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13. ABSTRACT (Maximum 200 words)

The research presented in this report has been directed to study the effects of mass injection into the flow upstream of a cavity to understand the weapon bay cavity's flow field and its aeroacoustics. The objective also was to control the development of upstream boundary layer, and therefore, to control the development of the shear layer over the cavity. Control of the shear layer has enabled us to significantly reduce or to fully eliminate the weapons bay's aeroacoustic interactions. This study was performed in a wind tunnel at several nominal Mach numbers between 0.5 to 1.8 and at unit Reynolds numbers up

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An Experimental Investigation

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Cavity Aeroacoustics in High Speed Flows

(Grant F49620-93-1-0079)

Appendix A

Supersonic Data

and

Appendix B

Subsonic Data

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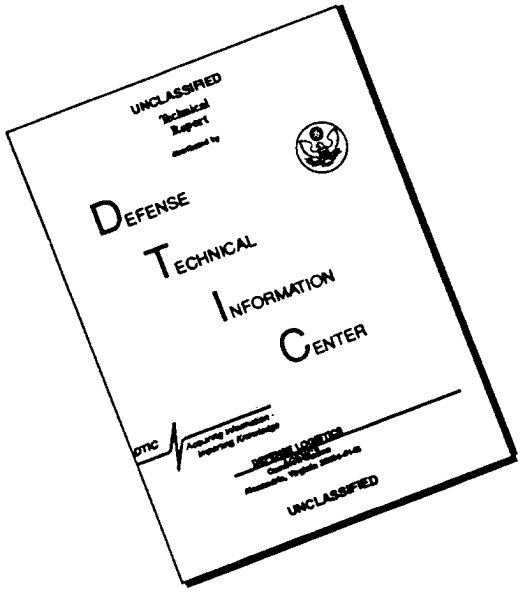

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An Experimental Investigation

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Cavity Aeroacoustics in High Speed Flows

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Appendix A

Supersonic Data

and

Appendix B

Subsonic Data

APPENDIX A

Supersonic Data

Notes:

Solid plug indicates an injection plate with all holes filled.

All runs were conducted at a nominal Mach number of 1.75.

The Peak Amplitude and Peak Frequency are those of the greatest magnitude component of frequency spectrum.

In all supersonic runs the Peak Frequency and Peak Amplitude were measured by the dynamic pressure transducer near the cavity trailing edge.

Notes:

Crank refers to the probe using the rotating arm.

Straight refers to the probe used on the cavity center line.

The front probe position refers the those probe traverse locations at the cavity leading edge. The back probe position refers the those probe traverse locations at the cavity trailing edge.

Probe horizontal position is measured from the cavity centerline.

Probe vertical starting offset must be added to the probe height tabulated to find the true height.

Notes:

Location refers to the dynamic pressure transducer location at which the Peak Amplitude and Peak Frequency were measured. The dynamic transducer located near the leading edge is the front location and the dynamic transducer located near the trailing edge is the back location.

Run Number	Injection Pattern	Mass Injection Rate (lbm/s)	Peak Amplitude (dBV)	Peak Frequency (Hz)
6	solid plug	0.000	-6.7	1600
11	solid plug	0.000	-45.0	304
12	solid plug	0.000	-45.0	250
13	solid plug	0.000	-45.0	220
16	solid plug	0.000	-7.4	1580
17	solid plug	0.000	-7.3	1610
18	solid plug	0.000	-4.8	1600
19	solid plug	0.000	-7.1	1590
20	plate 1	0.067	-26.5	1400
22	plate 1	0.000	-2.4	1540
23	plate 1	0.057	-27.6	1450
24	plate 1	0.044	-26.2	700
25	plate 1	0.051	-27.2	1460
26	plate 1	0.102	-24.5	1140
27	plate 1	0.099	-26.2	1500
28	plate 1	0.155	-24.2	1460
29	plate 1	0.156	-24.6	1638
30	plate 1	0.000	-6.1	1570
31	plate 1	0.000	-9.3	1580
34	plate 2	0.000	-6.4	1500
35	plate 2	0.047	-18.0	1430
36	plate 2	0.110	-27.7	1400
37	plate 2	0.058	-28.4	1210
39	plate 1	0.051	-26.2	1336
40	plate 1	0.103	-26.4	1408
41	plate 1	0.151	-26.0	1300
43	solid plug	0.000	-2.2	1600
44	solid plug	0.000	-2.5	1600
45	solid plug	0.000	-0.8	1580
46	solid plug	0.000	-1.2	1560
48	plate 1	0.000	-0.6	1540
49	plate 1	0.054	-24.2	1300
50	plate 1	0.051	-23.2	1450
51	plate 1	0.101	-23.3	1820
52	plate 1	0.150	-25.0	1600
53	plate 2	0.000	-0.6	1560
54	plate 2	0.050	-12.8	1460
55	plate 2	0.100	-25.2	1420
57	plate 2	0.150	-26.8	600
59	plate 3	0.000	0.8	1520
60	plate 3	0.050	-11.5	1480
62	plate 3	0.104	-22.6	1420
67	plate 4	0.052	2.3	1480
68	plate 4	0.100	1.4	1460
70	plate 4	0.024	3.5	1500
71	plate 4	0.076	3.3	1500

Run Number	Injection Pattern	Mass Injection Rate (lbm/s)	Peak Amplitude (dBV)	Peak Frequency (Hz)
72	plate 4	0.101	2.6	1460
75	plate 5	0.000	1.4	1480
76	plate 5	0.050	-1.7	1500
77	plate 5	0.100	-10.3	1500
79	plate 6	0.000	0.6	1520
80	plate 6	0.050	-3.4	1500
81	plate 6	0.101	-9.0	1440
82	plate 6	0.151	-15.6	1400
84	plate 7	0.000	3.4	1520
85	plate 7	0.051	2.4	1520
86	plate 7	0.101	4.0	1520
88	solid plug	0.000	1.7	1600
89	solid plug	0.000	-0.6	1580
90	plate 8	0.000	1.1	1540
91	plate 8	0.000	1.3	1540
92	plate 8	0.051	-5.9	1480
93	plate 8	0.101	-16.2	1460
95	plate 8	0.000	1.0	1560
97	plate 8	0.050	-6.8	1520
98	plate 8	0.100	-10.6	1520
102	plate 2	0.000	-4.3	1520
103	plate 8	0.000	1.5	1520
104	plate 8	0.050	-0.5	1520
105	plate 8	0.100	-5.5	1480
107	plate 8	0.150	-12.4	1460
109	plate 2	0.000	-3.6	1520
113	plate 9	0.000	3.8	1600
114	plate 9	0.050	-19.7	1540
115	plate 9	0.101	-18.9	1680
116	plate 9	0.150	-17.9	1320
118	plate 9	0.000	3.4	1560
119	plate 9	0.050	-14.2	1620
120	plate 9	0.050	-18.6	1660
121	plate 10	0.000	-5.6	1560
122	plate 10	0.050	-18.5	680
123	plate 11	0.000	-0.4	1600
124	plate 11	0.050	-13.4	1540
126	plate 11	0.052	-4.7	1540
127	plate 11	0.052	-3.0	1540
128	plate 11	0.030	-13.3	1560
129	plate 3	0.000	3.2	1600
130	plate 3	0.000	1.8	1580
131	plate 3	0.000	2.0	1580
132	plate 3	0.000	2.9	1580
133	plate 3	0.000	3.6	1580
134	plate 3	0.000	0.4	1580

Run Number	Injection Pattern	Mass Injection Rate (lbm/s)	Peak Amplitude (dBV)	Peak Frequency (Hz)
135	plate 3	0.000	1.1	1560
136	plate 3	0.000	2.6	1600
137	plate 3	0.000	3.4	1580
138	plate 3	0.000	1.7	1600
139	plate 3	0.000	2.9	1580
140	plate 3	0.000	2.0	1580
141	plate 3	0.000	3.8	1580
142	plate 11	0.000	3.9	1600
143	plate 11	0.050	-4.1	1520
144	plate 11	0.075	-2.6	1500
145	plate 11	0.094	-4.5	1540
146	plate 11	0.030	-15.4	1520
147	plate 11	0.000	1.2	1600
148	plate 11	0.030	-11.5	1560
149	plate 11	0.050	-3.2	1560
150	plate 11	0.100	-15.8	1640
152	plate 2	0.000	2.8	1640
153	plate 2	0.032	-3.7	1520
154	plate 2	0.051	-8.6	1480
155	plate 2	0.101	-21.2	1400
156	plate 2	0.149	-20.5	720
157	plate 8	0.000	0.2	1600
158	plate 8	0.030	-12.7	1520
159	plate 8	0.050	-19.3	1440
160	plate 8	0.100	-20.7	1720
161	plate 8	0.123	-27.2	2640

Notes:

Solid plug indicates an injection plate with all holes filled.

All runs were conducted at a nominal Mach number of 1.75.

The Peak Amplitude and Peak Frequency are those of the greatest magnitude component of frequency spectrum.

In all supersonic runs the Peak Frequency and Peak Amplitude were measured by the dynamic pressure transducer near the cavity trailing edge.

Run Number	Injection Pattern	Mass Injection Rate (lbm/s)	Probe	Probe Position Front or Back	Probe Horizontal Position (in.)	Probe Vertical Starting Offset (in.)
162	solid plug	0.000	crank	back	1.0	0.078
163	solid plug	0.000	crank	back	1.0	0.078
164	solid plug	0.000	crank	back	0.5	0.063
165	solid plug	0.000	crank	back	0.5	0.063
166	solid plug	0.000	straight	back	0.0	0.063
167	solid plug	0.000	straight	back	0.0	0.063
168	solid plug	0.000	straight	back	0.0	0.063
169	solid plug	0.000	straight	back	0.0	0.063
171	plate 8	0.030	straight	back	0.0	0.063
172	plate 8	0.050	straight	back	0.0	0.063
173	plate 8	0.102	straight	back	0.0	0.063
174	plate 8	0.030	straight	back	0.0	0.063
177	plate 8	0.075	straight	back	0.0	0.063
178	plate 8	0.030	crank	back	0.5	0.063
179	plate 8	0.050	crank	back	0.5	0.063
180	plate 8	0.075	crank	back	0.5	0.063
181	plate 8	0.030	crank	back	1.0	0.086
182	plate 8	0.050	crank	back	1.0	0.086
183	plate 8	0.075	crank	back	1.0	0.086
184	plate 8	0.030	crank	front	1.0	0.086
185	plate 8	0.050	crank	front	1.0	0.086
186	plate 8	0.075	crank	front	1.0	0.086
187	plate 8	0.030	crank	front	0.5	0.086
188	plate 8	0.050	crank	front	0.5	0.086
189	plate 8	0.075	crank	front	0.5	0.086
190	plate 8	0.000	crank	front	0.5	0.086
191	plate 8	0.000	straight	front	0.0	0.047
192	plate 8	0.030	straight	front	0.0	0.047
193	plate 8	0.050	straight	front	0.0	0.047

Notes:

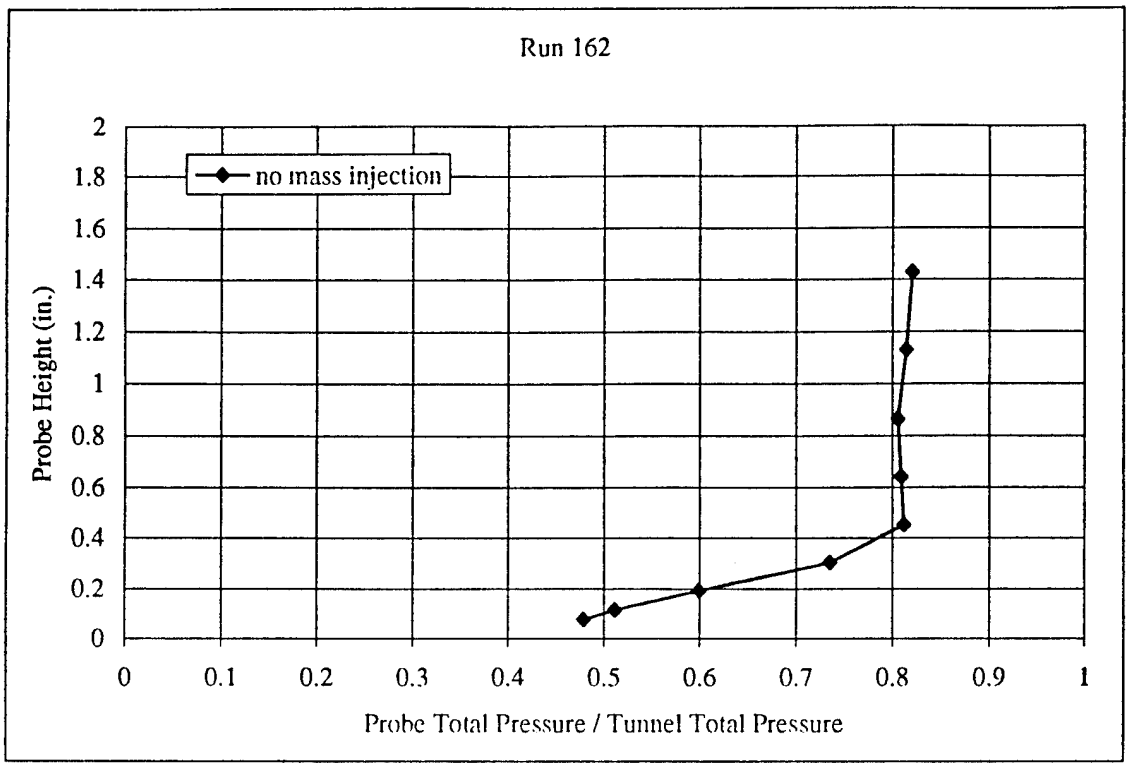
Crank refers to the probe using the rotating arm.

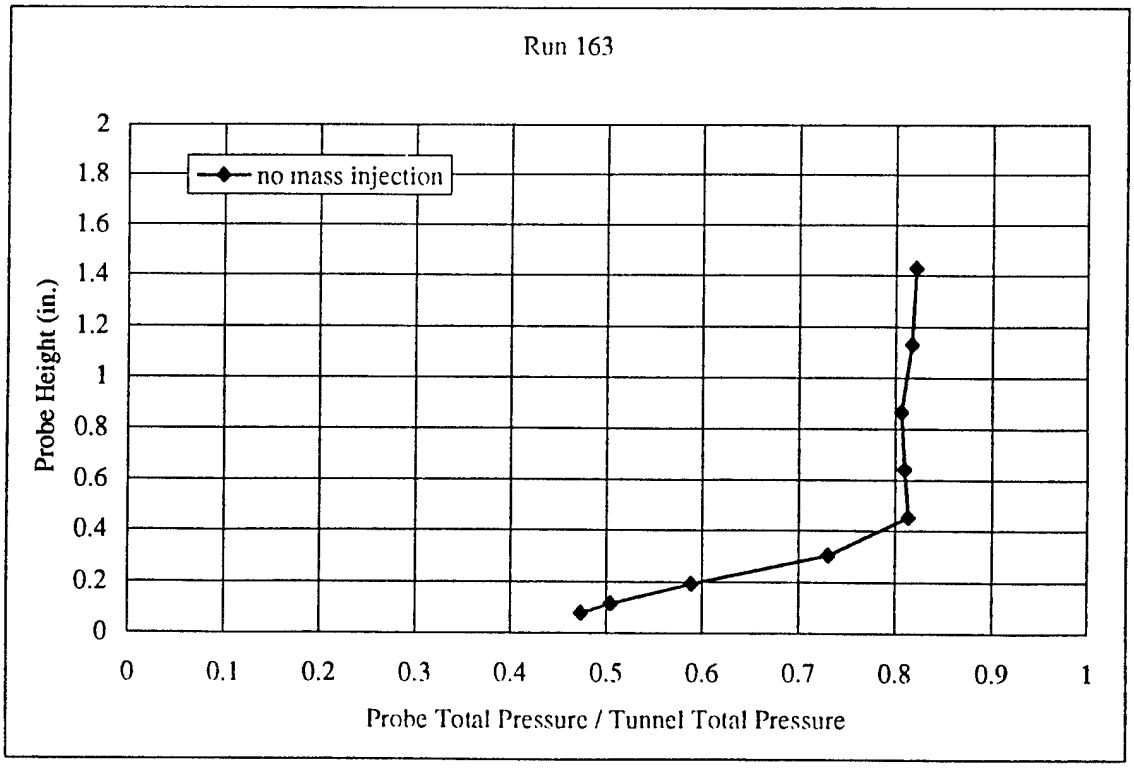
Straight refers to the probe used on the cavity center line.

The front probe position refers the those probe traverse locations at the cavity leading edge. The back probe position refers the those probe traverse locations at the cavity trailing edge.

Probe horizontal position is measured from the cavity centerline.

Probe vertical starting offset must be added to the probe height tabulated to find the true height.


Run 162
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 163
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
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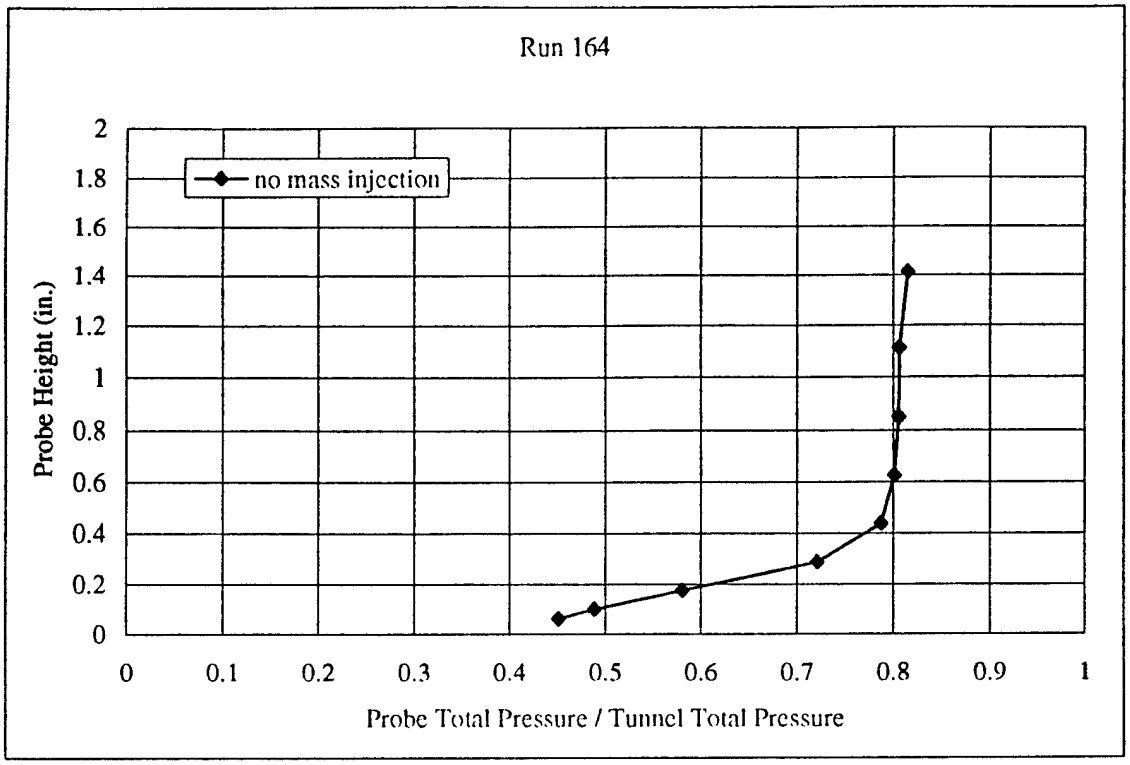
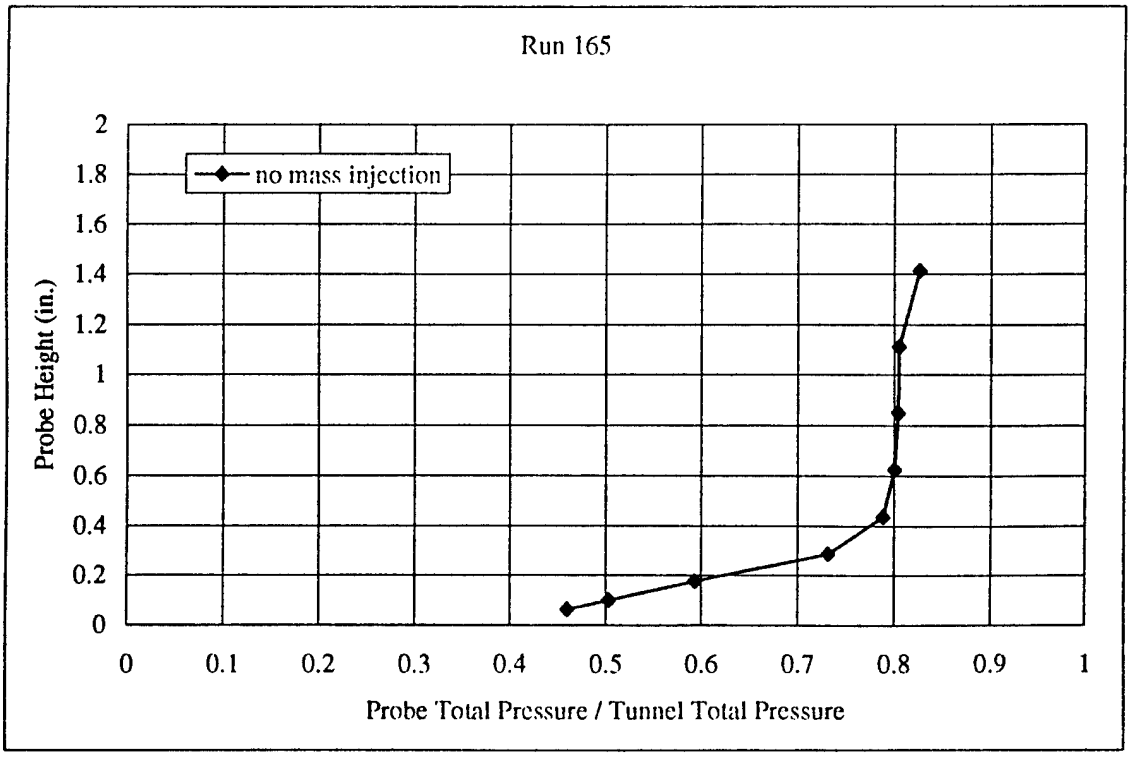
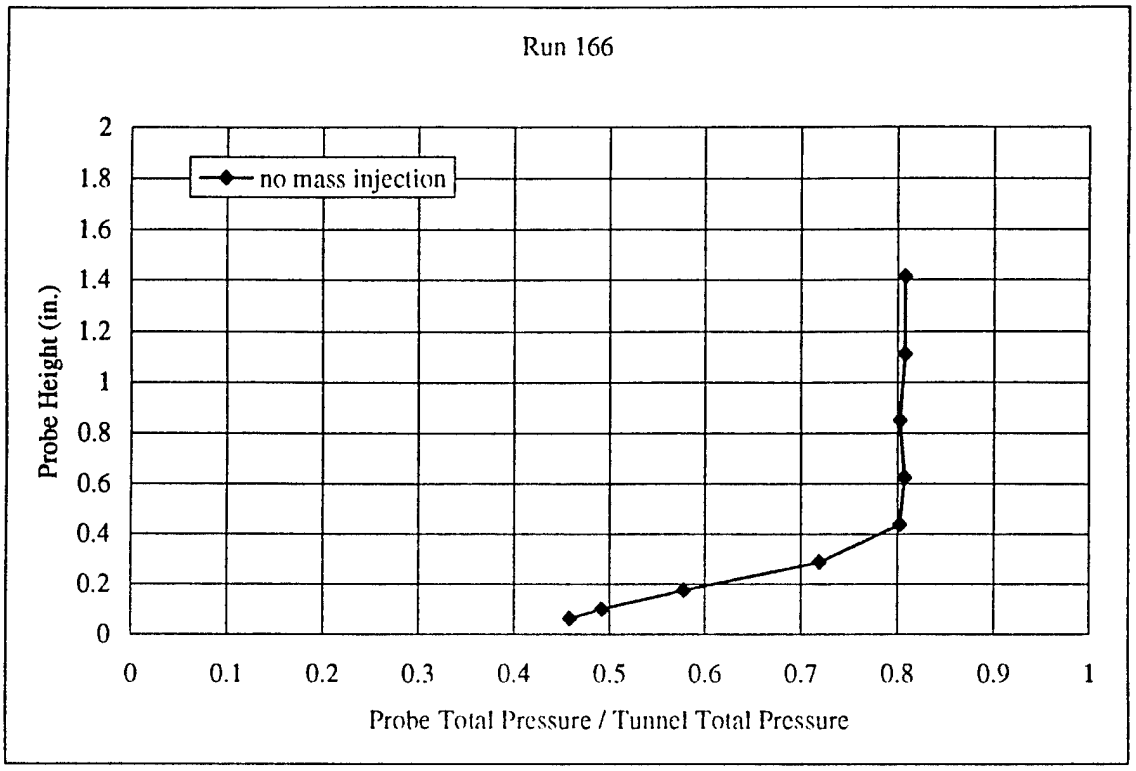
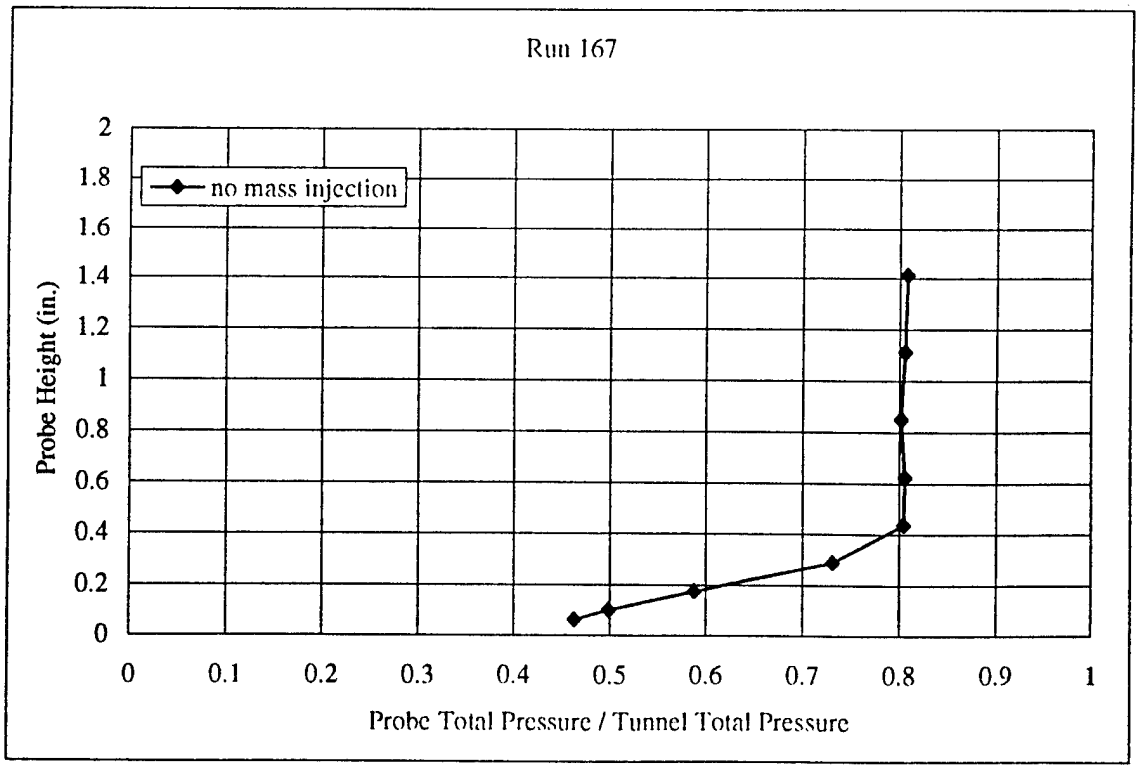
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 164
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 165
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 166
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 167
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
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0
0
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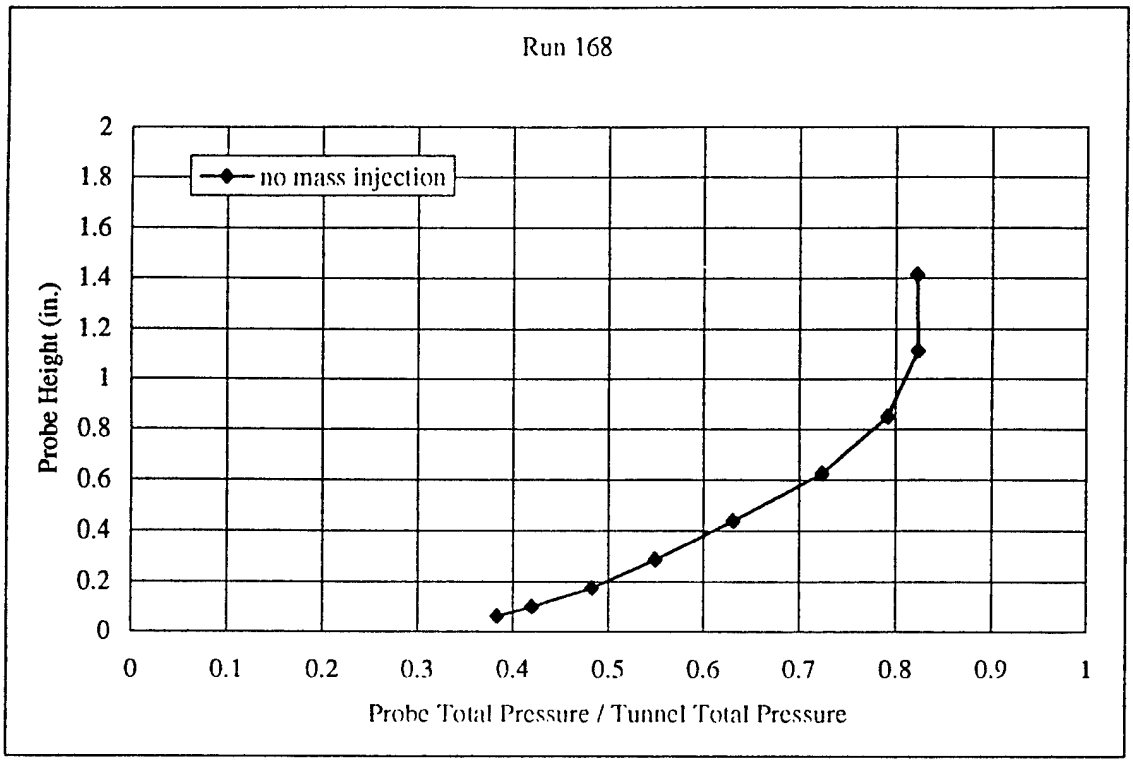
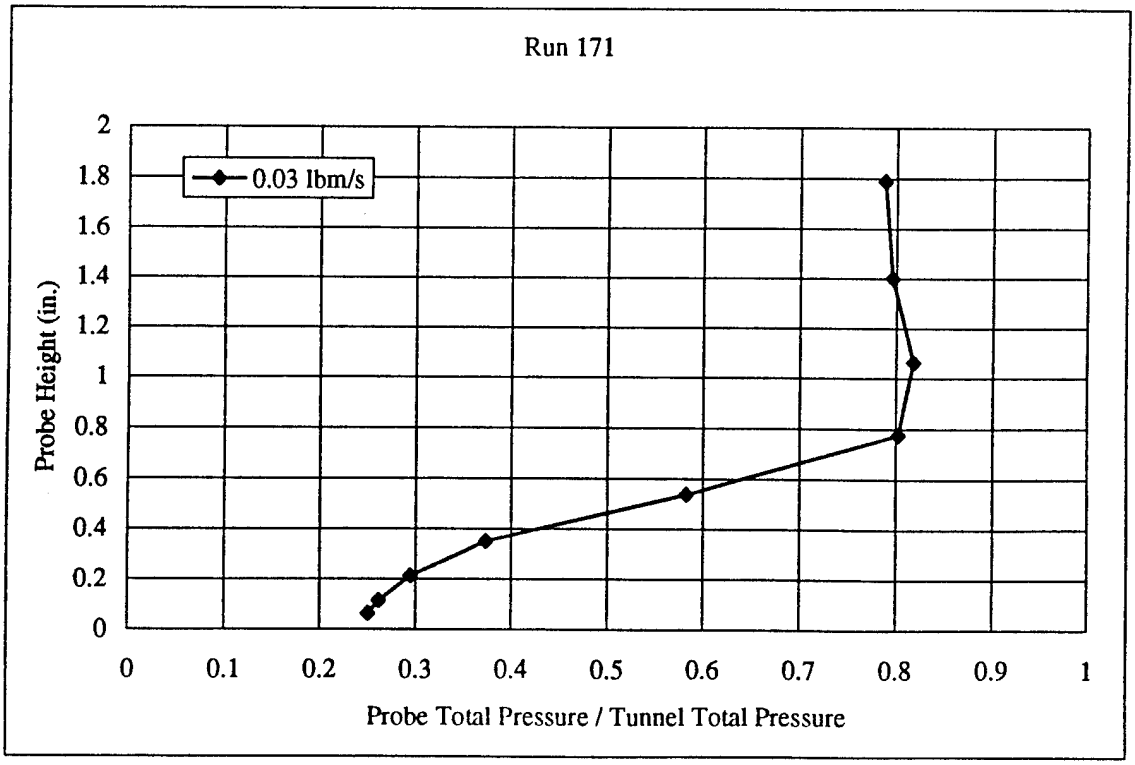
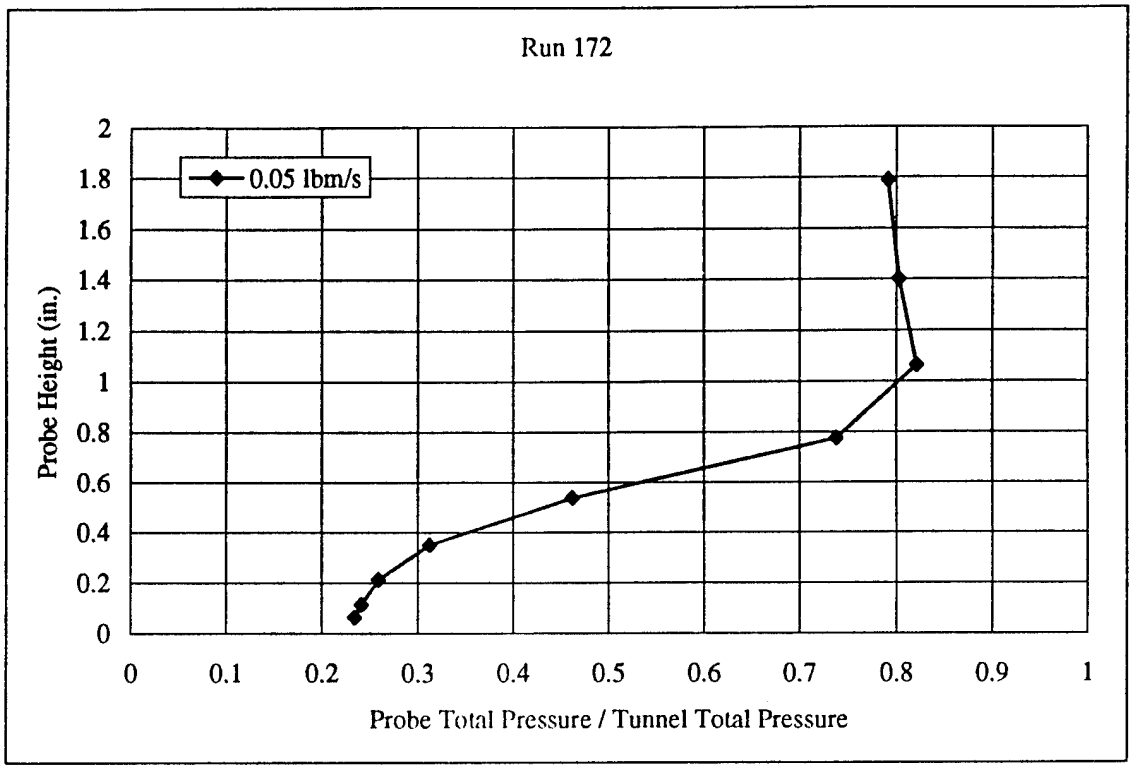
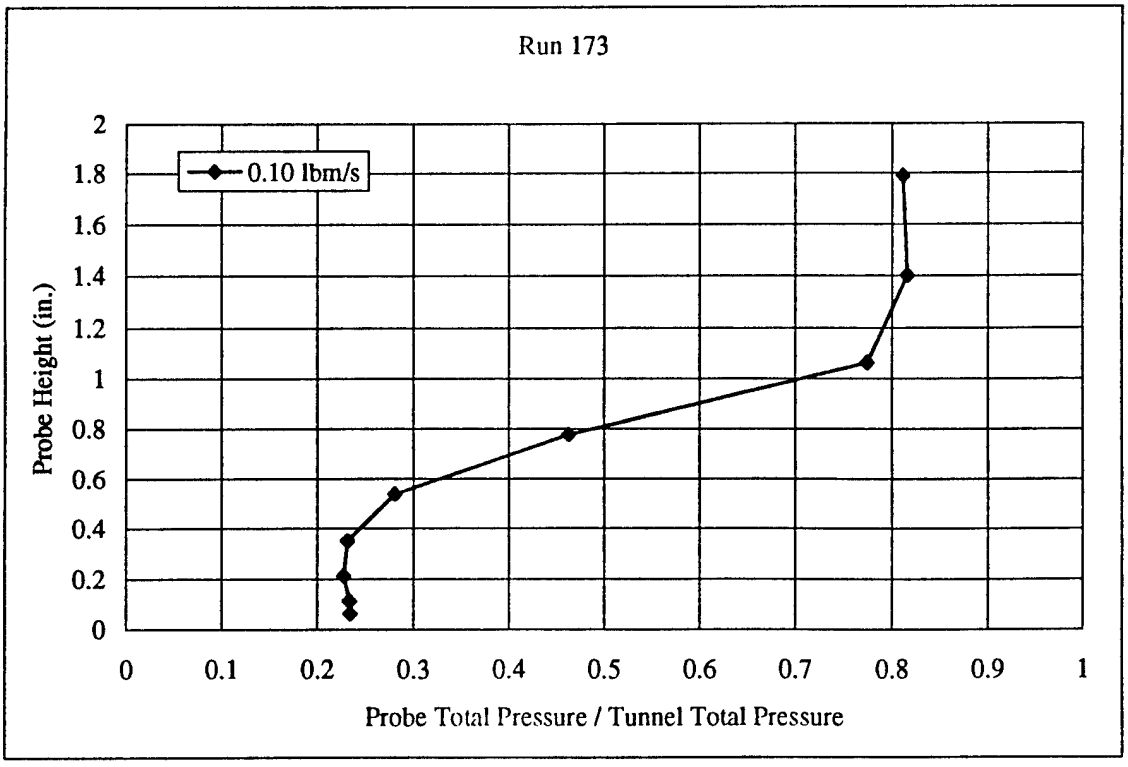
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 168
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 171
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 172
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 173
0.10 lbm/s
Probe Height (in.)
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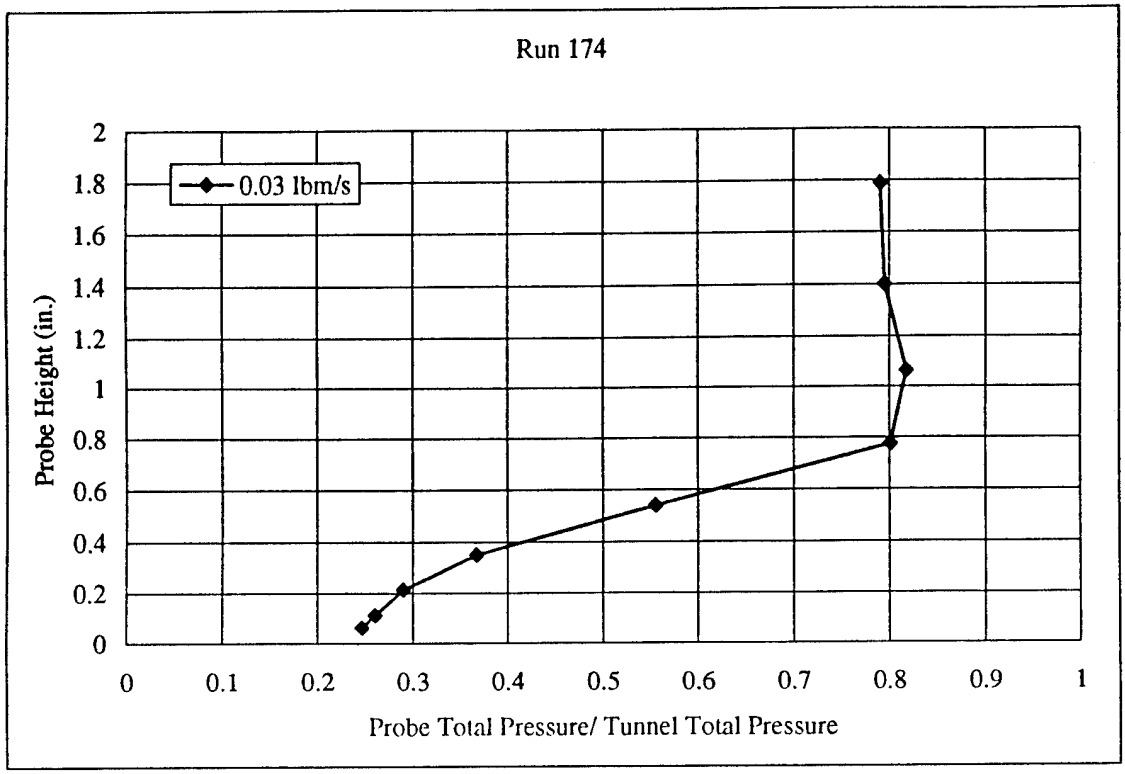
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 174
0.03 lbm/s
Probe Height (in.)
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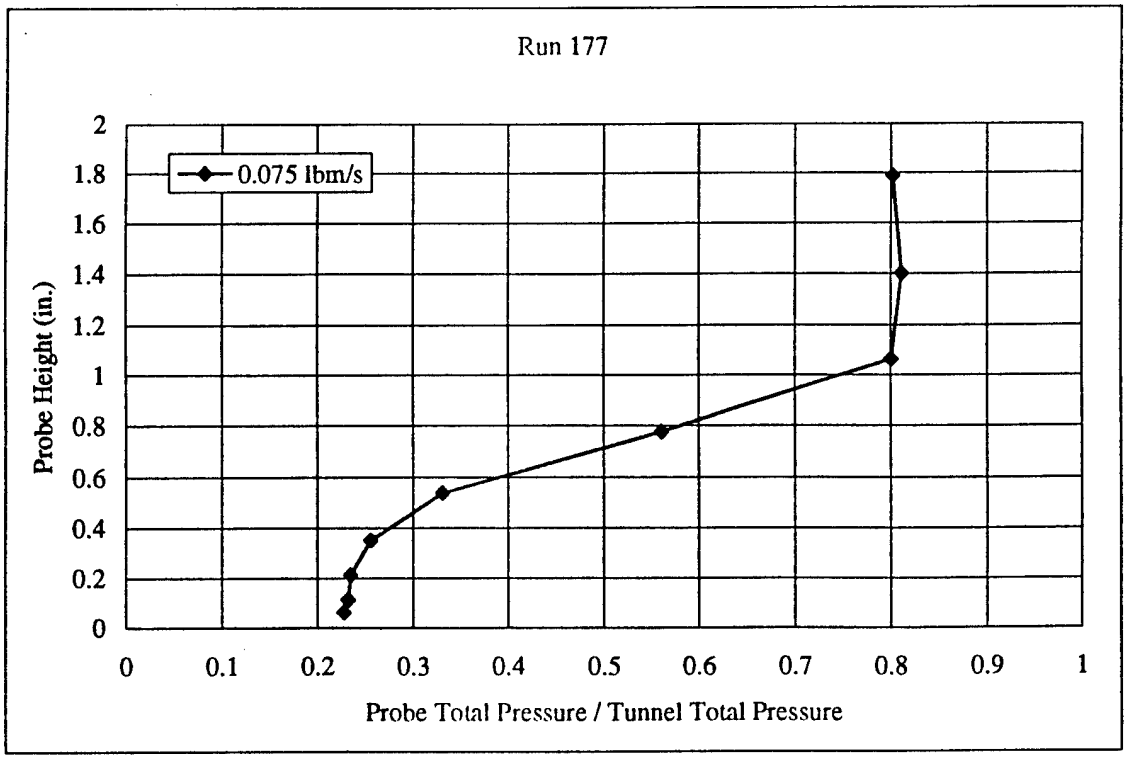
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure/ Tunnel Total Pressure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0.075 lbm/s
Probe Height (in.)
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1.6
1.4
1.2
1
0.8
0.6
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0.2
0
0
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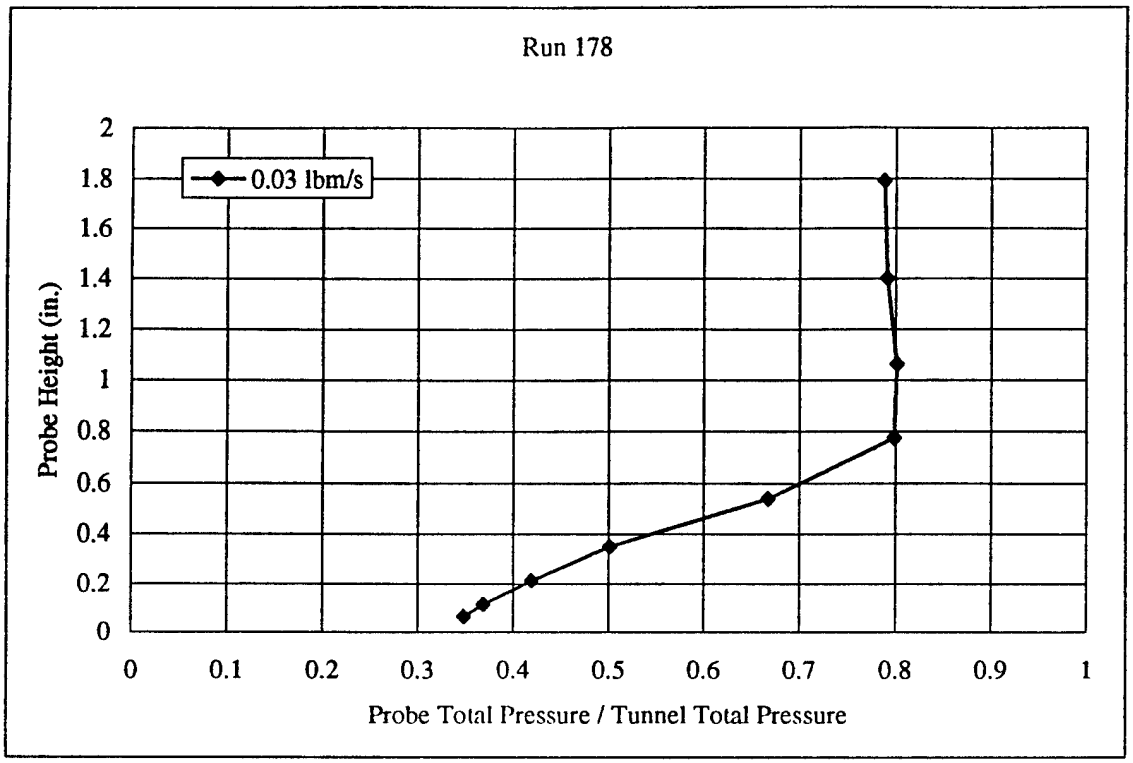
1
Probe Total Pressure / Tunnel Total Pressure


Run 178
0.03 lbm/s
Probe Height (in.)
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1.8
1.6
1.4
1.2
1
0.8
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0.4
0.2
0
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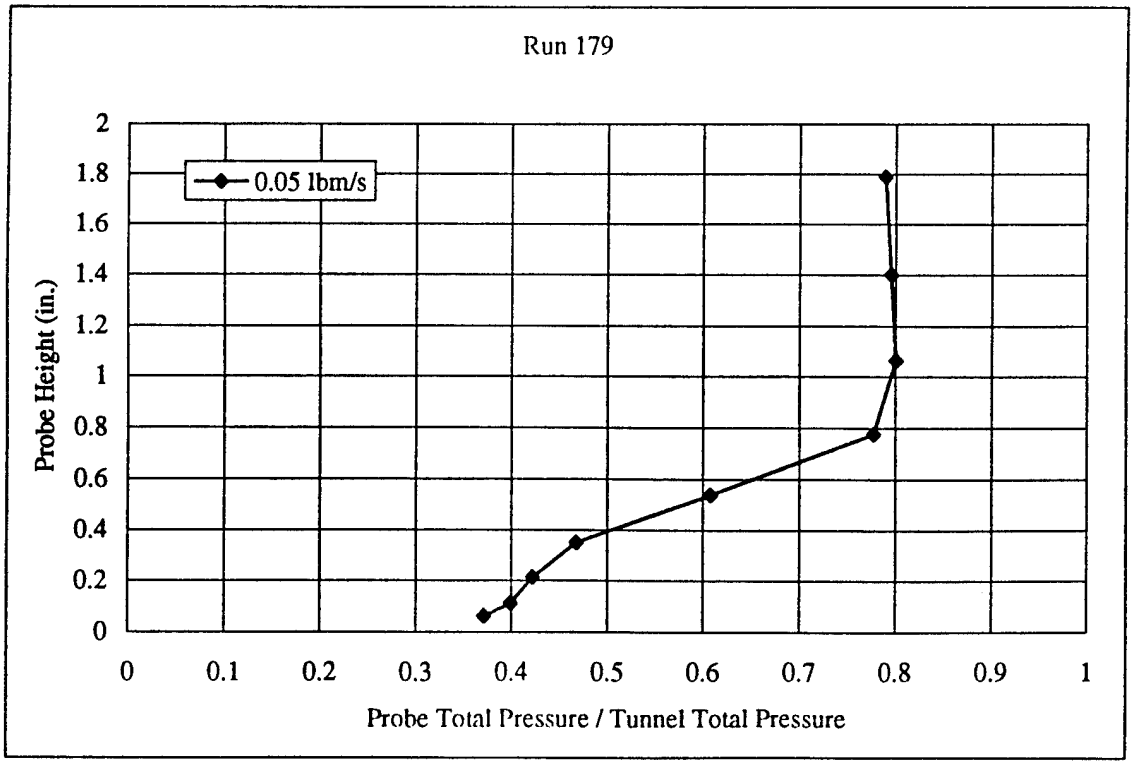
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 179
0.05 lbm/s
Probe Height (in.)
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1.4
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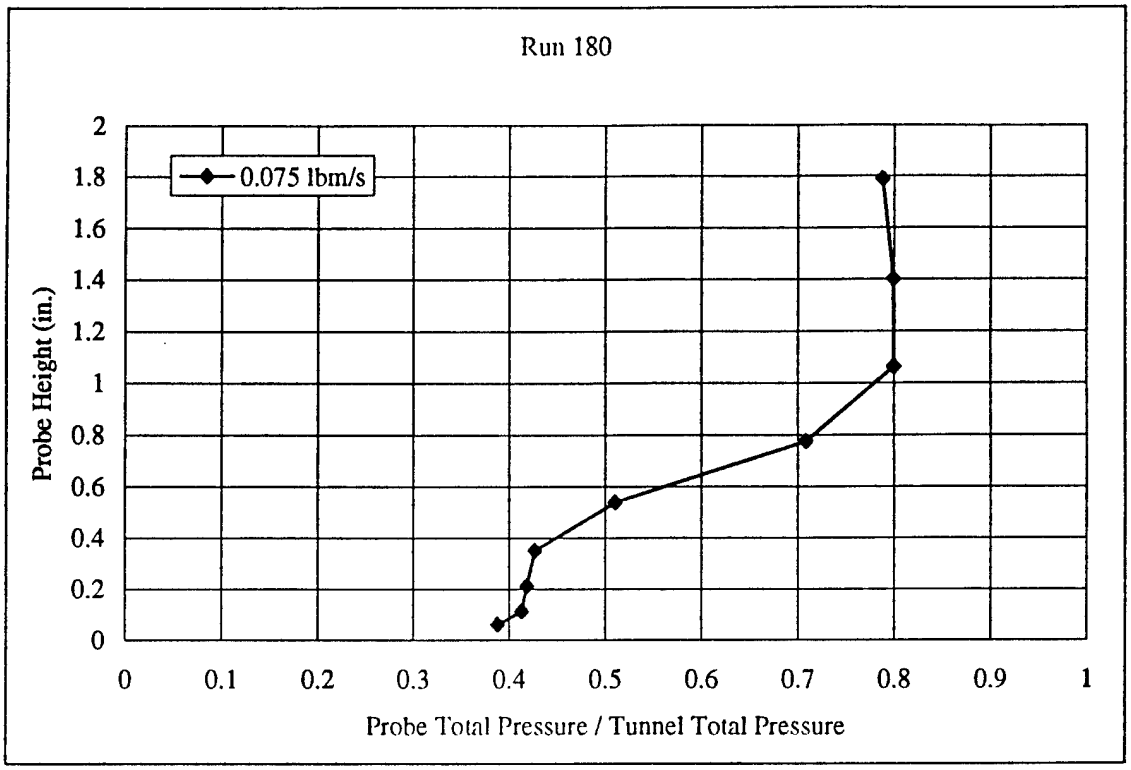
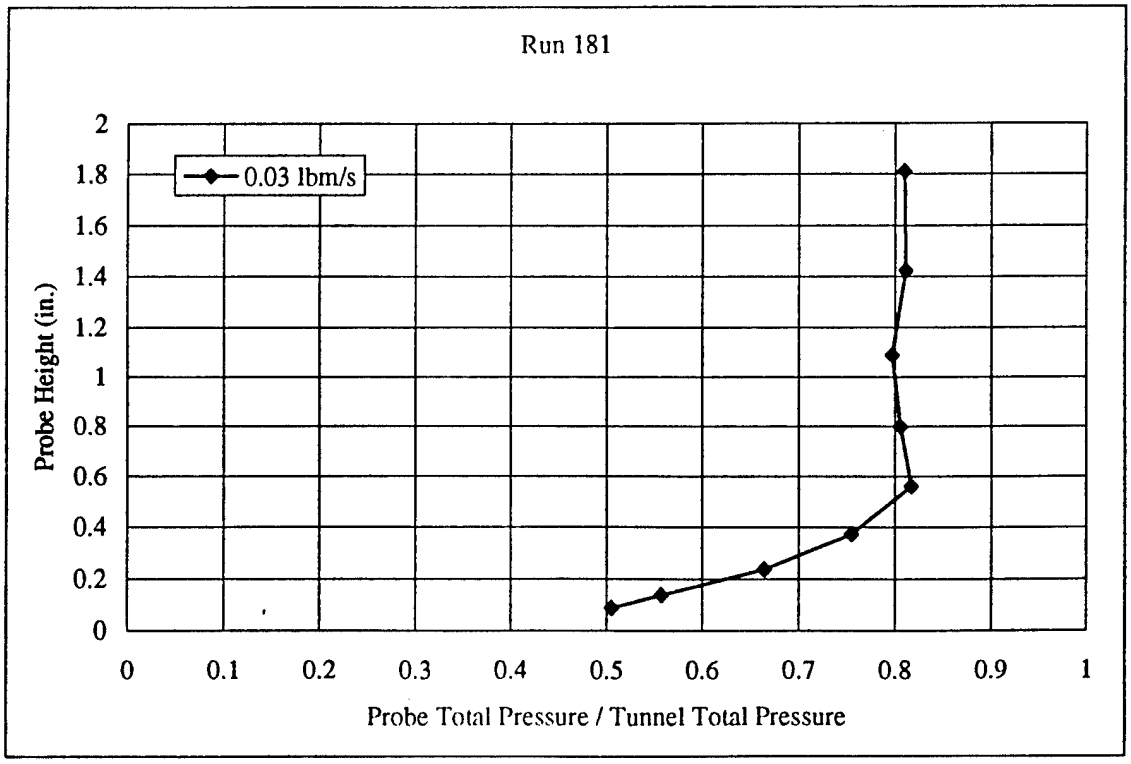
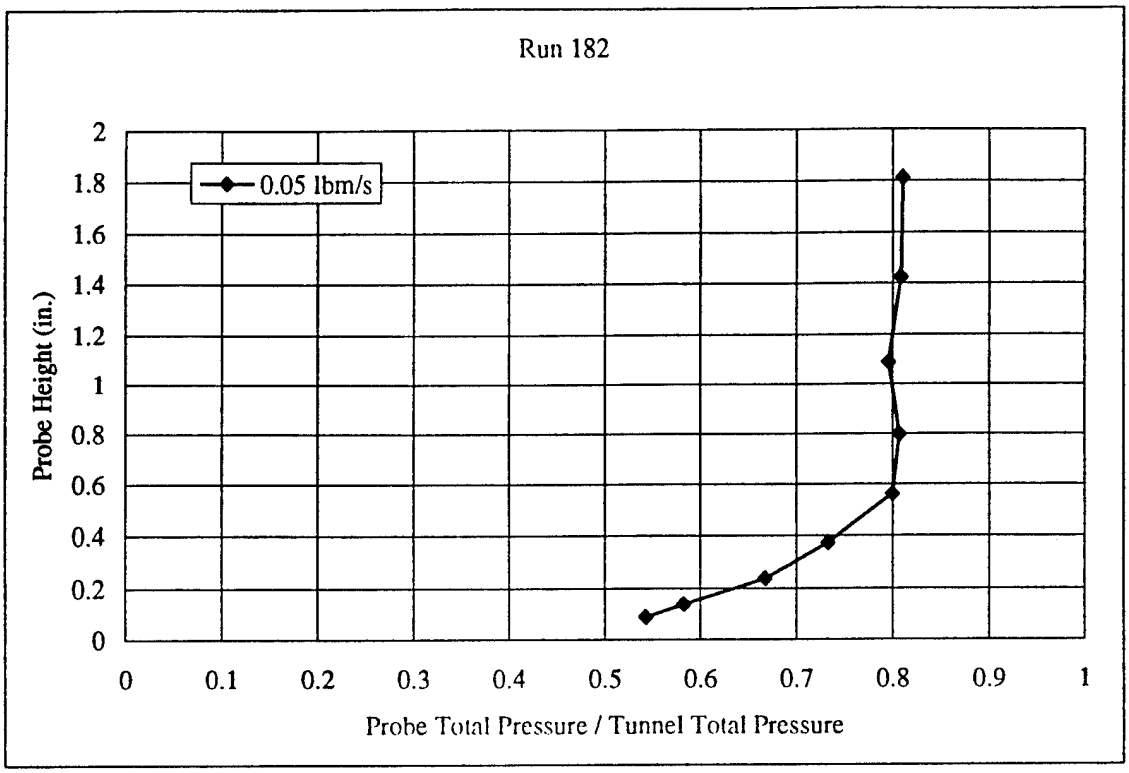
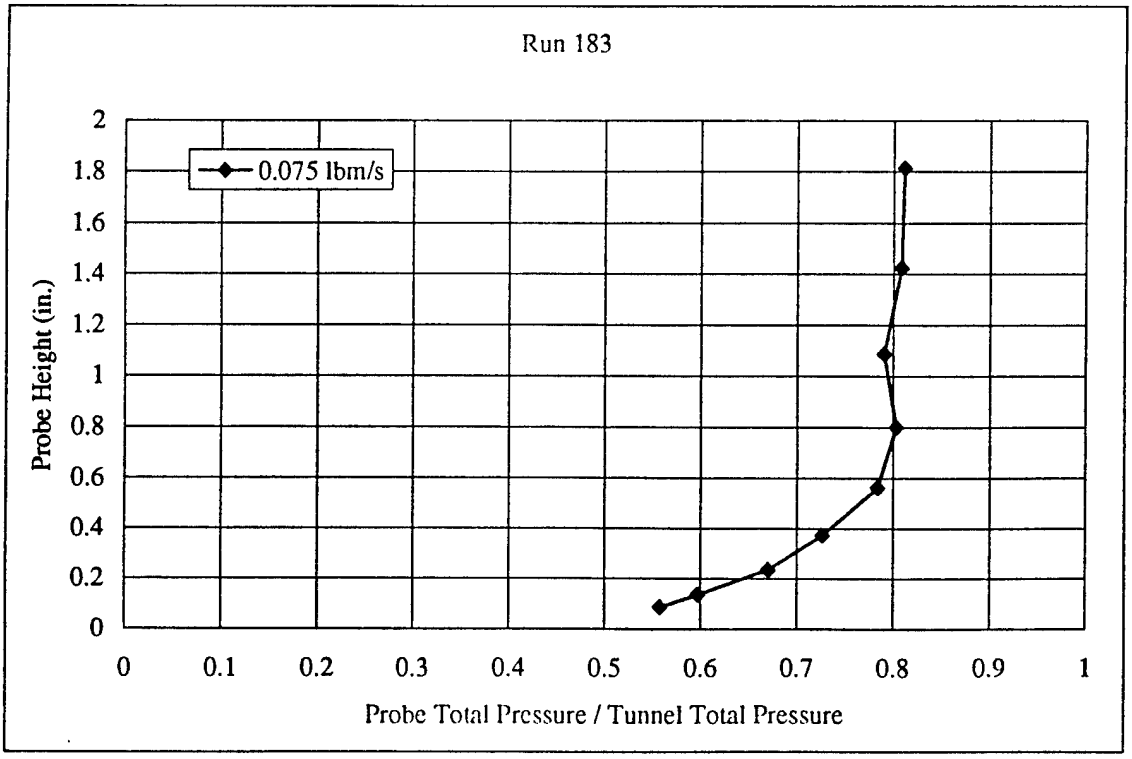
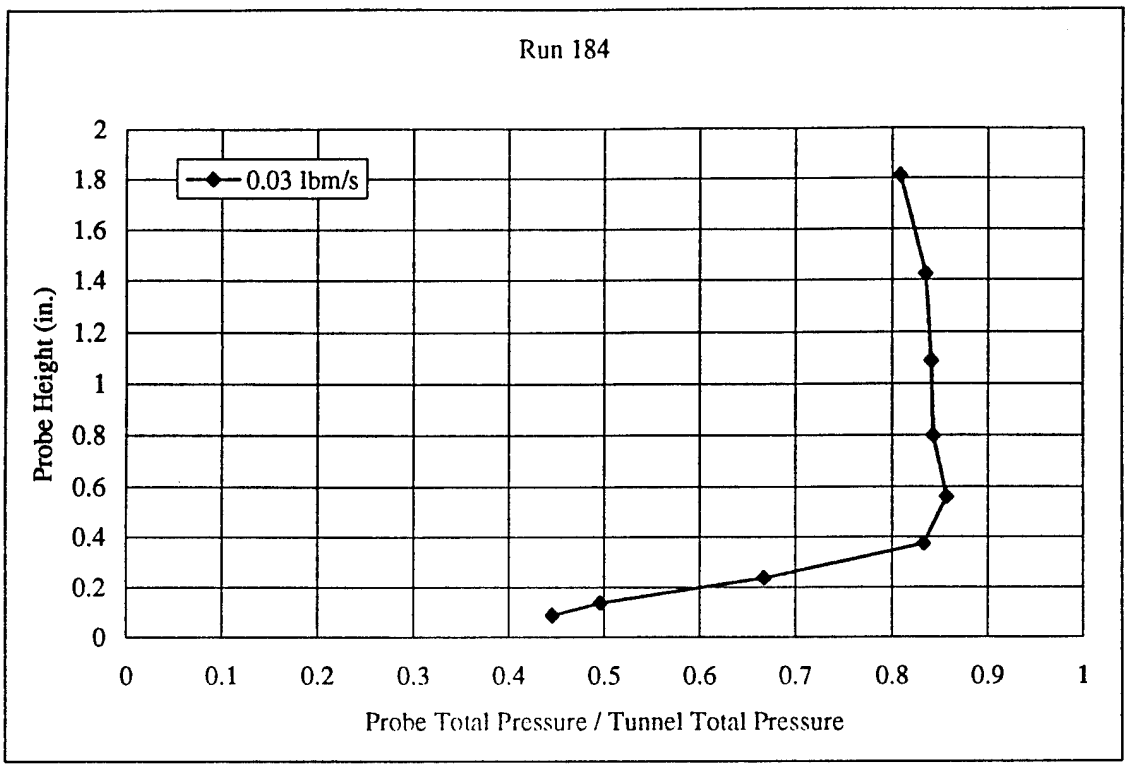
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

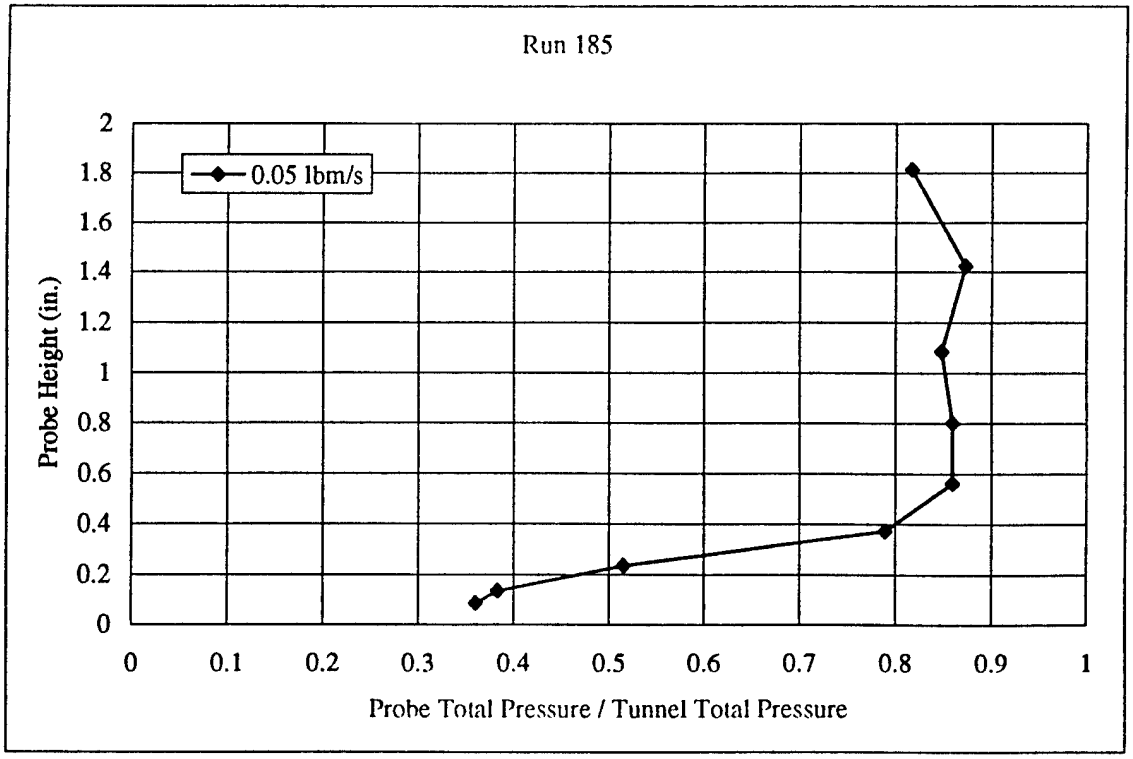

Run 180
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

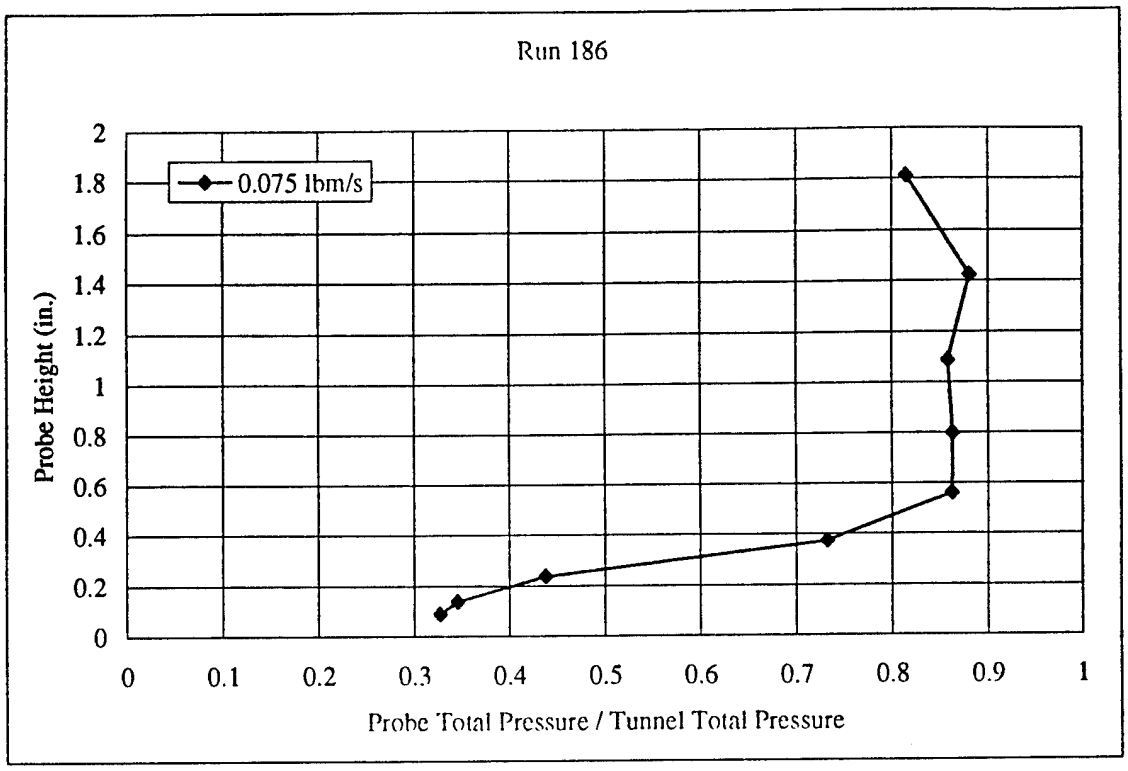

Run 181
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

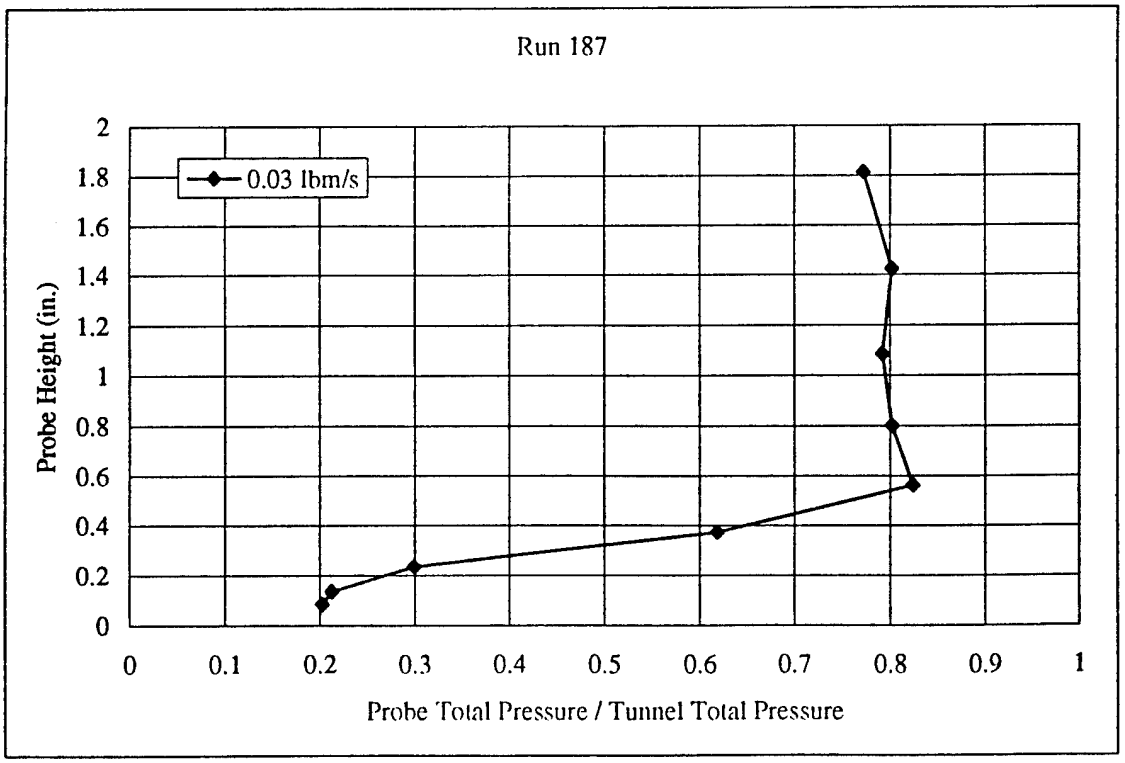

Run 182
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

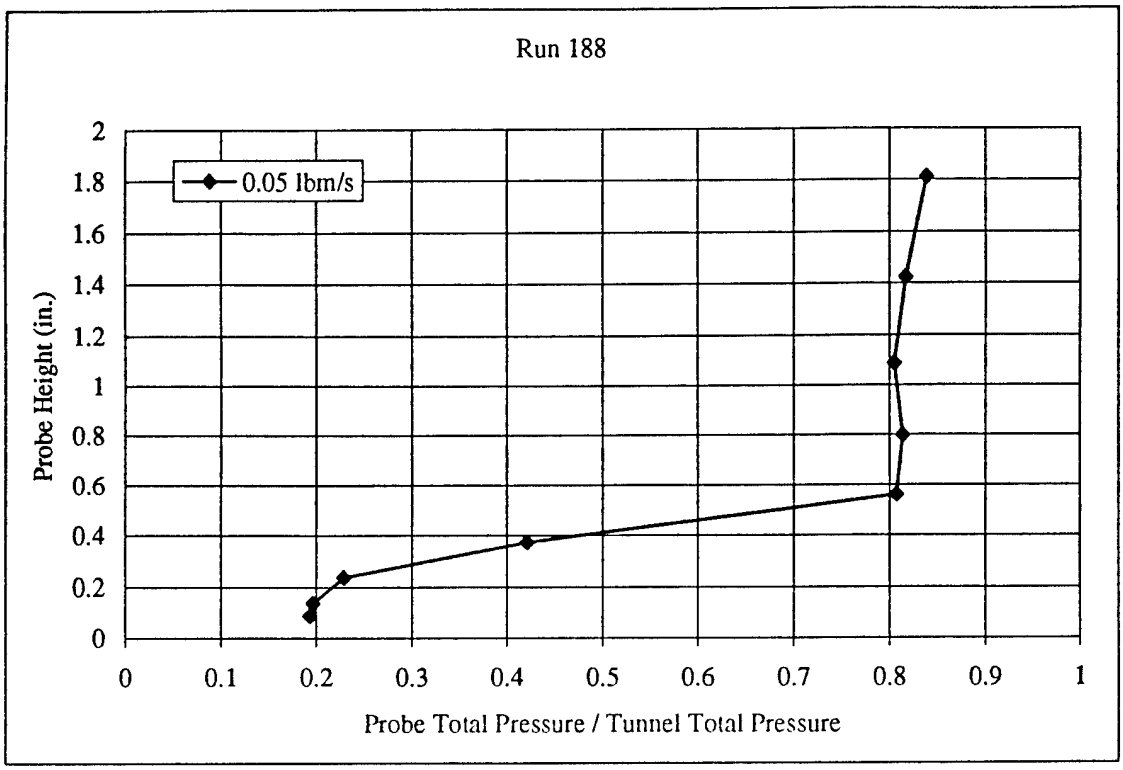

Run 183
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

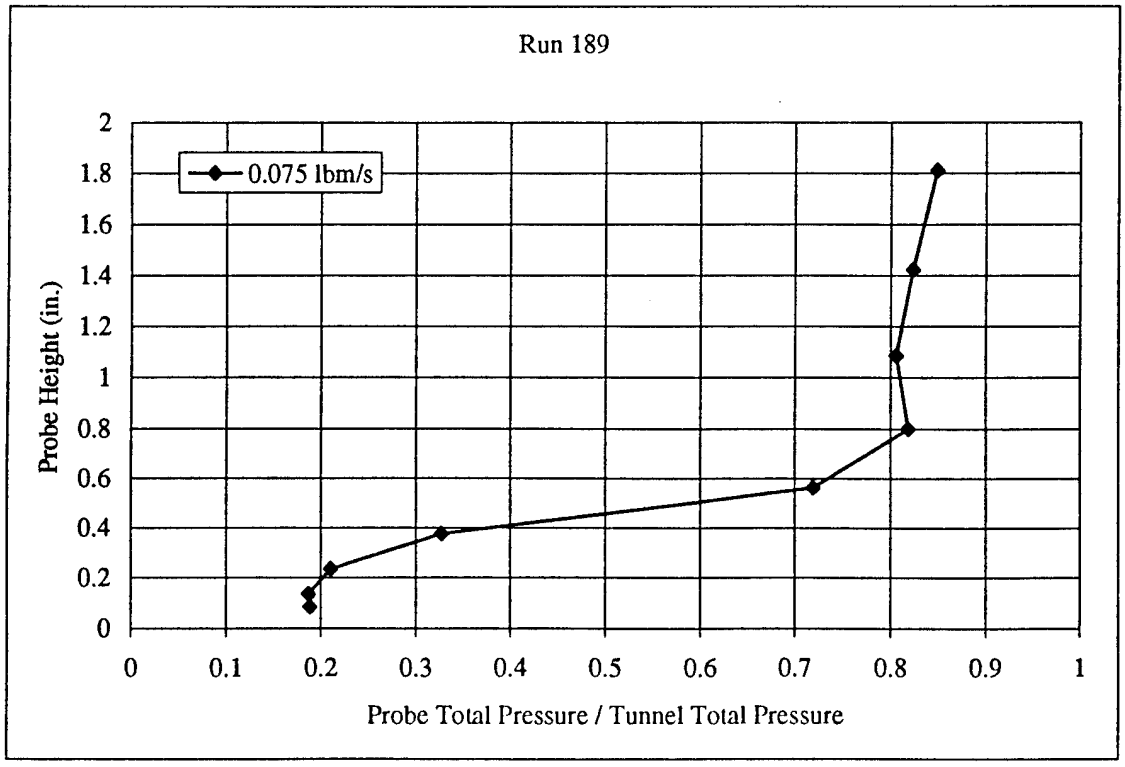

Run 184
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

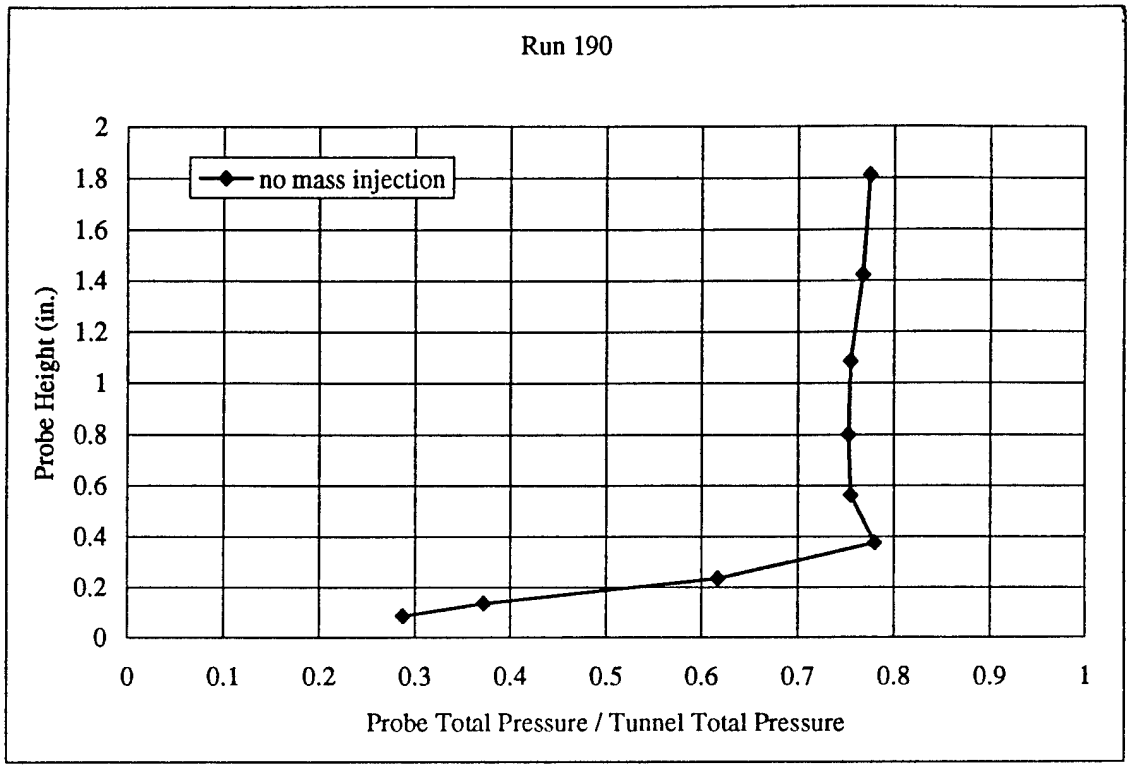

Run 185
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

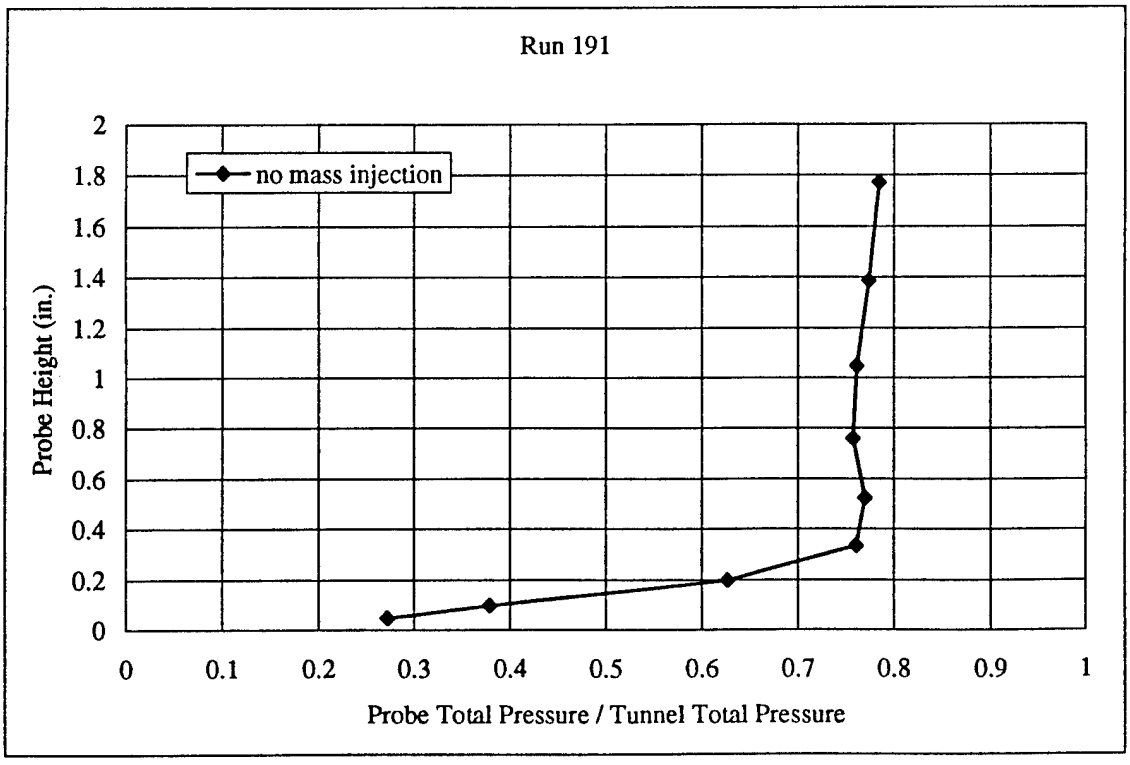

Run 186
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

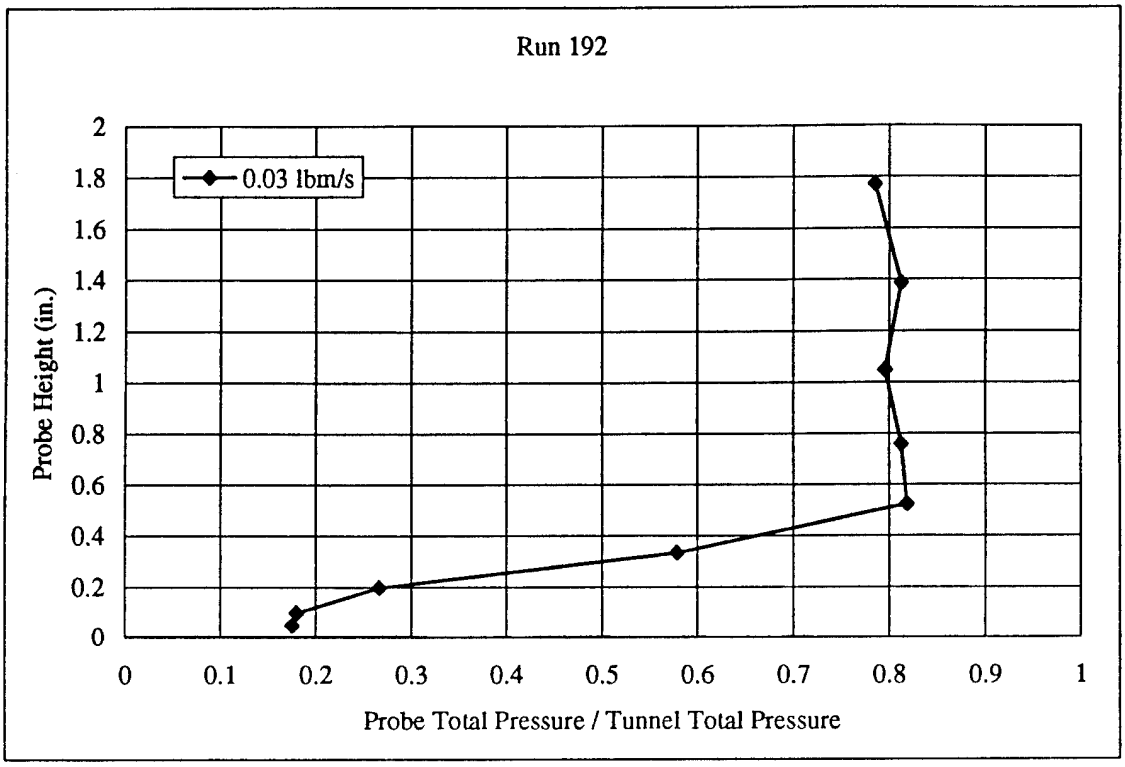

Run 187
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

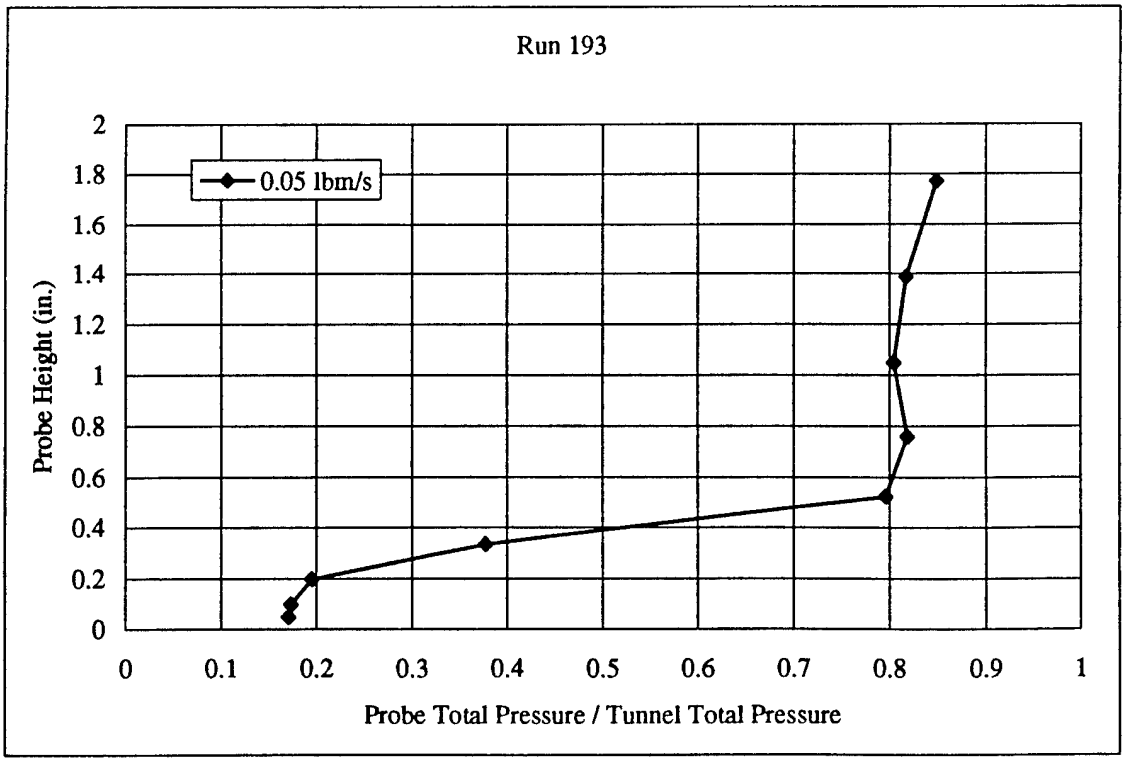

Run 188
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 189
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 190
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 191
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 192
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 193
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

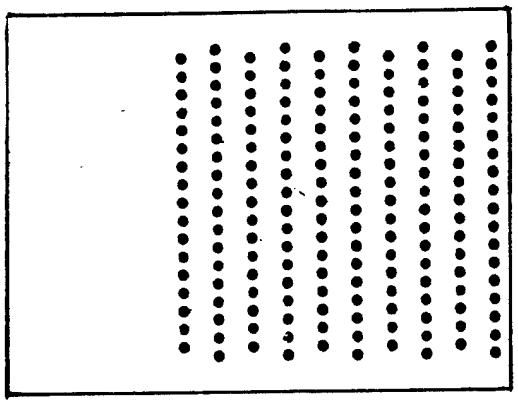


Plate 1

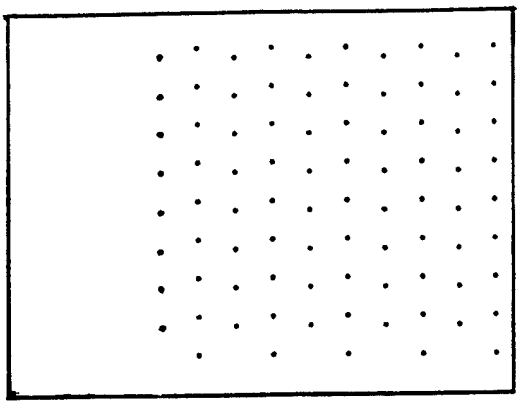


Plate 4

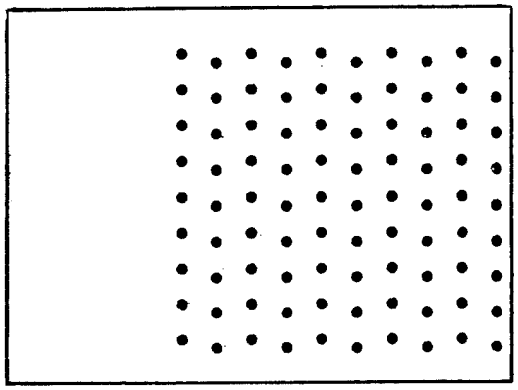


Plate 2

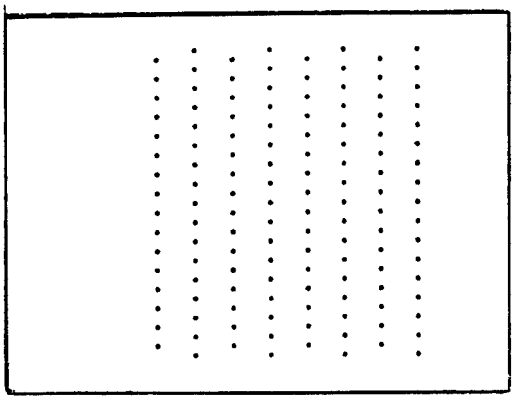


Plate 5

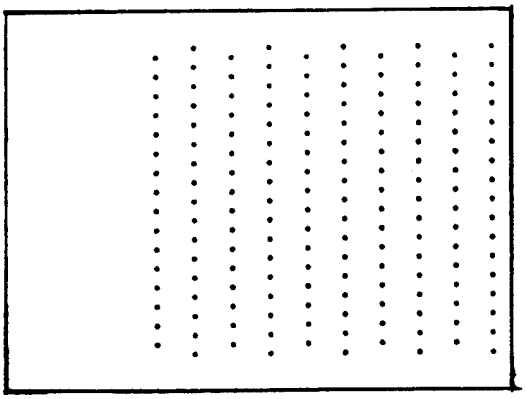


Plate 3

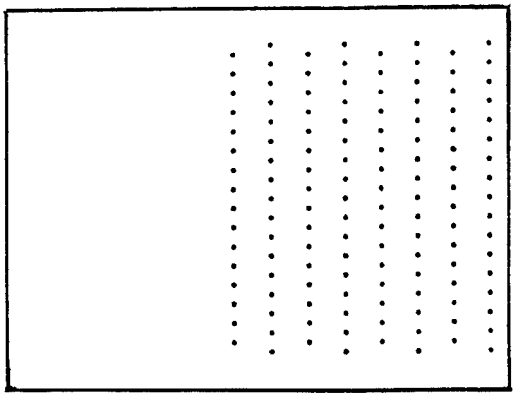


Plate 6

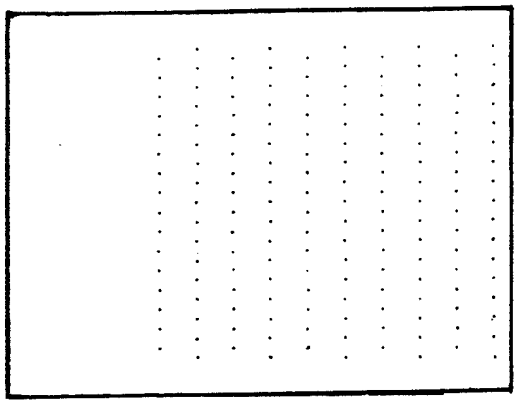


Plate 7

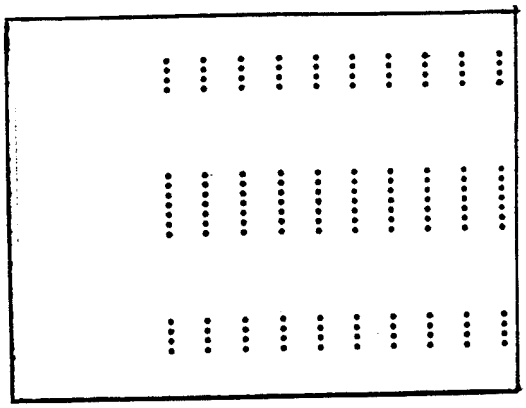


Plate 10

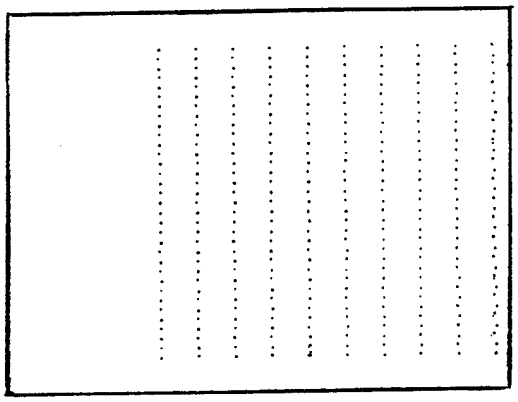


Plate 8

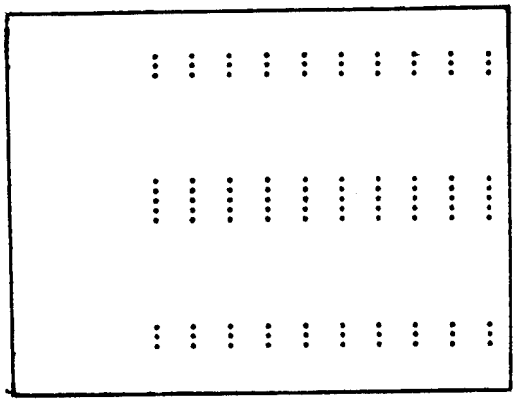


Plate 11

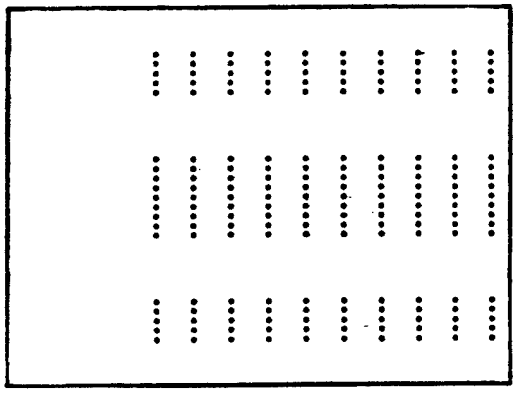


Plate 9

Tunnel Total Pressure (psia)	Floor Static Pressure # 2 (psia)	Floor Static Pressure # 3 (psia)	Cavity Static Pressure (psia)	Dynamic Static Pressure (psia)	Probe Total Pressure (psia)	Probe Static Pressure # 1 (psia)	Probe Static Pressure # 2 (psia)	Probe Delta Pressure #1 & #3 (psia)	Probe Delta Pressure #2 & #4 (psia)	Scanvalve Static Pressure (psia)	Massflow Static Pressure Upstream (psia)	Massflow Delta Pressure (psia)	Injection Static Pressure (psia)	Tunnel Temp. (deg C)	Injection Temp. (deg C)	Injection rate (lbm/s)	Flow Mach Number	Probe Vertical Position (in.)	Time (s)
Run 6																			
43.3848	8.1514	8.6368	8.5187	7.8227	14.2270	14.2341	14.2366	0.0025	-0.0043	9.5331	14.2334	0.0034	14.2315	-14.7699	-497.6111	0.0000	1.7497	0.0000	0.2695
43.7152	8.2055	8.7014	8.5628	8.2626	14.2322	14.2301	14.2273	0.0037	0.0052	8.8947	14.2334	-0.0023	14.2269	-14.7406	-497.6111	0.0000	1.7504	0.0000	0.5977
43.8267	8.2223	8.7430	8.5999	8.4515	14.2322	14.2370	14.2250	-0.0011	0.0094	8.3933	14.2316	-0.0023	14.2309	-14.6965	-497.6111	0.0000	1.7507	0.0000	0.9805
43.8508	8.2267	8.7407	8.5904	8.3415	14.2374	14.2312	14.2226	0.0043	-0.0037	8.0569	14.2289	-0.0042	14.2275	-14.6819	-497.6111	0.0000	1.7507	0.0000	1.3672
43.8026	8.2111	8.7470	8.5605	8.5251	14.2200	14.2324	14.2343	-0.0005	0.0004	7.9621	14.2361	0.0053	14.2332	-14.6965	-497.6111	0.0000	1.7512	0.0000	1.6992
43.6823	8.1900	8.6957	8.5393	8.4238	14.2322	14.2301	14.2273	-0.0011	-0.0067	8.2134	14.2307	0.0091	14.2281	-14.7112	-497.6111	0.0000	1.7511	0.0000	2.0781
43.5270	8.1632	8.6697	8.4770	7.5901	14.2339	14.2352	14.2320	0.0037	0.0040	8.3225	14.2280	0.0034	14.2281	-14.6819	-497.6111	0.0000	1.7509	0.0000	2.4102
43.3936	8.1421	8.6466	8.4540	9.2350	14.2409	14.2266	14.2255	-0.0017	0.0088	8.5817	14.2307	0.0024	14.2275	-14.6892	-497.6111	0.0000	1.7506	0.0000	2.8008
43.2405	8.1116	8.5826	8.4811	8.7388	14.2357	14.2324	14.2250	0.0055	0.0022	9.5897	14.2389	0.0034	14.2355	-14.6452	-497.6111	0.0000	1.7508	0.0000	3.1797
43.1005	8.0879	8.5791	8.4693	8.8096	14.2287	14.2318	14.2285	-0.0023	0.0058	9.7684	14.2452	-0.0004	14.2355	-14.7112	-497.6111	0.0000	1.7505	0.0000	3.5078
42.9583	8.0655	8.5082	8.4452	7.7272	14.2374	14.2272	14.2238	0.0025	0.0046	9.5485	14.2361	0.0034	14.2275	-14.7112	-497.6111	0.0000	1.7502	0.0000	3.8906
42.8380	8.0487	8.5485	8.4258	8.1803	14.2165	14.2364	14.2296	0.0007	0.0088	9.1105	14.2352	0.0005	14.2303	-14.7039	-497.6111	0.0000	1.7497	0.0000	4.2773
42.7330	8.0301	8.5197	8.3841	8.2966	14.2217	14.2370	14.2279	0.0055	-0.0020	9.2076	14.2389	0.0120	14.2343	-14.6672	-497.6111	0.0000	1.7496	0.0000	4.6094
42.5886	8.0127	8.4909	8.4146	8.2615	14.2287	14.2347	14.2273	-0.0054	0.0016	8.8610	14.2343	-0.0014	14.2349	-14.7112	-497.6111	0.0000	1.7488	0.0000	4.9883
42.4858	7.9903	8.4072	8.3547	8.1889	14.2357	14.2341	14.2314	0.0037	-0.0037	8.5600	14.2407	0.0043	14.2320	-14.6745	-497.6111	0.0000	1.7491	0.0000	5.3203
42.3961	7.9747	8.4378	8.3729	8.1734	14.2357	14.2347	14.2337	0.0043	-0.0025	8.2836	14.2289	0.0024	14.2332	-14.6599	-497.6111	0.0000	1.7490	0.0000	5.7070
42.2605	7.9629	8.3870	8.3570	8.0392	14.2409	14.2352	14.2267	-0.0030	0.0070	7.9735	14.2307	-0.0014	14.2366	-14.6745	-497.6111	0.0000	1.7478	0.0000	6.0898
42.1730	7.9430	8.3559	8.3235	8.3945	14.2235	14.2295	14.2261	0.0013	-0.0031	7.8844	14.2207	-0.0004	14.2349	-14.7772	-497.6111	0.0000	1.7481	0.0000	6.4180
42.0877	7.9312	8.3634	8.3065	7.9097	14.2304	14.2289	14.2325	0.0037	0.0052	8.7936	14.2189	0.0053	14.2298	-14.7186	-497.6111	0.0000	1.7478	0.0000	6.8086
41.9848	7.9162	8.3282	8.2876	8.2735	14.2322	14.2318	14.2296	0.0025	0.0046	9.3824	14.2180	0.0034	14.2286	-14.6672	-497.6111	0.0000	1.7474	0.0000	7.1875
41.8448	7.8994	8.2907	8.2688	7.9062	14.2252	14.2301	14.2214	0.0007	-0.0002	9.0780	14.2425	0.0063	14.2281	-14.7112	-497.6111	0.0000	1.7466	0.0000	7.5195
41.7399	7.8833	8.3149	8.1948	8.0018	14.2374	14.2295	14.2302	-0.0060	0.0088	8.9466	14.2289	-0.0023	14.2315	-14.6965	-497.6111	0.0000	1.7463	0.0000	7.8984
41.6327	7.8646	8.3230	8.2471	7.7548	14.2374	14.2306	14.2273	0.0031	0.0046	8.6057	14.2252	0.0053	14.2292	-14.7699	-497.6111	0.0000	1.7462	0.0000	8.2891
41.5342	7.8546	8.3178	8.2059	7.4220	14.2304	14.2329	14.2337	0.0037	-0.0031	8.4692	14.2198	0.0015	14.2332	-14.6672	-497.6111	0.0000	1.7454	0.0000	8.6172

Run 11

40.4825	7.4841	7.8620	14.2337	7.2037	14.2294	14.2261	14.2292	-0.0026	-0.0034	8.8759	14.2290	0.0023	14.2284	-14.7699	-497.6111	0.0000	1.7604	0.0000	0.2813
40.8369	7.5420	7.9347	14.2255	7.1778	14.2346	14.2295	14.2315	-0.0014	-0.0004	8.0861	14.2335	-0.0015	14.2341	-14.7479	-497.6111	0.0000	1.7610	0.0000	0.6602
40.8872	7.5494	7.9330	14.2307	7.1951	14.2294	14.2336	14.2321	-0.0008	-0.0010	7.7429	14.2308	-0.0006	14.2273	-14.6525	-497.6111	0.0000	1.7612	0.0000	1.0508
40.7057	7.5196	7.9018	14.2284	7.1962	14.2329	14.2267	14.2304	-0.0008	-0.0022	7.4779	14.2308	0.0004	14.2295	-14.7552	-497.6111	0.0000	1.7609	0.0000	1.3828
40.4104	7.4804	7.8366	14.2266	7.0529	14.2346	14.2313	14.2339	0.0053	0.0002	7.3003	14.2326	-0.0063	14.2301	-14.7186	-497.6111	0.0000	1.7595	0.0000	1.7617
40.0144	7.4263	7.7530	14.2307	7.0517	14.2242	14.2232	14.2292	-0.0026	0.0038	7.2957	14.2271	-0.0092	14.2329	-14.6672	-497.6111	0.0000	1.7578	0.0000	2.1406
39.8132	7.4001	7.7230	14.2284	6.9993	14.2277	14.2318	14.2222	0.0011	-0.0034	7.6589	14.2335	-0.0015	14.2329	-14.6379	-497.6111	0.0000	1.7568	0.0000	2.5313
39.5507	7.3678	7.6872	14.2266	6.9469	14.2311	14.2261	14.2292	-0.0001	0.0008	7.1095	14.2208	0.0023	14.2267	-14.6452	-497.6111	0.0000	1.7554	0.0000	2.8594
39.4129	7.3429	7.6509	14.2325	6.9170	14.2329	14.2336	14.2274	0.0017	0.0008	7.5516	14.2335	0.0061	14.2290	-14.6745	-497.6111	0.0000	1.7553	0.0000	3.2422
39.2926	7.3242	7.6261	14.2319	6.8755	14.2311	14.2278	14.2321	-0.0020	0.0020	7.8325	14.2380	-0.0044	14.2335	-14.8139	-497.6111	0.0000	1.7549	0.0000	3.6328
39.1722	7.2993	7.5868	14.2325	6.8738	14.2398	14.2313	14.2298	0.0017	0.0014	7.4116	14.2135	-0.0044	14.2335	-14.6452	-497.6111	0.0000	1.7552	0.0000	4.0117
39.0585	7.2869	7.5903	14.2307	6.8560	14.2224	14.2290	14.2309	0.0023	-0.0028	8.4287	14.2217	-0.0015	14.2324	-14.8359	-497.6111	0.0000	1.7544	0.0000	4.3398
38.9294	7.2720	7.5655	14.2325	6.8082	14.2207	14.2347	14.2309	0.0005	-0.0082	7.8554	14.2108	0.0051	14.2250	-14.7919	-497.6111	0.0000	1.7535	0.0000	4.7305
38.8594	7.2552	7.5407	14.2302	6.8047	14.2224	14.2284	14.2315	0.0011	0.0080	7.5984	14.2262	0.0061	14.2295	-14.6892	-497.6111	0.0000	1.7539	0.0000	5.1094
38.7260	7.2409	7.5130	14.2349	6.7322	14.2189	14.2284	14.2286	0.0011	-0.0094	7.9816	14.2326	-0.0025	14.2341	-14.7332	-497.6111	0.0000	1.7529	0.0000	5.4922
38.6035	7.2203	7.4968	14.2319	6.7661	14.2311	14.2353	14.2274	0.0029	-0.0046	7.7686	14.2362	-0.0025	14.2335	-14.7332	-497.6111	0.0000	1.7527	0.0000	5.8203
38.5597	7.2141	7.4836	14.2343	6.7644	14.2364	14.2290	14.2286	0.0011	0.0032	7.4864	14.2208	-0.0034	14.2312	-14.5865	-497.6111	0.0000	1.7525	0.0000	6.2109
38.4504	7.1948	7.4582	14.2284	6.7339	14.2433	14.2267	14.2333	-0.0001	0.0044	7.2089	14.2235	0.0042	14.2250	-14.7626	-497.6111	0.0000	1.7524	0.0000	6.5898
38.3738	7.1911	7.4466	14.2272	6.6896	14.2172	14.2336	14.2339	-0.0008	-0.0010	7.5241	14.2244	-0.0054	14.2312	-14.7699	-497.6111	0.0000	1.7514	0.0000	6.9805
38.2710	7.1793	7.4166	14.2337	6.6965	14.2224	14.2324	14.2309	0.0023	0.0026	8.3236	14.2262	0.0032	14.2284	-14.7406	-497.6111	0.0000	1.7508	0.0000	7.3125
38.1901	7.1612	7.4143	14.2272	6.6723	14.2259	14.2347	14.2280	0.0047	-0.0064	8.1672	14.2262	0.0032	14.2324	-14.6379	-497.6111	0.0000	1.7510	0.0000	7.6914
38.0391	7.1475	7.3774	14.2325	6.6688	14.2346	14.2255	14.2362	0.0011	0.0044	8.2288	14.2244	-0.0034	14.2284	-14.7186	-497.6111	0.0000	1.7497	0.0000	8.0820
37.9494	7.1227	7.3705	14.2296	6.6349	14.2242	14.2232	14.2344	-0.0008	0.0026	7.8428	14.2226	0.0004	14.2312	-14.7846	-497.6111	0.0000	1.7504	0.0000	8.4609
37.8838	7.1146	7.3543	14.2355	6.6262	14.2364	14.2313	14.2309	-0.0014	-0.0034	7.6743	14.2262	-0.0054	14.2284	-14.6232	-497.6111	0.0000	1.7500	0.0000	8.7930

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39.9384	7.4059	7.7764	14.2345	7.0778	14.2488	14.2299	14.2264	-0.0025	-0.0013	8.9370	14.2240	-0.0002	14.2299	-14.7039	-497.6111	0.0000	1.7584	0.0000	0.2813
40.6362	7.4967	7.8849	14.2280	7.1844	14.2419	14.2299	14.2282	0.0047	0.0053	8.1535	14.2322	0.0017	14.2282	-14.6452	-497.6111	0.0000	1.7617	0.0000	0.6602
40.2621	7.4544	7.7937	14.2275	7.0577	14.2332	14.2293	14.2352	-0.0019	-0.0001	7.7652	14.2286	0.0046	14.2339	-14.6525	-497.6111	0.0000	1.7594	0.0000	0.9922
39.1990	7.3014	7.5866	14.2322	6.8884	14.2192	14.2310	14.2288	0.0035	0.0029	7.4368	14.2286	-0.0030	14.2288	-14.6965	-497.6111	0.0000	1.7554	0.0000	1.3828
37.9828	7.1309	7.3581	14.2298	6.6011	14.2349	14.2276	14.2276	0.0005	0.0035	7.1507	14.2277	0.0027	14.2294	-14.7846	-497.6111	0.0000	1.7502	0.0000	1.7617
37.6853	7.0942	7.3229	14.2310	6.6103	14.2349	14.2299	14.2300	0.0102	-0.0097	7.1141	14.2213	0.0027	14.2299	-14.7259	-497.6111	0.0000	1.7485	0.0000	2.1406
37.8690	7.1185	7.3547	14.2304	6.6593	14.2401	14.2328	14.2370	0.0017	0.0065	7.3928	14.2295	-0.0030	14.2265	-14.8286	-497.6111	0.0000	1.7494	0.0000	2.4727
38.2912	7.1707	7.4493	14.2316	6.7980	14.2192	14.2339	14.2329	0.0017	0.0029	6.9080	14.2331	-0.0040	14.2271	-14.7186	-497.6111	0.0000	1.7519	0.0000	2.8633
39.3499	7.3281	7.6460	14.2304	6.9708	14.2227	14.2322	14.2305	0.0035	0.0017	7.3757	14.2368	-0.0002	14.2305	-14.6305	-497.6111	0.0000	1.7556	0.0000	3.2422
39.5424	7.3487	7.6766	14.2298	6.9817	14.2314	14.2316	14.2288	-0.0043	-0.0049	7.7692	14.2222	-0.0030	14.2288	-14.6745	-497.6111	0.0000	1.7569	0.0000	3.5703
38.8249	7.2472	7.5081	14.2304	6.7537	14.2244	14.2282	14.2329	-0.0001	0.0035	7.4214	14.2386	0.0046	14.2288	-14.7919	-497.6111	0.0000	1.7540	0.0000	3.9609
37.5759	7.0718	7.2733	14.2328	6.5251	14.2436	14.2270	14.2323	-0.0007	0.0029	8.2928	14.2377	0.0027	14.2345	-14.6525	-497.6111	0.0000	1.7486	0.0000	4.3438
37.0903	7.0059	7.1827	14.2304	6.4785	14.2366	14.2305	14.2352	0.0017	-0.0007	7.6635	14.2286	-0.0002	14.2254	-14.7479	-497.6111	0.0000	1.7462	0.0000	4.6719
37.0750	6.9990	7.2041	14.2322	6.4814	14.2332	14.2299	14.2323	0.0047	-0.0007	7.4151	14.2322	0.0008	14.2276	-14.7039	-497.6111	0.0000	1.7466	0.0000	5.0625
37.1165	7.0065	7.2156	14.2298	6.4935	14.2419	14.2310	14.2300	0.0005	-0.0007	7.7560	14.2231	-0.0049	14.2311	-14.7626	-497.6111	0.0000	1.7466	0.0000	5.4414
37.2193	7.0227	7.2300	14.2328	6.5614	14.2279	14.2282	14.2352	0.0017	-0.0025	7.5356	14.2259	0.0027	14.2265	-14.6599	-497.6111	0.0000	1.7469	0.0000	5.8203
38.0068	7.1284	7.3800	14.2316	6.6247	14.2384	14.2316	14.2294	0.0029	0.0029	7.3054	14.2304	0.0056	14.2237	-14.7039	-497.6111	0.0000	1.7509	0.0000	6.1523
38.5121	7.1993	7.4729	14.2280	6.8188	14.2471	14.2282	14.2335	0.0041	-0.0001	7.1221	14.2286	-0.0021	14.2311	-14.7259	-497.6111	0.0000	1.7531	0.0000	6.5430
38.4268	7.1788	7.4562	14.2339	6.7048	14.2349	14.2316	14.2346	0.0029	0.0053	7.4808	14.2313	0.0036	14.2350	-14.7699	-465.5650	0.0000	1.7535	0.0000	6.9219
37.8778	7.1085	7.3460	14.2328	6.5758	14.2366	14.2322	14.2300	0.0017	0.0017	8.3294	14.2350	-0.0040	14.2220	-14.6892	-104.4144	0.0000	1.7505	0.0000	7.2500
36.6418	6.9362	7.1152	14.2333	6.3651	14.2349	14.2259	14.2276	0.0071	-0.0025	8.1381	14.2240	-0.0097	14.2248	-14.6965	-113.4737	0.0000	1.7448	0.0000	7.6406
36.1256	6.8634	7.0120	14.2316	6.2764	14.2401	14.2270	14.2282	-0.0013	-0.0007	8.0712	14.2268	-0.0068	14.2328	-14.7039	-138.1526	0.0000	1.7424	0.0000	8.0234
36.0556	6.8565	7.0137	14.2316	6.2586	14.2436	14.2299	14.2264	0.0023	0.0077	7.6458	14.2304	-0.0002	14.2271	-14.6158	-157.9895	0.0000	1.7418	0.0000	8.4102
36.1168	6.8646	7.0264	14.2298	6.3098	14.2419	14.2265	14.2282	-0.0025	-0.0001	7.4870	14.2186	-0.0059	14.2311	-14.6232	-174.1037	0.0000	1.7421	0.0000	8.7422

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38.2460	7.1388	7.3888	14.2914	6.6747	14.2882	14.2916	14.2877	-0.0001	0.0039	8.5301	14.2850	0.0048	14.2896	-14.7626	-32.7205	0.0000	1.7541	0.0000	0.2695
38.3313	7.1494	7.4003	14.2873	6.6321	14.2847	14.2916	14.2871	0.0041	0.0027	7.7745	14.2850	0.0000	14.2936	-14.6965	-31.0805	0.0000	1.7545	0.0000	0.5977
38.2766	7.1475	7.3992	14.2961	6.6470	14.2795	14.2910	14.2900	-0.0056	-0.0009	7.3914	14.2823	0.0020	14.2867	-14.6012	-32.5643	0.0000	1.7538	0.0000	0.9883
38.2110	7.1301	7.3865	14.2902	6.6776	14.2917	14.2927	14.2918	0.0023	-0.0003	7.0978	14.2941	-0.0009	14.2828	-14.6745	-28.5553	0.0000	1.7543	0.0000	1.3672
38.1344	7.1164	7.3450	14.2902	6.5900	14.2777	14.2899	14.2894	-0.0025	0.0009	6.8997	14.2978	-0.0028	14.2873	-14.7112	-28.9197	0.0000	1.7542	0.0000	1.6992
37.9376	7.0872	7.3207	14.2884	6.5520	14.2917	14.2893	14.2900	0.0053	0.0057	6.9225	14.2823	0.0000	14.2919	-14.6965	-24.7545	0.0000	1.7535	0.0000	2.0898
37.7144	7.0629	7.2798	14.2896	6.5094	14.2934	14.2899	14.2871	-0.0025	0.0033	7.2680	14.2932	0.0020	14.2845	-14.7112	-47.0385	0.0000	1.7519	0.0000	2.4180
37.4935	7.0293	7.2486	14.2879	6.5031	14.2864	14.2927	14.2906	-0.0013	-0.0003	6.7632	14.2805	0.0067	14.2930	-14.7699	-48.8607	0.0000	1.7511	0.0000	2.7969
37.2988	7.0020	7.2151	14.2890	6.4668	14.2829	14.2864	14.2947	0.0047	0.0051	7.1721	14.2878	0.0048	14.2907	-14.8286	-35.6101	0.0000	1.7503	0.0000	3.1797
37.1282	6.9740	7.1678	14.2861	6.4398	14.2829	14.2899	14.2830	-0.0025	-0.0038	7.4593	14.2859	-0.0057	14.2924	-14.7479	-29.5185	0.0000	1.7499	0.0000	3.5078
36.9619	6.9553	7.1303	14.2884	6.4058	14.2882	14.2899	14.2877	-0.0001	-0.0062	7.1612	14.2914	0.0010	14.2947	-14.6452	-48.7306	0.0000	1.7487	0.0000	3.8984
36.8504	6.9360	7.1176	14.2879	6.3776	14.2864	14.2922	14.2929	-0.0050	-0.0050	7.9430	14.2932	0.0039	14.2890	-14.6232	-35.1155	0.0000	1.7486	0.0000	4.2773
36.7235	6.9198	7.0917	14.2896	6.3672	14.2882	14.2904	14.2877	0.0029	0.0015	7.4068	14.2950	-0.0028	14.2901	-14.6745	-45.9972	0.0000	1.7478	0.0000	4.6094
36.6119	6.8962	7.0715	14.2896	6.3183	14.2708	14.2927	14.2959	0.0011	0.0045	7.2120	14.2923	-0.0038	14.2884	-14.7332	-31.4970	0.0000	1.7481	0.0000	5.0000
36.4654	6.8807	7.0392	14.2879	6.3292	14.2777	14.2916	14.2859	-0.0032	-0.0074	7.5929	14.2814	0.0029	14.2907	-14.6672	-59.1957	0.0000	1.7469	0.0000	5.3789
36.3910	6.8682	7.0173	14.2920	6.2889	14.3056	14.2916	14.2929	0.0023	-0.0032	7.3200	14.2932	0.0010	14.2822	-14.7332	-35.2717	0.0000	1.7468	0.0000	5.7070
36.2773	6.8589	7.0103	14.2884	6.2791	14.2847	14.2870	14.2888	0.0029	0.0057	7.0527	14.2959	0.0039	14.2828	-14.6819	-27.8524	0.0000	1.7456	0.0000	6.0977
36.1963	6.8439	6.9890	14.2879	6.2682	14.2725	14.2876	14.2941	-0.0019	-0.0038	6.8477	14.2923	0.0020	14.2901	-14.6305	-32.0957	0.0000	1.7456	0.0000	6.4805
36.0607	6.8222	6.9682	14.2867	6.2008	14.2882	14.2916	14.2923	-0.0001	0.0063	7.1338	14.2805	0.0020	14.2884	-14.6892	-58.9614	0.0000	1.7452	0.0000	6.8086
35.9666	6.8135	6.9446	14.2902	6.1876	14.2829	14.2870	14.2929	-0.0074	-0.0050	8.0344	14.2887	0.0039	14.2890	-14.8066	-42.4827	0.0000	1.7443	0.0000	7.1875
35.8529	6.8060	6.9330	14.2896	6.2141	14.2864	14.2933	14.2877	-0.0013	0.0015	7.8522	14.2987	0.0067	14.2924	-14.6819	-22.0471	0.0000	1.7429	0.0000	7.5781
35.7982	6.7892	6.9180	14.2896	6.1577	14.2864	14.2916	14.2877	-0.0032	-0.0086	7.7980	14.2923	0.0000	14.2879	-14.6819	-28.8156	0.0000	1.7436	0.0000	7.9102
35.6998	6.7693	6.8921	14.2867	6.1651	14.2882	14.2945	14.2883	-0.0068	-0.0038	7.4410	14.2887	0.0058	14.2901	-14.7039	-41.0770	0.0000	1.7437	0.0000	8.2891
35.5729	6.7624	6.8880	14.2896	6.1174	14.2917	14.2887	14.2923	0.0059	0.0021	7.3017	14.2914	0.0000	14.2901	-14.6452	-32.2519	0.0000	1.7420	0.0000	8.6172

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37.3996	6.9817	7.5014	7.5065	7.7112	14.2044	14.2130	14.2073	-0.0021	0.0049	7.9293	14.2048	-0.0024	14.2105	-14.6085	-27.0714	0.0000	1.7540	0.0000	0.2695
38.7820	7.1876	7.7466	7.7164	6.4278	14.2184	14.2107	14.2132	-0.0021	0.0043	7.4982	14.2121	-0.0033	14.2048	-14.7039	-28.0086	0.0000	1.7587	0.0000	0.6602
39.3574	7.2641	7.8395	7.8640	7.8436	14.2149	14.2102	14.2062	-0.0039	0.0037	7.2069	14.2121	-0.0052	14.2105	-14.7406	-30.2734	0.0000	1.7614	0.0000	1.0391
39.3442	7.2679	7.8412	7.8258	7.5442	14.2132	14.2084	14.2120	-0.0003	-0.0040	7.0402	14.2094	-0.0043	14.2116	-14.7479	-31.2106	0.0000	1.7609	0.0000	1.3711
39.0905	7.2330	7.8268	7.7229	7.3841	14.2062	14.2107	14.2085	0.0009	0.0019	6.8254	14.2221	0.0043	14.2094	-14.7406	-32.0437	0.0000	1.7598	0.0000	1.7617
38.6617	7.1696	7.7137	7.7047	6.7675	14.2097	14.2148	14.2126	0.0039	-0.0016	6.8483	14.2094	0.0024	14.2122	-14.7406	-34.8031	0.0000	1.7583	0.0000	2.1406
38.3117	7.1136	7.6497	7.6676	7.3001	14.2219	14.2073	14.2132	0.0003	0.0025	7.3263	14.2057	0.0015	14.2116	-14.6745	-34.9333	0.0000	1.7575	0.0000	2.5195
37.9749	7.0769	7.5608	7.5806	7.1970	14.2044	14.2062	14.2126	0.0009	0.0007	7.4113	14.2066	-0.0043	14.2059	-14.7626	-36.0527	0.0000	1.7551	0.0000	2.9102
37.7189	7.0308	7.5135	7.5483	6.9667	14.1992	14.2096	14.2091	-0.0003	-0.0004	8.3182	14.2112	0.0072	14.2076	-14.7112	-36.9638	0.0000	1.7550	0.0000	3.2422
37.5111	7.0059	7.4824	7.5083	6.8735	14.2219	14.2096	14.2097	-0.0027	0.0091	8.3936	14.2048	0.0005	14.2145	-14.7626	-37.3543	0.0000	1.7536	0.0000	3.6211
37.3733	6.9761	7.4443	7.4936	6.5982	14.2166	14.2090	14.2103	-0.0009	-0.0064	8.2463	14.2066	-0.0043	14.2059	-14.6232	-38.3175	0.0000	1.7540	0.0000	4.0117
37.2486	6.9568	7.4322	7.4765	6.7583	14.2114	14.2084	14.2079	-0.0027	0.0055	7.8888	14.2057	0.0043	14.2059	-14.7332	-38.7340	0.0000	1.7537	0.0000	4.3906
37.0758	6.9332	7.4079	7.4754	6.2810	14.1870	14.2096	14.2126	-0.0015	0.0055	7.9818	14.2066	-0.0024	14.2094	-14.7552	-39.1506	0.0000	1.7528	0.0000	4.7813
37.0036	6.9300	7.3577	7.4507	6.8199	14.1992	14.2136	14.2126	0.0003	-0.0028	7.7049	14.2148	-0.0043	14.2088	-14.6525	-39.6712	0.0000	1.7519	0.0000	5.1094
36.8374	6.9132	7.3324	7.4389	6.3887	14.1940	14.2107	14.2079	-0.0015	0.0019	7.3771	14.2176	-0.0062	14.2122	-14.6158	-40.2960	0.0000	1.7505	0.0000	5.4922
36.7849	6.8933	7.2949	7.3983	6.3081	14.2114	14.2073	14.2108	0.0027	-0.0070	7.1544	14.1985	0.0005	14.2099	-14.7259	-40.9208	0.0000	1.7514	0.0000	5.8789
36.6821	6.8853	7.3024	7.3978	6.4169	14.2114	14.2130	14.2097	0.0027	0.0007	6.8854	14.2003	0.0043	14.2065	-14.6745	-42.0402	0.0000	1.7504	0.0000	6.2617
36.5814	6.8616	7.2891	7.4036	7.0468	14.2271	14.2176	14.2120	-0.0003	-0.0058	6.8997	14.2003	-0.0043	14.2076	-14.7406	-42.4827	0.0000	1.7508	0.0000	6.5898
36.4589	6.8560	7.3012	7.3495	7.0157	14.2079	14.2102	14.2132	-0.0033	0.0049	7.7409	14.2094	-0.0014	14.2099	-14.6965	-41.9881	0.0000	1.7492	0.0000	6.9688
36.3758	6.8349	7.2320	7.3284	6.3386	14.2149	14.2142	14.2108	0.0003	0.0037	8.2383	14.2094	-0.0033	14.2133	-14.6452	-43.1336	0.0000	1.7497	0.0000	7.3594
36.2839	6.8255	7.1795	7.3584	7.0986	14.2044	14.2159	14.2120	0.0045	0.0061	7.9242	14.2185	0.0005	14.2116	-14.6965	-43.1596	0.0000	1.7489	0.0000	7.7422
36.2161	6.8143	7.2014	7.3037	7.1216	14.2044	14.2067	14.2132	0.0021	-0.0010	7.8237	14.2021	-0.0014	14.2202	-14.6819	-43.2117	0.0000	1.7488	0.0000	8.0703
36.1111	6.7994	7.1720	7.3002	6.7669	14.2079	14.2153	14.2120	-0.0003	-0.0034	7.4770	14.2085	-0.0005	14.2139	-14.7552	-43.9926	0.0000	1.7483	0.0000	8.4609
36.0127	6.7851	7.1904	7.2760	7.0819	14.2097	14.2113	14.2120	0.0003	0.0019	7.3662	14.2094	0.0034	14.2111	-14.5572	-45.2943	0.0000	1.7479	0.0000	8.8398

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38.8853	7.2231	7.7778	7.7541	7.1861	14.2100	14.2242	14.2209	-0.0002	-0.0042	8.2124	14.2216	-0.0065	14.2216	-14.7039	-0.4400	0.0000	1.7572	0.0000	0.2070
39.2091	7.2611	7.8130	7.7953	7.7440	14.2291	14.2208	14.2185	0.0016	-0.0024	7.6956	14.2207	0.0078	14.2193	-14.6892	-3.9545	0.0000	1.7592	0.0000	0.5977
39.2966	7.2847	7.8378	7.7976	6.9126	14.2170	14.2242	14.2180	-0.0002	-0.0030	7.2879	14.2143	0.0088	14.2244	-14.7772	-4.7875	0.0000	1.7586	0.0000	0.9805
39.3075	7.2860	7.8822	7.7823	7.3254	14.2204	14.2208	14.2220	0.0016	0.0006	7.0680	14.2297	0.0059	14.2244	-14.7259	-6.8961	0.0000	1.7586	0.0000	1.3672
39.2222	7.2654	7.8101	7.7694	7.7198	14.2361	14.2219	14.2185	0.0004	0.0059	6.8761	14.2197	0.0050	14.2204	-14.7332	-7.5470	0.0000	1.7591	0.0000	1.6992
39.1194	7.2586	7.8107	7.7729	6.9800	14.2257	14.2202	14.2197	-0.0008	0.0000	6.8801	14.2261	-0.0017	14.2227	-14.7186	-8.0155	0.0000	1.7580	0.0000	2.0781
38.9881	7.2331	7.7888	7.7418	7.0278	14.2239	14.2219	14.2185	-0.0002	-0.0042	7.3632	14.2152	0.0012	14.2221	-14.7626	-9.0308	0.0000	1.7581	0.0000	2.4688
38.8963	7.2206	7.7461	7.7618	7.0387	14.2187	14.2225	14.2232	0.0010	0.0059	7.3838	14.2188	0.0040	14.2182	-14.7699	-10.4886	0.0000	1.7576	0.0000	2.8477
38.7453	7.1964	7.7507	7.7424	7.1878	14.2291	14.2173	14.2168	-0.0014	0.0035	8.4043	14.2143	0.0040	14.2170	-14.6452	-11.1134	0.0000	1.7573	0.0000	3.2383
38.6403	7.1808	7.7097	7.7059	7.6807	14.2309	14.2213	14.2215	0.0040	0.0012	8.5225	14.2234	0.0012	14.2238	-14.7112	-11.6861	0.0000	1.7569	0.0000	3.5703
38.4850	7.1634	7.6607	7.7083	7.1573	14.2309	14.2208	14.2168	0.0034	-0.0054	8.4140	14.2252	-0.0027	14.2199	-14.7259	-12.0506	0.0000	1.7559	0.0000	3.9492
38.3844	7.1466	7.6919	7.7012	7.4014	14.2117	14.2231	14.2226	0.0010	-0.0024	8.0417	14.2270	-0.0027	14.2210	-14.7626	-13.0398	0.0000	1.7557	0.0000	4.3281
38.2663	7.1298	7.6128	7.6665	6.6898	14.2396	14.2208	14.2209	0.0022	0.0041	8.1450	14.2216	-0.0036	14.2147	-14.7626	-13.3002	0.0000	1.7552	0.0000	4.7188
38.1460	7.1105	7.5903	7.6589	7.1608	14.2065	14.2185	14.2215	0.0028	-0.0042	7.8304	14.2252	-0.0017	14.2182	-14.7626	-14.3675	0.0000	1.7549	0.0000	5.0977
38.0125	7.0875	7.5592	7.6171	7.1521	14.2100	14.2236	14.2197	-0.0008	0.0030	7.5283	14.2152	0.0031	14.2210	-14.6452	-14.7059	0.0000	1.7548	0.0000	5.4297
37.8463	7.0676	7.5632	7.5789	6.5188	14.2291	14.2248	14.2209	0.0040	-0.0030	7.2639	14.2179	-0.0055	14.2204	-14.7993	-15.5390	0.0000	1.7537	0.0000	5.8203
37.6931	7.0458	7.4963	7.5771	7.3991	14.2239	14.2202	14.2232	-0.0020	-0.0018	7.0080	14.2143	-0.0046	14.2272	-14.6012	-16.0076	0.0000	1.7531	0.0000	6.1992
37.5881	7.0222	7.4928	7.5830	7.3410	14.2274	14.2196	14.2232	-0.0008	-0.0060	6.9766	14.2243	0.0031	14.2204	-14.7846	-16.9447	0.0000	1.7535	0.0000	6.5898
37.4350	7.0048	7.4467	7.5354	7.5736	14.2204	14.2145	14.2209	0.0004	0.0000	7.8190	14.2188	0.0097	14.2187	-14.6599	-16.9447	0.0000	1.7524	0.0000	6.9688
37.2885	6.9942	7.4444	7.5136	7.0825	14.2222	14.2190	14.2226	0.0022	-0.0036	8.3483	14.2216	0.0031	14.2238	-14.6745	-17.8038	0.0000	1.7508	0.0000	7.2969
37.1791	6.9712	7.4080	7.5260	7.1015	14.2204	14.2213	14.2191	0.0004	-0.0042	8.0411	14.2307	-0.0008	14.2216	-14.6305	-18.5067	0.0000	1.7511	0.0000	7.6797
37.0675	6.9594	7.3844	7.4972	6.6915	14.2204	14.2231	14.2185	0.0004	0.0012	7.9543	14.2152	-0.0065	14.2182	-14.8726	-18.9753	0.0000	1.7502	0.0000	8.0703
36.9144	6.9357	7.3630	7.4072	6.6881	14.2239	14.2208	14.2215	0.0016	-0.0006	7.5814	14.2261	-0.0008	14.2221	-14.8066	-19.8083	0.0000	1.7497	0.0000	8.4492
36.8291	6.9233	7.3336	7.4337	6.2787	14.2222	14.2202	14.2209	-0.0002	0.0035	7.4472	14.2125	0.0040	14.2278	-14.6525	-19.8344	0.0000	1.7494	0.0000	8.8398

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37.2261	6.9785	7.4305	7.6121	6.6976	14.2226	14.2190	14.2195	-0.0026	-0.0081	7.9257	14.2160	0.0060	14.2182	-14.6599	-10.6188	0.0000	1.7512	0.0000	0.2813
37.6876	7.0463	7.5130	7.6603	6.6487	14.2226	14.2207	14.2183	-0.0002	-0.0051	7.4962	14.2324	0.0050	14.2187	-14.6672	-3.4859	0.0000	1.7530	0.0000	0.6094
37.8058	7.0594	7.5020	7.6715	7.1847	14.2156	14.2196	14.2207	-0.0020	-0.0015	7.0782	14.2169	0.0022	14.2227	-14.6599	-9.5254	0.0000	1.7538	0.0000	0.9922
37.8211	7.0569	7.5320	7.6803	6.7638	14.2121	14.2178	14.2195	-0.0002	-0.0027	6.8332	14.2215	0.0012	14.2193	-14.6525	-11.9465	0.0000	1.7543	0.0000	1.3711
37.6898	7.0513	7.4628	7.6479	7.0885	14.2174	14.2178	14.2213	0.0004	0.0008	6.7024	14.2124	-0.0045	14.2233	-14.7919	-12.0766	0.0000	1.7525	0.0000	1.7617
37.5564	7.0208	7.4622	7.6356	6.7615	14.2330	14.2207	14.2224	0.0041	-0.0015	6.7504	14.2251	0.0003	14.2182	-14.7846	-14.3154	0.0000	1.7530	0.0000	2.0898
37.3617	6.9978	7.4322	7.5903	6.7696	14.2209	14.2184	14.2178	0.0047	-0.0010	7.0936	14.2142	0.0003	14.2187	-14.7186	-14.3154	0.0000	1.7518	0.0000	2.4727
37.1780	6.9772	7.4322	7.5586	7.3626	14.2209	14.2236	14.2154	0.0016	-0.0051	7.4323	14.2233	-0.0026	14.2153	-14.7699	-11.9985	0.0000	1.7505	0.0000	2.8594
37.0686	6.9710	7.3918	7.5351	7.1772	14.2104	14.2213	14.2195	0.0029	-0.0039	8.1592	14.2160	-0.0045	14.2164	-14.7039	-14.5758	0.0000	1.7491	0.0000	3.2422
36.9111	6.9430	7.4028	7.5303	7.3505	14.2191	14.2253	14.2183	0.0029	-0.0039	8.2832	14.2187	0.0003	14.2170	-14.6379	-11.8423	0.0000	1.7490	0.0000	3.6328
36.8170	6.9312	7.3699	7.5021	6.9054	14.2121	14.2265	14.2224	-0.0026	0.0032	8.0279	14.2251	-0.0035	14.2221	-14.7186	-15.5129	0.0000	1.7484	0.0000	3.9609
36.6792	6.9107	7.2984	7.4739	6.8813	14.2296	14.2184	14.2172	0.0053	0.0008	7.7138	14.2151	0.0088	14.2272	-14.7626	-16.6063	0.0000	1.7479	0.0000	4.3398
36.5742	6.8995	7.3163	7.4480	7.0741	14.2365	14.2190	14.2166	-0.0002	-0.0117	7.8669	14.2278	0.0108	14.2153	-14.5865	-20.4331	0.0000	1.7471	0.0000	4.7227
36.4955	6.8864	7.2880	7.4028	7.4616	14.2191	14.2219	14.2236	0.0041	0.0002	7.4825	14.2333	0.0031	14.2159	-14.6892	-11.9465	0.0000	1.7469	0.0000	5.1094
36.4080	6.8702	7.2805	7.4386	6.3902	14.2209	14.2190	14.2236	0.0004	0.0026	7.2067	14.2233	-0.0045	14.2176	-14.7332	-19.4959	0.0000	1.7469	0.0000	5.4414
36.3620	6.8677	7.2453	7.4163	6.4932	14.2261	14.2161	14.2189	0.0022	0.0014	6.9897	14.2224	-0.0007	14.2176	-14.6452	-13.9250	0.0000	1.7463	0.0000	5.8203
36.2111	6.8478	7.2528	7.3916	6.8450	14.2156	14.2253	14.2195	0.0016	-0.0027	6.7150	14.2242	0.0012	14.2210	-14.7039	-16.5282	0.0000	1.7455	0.0000	6.2109
36.1761	6.8335	7.2493	7.3304	6.6561	14.2191	14.2201	14.2213	-0.0008	0.0068	6.7824	14.2224	0.0022	14.2221	-14.6745	-12.2068	0.0000	1.7462	0.0000	6.5898
36.0558	6.8236	7.2164	7.3628	6.7598	14.2174	14.2224	14.2218	0.0022	-0.0039	7.6561	14.2187	0.0031	14.2182	-14.6965	-19.9125	0.0000	1.7450	0.0000	6.9805
36.0055	6.8149	7.1980	7.3698	6.3688	14.2243	14.2178	14.2218	0.0010	-0.0027	8.1438	14.2178	0.0003	14.2108	-14.6599	-19.7563	0.0000	1.7449	0.0000	7.3125
35.9180	6.7950	7.1876	7.3163	6.3418	14.2104	14.2224	14.2201	0.0029	0.0038	7.7949	14.2151	0.0031	14.2176	-14.6599	-12.7275	0.0000	1.7452	0.0000	7.6914
35.7823	6.7794	7.1489	7.3404	6.6262	14.2243	14.2219	14.2189	-0.0026	-0.0087	7.7110	14.2169	0.0041	14.2221	-14.7626	-23.9215	0.0000	1.7442	0.0000	8.0820
35.7320	6.7750	7.1213	7.3351	6.2589	14.2226	14.2161	14.2230	0.0035	0.0038	7.2804	14.2224	-0.0007	14.2204	-14.7406	-19.6521	0.0000	1.7437	0.0000	8.4609
35.6292	6.7514	7.1132	7.3028	6.5255	14.2209	14.2121	14.2178	-0.0008	0.0008	7.2490	14.2187	0.0069	14.2204	-14.7552	-14.9923	0.0000	1.7441	0.0000	8.8398

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38.6462	7.2613	7.7414	7.8201	7.0291	14.2144	14.2193	14.2252	0.0014	-0.0026	8.1842	14.2104	-0.0033	14.2179	-14.7112	-10.3325	0.0000	1.7497	0.0000	0.2227
39.1144	7.3253	7.7956	7.8971	7.7539	14.2109	14.2170	14.2193	0.0002	0.0087	7.6811	14.2049	0.0034	14.2179	-14.7919	-19.5740	0.0000	1.7519	0.0000	0.6133
39.2675	7.3241	7.8250	7.9082	7.3820	14.2196	14.2210	14.2211	-0.0052	-0.0020	7.2420	14.2213	0.0034	14.2224	-14.6672	-11.7382	0.0000	1.7545	0.0000	0.9922
39.2915	7.3241	7.8533	7.8836	7.5772	14.2179	14.2153	14.2217	0.0020	0.0069	7.0358	14.2222	-0.0042	14.2161	-14.6745	-4.6573	0.0000	1.7549	0.0000	1.3828
39.2718	7.3067	7.7956	7.8900	7.0688	14.2126	14.2222	14.2223	0.0026	0.0099	7.0546	14.2258	0.0063	14.2184	-14.6672	-1.1169	0.0000	1.7562	0.0000	1.7109
39.1647	7.2781	7.7846	7.8906	7.0377	14.2196	14.2228	14.2193	-0.0010	0.0045	7.0215	14.2113	0.0015	14.2247	-14.6379	-11.6861	0.0000	1.7570	0.0000	2.0898
39.0990	7.2687	7.8008	7.8700	7.6158	14.2074	14.2153	14.2187	0.0002	-0.0008	7.2591	14.2213	0.0015	14.2144	-14.7112	-6.9742	0.0000	1.7567	0.0000	2.4805
38.9940	7.2488	7.7223	7.8559	7.5576	14.2266	14.2222	14.2246	0.0014	0.0039	7.6331	14.2267	-0.0004	14.2190	-14.7626	-12.4671	0.0000	1.7567	0.0000	2.8633
38.8672	7.2277	7.7448	7.8412	7.3290	14.2266	14.2228	14.2211	-0.0016	0.0111	8.3590	14.2167	-0.0014	14.2247	-14.6599	-12.1547	0.0000	1.7565	0.0000	3.2500
38.8125	7.2152	7.6825	7.8118	6.9899	14.2231	14.2216	14.2199	-0.0004	-0.0002	8.5143	14.2204	0.0044	14.2218	-14.7332	-15.5129	0.0000	1.7567	0.0000	3.5703
38.7315	7.1984	7.6589	7.8353	7.2409	14.2144	14.2153	14.2170	0.0014	0.0051	8.2733	14.2204	-0.0004	14.2196	-14.6965	-17.2571	0.0000	1.7569	0.0000	3.9609
38.6287	7.1823	7.6883	7.7801	7.0815	14.2179	14.2182	14.2223	0.0020	0.0004	7.9118	14.2213	0.0044	14.2230	-14.6599	-20.6674	0.0000	1.7566	0.0000	4.3398
38.5194	7.1717	7.6352	7.7818	6.8471	14.2248	14.2176	14.2199	0.0032	0.0057	8.0632	14.2204	0.0025	14.2230	-14.7259	-17.6737	0.0000	1.7557	0.0000	4.7305
38.4209	7.1530	7.6375	7.7636	7.7246	14.2213	14.2205	14.2199	-0.0010	-0.0026	7.6845	14.2277	-0.0014	14.2247	-14.7112	-19.7302	0.0000	1.7557	0.0000	5.1133
38.3159	7.1368	7.5625	7.7336	7.4730	14.2231	14.2205	14.2193	0.0014	-0.0032	7.4327	14.2167	-0.0042	14.2207	-14.6819	-21.9690	0.0000	1.7554	0.0000	5.4414
38.2787	7.1368	7.6029	7.7142	7.0072	14.2144	14.2228	14.2193	0.0020	-0.0020	7.1940	14.2213	0.0015	14.2139	-14.6599	-17.9340	0.0000	1.7548	0.0000	5.8320
38.1825	7.1157	7.5752	7.7195	6.8563	14.2092	14.2199	14.2211	-0.0022	0.0051	6.9353	14.2313	-0.0080	14.2167	-14.6379	-19.8083	0.0000	1.7551	0.0000	6.2109
38.0053	7.0864	7.5717	7.6625	7.2795	14.2179	14.2170	14.2199	0.0014	0.0021	7.0250	14.2295	-0.0023	14.2190	-14.6965	-13.1700	0.0000	1.7547	0.0000	6.6016
37.8872	7.0808	7.4869	7.6925	7.0492	14.2213	14.2228	14.2199	0.0026	0.0039	7.9427	14.2140	-0.0014	14.2190	-14.7259	-21.9690	0.0000	1.7532	0.0000	6.9805
37.7384	7.0497	7.5187	7.6584	6.9617	14.2126	14.2164	14.2176	-0.0046	0.0016	8.3396	14.2240	-0.0004	14.2196	-14.6525	-13.4824	0.0000	1.7535	0.0000	7.3125
37.6772	7.0491	7.4708	7.6460	6.7919	14.2213	14.2233	14.2211	0.0002	0.0051	7.9849	14.2149	-0.0014	14.2184	-14.6379	-18.4026	0.0000	1.7525	0.0000	7.6914
37.5481	7.0273	7.4189	7.6278	7.3095	14.2179	14.2239	14.2158	-0.0004	-0.0050	7.9204	14.2186	-0.0023	14.2196	-14.6305	-19.2096	0.0000	1.7523	0.0000	8.0820
37.4147	7.0093	7.4367	7.6025	6.6381	14.2179	14.2251	14.2170	-0.0010	0.0069	7.4584	14.2186	-0.0004	14.2213	-14.6305	-10.1763	0.0000	1.7516	0.0000	8.4609
37.3097	6.9925	7.3865	7.5819	6.9076	14.2248	14.2216	14.2187	-0.0052	-0.0050	7.4447	14.2286	-0.0052	14.2179	-14.7552	-24.4942	0.0000	1.7514	0.0000	8.7930

Run 20

33.7985	6.5012	6.5825	6.3814	6.0374	14.0181	14.0176	14.0208	-0.0073	0.0058	7.2170	9.3881	-0.8424	8.7514	-18.0255	18.9687	0.0665	1.7343	0.0000	0.3789
33.6606	6.4763	6.5600	6.3662	5.6908	14.0181	14.0165	14.0214	-0.0036	0.0040	6.8458	9.3700	-0.8405	8.7406	-17.9173	18.8271	0.0664	1.7341	0.0000	1.0391
33.5053	6.4601	6.5363	6.2968	5.7461	14.0181	14.0245	14.0273	-0.0073	0.0106	6.4684	9.3581	-0.8519	8.7173	-17.9981	18.6855	0.0668	1.7327	0.0000	1.7500
33.3938	6.4402	6.5040	6.3091	5.7893	14.0060	14.0182	14.0226	-0.0115	-0.0001	6.2965	9.3418	-0.8567	8.6963	-18.0102	19.0395	0.0670	1.7325	0.0000	2.4102
33.2778	6.4209	6.5219	6.2850	5.7732	14.0164	14.0182	14.0197	-0.0024	0.0022	7.7944	9.3254	-0.8634	8.6775	-18.0280	18.8271	0.0672	1.7322	0.0000	3.0703
33.1291	6.3979	6.4261	6.2609	5.8780	14.0251	14.0211	14.0208	0.0006	0.0124	7.7761	9.3072	-0.8577	8.6593	-17.9839	18.9687	0.0669	1.7316	0.0000	3.7305
33.0044	6.3830	6.4319	6.2562	5.5204	14.0164	14.0193	14.0191	-0.0115	0.0034	7.5328	9.2918	-0.8596	8.6366	-18.0641	18.8271	0.0669	1.7307	0.0000	4.3906
32.8600	6.3631	6.4250	6.2227	5.4369	14.0094	14.0205	14.0220	-0.0012	0.0070	6.9092	9.2818	-0.8615	8.6104	-18.0292	18.8271	0.0670	1.7298	0.0000	5.0508
32.7660	6.3444	6.3933	6.2062	5.6091	14.0147	14.0228	14.0191	0.0036	-0.0055	6.7722	9.2563	-0.8710	8.5923	-18.0626	18.8271	0.0673	1.7299	0.0000	5.7109
32.6063	6.3307	6.3713	6.1627	5.4519	14.0234	14.0199	14.0208	-0.0109	0.0112	6.5506	9.2481	-0.8720	8.5797	-17.9737	18.7563	0.0673	1.7281	0.0000	6.3672
32.4947	6.3034	6.3477	6.1704	5.6574	14.0129	14.0199	14.0220	-0.0024	-0.0055	6.9235	9.2290	-0.8767	8.5593	-18.0650	18.8979	0.0674	1.7287	0.0000	7.0781
32.3766	6.2922	6.3090	6.1122	5.6367	14.0251	14.0188	14.0226	-0.0054	0.0142	6.4872	9.2145	-0.8758	8.5388	-18.0289	18.8271	0.0673	1.7275	0.0000	7.7383
32.2278	6.2617	6.3350	6.0975	5.6914	14.0094	14.0239	14.0243	-0.0060	0.0016	6.3142	9.1972	-0.8910	8.5189	-18.0542	18.8271	0.0679	1.7276	0.0000	8.3984
32.0922	6.2405	6.2756	6.0945	5.3022	13.9972	14.0233	14.0267	0.0030	-0.0025	6.2382	9.1754	-0.8872	8.4973	-18.0846	18.8979	0.0676	1.7271	0.0000	9.0586
31.9741	6.2262	6.2288	6.0880	5.3431	14.0147	14.0239	14.0238	-0.0066	0.0040	6.3661	9.1790	-0.8967	8.4899	-18.0337	18.8271	0.0680	1.7262	0.0000	9.7188
31.8122	6.2026	6.2213	6.0528	5.3615	14.0251	14.0199	14.0232	0.0012	0.0010	6.3656	9.1426	-0.8967	8.4677	-18.0958	18.8271	0.0679	1.7253	0.0000	10.3789
31.7160	6.1914	6.2058	6.0187	5.2982	14.0216	14.0193	14.0226	-0.0030	0.0004	6.1183	9.1281	-0.9044	8.4473	-18.0822	18.7563	0.0682	1.7245	0.0000	11.0391
31.5979	6.1690	6.1908	5.9757	5.3828	14.0112	14.0199	14.0220	-0.0060	0.0016	6.1623	9.1208	-0.8967	8.4308	-18.1359	18.8979	0.0678	1.7244	0.0000	11.6875
31.4797	6.1547	6.1417	5.9752	5.2826	13.9955	14.0193	14.0220	-0.0042	0.0112	6.3284	9.1008	-0.9025	8.4109	-18.1497	19.1103	0.0680	1.7235	0.0000	12.3477
31.3725	6.1372	6.1590	5.9881	5.4116	14.0216	14.0170	14.0220	-0.0054	-0.0043	7.2776	9.0953	-0.9025	8.4012	-18.1187	18.8979	0.0680	1.7231	0.0000	13.0703
31.2544	6.1167	6.1071	5.9311	5.3005	13.9990	14.0251	14.0243	-0.0085	0.0034	6.9149	9.0708	-0.9072	8.3961	-18.0792	18.8271	0.0681	1.7228	0.0000	13.7305
31.1297	6.1012	6.0938	5.9364	5.5578	14.0060	14.0159	14.0156	-0.0048	0.0112	6.7539	9.0599	-0.9148	8.3592	-18.1820	18.8271	0.0683	1.7219	0.0000	14.3906
31.0313	6.0794	6.0598	5.8940	5.3154	14.0077	14.0216	14.0226	-0.0054	0.0106	6.4958	9.0435	-0.9110	8.3478	-18.1440	18.8979	0.0681	1.7221	0.0000	15.0391
30.9372	6.0713	6.0471	5.8781	5.1122	13.9990	14.0216	14.0150	-0.0073	0.0094	7.5511	9.0317	-0.9110	8.3370	-18.1823	18.8271	0.0681	1.7210	0.0000	15.6992

Run 22

38.1943	7.1766	7.6584	7.3481	8.3028	14.0231	14.0226	14.0217	0.0066	0.0021	8.4513	14.0219	0.0023	7.1922	-18.0912	20.3159	0.0000	1.7497	0.0000	0.3906
38.2183	7.1809	7.6538	7.3693	7.8456	14.0405	14.0152	14.0159	0.0060	-0.0039	7.7854	14.0147	0.0032	7.2030	-18.0997	20.1739	0.0000	1.7497	0.0000	0.9922
38.1527	7.1654	7.6411	7.3575	8.3932	14.0196	14.0192	14.0264	-0.0055	-0.0021	7.3725	14.0201	0.0013	7.1916	-18.0922	19.9611	0.0000	1.7500	0.0000	1.5430
38.0368	7.1523	7.6151	7.3734	7.2509	14.0249	14.0209	14.0235	0.0035	-0.0003	7.1064	14.0310	0.0090	7.1570	-18.0876	20.3159	0.0000	1.7492	0.0000	2.0898
37.8793	7.1243	7.5724	7.3058	7.5353	14.0109	14.0220	14.0217	-0.0019	-0.0033	7.0093	14.0229	-0.0025	7.1359	-18.1157	20.1030	0.0000	1.7491	0.0000	2.6914
37.7437	7.1013	7.5470	7.2646	7.7230	14.0301	14.0232	14.0223	0.0023	0.0057	6.9882	14.0174	0.0080	7.1018	-18.1292	20.1030	0.0000	1.7488	0.0000	3.2422
37.5555	7.0746	7.4945	7.2517	7.9550	14.0336	14.0197	14.0194	-0.0019	0.0033	7.3234	14.0110	-0.0053	7.0722	-18.1223	19.9611	0.0000	1.7480	0.0000	3.7930
37.3609	7.0472	7.4674	7.2517	7.8312	14.0283	14.0226	14.0217	0.0047	0.0021	8.0886	14.0265	0.0061	7.0336	-18.1588	20.1030	0.0000	1.7471	0.0000	4.4023
37.1465	7.0154	7.4161	7.1794	7.6044	14.0196	14.0157	14.0159	0.0023	0.0027	8.2080	14.0156	0.0042	7.0029	-18.1434	20.1030	0.0000	1.7463	0.0000	4.9531
36.9452	6.9893	7.3693	7.1835	8.2573	14.0249	14.0192	14.0246	-0.0037	-0.0003	7.8322	14.0210	0.0080	6.9767	-18.1723	20.1739	0.0000	1.7452	0.0000	5.5000
36.7549	6.9619	7.3220	7.1706	7.0885	14.0336	14.0249	14.0235	0.0054	-0.0105	7.8134	14.0174	0.0023	6.9534	-18.1564	20.1739	0.0000	1.7444	0.0000	6.1016
36.6346	6.9327	7.2816	7.0489	7.8750	14.0214	14.0197	14.0229	0.0023	0.0039	7.4576	14.0174	-0.0025	6.9233	-18.1518	20.0320	0.0000	1.7450	0.0000	6.6523
36.5099	6.9159	7.2753	7.0888	8.0633	14.0318	14.0238	14.0141	0.0035	-0.0063	7.5204	14.0065	-0.0006	6.9062	-18.1868	20.2449	0.0000	1.7444	0.0000	7.2500
36.3721	6.8966	7.2459	7.0977	5.4580	14.0162	14.0220	14.0170	-0.0013	-0.0051	7.5278	14.0165	-0.0006	6.8676	-18.1898	20.1030	0.0000	1.7437	0.0000	7.8008
36.1796	6.8717	7.1986	7.0095	7.9096	14.0214	14.0215	14.0182	0.0047	0.0027	7.3634	14.0283	-0.0044	6.8556	-18.1672	20.2449	0.0000	1.7426	0.0000	8.3516
36.0199	6.8481	7.1864	6.9965	7.8675	14.0196	14.0284	14.0211	0.0054	0.0069	7.1081	14.0147	-0.0006	6.8261	-18.1705	20.1030	0.0000	1.7419	0.0000	8.9609
35.8756	6.8201	7.1634	6.9466	6.9406	14.0231	14.0232	14.0205	0.0011	0.0039	6.8289	14.0183	0.0023	6.8005	-18.1660	20.1030	0.0000	1.7420	0.0000	9.5117
35.7727	6.8077	7.1120	7.0036	6.6694	14.0214	14.0197	14.0270	-0.0031	0.0009	6.7689	14.0229	-0.0006	6.7846	-18.1835	20.1739	0.0000	1.7413	0.0000	10.0508
35.6327	6.7784	7.0988	6.9413	6.7160	14.0249	14.0203	14.0223	-0.0025	-0.0027	7.3011	14.0183	-0.0063	6.7527	-18.1811	19.9611	0.0000	1.7416	0.0000	10.6602
35.5256	6.7585	7.0491	6.9613	6.1109	14.0179	14.0180	14.0153	-0.0104	-0.0057	7.8682	14.0110	0.0051	6.7431	-18.1799	20.1030	0.0000	1.7415	0.0000	11.2109
35.3987	6.7398	7.0572	6.8954	6.2192	14.0092	14.0203	14.0211	0.0035	0.0003	7.8522	14.0138	-0.0015	6.7152	-18.2007	20.1030	0.0000	1.7410	0.0000	11.8125
35.2718	6.7243	7.0099	6.9636	6.8865	14.0162	14.0226	14.0135	-0.0049	-0.0075	7.7094	14.0092	0.0004	6.6947	-18.2215	20.1030	0.0000	1.7401	0.0000	12.3633
35.0902	6.6919	6.9857	6.8631	7.0310	14.0179	14.0232	14.0199	0.0035	0.0027	7.1464	14.0229	0.0023	6.6652	-18.2196	20.1030	0.0000	1.7399	0.0000	12.9727
34.9852	6.6733	6.9505	6.8590	6.1812	14.0405	14.0243	14.0223	0.0029	0.0039	7.1549	14.0219	0.0023	6.6515	-18.2040	20.1739	0.0000	1.7398	0.0000	13.5117

Run 23

39.7376	7.3771	14.0133	14.0193	7.2891	14.0161	14.0138	14.0183	0.0007	0.0055	8.3297	9.7551	-0.5712	9.3283	-23.3333	21.1685	0.0554	1.7576	0.0000	0.3906
39.6457	7.3578	14.0214	14.0223	6.8636	14.0248	14.0236	14.0265	0.0013	0.0026	7.8466	9.7306	-0.5827	9.3038	-23.3333	20.7420	0.0559	1.7578	0.0000	1.0508
39.2913	7.3242	14.0220	14.0258	7.3006	14.0283	14.0184	14.0218	0.0031	0.0055	7.5256	9.6951	-0.5903	9.2481	-23.3333	20.6710	0.0561	1.7549	0.0000	1.7109
38.9566	7.2570	14.0214	14.0193	7.2355	14.0056	14.0247	14.0241	0.0062	-0.0004	7.2989	9.6524	-0.6008	9.2117	-23.3333	20.8131	0.0565	1.7554	0.0000	2.4180
38.6745	7.2266	14.0220	14.0223	6.7680	14.0283	14.0196	14.0230	0.0001	-0.0058	7.5730	9.6242	-0.5970	9.1708	-23.3333	20.7420	0.0563	1.7533	0.0000	3.0781
38.4316	7.1942	14.0254	14.0199	6.9350	14.0091	14.0138	14.0247	-0.0011	-0.0034	7.5411	9.6014	-0.5903	9.1430	-23.3333	20.7420	0.0559	1.7522	0.0000	3.7383
38.2785	7.1712	14.0226	14.0188	6.7064	14.0195	14.0161	14.0130	0.0031	0.0043	8.8677	9.5769	-0.6008	9.1162	-23.3333	20.8131	0.0563	1.7516	0.0000	4.3984
38.0991	7.1550	14.0202	14.0217	6.7663	14.0074	14.0213	14.0183	0.0044	0.0031	8.0619	9.5551	-0.6113	9.0867	-23.3333	20.8841	0.0568	1.7500	0.0000	5.0586
37.9285	7.1227	14.0197	14.0211	6.6702	14.0300	14.0219	14.0171	-0.0011	-0.0028	7.7621	9.5196	-0.6170	9.0759	-23.3333	20.8131	0.0569	1.7501	0.0000	5.7188
37.7404	7.0996	14.0237	14.0223	6.9937	14.0195	14.0236	14.0247	0.0031	-0.0040	7.4257	9.5069	-0.6208	9.0429	-23.3333	20.7420	0.0571	1.7489	0.0000	6.3711
37.6113	7.0835	14.0231	14.0223	6.6011	14.0143	14.0184	14.0177	-0.0065	-0.0004	7.6039	9.4969	-0.6160	9.0111	-23.3333	20.8841	0.0568	1.7482	0.0000	7.0313
37.4363	7.0561	14.0174	14.0217	6.5855	14.0143	14.0196	14.0224	0.0007	0.0043	7.6941	9.4760	-0.6189	9.0156	-23.3333	20.8841	0.0569	1.7476	0.0000	7.6914
37.3007	7.0337	14.0202	14.0182	7.0006	14.0387	14.0190	14.0247	-0.0005	-0.0010	7.2218	9.4569	-0.6189	8.9735	-23.3333	20.8131	0.0568	1.7473	0.0000	8.3516
37.1301	6.9989	14.0220	14.0205	6.5901	14.0265	14.0184	14.0189	0.0001	0.0037	7.2098	9.4341	-0.6408	8.9508	-23.3333	20.6710	0.0578	1.7476	0.0000	9.0117
36.9792	6.9845	14.0179	14.0223	6.7116	14.0317	14.0242	14.0206	-0.0047	0.0026	7.3794	9.4105	-0.6408	8.9366	-23.3333	20.8131	0.0577	1.7463	0.0000	9.6680
36.7823	6.9429	14.0197	14.0217	6.5187	14.0230	14.0213	14.0195	-0.0011	0.0020	7.2418	9.3941	-0.6294	8.9201	-23.3333	20.8841	0.0572	1.7467	0.0000	10.3281
36.6576	6.9285	14.0249	14.0199	6.5193	14.0213	14.0236	14.0212	0.0062	0.0031	6.9854	9.3750	-0.6475	8.9036	-23.3333	20.8841	0.0579	1.7458	0.0000	10.9883
36.4892	6.9030	14.0179	14.0199	6.3328	14.0387	14.0236	14.0253	0.0031	0.0026	6.8872	9.3587	-0.6322	8.8581	-23.3333	20.9552	0.0572	1.7452	0.0000	11.6484
36.3404	6.8862	14.0174	14.0188	6.6494	14.0230	14.0173	14.0230	0.0013	-0.0040	7.0899	9.3396	-0.6379	8.8388	-23.3333	21.0974	0.0574	1.7441	0.0000	12.3086
36.1851	6.8657	14.0249	14.0241	6.5452	14.0352	14.0219	14.0241	-0.0017	0.0037	7.9968	9.3205	-0.6542	8.8388	-23.3333	20.8131	0.0581	1.7433	0.0000	12.9688
36.0276	6.8327	14.0174	14.0205	6.1549	14.0213	14.0213	14.0265	0.0050	0.0049	8.1595	9.2950	-0.6503	8.8149	-23.3333	20.8131	0.0578	1.7436	0.0000	13.6211
35.8942	6.8184	14.0272	14.0252	6.5124	14.0248	14.0207	14.0247	0.0007	-0.0028	7.6981	9.2805	-0.6580	8.7808	-23.3333	20.7420	0.0582	1.7425	0.0000	14.2813
35.7388	6.7898	14.0197	14.0211	6.1981	14.0213	14.0236	14.0224	0.0025	0.0031	7.2726	9.2623	-0.6618	8.7603	-23.3333	20.8131	0.0583	1.7424	0.0000	14.9414
35.6098	6.7668	14.0214	14.0223	6.2556	14.0248	14.0161	14.0189	0.0025	-0.0022	7.3595	9.2504	-0.6637	8.7450	-23.3333	20.7420	0.0583	1.7423	0.0000	15.6602

Run 24

38.3169	7.1752	14.0285	14.0286	7.0348	14.0335	14.0315	14.0301	0.0013	0.0009	8.2839	8.8834	-0.3642	8.6261	-23.3333	20.7420	0.0420	1.7519	0.0000	0.3906
38.0873	7.1385	14.0279	14.0309	6.7677	14.0317	14.0217	14.0318	-0.0041	-0.0015	7.6758	8.8497	-0.3661	8.5880	-23.3333	20.6710	0.0420	1.7513	0.0000	1.0469
37.8991	7.1086	14.0308	14.0286	6.7153	14.0370	14.0326	14.0289	-0.0035	0.0093	7.3011	8.8425	-0.3728	8.5625	-23.3333	20.8131	0.0424	1.7508	0.0000	1.7578
37.7416	7.0744	14.0325	14.0345	6.6404	14.0370	14.0292	14.0289	0.0050	0.0051	7.0373	8.8379	-0.3823	8.5693	-23.3333	20.8131	0.0429	1.7513	0.0000	2.4180
37.5666	7.0601	14.0273	14.0327	6.8771	14.0265	14.0315	14.0254	0.0007	0.0021	6.9465	8.8197	-0.3919	8.5295	-23.3333	20.6710	0.0434	1.7496	0.0000	3.0781
37.3916	7.0346	14.0319	14.0245	6.6738	14.0300	14.0275	14.0225	0.0025	0.0075	6.9265	8.8152	-0.3966	8.5261	-23.3333	20.7420	0.0437	1.7489	0.0000	3.7383
37.2210	7.0041	14.0262	14.0327	6.6842	14.0352	14.0292	14.0312	-0.0035	0.0027	8.5975	8.7870	-0.4014	8.5067	-23.3333	20.6710	0.0439	1.7487	0.0000	4.3984
37.0504	6.9780	14.0325	14.0304	6.4809	14.0282	14.0263	14.0277	-0.0011	-0.0056	7.9430	8.7652	-0.3976	8.4783	-23.3333	20.6710	0.0436	1.7482	0.0000	5.0586
36.8995	6.9568	14.0250	14.0304	6.6324	14.0300	14.0315	14.0289	-0.0035	-0.0009	7.5638	8.7497	-0.4042	8.4578	-23.3333	20.5999	0.0440	1.7475	0.0000	5.7188
36.7201	6.9263	14.0250	14.0333	6.6042	14.0387	14.0349	14.0265	0.0007	0.0057	7.2446	8.7261	-0.4042	8.4334	-23.3333	20.6710	0.0439	1.7471	0.0000	6.3789
36.5473	6.9120	14.0262	14.0333	6.6387	14.0352	14.0355	14.0312	-0.0029	0.0069	7.3942	8.6988	-0.4138	8.3987	-23.3333	20.8841	0.0444	1.7454	0.0000	7.0273
36.4051	6.8902	14.0325	14.0251	6.4861	14.0335	14.0298	14.0277	0.0019	-0.0009	7.3508	8.6815	-0.4128	8.3902	-23.3333	20.5999	0.0443	1.7449	0.0000	7.7500
36.2410	6.8548	14.0296	14.0315	6.5782	14.0352	14.0292	14.0289	0.0007	-0.0021	7.1155	8.6633	-0.4157	8.3578	-23.3333	20.7420	0.0444	1.7453	0.0000	8.4102
36.0792	6.8342	14.0308	14.0327	6.4476	14.0178	14.0280	14.0318	0.0001	0.0033	7.0213	8.6397	-0.4166	8.3288	-23.3333	20.8131	0.0444	1.7444	0.0000	9.0703
35.9020	6.8143	14.0267	14.0315	6.3767	14.0282	14.0349	14.0347	0.0013	-0.0021	7.3017	8.6179	-0.4224	8.3157	-23.3333	20.6710	0.0446	1.7430	0.0000	9.7305
35.7576	6.7894	14.0244	14.0356	6.3773	14.0282	14.0223	14.0312	-0.0011	-0.0021	7.0721	8.5942	-0.4243	8.2833	-23.3333	20.6710	0.0447	1.7428	0.0000	10.3906
35.5913	6.7646	14.0285	14.0298	6.2777	14.0387	14.0246	14.0312	-0.0011	0.0027	6.8654	8.5688	-0.4214	8.2736	-23.3333	20.5999	0.0445	1.7421	0.0000	11.0391
35.4251	6.7378	14.0302	14.0321	6.3174	14.0195	14.0344	14.0277	0.0013	0.0027	6.6867	8.5515	-0.4309	8.2418	-23.3333	20.8131	0.0449	1.7417	0.0000	11.6992
35.2829	6.7167	14.0331	14.0321	6.2846	14.0230	14.0275	14.0301	0.0037	-0.0015	6.9031	8.5287	-0.4309	8.2174	-23.3333	20.8131	0.0449	1.7411	0.0000	12.3594
35.0992	6.6868	14.0285	14.0374	6.2927	14.0300	14.0298	14.0271	-0.0029	-0.0003	7.7751	8.5115	-0.4300	8.1997	-23.3333	20.6710	0.0448	1.7406	0.0000	13.0195
34.9351	6.6706	14.0302	14.0245	6.2224	14.0352	14.0338	14.0306	-0.0011	0.0039	7.9796	8.4869	-0.4357	8.1633	-23.3333	20.7420	0.0450	1.7391	0.0000	13.6797
34.7776	6.6408	14.0273	14.0368	5.9213	14.0370	14.0303	14.0341	-0.0017	-0.0033	7.5764	8.4696	-0.4367	8.1594	-23.3333	20.7420	0.0450	1.7391	0.0000	14.3398
34.5917	6.6190	14.0314	14.0321	6.0981	14.0265	14.0263	14.0318	0.0019	-0.0038	7.0516	8.4478	-0.4509	8.1304	-23.3333	20.6710	0.0457	1.7377	0.0000	15.0469
34.4648	6.5984	14.0285	14.0356	6.0727	14.0335	14.0257	14.0289	0.0056	0.0087	7.1167	8.4342	-0.4405	8.1116	-23.3333	20.6710	0.0451	1.7373	0.0000	15.7070

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38.9176	7.2460	14.0252	14.0292	6.9091	14.0262	14.0272	14.0347	0.0023	-0.0079	8.0383	9.3475	-0.4808	8.9997	-23.3333	20.9552	0.0496	1.7557	0.0000	0.3789
38.9614	7.2498	14.0292	14.0262	7.2096	14.0193	14.0295	14.0301	0.0017	-0.0025	7.6083	9.3412	-0.4903	8.9809	-23.3333	20.8131	0.0501	1.7561	0.0000	1.0391
38.8236	7.2386	14.0281	14.0315	6.8158	14.0315	14.0306	14.0330	-0.0001	-0.0085	7.2748	9.3139	-0.4931	8.9513	-23.3333	20.8841	0.0502	1.7548	0.0000	1.6992
38.5611	7.1931	14.0281	14.0333	6.6500	14.0140	14.0301	14.0301	0.0035	-0.0049	7.0418	9.2893	-0.5046	8.9161	-23.3333	20.8131	0.0507	1.7545	0.0000	2.3594
38.2308	7.1446	14.0309	14.0297	6.5676	14.0193	14.0301	14.0242	-0.0019	0.0005	6.9504	9.2384	-0.5008	8.8689	-23.3333	20.8841	0.0504	1.7533	0.0000	3.0195
37.9158	7.1011	14.0281	14.0274	6.6851	14.0123	14.0278	14.0289	0.0011	-0.0090	6.9133	9.2057	-0.5055	8.8228	-23.3333	20.5289	0.0505	1.7518	0.0000	3.6797
37.6183	7.0631	14.0292	14.0333	6.4220	14.0280	14.0272	14.0306	-0.0043	-0.0043	8.7333	9.1684	-0.5046	8.7887	-23.3333	20.7420	0.0504	1.7502	0.0000	4.3398
37.3820	7.0270	14.0298	14.0303	6.5129	14.0175	14.0318	14.0359	0.0023	-0.0055	7.8544	9.1302	-0.5074	8.7495	-23.3333	20.8841	0.0504	1.7494	0.0000	5.0000
37.1939	6.9984	14.0257	14.0344	6.7778	14.0315	14.0306	14.0306	0.0059	-0.0055	7.4752	9.1038	-0.5189	8.7222	-23.3333	20.8841	0.0510	1.7488	0.0000	5.6602
36.9598	6.9654	14.0315	14.0303	6.5774	14.0140	14.0289	14.0219	-0.0019	-0.0007	7.1720	9.0738	-0.5160	8.6881	-23.3333	21.0263	0.0507	1.7477	0.0000	6.3672
36.7848	6.9368	14.0275	14.0327	6.4496	14.0262	14.0341	14.0295	0.0053	0.0023	7.2708	9.0474	-0.5160	8.6648	-23.3333	20.9552	0.0507	1.7473	0.0000	7.0273
36.5748	6.9095	14.0263	14.0297	6.5135	14.0175	14.0289	14.0353	-0.0007	-0.0090	7.2971	9.0193	-0.5275	8.6449	-23.3333	20.3869	0.0512	1.7461	0.0000	7.6875
36.4086	6.8839	14.0281	14.0309	6.1876	14.0332	14.0260	14.0271	-0.0019	-0.0085	6.9773	9.0020	-0.5398	8.6045	-23.3333	20.8841	0.0517	1.7456	0.0000	8.3477
36.2380	6.8628	14.0292	14.0297	6.2435	14.0262	14.0289	14.0324	0.0041	-0.0031	6.8790	8.9802	-0.5398	8.5875	-23.3333	20.7420	0.0517	1.7445	0.0000	9.0078
36.0411	6.8292	14.0315	14.0292	6.2251	14.0210	14.0289	14.0283	-0.0013	-0.0007	7.1412	8.9547	-0.5303	8.5624	-23.3333	20.6710	0.0511	1.7442	0.0000	9.6602
35.8836	6.8099	14.0257	14.0297	6.3350	14.0297	14.0306	14.0301	-0.0049	0.0023	6.9664	8.9283	-0.5370	8.5346	-23.3333	20.7420	0.0514	1.7431	0.0000	10.3203
35.7020	6.7844	14.0240	14.0280	6.3483	14.0123	14.0226	14.0271	-0.0019	-0.0114	6.7500	8.9047	-0.5456	8.5124	-23.3333	20.7420	0.0517	1.7423	0.0000	10.9805
35.5205	6.7539	14.0263	14.0297	6.3759	14.0227	14.0272	14.0324	-0.0025	-0.0067	6.5512	8.8847	-0.5351	8.4828	-23.3333	20.8841	0.0512	1.7419	0.0000	11.6367
35.3542	6.7297	14.0275	14.0280	6.1059	14.0140	14.0324	14.0306	0.0066	-0.0049	6.7465	8.8574	-0.5446	8.4652	-23.3333	20.8131	0.0516	1.7411	0.0000	12.2969
35.1770	6.7035	14.0263	14.0315	6.1376	14.0245	14.0301	14.0283	-0.0013	-0.0055	7.5780	8.8374	-0.5522	8.4260	-23.3333	20.7420	0.0519	1.7404	0.0000	13.0195
35.0239	6.6786	14.0246	14.0344	5.9879	14.0106	14.0289	14.0312	-0.0019	-0.0055	7.8407	8.8219	-0.5532	8.4078	-23.3333	20.9552	0.0519	1.7400	0.0000	13.6680
34.8511	6.6606	14.0269	14.0280	6.1416	14.0262	14.0278	14.0347	0.0053	-0.0049	7.4233	8.7983	-0.5579	8.3896	-23.3333	20.8841	0.0520	1.7385	0.0000	14.3281
34.6914	6.6357	14.0234	14.0280	5.9913	14.0123	14.0341	14.0289	-0.0025	-0.0001	6.9453	8.7701	-0.5570	8.3674	-23.3333	20.7420	0.0519	1.7379	0.0000	14.9883
34.5317	6.6090	14.0257	14.0274	5.9585	14.0193	14.0324	14.0289	0.0090	-0.0025	6.9847	8.7483	-0.5627	8.3396	-23.3333	20.6710	0.0521	1.7376	0.0000	15.6484

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34.2077	6.5617	14.0353	14.0295	5.9066	14.0318	14.0302	14.0352	0.0080	-0.0025	7.1965	11.2768	-1.5574	10.1236	-23.3333	19.9611	0.1005	1.7361	0.0000	0.3906
34.1530	6.5499	14.0393	14.0295	5.9538	14.0300	14.0371	14.0317	0.0013	0.0058	6.8264	11.2768	-1.5659	10.1219	-23.3333	19.8192	0.1008	1.7362	0.0000	1.0508
34.0699	6.5349	14.0335	14.0307	6.2711	14.0283	14.0330	14.0312	0.0074	0.0035	6.5180	11.2932	-1.5745	10.1020	-23.3333	19.7483	0.1011	1.7361	0.0000	1.7109
33.9124	6.5082	14.0283	14.0307	6.2014	14.0318	14.0342	14.0317	0.0037	0.0154	6.4649	11.2850	-1.5879	10.0849	-23.3333	19.6773	0.1016	1.7358	0.0000	2.3711
33.7505	6.4833	14.0306	14.0301	5.7466	14.0353	14.0365	14.0236	0.0080	0.0023	8.3700	11.2778	-1.5898	10.0735	-23.3333	19.6064	0.1016	1.7351	0.0000	3.0820
33.5668	6.4584	14.0318	14.0295	6.0016	14.0196	14.0307	14.0335	0.0025	0.0047	8.3517	11.2632	-1.5869	10.0570	-23.3333	19.8192	0.1015	1.7341	0.0000	3.7422
33.4180	6.4354	14.0341	14.0331	6.0080	14.0353	14.0336	14.0335	0.0049	0.0100	7.4506	11.2450	-1.6079	10.0263	-23.3333	19.6773	0.1021	1.7335	0.0000	4.4023
33.2233	6.4130	14.0341	14.0307	5.9325	14.0440	14.0371	14.0282	0.0019	0.0035	6.9737	11.2441	-1.6031	10.0303	-23.3333	19.6064	0.1019	1.7319	0.0000	5.0625
33.0461	6.3850	14.0278	14.0295	5.9890	14.0074	14.0417	14.0294	0.0110	-0.0001	6.9361	11.2259	-1.6098	9.9945	-23.3333	19.8192	0.1021	1.7313	0.0000	5.7227
32.8383	6.3539	14.0289	14.0313	5.7840	14.0231	14.0302	14.0358	0.0062	0.0047	6.9104	11.1868	-1.6098	9.9649	-23.3333	19.8192	0.1019	1.7304	0.0000	6.3828
32.6611	6.3240	14.0347	14.0284	6.0062	14.0318	14.0376	14.0306	0.0098	0.0052	6.6408	11.2005	-1.6231	9.9649	-23.3333	19.6773	0.1024	1.7299	0.0000	7.0313
32.4555	6.2917	14.0341	14.0295	5.6815	14.0248	14.0296	14.0288	0.0176	0.0130	6.3604	11.1586	-1.6155	9.9212	-23.3333	19.6773	0.1020	1.7291	0.0000	7.6914
32.2936	6.2693	14.0335	14.0307	5.7443	14.0335	14.0319	14.0282	-0.0017	0.0023	6.2787	11.1495	-1.6174	9.9189	-23.3333	19.8901	0.1020	1.7282	0.0000	8.3516
32.1208	6.2456	14.0283	14.0319	5.7328	14.0335	14.0307	14.0294	0.0001	0.0106	6.1445	11.1350	-1.6345	9.8973	-23.3333	19.8901	0.1026	1.7271	0.0000	9.0117
31.9458	6.2120	14.0353	14.0336	5.6073	14.0266	14.0342	14.0323	0.0128	0.0160	6.2496	11.1250	-1.6279	9.8728	-23.3333	19.6064	0.1023	1.7271	0.0000	9.6719
31.7752	6.2009	14.0330	14.0289	5.5669	14.0178	14.0296	14.0358	0.0140	-0.0007	6.3633	11.1050	-1.6498	9.8592	-23.3333	19.8192	0.1029	1.7247	0.0000	10.3320
31.5390	6.1635	14.0353	14.0336	5.8065	14.0457	14.0371	14.0300	0.0080	0.0029	6.1154	11.0877	-1.6479	9.8319	-23.3333	19.6773	0.1028	1.7238	0.0000	10.9922
31.3421	6.1268	14.0260	14.0319	5.5894	14.0353	14.0348	14.0317	-0.0023	-0.0019	6.0829	11.0695	-1.6422	9.8092	-23.3333	19.8901	0.1025	1.7236	0.0000	11.6523
31.1890	6.1131	14.0312	14.0348	5.6297	14.0335	14.0388	14.0358	0.0001	0.0076	6.2114	11.0504	-1.6469	9.7972	-23.3333	19.6773	0.1026	1.7218	0.0000	12.3125
31.0183	6.0889	14.0312	14.0348	5.4535	14.0370	14.0307	14.0312	0.0037	-0.0001	7.2096	11.0422	-1.6555	9.7779	-23.3333	19.5355	0.1029	1.7208	0.0000	13.0195
30.8893	6.0665	14.0272	14.0360	5.6049	14.0231	14.0290	14.0358	-0.0017	0.0041	6.9046	11.0304	-1.6717	9.7711	-23.3333	19.6064	0.1034	1.7205	0.0000	13.6797
30.7843	6.0478	14.0318	14.0301	5.4368	14.0300	14.0296	14.0323	0.0013	0.0023	6.7933	11.0086	-1.6879	9.7489	-23.3333	19.7483	0.1038	1.7203	0.0000	14.3398
30.6880	6.0341	14.0283	14.0366	5.3942	14.0370	14.0342	14.0265	-0.0035	0.0064	7.3718	10.9922	-1.6679	9.7443	-23.3333	19.8192	0.1031	1.7197	0.0000	15.0000
30.5437	6.0142	14.0278	14.0384	5.3971	14.0266	14.0336	14.0352	-0.0017	-0.0001	7.1308	10.9768	-1.6670	9.7074	-23.3333	19.8192	0.1030	1.7188	0.0000	15.6602

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38.7125	7.2393	14.0325	14.0333	7.0341	14.0263	14.0345	14.0284	-0.0006	0.0162	7.7618	11.7232	-1.4382	10.6544	-23.3333	19.3938	0.0980	1.7528	0.0000	0.3828
38.9094	7.2717	14.0331	14.0316	7.1527	14.0246	14.0362	14.0301	-0.0006	0.0049	7.4648	11.7650	-1.4468	10.6715	-23.3333	19.5355	0.0985	1.7532	0.0000	1.0430
38.8460	7.2642	14.0291	14.0316	6.8251	14.0176	14.0293	14.0266	0.0121	0.0138	7.2284	11.7386	-1.4592	10.6601	-23.3333	19.5355	0.0988	1.7528	0.0000	1.7031
38.6600	7.2443	14.0429	14.0339	6.8171	14.0455	14.0287	14.0284	0.0049	0.0019	7.1524	11.7313	-1.4630	10.6237	-23.3333	19.8901	0.0989	1.7515	0.0000	2.3594
38.4610	7.2032	14.0406	14.0322	6.7359	14.0263	14.0281	14.0313	-0.0018	0.0049	9.2289	11.7132	-1.4725	10.6027	-23.3333	19.6064	0.0992	1.7518	0.0000	3.0195
38.2269	7.1759	14.0354	14.0316	6.6582	14.0316	14.0368	14.0296	-0.0036	0.0096	9.2117	11.6777	-1.4735	10.5856	-23.3333	19.4646	0.0991	1.7503	0.0000	3.6797
37.9710	7.1317	14.0360	14.0292	6.7647	14.0368	14.0316	14.0325	0.0024	0.0138	8.3477	11.6731	-1.4916	10.5327	-23.3333	19.3938	0.0997	1.7500	0.0000	4.3398
37.7107	7.0894	14.0348	14.0281	6.8666	14.0403	14.0339	14.0260	0.0018	0.0031	7.8080	11.6195	-1.4801	10.5083	-23.3333	19.3938	0.0991	1.7493	0.0000	5.0000
37.4438	7.0595	14.0291	14.0298	6.3087	14.0229	14.0339	14.0319	0.0091	0.0049	7.6790	11.6040	-1.4887	10.4793	-23.3333	19.5355	0.0994	1.7475	0.0000	5.6602
37.1616	7.0110	14.0273	14.0345	6.5050	14.0263	14.0368	14.0272	0.0024	0.0126	7.4682	11.5731	-1.5040	10.4321	-23.3333	19.5355	0.0998	1.7470	0.0000	6.3203
36.9254	6.9761	14.0366	14.0286	6.3403	14.0298	14.0379	14.0296	0.0103	0.0162	7.5973	11.5377	-1.5030	10.4054	-23.3333	19.4646	0.0996	1.7461	0.0000	6.9805
36.6913	6.9457	14.0366	14.0333	6.7687	14.0246	14.0333	14.0296	-0.0030	0.0150	7.0999	11.5086	-1.4982	10.3548	-23.3333	19.5355	0.0993	1.7448	0.0000	7.6328
36.4835	6.9146	14.0279	14.0281	6.4192	14.0403	14.0413	14.0260	0.0115	0.0055	6.9851	11.4776	-1.5144	10.3247	-23.3333	19.5355	0.0998	1.7440	0.0000	8.2930
36.1947	6.8735	14.0296	14.0328	6.3714	14.0298	14.0310	14.0313	0.0043	0.0061	6.8166	11.4522	-1.5078	10.3025	-23.3333	19.2520	0.0994	1.7427	0.0000	8.9531
35.9694	6.8355	14.0320	14.0333	6.4043	14.0351	14.0293	14.0290	0.0169	0.0061	6.9577	11.4258	-1.5211	10.2706	-23.3333	19.2520	0.0998	1.7422	0.0000	9.6094
35.7638	6.8057	14.0337	14.0310	6.1659	14.0316	14.0339	14.0255	0.0012	-0.0059	7.0645	11.4104	-1.5306	10.2485	-23.3333	19.3938	0.1001	1.7413	0.0000	10.2695
35.5691	6.7789	14.0302	14.0316	6.3697	14.0229	14.0310	14.0255	-0.0012	0.0031	6.8281	11.3876	-1.5421	10.2428	-23.3333	19.3938	0.1004	1.7403	0.0000	10.9297
35.3854	6.7503	14.0360	14.0333	6.4244	14.0263	14.0299	14.0284	0.0067	0.0102	6.7572	11.3603	-1.5507	10.1950	-23.3333	19.3229	0.1006	1.7397	0.0000	11.6406
35.1666	6.7155	14.0331	14.0310	6.1590	14.0316	14.0350	14.0255	0.0061	0.0090	6.8543	11.3358	-1.5516	10.1711	-23.3333	19.3938	0.1005	1.7390	0.0000	12.3008
34.9566	6.6744	14.0348	14.0239	6.0410	14.0263	14.0322	14.0331	0.0097	0.0043	7.7949	11.3131	-1.5345	10.1359	-23.3333	18.9687	0.0998	1.7391	0.0000	12.9609
34.7182	6.6452	14.0325	14.0316	6.1993	14.0246	14.0356	14.0348	0.0103	0.0126	7.6761	11.2894	-1.5507	10.1137	-23.3333	19.5355	0.1003	1.7375	0.0000	13.6211
34.5038	6.6128	14.0308	14.0322	6.1774	14.0298	14.0293	14.0301	-0.0036	0.0126	7.5173	11.2685	-1.5554	10.0836	-23.3333	19.4646	0.1004	1.7366	0.0000	14.2813
34.3113	6.5910	14.0337	14.0310	6.4008	14.0438	14.0356	14.0336	0.0018	0.0037	7.3352	11.2539	-1.5659	10.0597	-23.3333	19.4646	0.1007	1.7351	0.0000	14.9414
34.1341	6.5680	14.0320	14.0275	6.0341	14.0368	14.0368	14.0296	0.0103	0.0120	8.0319	11.2276	-1.5649	10.0432	-23.3333	19.3229	0.1005	1.7340	0.0000	15.6016

Run 28

39.7917	7.4052	14.0368	14.0269	7.1371	14.0222	14.0386	14.0278	0.0012	-0.0223	8.1439	14.9082	-2.7252	12.8076	-23.3333	18.7563	0.1547	1.7560	0.0000	0.3828
39.5489	7.3592	14.0316	14.0287	7.2995	14.0257	14.0323	14.0243	0.0006	-0.0079	7.7305	14.8745	-2.7424	12.7957	-23.3333	18.8979	0.1551	1.7561	0.0000	1.0430
39.2711	7.3287	14.0316	14.0275	7.1199	14.0153	14.0277	14.0307	0.0133	-0.0079	7.4569	14.8755	-2.7462	12.8070	-23.3333	18.8271	0.1552	1.7542	0.0000	1.7031
38.9758	7.2876	14.0259	14.0263	7.0652	14.0257	14.0277	14.0266	0.0133	-0.0103	8.2445	14.8655	-2.7500	12.8013	-23.3333	18.8979	0.1553	1.7529	0.0000	2.3594
38.6564	7.2378	14.0265	14.0246	7.0496	14.0222	14.0300	14.0272	0.0115	-0.0091	9.6659	14.8591	-2.7586	12.7110	-23.3333	18.6147	0.1555	1.7520	0.0000	3.0195
38.3677	7.1974	14.0282	14.0310	6.8216	14.0275	14.0289	14.0313	0.0024	-0.0073	9.6641	14.7281	-2.7405	12.6297	-23.3333	18.6855	0.1544	1.7508	0.0000	3.6211
38.0964	7.1588	14.0224	14.0275	6.9552	14.0066	14.0380	14.0342	-0.0012	-0.0133	8.4323	14.7045	-2.7529	12.6183	-23.3333	18.8979	0.1546	1.7496	0.0000	4.2813
37.8273	7.1221	14.0241	14.0234	6.9759	14.0118	14.0289	14.0313	0.0078	-0.0031	7.8984	14.7063	-2.7557	12.5881	-23.3333	18.8271	0.1547	1.7484	0.0000	4.9414
37.5845	7.0860	14.0340	14.0281	7.0444	14.0205	14.0352	14.0284	0.0078	-0.0079	7.9504	14.6991	-2.7557	12.5762	-23.3333	18.7563	0.1547	1.7475	0.0000	5.6016
37.3505	7.0456	14.0311	14.0275	6.5539	14.0170	14.0248	14.0319	0.0187	-0.0133	7.8241	14.6963	-2.7719	12.5546	-23.3333	18.8979	0.1552	1.7471	0.0000	6.2617
37.1361	7.0120	14.0305	14.0281	6.5568	14.0240	14.0266	14.0301	0.0084	-0.0109	7.3359	14.6854	-2.7805	12.5432	-23.3333	18.8979	0.1554	1.7465	0.0000	6.9219
36.8780	6.9716	14.0276	14.0275	6.8343	14.0118	14.0243	14.0284	0.0109	-0.0079	7.1480	14.6718	-2.7862	12.5194	-23.3333	18.8271	0.1555	1.7457	0.0000	7.5195
36.6155	6.9293	14.0311	14.0258	6.4768	14.0118	14.0340	14.0325	0.0084	-0.0019	6.9527	14.6609	-2.7758	12.5176	-23.3333	18.8271	0.1551	1.7450	0.0000	8.1797
36.3399	6.8919	14.0253	14.0263	6.4865	14.0344	14.0283	14.0296	0.0235	0.0058	6.8105	14.6545	-2.7729	12.5006	-23.3333	18.6855	0.1550	1.7436	0.0000	8.8398
36.0774	6.8658	14.0357	14.0293	6.3363	14.0188	14.0294	14.0313	0.0012	-0.0211	6.9418	14.6527	-2.8158	12.5017	-23.3333	18.7563	0.1563	1.7413	0.0000	9.5000
35.8324	6.8291	14.0270	14.0263	6.5936	14.0205	14.0289	14.0307	0.0054	-0.0097	7.0732	14.6536	-2.8072	12.4835	-23.3333	18.5439	0.1561	1.7403	0.0000	10.1602
35.6333	6.7880	14.0224	14.0263	6.7117	14.0327	14.0260	14.0319	0.0151	-0.0001	6.8499	14.6463	-2.8329	12.4682	-23.3333	18.6147	0.1568	1.7406	0.0000	10.7617
35.4386	6.7625	14.0241	14.0305	6.7445	14.0066	14.0294	14.0348	0.0054	-0.0055	6.8305	14.6436	-2.8310	12.4545	-23.3333	18.6855	0.1568	1.7395	0.0000	11.4219
35.2264	6.7302	14.0190	14.0252	6.2839	14.0222	14.0323	14.0307	0.0229	-0.0109	6.9230	14.6399	-2.8320	12.4398	-23.3333	18.7563	0.1568	1.7387	0.0000	12.0820
35.0208	6.6972	14.0247	14.0281	6.4054	14.0327	14.0277	14.0301	0.0024	-0.0067	7.9058	14.6463	-2.8634	12.4597	-23.3333	18.6855	0.1578	1.7381	0.0000	12.7422
34.7889	6.6630	14.0230	14.0269	6.4019	14.0275	14.0248	14.0266	0.0102	-0.0061	7.9275	14.6499	-2.8672	12.4312	-23.3333	18.7563	0.1579	1.7371	0.0000	13.4023
34.5461	6.6250	14.0224	14.0263	6.6806	14.0275	14.0312	14.0342	0.0054	-0.0103	8.3398	14.6427	-2.8911	12.4255	-23.3333	18.8979	0.1586	1.7362	0.0000	14.0000
34.2989	6.5896	14.0213	14.0275	6.3593	14.0153	14.0323	14.0296	0.0078	-0.0151	8.0891	14.6463	-2.8663	12.4267	-23.3333	18.9687	0.1579	1.7350	0.0000	14.6602
34.0605	6.5510	14.0276	14.0258	6.3127	14.0153	14.0289	14.0272	0.0000	-0.0187	7.8550	14.6454	-2.8911	12.4045	-23.3333	18.4732	0.1586	1.7343	0.0000	15.3203

Run 29

42.3267	7.7319	14.0294	14.0301	7.6420	14.0103	14.0301	14.0290	-0.0096	0.0030	8.4301	14.8076	-2.5281	12.8644	-23.3333	19.1103	0.1480	1.7682	0.0000	0.4414
42.2217	7.7139	14.0300	14.0307	7.7808	14.0295	14.0295	14.0314	-0.0072	-0.0018	8.1114	14.9950	-2.6301	12.9582	-23.3333	19.2520	0.1521	1.7681	0.0000	1.0430
41.9920	7.6853	14.0306	14.0295	7.8286	14.0312	14.0284	14.0296	-0.0084	-0.0036	7.8727	15.0368	-2.6758	12.9815	-23.3333	18.9687	0.1538	1.7670	0.0000	1.7031
41.6310	7.6355	14.0317	14.0283	7.7975	14.0260	14.0301	14.0320	-0.0078	0.0132	7.8922	15.0495	-2.7044	12.9730	-23.3333	18.6855	0.1547	1.7656	0.0000	2.3633
41.2679	7.5864	14.0294	14.0224	7.4964	14.0190	14.0255	14.0337	-0.0066	-0.0006	10.1245	14.9613	-2.6520	12.8957	-23.3333	19.0395	0.1527	1.7641	0.0000	3.0234
40.8020	7.5204	14.0271	14.0289	7.1941	14.0295	14.0284	14.0325	-0.0114	-0.0012	10.0931	14.9240	-2.6949	12.9031	-23.3333	18.6855	0.1538	1.7623	0.0000	3.6836
40.3251	7.4495	14.0329	14.0307	7.1694	14.0173	14.0238	14.0214	-0.0060	-0.0006	8.8259	14.9277	-2.7015	12.8394	-23.3333	18.8979	0.1541	1.7608	0.0000	4.3438
39.8854	7.3810	14.0294	14.0295	7.3444	14.0278	14.0267	14.0343	-0.0048	0.0090	8.2371	14.9277	-2.7320	12.8178	-23.3333	18.6855	0.1550	1.7597	0.0000	5.0000
39.4436	7.3263	14.0306	14.0360	7.1348	14.0469	14.0295	14.0343	-0.0066	0.0000	8.2268	14.9122	-2.7425	12.8013	-23.3333	18.7563	0.1553	1.7573	0.0000	5.6602
39.0761	7.2678	14.0341	14.0277	7.1607	14.0208	14.0295	14.0331	-0.0096	-0.0030	8.2171	14.8995	-2.7625	12.7604	-23.3333	18.8271	0.1558	1.7564	0.0000	6.3203
38.7939	7.2274	14.0277	14.0318	6.8590	14.0330	14.0249	14.0331	-0.0102	0.0072	7.6866	14.9022	-2.7587	12.7581	-23.3333	18.8271	0.1557	1.7553	0.0000	6.9219
38.4789	7.1807	14.0277	14.0283	7.1815	14.0208	14.0261	14.0343	-0.0096	0.0012	7.3919	14.9058	-2.7930	12.7416	-23.3333	18.8271	0.1568	1.7542	0.0000	7.5820
38.2033	7.1459	14.0294	14.0307	6.7358	14.0330	14.0290	14.0284	-0.0126	0.0024	7.2194	14.8995	-2.7978	12.7297	-23.3333	18.8979	0.1569	1.7527	0.0000	8.2422
37.9298	7.1023	14.0294	14.0283	7.0669	14.0295	14.0295	14.0267	-0.0108	0.0060	7.0384	14.9049	-2.8207	12.7336	-23.3333	18.7563	0.1577	1.7520	0.0000	8.9023
37.6389	7.0631	14.0277	14.0265	7.0911	14.0243	14.0324	14.0308	-0.0102	-0.0048	7.1954	14.8986	-2.8169	12.6938	-23.3333	18.9687	0.1575	1.7505	0.0000	9.5625
37.3283	7.0140	14.0346	14.0312	6.8895	14.0365	14.0238	14.0302	-0.0078	-0.0048	7.3239	14.8877	-2.8293	12.7035	-23.3333	18.8979	0.1579	1.7497	0.0000	10.2109
37.0308	6.9729	14.0381	14.0265	6.8965	14.0208	14.0284	14.0343	-0.0078	-0.0066	7.0578	14.8986	-2.8388	12.6933	-23.3333	18.6855	0.1582	1.7483	0.0000	10.8711
36.7398	6.9344	14.0346	14.0236	6.5084	14.0643	14.0290	14.0273	-0.0090	0.0024	7.0475	14.8922	-2.8521	12.6785	-23.3333	18.7563	0.1586	1.7467	0.0000	11.5313
36.4905	6.8995	14.0346	14.0307	6.7042	14.0312	14.0284	14.0296	-0.0072	0.0048	7.0704	14.8895	-2.8902	12.6802	-23.3333	18.7563	0.1598	1.7456	0.0000	12.1914
36.2455	6.8553	14.0375	14.0283	6.8613	14.0173	14.0227	14.0302	-0.0108	0.0000	7.9830	14.8958	-2.8969	12.6569	-23.3333	18.8271	0.1600	1.7454	0.0000	12.8516
35.9983	6.8211	14.0323	14.0277	6.6840	14.0312	14.0307	14.0337	-0.0072	0.0096	8.0698	14.8913	-2.8960	12.6603	-23.3333	18.8271	0.1599	1.7441	0.0000	13.4609
35.7314	6.7751	14.0323	14.0254	6.8895	14.0330	14.0284	14.0337	-0.0078	0.0072	8.3222	14.8968	-2.9112	12.6421	-23.3333	18.8271	0.1604	1.7437	0.0000	14.1133
35.4667	6.7415	14.0346	14.0254	6.3812	14.0208	14.0290	14.0261	-0.0138	0.0066	8.3147	14.8877	-2.9188	12.6279	-23.3333	19.0395	0.1606	1.7421	0.0000	14.7734
35.1911	6.6979	14.0335	14.0289	6.5884	14.0208	14.0307	14.0331	-0.0102	0.0006	8.0281	14.8904	-2.9103	12.6222	-23.3333	18.8271	0.1604	1.7412	0.0000	15.4336

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50.0212	8.8186	14.1425	9.6011	9.3584	14.1555	14.1587	14.1382	-0.0066	-0.0017	10.4793	14.1461	0.0011	14.1517	-23.3333	21.0263	0.0000	1.7915	0.0000	0.3906
50.8437	8.9125	14.1460	9.7087	9.4436	14.1450	14.1524	14.1323	-0.0066	0.0031	9.9493	14.1525	0.0068	14.1523	-23.3333	20.8131	0.0000	1.7953	0.0000	0.9922
51.1324	8.9710	14.1460	9.7011	9.7620	14.1503	14.1552	14.1282	-0.0060	0.0049	9.5382	14.1470	0.0011	14.1500	-23.3333	20.9552	0.0000	1.7947	0.0000	1.5391
51.0733	8.9890	14.1489	9.6576	9.4551	14.1590	14.1524	14.1329	-0.0084	-0.0017	9.2641	14.1388	-0.0103	14.1495	-23.3333	21.0263	0.0000	1.7926	0.0000	2.1406
50.8633	9.0040	14.1495	9.5858	9.5041	14.1468	14.1598	14.1317	-0.0060	-0.0011	9.1378	14.1498	0.0059	14.1472	-23.3333	20.8131	0.0000	1.7888	0.0000	2.6914
50.5943	9.0058	14.1454	9.5647	9.1315	14.1363	14.1552	14.1335	-0.0078	0.0043	9.1167	14.1570	-0.0027	14.1506	-23.3333	20.8131	0.0000	1.7852	0.0000	3.3008
50.2202	9.0090	14.1443	9.5006	9.4528	14.1398	14.1570	14.1347	-0.0048	0.0025	9.3931	14.1543	0.0135	14.1483	-23.3333	20.9552	0.0000	1.7801	0.0000	3.8516
49.8177	9.0046	14.1477	9.4488	9.6624	14.1259	14.1587	14.1323	-0.0024	0.0061	9.2104	14.1516	0.0097	14.1472	-23.3333	20.8131	0.0000	1.7752	0.0000	4.4492
49.3409	8.9984	14.1460	9.3665	9.3313	14.1416	14.1610	14.1300	-0.0036	0.0073	10.4981	14.1461	0.0049	14.1472	-23.3333	20.8841	0.0000	1.7693	0.0000	5.0000
48.8749	8.9754	14.1443	9.3089	8.7752	14.1572	14.1506	14.1347	-0.0036	-0.0011	10.4570	14.1443	0.0001	14.1517	-23.3333	21.0974	0.0000	1.7648	0.0000	5.6016
48.4155	8.9430	14.1477	9.2295	9.0406	14.1328	14.1575	14.1352	-0.0090	0.0055	10.4673	14.1570	-0.0008	14.1483	-23.3333	21.0974	0.0000	1.7609	0.0000	6.1484
48.0087	8.8796	14.1460	9.1531	9.3860	14.1381	14.1541	14.1335	-0.0078	0.0108	9.8248	14.1443	0.0020	14.1495	-23.3333	20.6710	0.0000	1.7601	0.0000	6.7617
47.6718	8.7850	14.1454	9.0908	8.9479	14.1398	14.1541	14.1329	-0.0036	0.0073	9.7637	14.1488	-0.0008	14.1478	-23.3333	20.7420	0.0000	1.7625	0.0000	7.3086
47.2606	8.5648	14.1460	9.0273	9.3112	14.1276	14.1535	14.1341	-0.0042	-0.0011	9.8014	14.1507	0.0011	14.1517	-23.3333	20.8841	0.0000	1.7735	0.0000	7.9102
46.8799	8.4453	14.1483	8.9773	8.4516	14.1363	14.1581	14.1317	-0.0036	0.0043	9.2566	14.1516	0.0020	14.1495	-23.3333	20.8131	0.0000	1.7774	0.0000	8.4609
46.3921	8.3787	14.1448	8.8979	8.5547	14.1416	14.1593	14.1358	-0.0078	-0.0023	8.8432	14.1443	0.0001	14.1478	-23.3333	20.8131	0.0000	1.7757	0.0000	9.0586
45.8584	8.2605	14.1437	8.8279	8.8022	14.1450	14.1541	14.1347	-0.0084	-0.0095	8.4960	14.1588	0.0059	14.1483	-23.3333	20.8131	0.0000	1.7774	0.0000	9.6094
45.3749	8.1940	14.1385	8.7315	9.1995	14.1416	14.1547	14.1306	-0.0096	-0.0041	8.2995	14.1525	0.0039	14.1500	-23.3333	21.0974	0.0000	1.7758	0.0000	10.2188
44.9199	8.1498	14.1506	8.7080	9.2173	14.1311	14.1535	14.1317	-0.0012	-0.0047	9.1590	14.1579	0.0106	14.1535	-23.3333	21.0263	0.0000	1.7727	0.0000	10.7695
44.4824	8.0782	14.1437	8.6086	9.3521	14.1328	14.1541	14.1335	-0.0060	-0.0023	9.6233	14.1425	0.0097	14.1529	-23.3333	20.8841	0.0000	1.7721	0.0000	11.3711
44.1281	8.0453	14.1472	8.5434	8.6744	14.1468	14.1547	14.1358	-0.0030	0.0013	9.3617	14.1516	0.0106	14.1540	-17.9445	20.8131	0.0000	1.7695	0.0000	11.9219
43.8021	8.0191	14.1408	8.5110	7.6749	14.1398	14.1564	14.1341	-0.0060	-0.0029	9.2641	14.1434	0.0068	14.1506	-17.9580	20.9552	0.0000	1.7668	0.0000	12.5195
43.4456	7.9700	14.1420	8.4199	8.1073	14.1259	14.1552	14.1311	-0.0042	0.0049	8.8455	14.1561	0.0030	14.1500	-17.9653	20.9552	0.0000	1.7654	0.0000	13.0703
43.0890	7.9607	14.1495	8.3693	7.9760	14.1520	14.1547	14.1300	-0.0120	-0.0029	8.5736	14.1470	0.0125	14.1506	-17.9737	20.8131	0.0000	1.7608	0.0000	13.6797

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35.8666	6.8426	14.1382	7.2782	6.8886	14.1435	14.1370	14.1432	0.0009	-0.0088	7.9371	14.1497	-0.0026	14.1403	-23.3333	19.8192	0.0000	1.7397	0.0000	0.3906
35.8403	6.8140	14.1382	7.2676	6.7803	14.1435	14.1427	14.1385	0.0021	-0.0004	7.3786	14.1434	0.0060	14.1374	-23.3333	20.6710	0.0000	1.7419	0.0000	0.9297
35.7178	6.7823	14.1445	7.2881	6.3324	14.1592	14.1456	14.1409	-0.0027	0.0092	6.8698	14.1461	-0.0026	14.1437	-23.3333	20.5289	0.0000	1.7428	0.0000	1.5430
35.5603	6.7456	14.1416	7.2423	6.5587	14.1366	14.1439	14.1409	0.0021	-0.0028	6.6059	14.1461	0.0031	14.1408	-23.3333	20.5289	0.0000	1.7434	0.0000	2.0898
35.4138	6.7163	14.1428	7.2064	5.7394	14.1435	14.1421	14.1362	0.0003	-0.0016	6.5608	14.1297	-0.0045	14.1334	-23.3333	20.5289	0.0000	1.7436	0.0000	2.6914
35.2366	6.6958	14.1457	7.1882	7.2012	14.1418	14.1456	14.1409	-0.0051	0.0056	6.5420	14.1261	-0.0007	14.1386	-23.3333	20.3159	0.0000	1.7423	0.0000	3.2422
35.0834	6.6703	14.1474	7.1506	6.2455	14.1366	14.1456	14.1350	-0.0009	0.0044	6.6990	14.1352	-0.0016	14.1397	-23.3333	20.7420	0.0000	1.7419	0.0000	3.8516
34.8144	6.6386	14.1422	7.1053	6.5823	14.1122	14.1387	14.1415	-0.0003	0.0020	7.1330	14.1479	0.0012	14.1425	-23.3333	20.5289	0.0000	1.7400	0.0000	4.3906
34.6197	6.6037	14.1405	7.0718	6.9317	14.1331	14.1439	14.1380	0.0003	0.0032	7.5990	14.1434	0.0031	14.1323	-23.3333	20.5289	0.0000	1.7398	0.0000	5.0000
34.3988	6.5676	14.1405	7.0671	7.2139	14.1435	14.1427	14.1426	-0.0015	0.0032	7.6932	14.1352	-0.0083	14.1403	-23.3333	19.0395	0.0000	1.7392	0.0000	5.5508
34.1888	6.5483	14.1422	7.0100	6.1038	14.1400	14.1427	14.1403	-0.0021	0.0026	7.4962	14.1416	0.0022	14.1425	-23.3333	20.1030	0.0000	1.7371	0.0000	6.1523
33.9788	6.5197	14.1387	7.0071	6.3335	14.1383	14.1467	14.1403	0.0015	0.0050	7.1781	14.1452	-0.0054	14.1448	-23.3333	20.8841	0.0000	1.7359	0.0000	6.6992
33.8060	6.4911	14.1416	6.9618	6.4130	14.1366	14.1467	14.1380	-0.0039	0.0020	7.2998	14.1470	-0.0083	14.1374	-23.3333	20.5999	0.0000	1.7354	0.0000	7.3125
33.6419	6.4631	14.1439	6.9119	6.4268	14.1505	14.1410	14.1380	0.0028	-0.0028	6.9303	14.1470	0.0031	14.1391	-23.3333	20.4579	0.0000	1.7351	0.0000	7.8594
33.4013	6.4482	14.1405	6.8683	6.2558	14.1488	14.1439	14.1380	0.0015	0.0014	6.7019	14.1497	0.0041	14.1431	-23.3333	20.6710	0.0000	1.7319	0.0000	8.4609
33.1497	6.4314	14.1405	6.8419	6.6744	14.1400	14.1433	14.1420	-0.0003	0.0080	6.4335	14.1361	0.0003	14.1431	-23.3333	20.4579	0.0000	1.7286	0.0000	9.0117
32.9222	6.4165	14.1370	6.7931	6.0468	14.1435	14.1427	14.1397	0.0028	0.0002	6.1422	14.1306	0.0041	14.1374	-23.3333	20.6710	0.0000	1.7256	0.0000	9.5625
32.7035	6.3791	14.1451	6.8019	6.3767	14.1366	14.1416	14.1356	0.0021	0.0014	6.3535	14.1306	0.0041	14.1420	-23.3333	20.5999	0.0000	1.7250	0.0000	10.1602
32.5438	6.3518	14.1422	6.7578	6.0819	14.1540	14.1387	14.1391	-0.0003	0.0092	6.8149	14.1361	0.0041	14.1431	-23.3333	21.0263	0.0000	1.7246	0.0000	10.7695
32.4278	6.3225	14.1399	6.7278	5.7981	14.1244	14.1421	14.1368	0.0028	0.0020	7.3580	14.1416	-0.0016	14.1386	-23.3333	20.4579	0.0000	1.7253	0.0000	11.3203
32.3557	6.3094	14.1387	6.7266	6.0969	14.1557	14.1381	14.1397	-0.0033	0.0044	7.0131	14.1306	0.0031	14.1425	-23.3333	20.6710	0.0000	1.7252	0.0000	11.9219
32.3797	6.2927	14.1428	6.7284	6.0480	14.1418	14.1444	14.1426	-0.0003	0.0056	6.9657	14.1334	-0.0007	14.1374	-23.3333	20.5999	0.0000	1.7275	0.0000	12.4727
32.4847	6.3014	14.1468	6.7361	6.6542	14.1331	14.1479	14.1362	-0.0003	0.0032	6.5374	14.1297	0.0012	14.1391	-23.3333	20.3869	0.0000	1.7287	0.0000	13.0703
32.6466	6.3238	14.1347	6.7637	6.1361	14.1400	14.1398	14.1391	-0.0003	0.0122	6.6425	14.1243	0.0003	14.1397	-23.3333	20.5999	0.0000	1.7296	0.0000	13.6211

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38.5509	7.2416	14.1457	7.2788	7.2539	14.1430	14.1475	14.1407	-0.0029	0.0054	8.2947	14.1409	0.0048	14.1377	-23.3333	2.5495	0.0000	1.7499	0.0000	0.3789
38.5137	7.2490	14.1475	7.2694	8.0098	14.1482	14.1434	14.1424	-0.0005	0.0018	7.7864	14.1300	0.0000	14.1422	-23.3333	2.4115	0.0000	1.7486	0.0000	0.9805
38.4109	7.2503	14.1405	7.2623	7.5740	14.1569	14.1423	14.1407	0.0001	0.0012	7.3929	14.1427	0.0096	14.1433	-23.3333	2.6185	0.0000	1.7467	0.0000	1.5313
38.2097	7.2204	14.1452	7.2405	7.3776	14.1499	14.1446	14.1383	-0.0011	0.0000	7.2239	14.1445	-0.0095	14.1377	-23.3333	2.4115	0.0000	1.7459	0.0000	2.0820
38.0062	7.1632	14.1423	7.1741	6.8865	14.1360	14.1475	14.1447	-0.0029	0.0036	7.3370	14.1281	0.0048	14.1348	-23.3333	2.5495	0.0000	1.7477	0.0000	2.6914
37.7765	7.1283	14.1359	7.1512	8.4134	14.1465	14.1429	14.1442	0.0001	0.0042	7.3341	14.1409	0.0000	14.1377	-23.3333	2.6875	0.0000	1.7469	0.0000	3.2422
37.5884	7.0985	14.1405	7.0830	7.2521	14.1499	14.1440	14.1401	-0.0005	0.0018	7.6631	14.1409	-0.0019	14.1439	-23.3333	2.6875	0.0000	1.7464	0.0000	3.8398
37.4156	7.0674	14.1405	7.1118	6.8917	14.1499	14.1434	14.1401	0.0001	0.0012	8.5551	14.1445	0.0010	14.1428	-23.3333	2.6185	0.0000	1.7462	0.0000	4.3906
37.1859	7.0325	14.1411	7.0201	7.7133	14.1534	14.1457	14.1430	0.0025	0.0030	7.8926	14.1427	0.0000	14.1405	-23.3333	2.4115	0.0000	1.7454	0.0000	4.9922
37.0634	7.0101	14.1313	7.0154	7.8043	14.1552	14.1423	14.1424	-0.0017	0.0048	7.5894	14.1372	-0.0038	14.1399	-23.3333	2.6875	0.0000	1.7454	0.0000	5.5391
36.9540	6.9983	14.1342	7.0395	6.5589	14.1552	14.1463	14.1430	-0.0017	-0.0012	7.7287	14.1391	-0.0105	14.1331	-23.3333	2.4805	0.0000	1.7445	0.0000	6.1523
36.7594	6.9566	14.1492	7.0401	7.9056	14.1465	14.1561	14.1418	-0.0041	0.0090	7.4261	14.1300	0.0029	14.1456	-23.3333	2.6185	0.0000	1.7450	0.0000	6.6992
36.6194	6.9448	14.1296	6.9636	6.8364	14.1517	14.1348	14.1407	-0.0005	0.0042	7.3718	14.1436	0.0019	14.1411	-23.3333	2.5495	0.0000	1.7436	0.0000	7.3008
36.5319	6.9324	14.1440	6.9225	7.4450	14.1499	14.1475	14.1424	-0.0029	0.0018	7.4164	14.1418	0.0038	14.1371	-23.3333	2.4805	0.0000	1.7432	0.0000	7.8516
36.3569	6.9038	14.1330	6.9472	7.4433	14.1412	14.1492	14.1401	-0.0029	0.0060	7.5243	14.1445	-0.0076	14.1428	-23.3333	2.5495	0.0000	1.7427	0.0000	8.4492
36.2672	6.8857	14.1613	6.9301	6.5883	14.1604	14.1515	14.1372	-0.0005	0.0036	7.1577	14.1436	-0.0047	14.1422	-23.3333	2.6185	0.0000	1.7428	0.0000	9.0000
36.1075	6.8658	14.1440	6.8866	7.0028	14.1534	14.1440	14.1395	-0.0005	-0.0018	6.9435	14.1418	-0.0019	14.1365	-23.3333	2.5495	0.0000	1.7418	0.0000	9.5508
35.9872	6.8478	14.1290	6.8590	6.0494	14.1517	14.1486	14.1418	-0.0005	0.0024	6.9001	14.1427	0.0096	14.1394	-23.3333	2.7565	0.0000	1.7414	0.0000	10.1602
35.8428	6.8266	14.1475	6.8354	7.6908	14.1552	14.1452	14.1442	0.0007	0.0072	7.1348	14.1363	0.0029	14.1405	-23.3333	2.4805	0.0000	1.7408	0.0000	10.7109
35.7159	6.8061	14.1359	6.8401	7.0287	14.1552	14.1406	14.1412	-0.0035	0.0024	7.8835	14.1309	-0.0057	14.1388	-23.3333	2.5495	0.0000	1.7404	0.0000	11.3125
35.5847	6.7824	14.1405	6.8107	6.0016	14.1499	14.1417	14.1436	-0.0029	-0.0048	8.1450	14.1400	-0.0028	14.1416	-23.3333	2.4115	0.0000	1.7403	0.0000	11.8594
35.4337	6.7675	14.1394	6.8160	6.5964	14.1604	14.1480	14.1407	-0.0011	0.0107	7.7990	14.1372	0.0019	14.1388	-23.3333	2.6875	0.0000	1.7389	0.0000	12.4609
35.3331	6.7520	14.1573	6.7478	6.3614	14.1534	14.1417	14.1430	0.0001	0.0096	7.1234	14.1554	0.0000	14.1399	-23.3333	2.6185	0.0000	1.7386	0.0000	13.0117
35.1865	6.7264	14.1359	6.7443	6.9700	14.1517	14.1509	14.1407	0.0013	0.0090	7.2547	14.1472	0.0010	14.1416	-23.3333	2.6185	0.0000	1.7383	0.0000	13.6211

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37.5835	7.1349	14.2326	7.1242	6.7732	14.2141	14.2237	14.2314	0.0024	-0.0087	7.9562	11.6485	-0.3388	14.2300	-23.3333	20.6710	0.0462	1.7429	0.0000	0.3906
37.7082	7.1492	14.2257	7.1924	6.9044	14.2298	14.2311	14.2262	0.0036	-0.0003	7.5684	11.6476	-0.3359	14.2317	-23.3333	20.7420	0.0460	1.7438	0.0000	1.0508
37.6076	7.1299	14.2360	7.1353	6.8866	14.2298	14.2277	14.2291	0.0036	-0.0093	7.2081	11.6603	-0.3359	14.2249	-23.3333	20.7420	0.0460	1.7438	0.0000	1.7617
37.4238	7.1094	14.2280	7.1048	6.8192	14.2298	14.2277	14.2308	0.0036	-0.0021	7.0385	11.6349	-0.3359	14.2306	-23.3333	20.5289	0.0460	1.7425	0.0000	2.4219
37.2160	7.0795	14.2314	7.0730	6.7392	14.2316	14.2317	14.2291	-0.0025	-0.0009	7.1447	11.6331	-0.3416	14.2294	-23.3333	20.7420	0.0464	1.7416	0.0000	3.0820
37.0279	7.0478	14.2205	7.0689	6.7438	14.2316	14.2271	14.2297	0.0036	-0.0003	7.1555	11.6231	-0.3416	14.2306	-23.3333	20.8131	0.0463	1.7412	0.0000	3.7422
36.8376	7.0216	14.2297	7.0336	6.7450	14.2176	14.2294	14.2285	-0.0037	-0.0057	8.5684	11.6185	-0.3435	14.2237	-23.3333	20.6710	0.0465	1.7402	0.0000	4.4023
36.6473	7.0011	14.2326	7.0107	6.5331	14.2072	14.2288	14.2291	-0.0013	0.0039	7.8105	11.6131	-0.3474	14.2283	-23.3333	20.8841	0.0467	1.7388	0.0000	5.0625
36.4766	6.9632	14.2280	6.9801	6.7697	14.2124	14.2334	14.2291	0.0005	-0.0069	7.5713	11.5994	-0.3559	14.2288	-23.3333	20.6710	0.0473	1.7393	0.0000	5.7695
36.3060	6.9420	14.2268	6.9548	6.4847	14.2298	14.2288	14.2332	0.0072	-0.0051	7.2640	11.5885	-0.3569	14.2328	-23.3333	20.6710	0.0473	1.7382	0.0000	6.4297
36.0895	6.9022	14.2326	6.9231	6.3966	14.2263	14.2352	14.2227	0.0011	-0.0009	7.4468	11.5821	-0.3559	14.2294	-23.3333	20.7420	0.0472	1.7380	0.0000	7.0898
35.9385	6.8891	14.2314	6.8931	6.4519	14.2176	14.2306	14.2326	0.0024	-0.0033	7.4599	11.5821	-0.3540	14.2271	-23.3333	20.6710	0.0471	1.7365	0.0000	7.7500
35.7723	6.8568	14.2303	6.8649	6.1928	14.2298	14.2294	14.2250	0.0060	-0.0027	7.0128	11.5730	-0.3550	14.2294	-23.3333	20.6710	0.0471	1.7366	0.0000	8.4102
35.6060	6.8387	14.2280	6.8596	6.3322	14.2281	14.2317	14.2332	0.0030	-0.0051	7.0853	11.5576	-0.3597	14.2277	-23.3333	20.6710	0.0474	1.7352	0.0000	9.1211
35.4442	6.8095	14.2291	6.8278	6.2112	14.2350	14.2248	14.2250	-0.0007	-0.0033	7.1378	11.5640	-0.3512	14.2334	-23.3333	20.6710	0.0469	1.7351	0.0000	9.7813
35.2932	6.7865	14.2274	6.7814	6.3206	14.2281	14.2242	14.2291	0.0036	-0.0051	6.9979	11.5640	-0.3597	14.2260	-23.3333	20.7420	0.0474	1.7345	0.0000	10.4414
35.1335	6.7585	14.2291	6.7831	6.1796	14.2229	14.2300	14.2343	0.0011	-0.0063	6.8294	11.5576	-0.3674	14.2266	-23.3333	20.6710	0.0479	1.7342	0.0000	11.1016
34.9826	6.7373	14.2291	6.7667	6.1761	14.2229	14.2294	14.2326	0.0042	-0.0069	6.7638	11.5521	-0.3636	14.2317	-23.3333	20.6710	0.0477	1.7334	0.0000	11.7617
34.8317	6.7118	14.2262	6.7243	5.9015	14.2141	14.2294	14.2320	-0.0013	-0.0009	6.9317	11.5449	-0.3626	14.2277	-23.3333	20.7420	0.0476	1.7331	0.0000	12.4727
34.6588	6.6875	14.2268	6.7114	6.1686	14.2385	14.2277	14.2320	0.0018	-0.0003	7.7986	11.5367	-0.3693	14.2340	-23.3333	20.7420	0.0480	1.7322	0.0000	13.1328
34.5057	6.6620	14.2303	6.6632	6.0310	14.2263	14.2300	14.2285	0.0036	-0.0075	7.7512	11.5330	-0.3645	14.2345	-23.3333	21.0263	0.0477	1.7318	0.0000	13.7891
34.3329	6.6440	14.2320	6.6556	6.0506	14.2263	14.2237	14.2332	-0.0007	0.0021	7.4439	11.5258	-0.3721	14.2311	-23.3333	20.7420	0.0482	1.7303	0.0000	14.4492
34.1929	6.6092	14.2268	6.6409	6.1652	14.2263	14.2311	14.2308	0.0005	-0.0075	7.0270	11.5185	-0.3779	14.2311	-23.3333	20.7420	0.0486	1.7310	0.0000	15.1094
34.0638	6.5874	14.2285	6.5973	6.0984	14.2403	14.2288	14.2267	-0.0025	0.0009	7.0836	11.5148	-0.3759	14.2260	-23.3333	20.7420	0.0484	1.7307	0.0000	15.8203

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38.9948	7.3032	14.2239	7.3420	7.1122	14.2361	14.2304	14.2291	-0.0052	0.0025	7.7115	15.1368	-1.3132	14.2282	-23.3333	21.2396	0.1053	1.7518	0.0000	0.3828
39.0955	7.3188	14.2296	7.3073	6.8008	14.2308	14.2326	14.2302	0.0039	0.0079	7.5396	15.1677	-1.3304	14.2345	-23.3333	21.3818	0.1061	1.7521	0.0000	1.0430
38.1177	7.1701	14.2319	7.1180	6.6378	14.2204	14.2212	14.2291	-0.0003	-0.0023	7.1753	15.1622	-1.3504	14.2310	-23.3333	21.0974	0.1069	1.7490	0.0000	1.7031
36.0811	6.8876	14.2285	6.8323	6.2129	14.2169	14.2321	14.2349	-0.0034	0.0025	6.8623	15.1813	-1.3590	14.2265	-23.3333	21.2396	0.1073	1.7393	0.0000	2.3633
36.7636	6.9847	14.2169	7.0204	6.5774	14.2291	14.2344	14.2320	0.0009	-0.0023	8.2220	15.1822	-1.3523	14.2259	-23.3333	21.1685	0.1071	1.7424	0.0000	3.0234
38.2708	7.1987	14.2314	7.2303	6.7875	14.2326	14.2269	14.2302	0.0009	0.0133	8.2237	15.2168	-1.3723	14.2322	-23.3333	21.2396	0.1080	1.7490	0.0000	3.6836
37.7589	7.1296	14.2308	7.1180	6.5325	14.2326	14.2309	14.2273	-0.0009	0.0031	8.4310	15.2177	-1.3990	14.2327	-23.3333	21.2396	0.1091	1.7465	0.0000	4.3398
36.8839	7.0102	14.2262	6.9316	6.0275	14.2343	14.2281	14.2273	0.0027	0.0085	7.6915	15.2177	-1.3990	14.2259	-23.3333	21.2396	0.1091	1.7422	0.0000	4.9922
34.9896	6.7358	14.2250	6.6900	5.9394	14.2361	14.2281	14.2320	-0.0034	0.0031	7.3511	15.2331	-1.4162	14.2345	-23.3333	21.2396	0.1099	1.7337	0.0000	5.6523
35.1777	6.7557	14.2290	6.7276	6.1588	14.2308	14.2281	14.2291	-0.0027	-0.0023	7.0622	15.2477	-1.4162	14.2345	-23.3333	21.0263	0.1099	1.7353	0.0000	6.3125
36.6499	6.9660	14.2308	6.9487	6.3505	14.2361	14.2286	14.2302	0.0033	0.0031	7.5499	15.2541	-1.4209	14.2299	-23.3333	21.0974	0.1101	1.7421	0.0000	6.9727
37.1683	7.0319	14.2250	7.0492	6.4426	14.2413	14.2315	14.2291	-0.0009	0.0097	7.2478	15.2650	-1.4200	14.2276	-23.3333	21.1685	0.1101	1.7452	0.0000	7.6328
35.6939	6.8223	14.2267	6.7458	5.9694	14.2343	14.2309	14.2308	-0.0003	-0.0005	7.0062	15.2513	-1.4276	14.2322	-23.3333	21.1685	0.1104	1.7384	0.0000	8.2930
34.3814	6.6450	14.2337	6.5706	5.9631	14.2308	14.2304	14.2261	0.0009	0.0079	6.8583	15.2704	-1.4314	14.2276	-23.3333	21.2396	0.1106	1.7311	0.0000	8.9531
34.5674	6.6668	14.2331	6.6335	6.1600	14.2483	14.2304	14.2320	-0.0003	0.0007	6.8440	15.2713	-1.4400	14.2367	-23.3333	21.1685	0.1110	1.7325	0.0000	9.6133
35.9586	6.8696	14.2244	6.8617	6.1709	14.2134	14.2246	14.2331	-0.0009	-0.0017	6.8749	15.2841	-1.4457	14.2310	-23.3333	21.1685	0.1112	1.7388	0.0000	10.2734
36.2452	6.9075	14.2267	6.8922	6.2757	14.2308	14.2321	14.2314	0.0045	-0.0017	6.7972	15.2913	-1.4457	14.2259	-23.3333	21.3818	0.1113	1.7404	0.0000	10.9336
35.6174	6.8179	14.2279	6.7405	6.0770	14.2239	14.2332	14.2337	-0.0046	0.0067	6.7641	15.2659	-1.4314	14.2305	-23.3333	21.2396	0.1106	1.7374	0.0000	11.5898
33.7011	6.5342	14.2377	6.4066	5.8272	14.2256	14.2315	14.2302	-0.0034	0.0121	6.8492	15.2550	-1.4266	14.2276	-23.3333	21.1685	0.1104	1.7290	0.0000	12.2500
33.3577	6.4814	14.2377	6.4195	5.7972	14.2274	14.2269	14.2291	-0.0021	-0.0035	7.6692	15.2704	-1.4362	14.2293	-23.3333	21.3107	0.1108	1.7276	0.0000	12.9023
34.2721	6.6176	14.2215	6.6071	6.0200	14.2395	14.2263	14.2331	0.0027	0.0025	7.5487	15.2641	-1.4219	14.2299	-23.3333	20.9552	0.1102	1.7317	0.0000	13.5625
35.4183	6.7750	14.2348	6.7552	6.1433	14.2291	14.2275	14.2349	0.0009	0.0007	7.4300	15.2677	-1.4400	14.2254	-23.3333	21.1685	0.1109	1.7379	0.0000	14.2227
35.0377	6.7246	14.2337	6.6729	6.0131	14.2239	14.2384	14.2308	0.0009	0.0097	7.2169	15.2904	-1.4352	14.2316	-23.3333	21.0974	0.1108	1.7357	0.0000	14.8828
33.1608	6.4490	14.2290	6.3507	5.6660	14.2308	14.2326	14.2326	-0.0034	0.0043	8.0793	15.2741	-1.4505	14.2282	-23.3333	20.8841	0.1114	1.7270	0.0000	15.5430

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36.9226	6.9437	14.2027	6.7960	6.4454	14.1889	14.1951	14.2019	-0.0033	-0.0039	7.7237	9.8861	-0.5872	14.2009	-23.3333	21.4530	0.0565	1.7491	0.0000	0.3906
36.6667	6.9132	14.1998	6.7084	6.3481	14.2115	14.2043	14.2007	0.0003	-0.0039	7.3028	9.8480	-0.5958	14.1975	-23.3333	21.5241	0.0568	1.7474	0.0000	1.0508
36.3823	6.8709	14.1986	6.6796	6.5571	14.2098	14.1969	14.2019	0.0015	0.0051	6.9242	9.8125	-0.6091	14.2015	-23.3333	21.3107	0.0574	1.7463	0.0000	1.6992
36.0826	6.8168	14.2027	6.5590	6.4074	14.2011	14.2026	14.1978	0.0028	-0.0051	6.7637	9.7788	-0.6148	14.1981	-23.3333	21.3818	0.0576	1.7461	0.0000	2.4180
35.9032	6.7850	14.1969	6.5761	6.3683	14.1993	14.2009	14.2013	-0.0003	-0.0033	8.4958	9.7443	-0.6120	14.2026	-23.3333	21.3818	0.0573	1.7459	0.0000	3.0781
35.6910	6.7539	14.1980	6.5584	6.1978	14.2011	14.2015	14.1990	0.0046	0.0027	8.5095	9.7234	-0.6253	14.2020	-23.3333	21.3818	0.0579	1.7450	0.0000	3.7383
35.4898	6.7247	14.1980	6.5038	6.2525	14.1993	14.2026	14.1966	0.0034	-0.0009	7.9470	9.6934	-0.6263	14.1992	-23.3333	21.2396	0.0579	1.7442	0.0000	4.3984
35.3213	6.6961	14.1992	6.4944	6.3919	14.2046	14.1980	14.2031	-0.0003	0.0015	7.3719	9.6688	-0.6291	14.1975	-23.3333	21.3107	0.0579	1.7438	0.0000	5.1094
35.1813	6.7347	14.1969	6.4779	5.9825	14.2272	14.2015	14.2013	0.0003	0.0009	7.2114	9.6506	-0.6349	14.2020	-23.3333	21.4530	0.0582	1.7374	0.0000	5.7695
35.0282	6.6811	14.2044	6.4250	5.9261	14.1924	14.1992	14.1955	0.0021	0.0033	7.0658	9.6243	-0.6415	14.2026	-23.3333	21.4530	0.0584	1.7398	0.0000	6.4297
34.9079	6.6718	14.2044	6.3991	5.9877	14.1941	14.1986	14.1978	0.0021	-0.0027	7.3719	9.6106	-0.6406	14.1992	-23.3333	21.4530	0.0583	1.7385	0.0000	7.0898
34.7526	6.6208	14.2050	6.3891	5.9975	14.2115	14.2032	14.2019	0.0003	-0.0063	6.8157	9.5933	-0.6377	14.1998	-23.3333	21.5953	0.0581	1.7406	0.0000	7.7500
34.5557	6.6009	14.1986	6.3391	5.9912	14.2063	14.1997	14.2019	0.0015	0.0057	6.6620	9.5797	-0.6434	14.1981	-23.3333	21.5953	0.0584	1.7388	0.0000	8.4609
34.4354	6.5729	14.2009	6.3315	5.9998	14.1819	14.1963	14.2025	0.0034	0.0069	6.5575	9.5579	-0.6501	14.1963	-23.3333	21.4530	0.0586	1.7393	0.0000	9.1211
34.2364	6.5437	14.1992	6.2709	5.7747	14.2028	14.1969	14.1995	0.0070	0.0021	6.7660	9.5279	-0.6558	14.1986	-23.3333	21.4530	0.0588	1.7384	0.0000	9.7813
34.0876	6.5244	14.1934	6.2686	5.7816	14.2011	14.2003	14.1990	0.0003	0.0057	6.8065	9.5179	-0.6587	14.2037	-23.3333	21.3818	0.0589	1.7375	0.0000	10.4414
33.9717	6.5013	14.1992	6.2315	5.8322	14.2028	14.1992	14.2013	-0.0009	-0.0051	6.5318	9.4970	-0.6577	14.1981	-23.3333	21.2396	0.0588	1.7376	0.0000	11.1016
33.7857	6.4740	14.2009	6.1921	5.9612	14.2081	14.2038	14.1978	-0.0003	-0.0009	6.5958	9.4824	-0.6635	14.1992	-23.3333	21.3818	0.0590	1.7368	0.0000	11.8086
33.6195	6.4522	14.1986	6.1316	5.9226	14.2115	14.1997	14.2001	-0.0015	-0.0033	6.6438	9.4551	-0.6711	14.2009	-23.3333	21.3818	0.0593	1.7357	0.0000	12.4688
33.4795	6.4310	14.2073	6.1539	5.9963	14.2046	14.2003	14.1990	0.0003	-0.0027	7.6232	9.4397	-0.6606	14.1998	-23.3333	21.3818	0.0587	1.7352	0.0000	13.1289
33.3132	6.4080	14.1969	6.1310	5.8887	14.2046	14.1986	14.1972	-0.0015	-0.0003	7.3627	9.4160	-0.6787	14.1975	-23.3333	21.3818	0.0595	1.7342	0.0000	13.7891
33.2301	6.3975	14.2027	6.0934	5.8466	14.2028	14.1974	14.2001	0.0003	0.0027	7.2651	9.4051	-0.6644	14.1935	-23.3333	21.3818	0.0588	1.7337	0.0000	14.4492
33.0573	6.3732	14.1940	6.0745	5.8322	14.2115	14.1992	14.2036	0.0046	0.0039	6.9944	9.3787	-0.6816	14.2003	-23.3333	21.3818	0.0595	1.7327	0.0000	15.1602
32.8954	6.3377	14.1969	6.0587	5.8985	14.1941	14.2038	14.2001	0.0028	-0.0009	7.8556	9.3687	-0.6777	14.2032	-23.3333	21.3107	0.0593	1.7332	0.0000	15.8203

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35.7649	6.7944	14.2261	6.6437	6.5258	14.2321	14.2329	14.2339	0.0039	0.0082	7.4747	9.4556	-0.4899	14.2280	-23.3333	20.9552	0.0504	1.7425	0.0000	0.3867
35.6205	6.7739	14.2365	6.6085	6.2138	14.2461	14.2398	14.2322	-0.0003	0.0035	7.0669	9.4274	-0.4909	14.2314	-23.3333	31.3655	0.0504	1.7418	0.0000	1.0469
35.4740	6.7571	14.2457	6.5391	6.2627	14.2565	14.2335	14.2281	-0.0016	0.0059	6.6883	9.4029	-0.4937	14.2303	-23.3333	21.1685	0.0504	1.7407	0.0000	1.7578
35.3471	6.7396	14.2359	6.5032	6.1585	14.2304	14.2289	14.2298	0.0039	0.0124	6.5433	9.3820	-0.5042	14.2274	-23.3333	21.0974	0.0509	1.7400	0.0000	2.4180
35.2224	6.7129	14.2359	6.4838	6.0796	14.2339	14.2312	14.2322	0.0009	-0.0043	8.0829	9.3629	-0.4918	14.2285	-23.3333	21.2396	0.0502	1.7403	0.0000	3.0781
35.0671	6.6818	14.2204	6.4891	6.1153	14.2426	14.2455	14.2316	0.0015	-0.0001	8.0606	9.3583	-0.4994	14.2257	-23.3333	21.3107	0.0506	1.7405	0.0000	3.7383
34.8702	6.6650	14.2209	6.4709	6.1504	14.2443	14.2386	14.2298	0.0045	0.0059	7.7899	9.3292	-0.5013	14.2268	-23.3333	21.3107	0.0506	1.7384	0.0000	4.4492
34.7412	6.6389	14.2267	6.4239	6.2011	14.2373	14.2381	14.2275	0.0045	0.0053	7.1606	9.3101	-0.4985	14.2285	-23.3333	21.1685	0.0505	1.7386	0.0000	5.1094
34.5837	6.6152	14.2279	6.4092	6.1274	14.2321	14.2363	14.2298	0.0045	-0.0031	6.9727	9.2874	-0.5042	14.2308	-23.3333	21.1685	0.0507	1.7379	0.0000	5.7695
34.4459	6.5928	14.2296	6.3974	6.2426	14.2443	14.2358	14.2298	0.0021	-0.0007	6.8100	9.2747	-0.5032	14.2320	-23.3333	21.2396	0.0506	1.7375	0.0000	6.4297
34.2949	6.5654	14.2313	6.3492	5.9812	14.2356	14.2363	14.2298	0.0015	0.0023	7.1857	9.2329	-0.5013	14.2308	-23.3333	21.2396	0.0504	1.7374	0.0000	7.0898
34.1156	6.5343	14.2417	6.2539	5.7969	14.2356	14.2306	14.2316	0.0057	0.0100	6.6426	9.2165	-0.5042	14.2337	-23.3333	21.1685	0.0505	1.7371	0.0000	7.7969
33.9581	6.5076	14.2325	6.2933	5.9466	14.2321	14.2340	14.2345	0.0033	0.0005	6.4433	9.2092	-0.5185	14.2337	-23.3333	21.3107	0.0512	1.7367	0.0000	8.4570
33.7546	6.4796	14.2302	6.3110	5.9322	14.2095	14.2312	14.2339	0.0033	0.0059	6.3874	9.1692	-0.5194	14.2285	-23.3333	21.1685	0.0512	1.7356	0.0000	9.1172
33.6015	6.4640	14.2296	6.3051	5.9702	14.2339	14.2381	14.2287	0.0009	-0.0007	6.5575	9.1610	-0.5213	14.2331	-23.3333	21.2396	0.0512	1.7342	0.0000	9.7773
33.4812	6.4429	14.2290	6.2369	5.7060	14.2356	14.2375	14.2334	0.0045	0.0035	6.5987	9.1483	-0.5213	14.2280	-23.3333	21.0974	0.0512	1.7340	0.0000	10.4375
33.2843	6.4099	14.2296	6.2245	5.9363	14.2356	14.2294	14.2304	-0.0022	-0.0019	6.3354	9.1292	-0.5299	14.2308	-23.3333	21.1685	0.0516	1.7335	0.0000	11.1484
33.1706	6.3956	14.2307	6.1963	5.6691	14.2356	14.2340	14.2275	0.0009	-0.0055	6.3377	9.1083	-0.5252	14.2325	-23.3333	21.3107	0.0513	1.7327	0.0000	11.8086
33.0065	6.3744	14.2330	6.1675	5.7820	14.2304	14.2381	14.2310	0.0051	-0.0031	6.4239	9.0810	-0.5309	14.2337	-23.3333	21.0263	0.0515	1.7316	0.0000	12.4688
32.8796	6.3545	14.2284	6.1122	5.8269	14.2356	14.2329	14.2298	0.0015	0.0029	7.4290	9.0592	-0.5242	14.2297	-23.3333	21.0263	0.0511	1.7311	0.0000	13.1289
32.7243	6.3328	14.2302	6.0893	5.7618	14.2391	14.2323	14.2252	0.0015	0.0070	7.1777	9.0483	-0.5337	14.2257	-23.3333	21.0263	0.0515	1.7303	0.0000	13.8477
32.5996	6.3079	14.2325	6.0846	5.7071	14.2478	14.2363	14.2258	0.0003	0.0005	6.9807	9.0237	-0.5385	14.2274	-23.3333	21.0974	0.0517	1.7303	0.0000	14.5078
32.4793	6.2967	14.2400	6.0346	5.8539	14.2286	14.2317	14.2293	0.0057	0.0059	6.7066	9.0055	-0.5385	14.2291	-23.3333	21.3107	0.0517	1.7291	0.0000	15.1563
32.4728	6.2911	14.2261	6.0828	5.9006	14.2373	14.2312	14.2304	0.0009	0.0017	7.7088	9.0137	-0.5271	14.2297	-23.3333	21.0263	0.0511	1.7295	0.0000	15.8164

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37.2723	7.0239	14.2292	6.5542	6.6275	14.2321	14.2330	14.2307	-0.0015	-0.0029	7.6585	11.9636	-1.5227	14.2315	-23.3333	21.3818	0.1020	1.7478	0.0000	0.3789
37.1389	7.0084	14.2298	6.5295	6.6223	14.2269	14.2330	14.2301	-0.0033	0.0025	7.2702	11.9363	-1.5322	14.2320	-23.3333	21.3818	0.1022	1.7469	0.0000	1.0391
36.9223	6.9773	14.2326	6.4807	6.7593	14.2356	14.2279	14.2301	-0.0027	-0.0029	7.0069	11.9300	-1.5503	14.2320	-23.3333	21.3818	0.1029	1.7459	0.0000	1.6992
36.6970	6.9462	14.2269	6.4742	6.6424	14.2339	14.2227	14.2301	-0.0033	0.0037	7.1371	11.9218	-1.5446	14.2281	-23.3333	21.3107	0.1026	1.7448	0.0000	2.4102
36.5461	6.9219	14.2269	6.4295	6.8399	14.2287	14.2330	14.2337	-0.0021	-0.0005	9.0536	11.9127	-1.5599	14.2303	-23.3333	21.4530	0.1031	1.7444	0.0000	3.0703
36.3623	6.8952	14.2326	6.4066	6.4438	14.2391	14.2342	14.2284	-0.0040	-0.0005	9.0279	11.8963	-1.5503	14.2292	-23.3333	21.3818	0.1027	1.7437	0.0000	3.7305
36.1961	6.8672	14.2274	6.3801	6.3741	14.2304	14.2319	14.2296	-0.0015	0.0025	7.9269	11.8636	-1.5685	14.2309	-23.3333	21.3107	0.1032	1.7433	0.0000	4.3906
35.9817	6.8354	14.2269	6.3149	6.6747	14.2374	14.2239	14.2261	-0.0015	0.0013	7.4689	11.8563	-1.5970	14.2332	-23.3333	21.3107	0.1042	1.7425	0.0000	5.0508
35.7673	6.8081	14.2309	6.3172	6.5659	14.2304	14.2244	14.2290	0.0003	0.0007	7.4529	11.8500	-1.5856	14.2315	-23.3333	21.3818	0.1038	1.7412	0.0000	5.7617
35.5836	6.7801	14.2286	6.2755	6.7000	14.2339	14.2353	14.2319	-0.0009	-0.0029	7.5009	11.8136	-1.5713	14.2320	-23.3333	21.3818	0.1031	1.7405	0.0000	6.4219
35.3889	6.7521	14.2332	6.2484	6.3546	14.2234	14.2302	14.2301	0.0033	0.0049	7.0623	11.7808	-1.5808	14.2349	-23.3333	21.3818	0.1033	1.7396	0.0000	7.0820
35.2314	6.7228	14.2286	6.2514	6.3937	14.2304	14.2250	14.2342	0.0033	-0.0035	6.8139	11.7681	-1.5704	14.2207	-23.3333	21.3818	0.1029	1.7395	0.0000	7.7383
35.0498	6.6930	14.2315	6.2267	6.0966	14.2217	14.2313	14.2313	-0.0009	0.0013	6.6586	11.7536	-1.5866	14.2292	-23.3333	21.4530	0.1034	1.7391	0.0000	8.4492
34.8617	6.6656	14.2315	6.1755	6.4547	14.2234	14.2290	14.2331	-0.0027	-0.0041	6.4667	11.6963	-1.5789	14.2338	-23.3333	21.3107	0.1029	1.7382	0.0000	9.1094
34.6692	6.6407	14.2303	6.1585	6.3223	14.2287	14.2302	14.2296	0.0003	0.0019	6.6774	11.6672	-1.5694	14.2298	-23.3333	21.3818	0.1025	1.7370	0.0000	9.7695
34.4876	6.6065	14.2240	6.1450	6.1035	14.2200	14.2296	14.2337	-0.0046	0.0019	6.8550	11.6544	-1.5837	14.2269	-23.3333	21.4530	0.1029	1.7370	0.0000	10.4297
34.3279	6.5847	14.2263	6.1191	6.0097	14.2269	14.2330	14.2313	-0.0015	-0.0071	6.5866	11.6590	-1.5913	14.2309	-23.3333	21.4530	0.1032	1.7361	0.0000	11.0898
34.1748	6.5580	14.2246	6.0803	6.2210	14.2165	14.2313	14.2272	-0.0009	-0.0047	6.6477	11.6153	-1.5866	14.2326	-23.3333	21.4530	0.1029	1.7358	0.0000	11.8008
33.9648	6.5281	14.2292	6.0779	5.9959	14.2234	14.2267	14.2319	-0.0009	-0.0017	6.7048	11.5899	-1.5875	14.2315	-23.3333	21.2396	0.1028	1.7348	0.0000	12.4609
33.7964	6.4995	14.2321	6.0379	6.2175	14.2200	14.2267	14.2313	-0.0021	-0.0005	7.6876	11.5772	-1.5837	14.2349	-23.3333	21.3818	0.1026	1.7344	0.0000	13.1211
33.6279	6.4796	14.2332	6.0080	6.0955	14.2391	14.2307	14.2301	-0.0021	-0.0017	7.4986	11.5653	-1.5923	14.2332	-23.3333	21.3818	0.1029	1.7331	0.0000	13.7813
33.4748	6.4522	14.2251	6.0133	6.2331	14.2182	14.2313	14.2290	-0.0058	-0.0011	7.3427	11.5572	-1.6066	14.2355	-23.3333	21.3818	0.1033	1.7329	0.0000	14.4414
33.3217	6.4286	14.2286	5.9697	5.9037	14.2234	14.2325	14.2313	-0.0009	-0.0107	7.8692	11.5344	-1.5932	14.2320	-23.3333	21.2396	0.1028	1.7323	0.0000	15.1602
33.1576	6.3981	14.2344	5.9515	5.8830	14.2269	14.2302	14.2313	-0.0033	-0.0005	7.5831	11.5371	-1.6066	14.2320	-23.3333	21.3818	0.1033	1.7322	0.0000	15.8086

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37.0563	6.9851	14.2316	6.4303	6.9546	14.2292	14.2368	14.2306	0.0018	0.0085	7.5309	14.2838	-2.6909	14.2354	-23.3333	21.0263	0.1507	1.7476	0.0000	0.3789
36.9272	6.9683	14.2356	6.4097	6.8792	14.2274	14.2316	14.2312	-0.0006	0.0068	7.2362	14.2765	-2.7119	14.2320	-23.3333	20.9552	0.1514	1.7469	0.0000	1.0391
36.7216	6.9409	14.2333	6.3774	7.1688	14.2205	14.2345	14.2318	0.0006	0.0020	7.0158	14.2756	-2.6900	14.2269	-23.3333	20.8841	0.1507	1.7458	0.0000	1.6992
36.5444	6.9173	14.2333	6.3444	6.8780	14.2361	14.2310	14.2370	-0.0006	0.0109	9.2195	14.2410	-2.7214	14.2269	-23.3333	21.0263	0.1515	1.7448	0.0000	2.3594
36.3278	6.8868	14.2310	6.3280	6.5326	14.2379	14.2345	14.2283	0.0018	0.0026	9.1167	14.2601	-2.7166	14.2292	-23.3333	20.9552	0.1514	1.7438	0.0000	3.0195
36.1332	6.8544	14.2339	6.3121	6.8239	14.2292	14.2316	14.2300	0.0036	0.0068	9.0631	14.2219	-2.7033	14.2354	-23.3333	20.8131	0.1508	1.7434	0.0000	3.6797
35.9122	6.8221	14.2322	6.2639	6.5827	14.2292	14.2345	14.2271	-0.0018	0.0103	7.8404	14.2128	-2.7195	14.2252	-23.3333	21.0263	0.1513	1.7425	0.0000	4.3398
35.6869	6.7953	14.2350	6.2245	6.6155	14.2239	14.2293	14.2259	-0.0006	0.0038	7.5040	14.1928	-2.7204	14.2315	-23.3333	20.7420	0.1512	1.7409	0.0000	5.0508
35.4660	6.7648	14.2310	6.2104	6.7295	14.2292	14.2351	14.2335	-0.0018	0.0020	7.7564	14.1837	-2.7233	14.2297	-23.3333	20.8841	0.1513	1.7398	0.0000	5.7109
35.2407	6.7250	14.2350	6.1669	6.5245	14.2309	14.2293	14.2318	0.0030	-0.0022	7.2465	14.1737	-2.7176	14.2303	-23.3333	20.9552	0.1511	1.7395	0.0000	6.3711
35.0263	6.6927	14.2356	6.1522	6.6397	14.2257	14.2362	14.2306	0.0018	-0.0022	6.9478	14.1365	-2.7100	14.2286	-23.3333	20.8131	0.1506	1.7386	0.0000	7.0313
34.8513	6.6697	14.2350	6.1069	6.3294	14.2257	14.2310	14.2312	0.0024	0.0008	6.7496	14.1174	-2.7271	14.2280	-23.3333	20.8841	0.1511	1.7376	0.0000	7.6914
34.6719	6.6379	14.2333	6.0893	6.4750	14.2344	14.2362	14.2289	0.0000	0.0097	6.5298	14.1074	-2.7300	14.2286	-23.3333	20.8131	0.1511	1.7374	0.0000	8.3984
34.4400	6.6081	14.2339	6.0528	6.3184	14.2257	14.2345	14.2335	0.0000	0.0026	6.4327	14.1064	-2.7262	14.2280	-23.3333	20.8841	0.1510	1.7359	0.0000	9.0586
34.2563	6.5770	14.2356	6.0469	6.3368	14.2187	14.2351	14.2300	0.0006	0.0074	6.5098	14.0992	-2.7338	14.2280	-23.3333	20.7420	0.1512	1.7355	0.0000	9.7188
34.0791	6.5502	14.2350	6.0181	6.1854	14.2274	14.2339	14.2335	0.0012	0.0103	6.6937	14.0864	-2.7443	14.2337	-23.3333	20.9552	0.1515	1.7348	0.0000	10.3789
33.9129	6.5278	14.2287	5.9946	6.3628	14.2239	14.2345	14.2242	0.0030	0.0002	6.4967	14.0810	-2.7395	14.2337	-23.3333	20.8131	0.1513	1.7338	0.0000	11.0391
33.7488	6.4942	14.2316	5.9658	5.9931	14.2239	14.2345	14.2312	-0.0012	0.0097	6.5972	14.0810	-2.7386	14.2252	-23.3333	20.8131	0.1513	1.7340	0.0000	11.7500
33.5432	6.4656	14.2350	5.9340	6.2902	14.2309	14.2362	14.2330	-0.0054	0.0068	6.5675	14.0855	-2.7700	14.2320	-23.3333	20.8131	0.1522	1.7329	0.0000	12.4102
33.3332	6.4357	14.2420	5.8988	6.3558	14.2065	14.2305	14.2295	0.0012	0.0080	7.8427	14.0783	-2.7843	14.2297	-23.3333	21.0974	0.1526	1.7318	0.0000	13.0703
33.1407	6.4090	14.2287	5.8811	6.2182	14.2170	14.2368	14.2318	0.0036	0.0074	8.1168	14.0601	-2.7462	14.2275	-23.3333	20.7420	0.1514	1.7307	0.0000	13.7305
32.9591	6.3810	14.2310	5.8588	6.1261	14.2309	14.2287	14.2295	0.0018	0.0091	7.9403	14.0755	-2.7710	14.2292	-23.3333	20.8131	0.1522	1.7300	0.0000	14.3906
32.8322	6.3580	14.2316	5.8488	5.9995	14.2344	14.2305	14.2248	0.0024	0.0026	7.6502	14.0673	-2.7910	14.2286	-23.3333	20.8841	0.1528	1.7298	0.0000	15.1016
32.6572	6.3269	14.2322	5.8288	6.1342	14.2292	14.2351	14.2289	0.0018	0.0020	7.5280	14.0546	-2.7833	14.2320	-23.3333	20.7420	0.1525	1.7295	0.0000	15.7617

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36.5327	6.8954	14.0501	7.3768	8.0131	14.0535	14.0437	14.0404	-0.0021	0.0088	8.0340	14.0361	0.0095	14.0447	-23.3333	1.9286	0.0000	1.7467	0.0000	0.3789
36.6683	6.9054	14.0362	7.3827	9.2550	14.0483	14.0478	14.0434	0.0027	0.0076	7.4578	14.0452	0.0009	14.0401	-23.3333	2.1355	0.0000	1.7482	0.0000	0.9297
36.6114	6.8942	14.0437	7.3509	7.6365	14.0640	14.0449	14.0475	0.0009	0.0064	7.0215	14.0424	0.0085	14.0401	-23.3333	2.0665	0.0000	1.7483	0.0000	1.4805
36.4714	6.8817	14.0466	7.2845	7.4701	14.0622	14.0443	14.0469	-0.0009	0.0046	6.7497	14.0388	0.0142	14.0390	-23.3333	1.9286	0.0000	1.7469	0.0000	2.0273
36.2570	6.8419	14.0432	7.3168	8.8076	14.0465	14.0478	14.0428	0.0003	0.0106	6.5966	14.0424	0.0114	14.0419	-23.3333	2.1355	0.0000	1.7469	0.0000	2.6406
36.1039	6.8220	14.0449	7.2945	7.3988	14.0605	14.0483	14.0475	0.0009	0.0052	6.5864	14.0515	0.0066	14.0367	-23.3333	1.9976	0.0000	1.7460	0.0000	3.1797
35.8983	6.7897	14.0420	7.2275	7.7494	14.0413	14.0449	14.0445	-0.0009	0.0088	6.9159	14.0397	0.0085	14.0430	-23.3333	1.9976	0.0000	1.7454	0.0000	3.7305
35.7080	6.7579	14.0449	7.2322	7.1293	14.0622	14.0437	14.0416	0.0009	0.0082	7.2368	14.0424	0.0047	14.0413	-23.3333	1.9976	0.0000	1.7449	0.0000	4.2773
35.5308	6.7324	14.0432	7.1310	6.9048	14.0587	14.0472	14.0416	-0.0034	0.0088	7.8661	14.0334	0.0057	14.0436	-23.3333	2.0665	0.0000	1.7442	0.0000	4.8906
35.2945	6.7001	14.0501	7.1222	8.2261	14.0448	14.0403	14.0445	-0.0058	0.0058	7.8439	14.0415	0.0095	14.0436	-23.3333	2.2045	0.0000	1.7429	0.0000	5.4375
35.0517	6.6603	14.0426	7.0352	7.1385	14.0657	14.0466	14.0445	-0.0009	0.0058	7.5914	14.0379	0.0038	14.0384	-23.3333	1.9976	0.0000	1.7423	0.0000	5.9883
34.8505	6.6341	14.0414	7.0593	7.7431	14.0657	14.0460	14.0404	-0.0058	0.0100	7.2636	14.0488	0.0104	14.0401	-23.3333	1.9286	0.0000	1.7411	0.0000	6.5898
34.6755	6.6080	14.0460	6.9752	7.5329	14.0361	14.0449	14.0440	-0.0003	0.0112	7.3761	14.0506	0.0076	14.0384	-23.3333	2.0665	0.0000	1.7404	0.0000	7.1406
34.5792	6.5931	14.0437	6.9782	7.3993	14.0309	14.0437	14.0422	0.0009	0.0040	7.1649	14.0434	0.0038	14.0419	-23.3333	2.3425	0.0000	1.7401	0.0000	7.6875
34.4327	6.5700	14.0478	6.9893	6.6451	14.0570	14.0472	14.0445	0.0015	0.0034	6.9501	14.0543	0.0076	14.0356	-23.3333	2.0665	0.0000	1.7396	0.0000	8.2383
34.2730	6.5476	14.0432	6.9752	6.8316	14.0396	14.0403	14.0440	-0.0027	0.0148	6.6994	14.0415	0.0057	14.0396	-23.3333	2.1355	0.0000	1.7387	0.0000	8.8398
34.0761	6.5134	14.0466	6.9447	7.1074	14.0552	14.0426	14.0457	-0.0027	0.0088	6.3505	14.0388	0.0104	14.0390	-23.3333	2.2045	0.0000	1.7384	0.0000	9.3906
33.8792	6.4935	14.0420	6.8747	6.6330	14.0709	14.0437	14.0416	-0.0100	0.0088	6.4185	14.0406	0.0028	14.0373	-23.3333	2.2735	0.0000	1.7366	0.0000	9.9375
33.7174	6.4661	14.0426	6.8900	7.6325	14.0535	14.0437	14.0445	-0.0058	0.0088	7.0735	14.0397	0.0104	14.0356	-23.3333	1.9286	0.0000	1.7362	0.0000	10.4883
33.5446	6.4437	14.0507	6.8582	6.9629	14.0465	14.0489	14.0428	-0.0009	0.0118	7.6006	14.0343	0.0028	14.0441	-23.3333	2.0665	0.0000	1.7351	0.0000	11.0898
33.4111	6.4214	14.0443	6.8206	6.8731	14.0396	14.0478	14.0469	-0.0003	0.0004	7.2962	14.0424	0.0095	14.0362	-23.3333	1.9976	0.0000	1.7348	0.0000	11.6406
33.2602	6.3946	14.0449	6.7594	8.0200	14.0552	14.0432	14.0457	0.0045	0.0064	7.1317	14.0424	0.0066	14.0436	-23.3333	1.9286	0.0000	1.7346	0.0000	12.1875
33.0677	6.3722	14.0380	6.7665	6.8794	14.0465	14.0483	14.0428	0.0027	0.0118	6.6926	14.0379	-0.0058	14.0419	-23.3333	2.0665	0.0000	1.7331	0.0000	12.8008
32.9474	6.3573	14.0432	6.7165	6.5294	14.0518	14.0460	14.0422	-0.0052	0.0016	6.7388	14.0388	0.0085	14.0430	-23.3333	2.2735	0.0000	1.7322	0.0000	13.3477

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36.8270	6.9537	14.0393	7.1928	7.1702	14.0446	14.0407	14.0367	0.0018	-0.0011	8.1935	14.0426	0.0049	14.0401	-23.3333	2.4115	0.0000	1.7465	0.0000	0.3906
36.7701	6.9338	14.0416	7.2916	7.8760	14.0237	14.0436	14.0390	0.0018	0.0031	7.5093	14.0416	0.0068	14.0418	-23.3333	2.4115	0.0000	1.7473	0.0000	0.9375
36.6126	6.9133	14.0393	7.3539	7.3285	14.0359	14.0419	14.0414	-0.0055	0.0001	7.0439	14.0426	0.0030	14.0412	-23.3333	2.6875	0.0000	1.7465	0.0000	1.4883
36.4179	6.8884	14.0428	7.2869	6.9543	14.0394	14.0407	14.0373	-0.0036	-0.0071	6.7732	14.0380	0.0011	14.0395	-23.3333	2.4805	0.0000	1.7453	0.0000	2.0391
36.2254	6.8598	14.0474	7.1875	7.6970	14.0534	14.0436	14.0396	0.0000	-0.0059	6.5836	14.0407	-0.0123	14.0440	-23.3333	2.2735	0.0000	1.7446	0.0000	2.6406
36.0351	6.8268	14.0393	7.2193	8.1271	14.0446	14.0384	14.0414	-0.0018	0.0037	6.5619	14.0471	0.0058	14.0406	-23.3333	2.4115	0.0000	1.7443	0.0000	3.1875
35.8689	6.8050	14.0411	7.1481	6.9658	14.0342	14.0373	14.0420	-0.0103	-0.0106	6.8800	14.0344	0.0087	14.0423	-23.3333	2.4805	0.0000	1.7433	0.0000	3.7383
35.7661	6.7814	14.0336	7.1552	8.2008	14.0534	14.0419	14.0420	-0.0067	0.0025	7.1067	14.0480	0.0087	14.0452	-23.3333	2.2735	0.0000	1.7437	0.0000	4.2891
35.6786	6.7608	14.0359	7.1675	7.6360	14.0342	14.0476	14.0367	-0.0030	-0.0029	7.8120	14.0398	0.0001	14.0412	-23.3333	2.4115	0.0000	1.7441	0.0000	4.8906
35.4817	6.7409	14.0411	7.1581	7.7822	14.0446	14.0453	14.0414	0.0006	0.0025	7.7972	14.0480	0.0068	14.0412	-23.3333	2.5495	0.0000	1.7424	0.0000	5.4375
35.3636	6.7210	14.0399	6.9800	7.2209	14.0568	14.0373	14.0361	0.0006	-0.0023	7.6241	14.0416	0.0163	14.0367	-23.3333	2.4115	0.0000	1.7422	0.0000	5.9883
35.2104	6.7011	14.0399	7.0782	6.7983	14.0342	14.0390	14.0408	0.0018	0.0001	7.2506	14.0353	0.0011	14.0389	-23.3333	2.4115	0.0000	1.7413	0.0000	6.5391
35.0748	6.6825	14.0422	7.0723	8.1582	14.0412	14.0407	14.0449	0.0000	-0.0017	7.3117	14.0426	0.0058	14.0406	-23.3333	2.6185	0.0000	1.7406	0.0000	7.0898
34.9545	6.6619	14.0370	7.0970	7.6941	14.0307	14.0430	14.0449	0.0048	0.0049	7.2809	14.0362	-0.0066	14.0423	-23.3333	2.4805	0.0000	1.7403	0.0000	7.6875
34.8758	6.6457	14.0393	7.0070	6.5990	14.0464	14.0396	14.0396	0.0066	-0.0118	7.0125	14.0516	0.0077	14.0423	-23.3333	2.4805	0.0000	1.7404	0.0000	8.2383
34.6898	6.6283	14.0382	6.9753	7.1679	14.0342	14.0367	14.0385	-0.0030	-0.0035	6.7966	14.0544	0.0154	14.0372	-23.3333	2.3425	0.0000	1.7386	0.0000	8.7891
34.6264	6.6097	14.0330	6.8524	6.9451	14.0534	14.0367	14.0385	0.0036	-0.0005	6.4797	14.0526	0.0039	14.0406	-23.3333	2.4115	0.0000	1.7393	0.0000	9.3398
34.5061	6.5947	14.0330	6.9606	6.5386	14.0342	14.0419	14.0408	0.0042	-0.0011	6.4963	14.0371	-0.0037	14.0395	-23.3333	2.4115	0.0000	1.7385	0.0000	9.9375
34.4667	6.5873	14.0537	6.9888	6.3054	14.0586	14.0396	14.0379	0.0006	-0.0047	7.1701	14.0398	-0.0094	14.0418	-23.3333	2.1355	0.0000	1.7385	0.0000	10.4883
34.4164	6.5804	14.0439	6.9459	6.8426	14.0290	14.0511	14.0414	-0.0042	-0.0035	7.7012	14.0407	0.0096	14.0452	-23.3333	2.2735	0.0000	1.7382	0.0000	11.0391
34.3398	6.5624	14.0405	6.9059	7.5657	14.0481	14.0447	14.0402	0.0054	-0.0083	7.4791	14.0462	-0.0018	14.0446	-23.3333	2.3425	0.0000	1.7386	0.0000	11.5898
34.2130	6.5512	14.0405	6.9559	7.6538	14.0290	14.0402	14.0396	0.0006	0.0025	7.3078	14.0444	-0.0123	14.0429	-23.3333	2.2735	0.0000	1.7372	0.0000	12.1992
34.1692	6.5406	14.0480	6.9124	6.9226	14.0325	14.0350	14.0367	0.0012	-0.0041	6.8994	14.0362	-0.0037	14.0406	-23.3333	2.3425	0.0000	1.7375	0.0000	12.7500
34.0401	6.5207	14.0359	6.9182	7.4448	14.0412	14.0407	14.0443	0.0000	0.0037	6.8789	14.0362	0.0020	14.0355	-23.3333	2.4115	0.0000	1.7370	0.0000	13.2969

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37.6436	7.0631	14.0350	7.4682	8.6592	14.0364	14.0486	14.0425	-0.0021	0.0031	8.3266	14.0421	-0.0063	14.0410	-23.3333	2.4115	0.0000	1.7506	0.0000	0.3906
37.6458	7.0643	14.0378	7.4705	8.3956	14.0295	14.0406	14.0419	-0.0069	0.0037	7.6465	14.0485	0.0070	14.0399	-23.3333	2.0665	0.0000	1.7505	0.0000	0.9922
37.4752	7.0469	14.0425	7.4082	7.3080	14.0242	14.0458	14.0425	0.0033	0.0031	7.1879	14.0330	0.0080	14.0433	-23.3333	2.2735	0.0000	1.7492	0.0000	1.5391
37.3002	7.0145	14.0453	7.4347	7.3817	14.0225	14.0446	14.0413	0.0027	-0.0065	6.9269	14.0385	0.0070	14.0450	-23.3333	2.0665	0.0000	1.7491	0.0000	2.0898
37.0070	6.9679	14.0442	7.4012	7.9551	14.0504	14.0377	14.0384	0.0021	-0.0149	6.7116	14.0449	-0.0073	14.0399	-23.3333	2.2735	0.0000	1.7483	0.0000	2.6406
36.7730	6.9349	14.0453	7.3141	8.0340	14.0486	14.0406	14.0407	0.0027	0.0007	7.0343	14.0458	0.0080	14.0421	-23.3333	2.3425	0.0000	1.7473	0.0000	3.2500
36.5324	6.8957	14.0430	7.2530	8.1589	14.0451	14.0435	14.0430	-0.0063	-0.0017	6.9937	14.0340	0.0127	14.0404	-23.3333	2.2045	0.0000	1.7467	0.0000	3.7891
36.3027	6.8658	14.0419	7.2747	8.4980	14.0190	14.0400	14.0425	0.0027	0.0031	7.1908	14.0458	0.0080	14.0421	-23.3333	2.3425	0.0000	1.7454	0.0000	4.3398
36.1320	6.8403	14.0384	7.2559	8.6984	14.0504	14.0418	14.0413	0.0021	-0.0035	7.9063	14.0494	-0.0025	14.0399	-23.3333	2.2735	0.0000	1.7447	0.0000	4.8906
36.0292	6.8192	14.0396	7.2289	7.5671	14.0364	14.0395	14.0372	-0.0003	-0.0017	7.8926	14.0330	-0.0016	14.0467	-23.3333	2.2735	0.0000	1.7449	0.0000	5.5000
35.9089	6.7924	14.0488	7.1536	7.1456	14.0521	14.0406	14.0360	0.0003	0.0031	7.7510	14.0394	0.0022	14.0381	-23.3333	2.1355	0.0000	1.7453	0.0000	6.0508
35.7777	6.7825	14.0465	7.1630	8.0726	14.0364	14.0469	14.0360	0.0033	0.0090	7.4158	14.0358	0.0089	14.0387	-23.3333	2.2735	0.0000	1.7438	0.0000	6.6016
35.6814	6.7588	14.0436	7.2048	7.9505	14.0486	14.0406	14.0366	0.0033	0.0067	7.5625	14.0430	-0.0025	14.0450	-23.3333	2.2735	0.0000	1.7444	0.0000	7.1406
35.5130	6.7389	14.0367	7.1542	8.4710	14.0434	14.0412	14.0430	-0.0003	0.0007	7.3632	14.0340	0.0089	14.0427	-23.3333	2.2735	0.0000	1.7432	0.0000	7.6914
35.4342	6.7184	14.0494	7.1195	7.5999	14.0451	14.0441	14.0430	0.0009	0.0007	7.0868	14.0421	0.0041	14.0421	-23.3333	2.4115	0.0000	1.7437	0.0000	8.3008
35.3095	6.7109	14.0402	7.1083	7.4341	14.0469	14.0458	14.0407	-0.0027	0.0073	6.8510	14.0321	0.0022	14.0376	-23.3333	2.0665	0.0000	1.7422	0.0000	8.8516
35.1914	6.6792	14.0442	7.0948	8.2476	14.0434	14.0389	14.0390	0.0082	0.0037	6.5432	14.0403	0.0041	14.0427	-23.3333	2.2735	0.0000	1.7431	0.0000	9.3984
35.1017	6.6755	14.0430	7.0507	7.0978	14.0068	14.0320	14.0425	0.0033	0.0007	6.5666	14.0512	-0.0044	14.0410	-23.3333	2.0665	0.0000	1.7418	0.0000	9.9492
34.9508	6.6462	14.0361	6.9796	8.3622	14.0347	14.0504	14.0419	0.0070	-0.0017	7.2673	14.0440	0.0070	14.0393	-23.3333	2.3425	0.0000	1.7418	0.0000	10.5508
34.8261	6.6338	14.0430	7.0601	6.7570	14.0451	14.0441	14.0390	-0.0009	-0.0029	7.7767	14.0294	0.0041	14.0478	-23.3333	2.2735	0.0000	1.7407	0.0000	11.1016
34.7058	6.6139	14.0482	7.0207	6.3039	14.0416	14.0406	14.0413	-0.0015	0.0019	7.5346	14.0376	-0.0044	14.0450	-23.3333	2.4805	0.0000	1.7404	0.0000	11.6484
34.5702	6.5952	14.0482	7.0072	7.5319	14.0242	14.0441	14.0372	-0.0015	0.0001	7.4175	14.0367	0.0022	14.0421	-23.3333	2.2045	0.0000	1.7397	0.0000	12.1992
34.4696	6.5741	14.0402	6.9649	7.1779	14.0260	14.0412	14.0384	0.0045	-0.0011	6.9955	14.0330	0.0070	14.0381	-23.3333	2.2735	0.0000	1.7399	0.0000	12.8008
34.3864	6.5647	14.0373	6.9831	7.3011	14.0486	14.0372	14.0419	0.0027	0.0019	6.9526	14.0403	0.0013	14.0433	-23.3333	2.6185	0.0000	1.7392	0.0000	13.3516

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38.3128	7.1864	14.0403	7.5762	7.1020	14.0289	14.0400	14.0408	-0.0030	0.0041	8.4893	14.0383	0.0016	14.0402	-23.3333	2.6185	0.0000	1.7508	0.0000	0.3789
38.4353	7.1988	14.0328	7.5250	8.2984	14.0428	14.0440	14.0414	-0.0042	0.0017	7.8298	14.0373	0.0064	14.0441	-23.3333	2.5495	0.0000	1.7518	0.0000	0.9883
38.3478	7.1870	14.0449	7.5632	9.2116	14.0515	14.0383	14.0350	-0.0018	-0.0055	7.3329	14.0446	-0.0022	14.0385	-23.3333	2.5495	0.0000	1.7514	0.0000	1.5391
38.1925	7.1652	14.0385	7.6108	8.7895	14.0585	14.0371	14.0391	-0.0030	0.0047	7.0582	14.0373	0.0016	14.0419	-23.3333	2.6185	0.0000	1.7507	0.0000	2.0898
38.0678	7.1410	14.0385	7.5679	8.3721	14.0394	14.0400	14.0385	-0.0006	-0.0007	6.9138	14.0392	0.0016	14.0362	-23.3333	2.4805	0.0000	1.7508	0.0000	2.6367
37.8666	7.1080	14.0403	7.5015	8.5564	14.0324	14.0394	14.0397	-0.0024	0.0017	6.8624	14.0492	0.0016	14.0424	-23.3333	2.4805	0.0000	1.7503	0.0000	3.2383
37.6960	7.0825	14.0368	7.4427	7.9616	14.0515	14.0429	14.0420	0.0030	-0.0019	7.2176	14.0401	-0.0032	14.0402	-23.3333	2.4805	0.0000	1.7497	0.0000	3.7891
37.4532	7.0433	14.0391	7.4750	9.4695	14.0394	14.0389	14.0332	0.0012	-0.0001	7.3872	14.0410	-0.0003	14.0396	-23.3333	2.4805	0.0000	1.7491	0.0000	4.3398
37.2322	7.0159	14.0362	7.3880	8.5212	14.0550	14.0452	14.0385	-0.0012	0.0011	8.1141	14.0328	-0.0089	14.0379	-23.3333	2.5495	0.0000	1.7478	0.0000	4.8867
37.0529	6.9836	14.0357	7.3945	8.3698	14.0411	14.0435	14.0403	-0.0036	-0.0019	8.1524	14.0319	0.0016	14.0362	-23.3333	2.6185	0.0000	1.7477	0.0000	5.4883
36.9019	6.9537	14.0397	7.3521	8.5558	14.0463	14.0417	14.0426	-0.0006	0.0041	7.9788	14.0392	-0.0079	14.0356	-23.3333	2.4805	0.0000	1.7478	0.0000	6.0391
36.7575	6.9338	14.0362	7.3445	7.0111	14.0446	14.0412	14.0414	0.0018	0.0011	7.6076	14.0328	0.0025	14.0351	-23.3333	2.4805	0.0000	1.7471	0.0000	6.5898
36.6613	6.9195	14.0357	7.2722	8.5685	14.0533	14.0417	14.0379	-0.0018	0.0053	7.7487	14.0419	-0.0079	14.0441	-23.3333	2.6185	0.0000	1.7467	0.0000	7.1367
36.5804	6.9064	14.0408	7.2540	8.3577	14.0446	14.0406	14.0385	0.0000	-0.0037	7.5334	14.0392	0.0006	14.0430	-23.3333	2.5495	0.0000	1.7465	0.0000	7.7383
36.4185	6.8809	14.0333	7.2757	8.7130	14.0550	14.0406	14.0414	-0.0054	-0.0061	7.2581	14.0364	-0.0003	14.0362	-23.3333	2.5495	0.0000	1.7460	0.0000	8.2891
36.3266	6.8647	14.0397	7.2734	8.1015	14.0324	14.0423	14.0367	-0.0030	0.0029	7.0068	14.0383	-0.0060	14.0402	-23.3333	2.4805	0.0000	1.7459	0.0000	8.8398
36.2391	6.8523	14.0426	7.2545	7.9058	14.0550	14.0435	14.0385	0.0012	-0.0025	6.7264	14.0310	0.0102	14.0339	-23.3333	2.6185	0.0000	1.7455	0.0000	9.3867
36.1188	6.8324	14.0374	7.2469	7.6415	14.0481	14.0389	14.0403	-0.0012	-0.0067	6.7013	14.0410	-0.0003	14.0402	-23.3333	2.4115	0.0000	1.7453	0.0000	10.0000
36.0225	6.8206	14.0380	7.2040	6.3956	14.0306	14.0366	14.0391	0.0012	-0.0001	7.4426	14.0392	0.0006	14.0402	-23.3333	2.5495	0.0000	1.7446	0.0000	10.5469
35.8738	6.8063	14.0362	7.1875	7.2863	14.0568	14.0446	14.0379	0.0012	0.0041	7.9411	14.0337	-0.0117	14.0413	-23.3333	2.4805	0.0000	1.7433	0.0000	11.0977
35.7425	6.7789	14.0380	7.1640	7.1895	14.0550	14.0383	14.0385	0.0024	0.0059	7.6647	14.0337	-0.0003	14.0407	-23.3333	2.5495	0.0000	1.7435	0.0000	11.6367
35.6135	6.7602	14.0357	7.1458	7.9680	14.0202	14.0389	14.0403	0.0012	0.0053	7.5676	14.0492	0.0016	14.0407	-23.3333	2.4805	0.0000	1.7430	0.0000	12.1875
35.4647	6.7416	14.0322	7.1070	7.4561	14.0498	14.0423	14.0379	0.0061	0.0017	7.2004	14.0401	-0.0003	14.0402	-23.3333	2.4805	0.0000	1.7420	0.0000	12.7969
35.3554	6.7204	14.0374	7.0740	8.6157	14.0394	14.0423	14.0385	-0.0024	0.0011	7.1273	14.0464	-0.0013	14.0436	-23.3333	2.5495	0.0000	1.7421	0.0000	13.3477

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37.8406	7.0808	14.2101	7.2589	7.0919	14.2220	14.2094	14.2172	-0.0034	-0.0032	8.2992	14.2126	-0.0035	6.8829	-23.3333	2.4805	0.0000	1.7524	0.0000	0.3789
37.6131	7.0497	14.2095	7.2807	8.6804	14.2255	14.2112	14.2154	0.0008	0.0022	7.6007	14.2144	-0.0026	6.8164	-23.3333	2.5495	0.0000	1.7513	0.0000	0.9297
37.2281	6.9888	14.2118	7.1660	8.1265	14.2098	14.2037	14.2125	-0.0022	0.0046	7.1068	14.2108	-0.0026	6.7493	-23.3333	2.6875	0.0000	1.7503	0.0000	1.5391
36.8715	6.9396	14.2158	7.1843	8.6050	14.2081	14.2089	14.2107	0.0026	0.0028	6.8246	14.1999	-0.0073	6.7044	-23.3333	2.8256	0.0000	1.7486	0.0000	2.0898
36.5696	6.9004	14.2124	7.0978	7.2272	14.2220	14.2094	14.2172	0.0020	0.0010	6.6082	14.2090	-0.0035	6.6612	-23.3333	2.5495	0.0000	1.7469	0.0000	2.6914
36.3706	6.8650	14.2141	7.0814	7.5629	14.1993	14.2112	14.2131	-0.0047	0.0052	6.8532	14.2153	0.0031	6.6225	-23.3333	2.6875	0.0000	1.7467	0.0000	3.2383
36.1956	6.8469	14.2129	6.9908	7.8968	14.2011	14.2054	14.2148	0.0008	0.0022	6.9726	14.2144	-0.0026	6.6004	-23.3333	2.4805	0.0000	1.7453	0.0000	3.7891
35.9615	6.8158	14.2147	7.0955	7.4892	14.1993	14.2100	14.2207	-0.0004	0.0052	7.5048	14.2026	-0.0064	6.5543	-23.3333	2.5495	0.0000	1.7440	0.0000	4.3906
35.7472	6.7779	14.2089	7.0132	6.2651	14.2081	14.2037	14.2125	-0.0022	-0.0032	7.9474	14.2090	0.0022	6.5265	-23.3333	2.5495	0.0000	1.7437	0.0000	4.9414
35.5722	6.7530	14.2152	6.9749	7.6417	14.2150	14.2066	14.2101	-0.0040	0.0034	7.5619	14.2080	-0.0045	6.4980	-23.3333	2.5495	0.0000	1.7429	0.0000	5.5508
35.4147	6.7349	14.2118	6.9355	7.4293	14.2028	14.2123	14.2125	0.0014	0.0004	7.5202	14.2099	-0.0045	6.4622	-23.3333	2.4805	0.0000	1.7418	0.0000	6.1016
35.2528	6.7069	14.2141	6.8703	7.0315	14.2202	14.2072	14.2142	0.0008	-0.0062	7.1462	14.2108	-0.0007	6.4457	-23.3333	2.6875	0.0000	1.7415	0.0000	6.6992
35.1303	6.6901	14.2141	6.9091	6.7177	14.2011	14.2094	14.2154	0.0026	-0.0014	7.1627	14.2135	0.0117	6.4264	-23.3333	2.5495	0.0000	1.7408	0.0000	7.2500
34.9903	6.6646	14.2101	6.8568	7.4535	14.2133	14.2077	14.2142	0.0092	-0.0008	7.2375	14.2035	-0.0007	6.3985	-23.3333	2.4805	0.0000	1.7407	0.0000	7.8516
34.9072	6.6572	14.2112	6.8144	6.2352	14.2202	14.2112	14.2125	0.0080	-0.0044	7.0753	14.2217	0.0022	6.3940	-23.3333	2.6185	0.0000	1.7399	0.0000	8.3984
34.7606	6.6298	14.2101	6.8568	7.7926	14.2133	14.2008	14.2154	0.0098	-0.0038	6.7852	14.2035	-0.0016	6.3622	-23.3333	2.4805	0.0000	1.7398	0.0000	8.9492
34.6272	6.6124	14.2124	6.7780	6.6520	14.2133	14.2135	14.2136	0.0141	-0.0002	6.4969	14.2071	-0.0054	6.3320	-23.3333	2.6875	0.0000	1.7390	0.0000	9.5586
34.4784	6.5869	14.2095	6.7098	7.5087	14.2272	14.2060	14.2101	0.0062	0.0004	6.4723	14.2144	-0.0102	6.3133	-23.3333	2.6185	0.0000	1.7388	0.0000	10.1094
34.3756	6.5763	14.2135	6.6663	6.8173	14.2168	14.2123	14.2119	0.0123	-0.0014	6.9908	14.2144	-0.0026	6.2826	-23.3333	2.5495	0.0000	1.7378	0.0000	10.7109
34.2553	6.5613	14.2129	6.7450	7.0418	14.2115	14.2106	14.2119	0.0044	-0.0020	7.6104	14.2190	-0.0007	6.2678	-23.3333	2.6875	0.0000	1.7370	0.0000	11.2617
34.1656	6.5427	14.2066	6.7433	7.7258	14.2028	14.2140	14.2136	0.0032	0.0022	7.5037	14.2108	-0.0016	6.2536	-23.3333	2.3425	0.0000	1.7372	0.0000	11.8086
34.1109	6.5421	14.2101	6.7445	6.6543	14.2063	14.2123	14.2148	0.0092	-0.0038	7.3706	14.2135	-0.0054	6.2439	-23.3333	2.4805	0.0000	1.7362	0.0000	12.4102
34.0847	6.5327	14.2135	6.7462	7.2416	14.2046	14.2123	14.2136	0.0056	-0.0014	6.8224	14.2117	0.0060	6.2479	-23.3333	2.6185	0.0000	1.7366	0.0000	12.9609
34.0912	6.5315	14.2129	6.6727	7.6492	14.2098	14.2123	14.2119	0.0092	0.0022	6.8572	14.2135	-0.0007	6.2428	-23.3333	2.5495	0.0000	1.7369	0.0000	13.5703

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33.6101	6.4966	14.2396	6.4539	5.8848	14.2524	14.2381	14.2444	0.0080	0.0066	7.1690	8.3660	-0.6110	7.9120	-23.3333	20.3159	0.0533	1.7310	0.0000	0.3828
33.5095	6.4748	14.2425	6.4092	6.1076	14.2315	14.2421	14.2392	0.0050	0.0036	6.8069	8.3505	-0.6177	7.8842	-23.3333	20.3869	0.0535	1.7313	0.0000	1.0430
33.0939	6.4195	14.2373	6.3163	6.0696	14.2315	14.2421	14.2415	0.0068	0.0012	6.4191	8.2850	-0.6386	7.7977	-23.3333	20.1739	0.0542	1.7287	0.0000	1.7031
32.5579	6.3479	14.2431	6.2305	5.6194	14.2489	14.2432	14.2427	0.0038	0.0072	6.2147	8.2341	-0.6453	7.7494	-23.3333	20.1739	0.0544	1.7253	0.0000	2.3633
32.4114	6.3224	14.2431	6.2587	5.6568	14.2367	14.2432	14.2415	0.0020	0.0000	6.4945	8.2005	-0.6262	7.7238	-23.3333	20.1030	0.0534	1.7250	0.0000	3.0195
32.2342	6.2926	14.2425	6.2240	5.6885	14.2437	14.2415	14.2438	0.0038	0.0078	6.5128	8.1877	-0.6358	7.6937	-23.3333	19.9611	0.0538	1.7245	0.0000	3.7305
32.1248	6.2801	14.2396	6.1958	5.5181	14.2263	14.2432	14.2421	0.0038	0.0060	7.4482	8.1550	-0.6481	7.6709	-23.3333	20.2449	0.0543	1.7236	0.0000	4.3906
31.9804	6.2552	14.2379	6.1635	5.6793	14.2506	14.2421	14.2403	0.0032	0.0018	6.7875	8.1395	-0.6424	7.6624	-23.3333	20.1030	0.0540	1.7232	0.0000	5.0508
32.1861	6.2838	14.2391	6.2040	5.6683	14.2402	14.2409	14.2409	0.0032	0.0036	6.6150	8.1923	-0.6272	7.7324	-23.3333	20.1739	0.0534	1.7244	0.0000	5.7109
32.7636	6.3622	14.2402	6.2958	5.5923	14.2350	14.2421	14.2386	0.0080	0.0060	6.4214	8.2496	-0.6157	7.7892	-23.3333	20.4579	0.0531	1.7280	0.0000	6.3711
32.8620	6.3821	14.2425	6.3187	5.7069	14.2489	14.2409	14.2421	0.0038	0.0054	6.6738	8.2614	-0.6196	7.7841	-23.3333	20.3869	0.0533	1.7279	0.0000	7.0313
32.7723	6.3647	14.2431	6.2928	5.8071	14.2385	14.2312	14.2427	0.0044	0.0048	6.7258	8.2368	-0.6310	7.7602	-23.3333	20.3159	0.0538	1.7279	0.0000	7.6914
32.3720	6.3081	14.2379	6.2087	5.8215	14.2437	14.2381	14.2397	0.0074	0.0006	6.3272	8.1768	-0.6510	7.6948	-23.3333	20.1739	0.0544	1.7257	0.0000	8.4023
32.1226	6.2733	14.2321	6.1929	5.5250	14.2332	14.2404	14.2397	0.0068	0.0018	6.3443	8.1513	-0.6443	7.6783	-23.3333	20.2449	0.0541	1.7242	0.0000	9.0625
32.0220	6.2546	14.2414	6.1805	5.3494	14.2280	14.2449	14.2415	0.0032	-0.0024	6.4860	8.1504	-0.6462	7.6607	-23.3333	20.3159	0.0542	1.7241	0.0000	9.7227
32.1270	6.2677	14.2402	6.2211	5.5808	14.2559	14.2381	14.2397	0.0050	0.0030	6.4454	8.1704	-0.6339	7.7022	-23.3333	20.1739	0.0537	1.7249	0.0000	10.3828
32.4770	6.3268	14.2437	6.2487	5.7219	14.2524	14.2398	14.2362	0.0080	-0.0024	6.2512	8.2059	-0.6215	7.7301	-23.3333	20.5289	0.0532	1.7259	0.0000	11.0430
32.5601	6.3299	14.2408	6.2399	5.7109	14.2263	14.2381	14.2427	0.0062	-0.0060	6.2410	8.2150	-0.6348	7.7346	-23.3333	20.5289	0.0539	1.7272	0.0000	11.7031
32.4704	6.3187	14.2373	6.2458	5.4519	14.2524	14.2426	14.2421	0.0044	0.0012	6.3820	8.1941	-0.6358	7.7176	-23.3333	20.3159	0.0538	1.7266	0.0000	12.3633
32.3086	6.2938	14.2431	6.1940	5.5952	14.2454	14.2432	14.2409	0.0014	0.0030	7.3791	8.1795	-0.6443	7.6960	-23.3333	20.1030	0.0542	1.7259	0.0000	13.0703
32.1620	6.2670	14.2442	6.1705	5.6983	14.2315	14.2398	14.2415	0.0080	0.0048	7.2729	8.1523	-0.6462	7.6715	-23.3333	20.1030	0.0542	1.7257	0.0000	13.7305
32.0067	6.2453	14.2419	6.1605	5.6482	14.2332	14.2432	14.2374	0.0044	0.0024	6.9314	8.1368	-0.6615	7.6556	-23.3333	20.3159	0.0548	1.7248	0.0000	14.3906
31.9848	6.2478	14.2373	6.1605	5.8952	14.2367	14.2392	14.2438	0.0074	0.0006	6.6076	8.1359	-0.6424	7.6613	-23.3333	19.9611	0.0539	1.7241	0.0000	15.0508
32.1532	6.2733	14.2339	6.1723	5.5739	14.2350	14.2421	14.2397	0.0068	0.0036	6.6761	8.1559	-0.6443	7.6835	-23.3333	20.1739	0.0541	1.7249	0.0000	15.7109

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38.0819	7.1985	14.2396	7.1012	7.1857	14.2382	14.2402	14.2389	0.0078	-0.0102	8.1053	9.0566	-0.5595	8.6371	-23.3333	20.5999	0.0528	1.7457	0.0000	0.3828
38.0316	7.1947	14.2356	7.0847	6.9566	14.2278	14.2408	14.2377	0.0084	-0.0018	7.5753	9.0484	-0.5490	8.6212	-23.3333	20.5289	0.0523	1.7452	0.0000	1.0430
37.8697	7.1692	14.2408	7.0618	6.7309	14.2591	14.2356	14.2395	-0.0006	-0.0042	7.2270	9.0020	-0.5509	8.5916	-23.3333	20.4579	0.0523	1.7447	0.0000	1.6992
37.6378	7.1363	14.2356	7.0295	6.6860	14.2382	14.2379	14.2395	-0.0018	0.0036	7.0682	8.9584	-0.5500	8.5325	-23.3333	20.1739	0.0521	1.7437	0.0000	2.3594
37.4300	7.1027	14.2402	7.0148	6.7090	14.2382	14.2396	14.2371	0.0066	-0.0036	6.9677	8.9157	-0.5500	8.4950	-23.3333	20.1030	0.0520	1.7432	0.0000	3.0195
37.1784	7.0566	14.2425	6.9713	6.7528	14.2522	14.2356	14.2389	0.0030	-0.0006	6.9517	8.8756	-0.5500	8.4620	-23.3333	20.1739	0.0519	1.7430	0.0000	3.6797
36.9641	7.0349	14.2448	6.9654	6.7591	14.2382	14.2414	14.2430	0.0042	-0.0042	8.7346	8.8275	-0.5452	8.4114	-23.3333	19.9611	0.0515	1.7413	0.0000	4.3398
36.7912	6.9982	14.2391	6.9078	6.7453	14.2557	14.2425	14.2424	0.0012	-0.0060	7.8552	8.7756	-0.5357	8.3631	-23.3333	20.1030	0.0509	1.7416	0.0000	4.9922
36.5725	6.9627	14.2408	6.8560	6.6727	14.2261	14.2419	14.2418	0.0072	-0.0018	7.5382	8.7429	-0.5414	8.3221	-23.3333	20.1739	0.0511	1.7410	0.0000	5.6523
36.3144	6.9216	14.2373	6.8037	6.7378	14.2626	14.2442	14.2371	-0.0036	-0.0078	7.1996	8.7056	-0.5414	8.2812	-23.3333	20.2449	0.0510	1.7403	0.0000	6.3125
36.0234	6.8911	14.2419	6.8055	6.4632	14.2348	14.2436	14.2412	0.0066	-0.0108	7.3321	8.6620	-0.5462	8.2437	-23.3333	20.0320	0.0511	1.7379	0.0000	7.0313
35.7719	6.8488	14.2460	6.7349	6.1730	14.2295	14.2350	14.2424	0.0006	-0.0036	7.2807	8.6274	-0.5529	8.2079	-23.3333	20.1739	0.0513	1.7373	0.0000	7.6914
35.6034	6.8159	14.2425	6.7402	6.3083	14.2313	14.2414	14.2401	-0.0018	-0.0078	6.9769	8.5738	-0.5471	8.1556	-23.3333	20.1739	0.0509	1.7374	0.0000	8.3398
35.4000	6.7841	14.2431	6.7096	6.3624	14.2400	14.2442	14.2430	0.0121	-0.0054	6.8803	8.5392	-0.5519	8.1192	-23.3333	20.1030	0.0510	1.7367	0.0000	9.0000
35.1572	6.7524	14.2408	6.6479	6.4217	14.2522	14.2436	14.2336	0.0103	-0.0006	7.1693	8.5128	-0.5538	8.0907	-23.3333	20.2449	0.0510	1.7352	0.0000	9.6602
34.9516	6.7176	14.2356	6.6426	6.2824	14.2487	14.2408	14.2406	0.0084	-0.0012	6.9866	8.4783	-0.5443	8.0515	-23.3333	20.1030	0.0505	1.7348	0.0000	10.3203
34.7088	6.6840	14.2419	6.5744	6.1822	14.2435	14.2402	14.2377	0.0018	0.0030	6.7490	8.4474	-0.5633	8.0140	-23.3333	20.1739	0.0513	1.7335	0.0000	10.9805
34.4944	6.6522	14.2443	6.5650	6.0267	14.2278	14.2408	14.2424	0.0060	-0.0036	6.6216	8.4173	-0.5681	7.9901	-23.3333	20.3159	0.0514	1.7325	0.0000	11.6406
34.3150	6.6149	14.2396	6.5244	5.9237	14.2243	14.2414	14.2424	-0.0012	-0.0030	6.7330	8.3937	-0.5738	7.9458	-23.3333	20.1739	0.0516	1.7328	0.0000	12.3008
34.1006	6.5900	14.2362	6.4856	5.9162	14.2504	14.2391	14.2424	0.0072	-0.0072	7.6422	8.3564	-0.5786	7.9253	-23.3333	20.1030	0.0517	1.7312	0.0000	12.9609
33.9278	6.5620	14.2396	6.4774	6.0624	14.2365	14.2419	14.2418	0.0012	0.0012	7.7404	8.3291	-0.5748	7.8940	-23.3333	20.1739	0.0515	1.7306	0.0000	13.6211
33.7310	6.5272	14.2362	6.4127	5.8523	14.2278	14.2402	14.2453	0.0036	0.0000	7.3777	8.3019	-0.5795	7.8576	-23.3333	20.2449	0.0516	1.7303	0.0000	14.3320
33.5669	6.5029	14.2402	6.3757	6.0993	14.2261	14.2373	14.2406	-0.0018	0.0024	6.8729	8.2964	-0.5738	7.8463	-23.3333	20.1030	0.0513	1.7295	0.0000	14.9922
33.6588	6.5160	14.2402	6.4350	6.1926	14.2313	14.2414	14.2424	0.0012	0.0006	6.9169	8.3028	-0.5633	7.8804	-23.3333	20.2449	0.0509	1.7300	0.0000	15.6523

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35.9896	6.8811	14.2358	6.5350	6.2372	14.2347	14.2396	14.2382	-0.0010	0.0026	7.5600	10.9718	-1.5959	9.7372	-23.3333	18.8271	0.1006	1.7382	0.0000	0.4414
35.9130	6.8656	14.2398	6.4962	6.4693	14.2486	14.2419	14.2406	0.0002	0.0079	7.1476	10.9609	-1.6045	9.7349	-23.3333	19.0395	0.1008	1.7383	0.0000	1.1016
35.7599	6.8364	14.2347	6.4839	6.3466	14.2329	14.2379	14.2429	-0.0028	0.0055	6.8513	10.9273	-1.6035	9.7048	-23.3321	18.8271	0.1006	1.7383	0.0000	1.7617
35.5892	6.8140	14.2352	6.4645	6.4578	14.2364	14.2402	14.2365	-0.0010	-0.0076	6.7884	10.9073	-1.6083	9.6638	-21.2367	18.7563	0.1007	1.7373	0.0000	2.4219
35.3836	6.7853	14.2433	6.4498	6.3823	14.2138	14.2391	14.2435	-0.0034	0.0061	8.6461	10.8873	-1.6235	9.6485	-18.4608	18.7563	0.1011	1.7363	0.0000	3.0703
35.1977	6.7524	14.2375	6.4280	6.5902	14.2207	14.2488	14.2429	0.0008	0.0044	8.6421	10.9309	-1.6435	9.6508	-23.3333	18.7563	0.1020	1.7360	0.0000	3.7305
35.0249	6.7275	14.2341	6.3780	6.1791	14.2312	14.2437	14.2377	-0.0064	0.0055	7.8603	10.8463	-1.6292	9.5928	-12.2379	18.8271	0.1012	1.7352	0.0000	4.3906
34.8586	6.6852	14.2352	6.3280	6.0749	14.2172	14.2414	14.2353	-0.0004	0.0097	7.2955	10.8054	-1.6464	9.5422	-12.2249	18.8271	0.1016	1.7362	0.0000	5.1133
34.6267	6.6559	14.2375	6.2969	6.2562	14.2469	14.2425	14.2417	-0.0028	0.0049	7.2093	10.7818	-1.6216	9.5285	-12.2249	18.8271	0.1006	1.7347	0.0000	5.7734
34.4014	6.6211	14.2375	6.2851	5.9315	14.2294	14.2396	14.2406	0.0008	0.0073	7.0871	10.7536	-1.6531	9.4864	-12.2249	18.8271	0.1016	1.7339	0.0000	6.4219
34.1871	6.6018	14.2398	6.2669	6.0524	14.2451	14.2419	14.2388	-0.0034	0.0085	7.1071	10.7272	-1.6502	9.4597	-12.2249	18.8979	0.1013	1.7317	0.0000	7.0820
34.0580	6.5775	14.2381	6.2146	5.8538	14.2416	14.2460	14.2423	-0.0016	0.0091	6.6914	10.7081	-1.6483	9.4302	-12.2249	18.9687	0.1012	1.7316	0.0000	7.7422
33.9246	6.5558	14.2364	6.1952	5.8670	14.2381	14.2431	14.2406	-0.0100	0.0020	6.5988	10.7036	-1.6512	9.4222	-12.2249	18.8979	0.1013	1.7312	0.0000	8.4023
33.8939	6.5514	14.2370	6.1693	6.0064	14.2451	14.2374	14.2388	-0.0034	0.0038	6.4709	10.7081	-1.6597	9.4415	-12.2249	18.9687	0.1016	1.7310	0.0000	9.0625
33.9049	6.5421	14.2387	6.1323	6.2724	14.2242	14.2448	14.2377	-0.0034	0.0044	6.6097	10.7154	-1.6493	9.4324	-12.2249	19.0395	0.1013	1.7322	0.0000	9.7227
33.9289	6.5527	14.2352	6.1940	5.8786	14.2416	14.2362	14.2417	-0.0046	0.0038	6.7987	10.6963	-1.6578	9.4177	-12.2249	19.1812	0.1015	1.7316	0.0000	10.3828
33.9639	6.5551	14.2335	6.1963	6.3685	14.2381	14.2368	14.2423	-0.0010	0.0038	6.5537	10.7045	-1.6369	9.4319	-12.2249	19.3938	0.1008	1.7320	0.0000	11.0430
33.9989	6.5527	14.2335	6.2152	6.0795	14.2381	14.2408	14.2435	-0.0113	0.0073	6.5497	10.6890	-1.6369	9.4398	-12.2249	19.3229	0.1007	1.7330	0.0000	11.7031
34.0383	6.5620	14.2404	6.1722	6.1296	14.2434	14.2391	14.2400	-0.0185	0.0044	6.7370	10.7218	-1.6559	9.4535	-12.2249	18.8979	0.1015	1.7328	0.0000	12.3633
34.1214	6.5713	14.2370	6.2128	5.9845	14.2242	14.2448	14.2359	-0.0137	0.0061	7.6725	10.7190	-1.6388	9.4506	-12.2249	19.1103	0.1009	1.7334	0.0000	13.0703
34.1455	6.5719	14.2364	6.2363	5.9736	14.2416	14.2442	14.2365	-0.0161	0.0067	7.6233	10.6981	-1.6283	9.4444	-12.2249	19.4646	0.1005	1.7338	0.0000	13.7305
34.1258	6.5738	14.2370	6.2557	6.0939	14.2399	14.2460	14.2382	-0.0113	0.0044	7.4497	10.6954	-1.6197	9.4364	-12.2249	19.3229	0.1002	1.7333	0.0000	14.3906
34.1783	6.5825	14.2375	6.2110	5.7916	14.2381	14.2402	14.2388	-0.0137	0.0103	7.2419	10.6918	-1.6216	9.4410	-12.2249	19.2520	0.1002	1.7334	0.0000	15.0508
34.2068	6.5869	14.2364	6.2704	5.9356	14.2172	14.2425	14.2429	-0.0209	0.0014	8.1961	10.6999	-1.6331	9.4484	-12.2249	19.4646	0.1007	1.7335	0.0000	15.7109

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36.8681	6.9968	14.2391	6.4749	6.6163	14.2429	14.2344	14.2374	0.0004	-0.0057	7.4423	13.6018	-2.7658	11.4518	-12.2249	18.2609	0.1498	1.7431	0.0000	0.3789
37.0781	7.0223	14.2367	6.5243	6.6940	14.2220	14.2419	14.2409	0.0022	0.0063	7.1448	13.6099	-2.7553	11.4723	-12.2249	18.2609	0.1495	1.7445	0.0000	1.0391
37.1284	7.0291	14.2391	6.4914	6.7672	14.2272	14.2402	14.2427	-0.0027	0.0015	6.9237	13.6145	-2.7534	11.4797	-12.2249	18.3317	0.1495	1.7447	0.0000	1.6992
36.9556	7.0080	14.2391	6.4473	6.4154	14.2359	14.2419	14.2409	0.0034	0.0027	7.6564	13.6081	-2.7801	11.4546	-12.2249	18.2609	0.1502	1.7436	0.0000	2.3594
36.6953	6.9719	14.2385	6.4261	6.6831	14.2394	14.2407	14.2374	-0.0003	0.0003	9.1418	13.5917	-2.7734	11.4421	-12.2249	18.2609	0.1500	1.7424	0.0000	3.0195
36.4722	6.9346	14.2437	6.3991	6.6555	14.2411	14.2407	14.2421	0.0010	0.0063	9.1127	13.5536	-2.7725	11.4057	-12.2249	18.2609	0.1498	1.7419	0.0000	3.6797
36.2512	6.8954	14.2437	6.3644	6.7712	14.2446	14.2373	14.2462	-0.0027	0.0009	7.9580	13.5517	-2.7897	11.3989	-12.2249	18.1195	0.1503	1.7416	0.0000	4.3398
36.1222	6.8854	14.2425	6.3461	6.6370	14.2359	14.2356	14.2444	0.0130	0.0045	7.4663	13.5699	-2.7734	11.3728	-12.2249	18.2609	0.1499	1.7402	0.0000	4.9883
36.0347	6.8655	14.2419	6.3385	6.8754	14.2481	14.2407	14.2392	0.0155	0.0003	7.5685	13.5563	-2.7992	11.3785	-12.2249	18.1902	0.1506	1.7405	0.0000	5.6484
35.9603	6.8549	14.2425	6.3056	6.7539	14.2551	14.2402	14.2421	0.0094	0.0027	7.4486	13.5363	-2.7916	11.3819	-12.2249	18.2609	0.1502	1.7402	0.0000	6.3086
35.8750	6.8437	14.2402	6.3167	6.5599	14.2342	14.2442	14.2403	0.0124	-0.0003	7.0277	13.5263	-2.8249	11.3449	-12.2249	18.1195	0.1512	1.7397	0.0000	6.9688
35.8400	6.8338	14.2448	6.2997	6.5035	14.2411	14.2390	14.2398	0.0136	0.0051	6.8586	13.5154	-2.8211	11.3659	-12.2249	18.1902	0.1510	1.7400	0.0000	7.6289
35.8400	6.8350	14.2379	6.3115	6.4977	14.2411	14.2407	14.2362	0.0136	0.0015	6.6925	13.5135	-2.8049	11.3432	-12.2249	18.2609	0.1505	1.7399	0.0000	8.3398
35.8159	6.8331	14.2437	6.3138	6.4920	14.2359	14.2402	14.2386	0.0167	0.0039	6.5857	13.4999	-2.8068	11.3375	-12.2249	18.1902	0.1505	1.7396	0.0000	9.0000
35.8028	6.8257	14.2385	6.2997	6.7372	14.2394	14.2396	14.2386	0.0136	-0.0057	6.7153	13.4963	-2.8001	11.3222	-12.2249	18.1902	0.1503	1.7401	0.0000	9.6602
35.7109	6.8139	14.2391	6.2915	6.7084	14.2394	14.2396	14.2403	0.0155	0.0045	6.9626	13.4945	-2.7906	11.3244	-12.2249	18.1902	0.1500	1.7396	0.0000	10.3203
35.5884	6.7890	14.2396	6.2679	6.3687	14.2376	14.2396	14.2450	0.0136	-0.0015	6.7376	13.4835	-2.7973	11.2926	-12.2249	18.1902	0.1502	1.7397	0.0000	10.9766
35.4134	6.7728	14.2396	6.2615	6.2427	14.2324	14.2407	14.2427	0.0124	0.0021	6.6959	13.4808	-2.8201	11.2852	-12.2249	18.2609	0.1508	1.7380	0.0000	11.6367
35.2515	6.7485	14.2425	6.2162	6.5104	14.2429	14.2379	14.2386	0.0173	0.0057	6.8786	13.4563	-2.8192	11.2670	-12.2249	18.1902	0.1507	1.7374	0.0000	12.2969
35.1465	6.7336	14.2460	6.2180	6.2415	14.2481	14.2425	14.2421	0.0197	-0.0009	7.7261	13.4517	-2.8192	11.2773	-12.2249	18.2609	0.1507	1.7369	0.0000	12.9570
35.0481	6.7112	14.2362	6.1939	6.3509	14.2429	14.2448	14.2409	0.0124	0.0039	7.7729	13.4353	-2.8297	11.2596	-12.2249	18.1902	0.1509	1.7372	0.0000	13.6172
34.8578	6.6857	14.2356	6.1698	6.2870	14.2324	14.2384	14.2427	0.0149	-0.0015	7.7067	13.4317	-2.8135	11.2210	-12.2249	18.1902	0.1504	1.7361	0.0000	14.2773
34.6434	6.6552	14.2402	6.1374	6.2087	14.2429	14.2459	14.2374	0.0143	-0.0033	8.1510	13.4053	-2.8478	11.2176	-12.2249	18.1902	0.1513	1.7351	0.0000	14.9375
34.4225	6.6285	14.2402	6.0916	6.3716	14.2446	14.2413	14.2450	0.0136	-0.0033	7.8894	13.3953	-2.8335	11.1942	-12.2249	18.1195	0.1508	1.7335	0.0000	15.5898

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36.3392	6.9072	14.1950	7.1744	8.2360	14.2212	14.1989	14.1969	-0.0016	-0.0029	7.9682	14.2080	0.0023	6.7269	-23.3333	2.4805	0.0000	1.7421	0.0000	0.3789
36.4245	6.9159	14.2002	7.2091	7.5607	14.2055	14.1966	14.2039	-0.0004	0.0055	7.4194	14.2061	0.0023	6.7463	-23.3333	2.4805	0.0000	1.7428	0.0000	0.9883
36.3742	6.9022	14.1996	7.1567	7.1859	14.1881	14.2047	14.1998	0.0002	-0.0035	6.9917	14.2034	0.0023	6.7298	-23.3333	2.6875	0.0000	1.7432	0.0000	1.5391
36.3479	6.9003	14.1979	7.1979	7.9113	14.2090	14.2035	14.1969	0.0026	-0.0035	6.7627	14.1943	-0.0034	6.7252	-23.3333	2.4805	0.0000	1.7429	0.0000	2.1406
36.3129	6.8941	14.2036	7.1920	8.0144	14.1968	14.2030	14.2022	0.0014	0.0025	6.5834	14.1943	-0.0101	6.7133	-23.3333	2.4115	0.0000	1.7429	0.0000	2.6914
36.2517	6.8885	14.1973	7.1973	7.2377	14.2003	14.2024	14.1969	-0.0004	-0.0023	6.5720	14.1998	-0.0034	6.7184	-23.3333	2.6185	0.0000	1.7423	0.0000	3.2891
36.1926	6.8773	14.2013	7.1485	8.6235	14.1707	14.2018	14.1998	-0.0052	-0.0047	6.9809	14.1952	-0.0072	6.6968	-23.3333	2.2735	0.0000	1.7423	0.0000	3.8398
36.0745	6.8773	14.1961	7.1979	8.3650	14.1881	14.2001	14.2057	-0.0004	-0.0017	7.5805	14.1998	0.0061	6.6758	-23.3333	2.7565	0.0000	1.7401	0.0000	4.4492
35.9957	6.8506	14.1961	7.0903	7.9700	14.2072	14.2024	14.2034	0.0038	0.0043	8.0762	14.2016	0.0014	6.6752	-23.3333	2.5495	0.0000	1.7413	0.0000	5.0000
35.9170	6.8406	14.1979	7.1309	6.9844	14.1846	14.2001	14.2028	-0.0010	0.0031	7.7923	14.1952	-0.0025	6.6627	-23.3333	2.4805	0.0000	1.7408	0.0000	5.5508
35.7923	6.8207	14.2002	7.1221	7.7921	14.1933	14.2007	14.2004	0.0002	-0.0005	7.6176	14.2016	-0.0025	6.6217	-23.3333	2.6875	0.0000	1.7404	0.0000	6.1484
35.6545	6.8076	14.2013	7.0727	7.5423	14.1898	14.1989	14.2028	0.0002	0.0037	7.2830	14.1943	0.0061	6.5973	-23.3333	2.4115	0.0000	1.7391	0.0000	6.6992
35.5560	6.7790	14.2002	7.0744	7.3874	14.1968	14.1978	14.1981	-0.0022	-0.0029	7.3675	14.1998	-0.0025	6.5945	-23.3333	2.5495	0.0000	1.7401	0.0000	7.3008
35.4379	6.7771	14.1956	7.0098	7.5843	14.2037	14.2047	14.2004	0.0008	-0.0065	7.2989	14.1980	0.0014	6.5609	-23.3333	2.5495	0.0000	1.7381	0.0000	7.8516
35.3417	6.7579	14.1996	7.0497	6.5128	14.1985	14.2053	14.2022	0.0014	0.0025	7.0682	14.2007	-0.0044	6.5444	-23.3333	2.4805	0.0000	1.7382	0.0000	8.4609
35.2148	6.7392	14.2019	7.0121	7.1818	14.1968	14.2007	14.2045	-0.0016	-0.0089	6.8409	14.1916	-0.0053	6.5319	-23.3333	2.4805	0.0000	1.7376	0.0000	9.0078
35.1164	6.7162	14.2019	6.9874	7.3851	14.2020	14.2041	14.1981	0.0008	-0.0005	6.5503	14.2070	-0.0025	6.4967	-23.3333	2.4805	0.0000	1.7380	0.0000	9.6094
35.0048	6.6869	14.1990	7.0039	7.3402	14.2037	14.2047	14.1987	0.0044	0.0013	6.6234	14.2043	0.0042	6.5035	-23.3333	2.4805	0.0000	1.7388	0.0000	10.1602
34.8998	6.6788	14.1990	6.9368	6.9838	14.2142	14.1955	14.1998	-0.0010	0.0001	7.2081	14.2080	0.0023	6.4859	-23.3333	2.4805	0.0000	1.7376	0.0000	10.7109
34.8385	6.6683	14.1944	6.9145	6.3994	14.2159	14.2012	14.1998	0.0026	0.0025	7.8255	14.1980	-0.0015	6.4609	-23.3333	2.5495	0.0000	1.7375	0.0000	11.3086
34.7314	6.6558	14.1956	6.9357	7.1352	14.2107	14.2030	14.2016	0.0002	-0.0047	7.7164	14.1980	0.0004	6.4421	-23.3333	2.4805	0.0000	1.7367	0.0000	11.8594
34.6723	6.6440	14.2008	6.9080	6.6268	14.2037	14.2001	14.2045	-0.0028	0.0019	7.5491	14.1907	-0.0006	6.4279	-23.3333	2.4115	0.0000	1.7368	0.0000	12.4688
34.5345	6.6297	14.1967	6.8857	7.2089	14.2020	14.1955	14.1993	0.0008	-0.0029	6.9643	14.2098	0.0023	6.3869	-23.3333	2.4805	0.0000	1.7355	0.0000	13.0195
34.3792	6.5992	14.2002	6.9363	7.4605	14.1985	14.1989	14.1940	0.0014	-0.0029	6.9774	14.2007	0.0004	6.3767	-23.3333	2.4115	0.0000	1.7356	0.0000	13.6211

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37.1120	7.0614	14.2377	7.0766	6.8820	14.2410	14.2390	14.2414	-0.0014	0.0047	7.9378	9.8003	-0.4683	9.4539	-23.3333	20.6710	0.0501	1.7414	0.0000	0.3789
36.9633	7.0359	14.2389	7.0948	7.2493	14.2306	14.2390	14.2385	0.0004	-0.0019	7.4512	9.7948	-0.4741	9.4414	-23.3333	20.5999	0.0504	1.7412	0.0000	1.1016
36.7664	7.0017	14.2372	7.0689	6.8635	14.2445	14.2430	14.2420	-0.0008	-0.0007	7.0080	9.7858	-0.4712	9.4238	-23.3333	20.6710	0.0502	1.7408	0.0000	1.7617
36.5630	6.9793	14.2429	7.0401	6.4553	14.2393	14.2413	14.2402	0.0053	0.0047	6.7933	9.7621	-0.4779	9.3993	-23.3333	20.5289	0.0505	1.7393	0.0000	2.4180
36.3552	6.9494	14.2395	6.9637	6.5492	14.2463	14.2395	14.2349	0.0047	-0.0013	6.6671	9.7448	-0.4788	9.3817	-23.3333	20.6710	0.0505	1.7384	0.0000	3.0781
36.1692	6.9134	14.2418	6.9496	6.6217	14.2323	14.2355	14.2349	-0.0002	0.0023	6.6368	9.7239	-0.4836	9.3629	-23.3333	20.5999	0.0507	1.7384	0.0000	3.7383
35.9614	6.8742	14.2429	6.8984	6.5037	14.2410	14.2430	14.2420	0.0035	-0.0048	7.8332	9.6985	-0.4931	9.3379	-23.3333	20.4579	0.0512	1.7384	0.0000	4.3906
35.7536	6.8505	14.2383	6.8779	6.6125	14.2358	14.2430	14.2425	0.0029	-0.0031	7.8207	9.6775	-0.4865	9.3106	-23.3333	20.5999	0.0508	1.7368	0.0000	5.0508
35.5436	6.8225	14.2377	6.8585	6.8348	14.2358	14.2430	14.2390	-0.0002	0.0047	7.3964	9.6412	-0.4874	9.2742	-23.3333	20.6710	0.0507	1.7356	0.0000	5.7695
35.3380	6.8051	14.2401	6.8102	6.1571	14.2463	14.2413	14.2367	-0.0014	0.0053	7.1165	9.6103	-0.4903	9.2356	-23.3333	20.5999	0.0508	1.7335	0.0000	6.4297
35.1455	6.7678	14.2389	6.8079	6.4421	14.2619	14.2436	14.2367	-0.0002	0.0041	7.2096	9.5748	-0.4865	9.2071	-23.3333	20.5999	0.0505	1.7335	0.0000	7.0898
34.9617	6.7360	14.2418	6.7732	6.3494	14.2376	14.2413	14.2402	-0.0032	-0.0013	7.0355	9.5484	-0.4912	9.1764	-23.3333	20.2449	0.0507	1.7332	0.0000	7.7383
34.7824	6.7124	14.2372	6.7285	6.4145	14.2602	14.2401	14.2373	-0.0038	0.0059	6.8441	9.5166	-0.4798	9.1514	-23.3333	20.1739	0.0500	1.7321	0.0000	8.3984
34.7124	6.6962	14.2401	6.7609	6.3506	14.2463	14.2436	14.2414	0.0047	-0.0043	6.7796	9.5111	-0.4903	9.1509	-23.3333	20.5289	0.0505	1.7324	0.0000	9.0586
34.8808	6.7130	14.2360	6.7462	6.4559	14.2428	14.2378	14.2361	0.0011	0.0041	7.0440	9.5184	-0.4865	9.1565	-23.3333	20.3869	0.0504	1.7339	0.0000	9.7188
35.0536	6.7317	14.2401	6.7826	6.5296	14.2619	14.2441	14.2379	0.0041	0.0029	6.7796	9.5357	-0.4836	9.1742	-23.3333	20.7420	0.0502	1.7353	0.0000	10.3789
35.2111	6.7653	14.2389	6.8220	6.3264	14.2393	14.2344	14.2373	0.0029	-0.0031	6.6922	9.5593	-0.4798	9.1958	-23.3333	20.5999	0.0501	1.7350	0.0000	11.1016
35.3292	6.7771	14.2395	6.7985	6.5636	14.2567	14.2344	14.2420	0.0029	0.0017	6.6768	9.5539	-0.4788	9.2077	-23.3333	20.5289	0.0500	1.7361	0.0000	11.7500
35.3861	6.7815	14.2383	6.8202	6.6695	14.2341	14.2424	14.2385	0.0035	0.0029	6.9047	9.5803	-0.4788	9.2202	-23.3333	20.6710	0.0501	1.7367	0.0000	12.4102
35.3511	6.7765	14.2401	6.7838	6.6390	14.2201	14.2418	14.2414	0.0011	-0.0019	7.7893	9.5766	-0.4779	9.2168	-23.3333	20.5999	0.0500	1.7365	0.0000	13.0703
35.2855	6.7659	14.2401	6.8255	6.7294	14.2358	14.2424	14.2385	0.0017	0.0047	7.9669	9.5602	-0.4807	9.2043	-23.3333	20.6710	0.0502	1.7363	0.0000	13.7305
35.1674	6.7528	14.2372	6.7838	6.4525	14.2619	14.2401	14.2349	0.0017	-0.0013	7.6042	9.5530	-0.4922	9.1816	-23.3333	20.4579	0.0507	1.7354	0.0000	14.3906
35.0317	6.7298	14.2424	6.7661	6.6390	14.2532	14.2436	14.2425	0.0004	0.0011	7.0315	9.5384	-0.4788	9.1673	-23.3333	20.5999	0.0500	1.7351	0.0000	15.0508
34.8896	6.7074	14.2377	6.7620	6.7875	14.2376	14.2384	14.2437	0.0041	-0.0048	7.0869	9.5230	-0.4884	9.1548	-23.3333	20.5289	0.0505	1.7346	0.0000	15.7617

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37.3840	7.0923	14.2322	7.0662	6.4940	14.2449	14.2379	14.2418	-0.0009	0.0027	7.8391	14.1515	-1.2630	13.2147	-23.3333	20.5289	0.0999	1.7433	0.0000	0.3828
37.3555	7.0917	14.2391	7.0697	6.5107	14.2483	14.2396	14.2424	0.0045	-0.0062	7.4650	14.1615	-1.2792	13.2005	-23.3333	20.6710	0.1006	1.7429	0.0000	1.0430
37.2177	7.0693	14.2374	7.0321	6.3886	14.2466	14.2391	14.2383	0.0027	-0.0068	7.0373	14.1806	-1.2659	13.2477	-23.3333	20.5289	0.1001	1.7426	0.0000	1.7031
37.0493	7.0494	14.2339	7.0168	6.3552	14.2449	14.2385	14.2412	-0.0003	-0.0027	6.9105	14.2006	-1.2745	13.2352	-23.3333	20.7420	0.1005	1.7414	0.0000	2.3633
36.8021	7.0121	14.2397	6.9839	6.4024	14.2362	14.2431	14.2407	0.0075	0.0003	8.0412	14.1906	-1.2840	13.2215	-23.3333	20.6710	0.1009	1.7405	0.0000	3.0234
36.5418	6.9741	14.2379	6.9686	6.3742	14.2257	14.2396	14.2383	0.0027	-0.0015	8.0018	14.1851	-1.2802	13.2272	-23.3333	20.5999	0.1007	1.7394	0.0000	3.6836
36.3143	6.9480	14.2414	6.9186	6.4456	14.2449	14.2419	14.2430	0.0063	-0.0009	8.2103	14.1915	-1.2869	13.2591	-23.3333	20.3869	0.1010	1.7378	0.0000	4.3398
36.0846	6.9019	14.2403	6.8869	6.2435	14.2344	14.2391	14.2407	0.0015	0.0003	7.5775	14.2042	-1.2821	13.2426	-23.3333	20.3869	0.1009	1.7380	0.0000	5.0508
35.8724	6.8702	14.2420	6.8581	6.1831	14.2205	14.2356	14.2377	-0.0009	0.0045	7.4325	14.1888	-1.2964	13.2164	-23.3333	20.7420	0.1014	1.7371	0.0000	5.7109
35.6384	6.8379	14.2362	6.8334	6.2717	14.2396	14.2385	14.2430	0.0015	0.0015	7.1966	14.1624	-1.2697	13.1954	-23.3333	20.3869	0.1002	1.7359	0.0000	6.3711
35.4371	6.8111	14.2391	6.8105	6.5924	14.2553	14.2385	14.2348	-0.0003	-0.0009	7.3982	14.1342	-1.2773	13.1817	-23.3333	20.3869	0.1004	1.7348	0.0000	7.0313
35.2359	6.7769	14.2385	6.7652	6.1220	14.2414	14.2442	14.2418	-0.0003	-0.0080	7.0875	14.0888	-1.2792	13.1414	-23.3333	20.3869	0.1004	1.7343	0.0000	7.6914
35.1309	6.7476	14.2351	6.7528	6.1007	14.2414	14.2408	14.2412	0.0021	-0.0027	6.8483	14.1051	-1.2764	13.1402	-23.3333	20.3869	0.1003	1.7352	0.0000	8.3516
35.1724	6.7588	14.2391	6.7734	6.0570	14.2431	14.2419	14.2389	0.0009	-0.0021	6.8945	14.1197	-1.2716	13.1561	-23.3333	20.2449	0.1002	1.7349	0.0000	9.0117
35.2468	6.7595	14.2374	6.7740	6.0840	14.2449	14.2391	14.2448	-0.0033	0.0009	6.9265	14.1369	-1.2640	13.1687	-23.3333	20.1030	0.0999	1.7362	0.0000	9.6719
35.1637	6.7501	14.2379	6.7458	6.2182	14.2640	14.2374	14.2430	0.0003	-0.0021	6.8289	14.1479	-1.2821	13.1766	-23.3333	20.1739	0.1007	1.7356	0.0000	10.3828
35.0652	6.7296	14.2408	6.7364	6.2136	14.2449	14.2396	14.2448	0.0051	-0.0062	6.6455	14.1469	-1.2964	13.1652	-23.3333	20.1739	0.1013	1.7357	0.0000	11.0430
34.8924	6.6985	14.2339	6.7034	6.1883	14.2518	14.2322	14.2395	0.0009	0.0003	6.6712	14.1269	-1.2830	13.1783	-23.3333	20.1030	0.1007	1.7355	0.0000	11.7031
34.7634	6.6736	14.2391	6.6882	5.9977	14.2466	14.2437	14.2407	-0.0021	-0.0032	6.9276	14.1033	-1.2859	13.1385	-23.3333	20.2449	0.1007	1.7356	0.0000	12.3633
34.6146	6.6587	14.2408	6.6664	6.0253	14.2205	14.2351	14.2412	-0.0009	0.0003	7.8305	14.1269	-1.2888	13.1419	-23.3333	20.1739	0.1009	1.7342	0.0000	13.0234
34.4221	6.6214	14.2368	6.6311	5.8186	14.2483	14.2437	14.2436	0.0003	-0.0062	7.6603	14.1188	-1.2821	13.1522	-23.3333	20.2449	0.1006	1.7342	0.0000	13.6836
34.1793	6.5834	14.2356	6.5812	5.8037	14.2240	14.2391	14.2412	-0.0027	-0.0056	7.3291	14.1206	-1.2773	13.1414	-23.3333	20.4579	0.1004	1.7334	0.0000	14.3398
33.9212	6.5436	14.2351	6.5306	5.7789	14.2571	14.2374	14.2424	0.0027	-0.0062	7.0887	14.1251	-1.2945	13.1408	-23.3333	20.1030	0.1011	1.7324	0.0000	14.9922
33.7484	6.5212	14.2408	6.5288	5.8376	14.2431	14.2374	14.2401	0.0045	-0.0027	7.9373	14.1124	-1.3002	13.1323	-23.3333	20.1739	0.1013	1.7312	0.0000	15.7109

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36.6708	6.9559	14.1910	6.7634	6.4643	14.1827	14.1878	14.1901	0.0122	-0.0054	7.4557	18.4698	-2.1743	16.8237	-23.3333	19.6064	0.1509	1.7435	0.0000	0.3789
36.8196	6.9745	14.1921	6.8228	6.5616	14.1793	14.1907	14.1913	0.0152	0.0012	7.1952	18.4816	-2.1743	16.8265	-23.3333	19.6773	0.1510	1.7444	0.0000	1.0391
36.7233	6.9596	14.1904	6.7693	6.4666	14.2106	14.1907	14.1883	0.0128	-0.0012	6.9069	18.4889	-2.1820	16.8237	-23.3333	19.8192	0.1513	1.7440	0.0000	1.6992
36.5133	6.9229	14.1898	6.7457	6.4384	14.1932	14.1895	14.1942	0.0158	-0.0012	6.8732	18.4916	-2.1601	16.8288	-23.3333	19.6773	0.1505	1.7438	0.0000	2.3594
36.3077	6.8955	14.1869	6.7116	6.2466	14.1862	14.1844	14.1889	0.0152	0.0030	8.6281	18.5016	-2.1810	16.8362	-23.3333	19.6064	0.1513	1.7426	0.0000	3.0195
36.0649	6.8563	14.1950	6.6240	6.2541	14.1740	14.1832	14.1913	0.0170	-0.0018	8.5807	18.4416	-2.1715	16.7930	-23.3333	19.5355	0.1507	1.7420	0.0000	3.6797
35.7630	6.8122	14.1858	6.6405	6.2731	14.1845	14.1838	14.1948	0.0128	-0.0030	7.8337	18.4280	-2.1753	16.7685	-23.3333	19.4646	0.1508	1.7407	0.0000	4.3281
35.4896	6.7661	14.1869	6.5206	6.3226	14.1949	14.1861	14.1901	0.0140	-0.0036	7.3769	18.4152	-2.1686	16.7737	-23.3333	19.6064	0.1505	1.7401	0.0000	4.9375
35.2205	6.7238	14.1898	6.5664	6.1620	14.1671	14.1855	14.1866	0.0134	0.0024	7.2838	18.4343	-2.1791	16.7788	-23.3333	19.6773	0.1510	1.7392	0.0000	5.5977
34.9580	6.6803	14.1852	6.4694	6.2587	14.1862	14.1901	14.1930	0.0116	-0.0042	7.2963	18.4225	-2.1620	16.7731	-23.3333	19.7483	0.1503	1.7386	0.0000	6.2578
34.7393	6.6504	14.1915	6.4341	6.1413	14.1810	14.1861	14.1889	0.0122	0.0024	7.1296	18.4125	-2.1629	16.7708	-23.3333	19.5355	0.1503	1.7374	0.0000	6.9180
34.5074	6.6255	14.1892	6.4294	6.2766	14.1827	14.1895	14.1854	0.0140	-0.0066	6.8138	18.4143	-2.1772	16.7475	-23.3333	19.6773	0.1508	1.7354	0.0000	7.5781
34.3149	6.5913	14.1904	6.3330	6.1177	14.1845	14.1867	14.1872	0.0164	0.0024	6.6841	18.4116	-2.1305	16.7447	-23.3333	19.4646	0.1491	1.7352	0.0000	8.2305
34.0940	6.5577	14.1869	6.2877	5.9887	14.1758	14.1895	14.1965	0.0182	-0.0012	6.5082	18.3998	-2.1648	16.7464	-23.3333	19.5355	0.1503	1.7343	0.0000	8.8906
33.9037	6.5266	14.1840	6.2607	6.0492	14.1880	14.1867	14.1913	0.0092	-0.0048	6.6225	18.3943	-2.1753	16.7521	-23.3333	19.4646	0.1507	1.7337	0.0000	9.5508
33.7309	6.5023	14.1910	6.2366	6.0146	14.1862	14.1890	14.1918	0.0146	-0.0060	6.6030	18.4052	-2.1677	16.7424	-23.3333	19.8901	0.1504	1.7328	0.0000	10.2109
33.7680	6.5036	14.1846	6.2742	5.8189	14.1793	14.1873	14.1854	0.0116	-0.0012	6.4055	18.3898	-2.1648	16.7509	-23.3333	19.4646	0.1503	1.7334	0.0000	10.8203
33.8752	6.5291	14.1904	6.2836	6.0025	14.1758	14.1873	14.1930	0.0128	0.0078	6.4843	18.3761	-2.1705	16.7316	-23.3333	19.4646	0.1504	1.7329	0.0000	11.4805
34.0152	6.5422	14.1892	6.3236	5.9812	14.1862	14.1838	14.1889	0.0110	-0.0060	6.7544	18.3752	-2.1620	16.7293	-23.3333	19.4646	0.1501	1.7343	0.0000	12.1289
34.2296	6.5782	14.1938	6.3283	6.0376	14.1845	14.1913	14.1918	0.0140	0.0012	7.7104	18.3807	-2.1572	16.7435	-23.3333	19.4646	0.1499	1.7348	0.0000	12.7891
34.4177	6.5969	14.1881	6.3495	5.9403	14.1949	14.1913	14.1872	0.0170	-0.0036	7.5122	18.3834	-2.1743	16.7236	-23.3333	19.5355	0.1506	1.7366	0.0000	13.4492
34.5774	6.6143	14.1869	6.4294	6.1315	14.1984	14.1913	14.1907	0.0158	-0.0024	7.4659	18.3925	-2.1667	16.7412	-23.3333	19.3938	0.1503	1.7379	0.0000	14.1094
34.6124	6.6205	14.1892	6.3653	5.7584	14.1775	14.1867	14.1930	0.0176	0.0042	7.8029	18.3861	-2.1686	16.7339	-23.3333	19.5355	0.1504	1.7379	0.0000	14.7695
34.5030	6.6106	14.1811	6.4253	6.0918	14.1862	14.1867	14.1901	0.0098	-0.0060	8.0045	18.3971	-2.1677	16.7481	-23.3333	19.5355	0.1504	1.7369	0.0000	15.3672

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37.7783	7.1374	14.1556	7.2997	7.7772	14.1407	14.1503	14.1562	0.0029	-0.0009	8.3727	14.1452	0.0023	9.2576	-18.2121	2.4805	0.0000	1.7461	0.0000	0.3906
38.0364	7.1741	14.1521	7.3314	8.6506	14.1424	14.1508	14.1486	0.0023	-0.0015	7.7576	14.1525	0.0032	9.2764	-17.7669	2.4805	0.0000	1.7472	0.0000	0.9922
38.1261	7.1816	14.1567	7.3979	7.8342	14.1477	14.1480	14.1480	0.0096	-0.0003	7.3664	14.1479	0.0004	9.2826	-17.8721	2.4805	0.0000	1.7481	0.0000	1.5391
38.1130	7.1760	14.1504	7.3191	8.4002	14.1407	14.1474	14.1492	-0.0049	-0.0021	7.1386	14.1479	-0.0034	9.2730	-17.8821	2.6185	0.0000	1.7483	0.0000	2.0898
38.0364	7.1698	14.1556	7.3373	7.5509	14.1424	14.1508	14.1503	-0.0013	-0.0045	6.9501	14.1588	0.0013	9.2622	-18.1729	2.4805	0.0000	1.7476	0.0000	2.6914
37.8330	7.1455	14.1538	7.3597	7.0218	14.1581	14.1526	14.1498	0.0035	-0.0105	7.3402	14.1579	-0.0006	9.2446	-17.9460	2.4805	0.0000	1.7463	0.0000	3.2422
37.7280	7.1213	14.1492	7.2044	9.0600	14.1355	14.1485	14.1585	0.0011	0.0015	7.4264	14.1434	-0.0063	9.2286	-18.0852	2.4805	0.0000	1.7467	0.0000	3.8516
37.6055	7.0995	14.1527	7.2656	6.7506	14.1494	14.1457	14.1503	0.0053	0.0003	8.1848	14.1461	-0.0025	9.2082	-18.0222	2.8256	0.0000	1.7466	0.0000	4.4023
37.4786	7.0870	14.1544	7.2909	8.4497	14.1459	14.1514	14.1533	-0.0013	0.0050	8.3681	14.1488	-0.0006	9.1928	-17.9918	2.5495	0.0000	1.7455	0.0000	5.0000
37.4021	7.0634	14.1550	7.1374	7.2118	14.1407	14.1520	14.1515	-0.0001	0.0050	7.9684	14.1561	0.0042	9.1917	-18.1452	2.4805	0.0000	1.7464	0.0000	5.6016
37.3583	7.0646	14.1538	7.2309	6.7207	14.1442	14.1503	14.1515	0.0023	0.0056	7.9438	14.1543	0.0013	9.1928	-18.0536	2.4805	0.0000	1.7455	0.0000	6.1523
37.4174	7.0777	14.1532	7.2867	8.3449	14.1337	14.1491	14.1486	0.0005	0.0128	7.5960	14.1497	-0.0015	9.2082	-18.1069	2.4805	0.0000	1.7453	0.0000	6.7617
37.4874	7.0771	14.1544	7.2521	6.7339	14.1494	14.1491	14.1462	-0.0007	0.0080	7.6594	14.1543	-0.0006	9.2076	-18.0355	2.4805	0.0000	1.7466	0.0000	7.3125
37.4939	7.0758	14.1498	7.2897	9.1763	14.1494	14.1485	14.1492	0.0023	-0.0051	7.7913	14.1543	-0.0006	9.2019	-18.1473	2.4805	0.0000	1.7468	0.0000	7.9102
37.3911	7.0640	14.1556	7.2103	7.8739	14.1442	14.1520	14.1527	0.0011	0.0050	7.5338	14.1488	-0.0034	9.1894	-18.3752	2.5495	0.0000	1.7461	0.0000	8.4609
37.2774	7.0522	14.1515	7.2138	7.4007	14.1372	14.1520	14.1480	0.0066	0.0056	7.3128	14.1570	0.0023	9.1655	-18.1259	2.4805	0.0000	1.7452	0.0000	9.0625
37.1746	7.0279	14.1509	7.2462	6.5912	14.1616	14.1508	14.1509	0.0017	0.0062	7.0489	14.1516	0.0004	9.1650	-17.9827	2.4805	0.0000	1.7457	0.0000	9.6094
37.0214	7.0055	14.1509	7.1539	7.0840	14.1477	14.1491	14.1480	-0.0079	0.0068	7.0449	14.1479	-0.0006	9.1388	-18.1407	2.4805	0.0000	1.7450	0.0000	10.2227
36.8618	6.9807	14.1486	7.1156	8.3777	14.1390	14.1497	14.1498	0.0011	-0.0099	7.5852	14.1534	-0.0006	9.1183	-18.0888	2.5495	0.0000	1.7445	0.0000	10.7695
36.7174	6.9614	14.1509	7.1303	7.2469	14.1564	14.1462	14.1492	0.0017	0.0050	8.1625	14.1479	0.0042	9.1064	-18.1666	2.6185	0.0000	1.7438	0.0000	11.3711
36.5599	6.9352	14.1521	7.1080	8.3443	14.1494	14.1531	14.1521	-0.0019	0.0044	8.1796	14.1434	-0.0006	9.0814	-18.1663	2.3425	0.0000	1.7434	0.0000	11.9219
36.3849	6.9141	14.1521	7.1374	7.0414	14.1355	14.1503	14.1474	0.0011	-0.0009	8.0158	14.1452	-0.0111	9.0666	-18.1024	2.4805	0.0000	1.7423	0.0000	12.5195
36.2164	6.8892	14.1521	7.0210	5.7592	14.1442	14.1462	14.1521	0.0005	0.0015	7.4110	14.1470	-0.0025	9.0422	-18.0967	2.4805	0.0000	1.7416	0.0000	13.0703
36.0983	6.8718	14.1492	7.0474	6.6309	14.1529	14.1485	14.1498	0.0005	0.0027	7.3944	14.1479	-0.0006	9.0291	-18.1648	2.4805	0.0000	1.7411	0.0000	13.6797

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38.6522	7.2916	14.1444	7.3073	7.2349	14.1493	14.1524	14.1534	0.0034	0.0052	13.9616	14.5004	-0.3236	14.2544	-23.3333	19.7483	0.0502	1.7471	0.0000	0.3906
38.9125	7.3264	14.1438	7.3584	6.5883	14.1598	14.1496	14.1529	0.0052	-0.0002	13.9976	14.5013	-0.3150	14.2630	-23.3333	19.4646	0.0496	1.7484	0.0000	1.0508
38.9563	7.3420	14.1484	7.3608	6.7276	14.1545	14.1490	14.1540	0.0058	0.0058	13.9993	14.5068	-0.3188	14.2687	-23.3333	19.8901	0.0499	1.7477	0.0000	1.7070
38.8841	7.3264	14.1455	7.3473	7.8354	14.1423	14.1530	14.1534	0.0028	-0.0044	14.0124	14.4986	-0.3160	14.2596	-23.3333	19.8192	0.0496	1.7479	0.0000	2.3594
38.7507	7.3065	14.1490	7.3255	7.0869	14.1667	14.1478	14.1499	0.0046	-0.0002	14.0107	14.5122	-0.3122	14.2579	-23.3333	19.8901	0.0494	1.7474	0.0000	3.0195
38.6304	7.2810	14.1478	7.3126	7.3610	14.1493	14.1507	14.1488	0.0028	0.0040	14.0187	14.5068	-0.3150	14.2618	-23.3333	19.8901	0.0496	1.7477	0.0000	3.6289
38.4532	7.2536	14.1467	7.2791	7.4963	14.1528	14.1461	14.1505	0.0004	0.0082	14.0164	14.5104	-0.3217	14.2550	-23.3333	19.9611	0.0501	1.7471	0.0000	4.2891
38.3066	7.2343	14.1392	7.2655	7.1422	14.1371	14.1478	14.1534	0.0004	-0.0008	14.0473	14.4904	-0.3179	14.2613	-23.3333	19.5355	0.0498	1.7463	0.0000	4.9492
38.1229	7.2020	14.1553	7.2261	6.8244	14.1441	14.1507	14.1505	0.0010	-0.0026	14.0307	14.4968	-0.3255	14.2579	-23.3333	19.8901	0.0504	1.7461	0.0000	5.5977
37.9150	7.1628	14.1392	7.2103	7.1738	14.1458	14.1501	14.1517	0.0028	0.0022	14.0507	14.5086	-0.3207	14.2618	-23.3333	19.9611	0.0500	1.7461	0.0000	6.2578
37.7204	7.1398	14.1478	7.1744	6.8267	14.1528	14.1473	14.1546	0.0040	-0.0098	14.0330	14.5068	-0.3169	14.2527	-23.3333	20.0320	0.0497	1.7449	0.0000	6.9180
37.5694	7.1025	14.1513	7.1779	7.3299	14.1493	14.1507	14.1458	0.0040	-0.0080	14.0353	14.4977	-0.3188	14.2641	-23.3333	19.8901	0.0499	1.7457	0.0000	7.5273
37.3901	7.0825	14.1461	7.1209	6.8313	14.1719	14.1519	14.1494	0.0082	-0.0050	14.0250	14.5150	-0.3169	14.2613	-23.3333	19.8192	0.0497	1.7444	0.0000	8.1875
37.2588	7.0601	14.1484	7.0797	6.7702	14.1336	14.1530	14.1523	0.0070	-0.0002	14.0301	14.5022	-0.3207	14.2698	-23.3333	19.8901	0.0500	1.7441	0.0000	8.8477
37.0838	7.0328	14.1386	7.0850	6.7167	14.1493	14.1513	14.1546	0.0070	0.0010	14.0290	14.5086	-0.3236	14.2584	-23.3333	19.8901	0.0503	1.7436	0.0000	9.5000
36.9329	7.0060	14.1507	7.0768	6.7806	14.1476	14.1501	14.1488	0.0064	-0.0050	14.0364	14.5050	-0.3226	14.2556	-23.3333	19.8901	0.0502	1.7434	0.0000	10.1602
36.7863	6.9836	14.1571	7.0321	6.6332	14.1563	14.1490	14.1511	0.0052	-0.0014	14.0496	14.4995	-0.3293	14.2590	-23.3333	19.6773	0.0507	1.7429	0.0000	10.8203
36.6332	6.9569	14.1478	7.0056	6.4547	14.1580	14.1432	14.1511	0.0022	-0.0020	14.0244	14.5104	-0.3265	14.2607	-23.3333	20.0320	0.0505	1.7427	0.0000	11.4297
36.3947	6.9295	14.1553	6.9374	6.8992	14.1510	14.1519	14.1534	0.0088	0.0004	14.0353	14.5068	-0.3198	14.2562	-23.3333	19.7483	0.0500	1.7410	0.0000	12.0898
36.2657	6.9102	14.1467	6.9474	6.3620	14.1476	14.1490	14.1529	0.0070	-0.0008	14.0747	14.4904	-0.3284	14.2562	-23.3333	19.7483	0.0506	1.7405	0.0000	12.7500
36.0907	6.8704	14.1426	6.9204	6.6977	14.1598	14.1432	14.1546	0.0052	-0.0038	14.0541	14.5140	-0.3265	14.2562	-23.3333	20.0320	0.0505	1.7411	0.0000	13.3984
35.8785	6.8517	14.1438	6.8916	6.5129	14.1563	14.1519	14.1523	0.0058	0.0052	14.0398	14.5031	-0.3293	14.2664	-23.3333	19.8192	0.0507	1.7390	0.0000	14.0586
35.7341	6.8262	14.1438	6.8775	6.5906	14.1371	14.1524	14.1511	0.0064	-0.0014	14.0678	14.5159	-0.3265	14.2618	-23.3333	19.6773	0.0505	1.7388	0.0000	14.7188
35.5985	6.8088	14.1415	6.8216	6.5469	14.1476	14.1513	14.1534	0.0100	-0.0008	14.0410	14.5086	-0.3255	14.2675	-23.3333	20.1739	0.0504	1.7380	0.0000	15.3281

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37.7828	7.2529	14.1523	7.1253	7.0780	14.1585	14.1441	14.1472	0.0042	0.0015	13.9714	19.7382	-0.8926	19.0717	-23.3333	19.5355	0.0979	1.7356	0.0000	0.3789
37.5378	7.1919	14.1443	7.1641	6.6968	14.1515	14.1510	14.1472	0.0042	0.0009	13.9857	19.9646	-0.9278	19.2809	-23.3333	19.8192	0.1004	1.7369	0.0000	1.0391
37.2797	7.1322	14.1546	7.0729	6.6738	14.1585	14.1504	14.1501	0.0036	-0.0033	13.9874	20.1337	-0.9231	19.4179	-23.3333	19.9611	0.1005	1.7378	0.0000	1.6992
37.1485	7.1011	14.1466	7.0847	6.7314	14.1655	14.1492	14.1524	0.0030	0.0027	13.9914	20.2347	-0.9374	19.5203	-23.3333	19.4646	0.1016	1.7384	0.0000	2.3594
37.3300	7.1048	14.1494	7.0894	6.7031	14.1533	14.1475	14.1530	0.0036	-0.0015	14.0022	20.2847	-0.9383	19.5686	-23.3333	19.7483	0.1018	1.7412	0.0000	3.0195
37.5335	7.1085	14.1506	7.1576	6.7452	14.1567	14.1487	14.1454	0.0042	0.0045	14.0085	20.3265	-0.9450	19.6271	-23.3333	19.4646	0.1022	1.7445	0.0000	3.6797
37.5641	7.1241	14.1448	7.1188	6.5391	14.1463	14.1429	14.1513	0.0079	0.0033	14.0102	20.3547	-0.9488	19.6323	-23.3333	19.4646	0.1025	1.7436	0.0000	4.3281
37.4569	7.1496	14.1529	7.1088	6.6841	14.1550	14.1458	14.1542	0.0091	-0.0009	14.0199	20.4002	-0.9450	19.6743	-23.3333	19.5355	0.1024	1.7393	0.0000	4.9414
37.3388	7.1552	14.1460	7.1206	6.9104	14.1550	14.1492	14.1454	0.0048	-0.0021	13.9954	20.4229	-0.9450	19.6982	-23.3333	19.7483	0.1025	1.7367	0.0000	5.6016
37.1616	7.1204	14.1489	7.0759	6.5874	14.1672	14.1475	14.1501	0.0030	-0.0003	14.0125	20.4565	-0.9602	19.7346	-23.3333	19.5355	0.1034	1.7368	0.0000	6.2578
36.9932	7.0706	14.1443	7.0388	6.5604	14.1585	14.1533	14.1489	0.0048	-0.0033	13.9994	20.4720	-0.9440	19.7647	-23.3333	19.3938	0.1025	1.7384	0.0000	6.9180
36.7810	7.0432	14.1518	7.0212	6.4199	14.1428	14.1515	14.1507	0.0097	-0.0075	14.0159	20.4838	-0.9574	19.7835	-23.3333	19.4646	0.1033	1.7372	0.0000	7.5781
36.6454	7.0171	14.1512	6.9771	6.4158	14.1463	14.1544	14.1501	0.0030	0.0033	14.0342	20.5202	-0.9631	19.7949	-23.3333	19.4646	0.1037	1.7372	0.0000	8.2305
36.4900	6.9947	14.1471	6.9677	6.3445	14.1655	14.1464	14.1501	0.0073	-0.0009	14.0268	20.5320	-0.9631	19.8079	-23.3333	19.4646	0.1037	1.7365	0.0000	8.8906
36.3194	6.9710	14.1471	6.9265	6.4717	14.1341	14.1510	14.1513	0.0073	0.0033	14.0051	20.5393	-0.9802	19.8466	-23.3333	19.3938	0.1047	1.7357	0.0000	9.5508
36.1335	6.9630	14.1408	6.9354	6.5362	14.1498	14.1418	14.1524	0.0109	0.0033	14.0251	20.5784	-0.9574	19.8637	-23.3333	19.3938	0.1035	1.7331	0.0000	10.2109
35.9497	6.9337	14.1512	6.8842	6.3399	14.1393	14.1475	14.1466	0.0036	0.0051	14.0096	20.5711	-0.9545	19.8148	-23.3333	19.6064	0.1034	1.7325	0.0000	10.8711
35.8010	6.9076	14.1414	6.8654	6.4803	14.1411	14.1464	14.1489	0.0061	-0.0057	14.0205	20.5193	-0.9536	19.7988	-23.3333	19.3229	0.1032	1.7322	0.0000	11.5313
35.6150	6.8839	14.1512	6.8348	6.2356	14.1515	14.1504	14.1466	0.0036	-0.0003	14.0348	20.4911	-0.9469	19.7647	-23.3333	19.5355	0.1027	1.7310	0.0000	12.1914
35.4379	6.8628	14.1425	6.8454	6.3767	14.1567	14.1492	14.1507	0.0024	0.0003	14.0439	20.4502	-0.9555	19.7136	-23.3333	19.3229	0.1031	1.7298	0.0000	12.8516
35.3569	6.8348	14.1391	6.8084	6.1429	14.1567	14.1458	14.1501	0.0024	0.0027	14.0616	20.4356	-0.9469	19.7039	-23.3333	19.3229	0.1026	1.7310	0.0000	13.5078
35.2826	6.8279	14.1373	6.7725	6.3709	14.1550	14.1515	14.1484	0.0097	0.0075	14.0548	20.3965	-0.9516	19.6863	-23.3333	19.6064	0.1028	1.7302	0.0000	14.1680
35.2016	6.8118	14.1546	6.7754	6.2575	14.1602	14.1578	14.1472	0.0103	0.0081	14.0445	20.3565	-0.9526	19.6357	-23.3333	19.6064	0.1027	1.7303	0.0000	14.8281
35.1382	6.8068	14.1506	6.7648	6.4861	14.1515	14.1487	14.1548	0.0055	-0.0015	14.0730	20.2292	-0.9450	19.5333	-23.3333	19.3938	0.1020	1.7296	0.0000	15.4805

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34.5431	6.6202	14.2076	6.8711	7.8840	14.2141	14.2122	14.2098	-0.0002	0.0037	7.6610	17.1284	-0.2767	16.9048	-23.3333	18.7563	0.0504	1.7367	0.0000	0.3906
34.6153	6.6326	14.2145	6.8235	8.5882	14.2158	14.2088	14.2068	0.0022	0.0097	7.1145	17.1366	-0.2900	16.9213	-23.3333	18.8271	0.0516	1.7368	0.0000	1.0508
34.5716	6.6239	14.2111	6.7841	7.3601	14.2141	14.2117	14.2138	-0.0002	0.0013	6.6542	17.1356	-0.2881	16.9162	-23.3333	18.8271	0.0515	1.7368	0.0000	1.6992
34.4819	6.6096	14.2116	6.8029	5.4429	14.2211	14.2099	14.2068	0.0016	-0.0011	6.4646	17.1447	-0.2824	16.9236	-23.3333	18.8271	0.0510	1.7365	0.0000	2.3594
34.3506	6.5915	14.2059	6.7664	7.4977	14.2158	14.2105	14.2092	0.0040	0.0037	6.2464	17.1338	-0.2843	16.9026	-23.3333	18.8271	0.0511	1.7358	0.0000	3.0195
34.1975	6.5667	14.2099	6.7541	8.0349	14.2211	14.2094	14.2121	0.0040	0.0013	6.2384	17.1420	-0.2910	16.9151	-23.3333	18.8979	0.0517	1.7354	0.0000	3.6797
34.0203	6.5399	14.2099	6.7318	7.6693	14.2176	14.2065	14.2086	0.0028	0.0079	6.7627	17.1529	-0.2834	16.9304	-23.3333	18.9687	0.0510	1.7347	0.0000	4.3398
33.8716	6.5132	14.2065	6.7000	6.0917	14.2228	14.2099	14.2098	0.0022	0.0031	7.4034	17.1502	-0.2815	16.9401	-23.3333	18.8271	0.0509	1.7345	0.0000	4.9492
33.7010	6.4964	14.2047	6.6924	7.4568	14.2054	14.2163	14.2115	0.0010	-0.0017	7.3829	17.1584	-0.2881	16.9469	-23.3333	18.6147	0.0515	1.7328	0.0000	5.6016
33.6025	6.4802	14.2070	6.6530	5.7670	14.2158	14.2099	14.2086	0.0028	0.0097	7.0688	17.1529	-0.2881	16.9287	-23.3333	18.8979	0.0515	1.7326	0.0000	6.2617
33.6375	6.4852	14.2047	6.7059	6.2397	14.2211	14.2088	14.2150	0.0034	-0.0011	7.1190	17.1457	-0.2891	16.9316	-23.3333	18.8271	0.0516	1.7327	0.0000	6.9219
33.7294	6.4976	14.2053	6.6830	5.8096	14.2211	14.2088	14.2133	0.0016	0.0067	6.8158	17.1584	-0.2919	16.9316	-23.3333	18.8271	0.0518	1.7333	0.0000	7.5820
33.7534	6.5051	14.2082	6.6882	5.3847	14.2089	14.2077	14.2115	0.0004	0.0055	6.8329	17.1311	-0.2958	16.9043	-23.3333	18.8271	0.0521	1.7330	0.0000	8.2422
33.7097	6.4988	14.2151	6.6800	7.2156	14.2036	14.2134	14.2115	0.0046	0.0073	6.9386	17.1284	-0.2939	16.8991	-23.3333	18.8271	0.0520	1.7328	0.0000	8.8984
33.5894	6.4783	14.2111	6.6700	6.8235	14.2158	14.2094	14.2080	0.0052	0.0055	6.7901	17.1102	-0.2881	16.8974	-23.3333	18.7563	0.0514	1.7325	0.0000	9.5586
33.4472	6.4609	14.2070	6.6165	6.7487	14.2158	14.2059	14.2121	-0.0008	0.0025	6.5217	17.0811	-0.2910	16.8582	-23.3333	18.8979	0.0516	1.7315	0.0000	10.2188
33.2744	6.4366	14.2088	6.6300	5.2604	14.2036	14.2094	14.2121	-0.0008	0.0001	6.3075	17.0675	-0.2834	16.8531	-23.3333	18.8271	0.0509	1.7305	0.0000	10.8789
33.1169	6.4099	14.2122	6.5936	6.5270	14.2036	14.2077	14.2103	-0.0027	0.0043	6.3144	17.0911	-0.2939	16.8667	-23.3333	18.8271	0.0519	1.7301	0.0000	11.5391
32.9550	6.3825	14.2082	6.5571	8.0280	14.2001	14.2134	14.2103	0.0034	0.0091	6.7895	17.1111	-0.2843	16.8719	-23.3333	18.8271	0.0511	1.7297	0.0000	12.1992
32.7472	6.3520	14.2099	6.5095	5.7089	14.2158	14.2054	14.2121	0.0016	0.0079	7.3812	17.0793	-0.2891	16.8673	-23.3333	18.8271	0.0515	1.7287	0.0000	12.8516
32.5831	6.3296	14.2145	6.4878	7.2248	14.2054	14.2117	14.2103	0.0028	0.0019	7.3029	17.0893	-0.2777	16.8673	-23.3333	18.8271	0.0504	1.7277	0.0000	13.5117
32.4169	6.3060	14.2099	6.4895	6.5057	14.1914	14.2140	14.2103	0.0058	-0.0029	7.0962	17.0820	-0.2891	16.8611	-23.3333	18.7563	0.0515	1.7268	0.0000	14.1719
32.2594	6.2817	14.2105	6.4689	6.4268	14.2141	14.2128	14.2080	0.0004	0.0019	6.5543	17.0884	-0.2929	16.8724	-23.3333	18.8979	0.0518	1.7262	0.0000	14.8320
32.0975	6.2562	14.2099	6.4025	6.1453	14.2123	14.2082	14.2074	0.0088	0.0031	6.5885	17.0938	-0.2910	16.8679	-23.3333	18.7563	0.0516	1.7255	0.0000	15.4922

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36.1825	6.8588	14.2123	7.0958	7.2544	14.1954	14.2077	14.2062	-0.0050	0.0005	7.8305	26.2543	-0.7240	24.6360	-23.3333	18.4024	0.1011	1.7439	0.0000	0.3789
36.1015	6.8464	14.2152	7.0582	7.8762	14.1867	14.2077	14.2085	-0.0050	0.0094	7.3263	26.2934	-0.7250	24.6360	-23.3333	18.6147	0.1013	1.7436	0.0000	1.0391
35.9090	6.8265	14.2031	7.0453	7.3465	14.1867	14.2100	14.2138	-0.0014	0.0017	6.8860	26.3234	-0.7240	24.6360	-23.3333	18.5439	0.1013	1.7420	0.0000	1.6992
35.7078	6.7867	14.2037	7.0229	6.9705	14.1954	14.2043	14.2062	-0.0062	0.0059	6.6267	26.2961	-0.7136	24.6360	-23.3333	18.3317	0.1005	1.7421	0.0000	2.3594
35.5371	6.7612	14.2129	6.9618	7.0995	14.2007	14.2060	14.2085	-0.0056	0.0035	6.4291	26.2006	-0.7288	24.6360	-23.3333	18.1902	0.1014	1.7415	0.0000	3.0195
35.3228	6.7350	14.2077	6.9800	7.3292	14.2076	14.2095	14.2091	-0.0026	0.0005	6.4246	26.1852	-0.7240	24.6360	-23.3333	18.1902	0.1010	1.7400	0.0000	3.6797
35.1040	6.7046	14.2077	6.9136	6.8439	14.2024	14.2072	14.2027	-0.0014	0.0076	7.0916	26.1715	-0.7231	24.6360	-23.3333	18.2609	0.1009	1.7389	0.0000	4.3398
34.9093	6.6691	14.2106	6.8912	6.2583	14.1902	14.2106	14.2103	-0.0074	0.0070	7.8037	26.1915	-0.7212	24.6360	-23.3333	18.1195	0.1008	1.7388	0.0000	5.0000
34.6775	6.6398	14.2048	6.8748	7.6108	14.2146	14.2112	14.2068	0.0004	0.0017	7.3657	26.1761	-0.7269	24.6360	-23.3333	18.1902	0.1012	1.7373	0.0000	5.6602
34.4784	6.6143	14.2019	6.8289	6.6228	14.2163	14.2032	14.2045	-0.0050	-0.0013	7.1258	26.1870	-0.7231	24.6360	-23.3333	18.3317	0.1009	1.7360	0.0000	6.3203
34.2684	6.5776	14.2117	6.8007	7.1502	14.2094	14.2020	14.2027	-0.0032	0.0023	7.2726	26.1779	-0.7250	24.6360	-23.3333	18.1902	0.1010	1.7356	0.0000	6.9688
34.0453	6.5484	14.2077	6.7519	6.7155	14.1989	14.2049	14.2091	-0.0002	-0.0001	6.9402	26.1843	-0.7174	24.6360	-23.3333	18.1195	0.1005	1.7343	0.0000	7.6289
33.8462	6.5136	14.2066	6.7554	6.3689	14.2094	14.2123	14.2080	-0.0032	0.0035	6.9408	26.1788	-0.7174	24.6360	-23.3333	18.2609	0.1005	1.7339	0.0000	8.2891
33.6319	6.4887	14.2077	6.7072	6.3793	14.1920	14.2095	14.2027	-0.0044	0.0035	6.9265	26.2215	-0.7240	24.6360	-23.3333	18.4024	0.1011	1.7323	0.0000	8.9492
33.4437	6.4588	14.2083	6.6608	6.2083	14.2076	14.2072	14.2062	-0.0056	0.0064	6.7364	26.1834	-0.7155	24.6360	-23.3333	18.1902	0.1004	1.7316	0.0000	9.6094
33.2512	6.4314	14.2089	6.6743	6.7103	14.2094	14.2112	14.2062	-0.0080	0.0041	6.4405	26.1352	-0.7250	24.6360	-23.3333	18.1195	0.1010	1.7306	0.0000	10.2695
33.0478	6.3991	14.2117	6.6461	6.5623	14.2129	14.2089	14.1992	-0.0068	-0.0043	6.2293	26.0679	-0.7088	24.6360	-23.3333	18.1902	0.0997	1.7299	0.0000	10.9297
32.8750	6.3798	14.1973	6.5784	6.9406	14.2163	14.2100	14.2045	-0.0014	0.0023	6.2846	25.9951	-0.7136	24.6360	-23.3333	18.1902	0.0999	1.7284	0.0000	11.5898
32.7131	6.3506	14.2071	6.5555	7.0178	14.2059	14.2037	14.2062	-0.0050	0.0029	6.6793	25.9406	-0.7164	24.6360	-23.3333	18.0488	0.1000	1.7282	0.0000	12.2500
32.5337	6.3226	14.2066	6.5608	6.0183	14.2041	14.2152	14.2085	-0.0074	0.0076	7.3434	25.9033	-0.7097	24.6360	-23.3333	18.1195	0.0994	1.7275	0.0000	12.9102
32.3456	6.2908	14.2048	6.5091	6.5238	14.1902	14.2072	14.2091	-0.0074	-0.0019	7.1927	25.8987	-0.7145	24.6360	-23.3333	18.1902	0.0998	1.7270	0.0000	13.5078
32.1969	6.2740	14.2089	6.4703	5.7114	14.2024	14.2089	14.2085	-0.0044	-0.0013	6.9922	25.9469	-0.7193	24.6360	-23.3333	18.1195	0.1002	1.7257	0.0000	14.1680
32.1728	6.2709	14.2071	6.4779	5.5496	14.2024	14.2072	14.2097	-0.0050	0.0082	6.4645	25.9488	-0.7155	24.6360	-23.3333	18.1195	0.0999	1.7255	0.0000	14.8281
32.5950	6.3294	14.2077	6.5596	6.0666	14.1867	14.2077	14.2103	-0.0038	0.0029	6.6142	26.0088	-0.7155	24.6360	-23.3333	18.3317	0.1000	1.7280	0.0000	15.4883

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39.2115	7.3153	14.2249	7.6030	7.4958	14.2302	14.2188	14.2266	-0.0007	-0.0009	8.6752	14.2762	-0.0746	14.2261	-23.3333	19.4646	0.0239	1.7544	0.0000	0.3789
39.1590	7.3016	14.2238	7.6007	7.9121	14.2180	14.2205	14.2219	0.0011	-0.0021	7.9511	14.2807	-0.0765	14.2320	-23.3333	19.4646	0.0242	1.7547	0.0000	1.0391
38.9993	7.2885	14.2232	7.5501	7.8637	14.2093	14.2246	14.2172	-0.0007	-0.0051	7.4993	14.2753	-0.0737	14.2320	-23.3333	19.4646	0.0237	1.7532	0.0000	1.6992
38.7259	7.2450	14.2203	7.5372	7.4072	14.2197	14.2234	14.2208	-0.0019	-0.0069	7.2087	14.2826	-0.0880	14.2402	-23.3333	19.2520	0.0259	1.7525	0.0000	2.3594
38.4656	7.2108	14.2221	7.4913	7.8413	14.2180	14.2171	14.2184	0.0029	-0.0135	6.8963	14.3017	-0.0861	14.2555	-23.3333	19.3938	0.0257	1.7512	0.0000	3.0195
38.2294	7.1772	14.2163	7.4272	7.2160	14.2128	14.2194	14.2225	-0.0032	-0.0129	6.9106	14.2980	-0.0889	14.2590	-23.3333	19.4646	0.0261	1.7502	0.0000	3.6797
38.0828	7.1591	14.2180	7.4219	7.4895	14.2232	14.2205	14.2202	0.0011	-0.0045	7.4091	14.2735	-0.0737	14.2237	-23.3333	19.0395	0.0237	1.7494	0.0000	4.3320
37.8969	7.1261	14.2221	7.3796	7.3876	14.2145	14.2119	14.2283	0.0005	-0.0129	7.9705	14.2707	-0.0813	14.2202	-23.3333	19.2520	0.0249	1.7492	0.0000	4.9883
37.7131	7.1037	14.2186	7.3425	7.7457	14.2023	14.2160	14.2248	-0.0013	-0.0045	8.3508	14.2716	-0.0737	14.2237	-23.3333	19.3938	0.0237	1.7481	0.0000	5.6484
37.5906	7.0851	14.2186	7.3472	6.7330	14.2354	14.2211	14.2213	0.0041	-0.0033	7.9870	14.2716	-0.0727	14.2167	-23.3333	19.3938	0.0236	1.7477	0.0000	6.3086
37.4156	7.0583	14.2157	7.3031	7.3231	14.2250	14.2171	14.2184	0.0005	-0.0081	7.9448	14.2689	-0.0746	14.2131	-23.3333	19.5355	0.0239	1.7471	0.0000	6.9688
37.2690	7.0359	14.2186	7.2920	7.8091	14.1954	14.2165	14.2237	-0.0001	-0.0075	7.5856	14.2680	-0.0784	14.2120	-23.3333	19.3938	0.0245	1.7466	0.0000	7.6289
37.1006	7.0073	14.2151	7.2714	7.3248	14.2197	14.2188	14.2260	0.0005	-0.0051	7.6404	14.2671	-0.0756	14.2225	-23.3333	19.4646	0.0240	1.7463	0.0000	8.2891
36.9650	6.9911	14.2255	7.2197	6.9259	14.2232	14.2228	14.2208	-0.0032	-0.0105	7.6370	14.2798	-0.0775	14.2131	-23.3333	19.4646	0.0243	1.7454	0.0000	8.9492
36.7725	6.9694	14.2203	7.1850	7.6599	14.2215	14.2154	14.2213	-0.0001	-0.0069	7.3823	14.2671	-0.0746	14.2178	-23.3333	19.6773	0.0239	1.7440	0.0000	9.6094
36.6587	6.9457	14.2174	7.1503	7.5857	14.2075	14.2205	14.2225	-0.0068	-0.0069	7.1201	14.2689	-0.0756	14.2131	-23.3333	19.3938	0.0240	1.7442	0.0000	10.2695
36.4969	6.9258	14.2221	7.1679	8.9335	14.2215	14.2125	14.2178	-0.0044	0.0003	6.8575	14.2744	-0.0727	14.2178	-23.3333	19.3938	0.0236	1.7432	0.0000	10.9297
36.2956	6.8991	14.2226	7.1256	9.9030	14.2232	14.2171	14.2202	-0.0038	-0.0099	6.8083	14.2716	-0.0794	14.2155	-23.3333	19.2520	0.0246	1.7421	0.0000	11.5820
36.1228	6.8729	14.2244	7.0979	7.7227	14.2180	14.2182	14.2231	-0.0050	-0.0081	7.4051	14.2744	-0.0794	14.2214	-23.3333	19.4646	0.0246	1.7414	0.0000	12.2383
35.9981	6.8480	14.2186	7.0591	8.6018	14.2180	14.2205	14.2231	-0.0032	-0.0051	8.0407	14.2662	-0.0803	14.2214	-23.3333	19.4646	0.0248	1.7416	0.0000	12.8984
35.8078	6.8244	14.2203	7.0333	7.2356	14.2163	14.2211	14.2225	-0.0032	-0.0039	7.9419	14.2680	-0.0765	14.2190	-23.3333	19.3938	0.0242	1.7403	0.0000	13.5586
35.6525	6.8020	14.2255	7.0127	6.8349	14.2180	14.2223	14.2219	-0.0038	-0.0051	7.7518	14.2626	-0.0727	14.2284	-23.3333	19.3938	0.0236	1.7396	0.0000	14.2188
35.5497	6.7852	14.2192	6.9645	8.3134	14.2267	14.2171	14.2237	-0.0025	-0.0069	7.2418	14.2698	-0.0794	14.2167	-23.3333	19.4646	0.0246	1.7394	0.0000	14.8789
35.3550	6.7522	14.2290	6.9527	5.8521	14.2163	14.2200	14.2213	-0.0062	-0.0075	7.1858	14.2644	-0.0861	14.2178	-23.3333	19.3938	0.0256	1.7390	0.0000	15.5391

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38.8036	7.2682	14.2190	7.5374	7.9438	14.2218	14.2211	14.2216	0.0018	0.0043	8.5077	21.2560	-0.5021	20.8941	-23.3333	18.9687	0.0757	1.7518	0.0000	0.3906
38.8758	7.2744	14.2185	7.5756	8.7435	14.2061	14.2176	14.2175	0.0102	0.0091	7.8715	21.2760	-0.5097	20.9070	-23.3333	18.8979	0.0763	1.7524	0.0000	1.0391
38.8146	7.2601	14.2340	7.5274	9.7055	14.2130	14.2159	14.2146	0.0078	0.0157	7.4278	21.2942	-0.5078	20.9106	-23.3333	18.9687	0.0762	1.7527	0.0000	1.6992
38.6899	7.2471	14.2225	7.4904	8.0727	14.2130	14.2211	14.2228	0.0042	0.0002	7.1491	21.3042	-0.5059	20.9306	-23.3333	18.8979	0.0761	1.7517	0.0000	2.3594
38.5127	7.2215	14.2213	7.4639	6.9639	14.2200	14.2142	14.2146	-0.0019	-0.0022	6.9167	21.3178	-0.5202	20.9459	-23.3333	19.0395	0.0772	1.7510	0.0000	3.0195
38.3443	7.1985	14.2161	7.4492	6.9800	14.2218	14.2205	14.2204	0.0054	0.0067	6.8944	21.3360	-0.5031	20.9729	-23.3333	19.1103	0.0759	1.7503	0.0000	3.6797
39.1843	7.3230	14.2208	7.5991	9.5144	14.2096	14.2130	14.2181	0.0072	0.0014	7.6642	21.3506	-0.5050	20.9776	-23.3333	18.8271	0.0761	1.7532	0.0000	4.3398
39.4577	7.3590	14.2208	7.6309	8.6088	14.2200	14.2188	14.2187	0.0018	0.0079	8.3724	21.3697	-0.5126	20.9870	-23.3333	19.0395	0.0767	1.7546	0.0000	5.0000
37.8586	7.1257	14.2196	7.3716	7.0525	14.2252	14.2234	14.2169	0.0030	0.0079	8.3067	21.3751	-0.5126	21.0000	-23.3333	18.9687	0.0767	1.7486	0.0000	5.6602
36.7408	6.9665	14.2271	7.1699	6.6639	14.2235	14.2193	14.2222	-0.0013	0.0038	7.8630	21.3687	-0.5155	20.9917	-23.3333	18.8979	0.0769	1.7437	0.0000	6.3203
36.8918	6.9945	14.2185	7.2387	6.2568	14.2148	14.2245	14.2210	0.0024	0.0061	7.8670	21.3724	-0.5107	21.0035	-23.3333	18.8271	0.0766	1.7438	0.0000	6.9805
37.1258	7.0225	14.2190	7.2622	6.0438	14.2287	14.2205	14.2169	0.0000	0.0055	7.5403	21.3497	-0.5155	20.9800	-23.3333	18.8271	0.0769	1.7453	0.0000	7.6406
38.5783	7.2340	14.2265	7.5045	7.4550	14.2096	14.2234	14.2187	0.0030	0.0067	7.6671	21.3396	-0.5012	20.9635	-23.3333	18.8979	0.0758	1.7510	0.0000	8.2891
38.2721	7.1792	14.2190	7.4269	8.1418	14.2218	14.2188	14.2193	-0.0007	-0.0034	7.7716	21.3206	-0.5021	20.9447	-23.3333	18.8271	0.0758	1.7508	0.0000	8.9492
36.0758	6.8663	14.2254	7.0805	5.7496	14.2043	14.2216	14.2193	0.0018	0.0067	7.4375	21.2987	-0.5021	20.9259	-23.3333	18.8271	0.0758	1.7412	0.0000	9.6094
35.8899	6.8396	14.2075	7.0994	7.0335	14.2235	14.2142	14.2175	0.0030	0.0002	7.0440	21.2869	-0.5136	20.9035	-23.3333	18.8271	0.0767	1.7404	0.0000	10.2695
36.1371	6.8825	14.2133	7.0600	8.8344	14.2078	14.2199	14.2146	0.0072	0.0061	6.7882	21.2614	-0.5088	20.8811	-23.3333	18.9687	0.0762	1.7408	0.0000	10.9297
36.2727	6.9005	14.2208	7.1587	7.8234	14.2165	14.2245	14.2222	0.0000	0.0032	6.7482	21.2151	-0.5069	20.8364	-23.3333	18.8979	0.0760	1.7415	0.0000	11.5273
36.2290	6.8943	14.2294	7.1223	6.0185	14.2200	14.2228	14.2193	-0.0079	-0.0100	7.3222	21.1923	-0.5069	20.8247	-23.3333	18.8271	0.0760	1.7413	0.0000	12.1875
36.0627	6.8632	14.2254	7.1211	7.6628	14.2165	14.2228	14.2199	0.0036	0.0043	8.0040	21.1605	-0.5040	20.7870	-23.3333	18.8271	0.0757	1.7413	0.0000	12.8477
35.8855	6.8402	14.2104	7.0541	7.0957	14.2200	14.2176	14.2158	0.0048	0.0061	7.9052	21.1578	-0.5002	20.7811	-23.3333	18.9687	0.0754	1.7402	0.0000	13.5078
35.7018	6.8053	14.2127	7.0129	5.8377	14.2096	14.2256	14.2164	0.0036	0.0014	7.7573	21.1396	-0.5031	20.7564	-23.3333	18.8271	0.0756	1.7402	0.0000	14.1680
35.4983	6.7854	14.2219	7.0165	6.2879	14.2287	14.2211	14.2204	-0.0007	0.0055	7.1611	21.1260	-0.5126	20.7529	-23.3333	18.6855	0.0763	1.7384	0.0000	14.8281
35.3168	6.7581	14.2092	7.0047	5.8037	14.2130	14.2188	14.2164	0.0036	-0.0052	7.1691	21.1178	-0.5002	20.7376	-23.3333	18.8979	0.0753	1.7377	0.0000	15.4883

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39.0541	7.3026	14.2292	7.5880	8.9006	14.2210	14.2230	14.2192	0.0034	0.0066	8.6206	26.2247	-0.7194	25.6993	-23.3333	18.9687	0.1007	1.7529	0.0000	0.3906
38.4022	7.2036	14.2200	7.5180	9.3122	14.2158	14.2224	14.2209	0.0004	0.0042	7.8988	26.2629	-0.7318	25.7287	-23.3333	18.7563	0.1017	1.7508	0.0000	1.0508
38.0960	7.1707	14.2206	7.4516	6.2873	14.2280	14.2242	14.2209	0.0059	0.0018	7.3979	26.2829	-0.7204	25.7452	-23.3333	18.6855	0.1009	1.7485	0.0000	1.7070
37.8860	7.1333	14.2189	7.3816	6.6638	14.2088	14.2138	14.2215	0.0077	0.0066	7.0901	26.3229	-0.7299	25.7958	-23.3333	18.4732	0.1017	1.7483	0.0000	2.3594
37.8116	7.1252	14.2171	7.3505	6.8521	14.2332	14.2265	14.2157	0.0095	0.0036	6.8663	26.3429	-0.7270	25.8122	-23.3333	18.8979	0.1015	1.7478	0.0000	3.0195
37.7219	7.1109	14.2200	7.3852	8.7359	14.2228	14.2207	14.2233	0.0046	0.0054	6.8806	26.3265	-0.7232	25.7958	-23.3333	18.6147	0.1012	1.7475	0.0000	3.6797
37.5754	7.0929	14.2189	7.3464	6.7916	14.2054	14.2242	14.2174	0.0022	0.0090	7.5870	26.2920	-0.7270	25.7616	-23.3333	18.6147	0.1014	1.7467	0.0000	4.3398
37.3391	7.0574	14.2200	7.3634	5.7466	14.2263	14.2201	14.2192	0.0046	0.0030	8.3031	26.2729	-0.7289	25.7393	-23.3333	18.4732	0.1015	1.7458	0.0000	5.0000
37.1641	7.0325	14.2194	7.3158	8.8447	14.2297	14.2265	14.2209	0.0059	0.0018	7.9502	26.2756	-0.7204	25.7252	-23.3333	18.5439	0.1009	1.7450	0.0000	5.6602
36.9957	7.0039	14.2171	7.2646	8.2172	14.2228	14.2184	14.2203	0.0010	0.0048	7.7309	26.2829	-0.7289	25.7522	-23.3333	18.3317	0.1015	1.7447	0.0000	6.3203
36.8032	6.9778	14.2240	7.2388	6.2199	14.2141	14.2207	14.2186	0.0083	0.0090	7.8400	26.2383	-0.7308	25.6675	-23.3333	18.4024	0.1016	1.7438	0.0000	6.9805
36.6107	6.9535	14.2200	7.1870	6.0737	14.2193	14.2270	14.2203	0.0071	-0.0030	7.4990	26.1628	-0.7213	25.6205	-23.3333	18.2609	0.1008	1.7426	0.0000	7.6406
36.3832	6.9199	14.2194	7.1429	8.0663	14.2297	14.2230	14.2215	-0.0002	0.0036	7.4899	26.1456	-0.7261	25.6052	-23.3333	18.6147	0.1011	1.7417	0.0000	8.3008
36.2323	6.8969	14.2177	7.1082	6.4272	14.2280	14.2224	14.2215	0.0004	0.0066	7.4436	26.1137	-0.7242	25.5863	-23.3333	18.3317	0.1009	1.7411	0.0000	8.9570
35.8691	6.8360	14.2235	7.0977	5.6822	14.2297	14.2201	14.2221	0.0040	0.0090	7.2637	26.0765	-0.7308	25.5463	-23.3333	18.4024	0.1013	1.7404	0.0000	9.6094
35.4557	6.7775	14.2258	6.9577	6.3074	14.2228	14.2190	14.2203	0.0004	0.0060	6.9434	26.0737	-0.7204	25.5393	-23.3333	18.1902	0.1005	1.7384	0.0000	10.2695
35.2129	6.7482	14.2189	7.0106	6.3471	14.2071	14.2236	14.2116	0.0004	0.0066	6.6595	26.0755	-0.7146	25.5557	-23.3333	18.2609	0.1001	1.7367	0.0000	10.9297
35.9041	6.8453	14.2177	7.1335	6.5642	14.2158	14.2247	14.2203	0.0059	0.0054	6.6710	26.0783	-0.7175	25.5452	-23.3333	18.2609	0.1003	1.7401	0.0000	11.5898
35.9676	6.8559	14.2200	7.0624	7.3541	14.2193	14.2161	14.2250	0.0040	0.0000	7.2757	26.0692	-0.7166	25.5546	-23.3333	18.4024	0.1002	1.7402	0.0000	12.2500
35.6416	6.8055	14.2229	7.0324	7.0973	14.2280	14.2253	14.2203	-0.0014	0.0096	7.9439	26.0737	-0.7232	25.5663	-23.3333	18.1195	0.1007	1.7391	0.0000	12.9102
35.1801	6.7414	14.2200	6.9495	7.5562	14.2071	14.2213	14.2221	0.0010	0.0042	7.8051	26.0810	-0.7261	25.5475	-23.3333	18.2609	0.1009	1.7367	0.0000	13.5703
34.8476	6.6854	14.2246	6.9295	7.6840	14.2332	14.2213	14.2186	0.0022	0.0036	7.5938	26.0828	-0.7242	25.5310	-23.3333	18.4024	0.1008	1.7360	0.0000	14.2305
34.6048	6.6599	14.2235	6.8607	6.8325	14.2315	14.2213	14.2209	-0.0020	0.0012	6.9993	26.0755	-0.7080	25.5510	-23.3333	18.4732	0.0996	1.7339	0.0000	14.8906
34.3882	6.6170	14.2223	6.8707	6.8423	14.1949	14.2219	14.2320	0.0034	0.0042	7.0702	26.1074	-0.7223	25.5910	-23.3333	18.1902	0.1007	1.7340	0.0000	15.5508

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36.8858	7.0023	14.2035	7.1956	7.1435	14.1984	14.2098	14.2074	0.0008	0.0098	8.1284	14.2160	-0.0003	11.2774	-23.3333	1.7907	0.0000	1.7429	0.0000	0.3867
36.9142	7.0036	14.2139	7.2438	7.7561	14.2158	14.2156	14.2120	-0.0023	0.0032	7.5573	14.2051	0.0007	11.2951	-23.3333	1.7907	0.0000	1.7433	0.0000	0.9375
36.9427	7.0098	14.2070	7.1791	7.1913	14.2001	14.2150	14.2115	-0.0004	-0.0046	7.1148	14.2096	-0.0003	11.2810	-23.3333	1.7907	0.0000	1.7432	0.0000	1.5391
36.8158	6.9948	14.2064	7.1227	6.7992	14.2140	14.2110	14.2068	-0.0004	0.0020	6.8795	14.2105	-0.0041	11.2680	-23.3333	1.7907	0.0000	1.7424	0.0000	2.0898
36.6342	6.9700	14.2053	7.1215	8.1597	14.2140	14.2110	14.2109	0.0008	0.0008	6.7184	14.2096	0.0064	11.2692	-23.3333	1.7907	0.0000	1.7415	0.0000	2.6367
36.4745	6.9413	14.2099	7.1027	7.2540	14.2175	14.2110	14.2120	0.0008	0.0026	6.7367	14.2124	-0.0022	11.2586	-23.3333	1.8597	0.0000	1.7413	0.0000	3.2383
36.3083	6.9202	14.2128	7.0857	6.2021	14.2036	14.2110	14.2085	-0.0023	0.0056	7.3255	14.2078	0.0064	11.2468	-23.3333	1.9286	0.0000	1.7403	0.0000	3.7891
36.1049	6.8903	14.2058	7.0110	6.5280	14.2105	14.2162	14.2109	-0.0004	-0.0076	7.8868	14.2051	0.0045	11.2386	-23.3333	1.7907	0.0000	1.7394	0.0000	4.3398
35.9255	6.8636	14.2093	7.0398	7.1458	14.2053	14.2104	14.2085	-0.0011	0.0044	7.8817	14.2051	0.0035	11.2351	-23.3333	1.7907	0.0000	1.7387	0.0000	4.9492
35.7942	6.8362	14.2099	6.9916	7.7584	14.2140	14.2139	14.2103	-0.0017	0.0044	7.5739	14.2115	-0.0003	11.2174	-23.3333	1.9286	0.0000	1.7389	0.0000	5.4883
35.6433	6.8213	14.2064	6.9969	6.8193	14.2193	14.2144	14.2097	-0.0004	0.0086	7.5608	14.2078	-0.0031	11.2115	-23.3333	1.7907	0.0000	1.7376	0.0000	6.0977
35.4552	6.7951	14.2093	6.9563	6.9472	14.2036	14.2093	14.2132	0.0026	-0.0046	7.2318	14.2124	0.0016	11.2009	-23.3333	1.8597	0.0000	1.7366	0.0000	6.6484
35.2605	6.7678	14.2110	6.9134	7.6812	14.2175	14.2087	14.2109	-0.0004	0.0038	7.1188	14.2105	-0.0012	11.1833	-23.3333	1.8597	0.0000	1.7357	0.0000	7.1992
35.0680	6.7423	14.2099	6.8822	6.6622	14.2105	14.2047	14.2120	-0.0023	0.0026	7.2758	14.2078	0.0026	11.1986	-23.3333	1.7907	0.0000	1.7346	0.0000	7.7969
34.8777	6.7068	14.2058	6.8552	6.9483	14.2158	14.2081	14.2074	-0.0011	-0.0052	7.2073	14.2069	-0.0003	11.1668	-23.3333	1.8597	0.0000	1.7344	0.0000	8.3477
34.6742	6.6825	14.2128	6.8087	7.7204	14.2088	14.2087	14.2097	0.0002	-0.0016	6.9132	14.2069	-0.0060	11.1798	-23.3333	1.3772	0.0000	1.7330	0.0000	8.8984
34.5145	6.6545	14.2116	6.8134	6.7128	14.2001	14.2110	14.2126	0.0038	-0.0046	6.6499	14.2096	0.0016	11.1504	-23.3333	1.7907	0.0000	1.7327	0.0000	9.5000
34.3352	6.6365	14.2105	6.7676	7.5874	14.2088	14.2127	14.2056	-0.0004	0.0032	6.6870	14.2124	-0.0003	11.1574	-23.3333	1.8597	0.0000	1.7311	0.0000	10.0469
34.1514	6.6073	14.2099	6.7358	7.0583	14.2018	14.2058	14.2126	0.0032	0.0026	7.0611	14.2096	-0.0012	11.1527	-23.3333	1.7218	0.0000	1.7304	0.0000	10.5977
33.9808	6.5793	14.2128	6.7005	6.1895	14.2053	14.2076	14.2091	0.0008	-0.0064	7.7007	14.2151	0.0083	11.1339	-23.3333	1.8597	0.0000	1.7299	0.0000	11.2070
33.8124	6.5494	14.2145	6.6794	7.3317	14.2071	14.2093	14.2062	0.0008	0.0032	7.7761	14.2096	0.0064	11.1303	-23.3333	1.7907	0.0000	1.7296	0.0000	11.7578
33.6483	6.5276	14.2082	6.6564	6.1757	14.2036	14.2110	14.2097	-0.0017	-0.0022	7.4745	14.2096	-0.0022	11.1127	-23.3333	1.8597	0.0000	1.7286	0.0000	12.3594
33.5280	6.5127	14.2087	6.6071	7.3807	14.2105	14.2076	14.2074	-0.0023	0.0086	6.8715	14.2115	0.0016	11.1198	-23.3333	1.8597	0.0000	1.7278	0.0000	12.9102
33.3771	6.4903	14.2145	6.6270	7.5500	14.2105	14.2081	14.2097	0.0002	0.0008	6.9080	14.2078	0.0007	11.1103	-23.3333	1.9976	0.0000	1.7271	0.0000	13.4570

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38.1130	7.2059	14.2126	7.3580	7.6624	14.2150	14.2061	14.2131	0.0042	0.0025	8.2700	15.1235	-0.3065	14.8977	-17.8658	22.6637	0.0499	1.7456	0.0000	0.3789
38.1043	7.1903	14.2080	7.3369	7.5634	14.2063	14.2130	14.2096	0.0048	-0.0035	7.7458	15.1117	-0.3065	14.8965	-17.8712	22.5924	0.0499	1.7469	0.0000	1.0391
37.9840	7.1841	14.2132	7.2928	7.0337	14.2115	14.2089	14.2102	0.0030	-0.0005	7.3238	15.1181	-0.3055	14.8965	-17.8772	22.5924	0.0498	1.7454	0.0000	1.6992
37.8418	7.1542	14.2155	7.2928	7.1696	14.2080	14.2112	14.2108	0.0030	0.0025	7.0850	15.1317	-0.3055	14.9118	-17.8818	22.5211	0.0498	1.7456	0.0000	2.3594
37.6383	7.1238	14.2103	7.2599	6.8356	14.2115	14.2124	14.2108	0.0030	0.0036	6.9257	15.1326	-0.3122	14.9083	-17.8875	22.6637	0.0504	1.7449	0.0000	3.0195
37.4174	7.0914	14.2063	7.2140	6.6134	14.2150	14.2101	14.2096	0.0072	0.0042	7.1233	15.1299	-0.3036	14.9118	-17.8908	22.5924	0.0497	1.7440	0.0000	3.6797
37.1659	7.0572	14.2086	7.1840	6.6859	14.2046	14.2084	14.2126	-0.0012	0.0001	7.5876	15.1345	-0.3103	14.8965	-17.8938	22.4499	0.0502	1.7428	0.0000	4.3398
36.9318	7.0242	14.2138	7.1464	7.0158	14.2133	14.2078	14.2055	0.0012	0.0054	8.2780	15.1345	-0.3055	14.9060	-17.9008	22.5924	0.0498	1.7417	0.0000	4.9375
36.7284	6.9950	14.2121	7.1358	7.5380	14.2115	14.2112	14.2096	0.0024	0.0007	7.8246	15.1335	-0.3074	14.9095	-17.9074	22.5924	0.0500	1.7408	0.0000	5.5977
36.5249	6.9614	14.2149	7.1005	7.0901	14.2028	14.2107	14.2091	0.0054	-0.0005	7.4854	15.1345	-0.3046	14.9201	-17.9092	22.5924	0.0498	1.7403	0.0000	6.2578
36.3040	6.9334	14.2109	7.0358	6.7798	14.2046	14.2095	14.2102	0.0036	0.0036	7.5385	15.1345	-0.3074	14.8965	-17.9170	22.5924	0.0500	1.7390	0.0000	6.9180
36.1137	6.9066	14.2138	7.0282	7.2318	14.2115	14.2124	14.2120	0.0048	-0.0005	7.3637	15.1308	-0.3084	14.9083	-17.9228	22.5924	0.0501	1.7380	0.0000	7.5781
35.8971	6.8687	14.2092	6.9829	6.6669	14.2115	14.2107	14.2131	0.0030	-0.0053	7.1993	15.1235	-0.3065	14.8977	-17.9309	22.5924	0.0499	1.7377	0.0000	8.2383
35.6587	6.8382	14.2098	6.9535	6.0664	14.1906	14.2118	14.2085	0.0024	0.0019	7.0508	15.1317	-0.3208	14.9024	-17.9357	22.8064	0.0511	1.7363	0.0000	8.8867
35.4202	6.7984	14.2121	6.9065	6.7694	14.2202	14.2135	14.2114	0.0042	0.0036	7.2969	15.1372	-0.3169	14.9001	-17.9421	22.5211	0.0508	1.7357	0.0000	9.5000
35.1840	6.7760	14.2103	6.9000	6.9157	14.2185	14.2101	14.2120	0.0024	-0.0029	7.0005	15.1335	-0.3122	14.8977	-17.9493	22.8064	0.0504	1.7334	0.0000	10.1602
35.0090	6.7604	14.2069	6.8683	6.3514	14.2133	14.2066	14.2079	0.0060	0.0042	6.8246	15.1299	-0.3189	14.8977	-17.9529	22.3786	0.0509	1.7317	0.0000	10.8203
34.7859	6.7169	14.2103	6.8189	6.5840	14.2080	14.2066	14.2126	-0.0018	0.0025	6.7801	15.1345	-0.3093	14.8977	-17.9568	22.5211	0.0502	1.7317	0.0000	11.4766
34.5868	6.6920	14.2092	6.8218	6.6128	14.2046	14.2072	14.2096	0.0030	0.0025	6.9514	15.1299	-0.3131	14.9060	-17.9641	22.5924	0.0505	1.7304	0.0000	12.1367
34.4074	6.6578	14.2144	6.7348	6.3831	14.1976	14.2066	14.2073	0.0006	-0.0041	7.7127	15.1290	-0.3122	14.9001	-17.9704	22.1648	0.0504	1.7303	0.0000	12.7891
34.2237	6.6279	14.2109	6.7618	6.2092	14.2220	14.2038	14.2114	0.0018	-0.0011	7.7606	15.1290	-0.3189	14.8930	-17.9737	22.4499	0.0509	1.7298	0.0000	13.3984
33.9896	6.5974	14.2109	6.7078	6.4988	14.1906	14.2147	14.2114	0.0000	0.0048	7.5225	15.1126	-0.3093	14.8883	-17.9779	22.3786	0.0501	1.7283	0.0000	14.0586
33.7621	6.5651	14.2028	6.6795	6.3198	14.2080	14.2078	14.2114	0.0042	0.0090	6.8663	15.1154	-0.3122	14.8989	-17.9855	22.4499	0.0504	1.7271	0.0000	14.7188
33.5390	6.5383	14.2063	6.6272	6.1758	14.2150	14.2147	14.2108	0.0054	-0.0029	6.9297	15.1063	-0.3055	14.8789	-17.9888	22.6637	0.0498	1.7254	0.0000	15.3789

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38.8413	7.3489	14.2080	7.4306	7.1406	14.2052	14.2087	14.2094	-0.0006	0.0065	8.2688	20.7832	-0.9091	20.1125	-17.8465	22.0224	0.1013	1.7451	0.0000	0.3789
38.9682	7.3707	14.2149	7.4453	7.1464	14.2034	14.2070	14.2112	-0.0018	0.0000	7.8724	20.8014	-0.8996	20.1172	-17.8537	21.9512	0.1008	1.7453	0.0000	1.0391
38.8982	7.3701	14.2069	7.4270	7.2241	14.2017	14.2087	14.2100	0.0006	0.0000	7.5069	20.8050	-0.8986	20.1219	-17.8610	22.0224	0.1008	1.7442	0.0000	1.6992
38.7276	7.3290	14.2109	7.4235	7.0468	14.2191	14.2133	14.2200	0.0018	0.0041	7.3231	20.8169	-0.9110	20.1336	-17.8670	21.9512	0.1015	1.7450	0.0000	2.3594
38.5416	7.2929	14.2138	7.3924	7.0640	14.2069	14.2128	14.2159	-0.0012	-0.0108	7.2922	20.8151	-0.9110	20.1278	-17.8676	22.0224	0.1015	1.7451	0.0000	3.0195
38.3491	7.2575	14.2109	7.3300	7.0232	14.2069	14.2099	14.2083	0.0000	0.0018	7.2551	20.8223	-0.9024	20.1384	-17.8718	22.0936	0.1010	1.7450	0.0000	3.6797
38.1020	7.2158	14.2086	7.3224	6.7451	14.2208	14.2087	14.2100	0.0018	-0.0042	8.2848	20.8287	-0.9110	20.1548	-17.8797	22.0224	0.1015	1.7445	0.0000	4.3398
37.8307	7.1785	14.2132	7.2706	7.0721	14.2121	14.2053	14.2083	0.0042	-0.0018	8.2334	20.8442	-0.8977	20.1584	-17.8845	22.0224	0.1008	1.7432	0.0000	5.0000
37.5813	7.1374	14.2034	7.2207	6.9431	14.2086	14.2036	14.2094	0.0036	0.0018	7.9535	20.7905	-0.8986	20.1160	-17.8881	22.0224	0.1007	1.7426	0.0000	5.6484
37.3013	7.0839	14.2097	7.1860	7.0629	14.2121	14.2082	14.2089	-0.0006	0.0018	7.6217	20.7723	-0.8967	20.0878	-17.8911	22.2361	0.1006	1.7427	0.0000	6.3086
37.0892	7.0609	14.2046	7.1483	6.7739	14.2121	14.2110	14.2124	-0.0012	0.0000	7.7331	20.7705	-0.9081	20.0983	-17.8956	22.0224	0.1012	1.7411	0.0000	6.9688
36.8245	7.0273	14.2092	7.1042	6.4353	14.2086	14.2128	14.2083	0.0030	0.0006	7.6109	20.7741	-0.9120	20.0925	-17.9011	22.0224	0.1015	1.7395	0.0000	7.6289
36.6320	6.9868	14.2069	7.0878	6.1889	14.2017	14.2082	14.2106	0.0000	-0.0006	7.2277	20.7259	-0.8986	20.0407	-17.9062	22.0936	0.1006	1.7398	0.0000	8.2891
36.3367	6.9514	14.2046	7.0296	6.6708	14.2139	14.2139	14.2147	-0.0018	-0.0018	7.2197	20.7032	-0.8958	20.0266	-17.9089	22.0224	0.1004	1.7378	0.0000	8.9492
36.0654	6.9103	14.2069	6.9825	6.4255	14.2052	14.2139	14.2141	0.0024	-0.0054	7.3688	20.6659	-0.8891	20.0078	-17.9164	22.2361	0.0999	1.7368	0.0000	9.6094
35.8226	6.8730	14.2086	6.9484	6.3564	14.1912	14.2110	14.2112	-0.0012	0.0006	7.1563	20.6577	-0.8919	19.9878	-17.9222	22.0224	0.1000	1.7359	0.0000	10.2695
35.6192	6.8444	14.2080	6.9220	6.5775	14.2174	14.2087	14.2089	0.0024	-0.0018	6.9747	20.6350	-0.8967	19.9607	-17.9288	22.0224	0.1003	1.7349	0.0000	10.9297
35.4092	6.8170	14.2115	6.8708	6.6760	14.1930	14.2151	14.2112	0.0000	-0.0066	6.9170	20.6286	-0.8958	19.9536	-17.9312	22.0224	0.1002	1.7337	0.0000	11.5898
35.1817	6.7847	14.2063	6.8714	6.2971	14.2121	14.2122	14.2106	0.0012	0.0000	7.1089	20.6268	-0.8891	19.9513	-17.9393	22.0224	0.0998	1.7326	0.0000	12.2500
34.9629	6.7517	14.2086	6.8032	6.3156	14.2052	14.2105	14.2077	0.0012	0.0030	7.9307	20.6250	-0.9024	19.9701	-17.9448	22.0224	0.1006	1.7317	0.0000	12.9102
34.7157	6.7262	14.2069	6.7932	6.3017	14.2086	14.2116	14.2048	0.0024	0.0030	7.8816	20.6232	-0.8900	19.9666	-17.9490	21.9512	0.0998	1.7295	0.0000	13.5586
34.7792	6.7461	14.2017	6.8056	6.1993	14.2104	14.2105	14.2106	-0.0012	0.0024	7.6931	20.6341	-0.8986	19.9572	-17.9520	22.0224	0.1004	1.7287	0.0000	14.2188
34.9870	6.7716	14.2092	6.8085	6.2626	14.2208	14.2133	14.2118	0.0000	0.0012	7.1917	20.6286	-0.8872	19.9454	-17.9547	22.0224	0.0997	1.7302	0.0000	14.8789
35.0964	6.7878	14.2109	6.8502	6.2891	14.2052	14.2070	14.2106	0.0006	-0.0024	7.2894	20.6277	-0.8891	19.9560	-17.9592	22.0224	0.0998	1.7307	0.0000	15.5391

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38.2269	7.2145	14.2200	7.3101	7.7648	14.2195	14.2188	14.2231	0.0168	-0.0047	8.3435	14.2242	0.0058	10.7935	-17.9315	2.4115	0.0000	1.7468	0.0000	0.3789
38.1284	7.2008	14.2241	7.3272	7.7187	14.2126	14.2177	14.2208	0.0150	-0.0023	7.6663	14.2278	0.0096	10.8017	-17.9493	2.3425	0.0000	1.7463	0.0000	0.9297
37.9316	7.1610	14.2171	7.2678	7.7907	14.2160	14.2183	14.2173	0.0017	-0.0083	7.2751	14.2242	0.0191	10.7793	-17.9641	2.4115	0.0000	1.7466	0.0000	1.5391
37.6756	7.1225	14.2287	7.1420	7.7360	14.2021	14.2177	14.2231	0.0005	-0.0125	6.9838	14.2260	0.0191	10.7640	-17.9794	2.4115	0.0000	1.7457	0.0000	2.0898
37.4131	7.0889	14.2189	7.1631	7.7849	14.2143	14.2200	14.2208	-0.0037	-0.0059	6.7708	14.2269	0.0153	10.7452	-17.9897	2.2735	0.0000	1.7442	0.0000	2.6289
37.2162	7.0522	14.2235	7.1361	7.3002	14.2143	14.2183	14.2196	0.0029	-0.0107	6.7445	14.2260	0.0087	10.7264	-17.9647	2.4805	0.0000	1.7441	0.0000	3.1797
37.0850	7.0266	14.2212	7.0532	7.4107	14.2143	14.2188	14.2220	0.0126	-0.0125	7.2191	14.2269	0.0182	10.7158	-17.9996	2.1355	0.0000	1.7442	0.0000	3.7891
36.9450	7.0111	14.2287	7.0938	8.2933	14.2160	14.2194	14.2220	0.0150	-0.0101	8.0803	14.2260	0.0220	10.7099	-18.0141	2.2045	0.0000	1.7432	0.0000	4.3398
36.8422	6.9937	14.2171	7.0238	8.1603	14.2038	14.2188	14.2214	0.0042	-0.0071	7.9581	14.2169	0.0191	10.7099	-18.0289	2.2735	0.0000	1.7430	0.0000	4.8867
36.7328	6.9688	14.2200	7.0467	7.5661	14.2247	14.2148	14.2237	0.0042	-0.0113	7.6183	14.2297	0.0106	10.6876	-18.0376	2.4115	0.0000	1.7433	0.0000	5.4375
36.5819	6.9501	14.2200	7.0508	6.5379	14.2056	14.2166	14.2185	0.0187	-0.0077	7.6183	14.2287	0.0134	10.6923	-18.0497	2.1355	0.0000	1.7424	0.0000	6.0391
36.4681	6.9346	14.2310	6.9532	7.7204	14.1899	14.2183	14.2225	0.0187	-0.0083	7.3088	14.2224	0.0058	10.6746	-18.0593	2.2735	0.0000	1.7418	0.0000	6.5898
36.3719	6.9128	14.2246	7.0091	6.9040	14.2143	14.2183	14.2208	0.0205	-0.0083	7.2791	14.2269	0.0115	10.6746	-18.0708	2.5495	0.0000	1.7422	0.0000	7.1367
36.2581	6.8985	14.2275	6.9862	8.0244	14.1986	14.2188	14.2220	0.0090	-0.0095	7.3853	14.2215	0.0029	10.6640	-18.0771	2.1355	0.0000	1.7415	0.0000	7.6875
36.1662	6.8879	14.2252	6.9726	6.4348	14.2178	14.2200	14.2185	0.0168	-0.0035	7.2539	14.2324	0.0029	10.6440	-18.0882	2.1355	0.0000	1.7408	0.0000	8.2891
36.0788	6.8711	14.2281	6.9115	7.3520	14.1986	14.2160	14.2237	0.0120	-0.0035	6.9775	14.2278	0.0058	10.6393	-18.0937	2.4805	0.0000	1.7408	0.0000	8.8398
35.9759	6.8556	14.2200	6.9068	6.7947	14.2108	14.2171	14.2231	0.0150	-0.0023	6.7114	14.2278	0.0144	10.6452	-18.1003	2.2045	0.0000	1.7404	0.0000	9.3867
35.8206	6.8288	14.2195	6.9185	7.9415	14.2021	14.2177	14.2237	0.0181	-0.0071	6.7160	14.2287	0.0210	10.6334	-18.1090	1.8597	0.0000	1.7401	0.0000	9.9883
35.6850	6.8195	14.2252	6.8562	6.2339	14.2038	14.2171	14.2231	0.0132	-0.0083	7.2642	14.2297	0.0191	10.6229	-18.1157	2.3425	0.0000	1.7385	0.0000	10.5391
35.5888	6.7983	14.2229	6.8974	7.6398	14.2178	14.2200	14.2237	0.0138	-0.0017	7.9044	14.2287	0.0125	10.6087	-18.1247	2.2735	0.0000	1.7388	0.0000	11.0898
35.4663	6.7778	14.2252	6.8797	6.9484	14.1934	14.2194	14.2214	0.0017	-0.0035	7.9164	14.2233	0.0153	10.6099	-18.1337	2.2045	0.0000	1.7385	0.0000	11.6992
35.3547	6.7635	14.2183	6.8439	5.4221	14.2021	14.2160	14.2225	0.0102	-0.0071	7.6800	14.2287	0.0058	10.5981	-18.1425	2.2735	0.0000	1.7379	0.0000	12.2500
35.2103	6.7423	14.2246	6.7792	8.5720	14.1934	14.2171	14.2214	0.0096	-0.0035	7.0598	14.2306	0.0258	10.5840	-18.1527	2.4115	0.0000	1.7372	0.0000	12.7969
35.0856	6.7193	14.2258	6.7810	6.6202	14.1934	14.2137	14.2161	0.0114	-0.0101	7.0621	14.2215	0.0230	10.5887	-18.1624	1.9976	0.0000	1.7371	0.0000	13.3477

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39.4915	7.3816	14.2208	7.4315	6.8009	14.2169	14.2311	14.2132	0.0011	0.0059	8.6167	14.8379	-0.3197	14.6191	-23.3333	17.9781	0.0505	1.7531	0.0000	0.3789
39.3121	7.3598	14.2225	7.3750	8.2362	14.2273	14.2276	14.2219	-0.0007	0.0030	7.8800	14.8688	-0.3274	14.6450	-23.3333	18.1902	0.0512	1.7521	0.0000	1.0391
39.1000	7.3250	14.2231	7.3168	8.1539	14.2378	14.2288	14.2184	0.0023	0.0036	7.4757	14.8779	-0.3331	14.6450	-23.3333	18.2609	0.0516	1.7516	0.0000	1.6992
38.9031	7.2920	14.2150	7.2221	7.4947	14.2256	14.2282	14.2184	-0.0007	0.0024	7.2221	14.8925	-0.3264	14.6520	-23.3333	18.1195	0.0511	1.7513	0.0000	2.3594
38.6428	7.2553	14.2254	7.2698	6.9799	14.2308	14.2282	14.2225	-0.0007	0.0000	6.9446	14.8861	-0.3236	14.6555	-23.3333	17.9781	0.0509	1.7502	0.0000	2.9688
38.4634	7.2292	14.2150	7.2492	6.9466	14.2448	14.2271	14.2202	-0.0019	0.0119	6.9492	14.8343	-0.3312	14.6002	-23.3333	17.9781	0.0514	1.7495	0.0000	3.6172
38.2993	7.1968	14.2138	7.2568	7.0007	14.2465	14.2276	14.2202	-0.0025	0.0030	7.7184	14.8325	-0.3150	14.5897	-23.3333	18.0488	0.0501	1.7496	0.0000	4.2773
38.1462	7.1763	14.2173	7.2239	7.6133	14.2326	14.2271	14.2190	0.0072	0.0048	8.5585	14.8316	-0.3293	14.5991	-23.3333	18.0488	0.0513	1.7489	0.0000	4.9375
37.9778	7.1458	14.2208	7.1463	7.6449	14.2326	14.2231	14.2208	0.0017	0.0065	8.0342	14.8406	-0.3226	14.6026	-23.3333	18.0488	0.0507	1.7488	0.0000	5.5977
37.8028	7.1221	14.2208	7.0640	6.6149	14.2099	14.2253	14.2202	-0.0001	0.0042	7.6636	14.8306	-0.3207	14.6026	-23.3333	18.1902	0.0506	1.7479	0.0000	6.2578
37.6387	7.0979	14.2138	7.0610	7.4204	14.2082	14.2294	14.2219	-0.0019	-0.0018	7.7447	14.8206	-0.3255	14.5955	-23.3333	18.0488	0.0509	1.7473	0.0000	6.8594
37.4987	7.0711	14.2156	7.0763	6.7502	14.2326	14.2236	14.2225	0.0005	0.0006	7.5083	14.8170	-0.3264	14.5861	-23.3333	17.9781	0.0510	1.7473	0.0000	7.5195
37.3172	7.0556	14.2150	7.1292	6.0357	14.2361	14.2265	14.2231	-0.0019	-0.0030	7.4157	14.8115	-0.3226	14.5955	-23.3333	17.9781	0.0507	1.7456	0.0000	8.1797
37.1925	7.0276	14.2167	7.0222	6.6305	14.2326	14.2259	14.2178	0.0005	0.0012	7.4140	14.8134	-0.3226	14.5944	-23.3333	18.1902	0.0507	1.7460	0.0000	8.8398
37.0043	7.0095	14.2185	6.9523	6.4278	14.2221	14.2299	14.2208	-0.0001	0.0006	7.4746	14.8088	-0.3197	14.5932	-23.3333	18.0488	0.0505	1.7444	0.0000	9.5000
36.8468	6.9803	14.2167	6.9270	6.4952	14.2239	14.2271	14.2202	0.0017	0.0048	7.1742	14.8070	-0.3102	14.5720	-23.3333	18.1902	0.0497	1.7443	0.0000	10.1602
36.6828	6.9548	14.2208	6.8858	6.4197	14.2361	14.2248	14.2243	0.0005	0.0000	6.9640	14.8088	-0.3207	14.5991	-23.3333	18.0488	0.0505	1.7438	0.0000	10.7578
36.5297	6.9343	14.2173	6.9017	7.5528	14.2117	14.2248	14.2225	0.0023	0.0036	6.8327	14.8115	-0.3178	14.5897	-23.3333	18.0488	0.0503	1.7430	0.0000	11.4180
36.3634	6.9075	14.2161	6.9099	7.4463	14.2291	14.2231	14.2243	0.0023	0.0095	7.2992	14.8079	-0.3350	14.5908	-23.3333	17.8367	0.0517	1.7425	0.0000	12.0781
36.2125	6.8808	14.2115	6.9199	7.1256	14.2117	14.2248	14.2161	0.0042	0.0000	8.0262	14.8070	-0.3150	14.5920	-23.3333	18.0488	0.0501	1.7423	0.0000	12.7383
36.0747	6.8615	14.2150	6.8217	6.6690	14.2117	14.2265	14.2161	0.0042	0.0036	8.1159	14.8025	-0.3283	14.5697	-23.3333	18.0488	0.0511	1.7417	0.0000	13.3984
35.9150	6.8397	14.2219	6.8159	6.1042	14.2308	14.2242	14.2225	0.0023	0.0024	7.8509	14.7997	-0.3245	14.5814	-23.3333	17.9074	0.0508	1.7408	0.0000	14.0586
35.7859	6.8266	14.2115	6.7906	6.5430	14.2308	14.2259	14.2208	0.0011	-0.0006	7.2004	14.7952	-0.3188	14.5626	-23.3333	17.9074	0.0504	1.7397	0.0000	14.6602
35.6525	6.8024	14.2185	6.7994	6.7335	14.2343	14.2299	14.2231	-0.0007	0.0089	7.2404	14.7915	-0.3188	14.5708	-23.3333	18.0488	0.0504	1.7396	0.0000	15.3203

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37.4160	7.0719	14.2316	7.0434	6.8848	14.2363	14.2287	14.2256	-0.0032	-0.0025	8.0405	19.7907	-0.9424	19.0754	-23.3333	17.8367	0.1008	1.7458	0.0000	0.3828
37.2935	7.0563	14.2351	6.9729	6.5843	14.2154	14.2299	14.2320	-0.0014	-0.0019	7.5043	19.8152	-0.9472	19.1083	-23.3333	17.7660	0.1011	1.7451	0.0000	1.0391
37.1098	7.0302	14.2218	6.9705	7.0109	14.2293	14.2310	14.2256	-0.0032	0.0053	7.1285	19.8243	-0.9481	19.1107	-23.3333	17.5541	0.1012	1.7443	0.0000	1.6992
36.9151	7.0109	14.2293	6.9664	7.0449	14.2345	14.2264	14.2262	-0.0014	-0.0031	6.8921	19.8252	-0.9596	19.1130	-23.3333	17.6247	0.1018	1.7426	0.0000	2.3594
36.7204	6.9767	14.2252	6.9811	6.9470	14.2380	14.2304	14.2332	-0.0038	-0.0067	6.6917	19.8070	-0.9415	19.1107	-23.3333	17.4834	0.1008	1.7424	0.0000	3.0195
36.4667	6.9406	14.2264	6.9229	6.5198	14.2363	14.2316	14.2280	-0.0001	0.0083	6.6808	19.8089	-0.9577	19.0954	-23.3333	17.6954	0.1017	1.7412	0.0000	3.6797
36.2436	6.8939	14.2212	6.9064	6.4000	14.2380	14.2287	14.2326	-0.0020	-0.0013	8.0171	19.8098	-0.9481	19.1036	-23.3333	17.4834	0.1011	1.7416	0.0000	4.3320
36.0357	6.8691	14.2322	6.8541	6.6430	14.2154	14.2310	14.2338	0.0035	-0.0037	7.9737	19.8079	-0.9443	19.0883	-23.3333	17.6247	0.1009	1.7402	0.0000	4.9922
35.8323	6.8442	14.2310	6.8212	6.4564	14.2345	14.2270	14.2291	0.0005	-0.0043	7.4421	19.8061	-0.9529	19.1060	-23.3333	17.6247	0.1014	1.7389	0.0000	5.6016
35.6617	6.8168	14.2276	6.7671	6.3206	14.2328	14.2253	14.2291	0.0005	-0.0096	7.1651	19.8152	-0.9520	19.1142	-23.3333	17.5541	0.1014	1.7384	0.0000	6.2617
35.4976	6.7907	14.2310	6.7665	6.7207	14.2206	14.2270	14.2233	0.0005	-0.0031	7.3073	19.8089	-0.9596	19.1013	-23.3333	17.5541	0.1018	1.7379	0.0000	6.9219
35.3204	6.7664	14.2328	6.7230	6.5278	14.2293	14.2287	14.2303	-0.0014	-0.0007	7.1651	19.8116	-0.9405	19.1001	-23.3333	17.6954	0.1007	1.7369	0.0000	7.5820
35.1826	6.7403	14.2224	6.7242	6.5209	14.2258	14.2304	14.2291	-0.0038	-0.0025	7.0315	19.7479	-0.9396	19.0518	-23.3333	17.6954	0.1005	1.7369	0.0000	8.2305
35.0164	6.7185	14.2264	6.7053	6.3453	14.2328	14.2270	14.2285	0.0029	0.0017	6.9087	19.7343	-0.9358	19.0248	-23.3333	17.5541	0.1003	1.7359	0.0000	8.8906
34.9179	6.7011	14.2287	6.6589	6.3131	14.2293	14.2287	14.2280	-0.0026	0.0011	7.0766	19.7161	-0.9377	19.0318	-23.3333	17.5541	0.1003	1.7358	0.0000	9.5508
34.8589	6.6949	14.2258	6.6812	6.4219	14.2136	14.2299	14.2268	-0.0050	-0.0132	6.7962	19.7052	-0.9491	19.0107	-23.3333	17.5541	0.1009	1.7353	0.0000	10.2109
34.7911	6.6824	14.2241	6.6642	6.3315	14.2258	14.2258	14.2303	0.0029	-0.0067	6.6905	19.6934	-0.9367	19.0118	-23.3333	17.6247	0.1002	1.7352	0.0000	10.8711
34.7495	6.6824	14.2247	6.6712	6.1674	14.2380	14.2287	14.2303	-0.0001	-0.0037	6.5283	19.6797	-0.9405	18.9777	-23.3333	17.5541	0.1004	1.7344	0.0000	11.5313
34.6729	6.6693	14.2304	6.6642	6.0851	14.2398	14.2322	14.2274	0.0005	-0.0013	6.8921	19.6825	-0.9348	18.9977	-23.3333	17.6247	0.1001	1.7343	0.0000	12.1914
34.5679	6.6538	14.2281	6.6330	6.0408	14.2293	14.2316	14.2309	0.0011	-0.0085	7.7533	19.6488	-0.9329	18.9695	-23.3333	17.5541	0.0999	1.7338	0.0000	12.8516
34.4454	6.6301	14.2224	6.6266	6.4864	14.2119	14.2299	14.2309	0.0011	-0.0031	7.8550	19.6424	-0.9310	18.9460	-23.3333	17.5541	0.0998	1.7338	0.0000	13.5117
34.4345	6.6258	14.2224	6.5983	6.3563	14.2189	14.2316	14.2291	0.0011	-0.0049	7.5631	19.6361	-0.9377	18.9354	-23.3333	17.7660	0.1001	1.7340	0.0000	14.1719
34.5439	6.6457	14.2293	6.6483	6.1691	14.2363	14.2253	14.2303	0.0023	0.0059	6.9481	19.6388	-0.9338	18.9565	-23.3333	17.5541	0.0999	1.7341	0.0000	14.8320
34.6248	6.6637	14.2235	6.6624	6.3666	14.2276	14.2304	14.2297	0.0011	0.0005	7.0674	19.6297	-0.9472	18.9424	-23.3333	17.5541	0.1006	1.7339	0.0000	15.4805

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36.8220	6.9772	14.2190	6.9277	6.4616	14.2002	14.2187	14.2229	-0.0012	-0.0051	7.7882	26.4771	-1.5186	25.3215	-23.3333	16.9892	0.1483	1.7441	0.0000	0.3906
36.6098	6.9499	14.2265	6.9171	6.6038	14.2089	14.2199	14.2200	0.0018	-0.0033	7.3377	26.4435	-1.5014	25.2933	-23.3333	17.2010	0.1473	1.7429	0.0000	1.0508
36.3779	6.9107	14.2149	6.8936	6.3948	14.2124	14.2273	14.2211	0.0006	-0.0051	6.9453	26.7417	-1.5557	25.6015	-23.3333	17.3422	0.1509	1.7425	0.0000	1.6992
36.1220	6.8802	14.2138	6.8618	6.3062	14.2193	14.2164	14.2246	0.0012	0.0015	6.7158	26.8454	-1.5453	25.7157	-23.3333	17.3422	0.1506	1.7407	0.0000	2.3594
35.8726	6.8366	14.2155	6.8207	6.1732	14.2124	14.2210	14.2223	0.0000	-0.0039	6.7255	26.8881	-1.5395	25.7227	-23.3333	16.9892	0.1505	1.7403	0.0000	3.0195
35.6692	6.8086	14.2184	6.7825	6.2952	14.2106	14.2204	14.2200	-0.0036	0.0039	6.7163	26.8954	-1.5395	25.6992	-23.3333	17.2010	0.1505	1.7393	0.0000	3.6797
35.4307	6.7750	14.2143	6.7413	6.1737	14.2298	14.2222	14.2200	-0.0030	0.0086	8.1377	26.9372	-1.5481	25.7627	-23.3333	16.9892	0.1510	1.7381	0.0000	4.3398
35.2382	6.7446	14.2190	6.7084	6.2313	14.2245	14.2210	14.2223	0.0006	0.0003	7.3839	26.9445	-1.5586	25.7592	-23.3333	16.9186	0.1516	1.7375	0.0000	5.0000
35.0413	6.7153	14.2167	6.6831	6.2451	14.2211	14.2199	14.2223	-0.0024	-0.0009	7.1212	26.8972	-1.5367	25.7286	-23.3333	16.9186	0.1503	1.7367	0.0000	5.6602
34.8510	6.6805	14.2161	6.6631	6.1219	14.2298	14.2204	14.2223	0.0018	0.0015	6.9168	26.8927	-1.5481	25.7121	-23.3333	16.8481	0.1509	1.7365	0.0000	6.3203
34.6432	6.6631	14.2178	6.6372	6.1968	14.2298	14.2124	14.2206	0.0018	-0.0009	7.1321	26.8909	-1.5662	25.7192	-23.3333	16.9892	0.1518	1.7343	0.0000	6.9805
34.4857	6.6344	14.2155	6.6026	6.0649	14.2263	14.2187	14.2194	-0.0006	0.0027	7.1572	26.8909	-1.5672	25.7168	-23.3333	16.9186	0.1519	1.7341	0.0000	7.6406
34.3217	6.6039	14.2138	6.6008	5.9745	14.2211	14.2193	14.2176	0.0000	-0.0003	6.6301	26.9081	-1.5605	25.7333	-23.3333	16.9186	0.1516	1.7340	0.0000	8.3008
34.1576	6.5797	14.2161	6.5567	6.0171	14.2228	14.2210	14.2217	0.0012	0.0027	6.6861	26.9209	-1.5529	25.7298	-23.3333	16.9186	0.1512	1.7333	0.0000	8.9492
34.0526	6.5666	14.2167	6.5520	5.9866	14.2106	14.2199	14.2246	0.0043	-0.0009	6.7403	26.8509	-1.5500	25.6863	-23.3333	16.8481	0.1509	1.7326	0.0000	9.5586
34.2232	6.5884	14.2184	6.5690	6.1265	14.2054	14.2222	14.2229	-0.0012	-0.0015	6.6495	26.8472	-1.5634	25.6792	-23.3333	16.9892	0.1515	1.7337	0.0000	10.2188
34.4923	6.6270	14.2132	6.6161	6.0557	14.2158	14.2141	14.2147	0.0037	0.0062	6.4822	26.8281	-1.5443	25.6674	-23.3333	16.9186	0.1505	1.7350	0.0000	10.8789
34.7154	6.6581	14.2195	6.6278	6.2181	14.2228	14.2204	14.2159	0.0024	0.0021	6.4422	26.8199	-1.5386	25.6698	-23.3333	16.9186	0.1502	1.7362	0.0000	11.5391
34.8182	6.6730	14.2103	6.6666	6.1616	14.2228	14.2204	14.2223	-0.0048	0.0080	6.7740	26.8163	-1.5491	25.6333	-23.3333	16.8481	0.1507	1.7367	0.0000	12.1992
34.9342	6.6960	14.2126	6.6902	6.1985	14.2124	14.2153	14.2182	-0.0012	0.0003	7.7791	26.8327	-1.5510	25.6733	-23.3333	16.8481	0.1509	1.7366	0.0000	12.8477
35.0129	6.7066	14.2109	6.6843	6.1783	14.2315	14.2176	14.2188	0.0012	-0.0099	7.7620	26.8481	-1.5300	25.6757	-23.3333	16.9186	0.1499	1.7370	0.0000	13.5078
35.0829	6.7147	14.2138	6.6872	6.1968	14.2124	14.2193	14.2182	0.0000	0.0021	7.5421	26.8672	-1.5491	25.6827	-23.3333	16.9892	0.1509	1.7375	0.0000	14.1680
35.1792	6.7309	14.2092	6.7125	6.1352	14.2333	14.2182	14.2188	0.0012	-0.0039	7.1275	26.8536	-1.5586	25.6839	-23.3333	16.9186	0.1513	1.7378	0.0000	14.8281
35.2798	6.7439	14.2178	6.7219	6.1006	14.2089	14.2216	14.2211	-0.0042	0.0056	7.1361	26.8499	-1.5481	25.6651	-23.3333	16.9892	0.1508	1.7384	0.0000	15.4883

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42.5313	7.8690	14.2497	8.1214	8.7143	14.2426	14.2468	14.2416	-0.0273	0.0031	9.3368	14.2575	0.0083	13.5877	-23.3333	1.9286	0.0000	1.7599	0.0000	0.3828
42.7282	7.8963	14.2480	8.1366	8.3079	14.2408	14.2485	14.2510	-0.0170	-0.0047	8.5567	14.2529	0.0017	13.5877	-23.3333	1.9286	0.0000	1.7606	0.0000	0.9297
43.1241	7.9629	14.2497	8.2460	9.3068	14.2408	14.2468	14.2504	-0.0104	-0.0023	8.1655	14.2493	-0.0088	13.5936	-23.3333	0.9638	0.0000	1.7612	0.0000	1.4805
43.7694	8.0587	14.2497	8.3301	8.0269	14.2496	14.2514	14.2539	-0.0291	0.0067	7.9005	14.2456	-0.0012	13.6042	-23.3333	1.9976	0.0000	1.7631	0.0000	2.0898
43.4501	8.0121	14.2590	8.2548	10.7853	14.2478	14.2519	14.2457	-0.0303	-0.0035	7.6778	14.2502	0.0017	13.5936	-23.3333	1.9286	0.0000	1.7621	0.0000	2.6406
42.7063	7.9013	14.2497	8.0702	9.6643	14.2443	14.2548	14.2504	-0.0255	-0.0041	7.9074	14.2493	0.0007	13.5889	-23.3333	2.2735	0.0000	1.7599	0.0000	3.1914
41.2538	7.6885	14.2521	7.8973	9.6787	14.2583	14.2485	14.2510	-0.0333	0.0019	8.0125	14.2538	-0.0022	13.5607	-23.3333	2.2045	0.0000	1.7551	0.0000	3.7930
40.2016	7.5430	14.2497	7.7433	8.7644	14.2513	14.2468	14.2504	-0.0333	0.0031	7.8332	14.2556	0.0007	13.5701	-23.3333	1.9976	0.0000	1.7506	0.0000	4.3398
40.7288	7.6114	14.2497	7.9026	9.5584	14.2374	14.2479	14.2504	-0.0303	0.0061	8.9787	14.2566	-0.0031	13.5972	-23.3333	2.2735	0.0000	1.7533	0.0000	4.8906
42.8857	7.9218	14.2503	8.1519	10.9551	14.2426	14.2497	14.2539	-0.0146	0.0049	8.9947	14.2447	0.0007	13.5913	-23.3333	2.2045	0.0000	1.7609	0.0000	5.4922
42.8376	7.9156	14.2486	8.0808	10.5216	14.2478	14.2474	14.2527	-0.0073	0.0031	9.0210	14.2484	-0.0079	13.5795	-23.3333	2.2045	0.0000	1.7607	0.0000	6.0430
42.1901	7.8142	14.2463	8.1055	9.1220	14.2530	14.2451	14.2487	-0.0073	-0.0023	8.5596	14.2529	0.0017	13.5795	-23.3333	1.5150	0.0000	1.7591	0.0000	6.5898
41.5732	7.7240	14.2497	7.9391	9.5918	14.2600	14.2514	14.2539	-0.0110	0.0043	8.5396	14.2493	0.0017	13.5748	-23.3333	2.1355	0.0000	1.7571	0.0000	7.1406
41.2101	7.6686	14.2544	7.8727	8.2785	14.2478	14.2508	14.2533	-0.0158	0.0049	8.5618	14.2475	0.0036	13.5772	-23.3333	2.3425	0.0000	1.7561	0.0000	7.7422
40.9519	7.6394	14.2515	7.9003	8.8744	14.2548	14.2462	14.2492	-0.0098	0.0013	8.1370	14.2465	-0.0031	13.5772	-23.3333	2.2045	0.0000	1.7544	0.0000	8.2930
40.8448	7.6251	14.2503	7.8503	8.6654	14.2496	14.2508	14.2498	-0.0116	0.0037	7.8434	14.2438	0.0045	13.5713	-23.3333	2.1355	0.0000	1.7539	0.0000	8.8398
40.8491	7.6276	14.2446	7.8444	7.0274	14.2496	14.2479	14.2498	-0.0170	-0.0041	7.6190	14.2511	0.0064	13.5854	-23.3333	2.0665	0.0000	1.7538	0.0000	9.4531
40.9191	7.6350	14.2503	7.8045	9.1709	14.2513	14.2519	14.2510	-0.0158	-0.0005	7.5476	14.2484	0.0007	13.5842	-23.3333	2.2735	0.0000	1.7543	0.0000	10.0000
41.0438	7.6518	14.2492	7.8874	8.7402	14.2496	14.2531	14.2504	-0.0019	0.0073	8.3517	14.2456	-0.0022	13.5772	-23.3333	2.2735	0.0000	1.7548	0.0000	10.5508
41.1576	7.6662	14.2480	7.8415	9.0016	14.2426	14.2514	14.2522	-0.0055	-0.0047	8.9330	14.2502	0.0055	13.5760	-23.3333	1.8597	0.0000	1.7554	0.0000	11.1523
41.2451	7.6767	14.2474	7.8344	9.7248	14.2548	14.2508	14.2510	-0.0055	0.0013	8.8508	14.2511	-0.0060	13.5772	-23.3333	1.7907	0.0000	1.7559	0.0000	11.7031
41.2494	7.6817	14.2515	7.9291	7.7546	14.2478	14.2554	14.2516	-0.0073	-0.0005	8.8628	14.2620	0.0017	13.5689	-23.3333	2.3425	0.0000	1.7556	0.0000	12.2500
41.2669	7.6805	14.2486	7.8962	7.8582	14.2496	14.2502	14.2469	0.0005	-0.0005	8.3877	14.2484	-0.0050	13.5724	-23.3333	2.2735	0.0000	1.7560	0.0000	12.8516
41.2319	7.6736	14.2446	7.8709	7.8202	14.2513	14.2519	14.2527	-0.0019	-0.0023	8.1410	14.2438	0.0036	13.5713	-23.3333	2.2735	0.0000	1.7560	0.0000	13.4023

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40.3743	7.5748	14.2512	7.7421	9.9034	14.2610	14.2433	14.2491	0.0287	-0.0034	8.9980	17.5535	-0.2887	17.3376	-23.3333	17.6954	0.0521	1.7507	0.0000	0.3828
40.5930	7.6084	14.2541	7.7903	8.9494	14.2435	14.2485	14.2526	0.0227	-0.0010	8.1625	17.5672	-0.2763	17.3399	-23.3333	17.5541	0.0510	1.7513	0.0000	1.0430
40.9255	7.6595	14.2484	7.8292	7.8521	14.2557	14.2508	14.2456	0.0257	-0.0022	7.7599	17.5381	-0.2763	17.3234	-23.3333	17.5541	0.0510	1.7523	0.0000	1.6406
40.9430	7.6619	14.2535	7.8838	9.5793	14.2505	14.2502	14.2514	0.0245	-0.0046	7.4390	17.5053	-0.2791	17.2693	-23.3333	17.4834	0.0512	1.7524	0.0000	2.3008
41.0021	7.6738	14.2489	7.8121	7.7939	14.2470	14.2490	14.2479	0.0251	0.0050	7.2306	17.4871	-0.2791	17.2681	-23.3333	17.5541	0.0511	1.7523	0.0000	2.9609
41.1465	7.6875	14.2478	7.8703	9.5793	14.2557	14.2456	14.2520	0.0299	-0.0058	7.2471	17.4817	-0.2753	17.2634	-23.3333	17.5541	0.0508	1.7534	0.0000	3.6211
41.1946	7.6993	14.2484	7.8662	7.1030	14.2523	14.2508	14.2520	0.0239	0.0026	7.7634	17.4808	-0.2744	17.2658	-23.3333	17.4834	0.0507	1.7532	0.0000	4.2813
41.2165	7.7049	14.2507	7.8556	8.4577	14.2366	14.2485	14.2496	0.0305	-0.0130	7.8108	17.4635	-0.2848	17.2423	-23.3333	17.5541	0.0516	1.7531	0.0000	4.9414
41.2624	7.7099	14.2472	7.9197	6.6908	14.2401	14.2456	14.2491	0.0269	-0.0016	8.9375	17.4544	-0.2753	17.2317	-23.3333	17.4834	0.0507	1.7534	0.0000	5.6016
41.2340	7.6987	14.2478	7.8856	7.8037	14.2557	14.2490	14.2520	0.0227	-0.0010	8.7045	17.4344	-0.2744	17.2270	-23.3333	17.5541	0.0506	1.7539	0.0000	6.2617
41.0480	7.6682	14.2466	7.8727	7.0852	14.2470	14.2496	14.2496	0.0293	0.0002	8.6759	17.4344	-0.2801	17.2128	-23.3333	17.5541	0.0512	1.7535	0.0000	6.9219
40.7965	7.6290	14.2501	7.8409	8.9103	14.2540	14.2479	14.2485	0.0251	-0.0010	8.2339	17.4371	-0.2763	17.2211	-23.3333	17.4834	0.0508	1.7528	0.0000	7.5820
40.6521	7.6053	14.2460	7.7892	7.7093	14.2401	14.2496	14.2479	0.0293	0.0002	8.2448	17.4198	-0.2753	17.2034	-23.3333	17.5541	0.0507	1.7525	0.0000	8.2422
40.4771	7.5736	14.2466	7.7721	8.3771	14.2488	14.2467	14.2456	0.0263	0.0014	8.2830	17.4217	-0.2705	17.1870	-23.3333	17.5541	0.0503	1.7525	0.0000	8.8438
40.3546	7.5630	14.2409	7.6969	9.3444	14.2383	14.2467	14.2508	0.0233	-0.0016	7.9130	17.4153	-0.2791	17.1952	-23.3333	17.4834	0.0510	1.7514	0.0000	9.5000
40.3043	7.5562	14.2403	7.7410	8.2833	14.2401	14.2490	14.2508	0.0305	-0.0016	7.6332	17.4107	-0.2725	17.2023	-23.3333	17.6954	0.0504	1.7512	0.0000	10.1602
40.2212	7.5456	14.2489	7.6986	6.0770	14.2505	14.2462	14.2467	0.0197	-0.0016	7.4207	17.4144	-0.2734	17.1940	-23.3333	17.5541	0.0505	1.7507	0.0000	10.8203
40.0768	7.5226	14.2426	7.6651	8.5879	14.2383	14.2496	14.2479	0.0263	-0.0016	7.3293	17.4217	-0.2696	17.2046	-23.3333	17.4128	0.0502	1.7504	0.0000	11.4805
39.8930	7.4865	14.2426	7.6522	8.2194	14.2470	14.2439	14.2508	0.0287	-0.0058	8.0569	17.4235	-0.2753	17.2070	-23.3333	17.6247	0.0507	1.7505	0.0000	12.1406
39.6349	7.4504	14.2466	7.6157	9.7894	14.2523	14.2508	14.2485	0.0215	-0.0028	8.5840	17.4244	-0.2772	17.1999	-23.3333	17.5541	0.0509	1.7494	0.0000	12.7930
39.4337	7.4187	14.2437	7.6063	10.0739	14.2366	14.2502	14.2461	0.0305	-0.0010	8.4681	17.4198	-0.2725	17.2081	-23.3333	17.5541	0.0504	1.7489	0.0000	13.4531
39.1930	7.3845	14.2414	7.5857	7.1088	14.2296	14.2433	14.2508	0.0263	-0.0052	8.4258	17.4289	-0.2801	17.2070	-23.3333	17.6954	0.0512	1.7479	0.0000	14.1133
38.9415	7.3471	14.2472	7.4834	9.8516	14.2383	14.2496	14.2532	0.0305	-0.0016	7.8793	17.4271	-0.2753	17.2058	-23.3333	17.5541	0.0507	1.7470	0.0000	14.7734
38.7818	7.3204	14.2409	7.4917	8.7537	14.2610	14.2439	14.2520	0.0299	-0.0052	7.6389	17.4308	-0.2648	17.2128	-23.3333	17.5541	0.0497	1.7467	0.0000	15.4336

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40.4509	7.5882	14.2462	7.6804	9.3354	14.2391	14.2468	14.2518	-0.0015	0.0014	9.0529	25.9418	-0.7203	25.3911	-23.3333	17.4128	0.1003	1.7508	0.0000	0.3906
40.1381	7.5359	14.2531	7.6245	7.9962	14.2583	14.2468	14.2483	-0.0033	0.0026	8.2242	25.8972	-0.7203	25.3487	-23.3333	17.3422	0.1002	1.7502	0.0000	1.0508
39.6503	7.4582	14.2438	7.5140	6.6737	14.2426	14.2440	14.2536	0.0021	0.0002	7.7411	25.9072	-0.7232	25.3475	-23.3333	17.2716	0.1004	1.7490	0.0000	1.7031
39.3747	7.4221	14.2450	7.4969	6.2609	14.2409	14.2503	14.2483	0.0015	0.0002	7.3905	25.9182	-0.7289	25.3440	-23.3333	17.3422	0.1008	1.7476	0.0000	2.3633
39.3156	7.4128	14.2450	7.5422	7.7717	14.2478	14.2428	14.2536	-0.0015	-0.0010	7.1455	25.9309	-0.7251	25.3522	-23.3333	17.2716	0.1006	1.7474	0.0000	3.0195
39.3856	7.4233	14.2450	7.5305	7.9962	14.2478	14.2440	14.2495	-0.0045	-0.0046	7.1558	25.9327	-0.7337	25.3663	-23.3333	17.1304	0.1012	1.7477	0.0000	3.6328
39.2675	7.3985	14.2410	7.4958	7.9530	14.2339	14.2417	14.2506	-0.0027	-0.0046	7.6246	25.9363	-0.7222	25.3828	-23.3333	17.2716	0.1004	1.7479	0.0000	4.2930
39.0028	7.3611	14.2456	7.3717	7.4959	14.2374	14.2428	14.2518	0.0009	-0.0004	7.9684	25.9345	-0.7270	25.3640	-23.3333	17.2010	0.1007	1.7468	0.0000	4.9531
38.8103	7.3294	14.2456	7.4046	7.2840	14.2565	14.2486	14.2518	-0.0015	-0.0052	8.7108	25.9327	-0.7280	25.3640	-23.3333	17.2716	0.1008	1.7464	0.0000	5.6016
38.7250	7.3145	14.2462	7.3594	7.9127	14.2461	14.2486	14.2489	-0.0021	-0.0106	8.3470	25.9391	-0.7289	25.3687	-23.3333	17.2716	0.1009	1.7462	0.0000	6.2617
38.6878	7.3120	14.2462	7.3888	6.0185	14.2513	14.2486	14.2553	0.0003	-0.0010	8.2522	25.9482	-0.7222	25.3922	-23.3333	17.0598	0.1004	1.7458	0.0000	6.9219
38.7666	7.3188	14.2473	7.4082	6.1360	14.2461	14.2491	14.2501	0.0027	-0.0082	7.8548	25.9409	-0.7346	25.3758	-23.3333	17.1304	0.1013	1.7466	0.0000	7.5820
38.7294	7.3151	14.2490	7.3323	8.0118	14.2409	14.2486	14.2524	-0.0003	-0.0016	7.9541	25.9391	-0.7184	25.3722	-23.3333	17.0598	0.1001	1.7463	0.0000	8.2422
38.6944	7.3107	14.2479	7.3535	6.1964	14.2531	14.2457	14.2530	-0.0021	0.0062	8.0032	25.9318	-0.7108	25.3652	-23.3333	17.8367	0.0996	1.7461	0.0000	8.9023
38.7381	7.3101	14.2462	7.4135	7.1965	14.2339	14.2474	14.2559	0.0021	-0.0022	7.7365	25.9554	-0.7251	25.3852	-23.3333	17.0598	0.1006	1.7469	0.0000	9.5625
38.7622	7.3095	14.2490	7.3829	6.1757	14.2409	14.2532	14.2495	0.0009	0.0026	7.5041	25.9509	-0.7318	25.3899	-23.3333	17.0598	0.1011	1.7473	0.0000	10.2227
38.7644	7.3120	14.2456	7.4058	6.2425	14.2391	14.2486	14.2501	-0.0003	-0.0040	7.2660	25.9600	-0.7318	25.3993	-23.3333	17.1304	0.1011	1.7471	0.0000	10.8203
38.6791	7.2964	14.2485	7.3429	8.8621	14.2548	14.2480	14.2541	0.0009	0.0002	7.1752	25.9673	-0.7337	25.4075	-23.3333	17.2010	0.1013	1.7471	0.0000	11.4805
38.4953	7.2703	14.2473	7.4199	7.6732	14.2461	14.2451	14.2536	0.0009	-0.0016	7.9096	25.9718	-0.7308	25.4087	-23.3333	16.8481	0.1011	1.7463	0.0000	12.1406
38.3312	7.2516	14.2421	7.3182	9.5202	14.2409	14.2509	14.2518	-0.0003	0.0008	8.4007	25.9909	-0.7318	25.4134	-23.3333	17.1304	0.1012	1.7452	0.0000	12.8008
38.2241	7.2317	14.2473	7.2765	8.9773	14.2391	14.2468	14.2495	-0.0015	-0.0040	8.4332	25.9873	-0.7365	25.4181	-23.3333	17.2716	0.1015	1.7452	0.0000	13.4609
38.2262	7.2299	14.2427	7.3153	6.3289	14.2461	14.2480	14.2512	-0.0015	-0.0040	8.3476	25.9909	-0.7270	25.4275	-23.3333	17.2010	0.1008	1.7454	0.0000	14.1211
38.2962	7.2423	14.2462	7.3170	7.1487	14.2409	14.2514	14.2512	0.0009	0.0056	7.7988	25.9991	-0.7270	25.4228	-23.3333	16.9186	0.1008	1.7454	0.0000	14.7813
38.3553	7.2498	14.2513	7.3111	6.2696	14.2409	14.2468	14.2512	0.0033	-0.0040	7.6600	26.0073	-0.7251	25.4287	-23.3333	17.0598	0.1007	1.7458	0.0000	15.4414

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42.5562	8.0257	14.2055	8.2909	9.3432	14.2177	14.2075	14.2062	-0.0044	0.0003	9.4096	14.2323	0.0042	14.2022	-23.3333	2.0665	0.0000	1.7473	0.0000	0.3906
42.5299	8.0169	14.2055	8.3103	8.3956	14.2107	14.2086	14.2127	-0.0117	0.0021	8.6946	14.2323	0.0032	14.2069	-23.3333	2.2045	0.0000	1.7476	0.0000	0.9414
42.4949	8.0138	14.2055	8.3203	9.3392	14.2212	14.2109	14.2121	-0.0002	0.0027	8.2029	14.2287	-0.0006	14.2069	-23.3333	2.3425	0.0000	1.7473	0.0000	1.4922
42.4490	8.0145	14.2101	8.2715	8.6846	14.2194	14.2104	14.2080	-0.0044	0.0038	7.7935	14.2368	0.0080	14.1927	-23.3333	2.2045	0.0000	1.7465	0.0000	2.0391
42.3921	8.0033	14.2078	8.2938	8.1566	14.2194	14.2132	14.2127	-0.0032	0.0003	7.5473	14.2232	0.0080	14.2127	-23.3333	2.1355	0.0000	1.7466	0.0000	2.5898
42.2171	7.9840	14.2107	8.3103	10.0169	14.2299	14.2046	14.2109	-0.0032	0.0068	7.5559	14.2359	0.0023	14.1986	-23.3333	2.2735	0.0000	1.7454	0.0000	3.1289
42.0290	7.9479	14.2107	8.2474	9.1492	14.2264	14.2046	14.2080	-0.0026	0.0027	7.9848	14.2368	0.0051	14.2022	-23.3333	2.1355	0.0000	1.7455	0.0000	3.6797
41.8518	7.9274	14.2107	8.1750	9.2713	14.2177	14.2086	14.2144	-0.0038	0.0110	7.6484	14.2368	0.0023	14.2116	-23.3333	2.0665	0.0000	1.7444	0.0000	4.2305
41.6462	7.8882	14.2113	8.1662	8.8113	14.2299	14.2092	14.2121	-0.0081	0.0038	8.8928	14.2332	0.0118	14.2092	-23.3333	2.0665	0.0000	1.7444	0.0000	4.7813
41.3815	7.8477	14.2084	8.1021	8.9471	14.2177	14.2109	14.2097	-0.0026	-0.0033	9.2554	14.2296	0.0032	14.2116	-23.3333	2.2735	0.0000	1.7436	0.0000	5.3320
41.1474	7.8204	14.2090	8.1233	9.5937	14.2229	14.2098	14.2103	-0.0032	-0.0033	8.9944	14.2350	0.0070	14.2127	-23.3333	2.2735	0.0000	1.7422	0.0000	5.8789
40.9790	7.7843	14.2026	8.0580	9.9806	14.2281	14.2075	14.2121	-0.0063	-0.0003	8.5975	14.2277	-0.0006	14.2163	-23.3333	2.2045	0.0000	1.7425	0.0000	6.4297
40.8805	7.7737	14.2061	8.0075	9.7129	14.2316	14.2132	14.2103	-0.0026	0.0050	8.6798	14.2296	0.0032	14.1927	-23.3333	2.2735	0.0000	1.7418	0.0000	6.9805
40.8062	7.7637	14.2130	8.0622	8.3823	14.2194	14.2075	14.2144	-0.0051	-0.0039	8.4736	14.2277	0.0013	14.2104	-23.3333	2.3425	0.0000	1.7415	0.0000	7.5313
40.7055	7.7463	14.2015	8.0539	9.2327	14.2264	14.2115	14.2115	-0.0026	0.0009	8.0031	14.2323	0.0013	14.2080	-23.3333	2.1355	0.0000	1.7413	0.0000	8.1289
40.5612	7.7245	14.2067	7.9875	7.7254	14.2125	14.2109	14.2092	0.0004	-0.0015	7.7889	14.2459	0.0051	14.2022	-23.3333	2.1355	0.0000	1.7408	0.0000	8.6797
40.3468	7.6878	14.2044	7.9446	9.1648	14.2142	14.2092	14.2080	-0.0051	0.0080	7.5593	14.2341	-0.0025	14.2045	-23.3333	2.2735	0.0000	1.7405	0.0000	9.2305
40.1215	7.6555	14.2096	7.9222	9.8499	14.2194	14.2104	14.2103	-0.0081	-0.0045	7.4543	14.2359	0.0051	14.1974	-23.3333	2.0665	0.0000	1.7396	0.0000	9.7813
39.9924	7.6350	14.2038	7.8481	8.1088	14.2229	14.2086	14.2138	-0.0069	0.0080	8.4000	14.2268	-0.0053	14.2069	-23.3333	2.3425	0.0000	1.7392	0.0000	10.3320
39.8349	7.6088	14.2049	7.9210	8.1739	14.2090	14.2040	14.2121	-0.0014	-0.0027	8.8494	14.2359	0.0042	14.2127	-23.3333	2.4115	0.0000	1.7389	0.0000	10.8789
39.7212	7.5895	14.2096	7.8658	7.3978	14.2107	14.2115	14.2115	-0.0020	0.0080	8.5821	14.2277	0.0070	14.2010	-23.3333	2.3425	0.0000	1.7387	0.0000	11.4297
39.5593	7.5615	14.2084	7.8246	7.1353	14.2246	14.2052	14.2115	-0.0044	0.0056	8.4896	14.2305	0.0042	14.2057	-23.3333	2.2735	0.0000	1.7384	0.0000	11.9805
39.3734	7.5317	14.2038	7.8329	8.5320	14.2194	14.2069	14.2097	-0.0111	-0.0015	8.1207	14.2268	0.0023	14.1986	-23.3333	2.0665	0.0000	1.7379	0.0000	12.5313
39.1852	7.5056	14.2032	7.7641	8.5815	14.2212	14.2098	14.2092	-0.0051	-0.0003	7.8432	14.2305	0.0023	14.1998	-23.3333	2.2735	0.0000	1.7370	0.0000	13.0820

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41.2220	7.8270	14.2125	8.0390	8.7935	14.2222	14.2134	14.2069	0.0032	-0.0010	9.2517	14.2052	-0.0005	14.2300	-23.3333	2.2045	0.0000	1.7428	0.0000	0.3789
41.0579	7.8002	14.2090	8.0725	8.7912	14.2257	14.2139	14.2098	0.0051	-0.0016	8.4465	14.2052	0.0061	14.2147	-23.3333	2.1355	0.0000	1.7424	0.0000	0.9297
40.9201	7.7816	14.2096	8.0360	9.8327	14.2170	14.2128	14.2063	-0.0004	0.0074	7.9377	14.2107	0.0014	14.1982	-23.3333	2.3425	0.0000	1.7418	0.0000	1.4805
40.7495	7.7498	14.2067	8.0002	9.8851	14.2118	14.2059	14.2075	0.0008	-0.0004	7.5271	14.1980	-0.0081	14.2135	-23.3333	1.9976	0.0000	1.7417	0.0000	2.0313
40.5788	7.7231	14.2096	7.9731	9.9674	14.2170	14.2099	14.2075	0.0044	-0.0064	7.2627	14.2061	-0.0043	14.2241	-23.3333	2.2045	0.0000	1.7412	0.0000	2.5820
40.3776	7.6945	14.2056	7.9343	9.2604	14.2083	14.2088	14.2086	0.0057	-0.0028	7.2684	14.2034	0.0014	14.2041	-23.3333	2.2735	0.0000	1.7404	0.0000	3.1289
40.2442	7.6739	14.2044	7.8784	7.9719	14.2222	14.2082	14.2057	0.0020	0.0038	7.6590	14.2116	-0.0024	14.2158	-23.3333	1.9976	0.0000	1.7400	0.0000	3.6797
40.0429	7.6447	14.2090	7.9061	7.7272	14.2083	14.2082	14.2040	0.0044	-0.0052	7.3215	14.2061	0.0052	14.2123	-23.3333	2.1355	0.0000	1.7392	0.0000	4.2188
39.8985	7.6148	14.2079	7.8749	8.6467	14.2066	14.2111	14.2115	-0.0004	-0.0004	8.5504	14.2043	-0.0043	14.2064	-23.3333	2.1355	0.0000	1.7394	0.0000	4.7695
39.7454	7.5962	14.2079	7.8126	8.3882	14.2083	14.2105	14.2034	0.0038	0.0002	8.8445	14.2034	-0.0024	14.2100	-23.3333	2.4115	0.0000	1.7385	0.0000	5.3203
39.5682	7.5719	14.2073	7.8449	8.5350	14.2101	14.2128	14.2069	0.0038	-0.0010	8.6350	14.2089	-0.0081	14.2017	-23.3333	2.4805	0.0000	1.7376	0.0000	5.8711
39.3801	7.5427	14.2044	7.7720	9.1222	14.2101	14.2128	14.2051	0.0014	-0.0046	8.2655	14.2043	-0.0024	14.1923	-23.3333	2.3425	0.0000	1.7371	0.0000	6.4219
39.2160	7.5159	14.2079	7.8032	9.2696	14.2083	14.2082	14.2080	0.0026	-0.0076	8.3306	14.1998	-0.0024	14.2076	-23.3333	2.1355	0.0000	1.7366	0.0000	7.0313
39.0082	7.4910	14.2108	7.7608	7.9235	14.2101	14.2111	14.2098	0.0008	0.0014	8.1141	14.2080	0.0004	14.2111	-23.3333	2.2735	0.0000	1.7353	0.0000	7.5820
38.9054	7.4692	14.2062	7.6703	8.4037	14.2153	14.2093	14.2075	-0.0004	0.0020	7.6853	14.2025	-0.0015	14.2100	-23.3333	2.0665	0.0000	1.7355	0.0000	8.1211
38.7764	7.4531	14.2090	7.7038	8.0917	14.2135	14.2111	14.2080	0.0014	-0.0034	7.4311	14.2061	-0.0034	14.2252	-23.3333	2.2735	0.0000	1.7347	0.0000	8.6719
38.6495	7.4300	14.2079	7.6403	8.8637	14.1892	14.2076	14.2028	-0.0004	-0.0052	7.2124	14.2043	0.0014	14.1958	-23.3333	2.0665	0.0000	1.7346	0.0000	9.2188
38.4942	7.4002	14.2067	7.6585	8.7923	14.2135	14.2076	14.2063	0.0020	-0.0004	7.1582	14.2061	0.0052	14.2158	-23.3333	2.6185	0.0000	1.7346	0.0000	9.7695
38.3914	7.3871	14.2038	7.6527	7.8907	14.2188	14.2070	14.2051	0.0057	0.0014	8.0645	14.2080	-0.0024	14.2017	-23.3333	2.2045	0.0000	1.7340	0.0000	10.3203
38.2514	7.3678	14.2079	7.6227	9.3980	14.2013	14.2019	14.2034	0.0020	0.0002	8.5487	14.2052	-0.0034	14.2229	-23.3333	2.2735	0.0000	1.7333	0.0000	10.8711
38.0698	7.3380	14.2119	7.6121	8.0870	14.2170	14.1944	14.2063	0.0020	-0.0106	8.2324	14.2034	-0.0005	14.2158	-23.3333	1.9976	0.0000	1.7329	0.0000	11.4219
37.8576	7.3050	14.2067	7.5433	8.3599	14.2135	14.2116	14.2075	0.0008	0.0014	8.1416	14.2052	-0.0024	14.2170	-23.3333	2.2735	0.0000	1.7322	0.0000	11.9688
37.6782	7.2807	14.2119	7.4686	8.1412	14.2205	14.2111	14.2092	0.0032	-0.0046	7.7635	14.2061	-0.0015	14.2111	-23.3333	2.1355	0.0000	1.7312	0.0000	12.5195
37.4857	7.2565	14.2079	7.5227	8.8488	14.2101	14.2065	14.2069	0.0063	-0.0034	7.5202	14.2043	0.0004	14.2076	-23.3333	2.1355	0.0000	1.7301	0.0000	13.0703

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43.7826	8.2099	14.2099	8.1943	8.4064	14.2036	14.2080	14.2098	0.0019	0.0019	9.6957	14.1877	0.0479	12.2415	-23.3333	1.9286	0.0000	1.7510	0.0000	0.3789
43.8701	8.2224	14.2048	8.1866	9.1417	14.2158	14.2075	14.2092	0.0037	0.0085	8.8511	14.1958	0.0565	12.2321	-23.3333	2.2735	0.0000	1.7513	0.0000	0.9297
43.7914	8.2180	14.2157	8.1890	8.9862	14.2106	14.2132	14.2092	0.0061	-0.0082	8.4262	14.1931	0.0660	12.2391	-23.3333	2.1355	0.0000	1.7505	0.0000	1.4766
43.5967	8.1900	14.2146	8.1878	8.8170	14.2106	14.2092	14.2104	0.0037	0.0002	8.0624	14.1922	0.0612	12.2191	-23.3333	2.0665	0.0000	1.7498	0.0000	2.0273
43.4282	8.1620	14.2094	8.1531	8.7168	14.2158	14.2069	14.2115	0.0079	-0.0082	7.8231	14.1858	0.0688	12.2274	-23.3333	2.0665	0.0000	1.7495	0.0000	2.5781
43.2073	8.1204	14.2076	8.0738	8.4398	14.2071	14.2057	14.2127	0.0043	-0.0040	7.8152	14.1922	0.0631	12.2085	-23.3333	2.0665	0.0000	1.7495	0.0000	3.1289
42.9820	8.0917	14.2105	8.0732	8.6172	14.2071	14.2092	14.2115	0.0031	-0.0052	8.3166	14.1877	0.0631	12.2062	-23.3333	2.2735	0.0000	1.7484	0.0000	3.6797
42.7479	8.0625	14.2082	7.9938	8.7703	14.2071	14.2103	14.2121	0.0019	0.0025	8.3674	14.1931	0.0498	12.1956	-23.3333	2.1355	0.0000	1.7472	0.0000	4.2266
42.4811	8.0246	14.2140	8.0349	8.5625	14.2053	14.2080	14.2092	-0.0012	0.0014	9.4764	14.1904	0.0660	12.1862	-23.3333	1.9286	0.0000	1.7462	0.0000	4.7773
42.2798	7.9847	14.2123	7.9961	8.9085	14.2053	14.2086	14.2080	0.0055	0.0008	9.0264	14.1886	0.0545	12.1779	-23.3333	2.1355	0.0000	1.7463	0.0000	5.3281
42.0851	7.9487	14.2105	7.9215	8.5435	14.2036	14.2069	14.2104	-0.0042	-0.0022	8.9996	14.1867	0.0526	12.1709	-23.3333	1.9976	0.0000	1.7463	0.0000	5.8672
41.8161	7.9219	14.2151	7.9303	8.0455	14.2245	14.2052	14.2086	0.0037	-0.0022	8.5650	14.1940	0.0622	12.1650	-23.3333	1.9976	0.0000	1.7443	0.0000	6.4180
41.6586	7.8908	14.2134	7.8668	8.6108	14.2001	14.2080	14.2121	0.0043	0.0031	8.4639	14.1913	0.0669	12.1509	-23.3333	2.2045	0.0000	1.7444	0.0000	6.9688
41.4661	7.8665	14.2134	7.8480	9.3743	14.2036	14.2103	14.2092	0.0061	0.0014	8.6792	14.1904	0.0669	12.1415	-23.3333	2.3425	0.0000	1.7434	0.0000	7.5195
41.2342	7.8267	14.2082	7.8527	8.7928	14.2019	14.2075	14.2080	-0.0018	-0.0046	8.3303	14.1940	0.0574	12.1426	-23.3333	2.2045	0.0000	1.7430	0.0000	8.0664
41.0351	7.7956	14.2134	7.7621	9.3069	14.2106	14.2103	14.2022	0.0061	0.0008	8.0236	14.1949	0.0641	12.1391	-23.3333	2.1355	0.0000	1.7425	0.0000	8.6172
40.8404	7.7595	14.2059	7.7086	9.1204	14.2036	14.2098	14.2080	-0.0054	-0.0034	7.7803	14.1913	0.0574	12.1309	-23.3333	1.9976	0.0000	1.7424	0.0000	9.1680
40.6370	7.7340	14.2128	7.6710	7.5900	14.2088	14.2069	14.2098	-0.0006	0.0073	7.6541	14.1958	0.0622	12.1250	-23.3333	2.0665	0.0000	1.7413	0.0000	9.7695
40.4423	7.6948	14.2111	7.6734	8.3276	14.2315	14.2144	14.2092	0.0019	0.0019	8.2760	14.1895	0.0574	12.1132	-23.3333	2.2735	0.0000	1.7414	0.0000	10.3164
40.2301	7.6743	14.2105	7.6669	8.3172	14.2036	14.2063	14.2086	-0.0024	0.0019	8.8174	14.1940	0.0603	12.0991	-23.3333	2.1355	0.0000	1.7397	0.0000	10.8672
40.0683	7.6525	14.2128	7.6410	7.5831	14.2088	14.2109	14.2115	0.0025	-0.0016	8.8813	14.1931	0.0688	12.1038	-23.3333	2.2735	0.0000	1.7389	0.0000	11.4180
39.8976	7.6164	14.2111	7.6210	7.9222	14.2053	14.2092	14.2109	0.0037	0.0008	8.8494	14.1940	0.0555	12.1062	-23.3333	2.2735	0.0000	1.7392	0.0000	11.9688
39.7073	7.5903	14.2088	7.5393	7.8871	14.2210	14.2063	14.2115	-0.0012	-0.0040	8.2457	14.1940	0.0650	12.1191	-23.3333	2.1355	0.0000	1.7384	0.0000	12.5195
39.5498	7.5592	14.2071	7.4987	8.2038	14.2088	14.2000	14.2086	-0.0024	-0.0034	8.0236	14.1931	0.0669	12.0944	-23.3333	2.2045	0.0000	1.7384	0.0000	13.0664

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41.9990	7.8743	14.2504	7.8804	9.6833	14.2514	14.2512	14.2487	0.0158	-0.0060	9.2261	14.2511	-0.0037	12.2569	-23.3333	1.1016	0.0000	1.7511	0.0000	0.3828
42.0865	7.8849	14.2515	7.9263	9.2094	14.2549	14.2494	14.2504	0.0189	0.0053	8.4432	14.2502	-0.0009	12.2463	-23.3333	1.1705	0.0000	1.7516	0.0000	0.9336
42.0296	7.8787	14.2481	7.8969	9.0390	14.2497	14.2529	14.2522	0.0171	-0.0037	8.0309	14.2547	0.0001	12.2416	-23.3333	1.3083	0.0000	1.7512	0.0000	1.5430
41.8721	7.8575	14.2504	7.8387	8.7264	14.2549	14.2535	14.2492	0.0146	-0.0055	7.7094	14.2520	-0.0066	12.2498	-23.3333	1.2394	0.0000	1.7505	0.0000	2.0898
41.7015	7.8233	14.2561	7.8063	8.5790	14.2567	14.2494	14.2492	0.0177	0.0011	7.5123	14.2511	0.0001	12.2569	-23.3333	1.1705	0.0000	1.7507	0.0000	2.6406
41.5746	7.8028	14.2544	7.8269	8.1011	14.2549	14.2529	14.2504	0.0122	0.0035	7.4804	14.2593	0.0049	12.2427	-23.3333	0.6196	0.0000	1.7504	0.0000	3.2422
41.3974	7.7810	14.2492	7.7887	8.6014	14.2601	14.2535	14.2510	0.0171	-0.0013	7.9161	14.2520	0.0001	12.2380	-23.3333	1.2394	0.0000	1.7495	0.0000	3.7930
41.2005	7.7499	14.2498	7.7364	7.9906	14.2532	14.2471	14.2528	0.0146	0.0035	7.9949	14.2520	0.0001	12.2180	-23.3333	1.3083	0.0000	1.7490	0.0000	4.3398
41.0168	7.7175	14.2515	7.6976	8.5629	14.2445	14.2483	14.2504	0.0189	-0.0013	9.1113	14.2511	0.0020	12.2157	-23.3333	1.2394	0.0000	1.7488	0.0000	4.8906
40.7871	7.6789	14.2573	7.6529	9.5508	14.2392	14.2471	14.2498	0.0152	-0.0037	8.5831	14.2547	0.0030	12.2004	-23.3333	1.2394	0.0000	1.7484	0.0000	5.4922
40.5662	7.6422	14.2533	7.7076	7.3112	14.2549	14.2471	14.2457	0.0146	0.0017	8.5763	14.2520	-0.0037	12.2027	-23.3333	1.2394	0.0000	1.7480	0.0000	6.0430
40.3824	7.6230	14.2538	7.6153	9.0125	14.2532	14.2500	14.2498	0.0025	-0.0037	8.1702	14.2520	0.0020	12.1957	-23.3333	1.1705	0.0000	1.7466	0.0000	6.5898
40.1724	7.5968	14.2504	7.6059	8.3579	14.2549	14.2483	14.2510	-0.0005	0.0047	8.0497	14.2475	0.0011	12.1863	-23.3333	1.1705	0.0000	1.7455	0.0000	7.2031
40.0456	7.5670	14.2527	7.5547	7.5265	14.2567	14.2512	14.2492	0.0134	-0.0001	8.2804	14.2438	0.0068	12.1792	-23.3333	1.2394	0.0000	1.7460	0.0000	7.7422
39.8793	7.5421	14.2515	7.5347	7.6635	14.2427	14.2529	14.2492	0.0158	-0.0013	7.9623	14.2493	0.0011	12.1721	-23.3333	1.1705	0.0000	1.7454	0.0000	8.2930
39.7152	7.5116	14.2521	7.5471	7.8196	14.2549	14.2529	14.2481	0.0098	-0.0096	7.6717	14.2575	-0.0009	12.1627	-23.3333	1.2394	0.0000	1.7454	0.0000	8.9023
39.5381	7.4886	14.2527	7.4953	7.7240	14.2514	14.2471	14.2510	0.0110	-0.0001	7.4267	14.2466	-0.0018	12.1686	-23.3333	1.1016	0.0000	1.7444	0.0000	9.4531
39.3762	7.4643	14.2498	7.4506	7.6146	14.2462	14.2471	14.2481	0.0152	0.0023	7.2993	14.2511	0.0020	12.1710	-23.3333	1.1705	0.0000	1.7439	0.0000	10.0000
39.2274	7.4376	14.2492	7.4830	7.7896	14.2567	14.2512	14.2510	0.0219	-0.0001	7.9578	14.2447	-0.0009	12.1510	-23.3333	1.3083	0.0000	1.7437	0.0000	10.6016
39.0809	7.4195	14.2498	7.4265	8.9843	14.2375	14.2471	14.2475	0.0152	0.0005	8.4855	14.2484	0.0058	12.1604	-23.3333	1.4461	0.0000	1.7429	0.0000	11.1523
38.9124	7.3984	14.2504	7.3777	7.1442	14.2462	14.2489	14.2516	0.0086	0.0029	8.5711	14.2529	-0.0028	12.1486	-23.3333	1.3083	0.0000	1.7419	0.0000	11.7031
38.7702	7.3704	14.2533	7.3924	8.2663	14.2462	14.2506	14.2446	0.0104	0.0029	8.4552	14.2493	0.0020	12.1451	-23.3333	1.1016	0.0000	1.7420	0.0000	12.2500
38.6149	7.3511	14.2458	7.3536	8.0234	14.2375	14.2471	14.2492	0.0013	0.0041	7.8498	14.2529	-0.0037	12.1357	-23.3333	1.2394	0.0000	1.7411	0.0000	12.8516
38.4684	7.3312	14.2475	7.3083	7.5570	14.2689	14.2523	14.2516	0.0013	-0.0007	7.6842	14.2575	0.0049	12.1321	-23.3333	1.1016	0.0000	1.7404	0.0000	13.4023

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38.0519	7.2606	14.2523	7.1793	8.0992	14.2456	14.2482	14.2471	0.0018	0.0034	8.5192	15.9629	-0.3055	15.7100	-23.3333	21.3818	0.0512	1.7396	0.0000	0.3906
37.8332	7.2339	14.2500	7.1240	7.3455	14.2543	14.2528	14.2459	0.0018	0.0052	7.7300	15.9739	-0.3140	15.7406	-23.3333	21.5241	0.0519	1.7382	0.0000	1.0508
37.6254	7.1984	14.2454	7.1311	8.5425	14.2577	14.2522	14.2506	-0.0037	0.0040	7.3120	15.9848	-0.3207	15.7583	-23.3333	21.3818	0.0525	1.7378	0.0000	1.7109
37.4241	7.1661	14.2511	7.0811	7.8890	14.2508	14.2539	14.2529	0.0000	0.0064	7.0105	15.9966	-0.3083	15.7759	-23.3333	21.2396	0.0515	1.7372	0.0000	2.3125
37.2557	7.1430	14.2488	7.0847	6.9408	14.2438	14.2459	14.2471	0.0048	0.0040	6.8112	15.9993	-0.3150	15.7688	-23.3333	21.3107	0.0520	1.7364	0.0000	2.9727
37.0829	7.1163	14.2442	6.9847	6.9851	14.2595	14.2539	14.2500	0.0030	-0.0038	6.7906	15.9975	-0.3140	15.7724	-23.3333	21.3818	0.0519	1.7358	0.0000	3.6328
36.8969	7.0895	14.2523	6.9341	7.1826	14.2490	14.2493	14.2512	0.0030	0.0028	7.2629	15.9902	-0.3064	15.7641	-23.3333	21.2396	0.0513	1.7350	0.0000	4.2891
36.7307	7.0671	14.2500	6.9506	6.8406	14.2438	14.2499	14.2477	0.0012	-0.0002	7.6055	15.9911	-0.3150	15.7618	-23.3333	21.3818	0.0520	1.7341	0.0000	4.9492
36.5863	7.0441	14.2517	6.9194	7.5971	14.2595	14.2487	14.2477	-0.0019	0.0028	8.0989	15.9857	-0.3102	15.7583	-23.3333	21.2396	0.0516	1.7336	0.0000	5.5508
36.3719	7.0142	14.2511	6.8877	5.9626	14.2473	14.2499	14.2506	-0.0006	0.0004	7.4274	15.9839	-0.3121	15.7547	-23.3333	21.3818	0.0518	1.7326	0.0000	6.2109
36.2013	6.9881	14.2494	6.8548	6.8884	14.2403	14.2533	14.2500	0.0006	0.0022	7.5359	15.9784	-0.3140	15.7371	-23.3333	21.2396	0.0519	1.7319	0.0000	6.8711
36.0307	6.9626	14.2465	6.8548	6.5913	14.2543	14.2528	14.2477	-0.0006	0.0010	7.2909	15.9839	-0.3083	15.7571	-23.3333	21.2396	0.0514	1.7312	0.0000	7.5313
35.8316	6.9359	14.2529	6.8330	7.0341	14.2456	14.2505	14.2506	0.0012	-0.0026	7.1555	15.9866	-0.3064	15.7477	-23.3333	21.4530	0.0513	1.7301	0.0000	8.1328
35.6873	6.9104	14.2511	6.7507	6.8798	14.2508	14.2505	14.2471	0.0000	-0.0020	7.1709	15.9930	-0.3131	15.7677	-23.3333	21.5953	0.0519	1.7299	0.0000	8.7891
35.5363	6.8824	14.2500	6.7789	6.4301	14.2299	14.2499	14.2494	0.0012	-0.0032	7.3046	15.9920	-0.3112	15.7383	-23.3333	21.3107	0.0517	1.7297	0.0000	9.4492
35.4051	6.8606	14.2506	6.7119	6.7566	14.2421	14.2528	14.2518	0.0054	0.0022	7.0059	15.9802	-0.3102	15.7347	-23.3333	21.4530	0.0516	1.7294	0.0000	10.1094
35.3591	6.8587	14.2500	6.7577	6.6454	14.2490	14.2528	14.2488	0.0048	0.0028	6.8477	15.9657	-0.3036	15.7288	-23.3333	21.3818	0.0510	1.7287	0.0000	10.7109
35.3963	6.8624	14.2471	6.7771	6.8976	14.2543	14.2510	14.2494	0.0042	-0.0002	6.6890	15.9466	-0.3064	15.6994	-23.3333	21.3818	0.0512	1.7290	0.0000	11.3711
35.4444	6.8743	14.2494	6.7948	6.6431	14.2386	14.2459	14.2535	-0.0019	0.0070	7.0761	15.9384	-0.3131	15.7077	-23.3333	21.3818	0.0518	1.7288	0.0000	12.0313
35.4948	6.8792	14.2488	6.7895	6.6558	14.2490	14.2493	14.2459	0.0108	0.0004	7.8608	15.9411	-0.3093	15.7265	-23.3333	21.3818	0.0515	1.7293	0.0000	12.6914
35.5560	6.8786	14.2506	6.7883	6.3996	14.2525	14.2499	14.2482	-0.0006	0.0034	8.0647	15.9429	-0.3045	15.7206	-23.3333	21.3107	0.0511	1.7305	0.0000	13.3516
35.5166	6.8848	14.2506	6.7601	6.4808	14.2508	14.2522	14.2447	0.0072	0.0034	7.8705	15.9375	-0.3026	15.7135	-23.3333	21.5241	0.0509	1.7291	0.0000	13.9492
35.4116	6.8531	14.2511	6.7583	6.9822	14.2421	14.2453	14.2512	0.0199	0.0016	7.1487	15.9402	-0.3121	15.7194	-23.3333	21.3818	0.0517	1.7302	0.0000	14.6094
35.2257	6.8338	14.2523	6.7119	7.2528	14.2525	14.2510	14.2518	0.0181	0.0028	7.1812	15.9266	-0.3007	15.6982	-23.3333	21.3107	0.0507	1.7286	0.0000	15.2695

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39.0976	7.4258	14.2483	7.2499	7.0435	14.2514	14.2473	14.2506	0.0122	0.0009	8.2699	22.6588	-0.8396	22.0449	-23.3333	21.2396	0.1015	1.7426	0.0000	0.3789
39.1719	7.4426	14.2535	7.2199	6.9974	14.2549	14.2473	14.2506	0.0062	0.0063	7.7079	22.6970	-0.8319	22.0708	-23.3333	21.3818	0.1011	1.7424	0.0000	1.0391
39.0932	7.4295	14.2472	7.2240	7.0297	14.2305	14.2507	14.2494	-0.0089	-0.0045	7.3790	22.7224	-0.8358	22.1073	-23.3333	21.3818	0.1014	1.7422	0.0000	1.6992
38.8919	7.4022	14.2535	7.2416	6.9358	14.2549	14.2501	14.2500	0.0031	0.0063	7.1226	22.7524	-0.8329	22.1167	-23.3333	21.3818	0.1012	1.7412	0.0000	2.3594
38.6820	7.3673	14.2524	7.2128	7.1765	14.2618	14.2524	14.2512	-0.0095	-0.0021	6.9924	22.7479	-0.8386	22.1085	-23.3333	21.3818	0.1016	1.7408	0.0000	2.9609
38.4763	7.3331	14.2483	7.1517	6.8316	14.2566	14.2501	14.2529	0.0013	-0.0003	6.9884	22.7479	-0.8396	22.1214	-23.3333	21.1685	0.1016	1.7403	0.0000	3.6211
38.2488	7.2995	14.2477	7.1381	7.1097	14.2653	14.2496	14.2453	-0.0150	0.0003	7.7034	22.7124	-0.8377	22.0944	-23.3333	21.3818	0.1015	1.7394	0.0000	4.2813
38.0454	7.2715	14.2495	7.0940	6.7994	14.2531	14.2455	14.2488	0.0031	0.0068	8.4195	22.7070	-0.8415	22.0708	-23.3333	21.2396	0.1017	1.7385	0.0000	4.9414
37.8398	7.2329	14.2489	7.0823	6.5904	14.2531	14.2501	14.2471	-0.0071	-0.0021	7.8850	22.6988	-0.8358	22.0555	-23.3333	21.3818	0.1013	1.7384	0.0000	5.6016
37.6516	7.2056	14.2483	7.0505	6.7879	14.2409	14.2484	14.2506	0.0056	-0.0033	7.5063	22.6942	-0.8348	22.0579	-23.3333	21.2396	0.1012	1.7376	0.0000	6.2617
37.4920	7.1900	14.2489	6.9923	6.8017	14.2531	14.2536	14.2500	-0.0041	0.0027	7.6337	22.6797	-0.8424	22.0567	-23.3333	21.1685	0.1017	1.7362	0.0000	6.9219
37.3279	7.1614	14.2506	7.0164	7.2669	14.2531	14.2530	14.2453	0.0158	0.0009	7.3687	22.6661	-0.8310	22.0414	-23.3333	21.0263	0.1009	1.7360	0.0000	7.5820
37.2142	7.1465	14.2529	6.9806	6.7660	14.2409	14.2450	14.2506	0.0128	-0.0015	7.3202	22.6633	-0.8424	22.0379	-23.3333	21.4530	0.1016	1.7353	0.0000	8.2305
37.0370	7.1060	14.2529	6.9465	6.6952	14.2375	14.2507	14.2512	0.0122	0.0021	7.0409	22.6379	-0.8358	21.9932	-23.3333	21.3107	0.1012	1.7359	0.0000	8.8906
36.8751	7.0905	14.2454	6.9300	6.6307	14.2409	14.2496	14.2459	0.0140	0.0074	7.4784	22.5651	-0.8243	21.9285	-23.3333	21.3818	0.1003	1.7345	0.0000	9.5508
36.7417	7.0712	14.2518	6.9141	7.0274	14.2462	14.2478	14.2512	0.0050	0.0003	7.1620	22.5024	-0.8215	21.8767	-23.3333	21.2396	0.1000	1.7339	0.0000	10.1602
36.5907	7.0519	14.2466	6.9171	6.6324	14.2444	14.2507	14.2488	0.0146	-0.0009	7.0523	22.4469	-0.8196	21.8390	-23.3333	21.3818	0.0998	1.7330	0.0000	10.8203
36.4507	7.0283	14.2495	6.8600	6.6963	14.2653	14.2450	14.2482	-0.0029	-0.0003	6.8028	22.4469	-0.8262	21.8214	-23.3333	21.3107	0.1002	1.7327	0.0000	11.4805
36.3020	7.0052	14.2524	6.8342	6.4614	14.2427	14.2524	14.2471	-0.0053	-0.0015	7.0261	22.4487	-0.8129	21.8273	-23.3333	21.5953	0.0993	1.7321	0.0000	12.1289
36.0985	6.9704	14.2501	6.8054	6.5990	14.2462	14.2461	14.2482	0.0134	0.0027	7.8753	22.4778	-0.8224	21.8520	-23.3333	21.3107	0.1000	1.7317	0.0000	12.7891
35.9235	6.9455	14.2524	6.7736	6.5132	14.2531	14.2496	14.2488	0.0050	0.0057	8.1905	22.4778	-0.8224	21.8484	-23.3333	21.3107	0.1000	1.7309	0.0000	13.4492
35.7157	6.9088	14.2529	6.7583	6.5697	14.2514	14.2507	14.2512	0.0068	0.0110	7.8541	22.4851	-0.8272	21.8484	-23.3333	21.3107	0.1003	1.7305	0.0000	14.1094
35.5123	6.8864	14.2535	6.7319	6.4217	14.2566	14.2478	14.2529	0.0140	-0.0015	7.1803	22.4906	-0.8234	21.8496	-23.3333	21.3107	0.1001	1.7289	0.0000	14.7695
35.3176	6.8541	14.2466	6.7036	6.4401	14.2531	14.2496	14.2500	0.0086	0.0009	7.1460	22.4851	-0.8196	21.8555	-23.3333	21.3818	0.0998	1.7284	0.0000	15.4297

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44.5832	8.3159	14.1217	8.3585	11.0319	14.1238	14.1235	14.1232	0.0052	-0.0044	9.2809	14.1231	-0.0109	12.2962	-23.3333	1.7907	0.0000	1.7545	0.0000	0.3828
46.0029	8.4827	14.1212	8.5837	9.3599	14.1255	14.1184	14.1232	0.0028	-0.0062	8.8092	14.1277	0.0043	12.3397	-23.3333	1.8597	0.0000	1.7621	0.0000	0.9336
45.8498	8.4497	14.1212	8.5126	9.5942	14.1133	14.1224	14.1202	0.0028	-0.0026	8.5026	14.1140	-0.0014	12.2868	-23.3333	1.7907	0.0000	1.7624	0.0000	1.4805
44.7582	8.2923	14.1183	8.3115	9.4445	14.1046	14.1207	14.1179	0.0022	0.0016	8.1428	14.1267	-0.0014	12.2268	-23.3333	1.9976	0.0000	1.7590	0.0000	2.0313
43.7520	8.1461	14.1240	8.1663	8.9005	14.1238	14.1241	14.1220	0.0016	-0.0044	7.9012	14.1249	-0.0052	12.1915	-23.3333	1.9286	0.0000	1.7557	0.0000	2.5820
42.3957	7.9389	14.1212	7.9287	8.9615	14.1203	14.1207	14.1237	0.0022	-0.0026	7.8590	14.1213	0.0024	12.0950	-23.3333	1.7218	0.0000	1.7519	0.0000	3.1328
40.7485	7.6782	14.1171	7.6994	7.8549	14.0942	14.1230	14.1249	0.0004	0.0028	8.0166	14.1267	-0.0062	12.0809	-23.3333	1.8597	0.0000	1.7478	0.0000	3.6836
40.7835	7.6851	14.1223	7.7512	8.7133	14.1151	14.1212	14.1214	0.0016	-0.0098	8.0811	14.1240	-0.0062	12.1562	-23.3333	1.7907	0.0000	1.7478	0.0000	4.2305
43.5529	8.1044	14.1258	8.2139	8.8095	14.1272	14.1184	14.1226	0.0088	-0.0032	9.3860	14.1231	-0.0005	12.2185	-23.3333	1.7907	0.0000	1.7561	0.0000	4.7734
44.3601	8.2232	14.1188	8.2545	10.3375	14.1116	14.1201	14.1249	0.0046	-0.0068	9.1422	14.1213	-0.0052	12.2362	-23.3333	1.8597	0.0000	1.7586	0.0000	5.3203
43.9248	8.1616	14.1240	8.1845	10.7181	14.1151	14.1224	14.1243	0.0034	0.0004	9.1930	14.1195	-0.0014	12.1879	-23.3333	1.9286	0.0000	1.7570	0.0000	5.8711
42.9207	8.0042	14.1217	8.0446	8.5285	14.1255	14.1195	14.1214	0.0028	-0.0110	8.6676	14.1167	-0.0033	12.1503	-23.3333	1.8597	0.0000	1.7546	0.0000	6.4805
42.0085	7.8705	14.1263	7.8841	8.9229	14.1203	14.1172	14.1214	-0.0008	-0.0044	8.5008	14.1158	0.0043	12.1126	-23.3333	1.7907	0.0000	1.7516	0.0000	7.0313
41.3020	7.7653	14.1223	7.7688	8.2746	14.1238	14.1207	14.1243	0.0046	-0.0026	8.6373	14.1158	0.0100	12.0820	-23.3333	1.9976	0.0000	1.7493	0.0000	7.5820
39.8276	7.5389	14.1212	7.5166	7.8923	14.1272	14.1195	14.1237	0.0016	0.0004	8.1433	14.1213	0.0024	12.0362	-23.3333	1.8597	0.0000	1.7448	0.0000	8.1328
39.1342	7.4257	14.1217	7.4402	7.8998	14.1203	14.1212	14.1226	0.0070	-0.0086	7.7487	14.1167	0.0014	12.0162	-23.3333	1.8597	0.0000	1.7432	0.0000	8.6719
40.2695	7.6073	14.1229	7.6730	7.9574	14.1133	14.1230	14.1179	0.0058	-0.0020	7.5140	14.1277	-0.0052	12.1244	-23.3333	1.8597	0.0000	1.7461	0.0000	9.2227
42.2667	7.9003	14.1183	7.9317	8.5890	14.1151	14.1235	14.1255	0.0040	-0.0038	7.5340	14.1158	0.0034	12.1668	-23.3333	1.6528	0.0000	1.7531	0.0000	9.7734
42.6954	7.9669	14.1235	7.9823	8.4347	14.1081	14.1218	14.1226	0.0040	-0.0056	8.4123	14.1222	-0.0081	12.1515	-23.3333	1.9976	0.0000	1.7543	0.0000	10.3203
42.0370	7.8593	14.1240	7.8100	8.7237	14.1168	14.1218	14.1249	0.0010	-0.0104	8.9708	14.1267	-0.0024	12.1150	-23.3333	1.8597	0.0000	1.7530	0.0000	10.8711
40.7398	7.6608	14.1223	7.6224	7.8831	14.1220	14.1224	14.1232	0.0040	-0.0014	8.9725	14.1204	-0.0071	12.0703	-23.3333	1.8597	0.0000	1.7492	0.0000	11.4219
39.4273	7.4704	14.1200	7.4737	8.3541	14.1063	14.1172	14.1249	0.0034	-0.0014	8.7607	14.1195	0.0053	12.0315	-23.3333	1.7907	0.0000	1.7442	0.0000	11.9727
38.6048	7.3435	14.1206	7.2926	7.1830	14.1133	14.1195	14.1197	0.0016	-0.0050	8.0303	14.1240	0.0053	12.0009	-23.3333	1.8597	0.0000	1.7416	0.0000	12.5234
38.2548	7.2888	14.1200	7.2673	7.9182	14.1255	14.1155	14.1232	-0.0002	0.0022	7.7573	14.1213	0.0024	12.0032	-23.3333	1.9286	0.0000	1.7405	0.0000	13.0703

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38.7806	7.3686	14.1179	7.2728	7.7513	14.1190	14.1183	14.1218	0.0038	0.0009	8.5086	15.7081	-0.3020	15.4884	-23.3333	24.6640	0.0505	1.7423	0.0000	0.3906
38.5596	7.3357	14.1179	7.2287	7.2233	14.1155	14.1240	14.1166	-0.0071	-0.0039	7.7114	15.6763	-0.2963	15.4543	-23.3333	24.5209	0.0499	1.7415	0.0000	0.9922
38.3387	7.3008	14.1168	7.1393	7.2279	14.1242	14.1217	14.1212	-0.0011	0.0045	7.2865	15.6081	-0.3001	15.3825	-23.3333	24.5925	0.0502	1.7409	0.0000	1.6523
38.1265	7.2716	14.1191	7.1593	7.3160	14.1224	14.1252	14.1218	-0.0017	0.0039	6.9656	15.6417	-0.3001	15.4249	-23.3333	24.5925	0.0502	1.7399	0.0000	2.3086
37.9099	7.2349	14.1150	7.1952	7.6119	14.1155	14.1223	14.1195	0.0001	-0.0051	6.7657	15.6408	-0.2934	15.4390	-23.3333	24.5925	0.0496	1.7394	0.0000	2.9219
37.7065	7.2075	14.1191	7.1017	7.7092	14.1277	14.1217	14.1195	0.0020	0.0015	6.7183	15.6499	-0.2972	15.4390	-23.3333	24.5925	0.0500	1.7384	0.0000	3.5703
37.4834	7.1708	14.1202	7.0253	7.2297	14.1259	14.1200	14.1201	-0.0035	-0.0039	7.1855	15.6535	-0.3048	15.4308	-23.3333	24.5925	0.0506	1.7378	0.0000	4.2305
37.2449	7.1304	14.1174	7.0200	7.7277	14.1259	14.1206	14.1166	0.0001	-0.0045	7.4550	15.6544	-0.3029	15.4272	-23.3333	24.5925	0.0505	1.7374	0.0000	4.8398
36.9912	7.0961	14.1225	7.0147	6.8761	14.1155	14.1200	14.1218	0.0032	-0.0039	8.0318	15.6599	-0.2972	15.4331	-23.3333	24.7356	0.0500	1.7360	0.0000	5.5000
36.7703	7.0557	14.1214	6.9606	6.9153	14.1190	14.1246	14.1224	-0.0005	-0.0081	7.3505	15.6590	-0.2953	15.4425	-23.3333	24.5925	0.0498	1.7358	0.0000	6.1602
36.5034	7.0234	14.1191	6.9106	7.2274	14.1224	14.1177	14.1183	-0.0011	0.0009	7.4721	15.6653	-0.2953	15.4519	-23.3333	24.5925	0.0498	1.7341	0.0000	6.7617
36.3131	6.9854	14.1185	6.8483	7.0143	14.1190	14.1234	14.1160	-0.0089	0.0045	7.1592	15.6699	-0.3077	15.4425	-23.3333	24.5925	0.0509	1.7342	0.0000	7.4219
36.1468	6.9587	14.1225	6.8918	7.0057	14.1190	14.1229	14.1230	-0.0005	-0.0063	6.9924	15.6772	-0.2963	15.4637	-23.3333	24.5209	0.0499	1.7337	0.0000	8.0820
35.9499	6.9300	14.1185	6.7819	6.9585	14.1172	14.1211	14.1201	-0.0011	-0.0075	7.1038	15.6844	-0.3029	15.4637	-23.3333	24.4493	0.0505	1.7328	0.0000	8.6797
35.7728	6.9045	14.1214	6.8265	6.5221	14.1259	14.1200	14.1218	0.0008	0.0009	7.1364	15.6753	-0.3067	15.4508	-23.3333	24.8072	0.0508	1.7320	0.0000	9.3398
35.6240	6.8778	14.1162	6.8324	6.9936	14.1190	14.1211	14.1206	0.0020	0.0087	6.8588	15.6744	-0.3020	15.4602	-23.3333	24.5209	0.0504	1.7318	0.0000	10.0000
35.5759	6.8728	14.1202	6.7413	7.1162	14.1381	14.1206	14.1201	0.0026	-0.0027	6.6823	15.6844	-0.3001	15.4543	-23.3333	24.7356	0.0503	1.7314	0.0000	10.6094
35.7006	6.8971	14.1202	6.7813	6.6643	14.1294	14.1223	14.1218	0.0008	0.0003	6.5373	15.6853	-0.2982	15.4566	-23.3333	24.5925	0.0501	1.7314	0.0000	11.2617
35.8559	6.9176	14.1208	6.8571	6.4029	14.1259	14.1223	14.1212	-0.0053	0.0033	6.9884	15.6781	-0.3077	15.4637	-23.3333	24.4493	0.0509	1.7323	0.0000	11.9219
36.0703	6.9431	14.1174	6.9083	7.0483	14.1224	14.1234	14.1201	0.0044	0.0015	7.7537	15.6763	-0.2982	15.4708	-23.3333	24.6640	0.0501	1.7338	0.0000	12.5313
36.3065	6.9773	14.1150	6.9224	7.0034	14.1224	14.1188	14.1195	0.0026	-0.0003	7.9518	15.6853	-0.2982	15.4743	-23.3333	24.4493	0.0501	1.7348	0.0000	13.1914
36.5384	7.0227	14.1197	6.9300	7.0408	14.1242	14.1183	14.1189	0.0001	-0.0015	7.8565	15.6872	-0.3039	15.4672	-23.3333	24.5925	0.0506	1.7348	0.0000	13.8516
36.7615	7.0501	14.1197	7.0141	7.2112	14.1312	14.1217	14.1195	0.0032	-0.0003	7.2094	15.6917	-0.2991	15.4696	-23.3333	24.4493	0.0502	1.7362	0.0000	14.4492
36.8906	7.0700	14.1179	6.9324	7.0310	14.1172	14.1211	14.1195	-0.0011	0.0033	7.2306	15.6899	-0.2953	15.4602	-23.3333	24.5925	0.0499	1.7367	0.0000	15.1094

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43.5895	8.1077	14.1183	7.9338	7.8826	14.1160	14.1237	14.1220	0.0010	0.0026	9.2593	22.5156	-0.8341	21.8909	-23.3333	24.6640	0.1008	1.7564	0.0000	0.3906
43.4014	8.0860	14.1166	7.8632	8.0139	14.1142	14.1186	14.1185	0.0022	-0.0075	8.4855	22.5338	-0.8303	21.9003	-23.3333	24.5925	0.1006	1.7553	0.0000	0.9922
43.1739	8.0530	14.1229	7.8244	7.9719	14.1247	14.1203	14.1197	-0.0033	-0.0045	8.0868	22.5519	-0.8417	21.9309	-23.3333	24.6640	0.1013	1.7545	0.0000	1.6523
42.8983	8.0169	14.1183	7.7932	8.1722	14.1299	14.1169	14.1185	-0.0021	0.0008	7.7648	22.5729	-0.8379	21.9497	-23.3333	24.5209	0.1012	1.7533	0.0000	2.3125
42.6948	7.9715	14.1178	7.7897	7.9091	14.1038	14.1214	14.1209	-0.0021	0.0044	7.5883	22.5838	-0.8379	21.9568	-23.3333	24.5925	0.1012	1.7539	0.0000	2.9727
42.3995	7.9317	14.1166	7.7162	7.8090	14.1264	14.1174	14.1226	-0.0021	0.0062	7.5443	22.5747	-0.8322	21.9486	-23.3333	24.3778	0.1008	1.7526	0.0000	3.6328
42.1480	7.8931	14.1131	7.7397	7.7807	14.1264	14.1180	14.1191	-0.0009	-0.0021	8.2193	22.5774	-0.8389	21.9509	-23.3333	24.5925	0.1012	1.7519	0.0000	4.2305
41.8658	7.8471	14.1183	7.6721	8.2799	14.1003	14.1214	14.1215	-0.0045	-0.0015	8.7773	22.5701	-0.8293	21.9462	-23.3333	24.7356	0.1006	1.7513	0.0000	4.8906
41.5814	7.8128	14.1189	7.6415	7.7744	14.1264	14.1232	14.1174	-0.0081	-0.0009	8.7219	22.5638	-0.8284	21.9321	-23.3333	24.5925	0.1006	1.7497	0.0000	5.5508
41.3167	7.7668	14.1183	7.5957	6.9511	14.1212	14.1180	14.1191	0.0022	0.0020	8.1651	22.5356	-0.8408	21.8909	-23.3333	24.4493	0.1013	1.7494	0.0000	6.2109
41.0302	7.7282	14.1189	7.5586	7.4508	14.1212	14.1151	14.1220	0.0058	-0.0021	8.2993	22.5137	-0.8303	21.8686	-23.3333	24.5925	0.1006	1.7481	0.0000	6.8203
40.7655	7.6841	14.1166	7.5251	7.3144	14.1125	14.1232	14.1215	0.0010	-0.0021	8.0097	22.4737	-0.8217	21.8427	-23.3333	24.5925	0.0999	1.7476	0.0000	7.4727
40.4877	7.6386	14.1201	7.4540	7.1871	14.1195	14.1203	14.1180	-0.0003	-0.0027	7.8247	22.4656	-0.8293	21.8403	-23.3333	24.7356	0.1004	1.7470	0.0000	8.1328
40.2449	7.6057	14.1120	7.4210	7.8694	14.1299	14.1209	14.1244	0.0016	0.0026	7.5546	22.4646	-0.8455	21.8391	-23.3333	24.5925	0.1014	1.7459	0.0000	8.7930
39.9649	7.5603	14.1195	7.3817	7.1428	14.1264	14.1214	14.1185	0.0010	-0.0009	8.0252	22.4428	-0.8255	21.8191	-23.3333	24.5209	0.1001	1.7452	0.0000	9.4492
39.7067	7.5111	14.1166	7.3258	7.1918	14.1108	14.1169	14.1215	-0.0039	-0.0027	7.6660	22.4419	-0.8351	21.8156	-23.3333	24.5209	0.1007	1.7453	0.0000	10.0625
39.4333	7.4756	14.1189	7.3011	7.2568	14.1177	14.1232	14.1197	0.0016	-0.0027	7.4712	22.4392	-0.8284	21.8191	-23.3333	24.5209	0.1003	1.7438	0.0000	10.7109
39.1817	7.4277	14.1166	7.2776	6.9545	14.1160	14.1209	14.1180	0.0016	0.0044	7.1948	22.4483	-0.8341	21.8085	-23.3333	24.7356	0.1007	1.7438	0.0000	11.3711
38.8799	7.3954	14.1183	7.2264	7.1774	14.1247	14.1214	14.1232	0.0028	-0.0021	7.4627	22.4219	-0.8332	21.8074	-23.3333	24.4493	0.1005	1.7416	0.0000	12.0313
38.6917	7.3599	14.1212	7.1870	7.3979	14.1247	14.1203	14.1174	0.0003	-0.0015	8.2165	22.3746	-0.8255	21.7415	-23.3333	24.4493	0.1000	1.7416	0.0000	12.6914
38.4227	7.3139	14.1206	7.1547	6.9189	14.1125	14.1220	14.1191	0.0022	-0.0063	8.5546	22.3573	-0.8303	21.7450	-23.3333	24.3063	0.1002	1.7411	0.0000	13.3008
38.1821	7.2846	14.1212	7.1135	7.0398	14.1299	14.1220	14.1168	0.0022	-0.0027	8.2924	22.3564	-0.8227	21.7332	-23.3333	24.5925	0.0997	1.7396	0.0000	13.9609
37.9633	7.2454	14.1189	7.0971	6.8221	14.1264	14.1186	14.1209	0.0046	-0.0003	7.5289	22.3537	-0.8227	21.7179	-23.3333	24.6640	0.0997	1.7394	0.0000	14.6094
37.7052	7.2025	14.1183	7.0395	6.7294	14.1299	14.1180	14.1197	0.0010	-0.0087	7.5049	22.3583	-0.8312	21.7332	-23.3333	24.4493	0.1003	1.7388	0.0000	15.2695

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44.7122	8.4943	14.2107	8.7329	8.5278	14.2142	14.2203	14.2222	0.0018	-0.0047	10.0348	14.2174	-0.0030	14.2167	-23.3333	2.1355	0.0000	1.7424	0.0000	0.3906
44.5657	8.4769	14.2147	8.6923	8.3579	14.2125	14.2185	14.2257	-0.0073	0.0001	9.1097	14.2201	0.0018	14.2473	-23.3333	1.9976	0.0000	1.7416	0.0000	0.9414
44.4257	8.4539	14.2170	8.7241	7.9785	14.2142	14.2139	14.2204	-0.0030	0.0012	8.5894	14.2128	0.0018	14.2344	-23.3333	2.1355	0.0000	1.7413	0.0000	1.4883
44.2266	8.4290	14.2153	8.6441	7.8835	14.2125	14.2151	14.2187	-0.0018	-0.0095	8.1731	14.2137	0.0037	14.2344	-23.3333	1.9976	0.0000	1.7403	0.0000	2.0391
44.0166	8.3929	14.2188	8.6647	7.9940	14.2055	14.2151	14.2216	-0.0024	-0.0083	7.9104	14.2237	-0.0011	14.2144	-23.3333	1.9976	0.0000	1.7400	0.0000	2.5781
43.8154	8.3556	14.2095	8.6324	8.3309	14.2177	14.2226	14.2175	-0.0067	0.0042	7.8979	14.2210	0.0037	14.2249	-23.3333	1.9286	0.0000	1.7399	0.0000	3.1289
43.6076	8.3301	14.2049	8.5312	8.6308	14.2194	14.2231	14.2245	-0.0012	-0.0029	8.3079	14.2237	0.0085	14.2202	-23.3333	1.9976	0.0000	1.7388	0.0000	3.6797
43.4501	8.3040	14.2344	8.5248	8.2652	14.2125	14.2185	14.2187	0.0012	-0.0005	7.9327	14.2183	0.0018	14.2226	-23.3333	2.0665	0.0000	1.7385	0.0000	4.2305
43.2598	8.2797	14.2136	8.4877	8.6861	14.2072	14.2214	14.2227	0.0012	-0.0035	9.2519	14.2210	0.0066	14.2320	-23.3333	1.9286	0.0000	1.7375	0.0000	4.7813
43.0519	8.2498	14.2095	8.4924	8.3804	14.2212	14.2277	14.2239	-0.0030	-0.0131	9.4655	14.2137	0.0056	14.2202	-23.3333	1.8597	0.0000	1.7367	0.0000	5.3281
42.9776	8.2374	14.2107	8.4707	9.2549	14.2212	14.2157	14.2210	0.0048	0.0180	9.3233	14.2165	0.0056	14.2226	-23.3333	1.9286	0.0000	1.7366	0.0000	5.8789
42.9732	8.2330	14.2124	8.4889	8.2399	14.2125	14.2145	14.2204	-0.0067	-0.0077	8.8933	14.2119	0.0037	14.2179	-23.3333	2.1355	0.0000	1.7369	0.0000	6.4297
42.9098	8.2306	14.2182	8.4519	8.4356	14.2194	14.2174	14.2227	-0.0055	-0.0035	8.9161	14.2119	0.0066	14.2332	-23.3333	1.9976	0.0000	1.7361	0.0000	6.9805
42.7938	8.2082	14.2142	8.4242	7.1385	14.2142	14.2197	14.2245	0.0000	0.0054	8.9035	14.2092	0.0075	14.2261	-23.3333	1.9976	0.0000	1.7361	0.0000	7.5313
42.6385	8.1901	14.2101	8.4207	8.0320	14.2194	14.2174	14.2192	0.0048	-0.0101	8.4381	14.2156	0.0047	14.2332	-23.3333	2.1355	0.0000	1.7352	0.0000	8.0781
42.4810	8.1578	14.2159	8.3807	8.9187	14.2177	14.2203	14.2192	0.0072	-0.0035	8.1497	14.2174	0.0047	14.2238	-23.3333	1.8597	0.0000	1.7353	0.0000	8.6289
42.3432	8.1385	14.2222	8.3225	8.1121	14.2072	14.2162	14.2239	-0.0012	0.0066	7.9207	14.2137	0.0075	14.2238	-23.3333	1.8597	0.0000	1.7348	0.0000	9.1797
42.1507	8.1111	14.2199	8.3337	8.0482	14.2107	14.2197	14.2233	0.0097	0.0018	7.7865	14.2192	0.0113	14.2273	-23.3333	1.8597	0.0000	1.7340	0.0000	9.7188
41.9582	8.0856	14.2107	8.2819	7.6688	14.2160	14.2243	14.2227	0.0048	-0.0017	8.6271	14.2201	0.0047	14.2273	-23.3333	2.1355	0.0000	1.7330	0.0000	10.2695
41.8051	8.0570	14.2188	8.2455	8.1201	14.2177	14.2208	14.2222	-0.0012	0.0012	9.1554	14.2165	0.0037	14.2285	-23.3333	2.0665	0.0000	1.7330	0.0000	10.8203
41.6323	8.0234	14.2055	8.2208	8.1904	14.2090	14.2231	14.2216	-0.0012	0.0156	8.9726	14.2092	0.0056	14.2285	-23.3333	1.9976	0.0000	1.7330	0.0000	11.3711
41.5338	8.0147	14.2153	8.1973	7.6440	14.2107	14.2180	14.2233	0.0036	-0.0119	8.9629	14.2128	0.0037	14.2367	-23.3333	1.9976	0.0000	1.7321	0.0000	11.9180
41.4901	8.0134	14.2199	8.2220	8.4489	14.1933	14.2157	14.2187	0.0036	-0.0005	8.5860	14.2165	0.0018	14.2367	-23.3333	1.9286	0.0000	1.7316	0.0000	12.4688
41.4901	8.0047	14.2061	8.2320	8.2560	14.2281	14.2203	14.2216	0.0012	0.0007	8.2953	14.2174	0.0094	14.2273	-23.3333	1.9976	0.0000	1.7323	0.0000	13.0195

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39.5706	7.5552	14.2112	7.5060	8.3149	14.2096	14.2145	14.2091	0.0012	0.0075	8.6867	14.2145	0.0072	12.8667	-23.3333	2.0665	0.0000	1.7391	0.0000	0.3789
39.8681	7.5913	14.2112	7.5754	8.1537	14.1992	14.2134	14.2109	-0.0049	-0.0039	8.0465	14.2063	0.0053	12.8632	-23.3333	1.8597	0.0000	1.7409	0.0000	0.9297
39.9556	7.6087	14.2130	7.5931	8.2055	14.2148	14.2162	14.2109	-0.0024	-0.0063	7.6827	14.2136	0.0072	12.8655	-23.3333	1.8597	0.0000	1.7409	0.0000	1.4805
39.8659	7.5969	14.2130	7.6148	8.2797	14.2183	14.2111	14.2103	0.0000	-0.0045	7.3783	14.2090	0.0053	12.8667	-23.3333	1.8597	0.0000	1.7404	0.0000	2.0313
39.7522	7.5795	14.2130	7.5613	8.1600	14.2183	14.2122	14.2091	-0.0043	-0.0057	7.1562	14.2072	0.0043	12.8714	-23.3333	1.9286	0.0000	1.7400	0.0000	2.5820
39.5269	7.5471	14.2112	7.4908	8.7133	14.1992	14.2059	14.2109	-0.0006	-0.0063	7.1819	14.2099	-0.0033	12.8785	-23.3333	1.9286	0.0000	1.7391	0.0000	3.1289
39.3278	7.5185	14.2118	7.4837	8.4018	14.2131	14.2065	14.2079	-0.0012	-0.0075	7.6405	14.2081	0.0015	12.8773	-23.3333	2.0665	0.0000	1.7383	0.0000	3.6797
39.1550	7.4849	14.2130	7.4337	7.4702	14.2270	14.2145	14.2056	0.0018	-0.0021	7.8152	14.2145	0.0053	12.8749	-23.3333	1.8597	0.0000	1.7383	0.0000	4.2305
38.9931	7.4632	14.2003	7.4173	7.4852	14.2079	14.2162	14.2120	0.0012	-0.0015	8.7666	14.2118	-0.0061	12.8737	-23.3333	1.9286	0.0000	1.7375	0.0000	4.7813
38.8553	7.4377	14.2118	7.4472	8.2435	14.2044	14.2093	14.2068	0.0006	-0.0063	8.1933	14.2072	0.0043	12.8867	-23.3333	1.9286	0.0000	1.7375	0.0000	5.3320
38.7044	7.4258	14.2089	7.4314	7.8491	14.2131	14.2065	14.2056	-0.0024	-0.0021	8.2001	14.2063	-0.0014	12.8749	-23.3333	2.0665	0.0000	1.7359	0.0000	5.8789
38.5709	7.3985	14.2072	7.3885	8.3298	14.2079	14.2088	14.2062	0.0000	-0.0045	7.8506	14.2072	0.0043	12.8843	-23.3333	1.8597	0.0000	1.7361	0.0000	6.4297
38.4244	7.3798	14.2135	7.3367	7.0977	14.2026	14.2122	14.2109	-0.0043	-0.0015	7.7444	14.2072	-0.0033	12.8761	-23.3333	1.9286	0.0000	1.7353	0.0000	6.9805
38.3916	7.3736	14.2083	7.3032	7.6810	14.2166	14.2139	14.2138	-0.0055	0.0015	8.0002	14.2109	-0.0023	12.8655	-23.3333	1.7907	0.0000	1.7352	0.0000	7.5195
38.3762	7.3686	14.2078	7.3685	7.2186	14.2166	14.2116	14.2068	0.0000	-0.0051	7.7181	14.2054	0.0072	12.8820	-23.3333	1.7907	0.0000	1.7354	0.0000	8.0703
38.3544	7.3692	14.2083	7.3426	7.9717	14.2131	14.2151	14.2091	-0.0049	-0.0063	7.4537	14.2063	-0.0042	12.8914	-23.3333	1.8597	0.0000	1.7350	0.0000	8.6211
38.3522	7.3705	14.2083	7.2873	8.2982	14.2114	14.2065	14.2097	-0.0024	-0.0003	7.2573	14.2109	0.0072	12.8926	-23.3333	1.9976	0.0000	1.7348	0.0000	9.1719
38.3041	7.3593	14.2066	7.3332	8.0379	14.2009	14.2111	14.2073	-0.0012	-0.0027	7.1585	14.2081	0.0043	12.8985	-23.3333	2.0665	0.0000	1.7350	0.0000	9.7188
38.2341	7.3418	14.2135	7.3197	6.8237	14.2183	14.2128	14.2085	-0.0061	-0.0015	7.7581	14.2072	-0.0099	12.8949	-23.3333	1.9286	0.0000	1.7354	0.0000	10.2695
38.1619	7.3331	14.2078	7.3244	7.5088	14.2096	14.2093	14.2114	-0.0043	-0.0003	8.3497	14.2054	0.0015	12.9043	-23.3333	1.7907	0.0000	1.7349	0.0000	10.8203
38.0350	7.3132	14.2078	7.2579	7.9550	14.1957	14.2070	14.2097	-0.0049	-0.0081	8.4240	14.2081	0.0034	12.8902	-23.3333	1.8597	0.0000	1.7345	0.0000	11.3711
37.8841	7.2883	14.2060	7.2362	7.7092	14.2079	14.2099	14.2103	0.0018	-0.0015	8.3406	14.2099	0.0063	12.8890	-23.3333	1.8597	0.0000	1.7341	0.0000	11.9219
37.7112	7.2647	14.2118	7.2144	8.0615	14.2183	14.2174	14.2073	0.0006	-0.0039	7.7301	14.2127	0.0024	12.8890	-23.3333	2.0665	0.0000	1.7333	0.0000	12.4688
37.6194	7.2560	14.2078	7.1927	7.2791	14.2079	14.2139	14.2109	0.0000	-0.0057	7.5839	14.2099	-0.0042	12.8867	-23.3333	1.9976	0.0000	1.7324	0.0000	13.0703

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40.4898	7.6892	14.2079	7.5945	7.7042	14.2172	14.2125	14.2157	0.0004	0.0056	8.8809	15.2406	-0.3019	15.0216	-23.3333	20.6710	0.0497	1.7427	0.0000	0.3789
40.4482	7.6811	14.2074	7.6051	8.1988	14.2119	14.2137	14.2122	-0.0002	-0.0015	8.0780	15.2315	-0.3029	15.0122	-23.3333	20.6710	0.0498	1.7427	0.0000	0.9883
40.3126	7.6681	14.2079	7.5839	7.3052	14.2015	14.2085	14.2087	0.0010	-0.0003	7.6851	15.2324	-0.3019	15.0099	-23.3333	20.6710	0.0497	1.7416	0.0000	1.6484
40.1704	7.6481	14.2033	7.5645	7.3363	14.2085	14.2045	14.2098	0.0059	-0.0021	7.3424	15.2433	-0.3019	15.0040	-23.3333	20.8131	0.0497	1.7410	0.0000	2.3086
40.0435	7.6208	14.2126	7.5216	8.1423	14.2154	14.2062	14.2110	-0.0014	0.0039	7.1534	15.2324	-0.3038	15.0181	-23.3333	20.6710	0.0499	1.7413	0.0000	2.9102
39.9713	7.6127	14.2108	7.5804	7.7180	14.2224	14.2137	14.2063	0.0004	0.0015	7.1254	15.2324	-0.2914	15.0169	-23.3333	20.7420	0.0488	1.7408	0.0000	3.5703
39.9495	7.6133	14.2126	7.5486	7.6696	14.2067	14.2125	14.2110	-0.0026	-0.0003	7.6240	15.2224	-0.3048	15.0099	-23.3333	20.7420	0.0499	1.7404	0.0000	4.2305
39.8335	7.5977	14.2097	7.5510	8.1343	14.2085	14.2125	14.2122	-0.0020	0.0009	7.8575	15.2097	-0.3000	14.9863	-23.3333	20.5999	0.0495	1.7398	0.0000	4.8906
39.7592	7.5803	14.2074	7.5551	9.3934	14.2102	14.2131	14.2110	0.0028	-0.0045	8.7473	15.1997	-0.3010	14.9781	-23.3333	20.4579	0.0496	1.7401	0.0000	5.4883
39.6257	7.5573	14.2102	7.4851	7.7877	14.2137	14.2062	14.2092	0.0028	0.0027	8.1008	15.2078	-0.3095	14.9793	-23.3333	20.7420	0.0503	1.7399	0.0000	6.1484
39.5317	7.5455	14.2027	7.4698	7.0444	14.2172	14.2137	14.2110	0.0010	-0.0003	8.2259	15.2179	-0.3124	14.9863	-23.3333	20.6710	0.0505	1.7393	0.0000	6.8086
39.4157	7.5262	14.2085	7.4522	9.0376	14.2102	14.2137	14.2116	0.0004	-0.0063	7.8410	15.2115	-0.3057	14.9875	-23.3333	20.5999	0.0500	1.7391	0.0000	7.4102
39.2932	7.4995	14.2074	7.4393	8.8050	14.2119	14.2142	14.2098	0.0016	0.0045	7.6936	15.2188	-0.3076	15.0052	-23.3333	20.8841	0.0502	1.7394	0.0000	8.0703
39.2167	7.4901	14.2085	7.3634	7.3092	14.2050	14.2125	14.2122	-0.0026	0.0009	7.9934	15.2160	-0.3067	14.9946	-23.3333	20.5999	0.0501	1.7389	0.0000	8.7305
39.1882	7.4883	14.2068	7.4087	7.8424	14.2032	14.2096	14.2098	0.0022	-0.0009	7.8010	15.2124	-0.3029	14.9828	-23.3333	20.6710	0.0498	1.7386	0.0000	9.3398
39.1313	7.4771	14.2091	7.4010	7.7468	14.2032	14.2131	14.2075	0.0028	0.0033	7.5274	15.2124	-0.3019	14.9910	-23.3333	20.4579	0.0497	1.7386	0.0000	10.0000
39.0832	7.4727	14.2114	7.3552	8.5413	14.2137	14.2148	14.2092	-0.0020	-0.0045	7.3333	15.2206	-0.3048	14.9828	-23.3333	20.7420	0.0499	1.7382	0.0000	10.6484
38.9979	7.4547	14.2074	7.4187	7.1123	14.2137	14.2114	14.2092	-0.0026	0.0033	7.1774	15.2106	-0.3086	14.9840	-23.3333	20.6710	0.0502	1.7384	0.0000	11.2578
38.9323	7.4484	14.2079	7.4410	6.8429	14.2154	14.2165	14.2098	0.0016	0.0021	7.7182	15.2160	-0.3086	14.9852	-23.3333	20.5999	0.0502	1.7378	0.0000	11.9180
38.8164	7.4316	14.2056	7.2623	8.0531	14.2050	14.2102	14.2122	0.0022	-0.0009	8.3138	15.2097	-0.3067	14.9840	-23.3333	20.6710	0.0501	1.7373	0.0000	12.5781
38.6632	7.4086	14.2051	7.3064	8.8833	14.2102	14.2142	14.2116	0.0010	0.0009	8.4463	15.2069	-0.3210	14.9828	-23.3333	20.7420	0.0512	1.7368	0.0000	13.1797
38.5035	7.3875	14.2097	7.3346	6.4214	14.2067	14.2125	14.2104	0.0016	-0.0027	8.4166	15.1978	-0.3114	14.9710	-23.3333	20.6710	0.0504	1.7359	0.0000	13.8398
38.3417	7.3657	14.2062	7.3458	7.3110	14.2102	14.2114	14.2104	0.0016	0.0021	7.7450	15.2024	-0.3086	14.9769	-23.3333	20.5999	0.0502	1.7351	0.0000	14.5000
38.1907	7.3408	14.2079	7.2658	7.4324	14.1997	14.2142	14.2127	0.0004	0.0050	7.5971	15.1978	-0.3067	14.9569	-23.3333	20.6710	0.0500	1.7347	0.0000	15.0977

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40.4911	7.6954	14.2118	7.5444	7.3082	14.2102	14.2088	14.2102	0.0033	-0.0100	8.7844	19.9324	-0.9274	19.2309	-23.3333	20.3869	0.1003	1.7422	0.0000	0.3281
40.4167	7.6867	14.2084	7.5473	8.0193	14.1963	14.2117	14.2125	-0.0009	-0.0040	8.0825	19.9415	-0.9227	19.2274	-23.3333	20.2449	0.1001	1.7417	0.0000	0.9883
40.2724	7.6624	14.2078	7.5256	7.4240	14.2033	14.2105	14.2078	-0.0009	-0.0058	7.6765	19.9406	-0.9189	19.2415	-23.3333	20.1030	0.0998	1.7414	0.0000	1.6484
40.0405	7.6226	14.2101	7.4362	7.3008	14.2137	14.2094	14.2131	0.0021	-0.0010	7.3824	19.9469	-0.9265	19.2580	-23.3333	20.2449	0.1003	1.7411	0.0000	2.3086
39.7671	7.5778	14.2015	7.4521	7.2069	14.2015	14.2094	14.2102	0.0033	-0.0022	7.1922	19.9506	-0.9313	19.2403	-23.3333	20.3159	0.1006	1.7404	0.0000	2.9688
39.5089	7.5393	14.2113	7.3980	7.5679	14.2050	14.2111	14.2096	-0.0033	-0.0034	7.4035	19.9533	-0.9322	19.2262	-23.3333	20.1030	0.1006	1.7395	0.0000	3.5703
39.2967	7.5088	14.2095	7.3345	7.6053	14.2102	14.2071	14.2113	0.0033	-0.0022	7.7702	19.9369	-0.9313	19.2262	-23.3333	20.1030	0.1005	1.7386	0.0000	4.2305
39.0933	7.4795	14.2130	7.3563	7.7504	14.2085	14.2105	14.2061	0.0003	-0.0046	8.2927	19.9187	-0.9322	19.1968	-23.3333	20.2449	0.1005	1.7378	0.0000	4.8906
38.9096	7.4515	14.2095	7.3327	6.7106	14.2050	14.2128	14.2096	-0.0027	-0.0034	8.3555	19.8715	-0.9341	19.1627	-23.3333	20.1739	0.1005	1.7371	0.0000	5.5508
38.7652	7.4192	14.2066	7.2933	7.4084	14.2102	14.2082	14.2108	0.0015	-0.0028	7.8250	19.8405	-0.9255	19.1391	-23.3333	20.1739	0.1000	1.7376	0.0000	6.2109
38.6777	7.4067	14.2032	7.3092	7.0146	14.2085	14.2111	14.2072	0.0027	-0.0040	7.9500	19.8415	-0.9208	19.1203	-23.3333	20.1030	0.0997	1.7372	0.0000	6.8086
38.5989	7.3955	14.2090	7.2881	6.8960	14.2067	14.2122	14.2084	0.0003	0.0002	7.6782	19.8396	-0.9208	19.1356	-23.3333	20.1030	0.0997	1.7368	0.0000	7.4688
38.5071	7.3819	14.2084	7.2304	8.2196	14.2102	14.2071	14.2055	0.0033	-0.0076	7.5252	19.8387	-0.9351	19.1250	-23.3333	20.5999	0.1005	1.7365	0.0000	8.1289
38.3999	7.3638	14.2061	7.2393	6.1527	14.2085	14.2082	14.2072	0.0046	-0.0100	7.5686	19.8369	-0.9332	19.1403	-23.3333	20.1030	0.1004	1.7363	0.0000	8.7891
38.2118	7.3427	14.2095	7.2063	6.8609	14.2033	14.2117	14.2172	0.0033	0.0014	7.7308	19.8405	-0.9293	19.1333	-23.3333	20.1030	0.1002	1.7349	0.0000	9.4492
38.0718	7.3140	14.2055	7.1963	6.6801	14.2172	14.2128	14.2102	0.0076	-0.0130	7.4344	19.8405	-0.9236	19.1262	-23.3333	19.9611	0.0999	1.7351	0.0000	10.0508
37.8989	7.2860	14.2049	7.0858	6.8753	14.2067	14.2082	14.2090	0.0033	-0.0028	7.2648	19.8415	-0.9255	19.1462	-23.3333	20.1030	0.1000	1.7346	0.0000	10.7109
37.7021	7.2587	14.2072	7.1487	7.5852	14.2033	14.2071	14.2072	0.0015	-0.0010	7.0380	19.8278	-0.9293	19.1215	-23.3333	20.1739	0.1001	1.7336	0.0000	11.3711
37.5293	7.2425	14.2055	7.1093	6.7526	14.2172	14.2088	14.2096	0.0033	-0.0010	7.3818	19.8351	-0.9303	19.1274	-23.3333	20.1030	0.1002	1.7321	0.0000	12.0273
37.3871	7.2101	14.2107	7.0564	6.5172	14.1963	14.2134	14.2078	0.0009	-0.0112	8.1168	19.8315	-0.9341	19.1274	-23.3333	20.1030	0.1004	1.7325	0.0000	12.6406
37.1814	7.1915	14.2038	7.0464	6.6427	14.1946	14.2134	14.2078	-0.0003	-0.0004	8.3492	19.8351	-0.9246	19.1156	-23.3333	20.1030	0.0999	1.7306	0.0000	13.2891
37.0589	7.1598	14.2032	7.0405	6.7008	14.2033	14.2128	14.2102	0.0015	-0.0124	8.1699	19.8205	-0.9265	19.1003	-23.3333	20.0320	0.1000	1.7314	0.0000	13.9492
36.9714	7.1461	14.2066	7.0158	7.8586	14.2137	14.2140	14.2119	0.0039	-0.0058	7.4486	19.8205	-0.9408	19.1038	-23.3333	20.1739	0.1008	1.7311	0.0000	14.6094
36.8555	7.1168	14.2095	6.9900	6.8183	14.1963	14.2128	14.2108	-0.0021	-0.0034	7.4309	19.8205	-0.9360	19.1003	-23.3333	20.1030	0.1005	1.7317	0.0000	15.2695

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40.5345	7.6994	14.2123	7.4872	7.0253	14.2341	14.2055	14.2074	-0.0021	-0.0011	8.6669	26.4249	-1.5716	25.2083	-23.3333	19.4646	0.1508	1.7425	0.0000	0.3789
40.7008	7.7137	14.2094	7.5101	7.4525	14.2202	14.2049	14.2092	-0.0003	0.0144	8.1410	26.4258	-1.5707	25.2483	-23.3333	19.4646	0.1508	1.7440	0.0000	1.0391
40.5105	7.6969	14.2077	7.4666	7.3627	14.2115	14.2106	14.2074	-0.0027	0.0025	7.8092	26.4222	-1.5735	25.2201	-23.3333	19.6064	0.1509	1.7424	0.0000	1.6992
40.2676	7.6546	14.2141	7.4307	7.0892	14.2115	14.2066	14.2057	-0.0015	-0.0005	7.5316	26.4331	-1.5726	25.2330	-23.3333	19.4646	0.1509	1.7420	0.0000	2.2969
40.0183	7.6185	14.2100	7.3972	7.4473	14.2202	14.2164	14.2104	-0.0088	-0.0017	7.3580	26.4340	-1.5859	25.2625	-23.3333	19.3229	0.1515	1.7411	0.0000	2.9570
39.7711	7.5787	14.2083	7.4072	7.3581	14.2167	14.2118	14.2115	-0.0033	-0.0029	7.6967	26.4404	-1.5773	25.2213	-23.3333	19.4646	0.1511	1.7404	0.0000	3.6172
39.5480	7.5370	14.2071	7.3402	6.9729	14.2237	14.2083	14.2080	0.0015	0.0049	8.2032	26.4295	-1.5954	25.2154	-23.3333	19.4646	0.1520	1.7404	0.0000	4.2773
39.3073	7.5103	14.2071	7.2931	7.2953	14.2254	14.2049	14.2086	0.0003	-0.0035	8.7332	26.4495	-1.5792	25.2060	-23.3333	19.4646	0.1512	1.7387	0.0000	4.9375
39.1214	7.4798	14.2054	7.2532	7.1267	14.2202	14.2124	14.2115	-0.0051	-0.0047	8.1701	26.4049	-1.5764	25.1824	-23.3333	19.3938	0.1510	1.7382	0.0000	5.5391
38.9355	7.4456	14.2129	7.2461	6.9044	14.2237	14.2049	14.2063	0.0009	-0.0035	7.8606	26.3813	-1.5935	25.1683	-23.3333	19.3229	0.1518	1.7381	0.0000	6.1992
38.7408	7.4176	14.2100	7.2043	6.9885	14.2237	14.2083	14.2080	0.0003	0.0079	8.0439	26.3676	-1.5773	25.1624	-23.3333	19.4646	0.1509	1.7373	0.0000	6.8594
38.5745	7.3921	14.2146	7.2108	6.8094	14.2167	14.2060	14.2080	-0.0003	0.0067	7.7978	26.3440	-1.5773	25.1271	-23.3333	19.2520	0.1509	1.7367	0.0000	7.5195
38.4805	7.3778	14.2135	7.1855	7.1577	14.2237	14.2089	14.2057	-0.0015	0.0025	7.6647	26.3349	-1.5745	25.1354	-23.3333	19.3938	0.1507	1.7364	0.0000	8.1172
38.3973	7.3622	14.2129	7.1591	6.8848	14.2289	14.2060	14.2109	-0.0039	0.0013	7.3158	26.2730	-1.5688	25.0542	-23.3333	19.3229	0.1502	1.7364	0.0000	8.7773
38.2814	7.3342	14.2054	7.1356	6.9372	14.2272	14.2066	14.2057	0.0027	-0.0083	7.8897	26.2758	-1.5735	25.0565	-23.3333	19.4646	0.1505	1.7369	0.0000	9.4375
38.1414	7.3205	14.2089	7.1444	6.8952	14.2132	14.2101	14.2063	-0.0015	0.0013	7.6179	26.2967	-1.5830	25.0460	-23.3333	19.3938	0.1510	1.7357	0.0000	10.0977
37.9861	7.3006	14.2089	7.1103	6.6603	14.2115	14.2060	14.2080	0.0003	-0.0017	7.4169	26.2658	-1.5716	25.0695	-23.3333	19.4646	0.1504	1.7348	0.0000	10.7578
37.8986	7.2832	14.2089	7.0856	6.9390	14.2184	14.2083	14.2086	0.0015	0.0013	7.1673	26.2949	-1.5811	25.0730	-23.3333	19.2520	0.1509	1.7349	0.0000	11.3594
37.9095	7.2888	14.2094	7.0715	6.8532	14.2289	14.2066	14.2104	-0.0021	0.0079	7.3660	26.2830	-1.5697	25.0683	-23.3333	19.4646	0.1503	1.7345	0.0000	12.0195
38.0189	7.2932	14.2071	7.1232	6.7945	14.2097	14.2129	14.2086	-0.0039	-0.0011	8.1787	26.2194	-1.5707	25.0236	-23.3333	19.3229	0.1502	1.7360	0.0000	12.6797
38.1786	7.3311	14.2129	7.1085	6.9171	14.2202	14.2095	14.2069	-0.0021	0.0055	8.7052	26.2239	-1.5888	25.0248	-23.3333	19.3938	0.1511	1.7354	0.0000	13.3398
38.3952	7.3548	14.2037	7.1585	7.0196	14.2167	14.2078	14.2104	-0.0051	-0.0053	8.4768	26.2421	-1.5707	25.0236	-23.3333	19.3938	0.1503	1.7370	0.0000	14.0000
38.6030	7.3890	14.2065	7.1902	7.0507	14.2167	14.2101	14.2092	-0.0033	-0.0041	7.8857	26.1894	-1.5726	24.9707	-23.3333	19.3229	0.1502	1.7375	0.0000	14.6094
38.6773	7.4014	14.2094	7.2026	6.9459	14.2184	14.2095	14.2098	-0.0021	0.0001	7.8583	26.1903	-1.5668	24.9318	-23.3333	19.3229	0.1499	1.7376	0.0000	15.2578

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43.0258	8.2162	14.2556	8.1098	9.0744	14.2391	14.2532	14.2828	0.0084	0.0026	9.4909	14.2454	-0.0014	9.7999	-23.3333	1.7907	0.0000	1.7390	0.0000	0.3906
43.1395	8.2330	14.2510	8.1145	8.4365	14.2635	14.2515	14.3021	0.0054	0.0068	8.7862	14.2500	-0.0081	9.8152	-23.3333	1.8597	0.0000	1.7394	0.0000	0.9414
43.2248	8.2510	14.2481	8.0975	8.5435	14.2479	14.2521	14.3015	0.0048	0.0020	8.3996	14.2554	-0.0014	9.8317	-23.3333	1.8597	0.0000	1.7393	0.0000	1.4805
43.1417	8.2268	14.2499	8.0927	8.4819	14.2496	14.2469	14.3027	-0.0025	0.0104	8.1072	14.2527	-0.0081	9.8117	-23.3333	1.7907	0.0000	1.7400	0.0000	2.0313
43.0148	8.2137	14.2510	8.0963	8.3835	14.2531	14.2509	14.3045	-0.0055	0.0050	7.9148	14.2500	-0.0004	9.7941	-23.3333	1.7218	0.0000	1.7391	0.0000	2.5820
42.8376	8.1888	14.2522	8.0534	8.6126	14.2426	14.2503	14.3004	0.0006	-0.0046	8.4236	14.2536	0.0024	9.7529	-23.3333	1.7907	0.0000	1.7384	0.0000	3.1914
42.6605	8.1627	14.2522	7.9893	8.2108	14.2513	14.2515	14.3056	0.0012	0.0002	8.4693	14.2545	0.0015	9.7235	-23.3333	1.7907	0.0000	1.7377	0.0000	3.7422
42.4811	8.1303	14.2499	7.9928	8.5015	14.2531	14.2526	14.2992	-0.0049	0.0032	8.9907	14.2554	0.0024	9.6893	-23.3333	1.7907	0.0000	1.7376	0.0000	4.2891
42.2733	8.0999	14.2435	7.9993	8.3334	14.2391	14.2532	14.3033	-0.0013	0.0050	9.2694	14.2536	0.0024	9.6752	-23.3333	1.7218	0.0000	1.7368	0.0000	4.8320
42.0283	8.0650	14.2562	7.9193	8.5861	14.2531	14.2515	14.3004	-0.0037	0.0056	8.6589	14.2463	0.0034	9.6258	-23.3333	1.8597	0.0000	1.7358	0.0000	5.3789
41.7745	8.0264	14.2539	7.8670	8.5815	14.2548	14.2486	14.3004	-0.0049	0.0038	8.7674	14.2527	-0.0004	9.5999	-23.3333	1.7907	0.0000	1.7350	0.0000	5.9297
41.4945	7.9736	14.2487	7.8217	7.9482	14.2531	14.2503	14.3027	0.0036	-0.0004	8.4396	14.2582	-0.0033	9.5587	-23.3333	1.6528	0.0000	1.7349	0.0000	6.4805
41.2386	7.9431	14.2533	7.7711	7.8227	14.2409	14.2503	14.3056	-0.0001	0.0014	8.2483	14.2591	0.0024	9.5164	-23.3333	1.7907	0.0000	1.7334	0.0000	7.0313
41.0264	7.9101	14.2504	7.7429	7.6114	14.2409	14.2526	14.3027	-0.0019	0.0068	8.2620	14.2482	-0.0023	9.4776	-23.3333	1.7907	0.0000	1.7327	0.0000	7.5820
40.8098	7.8740	14.2533	7.7112	7.7070	14.2513	14.2492	14.3010	-0.0001	-0.0004	8.4727	14.2491	0.0053	9.4540	-23.3333	1.7907	0.0000	1.7322	0.0000	8.1914
40.6852	7.8603	14.2510	7.6459	8.1785	14.2566	14.2521	14.3027	0.0030	-0.0010	8.1021	14.2445	-0.0033	9.4458	-23.3333	1.7907	0.0000	1.7314	0.0000	8.7305
40.5298	7.8355	14.2516	7.6812	8.5015	14.2513	14.2515	14.3021	0.0048	0.0002	7.9302	14.2482	-0.0004	9.4270	-23.3333	1.7907	0.0000	1.7309	0.0000	9.2813
40.3811	7.8062	14.2522	7.6641	7.5711	14.2583	14.2544	14.3056	0.0006	0.0026	7.6715	14.2536	-0.0004	9.4117	-23.3333	1.8597	0.0000	1.7310	0.0000	9.8320
40.3133	7.8006	14.2493	7.6277	8.0651	14.2635	14.2503	14.3086	-0.0013	0.0008	8.0889	14.2518	0.0015	9.4034	-23.3333	1.7907	0.0000	1.7303	0.0000	10.3789
40.3636	7.8019	14.2481	7.6447	7.5751	14.2583	14.2521	14.3021	-0.0025	-0.0022	8.7503	14.2509	0.0015	9.4246	-23.3333	1.7907	0.0000	1.7310	0.0000	10.9297
40.4511	7.8149	14.2522	7.6923	7.4813	14.2548	14.2498	14.3010	-0.0073	0.0050	9.1877	14.2491	-0.0033	9.4234	-23.3333	1.8597	0.0000	1.7314	0.0000	11.4805
40.5517	7.8404	14.2516	7.6776	8.0968	14.2461	14.2503	14.3015	0.0036	-0.0052	9.0872	14.2536	0.0034	9.4528	-23.3333	1.7907	0.0000	1.7309	0.0000	12.0313
40.6830	7.8498	14.2522	7.6859	8.3403	14.2583	14.2498	14.3021	-0.0037	-0.0099	8.3556	14.2527	0.0005	9.4564	-23.3333	1.8597	0.0000	1.7322	0.0000	12.5820
40.7617	7.8622	14.2516	7.7076	7.4416	14.2618	14.2475	14.3056	-0.0013	0.0062	8.3174	14.2536	0.0034	9.4681	-23.3333	1.7907	0.0000	1.7324	0.0000	13.1797

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44.7510	8.4497	14.1529	8.7948	9.1003	14.1372	14.1488	14.1533	0.0015	-0.0069	9.9138	14.1528	0.0040	14.1534	-23.3333	1.7218	0.0000	1.7465	0.0000	0.3320
45.0048	8.4908	14.1448	8.7889	10.2697	14.1807	14.1528	14.1498	0.0027	-0.0081	9.1446	14.1519	0.0030	14.1570	-23.3333	1.9976	0.0000	1.7470	0.0000	0.8789
45.1229	8.5001	14.1558	8.8054	11.1103	14.1476	14.1465	14.1544	0.0033	0.0045	8.6929	14.1428	0.0021	14.1464	-23.3333	2.0665	0.0000	1.7480	0.0000	1.4297
44.9960	8.4839	14.1546	8.7772	10.0929	14.1581	14.1511	14.1492	-0.0021	0.0075	8.3205	14.1437	0.0011	14.1523	-23.3333	1.8597	0.0000	1.7474	0.0000	1.9805
44.8276	8.4534	14.1494	8.7648	11.0941	14.1476	14.1488	14.1492	0.0027	-0.0033	8.1024	14.1446	-0.0027	14.1428	-23.3333	1.7907	0.0000	1.7473	0.0000	2.5313
44.6570	8.4211	14.1563	8.7443	11.5691	14.1407	14.1522	14.1498	-0.0009	-0.0075	8.1018	14.1519	0.0030	14.1499	-23.3333	1.8597	0.0000	1.7473	0.0000	3.0820
44.4273	8.3937	14.1483	8.6555	9.7584	14.1529	14.1482	14.1492	0.0039	0.0057	8.4993	14.1528	-0.0008	14.1499	-23.3333	1.7907	0.0000	1.7461	0.0000	3.6289
44.1670	8.3477	14.1517	8.6079	9.8920	14.1546	14.1505	14.1463	-0.0021	0.0027	8.1703	14.1528	0.0059	14.1511	-23.3333	1.8597	0.0000	1.7458	0.0000	4.1797
43.8957	8.3097	14.1488	8.5602	10.5328	14.1581	14.1505	14.1474	-0.0003	0.0003	9.4455	14.1465	0.0040	14.1523	-23.3333	1.7907	0.0000	1.7448	0.0000	4.7305
43.6070	8.2544	14.1506	8.5655	8.7486	14.1511	14.1493	14.1492	0.0033	0.0057	9.8093	14.1465	-0.0027	14.1370	-23.3333	1.8597	0.0000	1.7448	0.0000	5.2813
43.3029	8.2114	14.1506	8.5085	8.8280	14.1511	14.1556	14.1504	0.0045	-0.0051	9.5192	14.1546	0.0011	14.1487	-23.3333	1.7907	0.0000	1.7437	0.0000	5.8320
43.0776	8.1772	14.1546	8.4291	9.2397	14.1546	14.1511	14.1521	-0.0021	0.0015	9.1400	14.1556	0.0021	14.1417	-23.3333	1.7907	0.0000	1.7430	0.0000	6.3789
42.8895	8.1461	14.1517	8.4426	9.6260	14.1598	14.1545	14.1504	0.0009	-0.0015	9.1257	14.1537	0.0002	14.1546	-23.3333	1.8597	0.0000	1.7426	0.0000	6.9219
42.7014	8.1156	14.1535	8.3527	9.4855	14.1546	14.1453	14.1480	-0.0021	-0.0069	8.9327	14.1501	0.0002	14.1475	-23.3333	1.7907	0.0000	1.7422	0.0000	7.4688
42.5504	8.0970	14.1477	8.3656	9.5477	14.1581	14.1476	14.1562	0.0009	-0.0033	8.5027	14.1501	0.0021	14.1499	-23.3333	1.7907	0.0000	1.7414	0.0000	7.9688
42.3404	8.0714	14.1500	8.3192	9.5719	14.1476	14.1545	14.1486	-0.0003	0.0045	8.2097	14.1483	0.0030	14.1452	-23.3333	1.9286	0.0000	1.7402	0.0000	8.5195
42.2048	8.0434	14.1506	8.3045	8.4877	14.1459	14.1499	14.1445	0.0027	-0.0039	7.9607	14.1492	-0.0008	14.1511	-23.3333	1.7907	0.0000	1.7403	0.0000	9.0703
42.0582	8.0136	14.1442	8.3203	9.4775	14.1424	14.1505	14.1480	0.0027	-0.0021	7.8939	14.1501	0.0002	14.1570	-23.3333	1.7907	0.0000	1.7405	0.0000	9.6211
41.8832	7.9974	14.1517	8.2551	9.8436	14.1546	14.1482	14.1416	0.0021	0.0039	8.7785	14.1474	0.0021	14.1499	-23.3333	1.8597	0.0000	1.7391	0.0000	10.2188
41.7629	7.9707	14.1512	8.2333	9.1648	14.1529	14.1516	14.1486	0.0003	-0.0015	9.2451	14.1492	0.0059	14.1452	-23.3333	1.7218	0.0000	1.7394	0.0000	10.7695
41.6448	7.9588	14.1483	8.2333	11.0055	14.1511	14.1482	14.1480	0.0009	-0.0015	9.0549	14.1492	0.0059	14.1475	-23.3333	1.8597	0.0000	1.7385	0.0000	11.3203
41.5726	7.9439	14.1483	8.2263	8.4538	14.1442	14.1556	14.1469	0.0015	-0.0009	8.9944	14.1474	0.0021	14.1381	-23.3333	1.8597	0.0000	1.7386	0.0000	11.8086
41.5267	7.9371	14.1494	8.2551	9.8471	14.1633	14.1516	14.1433	-0.0040	0.0069	8.6203	14.1492	0.0021	14.1417	-23.3333	1.7218	0.0000	1.7384	0.0000	12.3594
41.4589	7.9277	14.1500	8.2063	9.0733	14.1633	14.1499	14.1515	-0.0040	0.0003	8.3816	14.1437	0.0011	14.1511	-23.3333	1.8597	0.0000	1.7381	0.0000	12.9102

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42.3201	8.0591	14.1482	7.7663	8.2358	14.1279	14.1541	14.1514	0.0018	-0.0010	9.1160	14.2166	-0.3301	13.9766	-23.3333	24.5209	0.0503	1.7409	0.0000	0.3828
42.1232	8.0324	14.1482	7.7998	8.2709	14.1558	14.1524	14.1508	-0.0049	0.0044	8.5078	14.2194	-0.3330	13.9802	-23.3333	24.5209	0.0505	1.7400	0.0000	1.0430
41.8564	7.9913	14.1470	7.6834	8.6630	14.1488	14.1472	14.1555	0.0000	-0.0045	8.0812	14.2194	-0.3301	13.9849	-23.3333	24.5209	0.0503	1.7392	0.0000	1.6992
41.6070	7.9534	14.1505	7.6840	8.2917	14.1610	14.1529	14.1508	0.0024	-0.0057	7.8145	14.2266	-0.3397	13.9837	-23.3333	24.5925	0.0510	1.7384	0.0000	2.3594
41.3664	7.9204	14.1487	7.6293	8.1282	14.1488	14.1495	14.1485	0.0018	-0.0004	7.6592	14.2248	-0.3225	13.9860	-23.3333	24.6640	0.0497	1.7373	0.0000	3.0195
41.1323	7.8800	14.1470	7.5869	8.1529	14.1662	14.1489	14.1467	0.0018	0.0104	7.6204	14.2284	-0.3378	13.9719	-23.3333	24.6640	0.0509	1.7369	0.0000	3.6797
40.8611	7.8377	14.1510	7.5440	8.2157	14.1471	14.1443	14.1456	0.0006	-0.0015	8.4313	14.2221	-0.3378	13.9743	-23.3333	24.7356	0.0509	1.7361	0.0000	4.3398
40.6379	7.8066	14.1499	7.5423	8.2416	14.1628	14.1506	14.1503	0.0006	-0.0021	9.1383	14.2257	-0.3340	13.9802	-23.3333	24.7356	0.0506	1.7351	0.0000	5.0000
40.4804	7.7754	14.1510	7.5029	7.9382	14.1575	14.1512	14.1503	-0.0019	0.0002	8.5129	14.2230	-0.3359	13.9696	-23.3333	24.5925	0.0507	1.7352	0.0000	5.6602
40.2442	7.7425	14.1476	7.4241	7.8184	14.1558	14.1501	14.1520	-0.0019	-0.0021	8.3051	14.2230	-0.3320	13.9707	-23.3333	24.5209	0.0504	1.7341	0.0000	6.3203
40.0626	7.7157	14.1476	7.4447	7.9134	14.1419	14.1512	14.1538	0.0048	-0.0081	8.2971	14.2157	-0.3311	13.9766	-23.3333	24.5925	0.0503	1.7334	0.0000	6.9805
39.8308	7.6747	14.1510	7.4012	8.0942	14.1419	14.1512	14.1491	0.0018	0.0008	7.9310	14.2248	-0.3397	13.9684	-23.3333	24.8072	0.0510	1.7331	0.0000	7.6328
39.6776	7.6492	14.1459	7.3406	8.2312	14.1523	14.1506	14.1532	0.0030	-0.0004	7.8151	14.2257	-0.3292	13.9743	-23.3333	24.5209	0.0502	1.7328	0.0000	8.2930
39.4917	7.6261	14.1470	7.3024	7.8944	14.1558	14.1524	14.1508	-0.0019	-0.0010	7.7888	14.2257	-0.3311	13.9778	-23.3333	24.5925	0.0504	1.7317	0.0000	8.9492
39.3167	7.5938	14.1505	7.3230	8.1909	14.1506	14.1512	14.1543	0.0018	0.0032	8.1697	14.2248	-0.3311	13.9790	-23.3333	24.5209	0.0504	1.7315	0.0000	9.6094
39.1242	7.5664	14.1522	7.2947	8.0078	14.1593	14.1501	14.1549	0.0042	-0.0010	7.7825	14.2248	-0.3378	13.9766	-23.3333	24.5209	0.0509	1.7307	0.0000	10.2695
38.9755	7.5316	14.1435	7.3006	7.9957	14.1558	14.1512	14.1526	0.0030	-0.0004	7.5113	14.2203	-0.3273	13.9719	-23.3333	24.5925	0.0501	1.7312	0.0000	10.9297
38.7458	7.5054	14.1464	7.2395	7.7395	14.1506	14.1518	14.1514	-0.0006	-0.0057	7.4068	14.2121	-0.3311	13.9696	-23.3333	24.5925	0.0503	1.7296	0.0000	11.5898
38.5905	7.4824	14.1470	7.1960	7.6227	14.1506	14.1501	14.1503	0.0018	0.0026	7.5547	14.2175	-0.3273	13.9790	-23.3333	24.5925	0.0501	1.7290	0.0000	12.2500
38.5205	7.4706	14.1516	7.1895	7.8178	14.1558	14.1518	14.1526	-0.0043	0.0026	8.3285	14.2184	-0.3320	13.9766	-23.3333	24.5925	0.0504	1.7288	0.0000	12.8516
38.6058	7.4793	14.1528	7.1783	8.2658	14.1453	14.1535	14.1503	-0.0019	-0.0045	8.6346	14.2121	-0.3311	13.9743	-23.3333	24.5925	0.0503	1.7295	0.0000	13.5117
38.6998	7.4998	14.1516	7.2318	7.7983	14.1541	14.1512	14.1462	-0.0043	-0.0183	8.5318	14.2157	-0.3292	13.9731	-23.3333	24.5925	0.0502	1.7293	0.0000	14.1719
38.7086	7.4886	14.1453	7.2465	7.9255	14.1419	14.1489	14.1520	0.0054	0.0020	7.8705	14.2166	-0.3368	13.9625	-23.3333	24.5209	0.0508	1.7305	0.0000	14.8320
39.2205	7.5733	14.1545	7.3294	7.9013	14.1488	14.1478	14.1485	0.0048	-0.0033	7.9299	14.2221	-0.3197	13.9813	-23.3333	24.3778	0.0495	1.7317	0.0000	15.4922

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42.3986	8.0761	14.1472	7.7482	8.5231	14.1547	14.1503	14.1507	0.0041	0.0018	9.0061	18.9920	-0.9800	18.2890	-23.3333	24.5925	0.1008	1.7407	0.0000	0.3906
42.1536	8.0369	14.1449	7.6876	8.5069	14.1617	14.1521	14.1484	0.0011	0.0030	8.4384	18.9920	-0.9800	18.2843	-23.3333	24.4493	0.1008	1.7401	0.0000	1.0391
41.9589	8.0201	14.1506	7.6547	8.2456	14.1582	14.1515	14.1536	0.0029	0.0036	8.0495	19.0011	-0.9723	18.2878	-23.3333	24.4493	0.1004	1.7384	0.0000	1.6992
41.7270	7.9765	14.1553	7.5618	8.5087	14.1600	14.1503	14.1460	0.0035	0.0047	7.8171	19.0056	-0.9819	18.2702	-23.3333	24.4493	0.1009	1.7383	0.0000	2.3594
41.4711	7.9349	14.1530	7.5941	8.2847	14.1495	14.1498	14.1530	-0.0007	0.0071	7.6035	18.9883	-0.9933	18.2820	-23.3333	24.5209	0.1015	1.7377	0.0000	3.0195
41.3114	7.9106	14.1535	7.5559	8.6284	14.1443	14.1515	14.1530	0.0023	0.0042	7.8217	18.9974	-0.9819	18.2725	-23.3333	24.5209	0.1009	1.7372	0.0000	3.6289
41.2217	7.8988	14.1483	7.5794	8.5127	14.1391	14.1492	14.1548	0.0011	-0.0084	9.0735	18.9947	-0.9762	18.2961	-23.3333	24.5209	0.1006	1.7368	0.0000	4.2891
41.2808	7.9050	14.1449	7.5577	8.4989	14.1530	14.1452	14.1524	0.0017	-0.0012	9.0420	19.0202	-0.9847	18.3031	-23.3333	24.3063	0.1011	1.7372	0.0000	4.9414
41.3136	7.9137	14.1506	7.5530	8.5231	14.1512	14.1538	14.1524	0.0047	0.0030	8.6092	19.0220	-0.9914	18.2996	-23.3333	24.4493	0.1015	1.7370	0.0000	5.6016
41.2654	7.9037	14.1524	7.5424	8.2813	14.1582	14.1486	14.1519	-0.0019	0.0000	8.4047	19.0192	-0.9866	18.3055	-23.3333	24.5209	0.1012	1.7371	0.0000	6.2617
41.1495	7.8925	14.1506	7.5206	8.1580	14.1530	14.1543	14.1519	0.0053	-0.0018	8.3779	19.0165	-0.9866	18.2996	-23.3333	24.5209	0.1012	1.7361	0.0000	6.9219
41.1211	7.8826	14.1530	7.4801	8.3227	14.1617	14.1469	14.1542	-0.0013	0.0036	8.1517	19.0211	-0.9723	18.3137	-23.3333	24.5209	0.1005	1.7365	0.0000	7.5820
41.1189	7.8776	14.1524	7.5253	8.4655	14.1600	14.1526	14.1519	0.0041	-0.0018	7.8691	19.0229	-0.9885	18.3055	-23.3333	24.3778	0.1013	1.7369	0.0000	8.2422
41.0029	7.8571	14.1535	7.4836	8.5380	14.1460	14.1498	14.1524	0.0023	-0.0018	8.1837	19.0293	-0.9800	18.3137	-23.3333	24.3063	0.1009	1.7368	0.0000	8.9023
40.8761	7.8378	14.1530	7.5083	8.2623	14.1512	14.1503	14.1519	0.0017	-0.0006	8.4007	19.0338	-0.9914	18.3090	-23.3333	24.5209	0.1015	1.7363	0.0000	9.5000
40.6967	7.8110	14.1512	7.5312	8.1390	14.1443	14.1492	14.1489	0.0011	0.0012	7.9913	19.0402	-1.0019	18.3020	-23.3333	24.5209	0.1021	1.7357	0.0000	10.1602
40.5326	7.7955	14.1501	7.4489	7.9324	14.1495	14.1498	14.1501	0.0023	0.0053	7.7229	19.0256	-0.9895	18.3102	-23.3333	24.3063	0.1014	1.7343	0.0000	10.8203
40.4386	7.7737	14.1553	7.4707	8.4327	14.1460	14.1480	14.1472	0.0041	-0.0018	7.5989	18.9983	-0.9905	18.2749	-23.3333	24.3778	0.1014	1.7347	0.0000	11.4805
40.3751	7.7588	14.1535	7.4454	8.2749	14.1512	14.1555	14.1478	-0.0007	0.0030	7.7686	18.9838	-0.9771	18.2620	-23.3333	24.2347	0.1006	1.7349	0.0000	12.1406
40.2789	7.7551	14.1506	7.4589	8.0918	14.1460	14.1480	14.1507	0.0005	0.0077	8.6377	18.9765	-0.9905	18.2596	-23.3333	24.2347	0.1013	1.7336	0.0000	12.8008
40.1826	7.7376	14.1489	7.3472	8.6186	14.1495	14.1526	14.1519	0.0041	0.0065	8.8130	18.9738	-0.9885	18.2631	-23.3333	24.3778	0.1012	1.7335	0.0000	13.4609
40.0951	7.7140	14.1506	7.3542	8.3906	14.1495	14.1526	14.1513	0.0090	-0.0030	8.7314	18.9774	-0.9885	18.2737	-23.3333	24.5925	0.1012	1.7341	0.0000	14.1211
40.0230	7.7072	14.1512	7.3783	8.1373	14.1443	14.1543	14.1519	0.0005	-0.0036	8.1420	18.9811	-0.9857	18.2643	-23.3333	24.5209	0.1011	1.7335	0.0000	14.7813
39.9005	7.6866	14.1506	7.3148	8.5455	14.1443	14.1532	14.1536	0.0053	0.0024	8.0872	18.9774	-0.9885	18.2631	-23.3333	24.3778	0.1012	1.7332	0.0000	15.4414

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41.5535	7.9403	14.1469	7.5545	8.1618	14.1505	14.1595	14.1519	0.0042	0.0014	8.6947	26.1475	-1.5632	25.0219	-23.3333	23.8058	0.1496	1.7386	0.0000	0.3906
41.3435	7.9042	14.1504	7.5075	8.5286	14.1401	14.1509	14.1507	0.0048	-0.0016	8.2202	26.1466	-1.5755	25.0077	-23.3333	23.9488	0.1502	1.7383	0.0000	1.0508
41.0416	7.8725	14.1486	7.4745	8.5873	14.1470	14.1566	14.1501	0.0060	-0.0034	7.8615	26.1420	-1.5536	24.9983	-23.3333	23.9488	0.1491	1.7361	0.0000	1.6992
40.8185	7.8308	14.1498	7.4728	8.0156	14.1470	14.1469	14.1489	-0.0013	-0.0004	7.6068	26.1720	-1.5527	25.0360	-23.3333	23.9488	0.1492	1.7360	0.0000	2.3594
40.5713	7.7929	14.1567	7.4904	7.9252	14.1522	14.1532	14.1507	-0.0019	0.0049	7.7142	26.1702	-1.5622	25.0383	-23.3333	23.9488	0.1496	1.7352	0.0000	3.0195
40.3526	7.7562	14.1486	7.4152	8.3363	14.1592	14.1492	14.1483	-0.0007	0.0002	7.6794	26.1811	-1.5660	25.0077	-23.3333	23.9488	0.1499	1.7347	0.0000	3.6797
40.1273	7.7170	14.1550	7.3899	8.0870	14.1610	14.1515	14.1536	-0.0001	0.0008	8.8826	26.1220	-1.5698	24.9760	-23.3333	23.9488	0.1499	1.7344	0.0000	4.3398
40.0332	7.7039	14.1533	7.3370	8.1699	14.1401	14.1532	14.1507	0.0012	-0.0028	8.4440	26.0884	-1.5660	24.9301	-23.3333	23.9488	0.1496	1.7340	0.0000	5.0000
40.3613	7.7512	14.1475	7.4257	8.4981	14.1435	14.1480	14.1501	0.0006	-0.0046	8.2304	26.0802	-1.5632	24.9136	-23.3333	23.9488	0.1494	1.7353	0.0000	5.6016
40.7988	7.8240	14.1527	7.4763	8.2914	14.1453	14.1543	14.1483	-0.0001	-0.0046	8.2641	26.1156	-1.5660	24.9524	-23.3333	23.8058	0.1497	1.7363	0.0000	6.2617
41.1073	7.8744	14.1561	7.4757	8.1365	14.1575	14.1543	14.1495	0.0012	0.0020	8.4206	26.1229	-1.5651	24.9713	-23.3333	23.9488	0.1496	1.7370	0.0000	6.9219
41.2494	7.8880	14.1481	7.5145	8.2839	14.1470	14.1497	14.1478	0.0024	-0.0022	8.1899	26.1275	-1.5498	24.9948	-23.3333	24.0202	0.1489	1.7381	0.0000	7.5820
41.1991	7.8849	14.1492	7.4751	8.1112	14.1435	14.1543	14.1519	0.0060	0.0067	7.8381	26.1338	-1.5784	24.9913	-23.3333	23.9488	0.1503	1.7376	0.0000	8.2422
41.0854	7.8656	14.1492	7.4792	8.4676	14.1505	14.1503	14.1495	0.0036	0.0002	8.1671	26.1484	-1.5765	24.9854	-23.3333	23.9488	0.1503	1.7374	0.0000	8.8984
40.8535	7.8321	14.1504	7.5081	8.2822	14.1313	14.1497	14.1466	0.0036	0.0032	8.2875	26.1566	-1.5727	25.0066	-23.3333	23.8773	0.1501	1.7365	0.0000	9.5586
40.6523	7.7947	14.1469	7.4081	8.4111	14.1522	14.1561	14.1524	0.0018	0.0043	7.9381	26.1766	-1.5622	25.0101	-23.3333	23.9488	0.1497	1.7363	0.0000	10.2188
40.3963	7.7624	14.1481	7.4334	8.5839	14.1331	14.1497	14.1524	0.0048	-0.0082	7.6742	26.1802	-1.5651	25.0136	-23.3333	23.9488	0.1498	1.7349	0.0000	10.8789
40.1623	7.7269	14.1510	7.4175	7.8820	14.1435	14.1509	14.1513	0.0006	0.0014	7.6360	26.1957	-1.6003	25.0395	-23.3333	24.0202	0.1516	1.7341	0.0000	11.4805
39.9370	7.6939	14.1504	7.3070	8.2332	14.1575	14.1561	14.1501	-0.0007	0.0026	7.7981	26.1902	-1.5822	25.0101	-23.3333	23.9488	0.1507	1.7332	0.0000	12.1406
39.7007	7.6498	14.1492	7.2782	8.3835	14.1522	14.1480	14.1513	-0.0007	-0.0004	8.8198	26.1893	-1.5851	25.0513	-23.3333	23.9488	0.1508	1.7331	0.0000	12.8008
39.4798	7.6180	14.1481	7.2570	7.7024	14.1366	14.1543	14.1530	-0.0025	-0.0022	8.5942	26.1966	-1.6070	25.0454	-23.3333	23.9488	0.1519	1.7322	0.0000	13.4609
39.2216	7.5869	14.1469	7.2693	7.7767	14.1453	14.1520	14.1519	0.0030	-0.0016	8.4463	26.1984	-1.5841	25.0336	-23.3333	23.9488	0.1508	1.7305	0.0000	14.1211
39.0073	7.5471	14.1481	7.2493	7.8521	14.1348	14.1515	14.1478	0.0042	0.0020	8.0757	26.2002	-1.6022	25.0230	-23.3333	23.9488	0.1517	1.7304	0.0000	14.7813
38.9176	7.5365	14.1469	7.2182	7.7588	14.1366	14.1526	14.1524	0.0024	-0.0040	7.9963	26.1957	-1.5946	24.9936	-23.3333	23.8773	0.1513	1.7298	0.0000	15.4414

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42.3809	8.0796	14.1646	8.3043	10.4933	14.1760	14.1633	14.1570	0.0040	-0.0003	9.4204	14.1585	-0.0230	8.1275	-23.3333	1.8597	0.0000	1.7401	0.0000	0.3906
42.4990	8.0902	14.1611	8.2067	8.7298	14.1603	14.1627	14.1599	0.0040	-0.0045	8.6940	14.1558	-0.0296	8.1322	-23.3333	1.8597	0.0000	1.7411	0.0000	0.9414
42.5340	8.0914	14.1640	8.2573	8.9256	14.1620	14.1627	14.1605	0.0058	-0.0009	8.2252	14.1594	-0.0315	8.1181	-23.3333	1.8597	0.0000	1.7415	0.0000	1.5391
42.3765	8.0765	14.1669	8.2461	7.9762	14.1795	14.1621	14.1617	0.0016	-0.0015	7.8825	14.1549	-0.0211	8.0993	-23.3333	1.9976	0.0000	1.7403	0.0000	2.0898
42.2321	8.0566	14.1599	8.2179	9.0966	14.1498	14.1604	14.1552	0.0040	0.0045	7.6267	14.1622	-0.0163	8.0604	-23.3333	1.8597	0.0000	1.7397	0.0000	2.6406
42.0921	8.0279	14.1605	8.2090	9.3130	14.1533	14.1656	14.1582	0.0040	0.0039	7.6113	14.1603	-0.0258	8.0440	-23.3333	1.8597	0.0000	1.7399	0.0000	3.1914
41.9193	8.0080	14.1605	8.1256	8.0119	14.1777	14.1627	14.1593	-0.0008	0.0021	8.0784	14.1576	-0.0277	8.0134	-23.3333	1.8597	0.0000	1.7388	0.0000	3.7422
41.7443	7.9844	14.1623	8.1185	8.8830	14.1655	14.1656	14.1611	-0.0002	-0.0003	7.8568	14.1658	-0.0392	8.0122	-23.3333	1.7218	0.0000	1.7380	0.0000	4.2891
41.6743	7.9776	14.1611	8.1138	9.5836	14.1429	14.1621	14.1605	0.0058	0.0051	9.0812	14.1640	-0.0277	7.9804	-23.3333	1.9286	0.0000	1.7374	0.0000	4.8398
41.6831	7.9695	14.1605	8.1285	8.6763	14.1655	14.1644	14.1587	-0.0002	-0.0021	9.0949	14.1576	-0.0306	7.9887	-23.3333	1.8597	0.0000	1.7382	0.0000	5.3789
41.6787	7.9682	14.1623	8.1085	9.1443	14.1638	14.1587	14.1611	0.0004	0.0039	8.9710	14.1585	-0.0277	7.9910	-23.3333	1.8597	0.0000	1.7383	0.0000	5.9922
41.6459	7.9620	14.1594	8.1379	9.1397	14.1760	14.1627	14.1593	0.0004	-0.0033	8.5981	14.1576	-0.0420	7.9651	-23.3333	1.8597	0.0000	1.7383	0.0000	6.5391
41.4993	7.9346	14.1594	8.1226	9.4725	14.1655	14.1610	14.1593	-0.0050	0.0057	8.6495	14.1612	-0.0277	7.9557	-23.3333	1.8597	0.0000	1.7382	0.0000	7.0898
41.3637	7.9172	14.1634	8.0456	9.9337	14.1638	14.1570	14.1605	-0.0002	-0.0051	8.6786	14.1585	-0.0354	7.9334	-23.3333	1.9286	0.0000	1.7375	0.0000	7.6406
41.2127	7.8973	14.1611	8.0009	9.1668	14.1707	14.1598	14.1599	0.0040	0.0009	8.2492	14.1612	-0.0325	7.8934	-23.3333	1.9286	0.0000	1.7368	0.0000	8.1914
41.0290	7.8712	14.1628	8.0121	8.9739	14.1603	14.1662	14.1576	0.0028	0.0057	7.9722	14.1603	-0.0296	7.8569	-23.3333	1.9976	0.0000	1.7360	0.0000	8.7305
40.8671	7.8363	14.1634	7.9309	8.5058	14.1638	14.1616	14.1576	0.0016	0.0015	7.7495	14.1622	-0.0363	7.8286	-23.3333	1.8597	0.0000	1.7363	0.0000	9.2813
40.7249	7.8139	14.1634	7.9815	7.9848	14.1690	14.1581	14.1599	-0.0026	0.0003	7.6387	14.1612	-0.0153	7.8181	-23.3333	1.8597	0.0000	1.7359	0.0000	9.8320
40.5871	7.7940	14.1588	7.9027	8.0527	14.1673	14.1639	14.1599	0.0010	0.0039	8.4393	14.1612	-0.0392	7.7863	-23.3333	1.8597	0.0000	1.7353	0.0000	10.4414
40.3946	7.7654	14.1588	7.9057	8.7200	14.1655	14.1650	14.1552	-0.0008	0.0051	8.9190	14.1558	-0.0230	7.7733	-23.3333	1.8597	0.0000	1.7346	0.0000	10.9922
40.2459	7.7430	14.1599	7.8427	9.6700	14.1411	14.1598	14.1599	0.0028	-0.0027	8.8288	14.1631	-0.0249	7.7239	-23.3333	1.9976	0.0000	1.7341	0.0000	11.5391
40.0774	7.7107	14.1571	7.8745	7.8196	14.1551	14.1650	14.1593	0.0004	0.0021	8.7785	14.1576	-0.0411	7.7192	-23.3333	1.7907	0.0000	1.7341	0.0000	12.0898
39.9134	7.6920	14.1646	7.8492	8.2042	14.1673	14.1593	14.1599	0.0010	-0.0087	8.2897	14.1612	-0.0249	7.7004	-23.3333	2.0665	0.0000	1.7330	0.0000	12.6289
39.7734	7.6684	14.1617	7.8110	7.9566	14.1533	14.1598	14.1587	0.0010	-0.0039	8.0573	14.1576	-0.0363	7.6604	-23.3333	1.8597	0.0000	1.7327	0.0000	13.1797

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45.2734	8.5110	14.1642	8.2669	9.1115	14.1588	14.1606	14.1611	0.0007	0.0021	9.7731	14.0168	-0.3250	13.8044	-23.3333	22.3786	0.0495	1.7494	0.0000	0.3906
43.7662	8.2827	14.1585	7.9294	8.5916	14.1570	14.1623	14.1617	-0.0011	-0.0027	8.9827	14.1141	-0.3307	13.8785	-23.3333	22.4499	0.0501	1.7450	0.0000	1.0508
41.8806	8.0015	14.1671	7.7383	8.5680	14.1588	14.1623	14.1593	-0.0041	-0.0038	8.3471	14.1505	-0.3250	13.9056	-23.3333	22.4499	0.0498	1.7387	0.0000	1.7109
44.7659	8.4401	14.1613	8.1887	8.6711	14.1675	14.1629	14.1547	-0.0029	-0.0009	8.1758	14.1441	-0.3135	13.9021	-23.3333	22.5211	0.0489	1.7474	0.0000	2.3711
44.7790	8.4476	14.1636	8.1163	8.9336	14.1518	14.1600	14.1552	0.0019	-0.0009	8.1095	14.1432	-0.3230	13.9044	-23.3333	22.2361	0.0496	1.7471	0.0000	3.0195
43.2128	8.1968	14.1608	7.8665	8.1615	14.1588	14.1595	14.1588	0.0001	0.0027	8.0638	14.1459	-0.3316	13.8962	-23.3333	22.3786	0.0503	1.7435	0.0000	3.6797
41.2178	7.9057	14.1550	7.6524	8.4954	14.1535	14.1606	14.1593	0.0025	-0.0021	8.6583	14.1523	-0.3297	13.9127	-23.3333	22.3073	0.0501	1.7361	0.0000	4.3398
43.7268	8.2852	14.1654	7.9958	9.4241	14.1623	14.1618	14.1623	-0.0035	-0.0050	9.4864	14.1614	-0.3230	13.9280	-23.3333	22.3786	0.0496	1.7442	0.0000	5.0000
43.7837	8.2926	14.1654	7.9576	8.5691	14.1466	14.1600	14.1611	0.0019	-0.0015	9.1729	14.1559	-0.3202	13.9268	-23.3333	22.2361	0.0494	1.7444	0.0000	5.6602
42.4318	8.0842	14.1636	7.7536	8.8622	14.1710	14.1606	14.1593	-0.0041	-0.0038	8.7537	14.1578	-0.3364	13.9068	-23.3333	22.3786	0.0506	1.7405	0.0000	6.2695
41.5503	7.9548	14.1579	7.6818	8.2047	14.1623	14.1635	14.1617	-0.0077	-0.0015	8.6178	14.1569	-0.3392	13.8938	-23.3333	22.0936	0.0509	1.7373	0.0000	6.9219
41.1872	7.8982	14.1590	7.6236	8.4344	14.1605	14.1595	14.1593	-0.0017	-0.0027	8.2900	14.1532	-0.3392	13.9185	-23.3333	22.3786	0.0509	1.7363	0.0000	7.5820
41.3753	7.9144	14.1585	7.6701	8.5778	14.1466	14.1577	14.1564	-0.0065	0.0039	8.1792	14.1623	-0.3335	13.9127	-23.3333	22.3073	0.0504	1.7379	0.0000	8.2383
41.3622	7.9144	14.1648	7.6313	7.9450	14.1640	14.1606	14.1617	0.0025	0.0015	8.1906	14.1487	-0.3335	13.9115	-23.3333	22.3786	0.0504	1.7377	0.0000	8.8984
41.2287	7.9044	14.1660	7.6013	8.1546	14.1535	14.1589	14.1623	0.0007	-0.0027	8.5801	14.1523	-0.3326	13.9032	-23.3333	22.3786	0.0503	1.7364	0.0000	9.5586
40.7737	7.8329	14.1573	7.5366	8.2922	14.1605	14.1635	14.1593	0.0001	0.0027	8.1164	14.1459	-0.3373	13.8974	-23.3333	22.2361	0.0507	1.7351	0.0000	10.2188
40.6818	7.8086	14.1590	7.5178	8.0861	14.1692	14.1669	14.1582	0.0019	0.0003	7.8423	14.1414	-0.3364	13.8962	-23.3333	22.0936	0.0506	1.7357	0.0000	10.8789
40.6512	7.8092	14.1613	7.5007	8.1045	14.1570	14.1618	14.1611	0.0007	-0.0098	7.7115	14.1432	-0.3183	13.9009	-23.3333	22.3786	0.0492	1.7351	0.0000	11.5391
40.6993	7.8204	14.1573	7.5672	8.2991	14.1588	14.1572	14.1570	0.0007	-0.0021	7.9759	14.1423	-0.3307	13.8974	-23.3333	22.3786	0.0502	1.7349	0.0000	12.1992
40.6228	7.8043	14.1625	7.5196	8.6215	14.1588	14.1612	14.1605	-0.0023	0.0021	8.7914	14.1387	-0.3250	13.8891	-23.3333	22.4499	0.0497	1.7351	0.0000	12.8594
40.5309	7.7831	14.1561	7.5190	8.0182	14.1483	14.1589	14.1588	-0.0023	0.0039	9.1323	14.1323	-0.3269	13.8856	-23.3333	22.3073	0.0499	1.7354	0.0000	13.5195
40.3515	7.7545	14.1608	7.4902	7.9145	14.1623	14.1595	14.1588	0.0007	0.0039	9.0364	14.1432	-0.3345	13.8821	-23.3333	22.4499	0.0505	1.7349	0.0000	14.1719
40.3275	7.7501	14.1613	7.4543	8.2306	14.1710	14.1664	14.1623	-0.0017	-0.0003	8.2797	14.1350	-0.3335	13.8974	-23.3333	22.4499	0.0504	1.7348	0.0000	14.8320
40.3253	7.7564	14.1613	7.5078	7.6750	14.1623	14.1629	14.1564	0.0007	0.0039	8.2203	14.1369	-0.3316	13.8962	-23.3333	22.0224	0.0502	1.7343	0.0000	15.4883

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41.8919	8.0012	14.1669	7.6858	8.6878	14.1727	14.1367	14.1550	-0.0007	-0.0143	8.9783	14.1312	-0.3220	13.8814	-23.3333	22.5211	0.0495	1.7389	0.0000	0.3906
41.7278	7.9769	14.1623	7.6446	8.7483	14.1692	14.1338	14.1526	0.0011	-0.0066	8.3610	14.1293	-0.3163	13.8932	-23.3333	22.5211	0.0490	1.7383	0.0000	1.0508
41.5047	7.9439	14.1611	7.6388	8.4045	14.1587	14.1326	14.1532	-0.0025	-0.0119	7.9709	14.1257	-0.3287	13.8861	-23.3333	22.5211	0.0500	1.7375	0.0000	1.7031
41.3231	7.9097	14.1623	7.6264	7.8334	14.1674	14.1361	14.1561	-0.0031	-0.0036	7.7185	14.1339	-0.3306	13.8908	-23.3333	22.4499	0.0502	1.7375	0.0000	2.3594
41.1065	7.8811	14.1600	7.5994	8.0631	14.1622	14.1349	14.1556	-0.0062	0.0030	7.5038	14.1348	-0.3325	13.8920	-23.3333	22.2361	0.0503	1.7364	0.0000	3.0195
40.9665	7.8568	14.1652	7.6223	8.0303	14.1709	14.1298	14.1597	-0.0013	-0.0054	7.5084	14.1275	-0.3249	13.8885	-23.3333	22.3786	0.0497	1.7362	0.0000	3.6797
40.8090	7.8376	14.1646	7.4712	8.4051	14.1674	14.1332	14.1544	0.0017	-0.0030	8.3747	14.1275	-0.3268	13.8838	-23.3333	22.6637	0.0499	1.7353	0.0000	4.3398
40.7062	7.8195	14.1594	7.6100	8.2358	14.1918	14.1355	14.1567	-0.0068	-0.0054	9.0411	14.1212	-0.3249	13.8897	-23.3333	22.5924	0.0497	1.7351	0.0000	5.0000
40.5925	7.7971	14.1629	7.4806	7.9693	14.1552	14.1355	14.1550	-0.0007	0.0024	8.5226	14.1302	-0.3335	13.8779	-23.3333	22.3073	0.0504	1.7352	0.0000	5.6602
40.4875	7.7797	14.1652	7.4541	8.3067	14.1674	14.1349	14.1538	-0.0019	-0.0036	8.2485	14.1257	-0.3354	13.8885	-23.3333	22.4499	0.0505	1.7349	0.0000	6.3203
40.3037	7.7523	14.1606	7.4853	8.2485	14.1657	14.1367	14.1561	0.0017	-0.0012	8.2382	14.1202	-0.3287	13.8838	-23.3333	22.5924	0.0500	1.7343	0.0000	6.9219
40.0916	7.7268	14.1617	7.3859	8.0027	14.1587	14.1309	14.1556	0.0029	-0.0018	7.9178	14.1302	-0.3325	13.8861	-23.3333	22.4499	0.0503	1.7330	0.0000	7.5820
39.9275	7.6926	14.1635	7.3977	8.3141	14.1674	14.1367	14.1561	-0.0068	0.0006	7.8093	14.1275	-0.3335	13.8756	-23.3333	22.4499	0.0504	1.7332	0.0000	8.2422
39.7678	7.6696	14.1571	7.3912	8.6625	14.1570	14.1367	14.1538	-0.0001	-0.0048	7.8356	14.1230	-0.3325	13.8873	-23.3333	22.3073	0.0503	1.7325	0.0000	8.9023
39.8247	7.6758	14.1571	7.4018	7.9042	14.1674	14.1361	14.1567	-0.0031	-0.0054	8.1697	14.1275	-0.3268	13.8826	-23.3333	22.4499	0.0499	1.7329	0.0000	9.5625
39.9012	7.6889	14.1583	7.4124	7.7551	14.1587	14.1372	14.1521	-0.0044	-0.0072	7.8247	14.1221	-0.3240	13.8897	-23.3333	22.2361	0.0496	1.7331	0.0000	10.2227
40.0828	7.7119	14.1606	7.4247	7.8916	14.1692	14.1378	14.1567	-0.0044	0.0006	7.6111	14.1302	-0.3325	13.8767	-23.3333	22.4499	0.0503	1.7341	0.0000	10.8828
40.2031	7.7324	14.1640	7.4524	8.1080	14.1692	14.1315	14.1561	0.0011	-0.0030	7.4986	14.1275	-0.3240	13.8932	-23.3333	22.3786	0.0496	1.7343	0.0000	11.5430
40.3015	7.7480	14.1658	7.4583	8.2151	14.1674	14.1367	14.1526	0.0011	-0.0042	7.7471	14.1275	-0.3344	13.8850	-23.3333	22.5211	0.0504	1.7346	0.0000	12.2031
40.3847	7.7654	14.1623	7.5553	7.9612	14.1552	14.1355	14.1550	0.0005	0.0000	8.5523	14.1284	-0.3249	13.8908	-23.3333	22.4499	0.0497	1.7345	0.0000	12.8516
40.4197	7.7604	14.1617	7.4783	8.7298	14.1622	14.1304	14.1521	0.0023	-0.0030	9.0143	14.1293	-0.3268	13.8967	-23.3333	22.5211	0.0499	1.7355	0.0000	13.5117
40.4262	7.7654	14.1617	7.5112	8.1961	14.1448	14.1355	14.1561	-0.0044	0.0048	8.9543	14.1266	-0.3287	13.8932	-23.3333	22.5924	0.0500	1.7352	0.0000	14.1719
40.3869	7.7629	14.1594	7.4371	8.3159	14.1761	14.1292	14.1544	-0.0019	-0.0077	8.1896	14.1321	-0.3268	13.8826	-23.3333	22.3786	0.0499	1.7347	0.0000	14.8320
40.2644	7.7436	14.1617	7.4559	8.3199	14.1657	14.1321	14.1550	-0.0007	-0.0048	8.1348	14.1348	-0.3278	13.8944	-23.3333	22.6637	0.0499	1.7344	0.0000	15.4922

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43.2078	8.1635	14.1649	8.2870	9.4805	14.1606	14.1527	14.1631	0.0046	-0.0005	9.5278	14.1593	0.0015	9.3619	-23.3333	1.9286	0.0000	1.7461	0.0000	0.3789
43.3631	8.1865	14.1580	8.2770	9.4609	14.1693	14.1596	14.1660	0.0034	0.0019	8.8517	14.1566	0.0015	9.3584	-23.3333	1.9286	0.0000	1.7466	0.0000	0.9297
43.2800	8.1828	14.1574	8.2529	8.5714	14.1640	14.1573	14.1613	-0.0021	0.0061	8.4348	14.1584	0.0006	9.3254	-23.3333	1.9976	0.0000	1.7456	0.0000	1.4766
43.1772	8.1622	14.1597	8.2229	8.9048	14.1815	14.1585	14.1631	0.0004	-0.0095	8.0624	14.1539	-0.0013	9.3160	-23.3333	2.0665	0.0000	1.7457	0.0000	2.0273
42.9694	8.1292	14.1632	8.2023	8.8247	14.1640	14.1642	14.1648	-0.0003	-0.0083	7.8449	14.1520	0.0034	9.2795	-23.3333	2.2735	0.0000	1.7452	0.0000	2.6367
42.7594	8.1075	14.1615	8.2364	8.6883	14.1658	14.1660	14.1648	0.0034	0.0001	8.1481	14.1620	0.0034	9.2536	-23.3333	1.9976	0.0000	1.7437	0.0000	3.1797
42.5516	8.0658	14.1597	8.2064	8.9572	14.1536	14.1562	14.1648	0.0028	-0.0035	8.2794	14.1575	0.0034	9.2113	-23.3333	2.1355	0.0000	1.7439	0.0000	3.7266
42.3175	8.0341	14.1609	8.0830	8.5242	14.1449	14.1596	14.1648	0.0040	0.0007	8.2241	14.1502	-0.0013	9.1760	-23.3333	1.8597	0.0000	1.7429	0.0000	4.2773
42.1010	8.0011	14.1586	8.0253	7.8379	14.1623	14.1562	14.1625	0.0004	-0.0065	9.2731	14.1620	-0.0061	9.1489	-23.3333	2.2045	0.0000	1.7422	0.0000	4.8281
41.9435	7.9806	14.1615	8.0442	8.8852	14.1588	14.1573	14.1642	0.0028	0.0019	8.7477	14.1602	-0.0042	9.1219	-23.3333	1.9286	0.0000	1.7414	0.0000	5.3789
41.7247	7.9526	14.1626	7.9583	8.6618	14.1640	14.1585	14.1607	-0.0033	0.0013	8.9322	14.1602	-0.0023	9.0866	-23.3333	2.1355	0.0000	1.7403	0.0000	5.9297
41.5454	7.9159	14.1586	7.9524	8.5328	14.1693	14.1596	14.1648	-0.0003	-0.0065	8.4976	14.1584	0.0053	9.0607	-23.3333	2.1355	0.0000	1.7405	0.0000	6.4766
41.3988	7.8991	14.1620	7.9612	8.4977	14.1606	14.1568	14.1637	-0.0003	-0.0005	8.3091	14.1648	0.0034	9.0442	-23.3333	1.9976	0.0000	1.7396	0.0000	7.0273
41.2938	7.8829	14.1591	7.9554	8.5438	14.1606	14.1642	14.1642	0.0052	0.0019	8.7940	14.1666	0.0034	9.0136	-23.3333	1.9286	0.0000	1.7393	0.0000	7.6289
41.1604	7.8574	14.1568	7.9130	8.4782	14.1518	14.1608	14.1654	0.0016	0.0001	8.5010	14.1584	-0.0013	9.0007	-23.3333	1.9286	0.0000	1.7393	0.0000	8.1797
41.0772	7.8493	14.1638	7.8631	8.1298	14.1571	14.1614	14.1619	0.0004	0.0085	8.0996	14.1602	0.0006	8.9783	-23.3333	1.9286	0.0000	1.7386	0.0000	8.7266
40.9657	7.8294	14.1603	7.8813	8.6342	14.1710	14.1665	14.1660	-0.0027	-0.0059	7.8923	14.1602	0.0034	8.9760	-23.3333	2.0665	0.0000	1.7385	0.0000	9.2773
40.8082	7.8064	14.1626	7.8819	8.7061	14.1623	14.1562	14.1619	-0.0045	0.0037	7.7426	14.1611	0.0063	8.9513	-23.3333	1.9286	0.0000	1.7379	0.0000	9.8281
40.6922	7.7765	14.1591	7.8254	8.2352	14.1640	14.1591	14.1648	-0.0045	0.0043	8.2355	14.1629	-0.0109	8.9230	-23.3333	2.1355	0.0000	1.7385	0.0000	10.3789
40.5457	7.7678	14.1574	7.8378	8.3169	14.1553	14.1510	14.1637	0.0016	0.0097	8.8574	14.1675	-0.0042	8.9089	-23.3333	1.9976	0.0000	1.7369	0.0000	10.9297
40.4166	7.7448	14.1586	7.8272	8.1045	14.1536	14.1585	14.1648	0.0022	-0.0047	8.9784	14.1611	0.0006	8.8866	-23.3333	1.9976	0.0000	1.7368	0.0000	11.4766
40.2766	7.7186	14.1597	7.7513	8.3918	14.1571	14.1596	14.1660	-0.0021	-0.0023	9.0001	14.1611	-0.0004	8.8618	-23.3333	1.9286	0.0000	1.7367	0.0000	12.0273
40.1191	7.7043	14.1580	7.7149	8.4753	14.1693	14.1602	14.1642	-0.0045	-0.0053	8.2926	14.1557	0.0053	8.8277	-23.3333	2.1355	0.0000	1.7353	0.0000	12.6289
39.9354	7.6689	14.1574	7.6620	7.8869	14.1571	14.1608	14.1642	0.0010	-0.0035	8.0921	14.1539	0.0006	8.7995	-23.3333	1.9976	0.0000	1.7353	0.0000	13.1797

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41.2198	7.8687	14.1571	7.6865	8.5195	14.1649	14.1559	14.1621	0.0001	-0.0002	8.8257	14.6018	-0.3144	14.3644	-23.3333	1.8597	0.0497	1.7393	0.0000	0.3320
41.3423	7.8861	14.1611	7.7100	8.5247	14.1545	14.1582	14.1621	-0.0005	0.0034	8.2974	14.6082	-0.3268	14.3667	-23.3333	1.7218	0.0507	1.7398	0.0000	0.9922
41.3401	7.8848	14.1635	7.7006	8.0152	14.1545	14.1593	14.1610	0.0019	-0.0055	7.9062	14.6028	-0.3173	14.3703	-23.3333	1.7218	0.0499	1.7398	0.0000	1.6523
42.5520	8.0696	14.1600	7.9076	9.0722	14.1510	14.1576	14.1563	-0.0023	0.0028	7.7578	14.6082	-0.3173	14.3750	-23.3333	1.5839	0.0499	1.7436	0.0000	2.3125
43.2454	8.1679	14.1577	7.9852	9.1494	14.1614	14.1611	14.1610	-0.0017	-0.0019	7.7315	14.6119	-0.3306	14.3773	-23.3333	1.7907	0.0510	1.7463	0.0000	2.9609
40.1785	7.7026	14.1594	7.5184	8.1050	14.1649	14.1547	14.1551	0.0050	-0.0025	7.8771	14.5837	-0.3211	14.3561	-23.3333	1.8597	0.0502	1.7365	0.0000	3.5703
39.9357	7.6746	14.1542	7.5025	8.2927	14.1701	14.1524	14.1586	0.0007	0.0034	8.1427	14.5891	-0.3173	14.3561	-23.3333	1.7218	0.0499	1.7349	0.0000	4.2305
40.2945	7.7243	14.1588	7.4866	8.0854	14.1614	14.1611	14.1586	0.0031	0.0010	8.7634	14.5864	-0.3344	14.3397	-23.3333	1.6528	0.0512	1.7365	0.0000	4.8906
40.3273	7.7274	14.1565	7.6060	8.5356	14.1632	14.1645	14.1598	0.0007	-0.0031	8.5972	14.5828	-0.3220	14.3538	-23.3333	1.9976	0.0503	1.7368	0.0000	5.5508
40.2179	7.7082	14.1640	7.5530	7.9449	14.1632	14.1542	14.1604	0.0007	0.0034	8.2889	14.5800	-0.3249	14.3538	-23.3333	1.7907	0.0505	1.7366	0.0000	6.1523
40.0451	7.6833	14.1600	7.4607	8.0918	14.1632	14.1582	14.1604	0.0001	0.0004	8.4048	14.5791	-0.3211	14.3514	-23.3333	1.5839	0.0502	1.7359	0.0000	6.8125
39.8592	7.6634	14.1588	7.4648	8.0031	14.1353	14.1565	14.1633	0.0056	0.0022	7.9394	14.5800	-0.3259	14.3526	-23.3333	1.7907	0.0506	1.7346	0.0000	7.4727
39.7367	7.6422	14.1623	7.4149	8.0359	14.1545	14.1599	14.1615	-0.0071	-0.0008	7.8166	14.5764	-0.3211	14.3503	-23.3333	1.7218	0.0502	1.7344	0.0000	8.1289
39.7629	7.6416	14.1583	7.4043	8.5477	14.1527	14.1599	14.1610	0.0019	0.0070	8.0964	14.5764	-0.3287	14.3503	-23.3333	1.8597	0.0508	1.7348	0.0000	8.7305
40.9901	7.8313	14.1571	7.6242	8.3825	14.1527	14.1582	14.1639	-0.0005	-0.0025	8.3363	14.5800	-0.3192	14.3526	-23.3333	1.7218	0.0500	1.7387	0.0000	9.3906
42.0270	7.9850	14.1606	7.7512	8.6508	14.1667	14.1588	14.1586	-0.0077	-0.0019	8.1118	14.5700	-0.3182	14.3503	-23.3333	1.6528	0.0499	1.7424	0.0000	10.0508
41.2789	7.8656	14.1640	7.6077	8.6629	14.1701	14.1547	14.1598	-0.0041	0.0028	7.8954	14.5691	-0.3192	14.3397	-23.3333	1.7907	0.0500	1.7405	0.0000	10.7109
40.1632	7.6988	14.1583	7.5319	8.3693	14.1510	14.1570	14.1574	-0.0011	-0.0008	7.6841	14.5637	-0.3268	14.3008	-23.3333	1.7218	0.0506	1.7365	0.0000	11.3711
38.7589	7.4848	14.1600	7.2755	8.0319	14.1614	14.1553	14.1580	0.0007	0.0004	7.7012	14.5527	-0.3240	14.3126	-23.3333	1.7907	0.0504	1.7316	0.0000	11.9727
39.4523	7.5980	14.1623	7.4125	7.7987	14.1579	14.1605	14.1610	-0.0005	-0.0031	8.4670	14.5627	-0.3144	14.3244	-23.3333	1.7218	0.0496	1.7334	0.0000	12.6289
41.1979	7.8519	14.1669	7.5936	8.8379	14.1684	14.1622	14.1610	0.0001	0.0010	8.9564	14.5637	-0.3297	14.3291	-23.3333	1.7907	0.0508	1.7403	0.0000	13.2891
41.0448	7.8251	14.1623	7.6524	8.5115	14.1684	14.1639	14.1586	0.0007	0.0022	9.0655	14.5609	-0.3230	14.3291	-23.3333	1.7218	0.0503	1.7401	0.0000	13.9492
40.4104	7.7349	14.1513	7.5448	7.8718	14.1492	14.1605	14.1598	0.0019	0.0022	8.1935	14.5627	-0.3230	14.3350	-23.3333	1.7218	0.0503	1.7375	0.0000	14.5508
39.9139	7.6665	14.1617	7.4831	8.2271	14.1597	14.1565	14.1639	-0.0023	-0.0037	8.1324	14.5527	-0.3306	14.3291	-23.3333	1.7907	0.0509	1.7352	0.0000	15.2109

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39.5367	7.4713	14.1084	7.8174	9.0967	14.1112	14.1147	14.1099	0.0013	-0.0041	8.8029	14.1161	0.0086	14.1063	-23.3333	2.1355	0.0000	1.7459	0.0000	0.3789
39.8167	7.5011	14.1119	7.8744	8.7547	14.1199	14.1073	14.1116	0.0025	-0.0005	8.1050	14.1125	-0.0076	14.1004	-23.3333	1.9976	0.0000	1.7480	0.0000	0.9297
39.9764	7.5279	14.1084	7.8962	9.0910	14.1008	14.1073	14.1093	0.0019	0.0001	7.6727	14.1152	0.0019	14.1145	-23.3333	2.0665	0.0000	1.7483	0.0000	1.4805
40.0157	7.5397	14.1136	7.8762	8.2320	14.0990	14.1118	14.1075	0.0073	0.0037	7.3598	14.1161	-0.0019	14.1075	-23.3333	2.0665	0.0000	1.7479	0.0000	2.0313
39.9457	7.5235	14.1107	7.8815	8.6350	14.1077	14.1090	14.1099	0.0043	0.0031	7.1091	14.1143	0.0048	14.1181	-23.3333	1.9976	0.0000	1.7481	0.0000	2.5313
39.8451	7.5111	14.1090	7.8380	7.6090	14.1147	14.1067	14.1099	-0.0005	-0.0023	7.1490	14.1179	0.0058	14.1087	-23.3333	2.2045	0.0000	1.7476	0.0000	3.0781
39.7204	7.4999	14.1113	7.8009	8.9614	14.1112	14.1090	14.1139	0.0007	-0.0029	7.5454	14.1061	-0.0076	14.1181	-23.3333	1.8597	0.0000	1.7465	0.0000	3.6289
39.5848	7.4756	14.1119	7.8256	9.1370	14.1060	14.1118	14.1110	0.0007	0.0061	7.2621	14.1152	0.0039	14.1204	-23.3333	1.9976	0.0000	1.7464	0.0000	4.1680
39.4273	7.4532	14.1142	7.7298	9.0760	14.1130	14.1084	14.1093	-0.0005	0.0007	8.5265	14.1107	0.0019	14.1087	-23.3333	2.0665	0.0000	1.7457	0.0000	4.7188
39.3201	7.4333	14.1107	7.7721	8.6741	14.1060	14.1101	14.1087	0.0025	-0.0017	8.7794	14.1143	-0.0047	14.1240	-23.3333	2.0665	0.0000	1.7457	0.0000	5.2695
39.1407	7.4059	14.1159	7.6998	10.6173	14.1025	14.1130	14.1116	0.0019	-0.0029	8.5607	14.1143	0.0058	14.1192	-23.3333	1.9286	0.0000	1.7451	0.0000	5.8203
38.9942	7.3873	14.1107	7.6046	8.5141	14.1199	14.1130	14.1116	0.0013	-0.0029	8.1924	14.1134	0.0010	14.0981	-23.3333	2.4115	0.0000	1.7443	0.0000	6.3711
38.8214	7.3574	14.1107	7.6734	7.8053	14.1112	14.1130	14.1081	0.0025	0.0043	8.2906	14.1152	-0.0028	14.1192	-23.3333	2.2735	0.0000	1.7440	0.0000	6.9180
38.6901	7.3381	14.1124	7.6392	8.5619	14.0955	14.1101	14.1128	0.0001	0.0043	8.0239	14.1161	-0.0009	14.1075	-23.3333	2.0665	0.0000	1.7435	0.0000	7.4688
38.4976	7.3120	14.1124	7.6287	9.2453	14.1077	14.1107	14.1122	-0.0011	0.0019	7.6304	14.1161	-0.0057	14.1122	-23.3333	1.9286	0.0000	1.7426	0.0000	8.0195
38.3226	7.2859	14.1096	7.5687	8.9591	14.1130	14.1130	14.1122	-0.0029	0.0055	7.3700	14.1198	-0.0095	14.1098	-23.3333	1.9976	0.0000	1.7419	0.0000	8.5703
38.1695	7.2684	14.1130	7.5740	8.4634	14.1164	14.1147	14.1128	0.0037	0.0091	7.1713	14.1134	-0.0019	14.1134	-23.3333	1.9976	0.0000	1.7409	0.0000	9.1211
38.0033	7.2311	14.1090	7.5264	8.4715	14.1234	14.1095	14.1099	0.0025	-0.0017	7.1085	14.1052	0.0029	14.1216	-23.3333	1.9976	0.0000	1.7414	0.0000	9.6680
37.8720	7.2168	14.1073	7.5663	8.2803	14.1095	14.1095	14.1087	0.0019	-0.0011	7.9571	14.1070	0.0029	14.1145	-23.3333	2.2045	0.0000	1.7404	0.0000	10.2188
37.7320	7.1957	14.1107	7.5081	8.0408	14.1060	14.1078	14.1099	-0.0005	0.0067	8.3666	14.1134	-0.0028	14.1169	-23.3333	2.0665	0.0000	1.7399	0.0000	10.7695
37.6117	7.1789	14.1055	7.4617	7.6965	14.1112	14.1084	14.1110	-0.0047	-0.0017	8.1107	14.1098	-0.0009	14.1040	-23.3333	2.0665	0.0000	1.7394	0.0000	11.3086
37.4717	7.1521	14.1107	7.4376	8.9453	14.1060	14.1107	14.1116	-0.0029	-0.0064	8.0353	14.1125	0.0019	14.0945	-23.3333	1.9286	0.0000	1.7394	0.0000	11.8594
37.3645	7.1403	14.1153	7.3835	8.4628	14.1130	14.1118	14.1151	-0.0011	0.0025	7.6733	14.1125	0.0029	14.1134	-23.3333	1.8597	0.0000	1.7386	0.0000	12.4102
37.2858	7.1328	14.1078	7.4082	8.0316	14.1095	14.1118	14.1087	-0.0005	0.0031	7.4671	14.1152	0.0039	14.1169	-23.3333	1.9976	0.0000	1.7379	0.0000	12.9609

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40.8551	7.6903	14.1075	7.6616	8.2125	14.1099	14.1049	14.1102	0.0004	0.0007	8.6604	16.9842	-0.2711	16.7708	-23.3333	24.8788	0.0497	1.7485	0.0000	0.3906
43.6748	8.1171	14.1086	8.0714	8.6713	14.1134	14.1106	14.1067	0.0028	-0.0089	8.3703	16.9933	-0.2758	16.7826	-23.3333	24.8072	0.0501	1.7569	0.0000	1.0508
44.6110	8.2627	14.1103	8.1749	9.2983	14.1116	14.1118	14.1073	-0.0002	-0.0065	8.2041	17.0015	-0.2777	16.7955	-23.3333	24.8788	0.0503	1.7591	0.0000	1.6484
43.7579	8.1233	14.1075	8.0732	8.3725	14.1151	14.1129	14.1090	-0.0002	-0.0029	7.9539	17.0142	-0.2834	16.7967	-23.3333	25.1653	0.0509	1.7576	0.0000	2.3086
40.9710	7.7034	14.1080	7.6234	8.1365	14.1029	14.1129	14.1108	-0.0038	0.0031	7.5713	17.0178	-0.2806	16.8026	-23.3333	24.8072	0.0506	1.7493	0.0000	2.9688
41.1657	7.7426	14.1121	7.6986	7.7893	14.1012	14.1135	14.1137	-0.0032	-0.0059	7.4777	16.9678	-0.2815	16.7614	-23.3333	24.8788	0.0506	1.7490	0.0000	3.6289
43.6704	8.1227	14.1098	8.0614	8.6961	14.1168	14.1123	14.1079	-0.0026	0.0001	8.2378	16.9496	-0.2806	16.7355	-23.3333	24.6640	0.0505	1.7564	0.0000	4.2891
43.8038	8.1420	14.1023	7.9738	8.4813	14.0977	14.1129	14.1102	0.0004	0.0019	8.6581	16.9096	-0.2787	16.7014	-23.3333	24.8788	0.0503	1.7568	0.0000	4.9492
42.8194	7.9827	14.1115	7.9121	8.5078	14.1029	14.1129	14.1102	0.0004	0.0055	9.2132	16.8305	-0.2863	16.6320	-23.3333	24.5925	0.0508	1.7549	0.0000	5.6094
41.7629	7.8284	14.1040	7.7845	7.7260	14.1168	14.1146	14.1096	0.0010	-0.0106	8.6238	16.8023	-0.2815	16.6002	-23.3333	24.6640	0.0504	1.7513	0.0000	6.2109
39.8423	7.5423	14.1092	7.4552	7.9660	14.1134	14.1112	14.1073	0.0028	0.0037	8.4902	16.7778	-0.2796	16.5849	-23.3333	24.8788	0.0502	1.7448	0.0000	6.8672
41.0804	7.7245	14.1057	7.6998	8.1353	14.1046	14.1123	14.1096	-0.0063	-0.0029	8.0893	16.7914	-0.2796	16.6002	-23.3333	24.6640	0.0502	1.7492	0.0000	7.5273
42.4038	7.9261	14.1126	7.8456	7.9177	14.1186	14.1100	14.1044	0.0010	-0.0005	8.0310	16.8078	-0.2796	16.6026	-23.3333	24.5925	0.0502	1.7531	0.0000	8.1875
41.9598	7.8502	14.1103	7.8033	8.2424	14.1134	14.1135	14.1126	-0.0044	-0.0011	8.3074	16.7860	-0.2796	16.5849	-23.3333	24.6640	0.0502	1.7525	0.0000	8.8477
41.1810	7.7314	14.1115	7.6192	8.3167	14.1151	14.1141	14.1079	-0.0069	-0.0053	8.3948	16.7841	-0.2873	16.5837	-23.3333	24.8788	0.0509	1.7502	0.0000	9.4492
40.4679	7.6281	14.1109	7.5469	8.4451	14.1134	14.1083	14.1108	-0.0020	0.0001	7.8466	16.7796	-0.2787	16.5720	-23.3333	24.8072	0.0501	1.7476	0.0000	10.1094
40.0042	7.5640	14.1092	7.5128	8.5078	14.1203	14.1095	14.1102	-0.0038	0.0019	7.6193	16.7632	-0.2825	16.5555	-23.3333	24.7356	0.0504	1.7456	0.0000	10.7695
39.7810	7.5280	14.1086	7.4440	7.3690	14.1046	14.1141	14.1120	0.0052	-0.0029	7.4320	16.7450	-0.2796	16.5426	-23.3333	24.6640	0.0501	1.7450	0.0000	11.4297
39.6957	7.5043	14.1109	7.4264	8.0236	14.1168	14.1152	14.1120	0.0016	0.0001	7.7621	16.7305	-0.2854	16.5284	-23.3333	24.6640	0.0506	1.7457	0.0000	12.0898
39.7460	7.5174	14.1161	7.4529	8.1399	14.1081	14.1089	14.1108	-0.0032	0.0037	8.5353	16.7041	-0.2854	16.5096	-23.3333	24.8788	0.0506	1.7454	0.0000	12.7500
39.8357	7.5323	14.1086	7.5193	8.5072	14.1116	14.1095	14.1131	-0.0026	0.0013	8.6912	16.6823	-0.2796	16.4696	-23.3333	24.6640	0.0500	1.7455	0.0000	13.3477
39.9013	7.5379	14.1109	7.4599	7.8509	14.1099	14.1118	14.1108	-0.0002	0.0019	8.7129	16.6723	-0.2834	16.4673	-23.3333	24.8072	0.0503	1.7461	0.0000	14.0078
39.7920	7.5236	14.1115	7.4581	7.7047	14.1116	14.1089	14.1120	-0.0014	0.0019	7.9933	16.6741	-0.2834	16.4720	-23.3333	24.6640	0.0503	1.7456	0.0000	14.6680
39.6148	7.4987	14.1098	7.4387	8.1451	14.1064	14.1118	14.1108	-0.0020	-0.0071	7.8803	16.6741	-0.2787	16.4649	-23.3333	24.7356	0.0499	1.7448	0.0000	15.3281

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35.6712	6.8685	14.1700	6.8844	7.1900	14.1779	14.1737	14.1695	-0.0051	0.0020	7.5581	23.0162	-0.2090	22.8445	-23.3333	25.2370	0.0507	1.7336	0.0000	0.3906
35.5137	6.8542	14.1712	6.8786	6.8935	14.1779	14.1686	14.1701	0.0034	0.0139	7.1001	23.0489	-0.2080	22.8881	-23.3333	25.6671	0.0506	1.7320	0.0000	1.0430
35.3803	6.8330	14.1798	6.7804	7.2591	14.1831	14.1692	14.1725	0.0034	0.0037	6.6729	23.0862	-0.2080	22.9128	-23.3333	25.5954	0.0506	1.7316	0.0000	1.7031
35.2381	6.8007	14.1718	6.8645	7.0161	14.1744	14.1697	14.1701	-0.0021	-0.0034	6.3822	23.1353	-0.2147	22.9504	-23.3333	25.5954	0.0515	1.7321	0.0000	2.3633
35.1199	6.7802	14.1695	6.9056	7.1169	14.1709	14.1714	14.1695	0.0010	0.0079	6.2155	23.1381	-0.2109	22.9575	-23.3333	25.3086	0.0510	1.7318	0.0000	3.0234
34.9865	6.7690	14.1793	6.7786	7.8026	14.1640	14.1692	14.1701	0.0022	0.0073	6.2172	23.1681	-0.2118	22.9892	-23.3333	25.3803	0.0512	1.7304	0.0000	3.6836
34.9318	6.7671	14.1752	6.7874	6.7115	14.1814	14.1697	14.1684	-0.0027	-0.0046	7.0487	23.1935	-0.2195	23.0045	-23.3333	25.3086	0.0521	1.7296	0.0000	4.3398
34.9734	6.7671	14.1735	6.8092	8.0962	14.1796	14.1657	14.1701	0.0004	0.0109	7.2171	23.2190	-0.2109	23.0398	-23.3333	25.4520	0.0511	1.7303	0.0000	5.0000
35.0718	6.7845	14.1752	6.7604	7.4836	14.1831	14.1709	14.1701	0.0070	0.0061	7.1206	23.2417	-0.2138	23.0704	-23.3333	25.4520	0.0515	1.7305	0.0000	5.6602
35.1899	6.8044	14.1723	6.8886	7.0363	14.1744	14.1714	14.1684	-0.0027	0.0002	7.1697	23.2708	-0.2080	23.0951	-23.3333	25.3086	0.0508	1.7308	0.0000	6.2617
35.3015	6.8150	14.1677	6.8268	7.2994	14.1761	14.1669	14.1748	-0.0002	0.0103	7.2485	23.2854	-0.2128	23.1069	-23.3333	25.2370	0.0514	1.7319	0.0000	6.9219
35.3606	6.8193	14.1712	6.8527	7.8348	14.1831	14.1686	14.1730	0.0028	0.0008	7.0629	23.3099	-0.2147	23.1328	-23.3333	25.3803	0.0517	1.7325	0.0000	7.5820
35.4152	6.8312	14.1775	6.8745	7.6028	14.1831	14.1726	14.1678	-0.0008	0.0026	6.8568	23.3190	-0.2195	23.1293	-23.3333	25.4520	0.0523	1.7324	0.0000	8.2422
35.4743	6.8480	14.1643	6.8580	7.1629	14.1692	14.1697	14.1678	-0.0039	-0.0016	7.1783	23.3227	-0.2138	23.1457	-23.3333	25.2370	0.0516	1.7319	0.0000	8.9023
35.4634	6.8393	14.1752	6.8374	7.0599	14.1849	14.1657	14.1725	0.0064	0.0020	6.8636	23.3408	-0.2128	23.1610	-23.3333	25.3803	0.0515	1.7325	0.0000	9.5625
35.5202	6.8517	14.1746	6.7880	7.5389	14.1779	14.1692	14.1748	-0.0021	0.0043	6.6620	23.3572	-0.2166	23.1669	-23.3333	25.4520	0.0520	1.7324	0.0000	10.2227
35.5421	6.8579	14.1706	6.8886	7.1013	14.1709	14.1680	14.1701	-0.0033	0.0067	6.4907	23.3745	-0.2128	23.1916	-23.3333	25.3086	0.0515	1.7322	0.0000	10.8828
35.5421	6.8623	14.1752	6.8668	7.6091	14.1640	14.1709	14.1713	0.0070	0.0079	6.6455	23.3999	-0.2147	23.2316	-23.3333	25.3803	0.0518	1.7318	0.0000	11.5430
35.5749	6.8629	14.1746	6.8862	7.0581	14.1709	14.1697	14.1684	0.0040	-0.0004	7.0213	23.4227	-0.2118	23.2293	-23.3333	25.6671	0.0515	1.7323	0.0000	12.1406
35.6318	6.8716	14.1752	6.8233	7.3702	14.1640	14.1714	14.1660	-0.0008	0.0067	7.7791	23.4309	-0.2195	23.2434	-23.3333	25.3803	0.0524	1.7325	0.0000	12.8008
35.6974	6.8785	14.1706	6.8609	6.8491	14.1727	14.1726	14.1719	0.0022	0.0085	7.6106	23.4290	-0.2128	23.2552	-23.3333	25.3086	0.0516	1.7331	0.0000	13.4609
35.6952	6.8841	14.1816	6.8868	7.9338	14.1727	14.1732	14.1689	0.0028	0.0026	7.4216	23.4390	-0.2138	23.2622	-23.3333	25.3086	0.0517	1.7325	0.0000	14.1211
35.6493	6.8716	14.1729	6.9344	6.9747	14.1814	14.1697	14.1678	-0.0051	0.0026	6.9584	23.4436	-0.2109	23.2399	-23.3333	25.2370	0.0514	1.7329	0.0000	14.7813
35.6143	6.8691	14.1718	6.9332	7.6863	14.1849	14.1686	14.1695	0.0040	0.0002	6.9876	23.4572	-0.2090	23.2752	-23.3333	25.3803	0.0511	1.7325	0.0000	15.4414

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37.3108	7.1344	14.1692	7.0954	7.3964	14.1693	14.1730	14.1721	0.0007	0.0018	8.1096	22.6190	-0.2180	16.4665	-23.3333	25.1653	0.0513	1.7382	0.0000	0.3867
37.1227	7.1033	14.1640	7.0848	7.2554	14.1762	14.1673	14.1739	-0.0023	0.0006	7.5751	22.6454	-0.2219	16.4547	-23.3333	25.2370	0.0518	1.7377	0.0000	1.0469
36.9171	7.0796	14.1674	7.1148	8.1582	14.1658	14.1690	14.1762	-0.0029	0.0000	7.1416	22.6936	-0.2142	16.4865	-23.3333	25.3086	0.0509	1.7362	0.0000	1.6992
36.7487	7.0466	14.1697	6.9954	6.8075	14.1728	14.1719	14.1733	0.0044	0.0047	6.8304	22.6790	-0.2209	16.4994	-23.3333	25.1653	0.0517	1.7363	0.0000	2.3594
36.5584	7.0193	14.1668	7.0313	7.3147	14.1728	14.1679	14.1692	-0.0017	-0.0036	6.6539	22.6790	-0.2266	16.4947	-23.3333	25.3086	0.0524	1.7355	0.0000	3.0195
36.4009	6.9950	14.1715	6.9296	6.6175	14.1780	14.1696	14.1715	-0.0041	0.0012	6.6420	22.6690	-0.2180	16.5006	-23.3333	25.2370	0.0514	1.7349	0.0000	3.6289
36.2434	6.9720	14.1709	6.9384	7.8133	14.1710	14.1730	14.1680	0.0056	0.0071	7.3821	22.6299	-0.2133	16.4994	-23.3333	25.2370	0.0508	1.7342	0.0000	4.2891
36.0946	6.9527	14.1715	7.0084	7.3320	14.1588	14.1696	14.1715	-0.0059	0.0035	7.6607	22.5644	-0.2180	16.4629	-23.3333	25.1653	0.0513	1.7333	0.0000	4.9492
35.9437	6.9272	14.1692	6.9578	7.5168	14.1728	14.1667	14.1698	-0.0005	-0.0030	7.4597	22.5472	-0.2180	16.4606	-23.3333	25.1653	0.0512	1.7330	0.0000	5.5977
35.8080	6.8936	14.1645	6.8996	6.7459	14.1745	14.1708	14.1680	0.0007	0.0041	7.4420	22.5472	-0.2142	16.4594	-23.3333	25.3086	0.0508	1.7337	0.0000	6.2578
35.6593	6.8799	14.1692	6.9361	7.9181	14.1745	14.1662	14.1703	-0.0041	-0.0060	7.5066	22.5381	-0.2228	16.4594	-23.3333	25.2370	0.0518	1.7323	0.0000	6.9180
35.5259	6.8619	14.1703	6.8826	7.1224	14.1693	14.1736	14.1686	0.0038	-0.0006	7.2907	22.4844	-0.2199	16.4453	-23.3333	25.2370	0.0514	1.7315	0.0000	7.5273
35.3924	6.8438	14.1622	6.8414	7.3130	14.1675	14.1708	14.1698	0.0013	0.0006	7.0720	22.4644	-0.2266	16.4159	-23.3333	25.1653	0.0521	1.7308	0.0000	8.1875
35.2743	6.8289	14.1767	6.8573	6.6814	14.1745	14.1708	14.1756	-0.0077	-0.0084	7.4146	22.4626	-0.2199	16.4100	-23.3333	25.0937	0.0514	1.7300	0.0000	8.8477
35.2240	6.8146	14.1645	6.8179	7.3579	14.1658	14.1702	14.1686	0.0013	-0.0024	7.0725	22.4362	-0.2180	16.4112	-23.3333	25.1653	0.0511	1.7304	0.0000	9.5000
35.1277	6.8034	14.1674	6.7779	7.6037	14.1728	14.1696	14.1715	-0.0029	-0.0018	6.8184	22.3935	-0.2209	16.3841	-23.3333	25.3803	0.0514	1.7297	0.0000	10.1602
35.1102	6.7972	14.1749	6.7603	7.7281	14.1623	14.1725	14.1692	-0.0029	-0.0006	6.6619	22.3589	-0.2199	16.4018	-23.3333	25.2370	0.0512	1.7300	0.0000	10.7695
35.1277	6.8065	14.1668	6.8249	6.8575	14.1832	14.1696	14.1703	0.0013	0.0000	6.7516	22.3444	-0.2199	16.4335	-23.3333	25.2370	0.0512	1.7294	0.0000	11.4297
35.0818	6.7965	14.1651	6.8061	7.1518	14.1728	14.1736	14.1750	-0.0023	0.0047	7.1354	22.3498	-0.2219	16.4076	-23.3333	25.2370	0.0515	1.7295	0.0000	12.0898
35.0468	6.7860	14.1720	6.7609	6.3601	14.1815	14.1696	14.1698	0.0025	-0.0030	7.8675	22.3426	-0.2190	16.3947	-23.3333	25.2370	0.0511	1.7299	0.0000	12.7383
35.0359	6.7866	14.1605	6.7961	7.7292	14.1675	14.1708	14.1703	0.0025	0.0077	7.6887	22.3417	-0.2142	16.4571	-23.3333	25.0937	0.0506	1.7296	0.0000	13.3984
35.2437	6.8214	14.1611	6.8249	8.1582	14.1675	14.1713	14.1703	-0.0041	0.0006	7.5294	22.3553	-0.2238	16.4476	-23.3333	25.2370	0.0517	1.7302	0.0000	14.0078
35.5171	6.8594	14.1703	6.8978	6.7608	14.1797	14.1725	14.1709	0.0019	-0.0018	7.0760	22.3526	-0.2161	16.4676	-23.3333	25.3086	0.0508	1.7316	0.0000	14.6680
35.7424	6.8843	14.1622	6.9172	7.7563	14.1693	14.1702	14.1674	-0.0017	-0.0036	7.1376	22.3480	-0.2152	16.4594	-23.3333	25.0937	0.0507	1.7334	0.0000	15.3281

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41.1924	7.7261	14.1660	7.6601	8.6386	14.1734	14.1694	14.1705	-0.0005	-0.0066	8.6237	13.3059	-0.1176	13.9253	-23.3333	25.3086	0.0290	1.7509	0.0000	0.3789
40.4902	7.6216	14.1701	7.5754	8.5212	14.1839	14.1682	14.1682	-0.0077	-0.0018	8.0087	13.3086	-0.1166	13.9324	-23.3333	25.3086	0.0288	1.7485	0.0000	1.1016
40.0571	7.5582	14.1626	7.4914	8.4532	14.1699	14.1677	14.1670	-0.0023	0.0012	7.5798	13.3023	-0.1261	13.9230	-23.3333	25.2370	0.0300	1.7469	0.0000	1.7617
39.7289	7.5140	14.1660	7.4279	7.9880	14.1734	14.1700	14.1746	0.0025	-0.0018	7.2160	13.2932	-0.1185	13.9300	-23.3333	25.3086	0.0291	1.7454	0.0000	2.4102
39.8099	7.5158	14.1695	7.4908	8.3346	14.1821	14.1734	14.1664	-0.0071	-0.0095	7.0247	13.2968	-0.1195	13.9253	-23.3333	23.0917	0.0292	1.7466	0.0000	3.0703
39.7180	7.5046	14.1649	7.4467	7.8401	14.1647	14.1694	14.1723	-0.0090	0.0000	7.0087	13.2950	-0.1261	13.9183	-23.3333	25.1653	0.0300	1.7460	0.0000	3.7305
39.4840	7.4686	14.1556	7.4255	7.9420	14.1734	14.1694	14.1682	-0.0041	0.0000	7.5524	13.2859	-0.1214	13.9183	-23.3333	25.1653	0.0294	1.7453	0.0000	4.3906
39.2390	7.4319	14.1718	7.3932	7.6570	14.1682	14.1723	14.1711	-0.0017	-0.0024	7.7574	13.2941	-0.1242	13.9312	-23.3333	25.1653	0.0297	1.7444	0.0000	5.0508
39.0290	7.4039	14.1637	7.3326	7.7905	14.1786	14.1682	14.1693	-0.0102	-0.0024	8.3650	13.2941	-0.1233	13.9088	-23.3333	25.2370	0.0296	1.7434	0.0000	5.7109
38.8452	7.3746	14.1574	7.2691	7.9333	14.1612	14.1682	14.1705	-0.0029	0.0000	7.8482	13.2786	-0.1223	13.9312	-23.3333	25.2370	0.0295	1.7429	0.0000	6.4219
38.6330	7.3292	14.1695	7.2773	7.5879	14.1751	14.1682	14.1658	0.0037	0.0006	7.8625	13.2841	-0.1223	13.9277	-23.3333	25.2370	0.0295	1.7434	0.0000	7.0781
38.2874	7.2863	14.1701	7.2603	8.6225	14.1717	14.1677	14.1682	-0.0023	0.0036	7.5581	13.2804	-0.1252	13.9194	-23.3333	25.2370	0.0298	1.7413	0.0000	7.7383
38.1890	7.2720	14.1666	7.2003	8.1809	14.1664	14.1705	14.1728	0.0007	0.0030	7.3765	13.2832	-0.1204	13.9383	-23.3333	25.4520	0.0293	1.7409	0.0000	8.3984
38.0730	7.2502	14.1660	7.2050	7.5735	14.1786	14.1671	14.1653	0.0025	0.0066	7.7174	13.2795	-0.1319	13.9288	-23.3333	25.1653	0.0306	1.7409	0.0000	9.0586
37.8324	7.2172	14.1712	7.1221	7.8308	14.1699	14.1700	14.1717	0.0013	-0.0066	7.5638	13.2859	-0.1271	13.9312	-23.3333	25.1653	0.0301	1.7397	0.0000	9.7188
37.6202	7.1861	14.1718	7.1509	7.4474	14.1769	14.1700	14.1688	-0.0023	0.0036	7.1755	13.2750	-0.1233	13.9406	-23.3333	25.2370	0.0296	1.7388	0.0000	10.3789
37.4649	7.1544	14.1620	7.1204	7.1175	14.1682	14.1705	14.1740	0.0013	0.0054	6.9881	13.2777	-0.1271	13.9288	-23.3333	25.3086	0.0301	1.7390	0.0000	11.0898
36.8830	7.0735	14.1741	7.0474	7.5746	14.1751	14.1700	14.1705	-0.0065	-0.0066	6.8831	13.2722	-0.1233	13.9241	-23.3333	25.1653	0.0296	1.7362	0.0000	11.7500
37.0143	7.0903	14.1683	7.0962	7.8752	14.1717	14.1717	14.1717	0.0025	0.0054	7.2623	13.2732	-0.1195	13.9336	-23.3333	25.0937	0.0291	1.7370	0.0000	12.4102
36.9202	7.0716	14.1574	7.0128	7.9679	14.1839	14.1688	14.1693	-0.0023	-0.0066	8.0127	13.2686	-0.1290	13.9312	-23.3333	25.2370	0.0303	1.7370	0.0000	13.0703
36.7496	7.0524	14.1724	7.0439	7.6195	14.1612	14.1659	14.1764	0.0049	-0.0042	7.9464	13.2750	-0.1281	13.9347	-23.3333	25.1653	0.0302	1.7358	0.0000	13.7305
36.5308	7.0156	14.1672	6.9634	7.4284	14.1786	14.1711	14.1693	-0.0029	-0.0036	7.8904	13.2750	-0.1185	13.9206	-23.3333	25.1653	0.0290	1.7353	0.0000	14.3906
36.2749	6.9852	14.1695	6.9645	7.5482	14.1804	14.1694	14.1717	0.0013	0.0000	7.1435	13.2686	-0.1242	13.9336	-23.3333	25.2370	0.0297	1.7335	0.0000	15.0508
36.1568	6.9621	14.1724	6.8922	7.4267	14.1734	14.1682	14.1699	-0.0029	-0.0066	7.1224	13.2704	-0.1261	13.9300	-23.3333	25.0937	0.0299	1.7336	0.0000	15.7109

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41.8442	7.8945	14.1410	8.1910	9.3676	14.1700	14.1435	14.1675	-0.0076	-0.0069	8.9676	14.1408	0.0017	14.1489	-23.3333	2.2045	0.0000	1.7470	0.0000	0.3828
42.2270	7.9499	14.1410	8.2762	9.1650	14.1543	14.1423	14.1657	-0.0022	0.0122	8.3411	14.1335	0.0026	14.1300	-23.3333	2.2045	0.0000	1.7484	0.0000	0.9297
42.3189	7.9536	14.1439	8.2739	9.5012	14.1613	14.1417	14.1669	0.0015	0.0069	7.8991	14.1517	-0.0022	14.1418	-23.3333	2.2045	0.0000	1.7495	0.0000	1.5313
42.2423	7.9474	14.1444	8.2615	10.4236	14.1595	14.1429	14.1657	0.0021	0.0039	7.5633	14.1371	0.0026	14.1147	-23.3333	2.0665	0.0000	1.7488	0.0000	2.0820
42.0804	7.9213	14.1427	8.2027	10.2284	14.1578	14.1417	14.1587	-0.0046	0.0057	7.2984	14.1444	0.0017	14.1430	-23.3333	2.2735	0.0000	1.7485	0.0000	2.6328
41.9142	7.8889	14.1427	8.1669	9.2974	14.1543	14.1463	14.1640	0.0027	0.0009	7.6570	14.1399	-0.0050	14.1324	-23.3333	2.4115	0.0000	1.7486	0.0000	3.1797
41.6932	7.8591	14.1404	8.1287	8.5092	14.1508	14.1440	14.1634	-0.0015	0.0122	7.7798	14.1481	0.0017	14.1183	-23.3333	2.0665	0.0000	1.7476	0.0000	3.7305
41.4701	7.8292	14.1416	8.0787	9.4862	14.1630	14.1435	14.1652	-0.0052	0.0069	7.4988	14.1444	-0.0041	14.1406	-23.3333	1.9286	0.0000	1.7466	0.0000	4.2813
41.2382	7.7962	14.1416	7.9999	9.6964	14.1560	14.1452	14.1681	-0.0015	0.0051	8.8591	14.1417	-0.0003	14.1347	-23.3333	2.1355	0.0000	1.7457	0.0000	4.8320
40.9473	7.7514	14.1439	7.9934	9.2577	14.1491	14.1452	14.1657	-0.0028	0.0075	9.0196	14.1453	0.0026	14.1347	-23.3333	2.0665	0.0000	1.7448	0.0000	5.3828
40.7089	7.7104	14.1421	7.9476	9.0003	14.1647	14.1446	14.1675	-0.0009	0.0098	8.7232	14.1444	0.0045	14.1383	-23.3333	2.2045	0.0000	1.7444	0.0000	5.9805
40.5339	7.6867	14.1473	7.9399	9.1569	14.1578	14.1446	14.1663	0.0015	0.0086	8.3531	14.1462	0.0017	14.1347	-23.3333	1.9976	0.0000	1.7436	0.0000	6.5313
40.3129	7.6581	14.1450	7.8935	8.3330	14.1456	14.1446	14.1692	0.0003	0.0194	8.4108	14.1390	-0.0003	14.1477	-23.3333	2.2045	0.0000	1.7425	0.0000	7.0820
40.1620	7.6245	14.1433	7.9093	9.7378	14.1787	14.1406	14.1628	-0.0015	0.0027	8.1538	14.1417	-0.0003	14.1442	-23.3333	2.0665	0.0000	1.7429	0.0000	7.6328
39.9870	7.6015	14.1387	7.8717	8.4401	14.1508	14.1406	14.1611	-0.0009	0.0057	7.7295	14.1453	0.0007	14.1347	-23.3333	2.2045	0.0000	1.7420	0.0000	8.1797
39.8054	7.5735	14.1462	7.8259	9.1765	14.1734	14.1446	14.1657	-0.0003	0.0104	7.4731	14.1444	-0.0041	14.1430	-23.3333	2.1355	0.0000	1.7414	0.0000	8.7305
39.6567	7.5499	14.1479	7.8000	7.6986	14.1682	14.1383	14.1628	0.0033	0.0122	7.2932	14.1408	-0.0022	14.1324	-23.3333	2.1355	0.0000	1.7410	0.0000	9.2813
39.4423	7.5175	14.1375	7.7424	8.6100	14.1334	14.1435	14.1669	0.0015	0.0033	7.2578	14.1453	0.0007	14.1453	-23.3333	1.9976	0.0000	1.7403	0.0000	9.8320
39.3483	7.5013	14.1416	7.7283	9.6129	14.1613	14.1446	14.1669	-0.0009	0.0051	8.0727	14.1390	-0.0031	14.1289	-23.3333	2.1355	0.0000	1.7401	0.0000	10.3828
39.1908	7.4870	14.1364	7.7647	8.7527	14.1613	14.1417	14.1628	-0.0034	0.0021	8.5570	14.1390	0.0017	14.1406	-23.3333	2.2045	0.0000	1.7388	0.0000	10.9297
39.0070	7.4509	14.1404	7.7294	9.1558	14.1630	14.1423	14.1698	0.0081	0.0104	8.2623	14.1471	0.0007	14.1453	-23.3333	2.2045	0.0000	1.7388	0.0000	11.5313
38.8867	7.4260	14.1462	7.6571	8.4856	14.1665	14.1463	14.1657	-0.0028	0.0033	8.2184	14.1453	-0.0022	14.1324	-23.3333	2.1355	0.0000	1.7390	0.0000	12.0820
38.7183	7.4130	14.1393	7.6442	7.0100	14.1647	14.1435	14.1681	-0.0015	-0.0045	7.7872	14.1490	0.0017	14.1500	-23.3333	2.3425	0.0000	1.7373	0.0000	12.6328
38.5783	7.3887	14.1352	7.6442	9.4413	14.1525	14.1417	14.1605	-0.0046	0.0069	7.5719	14.1453	0.0007	14.1406	-23.3333	2.0665	0.0000	1.7371	0.0000	13.1797

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39.7360	7.5638	14.1506	7.8260	8.2959	14.1478	14.1496	14.1514	0.0006	-0.0008	8.8473	14.1484	-0.0039	14.1478	-23.3333	1.9976	0.0000	1.7411	0.0000	0.3789
39.9394	7.5974	14.1506	7.9300	9.7295	14.1530	14.1508	14.1502	-0.0001	-0.0038	8.1740	14.1502	0.0027	14.1572	-23.3333	1.9286	0.0000	1.7416	0.0000	0.9297
40.5694	7.6938	14.1506	8.0600	10.2200	14.1443	14.1502	14.1497	0.0030	-0.0002	7.8017	14.1565	-0.0049	14.1548	-23.3333	1.8597	0.0000	1.7436	0.0000	1.4805
41.9060	7.8941	14.1529	8.2440	9.5976	14.1461	14.1439	14.1526	0.0030	-0.0086	7.5858	14.1493	0.0018	14.1419	-23.3333	2.0665	0.0000	1.7480	0.0000	2.0313
41.3176	7.8039	14.1529	8.0576	9.5821	14.1408	14.1479	14.1526	0.0024	-0.0115	7.3620	14.1502	-0.0039	14.1572	-23.3333	1.9286	0.0000	1.7463	0.0000	2.5820
39.6113	7.5495	14.1511	7.7730	8.5204	14.1530	14.1473	14.1532	-0.0031	-0.0014	7.8297	14.1520	-0.0030	14.1513	-23.3333	2.3425	0.0000	1.7403	0.0000	3.1289
38.1238	7.3292	14.1494	7.5543	9.1791	14.1495	14.1490	14.1491	0.0024	-0.0086	7.5915	14.1520	-0.0011	14.1419	-23.3333	1.9976	0.0000	1.7346	0.0000	3.7305
38.3929	7.3610	14.1500	7.6237	8.0017	14.1356	14.1496	14.1526	-0.0019	-0.0032	7.2860	14.1547	-0.0011	14.1501	-23.3333	1.9976	0.0000	1.7364	0.0000	4.2813
38.6401	7.4095	14.1506	7.6443	9.1917	14.1356	14.1536	14.1497	0.0018	0.0004	8.5715	14.1529	-0.0001	14.1454	-23.3333	2.3425	0.0000	1.7363	0.0000	4.8320
38.7276	7.4039	14.1523	7.6884	9.2073	14.1826	14.1530	14.1502	-0.0061	-0.0056	8.7177	14.1502	-0.0020	14.1478	-23.3333	1.9286	0.0000	1.7383	0.0000	5.3789
38.7626	7.4201	14.1454	7.6854	8.0702	14.1408	14.1473	14.1485	0.0012	-0.0044	8.5121	14.1447	0.0065	14.1548	-23.3333	1.9286	0.0000	1.7374	0.0000	5.9297
38.6773	7.4120	14.1529	7.6984	7.7224	14.1495	14.1485	14.1485	-0.0025	-0.0002	8.2037	14.1538	-0.0011	14.1595	-23.3333	1.9976	0.0000	1.7367	0.0000	6.4805
38.5373	7.3840	14.1477	7.6801	8.2014	14.1426	14.1536	14.1502	0.0024	-0.0002	8.3088	14.1456	-0.0011	14.1501	-23.3333	1.9286	0.0000	1.7368	0.0000	7.0313
40.0138	7.6160	14.1523	7.9259	9.9863	14.1426	14.1559	14.1502	0.0024	0.0010	8.1883	14.1456	-0.0087	14.1654	-23.3333	1.8597	0.0000	1.7412	0.0000	7.5820
39.9176	7.5936	14.1511	7.8324	8.9119	14.1513	14.1530	14.1479	-0.0025	0.0022	7.8668	14.1447	0.0037	14.1454	-23.3333	1.9286	0.0000	1.7416	0.0000	8.1289
37.6163	7.2471	14.1506	7.4779	9.0512	14.1495	14.1496	14.1497	-0.0031	0.0010	7.5264	14.1447	0.0151	14.1537	-23.3333	1.9286	0.0000	1.7332	0.0000	8.7305
37.4566	7.2284	14.1465	7.4720	8.9787	14.1339	14.1467	14.1520	0.0042	-0.0068	7.2078	14.1511	0.0037	14.1607	-23.3333	1.9286	0.0000	1.7321	0.0000	9.2813
38.6904	7.4163	14.1511	7.7195	7.6269	14.1443	14.1502	14.1485	-0.0025	-0.0062	7.2158	14.1465	0.0085	14.1572	-23.3333	2.1355	0.0000	1.7365	0.0000	9.8320
39.7491	7.5681	14.1483	7.8277	9.1468	14.1530	14.1502	14.1491	-0.0019	0.0028	8.2054	14.1484	0.0065	14.1478	-23.3333	1.9286	0.0000	1.7410	0.0000	10.3789
39.4560	7.5221	14.1477	7.7630	8.3747	14.1565	14.1508	14.1485	-0.0013	-0.0056	8.7451	14.1429	0.0008	14.1501	-23.3333	2.0665	0.0000	1.7401	0.0000	10.9297
37.8810	7.2819	14.1488	7.5026	8.3022	14.1356	14.1485	14.1491	-0.0007	0.0004	8.3950	14.1511	-0.0039	14.1654	-23.3333	1.9976	0.0000	1.7347	0.0000	11.4805
37.3691	7.2191	14.1511	7.5008	8.6045	14.1373	14.1479	14.1485	0.0042	-0.0074	8.2797	14.1511	-0.0039	14.1490	-23.3333	1.9976	0.0000	1.7314	0.0000	12.0313
39.1257	7.4779	14.1483	7.7513	8.2895	14.1373	14.1421	14.1549	0.0012	0.0004	8.0078	14.1556	-0.0011	14.1537	-23.3333	1.9976	0.0000	1.7385	0.0000	12.5703
39.4144	7.5078	14.1494	7.7789	9.0772	14.1356	14.1421	14.1485	-0.0001	-0.0044	7.8794	14.1475	-0.0001	14.1584	-23.3333	1.9976	0.0000	1.7407	0.0000	13.1211

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42.2922	7.9634	14.1558	8.2740	9.4888	14.1367	14.1480	14.1501	0.0008	-0.0029	9.3098	14.1520	0.0012	14.1463	-23.3333	1.8597	0.0000	1.7483	0.0000	0.3906
41.8744	7.8937	14.1478	8.1194	9.2544	14.1594	14.1434	14.1530	0.0032	-0.0006	8.5629	14.1465	0.0003	14.1510	-23.3333	1.9286	0.0000	1.7475	0.0000	0.9375
41.1394	7.7842	14.1489	8.1052	9.0771	14.1559	14.1469	14.1536	-0.0059	-0.0012	8.0255	14.1511	-0.0007	14.1451	-23.3333	1.8597	0.0000	1.7451	0.0000	1.4805
40.8966	7.7463	14.1501	8.0453	9.5417	14.1420	14.1400	14.1548	0.0032	0.0018	7.6297	14.1484	0.0003	14.1463	-23.3333	2.0665	0.0000	1.7444	0.0000	2.0273
40.8113	7.7394	14.1443	8.0065	9.7703	14.1489	14.1440	14.1530	0.0008	-0.0023	7.3888	14.1474	0.0032	14.1439	-23.3333	1.8597	0.0000	1.7436	0.0000	2.6406
40.6866	7.7183	14.1449	8.0147	9.4214	14.1524	14.1474	14.1525	-0.0010	-0.0029	7.3339	14.1493	-0.0016	14.1616	-23.3333	2.1355	0.0000	1.7434	0.0000	3.1875
40.5882	7.7021	14.1403	7.9394	9.4249	14.1472	14.1474	14.1519	-0.0010	-0.0035	7.8159	14.1575	0.0051	14.1568	-23.3333	1.9286	0.0000	1.7432	0.0000	3.7383
40.4198	7.6716	14.1506	7.9541	8.4760	14.1541	14.1457	14.1525	-0.0040	-0.0053	7.5555	14.1602	0.0032	14.1427	-23.3333	1.9286	0.0000	1.7431	0.0000	4.2891
40.1966	7.6368	14.1524	7.9118	8.2636	14.1541	14.1463	14.1490	-0.0022	-0.0006	8.9010	14.1493	0.0079	14.1510	-23.3333	1.8597	0.0000	1.7424	0.0000	4.8398
39.9844	7.6088	14.1489	7.8371	8.7800	14.1524	14.1451	14.1513	-0.0034	-0.0029	9.0232	14.1474	-0.0035	14.1486	-23.3333	1.8597	0.0000	1.7413	0.0000	5.3789
39.7766	7.5789	14.1466	7.8071	8.0868	14.1489	14.1463	14.1507	-0.0004	-0.0018	8.7473	14.1456	-0.0007	14.1592	-23.3333	1.6528	0.0000	1.7405	0.0000	5.9297
39.6082	7.5447	14.1460	7.8283	8.4351	14.1472	14.1451	14.1490	-0.0046	0.0030	8.3938	14.1520	-0.0026	14.1557	-23.3333	1.8597	0.0000	1.7407	0.0000	6.4805
39.4682	7.5354	14.1478	7.7666	9.8273	14.1332	14.1411	14.1542	-0.0028	-0.0071	8.4966	14.1493	0.0051	14.1474	-23.3333	1.9286	0.0000	1.7392	0.0000	7.0273
39.2691	7.5049	14.1460	7.7001	8.3177	14.1507	14.1423	14.1513	-0.0046	0.0012	8.2614	14.1465	0.0032	14.1416	-23.3333	1.9286	0.0000	1.7385	0.0000	7.6406
39.1007	7.4769	14.1478	7.7454	8.2912	14.1385	14.1405	14.1530	-0.0010	-0.0077	7.8319	14.1520	-0.0035	14.1439	-23.3333	1.8597	0.0000	1.7381	0.0000	8.1875
38.9235	7.4470	14.1489	7.6161	9.5751	14.1541	14.1503	14.1542	-0.0059	-0.0041	7.6006	14.1529	0.0108	14.1416	-23.3333	1.8597	0.0000	1.7378	0.0000	8.7305
38.7945	7.4358	14.1489	7.6848	8.5537	14.1402	14.1423	14.1513	-0.0010	0.0036	7.3802	14.1438	0.0012	14.1510	-23.3333	1.7907	0.0000	1.7366	0.0000	9.2773
38.6545	7.4053	14.1530	7.6737	8.1979	14.1420	14.1480	14.1542	-0.0004	-0.0083	7.3071	14.1556	0.0032	14.1580	-23.3333	1.8597	0.0000	1.7369	0.0000	9.8281
38.4729	7.3805	14.1489	7.6231	8.4996	14.1507	14.1474	14.1560	-0.0004	0.0000	8.1363	14.1511	0.0041	14.1533	-23.3333	1.9286	0.0000	1.7360	0.0000	10.3789
38.3176	7.3512	14.1501	7.5867	7.9187	14.1402	14.1451	14.1571	0.0050	-0.0053	8.5777	14.1447	0.0022	14.1557	-23.3333	1.9976	0.0000	1.7360	0.0000	10.9297
38.1623	7.3294	14.1466	7.4585	8.8825	14.1646	14.1480	14.1519	-0.0046	-0.0018	8.3002	14.1529	0.0022	14.1357	-23.3333	1.9286	0.0000	1.7353	0.0000	11.4805
38.0048	7.3021	14.1460	7.5678	9.5740	14.1507	14.1492	14.1519	-0.0016	-0.0107	8.2231	14.1474	-0.0035	14.1557	-23.3333	1.8597	0.0000	1.7350	0.0000	12.0273
37.8888	7.2934	14.1535	7.5079	8.4639	14.1576	14.1428	14.1525	0.0032	0.0000	7.8251	14.1529	-0.0035	14.1510	-23.3333	1.8597	0.0000	1.7338	0.0000	12.5781
37.6963	7.2604	14.1512	7.4949	8.6223	14.1541	14.1497	14.1525	0.0014	0.0000	7.6389	14.1547	-0.0035	14.1451	-23.3333	1.7907	0.0000	1.7334	0.0000	13.1797

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41.0813	7.7808	14.1487	8.0278	9.1850	14.1478	14.1567	14.1490	0.0023	-0.0020	8.7563	14.1574	0.0025	14.1549	-23.3333	1.9286	0.0000	1.7444	0.0000	0.3906
41.2869	7.8212	14.1504	8.0190	9.8592	14.1461	14.1538	14.1543	0.0004	-0.0080	8.1349	14.1493	-0.0042	14.1537	-23.3333	1.7218	0.0000	1.7443	0.0000	0.9922
41.3613	7.8225	14.1493	8.0190	8.9535	14.1478	14.1481	14.1502	0.0010	-0.0038	7.7643	14.1520	-0.0052	14.1537	-23.3333	1.8597	0.0000	1.7454	0.0000	1.5391
41.2650	7.8106	14.1516	8.0084	9.2379	14.1531	14.1464	14.1479	0.0041	0.0004	7.4325	14.1511	-0.0033	14.1478	-23.3333	1.7907	0.0000	1.7449	0.0000	2.0898
41.0878	7.7770	14.1504	8.0572	10.2179	14.1565	14.1475	14.1537	-0.0014	-0.0092	7.1858	14.1474	-0.0080	14.1313	-23.3333	1.7907	0.0000	1.7449	0.0000	2.6406
40.8866	7.7465	14.1481	7.9802	9.8626	14.1443	14.1538	14.1555	-0.0020	-0.0050	7.1875	14.1502	-0.0004	14.1466	-23.3333	1.9976	0.0000	1.7442	0.0000	3.1914
40.7050	7.7260	14.1498	7.9796	7.6103	14.1548	14.1481	14.1502	-0.0014	-0.0014	7.6472	14.1465	0.0015	14.1537	-23.3333	1.8597	0.0000	1.7430	0.0000	3.7422
40.4972	7.6955	14.1498	7.9467	8.9207	14.1443	14.1498	14.1543	0.0004	-0.0074	7.3731	14.1484	-0.0013	14.1396	-23.3333	1.7907	0.0000	1.7423	0.0000	4.2891
40.3485	7.6731	14.1464	7.8873	9.4124	14.1513	14.1469	14.1520	-0.0014	-0.0116	8.7448	14.1465	0.0006	14.1513	-23.3333	1.7907	0.0000	1.7418	0.0000	4.8398
40.1319	7.6383	14.1406	7.8226	8.9708	14.1461	14.1510	14.1490	0.0023	-0.0134	8.8453	14.1502	0.0053	14.1502	-23.3333	1.9286	0.0000	1.7412	0.0000	5.3906
39.9000	7.5979	14.1539	7.8397	8.6812	14.1409	14.1515	14.1514	-0.0026	-0.0020	8.5604	14.1502	-0.0023	14.1466	-23.3333	1.8597	0.0000	1.7409	0.0000	5.9922
39.6835	7.5661	14.1458	7.8191	8.1970	14.1443	14.1487	14.1502	0.0035	-0.0086	8.2457	14.1456	0.0006	14.1513	-23.3333	1.8597	0.0000	1.7401	0.0000	6.5391
39.4735	7.5313	14.1521	7.8067	9.4446	14.1565	14.1441	14.1525	0.0004	-0.0104	8.3319	14.1465	-0.0042	14.1431	-23.3333	1.8597	0.0000	1.7396	0.0000	7.0898
39.3335	7.5176	14.1493	7.7515	7.6955	14.1409	14.1481	14.1520	0.0035	-0.0014	8.0584	14.1465	0.0025	14.1619	-23.3333	1.8597	0.0000	1.7385	0.0000	7.6406
39.2197	7.4989	14.1475	7.7679	7.7036	14.1461	14.1446	14.1502	0.0004	-0.0092	7.6735	14.1556	-0.0004	14.1572	-23.3333	1.8597	0.0000	1.7382	0.0000	8.1914
39.0753	7.4753	14.1516	7.7097	9.8678	14.1478	14.1510	14.1508	0.0010	-0.0074	7.4177	14.1511	-0.0023	14.1466	-23.3333	1.9286	0.0000	1.7379	0.0000	8.7422
38.9288	7.4423	14.1458	7.6750	9.1562	14.1600	14.1452	14.1502	0.0004	-0.0068	7.1972	14.1520	0.0006	14.1631	-23.3333	1.8597	0.0000	1.7383	0.0000	9.2891
38.8303	7.4423	14.1452	7.6521	9.9334	14.1426	14.1469	14.1531	0.0010	-0.0026	7.1561	14.1538	-0.0004	14.1466	-23.3333	1.7907	0.0000	1.7366	0.0000	9.8320
38.7319	7.4168	14.1516	7.6574	8.0853	14.1426	14.1452	14.1484	0.0010	-0.0020	7.9865	14.1529	-0.0004	14.1396	-23.3333	1.9286	0.0000	1.7372	0.0000	10.3789
38.6225	7.4025	14.1493	7.6339	8.4388	14.1618	14.1492	14.1490	-0.0014	0.0016	8.5101	14.1538	-0.0052	14.1525	-23.3333	1.8597	0.0000	1.7366	0.0000	10.9297
38.4169	7.3770	14.1498	7.6462	8.5194	14.1513	14.1481	14.1502	-0.0008	-0.0038	8.2063	14.1511	0.0006	14.1584	-23.3333	1.7907	0.0000	1.7354	0.0000	11.5391
38.2769	7.3453	14.1470	7.5651	9.3341	14.1409	14.1504	14.1514	0.0010	-0.0092	8.1264	14.1484	0.0025	14.1513	-23.3333	1.8597	0.0000	1.7358	0.0000	12.0898
38.1303	7.3266	14.1545	7.5386	8.4169	14.1461	14.1492	14.1525	0.0004	0.0004	7.7420	14.1474	-0.0033	14.1537	-23.3333	1.8597	0.0000	1.7350	0.0000	12.6406
37.9838	7.2999	14.1464	7.5069	8.8418	14.1478	14.1487	14.1496	-0.0020	-0.0116	7.5359	14.1484	0.0053	14.1490	-23.3333	1.8597	0.0000	1.7348	0.0000	13.1797

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39.5637	7.5268	14.1484	7.7647	8.8849	14.1469	14.1509	14.1508	0.0001	0.0019	8.9308	14.1467	0.0098	14.1470	-23.3333	1.9286	0.0000	1.7415	0.0000	0.3828
39.6884	7.5516	14.1473	7.8247	9.8671	14.1381	14.1452	14.1514	0.0013	-0.0077	8.1878	14.1549	0.0050	14.1540	-23.3333	1.9976	0.0000	1.7414	0.0000	0.9297
39.9334	7.5852	14.1450	7.8493	9.7813	14.1469	14.1486	14.1532	-0.0005	0.0007	7.7070	14.1513	0.0031	14.1529	-23.3333	1.9976	0.0000	1.7425	0.0000	1.4805
40.1587	7.6188	14.1484	7.9393	8.4053	14.1556	14.1509	14.1456	-0.0017	-0.0041	7.3786	14.1503	-0.0017	14.1423	-23.3333	1.8597	0.0000	1.7433	0.0000	2.0313
40.3293	7.6437	14.1525	7.9381	9.1705	14.1451	14.1492	14.1502	-0.0017	0.0048	7.1588	14.1503	0.0107	14.1470	-23.3333	1.9976	0.0000	1.7440	0.0000	2.6328
40.4584	7.6611	14.1455	7.9716	9.8429	14.1556	14.1452	14.1502	-0.0023	-0.0071	7.1771	14.1413	-0.0045	14.1599	-23.3333	1.9976	0.0000	1.7446	0.0000	3.1797
40.5153	7.6705	14.1507	7.9564	8.5855	14.1434	14.1481	14.1491	0.0001	-0.0017	7.6562	14.1513	0.0041	14.1411	-23.3333	1.8597	0.0000	1.7447	0.0000	3.7305
40.4650	7.6580	14.1479	7.9852	9.1359	14.1538	14.1463	14.1462	0.0001	-0.0029	7.4243	14.1494	0.0031	14.1435	-23.3333	1.8597	0.0000	1.7450	0.0000	4.2813
40.4562	7.6649	14.1507	7.9328	8.3282	14.1503	14.1509	14.1520	-0.0053	-0.0059	8.7972	14.1522	0.0050	14.1388	-23.3333	1.9286	0.0000	1.7442	0.0000	4.8320
40.3468	7.6493	14.1473	7.9740	8.5199	14.1434	14.1486	14.1508	-0.0035	-0.0035	8.9508	14.1540	-0.0007	14.1435	-23.3333	2.1355	0.0000	1.7438	0.0000	5.3828
40.2987	7.6381	14.1507	7.9211	8.6794	14.1416	14.1538	14.1491	0.0049	0.0007	8.7127	14.1567	0.0031	14.1540	-23.3333	1.8597	0.0000	1.7440	0.0000	5.9297
40.2484	7.6331	14.1438	7.8570	8.8003	14.1486	14.1544	14.1514	0.0013	-0.0023	8.4311	14.1549	0.0050	14.1505	-23.3333	1.9976	0.0000	1.7436	0.0000	6.4805
40.2025	7.6251	14.1496	7.8964	8.8567	14.1434	14.1498	14.1514	-0.0017	-0.0107	8.4757	14.1549	0.0012	14.1458	-23.3333	1.9976	0.0000	1.7435	0.0000	7.0313
40.2003	7.6232	14.1461	7.9217	9.6483	14.1556	14.1492	14.1497	0.0007	-0.0047	8.2924	14.1494	0.0050	14.1505	-23.3333	1.6528	0.0000	1.7436	0.0000	7.6328
40.1718	7.6188	14.1548	7.8640	8.1048	14.1399	14.1492	14.1520	-0.0017	-0.0017	7.8886	14.1522	0.0012	14.1564	-23.3333	1.7218	0.0000	1.7436	0.0000	8.1797
40.1675	7.6213	14.1444	7.8993	8.8273	14.1538	14.1498	14.1532	0.0019	-0.0071	7.6516	14.1594	-0.0045	14.1529	-23.3333	1.9286	0.0000	1.7433	0.0000	8.7305
40.1412	7.6107	14.1432	7.8870	8.3552	14.1573	14.1515	14.1549	-0.0029	-0.0047	7.4529	14.1503	0.0088	14.1435	-23.3333	2.0665	0.0000	1.7438	0.0000	9.2813
40.0428	7.5989	14.1432	7.8870	9.3996	14.1521	14.1509	14.1508	-0.0035	0.0013	7.4266	14.1467	0.0041	14.1529	-23.3333	2.1355	0.0000	1.7432	0.0000	9.8320
40.0056	7.5964	14.1484	7.8746	9.0346	14.1469	14.1498	14.1514	-0.0047	-0.0035	8.2941	14.1531	0.0031	14.1446	-23.3333	2.2045	0.0000	1.7428	0.0000	10.3828
39.9793	7.5890	14.1473	7.8887	8.8135	14.1625	14.1509	14.1543	0.0031	-0.0047	8.7703	14.1494	-0.0007	14.1529	-23.3333	1.9976	0.0000	1.7430	0.0000	10.9297
39.9990	7.5927	14.1502	7.8252	7.8624	14.1538	14.1469	14.1543	0.0001	-0.0047	8.5899	14.1403	0.0022	14.1505	-23.3333	1.9286	0.0000	1.7430	0.0000	11.4805
39.9903	7.5958	14.1473	7.8705	8.5752	14.1416	14.1435	14.1497	0.0019	-0.0029	8.5351	14.1522	0.0031	14.1493	-23.3333	1.9286	0.0000	1.7426	0.0000	12.0313
39.9465	7.5747	14.1421	7.8458	7.6148	14.1538	14.1446	14.1514	0.0007	-0.0065	8.1913	14.1531	-0.0017	14.1376	-23.3333	1.7907	0.0000	1.7437	0.0000	12.6328
39.8787	7.5771	14.1479	7.8687	8.2401	14.1521	14.1498	14.1485	-0.0011	-0.0053	7.9354	14.1549	-0.0093	14.1470	-23.3333	1.9286	0.0000	1.7423	0.0000	13.1797

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38.7425	7.3884	14.1419	7.6101	7.9972	14.1416	14.1440	14.1411	-0.0022	0.0031	8.6121	14.1400	-0.0038	14.1407	-23.3333	1.8597	0.0000	1.7399	0.0000	0.3789
39.1340	7.4500	14.1401	7.7500	9.0825	14.1311	14.1417	14.1440	-0.0022	0.0049	7.9325	14.1355	-0.0057	14.1443	-23.3333	1.8597	0.0000	1.7411	0.0000	0.9297
39.4009	7.4892	14.1419	7.7653	8.3812	14.1416	14.1394	14.1417	-0.0052	-0.0047	7.5127	14.1382	0.0057	14.1419	-23.3333	2.1355	0.0000	1.7421	0.0000	1.4805
39.6218	7.5147	14.1447	7.8029	8.3288	14.1416	14.1406	14.1405	0.0039	0.0019	7.2095	14.1409	0.0048	14.1313	-23.3333	1.9286	0.0000	1.7435	0.0000	2.0273
39.7422	7.5458	14.1470	7.8229	9.1090	14.1433	14.1423	14.1423	-0.0016	-0.0005	6.9662	14.1482	0.0048	14.1372	-23.3333	1.9286	0.0000	1.7428	0.0000	2.6289
39.7903	7.5464	14.1367	7.8482	9.0030	14.1485	14.1417	14.1358	-0.0016	-0.0017	7.4311	14.1409	0.0076	14.1407	-23.3333	1.8597	0.0000	1.7436	0.0000	3.1797
39.8318	7.5527	14.1338	7.8317	8.4992	14.1433	14.1423	14.1417	-0.0016	-0.0047	7.4973	14.1318	0.0009	14.1466	-23.3333	1.9286	0.0000	1.7437	0.0000	3.7305
39.8800	7.5663	14.1424	7.8194	9.3110	14.1433	14.1435	14.1411	0.0027	0.0025	7.2398	14.1418	0.0057	14.1419	-23.3333	2.0665	0.0000	1.7433	0.0000	4.2773
39.8909	7.5688	14.1413	7.8940	7.5746	14.1416	14.1400	14.1458	-0.0034	0.0031	8.6081	14.1346	-0.0048	14.1396	-23.3333	1.9286	0.0000	1.7433	0.0000	4.8281
39.9893	7.5788	14.1424	7.8546	9.9179	14.1468	14.1423	14.1399	-0.0010	0.0019	8.7788	14.1336	0.0048	14.1431	-23.3333	1.9976	0.0000	1.7440	0.0000	5.3789
40.0046	7.5819	14.1419	7.8658	8.7324	14.1433	14.1412	14.1399	0.0003	0.0037	8.5938	14.1409	0.0095	14.1407	-23.3333	2.0665	0.0000	1.7440	0.0000	5.9297
40.1665	7.6130	14.1401	7.8641	9.2569	14.1294	14.1366	14.1376	0.0027	0.0019	8.3077	14.1400	0.0038	14.1419	-23.3333	2.1355	0.0000	1.7440	0.0000	6.4805
40.3000	7.6273	14.1372	7.8693	8.3438	14.1468	14.1429	14.1399	-0.0010	-0.0113	8.4704	14.1391	-0.0048	14.1396	-23.3333	1.9976	0.0000	1.7449	0.0000	7.0273
40.3787	7.6404	14.1395	7.9246	10.4666	14.1451	14.1406	14.1393	0.0021	0.0091	8.3082	14.1436	0.0009	14.1443	-23.3333	1.9286	0.0000	1.7451	0.0000	7.6289
40.4487	7.6516	14.1413	7.9281	9.4567	14.1416	14.1406	14.1405	-0.0022	0.0049	7.9028	14.1446	-0.0076	14.1372	-23.3333	2.0665	0.0000	1.7453	0.0000	8.1797
40.4706	7.6541	14.1430	7.8887	8.8130	14.1381	14.1423	14.1446	0.0015	-0.0041	7.6527	14.1427	0.0000	14.1254	-23.3333	2.0665	0.0000	1.7454	0.0000	8.7305
40.4465	7.6522	14.1447	7.9258	8.0870	14.1503	14.1412	14.1423	-0.0010	-0.0083	7.4528	14.1355	0.0048	14.1478	-23.3333	1.8597	0.0000	1.7452	0.0000	9.2773
40.3634	7.6348	14.1349	7.8535	9.2408	14.1433	14.1440	14.1429	-0.0040	0.0025	7.4174	14.1400	-0.0010	14.1372	-23.3333	2.0665	0.0000	1.7453	0.0000	9.8281
40.2409	7.6211	14.1401	7.8752	7.7393	14.1329	14.1440	14.1370	0.0021	-0.0005	8.2597	14.1436	-0.0010	14.1360	-23.3333	1.9976	0.0000	1.7445	0.0000	10.3789
40.1009	7.6006	14.1407	7.8552	9.3254	14.1625	14.1412	14.1399	0.0027	-0.0017	8.7623	14.1373	0.0067	14.1490	-23.3333	2.1355	0.0000	1.7440	0.0000	10.9297
40.0200	7.5800	14.1430	7.8658	8.0732	14.1329	14.1377	14.1364	0.0003	0.0031	8.5584	14.1409	0.0000	14.1384	-23.3333	1.8597	0.0000	1.7444	0.0000	11.4805
39.9193	7.5738	14.1390	7.8576	8.7566	14.1468	14.1406	14.1399	0.0003	-0.0011	8.5144	14.1382	0.0000	14.1254	-23.3333	2.1355	0.0000	1.7433	0.0000	12.0195
39.9434	7.5732	14.1424	7.8882	9.4492	14.1294	14.1463	14.1411	0.0015	0.0025	8.1266	14.1427	0.0009	14.1384	-23.3333	2.1355	0.0000	1.7438	0.0000	12.5703
40.1337	7.6031	14.1447	7.8670	8.3202	14.1433	14.1394	14.1388	0.0015	-0.0017	7.9251	14.1346	0.0019	14.1290	-23.3333	1.9286	0.0000	1.7443	0.0000	13.1797

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41.6696	7.8311	14.1380	8.1213	9.2108	14.1305	14.1411	14.1405	0.0002	-0.0039	9.2757	14.1424	0.0079	14.1323	-23.3333	2.2045	0.0000	1.7496	0.0000	0.3828
41.6346	7.8286	14.1432	8.1637	9.3870	14.1531	14.1382	14.1399	0.0074	-0.0015	8.5156	14.1360	0.0050	14.1393	-23.3333	2.0665	0.0000	1.7492	0.0000	0.9297
41.4946	7.8124	14.1432	8.1307	9.5459	14.1340	14.1365	14.1382	0.0014	0.0027	7.9971	14.1351	0.0022	14.1417	-23.3333	2.1355	0.0000	1.7484	0.0000	1.4805
41.4180	7.8056	14.1386	8.0972	8.6276	14.1444	14.1445	14.1417	0.0008	0.0015	7.6139	14.1369	0.0041	14.1429	-23.3333	1.9286	0.0000	1.7477	0.0000	2.0313
41.4071	7.7993	14.1414	8.0578	9.6230	14.1444	14.1405	14.1399	0.0002	-0.0015	7.3318	14.1451	-0.0035	14.1440	-23.3333	2.0665	0.0000	1.7481	0.0000	2.6406
41.4814	7.8068	14.1420	8.0696	8.8976	14.1374	14.1405	14.1405	0.0020	-0.0027	7.8566	14.1387	0.0031	14.1417	-23.3333	2.0665	0.0000	1.7486	0.0000	3.1914
41.5689	7.8261	14.1409	8.1149	9.4751	14.1392	14.1417	14.1405	-0.0011	-0.0045	7.8383	14.1315	-0.0045	14.1452	-23.3333	1.8597	0.0000	1.7484	0.0000	3.7422
41.6783	7.8423	14.1414	8.1813	9.1895	14.1305	14.1376	14.1393	0.0014	-0.0021	7.5448	14.1397	0.0031	14.1476	-23.3333	1.8597	0.0000	1.7488	0.0000	4.2813
41.8533	7.8696	14.1414	8.1101	9.9806	14.1374	14.1405	14.1405	-0.0053	0.0015	8.9490	14.1397	0.0012	14.1417	-23.3333	2.0665	0.0000	1.7492	0.0000	4.8320
42.0086	7.8896	14.1380	8.1578	8.7053	14.1392	14.1428	14.1382	0.0002	0.0015	9.2186	14.1442	0.0041	14.1417	-23.3333	2.0665	0.0000	1.7500	0.0000	5.3828
42.1464	7.9120	14.1414	8.1572	9.5620	14.1340	14.1445	14.1405	0.0020	-0.0051	9.0301	14.1415	-0.0045	14.1370	-23.3333	1.9286	0.0000	1.7503	0.0000	5.9297
42.3105	7.9343	14.1403	8.1930	8.8038	14.1200	14.1376	14.1422	0.0038	-0.0015	8.7372	14.1378	0.0012	14.1323	-23.3333	1.7907	0.0000	1.7510	0.0000	6.4805
42.3739	7.9393	14.1409	8.2348	9.1406	14.1479	14.1296	14.1399	0.0020	0.0045	8.8531	14.1306	0.0022	14.1499	-23.3333	1.9286	0.0000	1.7516	0.0000	7.0313
42.4527	7.9642	14.1386	8.2724	9.4077	14.1374	14.1417	14.1393	0.0026	-0.0051	8.6801	14.1351	-0.0007	14.1417	-23.3333	1.8597	0.0000	1.7507	0.0000	7.6328
42.5227	7.9679	14.1282	8.2648	8.7496	14.1462	14.1353	14.1393	-0.0017	-0.0057	8.2746	14.1433	0.0003	14.1393	-23.3333	2.0665	0.0000	1.7515	0.0000	8.1797
42.5861	7.9735	14.1414	8.2419	10.1925	14.1444	14.1405	14.1370	0.0008	-0.0051	8.0439	14.1415	0.0050	14.1452	-23.3333	1.9286	0.0000	1.7520	0.0000	8.7305
42.6802	7.9966	14.1438	8.3312	9.6846	14.1357	14.1428	14.1387	0.0032	0.0003	7.8332	14.1387	0.0031	14.1346	-23.3333	2.1355	0.0000	1.7516	0.0000	9.2813
42.7567	8.0096	14.1414	8.2807	9.0859	14.1409	14.1376	14.1417	0.0026	0.0021	7.7623	14.1378	0.0041	14.1217	-23.3333	1.6528	0.0000	1.7517	0.0000	9.8320
42.7458	8.0034	14.1351	8.2583	9.9057	14.1462	14.1365	14.1376	-0.0035	0.0051	8.6744	14.1397	0.0041	14.1382	-23.3333	2.0665	0.0000	1.7520	0.0000	10.3828
42.8289	8.0177	14.1409	8.3142	9.2822	14.1427	14.1399	14.1393	0.0044	0.0063	9.2152	14.1424	-0.0045	14.1334	-23.3333	1.9976	0.0000	1.7521	0.0000	10.9297
42.9689	8.0333	14.1351	8.3542	8.1255	14.1462	14.1394	14.1405	0.0026	-0.0039	9.0752	14.1406	0.0089	14.1429	-23.3333	1.9976	0.0000	1.7530	0.0000	11.4805
43.0521	8.0501	14.1438	8.2907	9.6248	14.1340	14.1405	14.1446	0.0014	-0.0063	9.0804	14.1342	-0.0045	14.1393	-23.3333	1.9286	0.0000	1.7529	0.0000	12.0313
43.0105	8.0445	14.1357	8.2918	9.0957	14.1392	14.1394	14.1411	-0.0011	0.0015	8.7269	14.1351	0.0012	14.1358	-23.3333	2.2045	0.0000	1.7527	0.0000	12.6328
42.8924	8.0264	14.1391	8.2389	9.1383	14.1253	14.1417	14.1411	-0.0035	-0.0033	8.4722	14.1397	-0.0007	14.1358	-23.3333	2.1355	0.0000	1.7524	0.0000	13.1797

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42.1916	7.9568	14.1461	8.2996	9.3234	14.1535	14.1500	14.1494	0.0026	-0.0018	9.1643	14.1457	-0.0035	14.1518	-23.3333	1.9286	0.0000	1.7473	0.0000	0.3789
41.5266	7.8461	14.1501	8.1585	10.6125	14.1535	14.1587	14.1494	0.0020	-0.0060	8.4385	14.1539	0.0041	14.1553	-23.3333	1.9976	0.0000	1.7460	0.0000	0.9297
40.9382	7.7658	14.1524	8.0544	8.7327	14.1361	14.1466	14.1494	0.0008	0.0018	7.9736	14.1530	-0.0130	14.1342	-23.3333	1.9286	0.0000	1.7434	0.0000	1.5391
40.5707	7.7105	14.1507	7.9610	9.4368	14.1605	14.1558	14.1494	0.0033	0.0006	7.5487	14.1520	-0.0006	14.1495	-23.3333	2.2045	0.0000	1.7422	0.0000	2.0781
40.0566	7.6364	14.1513	7.8786	9.5554	14.1396	14.1495	14.1535	-0.0022	-0.0036	7.2495	14.1511	-0.0054	14.1495	-23.3333	1.9286	0.0000	1.7401	0.0000	2.6289
38.3001	7.3652	14.1489	7.5700	8.1236	14.1518	14.1489	14.1494	-0.0004	0.0036	7.1752	14.1530	0.0032	14.1577	-23.3333	1.8597	0.0000	1.7344	0.0000	3.1797
39.6016	7.5668	14.1466	7.8886	9.3804	14.1535	14.1523	14.1476	0.0020	-0.0030	7.5219	14.1484	-0.0054	14.1495	-23.3333	1.9976	0.0000	1.7387	0.0000	3.7305
41.3516	7.8175	14.1518	8.1491	9.0989	14.1448	14.1512	14.1488	-0.0010	0.0048	7.4431	14.1475	0.0118	14.1671	-23.3333	1.9976	0.0000	1.7457	0.0000	4.2773
40.9054	7.7503	14.1461	8.0250	8.8018	14.1518	14.1512	14.1494	0.0051	0.0048	8.8713	14.1475	-0.0044	14.1459	-23.3333	1.9976	0.0000	1.7442	0.0000	4.8281
40.1594	7.6433	14.1570	7.9245	9.4570	14.1535	14.1518	14.1482	0.0014	-0.0018	9.0181	14.1448	0.0032	14.1447	-23.3333	1.9976	0.0000	1.7412	0.0000	5.3789
38.2126	7.3447	14.1501	7.6299	7.7102	14.1431	14.1546	14.1488	0.0014	-0.0042	8.5721	14.1511	-0.0025	14.1542	-23.3333	1.9286	0.0000	1.7348	0.0000	5.9297
38.0857	7.3303	14.1472	7.6435	9.6159	14.1518	14.1541	14.1523	-0.0034	0.0012	8.2214	14.1566	-0.0035	14.1542	-23.3333	1.9286	0.0000	1.7338	0.0000	6.4805
40.6079	7.6962	14.1518	7.9886	9.6407	14.1535	14.1500	14.1494	-0.0016	-0.0030	8.4276	14.1493	0.0003	14.1447	-23.3333	1.9976	0.0000	1.7440	0.0000	7.0781
40.5838	7.7018	14.1536	7.9974	8.2923	14.1553	14.1477	14.1488	-0.0028	0.0006	8.2471	14.1530	0.0032	14.1518	-23.3333	1.9286	0.0000	1.7431	0.0000	7.6289
40.0282	7.6103	14.1495	7.8481	11.1215	14.1570	14.1489	14.1465	-0.0004	-0.0018	7.9028	14.1502	0.0022	14.1506	-23.3333	1.8597	0.0000	1.7419	0.0000	8.1797
39.2385	7.4996	14.1443	7.7346	9.1991	14.1657	14.1541	14.1494	-0.0028	0.0012	7.6058	14.1502	-0.0035	14.1565	-23.3333	1.7907	0.0000	1.7385	0.0000	8.7305
38.8338	7.4392	14.1489	7.6787	8.6728	14.1518	14.1472	14.1500	-0.0016	0.0024	7.3209	14.1502	0.0003	14.1459	-23.3333	1.9286	0.0000	1.7370	0.0000	9.2773
38.7376	7.4224	14.1495	7.6635	9.3240	14.1518	14.1546	14.1529	0.0014	0.0054	7.2803	14.1539	-0.0016	14.1553	-23.3333	1.7907	0.0000	1.7368	0.0000	9.8281
38.8622	7.4454	14.1513	7.6546	9.3649	14.1448	14.1449	14.1517	-0.0016	0.0108	8.1312	14.1466	-0.0073	14.1436	-23.3333	2.1355	0.0000	1.7369	0.0000	10.3789
38.9804	7.4622	14.1438	7.7411	9.4104	14.1588	14.1512	14.1541	-0.0010	0.0012	8.6298	14.1520	-0.0006	14.1377	-23.3333	1.9286	0.0000	1.7374	0.0000	10.9297
38.9979	7.4647	14.1461	7.7793	8.3550	14.1640	14.1575	14.1500	-0.0004	-0.0054	8.3739	14.1575	0.0041	14.1518	-23.3333	1.9286	0.0000	1.7375	0.0000	11.4805
38.8207	7.4299	14.1501	7.7128	9.0171	14.1518	14.1489	14.1517	-0.0034	-0.0018	8.3351	14.1439	-0.0044	14.1600	-23.3333	2.0665	0.0000	1.7376	0.0000	12.0273
38.7222	7.4118	14.1530	7.6270	7.2847	14.1483	14.1523	14.1482	0.0014	-0.0024	7.9245	14.1530	-0.0006	14.1577	-23.3333	1.8597	0.0000	1.7375	0.0000	12.6289
38.4969	7.3820	14.1530	7.6399	7.7649	14.1588	14.1500	14.1465	0.0014	0.0012	7.7377	14.1511	-0.0044	14.1530	-23.3333	1.9286	0.0000	1.7363	0.0000	13.1797

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41.8067	7.9032	14.1509	8.2012	7.9933	14.1509	14.1490	14.1469	0.0012	-0.0021	9.1784	14.1519	0.0093	14.1478	-23.3333	1.9976	0.0000	1.7457	0.0000	0.3906
41.5595	7.8602	14.1504	8.1236	9.7147	14.1457	14.1530	14.1498	0.0030	0.0057	8.4931	14.1519	0.0045	14.1596	-23.3333	1.7907	0.0000	1.7454	0.0000	0.9414
41.2970	7.8223	14.1544	8.1077	8.4320	14.1457	14.1444	14.1521	-0.0012	-0.0069	8.0168	14.1491	-0.0021	14.1502	-23.3333	1.9976	0.0000	1.7444	0.0000	1.4922
41.0957	7.7912	14.1498	8.0231	8.6220	14.1527	14.1507	14.1492	0.0018	0.0003	7.6388	14.1528	0.0026	14.1478	-23.3333	1.9976	0.0000	1.7438	0.0000	2.0313
40.9448	7.7613	14.1509	7.9978	8.7636	14.1457	14.1518	14.1504	0.0000	-0.0057	7.3795	14.1500	0.0026	14.1408	-23.3333	2.1355	0.0000	1.7439	0.0000	2.5820
40.7676	7.7358	14.1440	8.0272	8.3479	14.1509	14.1484	14.1521	0.0042	0.0039	7.4052	14.1455	-0.0012	14.1490	-23.3333	1.8597	0.0000	1.7432	0.0000	3.1289
40.6167	7.7047	14.1498	8.0160	9.2927	14.1440	14.1507	14.1510	0.0024	0.0069	7.8130	14.1473	0.0122	14.1502	-23.3333	1.9286	0.0000	1.7434	0.0000	3.6797
40.4614	7.6904	14.1481	7.9966	9.1747	14.1475	14.1507	14.1527	0.0030	-0.0009	7.5708	14.1464	0.0017	14.1420	-23.3333	1.8597	0.0000	1.7421	0.0000	4.2305
40.3542	7.6711	14.1538	7.9208	8.4539	14.1544	14.1513	14.1504	0.0042	-0.0003	8.9328	14.1473	0.0122	14.1502	-23.3333	1.9976	0.0000	1.7420	0.0000	4.8398
40.2426	7.6618	14.1469	7.9019	8.9392	14.1492	14.1507	14.1516	0.0000	-0.0027	9.0630	14.1519	0.0074	14.1490	-23.3333	1.8597	0.0000	1.7410	0.0000	5.3789
40.1507	7.6406	14.1504	7.8667	8.0716	14.1475	14.1513	14.1568	0.0012	0.0021	8.7695	14.1419	0.0036	14.1573	-23.3333	2.0665	0.0000	1.7413	0.0000	5.9297
39.9998	7.6207	14.1481	7.9102	8.6347	14.1579	14.1524	14.1481	0.0030	0.0069	8.4497	14.1446	-0.0021	14.1443	-23.3333	2.1355	0.0000	1.7406	0.0000	6.4805
39.8445	7.6002	14.1509	7.8167	9.1534	14.1457	14.1501	14.1504	-0.0048	0.0015	8.5508	14.1491	-0.0050	14.1420	-23.3333	2.0665	0.0000	1.7398	0.0000	7.0313
39.6542	7.5647	14.1463	7.7732	8.4556	14.1492	14.1518	14.1486	0.0000	-0.0039	8.2978	14.1528	0.0055	14.1549	-23.3333	1.9976	0.0000	1.7397	0.0000	7.5820
39.5229	7.5492	14.1544	7.7691	9.4954	14.1475	14.1467	14.1527	0.0030	-0.0057	7.8798	14.1482	0.0074	14.1537	-23.3333	1.9976	0.0000	1.7389	0.0000	8.1289
39.3961	7.5262	14.1498	7.7973	9.6324	14.1405	14.1564	14.1486	-0.0072	0.0033	7.6405	14.1537	0.0065	14.1526	-23.3333	2.0665	0.0000	1.7388	0.0000	8.6797
39.1948	7.5019	14.1532	7.8161	8.4832	14.1492	14.1495	14.1463	-0.0012	0.0003	7.3989	14.1482	0.0074	14.1431	-23.3333	1.9976	0.0000	1.7375	0.0000	9.2305
39.1226	7.4820	14.1498	7.6920	8.4343	14.1422	14.1484	14.1516	-0.0018	-0.0027	7.3732	14.1482	-0.0012	14.1502	-23.3333	2.0665	0.0000	1.7381	0.0000	9.7813
38.9695	7.4639	14.1556	7.7256	8.5517	14.1457	14.1524	14.1516	0.0006	-0.0051	8.2093	14.1482	0.0007	14.1455	-23.3333	1.8597	0.0000	1.7371	0.0000	10.3320
38.8186	7.4328	14.1532	7.6379	9.0624	14.1544	14.1501	14.1539	0.0006	0.0003	8.6867	14.1528	-0.0117	14.1467	-23.3333	1.9286	0.0000	1.7373	0.0000	10.8789
38.6611	7.4154	14.1509	7.6797	8.8793	14.1509	14.1484	14.1440	0.0055	-0.0105	8.3966	14.1500	0.0074	14.1537	-23.3333	1.9286	0.0000	1.7361	0.0000	11.4297
38.4904	7.3893	14.1486	7.5980	9.6399	14.1544	14.1507	14.1481	0.0030	0.0015	8.3561	14.1500	0.0074	14.1420	-23.3333	1.9286	0.0000	1.7355	0.0000	11.9805
38.3067	7.3613	14.1463	7.5974	8.1487	14.1527	14.1524	14.1516	0.0030	-0.0033	7.9243	14.1519	-0.0050	14.1584	-23.3333	2.0665	0.0000	1.7349	0.0000	12.5313
38.1798	7.3426	14.1515	7.5862	8.0721	14.1597	14.1495	14.1492	0.0000	0.0015	7.7473	14.1464	-0.0031	14.1420	-23.3333	1.9976	0.0000	1.7344	0.0000	13.1289

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40.4692	7.6926	14.1523	7.9558	9.3995	14.1515	14.1502	14.1515	0.0043	-0.0025	8.7117	14.1467	-0.0005	14.1601	-23.3333	1.9976	0.0000	1.7421	0.0000	0.3867
40.6595	7.7237	14.1529	8.0093	10.0392	14.1480	14.1485	14.1526	-0.0018	0.0101	8.1200	14.1485	-0.0053	14.1531	-23.3333	1.9286	0.0000	1.7425	0.0000	0.9297
40.8104	7.7393	14.1529	8.0281	8.8796	14.1428	14.1502	14.1497	-0.0012	0.0035	7.7140	14.1503	0.0005	14.1425	-23.3333	1.9976	0.0000	1.7436	0.0000	1.4766
40.8629	7.7461	14.1495	8.0716	8.5675	14.1428	14.1502	14.1509	-0.0012	-0.0019	7.4193	14.1412	-0.0005	14.1531	-23.3333	1.8597	0.0000	1.7439	0.0000	2.0273
40.6726	7.7169	14.1506	7.9793	9.1870	14.1498	14.1496	14.1497	-0.0012	-0.0013	7.1715	14.1558	0.0081	14.1531	-23.3333	1.8597	0.0000	1.7433	0.0000	2.5781
40.5239	7.6926	14.1558	7.9464	9.1997	14.1428	14.1479	14.1474	-0.0012	0.0035	7.5432	14.1512	0.0024	14.1589	-23.3333	1.9286	0.0000	1.7430	0.0000	3.1289
40.3182	7.6733	14.1523	7.9493	9.3206	14.1533	14.1444	14.1503	0.0013	-0.0013	7.6101	14.1521	-0.0005	14.1566	-23.3333	2.0665	0.0000	1.7413	0.0000	3.6797
40.1607	7.6484	14.1529	7.8864	8.9769	14.1585	14.1496	14.1497	-0.0042	0.0041	7.3616	14.1503	0.0052	14.1578	-23.3333	1.4461	0.0000	1.7408	0.0000	4.2266
40.0295	7.6229	14.1500	7.8806	7.7402	14.1550	14.1525	14.1515	-0.0006	-0.0037	8.7208	14.1530	0.0081	14.1566	-23.3333	2.2735	0.0000	1.7409	0.0000	4.7773
39.8917	7.5980	14.1477	7.8982	8.8721	14.1567	14.1519	14.1474	0.0031	0.0011	8.8487	14.1530	-0.0034	14.1448	-23.3333	1.9976	0.0000	1.7407	0.0000	5.3281
39.8348	7.5918	14.1570	7.8365	9.1577	14.1533	14.1479	14.1526	-0.0006	-0.0048	8.5563	14.1476	-0.0024	14.1554	-23.3333	1.9976	0.0000	1.7403	0.0000	5.8789
39.7517	7.5775	14.1506	7.7953	10.2516	14.1463	14.1490	14.1509	-0.0012	-0.0078	8.2702	14.1539	0.0024	14.1578	-23.3333	1.8597	0.0000	1.7402	0.0000	6.4297
39.7473	7.5769	14.1512	7.8012	8.4962	14.1515	14.1531	14.1521	0.0043	-0.0001	8.3416	14.1530	0.0071	14.1495	-23.3333	1.8597	0.0000	1.7402	0.0000	6.9766
39.6773	7.5713	14.1529	7.8235	9.5100	14.1533	14.1531	14.1515	0.0019	-0.0001	8.0972	14.1521	-0.0053	14.1554	-23.3333	1.9976	0.0000	1.7395	0.0000	7.5781
39.6248	7.5576	14.1523	7.8353	9.2400	14.1376	14.1508	14.1521	0.0001	-0.0126	7.7283	14.1521	-0.0015	14.1425	-23.3333	1.8597	0.0000	1.7398	0.0000	8.1289
39.5111	7.5420	14.1552	7.8582	8.9861	14.1602	14.1467	14.1485	0.0019	-0.0013	7.5233	14.1476	-0.0053	14.1625	-23.3333	1.9976	0.0000	1.7393	0.0000	8.6797
39.4542	7.5290	14.1477	7.7935	8.0074	14.1358	14.1508	14.1456	0.0049	-0.0007	7.2960	14.1521	0.0005	14.1448	-23.3333	2.2045	0.0000	1.7395	0.0000	9.2266
39.3820	7.5134	14.1500	7.7588	9.4346	14.1585	14.1531	14.1491	0.0013	-0.0048	7.2571	14.1512	0.0005	14.1519	-23.3333	1.9976	0.0000	1.7396	0.0000	9.7773
39.2748	7.5029	14.1454	7.7865	8.2590	14.1515	14.1479	14.1485	0.0085	-0.0066	8.1452	14.1476	0.0071	14.1448	-23.3333	1.9286	0.0000	1.7388	0.0000	10.3281
39.0911	7.4761	14.1552	7.7183	10.0104	14.1446	14.1502	14.1526	0.0043	-0.0001	8.5969	14.1467	0.0071	14.1519	-23.3333	1.9286	0.0000	1.7380	0.0000	10.8789
38.9773	7.4574	14.1523	7.6501	7.5433	14.1567	14.1508	14.1538	0.0037	-0.0031	8.3165	14.1485	0.0014	14.1495	-23.3333	2.0665	0.0000	1.7378	0.0000	11.4297
38.7739	7.4294	14.1472	7.6724	8.5416	14.1376	14.1462	14.1503	-0.0006	-0.0001	8.2679	14.1485	0.0081	14.1648	-23.3333	1.9286	0.0000	1.7368	0.0000	11.9688
38.6426	7.4126	14.1500	7.6889	8.2503	14.1498	14.1496	14.1521	0.0025	-0.0072	7.8225	14.1530	-0.0043	14.1507	-23.3333	1.9286	0.0000	1.7361	0.0000	12.5195
38.4611	7.3859	14.1541	7.6124	7.7062	14.1533	14.1502	14.1521	0.0061	0.0041	7.6443	14.1530	-0.0024	14.1425	-23.3333	1.9976	0.0000	1.7353	0.0000	13.0664

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38.4113	7.3728	14.1473	7.6800	8.8009	14.1481	14.1477	14.1504	0.0074	0.0075	8.5355	14.1545	0.0009	14.1510	-23.3333	1.8597	0.0000	1.7357	0.0000	0.3906
38.4726	7.3802	14.1519	7.6376	7.8026	14.1325	14.1483	14.1504	-0.0011	-0.0014	7.8543	14.1463	0.0047	14.1557	-23.3333	1.9286	0.0000	1.7360	0.0000	0.9375
38.4726	7.3753	14.1496	7.6406	8.6143	14.1586	14.1437	14.1499	-0.0071	-0.0002	7.4248	14.1490	0.0018	14.1451	-23.3333	1.9286	0.0000	1.7365	0.0000	1.4805
38.4157	7.3746	14.1490	7.6541	7.5204	14.1446	14.1477	14.1481	-0.0017	0.0010	7.0822	14.1509	-0.0029	14.1534	-23.3333	1.8597	0.0000	1.7356	0.0000	2.0273
38.3719	7.3659	14.1496	7.6659	8.4624	14.1638	14.1449	14.1539	0.0001	0.0064	6.8309	14.1509	0.0066	14.1534	-23.3333	1.9286	0.0000	1.7356	0.0000	2.5781
38.3216	7.3566	14.1537	7.5624	8.0760	14.1464	14.1517	14.1504	0.0026	0.0034	6.8206	14.1472	-0.0067	14.1522	-23.3333	1.8597	0.0000	1.7356	0.0000	3.1289
38.1926	7.3348	14.1513	7.6135	9.0680	14.1499	14.1495	14.1504	0.0020	-0.0068	7.2860	14.1472	-0.0048	14.1428	-23.3333	1.9286	0.0000	1.7353	0.0000	3.6797
38.0657	7.3180	14.1496	7.5865	8.3674	14.1429	14.1500	14.1504	0.0032	-0.0116	7.0251	14.1527	0.0066	14.1475	-23.3333	1.8597	0.0000	1.7346	0.0000	4.2305
37.9432	7.2956	14.1473	7.5053	9.6144	14.1446	14.1495	14.1469	0.0008	-0.0032	8.2980	14.1500	-0.0096	14.1475	-23.3333	2.1355	0.0000	1.7345	0.0000	4.7773
37.8273	7.2795	14.1490	7.5324	8.0945	14.1412	14.1477	14.1504	0.0020	-0.0056	8.3882	14.1518	0.0009	14.1487	-23.3333	1.8597	0.0000	1.7340	0.0000	5.3281
37.7398	7.2670	14.1485	7.5006	8.8446	14.1551	14.1466	14.1434	-0.0035	0.0016	8.1712	14.1500	-0.0029	14.1475	-23.3333	1.9286	0.0000	1.7336	0.0000	5.9297
37.6413	7.2558	14.1496	7.4742	7.9465	14.1290	14.1443	14.1487	0.0014	-0.0014	7.8788	14.1445	0.0152	14.1557	-23.3333	1.9286	0.0000	1.7328	0.0000	6.4805
37.6129	7.2496	14.1508	7.5212	8.1140	14.1429	14.1477	14.1534	-0.0005	-0.0038	7.9371	14.1454	0.0018	14.1392	-23.3333	1.9286	0.0000	1.7329	0.0000	7.0273
37.6938	7.2633	14.1519	7.5424	8.5965	14.1464	14.1512	14.1510	0.0014	-0.0062	7.7783	14.1527	-0.0001	14.1534	-23.3333	1.8597	0.0000	1.7331	0.0000	7.5781
37.7726	7.2708	14.1438	7.5394	9.4682	14.1534	14.1483	14.1487	0.0001	-0.0056	7.4082	14.1527	0.0076	14.1534	-23.3333	1.9976	0.0000	1.7338	0.0000	8.1289
37.9060	7.2969	14.1531	7.5124	8.7888	14.1446	14.1495	14.1487	-0.0041	-0.0026	7.2164	14.1445	0.0047	14.1498	-23.3333	2.0665	0.0000	1.7337	0.0000	8.6797
38.0220	7.3131	14.1502	7.5947	8.4457	14.1429	14.1477	14.1516	-0.0023	-0.0014	7.0239	14.1581	-0.0105	14.1616	-23.3333	1.9976	0.0000	1.7343	0.0000	9.2305
38.1926	7.3305	14.1525	7.5524	8.8262	14.1481	14.1420	14.1469	0.0001	0.0022	7.0782	14.1463	0.0028	14.1510	-23.3333	1.8597	0.0000	1.7357	0.0000	9.7773
38.3282	7.3535	14.1519	7.6271	8.7295	14.1481	14.1489	14.1481	0.0008	0.0028	7.9536	14.1509	0.0104	14.1404	-23.3333	1.7218	0.0000	1.7360	0.0000	10.3281
38.4857	7.3784	14.1502	7.6488	7.7795	14.1499	14.1483	14.1440	0.0001	0.0016	8.4556	14.1572	-0.0029	14.1604	-23.3333	1.9286	0.0000	1.7364	0.0000	10.8789
38.5404	7.3858	14.1496	7.6994	7.6413	14.1655	14.1443	14.1487	-0.0035	0.0034	8.2346	14.1436	0.0038	14.1510	-23.3333	1.8597	0.0000	1.7367	0.0000	11.4297
38.4266	7.3678	14.1537	7.6559	9.4331	14.1446	14.1477	14.1516	-0.0017	0.0052	8.1929	14.1527	0.0009	14.1345	-23.3333	1.8597	0.0000	1.7364	0.0000	11.9805
38.3479	7.3572	14.1571	7.6382	7.0207	14.1499	14.1477	14.1522	-0.0029	0.0022	7.8143	14.1500	0.0038	14.1487	-23.3333	1.9286	0.0000	1.7360	0.0000	12.5195
38.2232	7.3305	14.1565	7.5753	8.1290	14.1586	14.1500	14.1522	0.0038	-0.0098	7.6264	14.1545	0.0028	14.1510	-23.3333	1.9286	0.0000	1.7362	0.0000	13.0703

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40.7136	7.7231	14.1572	8.0139	8.3894	14.1485	14.1501	14.1504	-0.0003	0.0030	8.8585	14.1488	0.0025	14.1507	-23.3333	2.1355	0.0000	1.7434	0.0000	0.3906
41.1489	7.7940	14.1428	8.0321	10.1707	14.1589	14.1529	14.1510	-0.0015	0.0042	8.2406	14.1470	0.0025	14.1448	-23.3333	1.9286	0.0000	1.7444	0.0000	0.9375
41.2233	7.7977	14.1486	8.0809	9.0699	14.1380	14.1489	14.1498	-0.0003	-0.0012	7.8163	14.1543	-0.0004	14.1577	-23.3333	1.9976	0.0000	1.7453	0.0000	1.4883
41.1358	7.7847	14.1538	8.0803	9.0475	14.1485	14.1489	14.1504	-0.0021	0.0030	7.5187	14.1525	0.0015	14.1459	-23.3333	1.9976	0.0000	1.7450	0.0000	2.0391
41.0023	7.7679	14.1486	7.9980	8.9266	14.1589	14.1506	14.1481	-0.0033	-0.0018	7.2275	14.1534	-0.0013	14.1518	-23.3333	2.0665	0.0000	1.7443	0.0000	2.5898
40.8820	7.7504	14.1457	7.9827	10.0222	14.1589	14.1466	14.1527	0.0009	0.0042	7.6381	14.1525	0.0044	14.1483	-23.3333	1.9286	0.0000	1.7438	0.0000	3.1289
40.6698	7.7181	14.1555	7.9674	8.7556	14.1502	14.1564	14.1510	0.0009	0.0048	7.7255	14.1497	0.0034	14.1577	-23.3333	1.9976	0.0000	1.7431	0.0000	3.6797
40.4248	7.6789	14.1474	7.9609	7.9587	14.1502	14.1495	14.1545	0.0015	-0.0006	7.4274	14.1488	0.0091	14.1471	-23.3333	1.9286	0.0000	1.7425	0.0000	4.2891
40.1951	7.6503	14.1561	7.8557	7.7365	14.1467	14.1518	14.1492	0.0009	-0.0024	8.7574	14.1452	0.0091	14.1471	-23.3333	1.9286	0.0000	1.7412	0.0000	4.8398
40.0070	7.6167	14.1520	7.8169	9.4372	14.1363	14.1529	14.1486	0.0057	0.0012	8.9139	14.1488	0.0044	14.1471	-23.3333	1.8597	0.0000	1.7410	0.0000	5.3906
39.8408	7.5937	14.1509	7.8598	9.8489	14.1380	14.1478	14.1545	0.0015	0.0060	8.6506	14.1525	-0.0004	14.1483	-23.3333	1.9976	0.0000	1.7403	0.0000	5.9375
39.6308	7.5594	14.1480	7.8445	9.4942	14.1485	14.1541	14.1492	-0.0003	-0.0030	8.2880	14.1516	-0.0032	14.1471	-23.3333	1.7907	0.0000	1.7398	0.0000	6.4883
39.4339	7.5321	14.1480	7.7869	7.9253	14.1432	14.1541	14.1510	0.0015	0.0054	8.3736	14.1470	0.0006	14.1495	-23.3333	2.0665	0.0000	1.7389	0.0000	7.0273
39.2348	7.4941	14.1492	7.7516	8.6571	14.1485	14.1518	14.1481	-0.0009	-0.0072	8.1184	14.1479	0.0111	14.1507	-23.3333	2.0665	0.0000	1.7389	0.0000	7.5781
39.0227	7.4717	14.1480	7.7199	8.3951	14.1554	14.1472	14.1527	0.0021	0.0066	7.7192	14.1488	0.0025	14.1542	-23.3333	2.0665	0.0000	1.7373	0.0000	8.1289
38.8717	7.4431	14.1561	7.6699	8.4901	14.1519	14.1541	14.1510	-0.0021	-0.0006	7.4611	14.1534	0.0034	14.1507	-23.3333	1.9976	0.0000	1.7373	0.0000	8.6797
38.6595	7.4052	14.1549	7.6464	7.6444	14.1467	14.1529	14.1504	-0.0021	-0.0018	7.2252	14.1470	0.0034	14.1495	-23.3333	1.8597	0.0000	1.7370	0.0000	9.2305
38.4670	7.3884	14.1492	7.5752	7.9253	14.1502	14.1529	14.1527	-0.0009	-0.0096	7.1938	14.1507	0.0053	14.1554	-23.3333	2.2735	0.0000	1.7352	0.0000	9.7773
38.2527	7.3566	14.1544	7.6217	7.6939	14.1432	14.1575	14.1522	-0.0045	0.0006	7.9528	14.1461	0.0015	14.1554	-23.3333	1.8597	0.0000	1.7344	0.0000	10.3281
38.1455	7.3299	14.1486	7.5670	8.7487	14.1415	14.1495	14.1463	0.0009	0.0036	8.4485	14.1461	0.0063	14.1448	-23.3333	1.8597	0.0000	1.7349	0.0000	10.8789
38.0208	7.3149	14.1503	7.5647	8.7861	14.1572	14.1529	14.1492	0.0015	0.0024	8.1852	14.1525	0.0025	14.1507	-23.3333	1.9286	0.0000	1.7341	0.0000	11.4297
37.8392	7.2838	14.1457	7.5359	7.7284	14.1572	14.1529	14.1504	-0.0039	0.0048	8.1172	14.1488	-0.0042	14.1459	-23.3333	1.8597	0.0000	1.7338	0.0000	11.9805
37.6927	7.2602	14.1463	7.4712	8.2869	14.1519	14.1472	14.1498	-0.0039	-0.0042	7.7580	14.1516	0.0072	14.1554	-23.3333	2.0665	0.0000	1.7333	0.0000	12.5273
37.6708	7.2639	14.1549	7.4706	7.8989	14.1537	14.1541	14.1492	-0.0009	0.0006	7.5450	14.1561	0.0015	14.1495	-23.3333	1.8597	0.0000	1.7326	0.0000	13.0781

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41.7932	7.8898	14.1526	8.1387	8.0753	14.1414	14.1501	14.1524	0.0005	0.0039	9.1217	14.1506	-0.0010	14.1442	-23.3333	1.9976	0.0000	1.7466	0.0000	0.3867
42.4450	7.9813	14.1503	8.3357	9.4404	14.1501	14.1536	14.1477	-0.0007	0.0033	8.4895	14.1497	0.0067	14.1395	-23.3333	2.1355	0.0000	1.7492	0.0000	0.9375
42.6900	8.0198	14.1520	8.3157	8.6873	14.1588	14.1530	14.1501	-0.0025	0.0051	8.1429	14.1497	0.0019	14.1442	-23.3333	1.9286	0.0000	1.7498	0.0000	1.4883
42.6528	8.0167	14.1520	8.3122	8.6959	14.1588	14.1484	14.1489	0.0017	0.0004	7.8139	14.1470	0.0009	14.1560	-23.3333	2.0665	0.0000	1.7495	0.0000	2.0391
42.5019	7.9900	14.1497	8.2910	8.2474	14.1466	14.1467	14.1530	-0.0007	0.0057	7.5569	14.1534	-0.0029	14.1419	-23.3333	1.9976	0.0000	1.7494	0.0000	2.5898
42.3072	7.9676	14.1497	8.2640	7.7016	14.1623	14.1501	14.1518	0.0023	-0.0038	8.2496	14.1543	0.0038	14.1454	-23.3333	2.0665	0.0000	1.7482	0.0000	3.1875
42.0710	7.9302	14.1543	8.2434	8.8986	14.1570	14.1547	14.1507	0.0023	-0.0014	7.9864	14.1506	-0.0029	14.1560	-23.3333	1.9976	0.0000	1.7476	0.0000	3.7383
41.8216	7.8917	14.1537	8.1617	9.9413	14.1570	14.1513	14.1512	0.0029	-0.0056	7.6923	14.1506	0.0067	14.1501	-23.3333	1.9286	0.0000	1.7469	0.0000	4.2891
41.5635	7.8556	14.1497	8.0835	8.8007	14.1623	14.1553	14.1507	0.0029	0.0039	9.0246	14.1506	0.0047	14.1466	-23.3333	1.9976	0.0000	1.7458	0.0000	4.8398
41.3819	7.8245	14.1480	8.1052	9.6275	14.1501	14.1495	14.1530	0.0023	0.0087	9.2079	14.1479	-0.0095	14.1501	-23.3333	1.9286	0.0000	1.7456	0.0000	5.3867
41.1719	7.7871	14.1532	8.0711	9.5204	14.1588	14.1495	14.1501	0.0011	0.0099	8.9840	14.1497	0.0000	14.1407	-23.3333	2.0665	0.0000	1.7454	0.0000	5.9375
40.8963	7.7480	14.1497	7.9876	8.5888	14.1518	14.1467	14.1530	0.0047	-0.0002	8.6180	14.1524	-0.0038	14.1536	-23.3333	2.0665	0.0000	1.7443	0.0000	6.4883
40.6447	7.7168	14.1514	8.0041	8.5785	14.1536	14.1541	14.1495	0.0041	-0.0032	8.6351	14.1543	0.0047	14.1430	-23.3333	2.0665	0.0000	1.7428	0.0000	7.0391
40.4194	7.6777	14.1497	7.9294	9.4542	14.1553	14.1536	14.1507	-0.0019	-0.0026	8.4073	14.1488	-0.0029	14.1430	-23.3333	1.9976	0.0000	1.7425	0.0000	7.5781
40.2313	7.6559	14.1497	7.9171	9.1398	14.1309	14.1507	14.1501	0.0011	-0.0080	7.9772	14.1497	0.0057	14.1407	-23.3333	2.2045	0.0000	1.7413	0.0000	8.1289
40.1154	7.6341	14.1532	7.9324	8.4553	14.1553	14.1507	14.1512	-0.0001	0.0063	7.7031	14.1488	-0.0057	14.1513	-23.3333	2.1355	0.0000	1.7413	0.0000	8.6797
40.1350	7.6416	14.1485	7.9147	8.2342	14.1518	14.1495	14.1524	0.0023	0.0010	7.4810	14.1552	-0.0010	14.1466	-23.3333	1.9976	0.0000	1.7410	0.0000	9.2305
40.2816	7.6602	14.1520	7.9159	8.6919	14.1379	14.1536	14.1507	0.0011	0.0045	7.4850	14.1552	-0.0010	14.1525	-23.3333	1.9286	0.0000	1.7418	0.0000	9.7773
40.4785	7.6857	14.1509	7.9535	8.7616	14.1501	14.1524	14.1524	-0.0013	0.0093	8.3838	14.1434	-0.0019	14.1572	-23.3333	1.5839	0.0000	1.7428	0.0000	10.3281
40.6141	7.6982	14.1526	7.8930	8.1611	14.1536	14.1518	14.1524	-0.0007	0.0057	8.8955	14.1461	0.0028	14.1478	-23.3333	1.9976	0.0000	1.7439	0.0000	10.8789
40.6382	7.7156	14.1555	8.0111	9.7294	14.1448	14.1501	14.1483	0.0011	0.0063	8.6814	14.1497	0.0000	14.1536	-23.3333	2.0665	0.0000	1.7428	0.0000	11.4297
40.5638	7.6988	14.1520	8.0105	8.9913	14.1570	14.1472	14.1501	0.0041	0.0028	8.6854	14.1479	0.0019	14.1442	-23.3333	1.9976	0.0000	1.7431	0.0000	11.9805
40.3910	7.6689	14.1485	7.8759	7.3216	14.1518	14.1518	14.1518	0.0023	0.0039	8.3147	14.1470	0.0019	14.1501	-23.3333	1.9286	0.0000	1.7428	0.0000	12.5781
40.1657	7.6428	14.1520	7.8900	8.8525	14.1518	14.1524	14.1507	0.0023	-0.0044	8.0800	14.1515	-0.0038	14.1430	-23.3333	2.1355	0.0000	1.7414	0.0000	13.1289

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39.4596	7.5339	14.1456	7.8080	8.6879	14.1388	14.1316	14.1440	-0.0027	0.0009	8.5326	14.1353	-0.0085	9.5876	-17.4890	1.8597	0.0000	1.7392	0.0000	0.3789
39.7287	7.5674	14.1346	7.8174	8.6994	14.1301	14.1287	14.1417	-0.0015	-0.0063	7.9764	14.1426	0.0029	9.6194	-17.5029	1.9286	0.0000	1.7407	0.0000	0.9297
39.9037	7.5911	14.1375	7.8644	9.8002	14.1579	14.1350	14.1393	0.0027	0.0003	7.5812	14.1499	0.0000	9.6264	-17.5119	1.6528	0.0000	1.7415	0.0000	1.4805
39.9146	7.5886	14.1473	7.8339	9.6217	14.1336	14.1356	14.1393	0.0027	0.0045	7.2643	14.1472	-0.0047	9.6358	-17.5225	1.8597	0.0000	1.7419	0.0000	2.0781
39.8468	7.5780	14.1363	7.8450	8.3827	14.1527	14.1379	14.1423	-0.0015	-0.0069	7.0490	14.1481	0.0000	9.6111	-17.5333	1.9286	0.0000	1.7417	0.0000	2.6289
39.7156	7.5500	14.1404	7.8145	8.8238	14.1318	14.1316	14.1399	0.0015	0.0128	7.0855	14.1417	-0.0038	9.5982	-17.5409	1.8597	0.0000	1.7420	0.0000	3.1797
39.5384	7.5245	14.1438	7.7392	7.6544	14.1510	14.1310	14.1411	-0.0057	-0.0003	7.4853	14.1335	-0.0009	9.5817	-17.5517	1.9976	0.0000	1.7413	0.0000	3.7305
39.4006	7.5065	14.1409	7.7674	7.7822	14.1527	14.1333	14.1393	-0.0003	0.0033	7.4053	14.1444	0.0096	9.5535	-17.5596	1.8597	0.0000	1.7406	0.0000	4.2773
39.2584	7.4816	14.1409	7.7274	8.2238	14.1423	14.1356	14.1417	-0.0021	-0.0039	8.4932	14.1453	0.0048	9.5288	-17.5689	1.7907	0.0000	1.7404	0.0000	4.8789
39.1118	7.4573	14.1450	7.6951	7.7011	14.1405	14.1310	14.1417	-0.0039	0.0051	8.7137	14.1363	-0.0019	9.5182	-17.5743	1.8597	0.0000	1.7401	0.0000	5.4297
38.9696	7.4393	14.1421	7.6804	8.9982	14.1388	14.1356	14.1393	0.0015	0.0015	8.4036	14.1481	-0.0019	9.4935	-17.5837	1.8597	0.0000	1.7392	0.0000	5.9805
38.8471	7.4119	14.1421	7.6869	8.1300	14.1440	14.1384	14.1411	0.0009	0.0009	8.1152	14.1435	0.0181	9.4699	-17.5891	1.8597	0.0000	1.7396	0.0000	6.5273
38.7181	7.3982	14.1386	7.6733	9.3183	14.1475	14.1367	14.1417	0.0021	0.0009	8.1586	14.1417	0.0048	9.4582	-17.5966	1.8597	0.0000	1.7386	0.0000	7.0781
38.6000	7.3721	14.1404	7.6287	8.8255	14.1318	14.1350	14.1399	-0.0033	-0.0045	7.8970	14.1453	-0.0028	9.4499	-17.6048	1.8597	0.0000	1.7389	0.0000	7.6797
38.5234	7.3671	14.1427	7.5787	9.0483	14.1457	14.1327	14.1423	0.0021	0.0021	7.5550	14.1381	-0.0066	9.4311	-17.6123	2.0665	0.0000	1.7381	0.0000	8.2305
38.3921	7.3478	14.1404	7.5875	8.1691	14.1527	14.1321	14.1393	0.0015	-0.0015	7.3100	14.1344	0.0000	9.4264	-17.6174	2.0665	0.0000	1.7376	0.0000	8.7773
38.2959	7.3279	14.1398	7.5887	7.2623	14.1388	14.1379	14.1393	-0.0045	0.0051	7.0724	14.1399	0.0029	9.4005	-17.6229	1.7907	0.0000	1.7377	0.0000	9.3281
38.1428	7.3062	14.1421	7.5558	8.4645	14.1701	14.1321	14.1452	-0.0070	0.0003	7.0930	14.1399	-0.0038	9.3805	-17.6310	2.0665	0.0000	1.7370	0.0000	9.8789
38.0159	7.2887	14.1415	7.5099	8.2935	14.1457	14.1344	14.1446	0.0045	0.0045	7.8993	14.1453	0.0019	9.3782	-17.6370	1.8597	0.0000	1.7364	0.0000	10.4883
37.8890	7.2694	14.1386	7.5175	8.5198	14.1336	14.1344	14.1382	0.0015	0.0039	8.3933	14.1435	0.0048	9.3699	-17.6437	1.7907	0.0000	1.7359	0.0000	11.0391
37.7534	7.2514	14.1392	7.4505	9.8566	14.1597	14.1373	14.1399	-0.0063	-0.0045	8.1072	14.1435	-0.0009	9.3499	-17.6530	1.8597	0.0000	1.7352	0.0000	11.5781
37.5959	7.2222	14.1409	7.4587	8.2670	14.1336	14.1333	14.1405	-0.0015	0.0015	8.0586	14.1444	0.0048	9.3311	-17.6548	1.9286	0.0000	1.7351	0.0000	12.1289
37.4822	7.2047	14.1409	7.4346	8.4184	14.1283	14.1379	14.1399	0.0003	0.0003	7.5961	14.1390	-0.0019	9.3240	-17.6602	1.9976	0.0000	1.7347	0.0000	12.6797
37.3400	7.1799	14.1432	7.4493	7.7229	14.1388	14.1361	14.1382	0.0009	0.0057	7.4544	14.1435	0.0096	9.3087	-17.6690	1.7907	0.0000	1.7345	0.0000	13.2891

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40.0772	7.5958	14.1400	7.5944	7.7084	14.1393	14.1345	14.1397	-0.0014	-0.0045	8.6183	20.8983	-0.2271	20.7440	-17.6425	23.3059	0.0504	1.7440	0.0000	0.3867
39.8497	7.5685	14.1388	7.5744	8.0849	14.1376	14.1351	14.1403	-0.0056	-0.0105	8.0380	20.9474	-0.2271	20.7699	-17.6530	23.3059	0.0504	1.7426	0.0000	1.0391
39.5982	7.5398	14.1365	7.4703	8.8150	14.1689	14.1299	14.1420	0.0034	-0.0015	7.5840	20.9665	-0.2157	20.8228	-17.6587	23.3059	0.0492	1.7409	0.0000	1.6484
39.4275	7.4988	14.1388	7.5150	7.3048	14.1393	14.1305	14.1415	-0.0020	-0.0039	7.2243	21.1293	-0.2233	20.9770	-17.6678	23.3059	0.0502	1.7417	0.0000	2.3086
39.2110	7.4714	14.1376	7.4633	8.1943	14.1341	14.1356	14.1380	-0.0020	-0.0009	7.0478	21.2057	-0.2262	21.0476	-17.6747	23.3059	0.0506	1.7405	0.0000	2.9688
39.0688	7.4478	14.1417	7.4150	8.7730	14.1480	14.1322	14.1432	0.0034	-0.0021	7.0107	21.2348	-0.2262	21.0711	-17.6804	23.3059	0.0507	1.7402	0.0000	3.6289
38.8741	7.4167	14.1371	7.4021	8.2761	14.1376	14.1356	14.1432	0.0004	-0.0039	7.6943	21.2548	-0.2262	21.0793	-17.6877	23.4487	0.0507	1.7396	0.0000	4.2891
38.7035	7.3961	14.1388	7.3027	7.8345	14.1376	14.1305	14.1385	0.0071	-0.0021	8.1660	21.2611	-0.2262	21.0899	-17.6925	23.3059	0.0507	1.7386	0.0000	4.8867
38.5241	7.3675	14.1388	7.3280	8.3014	14.1341	14.1356	14.1374	-0.0014	0.0015	7.9655	21.2748	-0.2309	21.1123	-17.6955	23.3059	0.0512	1.7381	0.0000	5.5469
38.3732	7.3432	14.1405	7.2639	7.4228	14.1480	14.1368	14.1415	0.0004	0.0050	7.8496	21.2920	-0.2309	21.1276	-17.7097	23.3059	0.0513	1.7376	0.0000	6.2070
38.2047	7.3134	14.1388	7.2445	8.3377	14.1393	14.1368	14.1420	0.0016	-0.0033	7.9387	21.3375	-0.2233	21.1699	-17.7127	23.2345	0.0505	1.7374	0.0000	6.8672
38.0341	7.2941	14.1388	7.2816	7.4885	14.1341	14.1391	14.1403	-0.0002	-0.0015	7.6526	21.3293	-0.2252	21.1617	-17.7211	23.3059	0.0507	1.7362	0.0000	7.5273
37.8919	7.2661	14.1371	7.2045	7.5374	14.1341	14.1402	14.1409	-0.0020	-0.0087	7.4590	21.3375	-0.2300	21.1582	-17.7256	23.3059	0.0512	1.7363	0.0000	8.1289
37.7432	7.2456	14.1428	7.2093	8.0659	14.1237	14.1362	14.1409	0.0004	-0.0039	7.7599	21.3375	-0.2233	21.1829	-17.7341	23.3059	0.0505	1.7356	0.0000	8.7891
37.5747	7.2263	14.1451	7.1475	8.0579	14.1463	14.1356	14.1391	0.0016	-0.0027	7.4601	21.3502	-0.2290	21.1699	-17.7362	23.5201	0.0511	1.7344	0.0000	9.4492
37.4610	7.1964	14.1428	7.1099	8.0141	14.1393	14.1322	14.1420	0.0046	0.0015	7.1700	21.3630	-0.2262	21.1923	-17.7492	23.3059	0.0508	1.7351	0.0000	10.1094
37.2488	7.1722	14.1371	7.1857	7.4073	14.1289	14.1356	14.1426	0.0016	-0.0009	6.9827	21.3757	-0.2309	21.2040	-17.7525	23.3059	0.0514	1.7336	0.0000	10.7695
37.1263	7.1491	14.1394	7.0958	7.3250	14.1393	14.1379	14.1420	-0.0038	-0.0021	7.0472	21.3721	-0.2243	21.1923	-17.7534	23.3059	0.0506	1.7335	0.0000	11.4297
36.9688	7.1243	14.1423	7.1781	7.3705	14.1533	14.1282	14.1385	0.0028	-0.0009	7.4310	21.3784	-0.2214	21.1923	-17.7642	23.3059	0.0503	1.7330	0.0000	12.0273
36.7851	7.0987	14.1382	7.0540	7.5224	14.1341	14.1368	14.1385	0.0040	-0.0009	8.1134	21.3830	-0.2290	21.2217	-17.7699	23.3059	0.0511	1.7321	0.0000	12.6875
36.6363	7.0782	14.1405	7.0140	7.4689	14.1341	14.1345	14.1420	-0.0038	-0.0015	7.9735	21.3793	-0.2319	21.2088	-17.7772	23.2345	0.0515	1.7313	0.0000	13.3477
36.4810	7.0515	14.1371	7.0482	7.7447	14.1446	14.1379	14.1420	-0.0002	0.0003	7.7731	21.3930	-0.2271	21.2182	-17.7865	23.3059	0.0509	1.7310	0.0000	14.0078
36.3388	7.0334	14.1417	7.0193	8.0878	14.1376	14.1345	14.1409	-0.0026	0.0003	7.2814	21.3857	-0.2319	21.2323	-17.7959	23.3059	0.0515	1.7301	0.0000	14.6680
36.1616	7.0011	14.1411	6.9870	8.3135	14.1324	14.1385	14.1479	-0.0038	-0.0033	7.2226	21.3984	-0.2271	21.2323	-17.7977	23.4487	0.0510	1.7300	0.0000	15.3281

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38.5949	7.3679	14.1382	7.3805	7.3111	14.1427	14.1438	14.1429	0.0009	-0.0010	8.1916	30.7201	-0.3423	30.4695	-17.7974	23.3059	0.0749	1.7392	0.0000	0.3828
36.9324	7.1165	14.1342	6.9630	7.1280	14.1149	14.1392	14.1376	0.0015	-0.0100	7.6205	30.6837	-0.3481	30.4331	-17.8221	23.3059	0.0755	1.7331	0.0000	1.0430
35.9393	6.9672	14.1399	6.9001	6.7635	14.1323	14.1432	14.1376	-0.0021	-0.0010	7.0420	30.6855	-0.3528	30.4425	-17.7112	23.3059	0.0760	1.7291	0.0000	1.7031
37.4487	7.2017	14.1388	7.2388	8.2000	14.1567	14.1398	14.1312	-0.0027	-0.0016	6.8027	30.6983	-0.3471	30.4484	-17.8073	23.4487	0.0754	1.7344	0.0000	2.3633
38.7261	7.3878	14.1422	7.4010	8.8995	14.1375	14.1403	14.1364	-0.0003	0.0038	6.8330	30.7001	-0.3442	30.4613	-17.8182	23.3059	0.0751	1.7397	0.0000	2.9727
38.3061	7.3218	14.1405	7.3311	8.3290	14.1462	14.1449	14.1411	-0.0015	-0.0004	6.8638	30.6792	-0.3442	30.4401	-17.8290	23.3059	0.0750	1.7384	0.0000	3.6211
37.4552	7.1993	14.1434	7.0395	7.6640	14.1462	14.1421	14.1405	-0.0051	-0.0010	8.0454	30.6846	-0.3461	30.4448	-17.8314	23.3772	0.0753	1.7347	0.0000	4.2813
37.0440	7.1377	14.1376	6.9413	7.8379	14.1410	14.1392	14.1399	-0.0057	0.0014	7.7633	30.6819	-0.3442	30.4601	-17.8387	23.3772	0.0750	1.7331	0.0000	4.9414
36.8055	7.0954	14.1359	7.0524	6.1555	14.1358	14.1380	14.1393	-0.0003	-0.0010	7.5371	30.6946	-0.3433	30.4519	-17.8441	23.4487	0.0750	1.7328	0.0000	5.6016
36.7421	7.0835	14.1342	6.9912	8.9986	14.1497	14.1409	14.1393	0.0003	-0.0028	7.6331	30.6955	-0.3376	30.4484	-17.8465	23.3059	0.0743	1.7327	0.0000	6.2617
36.9893	7.1271	14.1394	7.0153	7.0549	14.1427	14.1380	14.1417	-0.0027	-0.0046	7.7370	30.7101	-0.3404	30.4684	-17.8607	23.3059	0.0747	1.7331	0.0000	6.9219
37.4596	7.1974	14.1428	7.2153	8.2737	14.1445	14.1415	14.1376	0.0033	0.0026	7.6085	30.7092	-0.3500	30.4554	-17.8525	23.4487	0.0757	1.7350	0.0000	7.5820
37.8665	7.2503	14.1359	7.2194	7.3963	14.1497	14.1357	14.1429	0.0027	0.0014	7.4212	30.7210	-0.3385	30.4578	-17.7983	23.3772	0.0745	1.7373	0.0000	8.2422
38.1071	7.2951	14.1330	7.3276	7.7987	14.1358	14.1369	14.1399	-0.0021	-0.0022	7.8169	30.7192	-0.3461	30.4813	-17.8610	23.5201	0.0753	1.7374	0.0000	8.9023
38.1946	7.3038	14.1370	7.3787	8.2501	14.1340	14.1415	14.1393	-0.0021	-0.0028	7.5571	30.6983	-0.3538	30.4507	-17.9005	23.4487	0.0761	1.7381	0.0000	9.5000
38.1683	7.3007	14.1370	7.2394	8.6508	14.1445	14.1380	14.1399	0.0027	-0.0010	7.3293	30.6873	-0.3481	30.4413	-17.8664	23.3772	0.0755	1.7380	0.0000	10.1602
38.0918	7.2876	14.1399	7.2476	8.5339	14.1358	14.1449	14.1388	-0.0057	-0.0064	7.1208	30.6892	-0.3490	30.4413	-17.8751	23.3059	0.0756	1.7378	0.0000	10.8203
37.9408	7.2621	14.1405	7.2188	7.5759	14.1497	14.1363	14.1399	-0.0033	0.0020	7.2813	30.6983	-0.3509	30.4484	-17.9098	23.3059	0.0758	1.7375	0.0000	11.4805
37.7593	7.2465	14.1411	7.2288	7.3784	14.1445	14.1398	14.1382	0.0039	-0.0052	7.5988	30.6973	-0.3452	30.4507	-17.8694	23.3772	0.0752	1.7358	0.0000	12.1406
37.5777	7.2198	14.1440	7.1747	8.9738	14.1480	14.1449	14.1399	-0.0075	0.0056	8.3635	30.7028	-0.3461	30.4389	-17.9068	23.3772	0.0753	1.7350	0.0000	12.8008
37.3852	7.1825	14.1365	7.1753	8.1580	14.1462	14.1421	14.1347	-0.0015	-0.0094	8.1213	30.7055	-0.3433	30.4542	-17.9080	23.1631	0.0750	1.7350	0.0000	13.4609
37.2255	7.1563	14.1394	7.1194	7.4821	14.1323	14.1421	14.1358	0.0009	0.0008	7.9317	30.7073	-0.3509	30.4531	-17.9204	23.3059	0.0758	1.7346	0.0000	14.1133
37.0440	7.1327	14.1336	7.1006	7.2777	14.1427	14.1352	14.1399	-0.0033	-0.0010	7.4977	30.7055	-0.3433	30.4613	-17.9119	23.3059	0.0750	1.7336	0.0000	14.7734
36.8362	7.1003	14.1417	7.0712	8.1799	14.1480	14.1380	14.1382	-0.0027	-0.0106	7.4863	30.7155	-0.3461	30.4648	-17.9469	23.3772	0.0753	1.7329	0.0000	15.4336

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37.4373	7.1932	14.1434	6.9134	7.6531	14.1329	14.1382	14.1447	-0.0022	-0.0008	7.7632	30.8594	-0.6128	35.7689	-17.8411	24.3063	0.1006	1.7350	0.0000	0.3906
37.3038	7.1752	14.1370	6.8217	7.9720	14.1486	14.1405	14.1371	0.0014	-0.0086	7.3937	30.8594	-0.6089	35.7689	-17.8616	24.0917	0.1003	1.7343	0.0000	1.0508
37.1726	7.1522	14.1394	6.8770	7.4608	14.1294	14.1365	14.1429	0.0038	0.0010	7.0607	30.8594	-0.6156	35.7689	-17.8381	24.0202	0.1009	1.7341	0.0000	1.7109
36.9888	7.1323	14.1445	6.8441	7.2673	14.1416	14.1394	14.1417	-0.0004	0.0016	6.8837	30.8594	-0.6051	35.7689	-17.8721	23.9488	0.1000	1.7326	0.0000	2.3633
36.9013	7.1167	14.1342	6.7905	7.7665	14.1347	14.1382	14.1388	0.0026	0.0016	8.3639	30.8594	-0.6070	35.7689	-17.9050	23.6629	0.1001	1.7325	0.0000	2.9727
36.9057	7.1130	14.1370	6.8258	7.4130	14.1294	14.1371	14.1394	-0.0022	-0.0044	8.3245	30.8594	-0.5642	35.7689	-17.8501	23.9488	0.0965	1.7329	0.0000	3.6328
37.1332	7.1509	14.1440	6.8329	7.5771	14.1416	14.1371	14.1371	-0.0022	0.0016	8.0002	30.8594	-0.5546	35.7689	-17.9803	23.9488	0.0957	1.7335	0.0000	4.2930
37.2338	7.1634	14.1411	6.9223	7.7083	14.1399	14.1411	14.1406	0.0002	0.0028	7.4565	30.8594	-0.5565	35.7689	-17.9351	23.8058	0.0958	1.7341	0.0000	4.9531
37.3607	7.1783	14.1370	6.8640	6.7411	14.1347	14.1354	14.1376	-0.0010	-0.0038	7.5456	30.8594	-0.5527	35.7689	-17.8712	23.8773	0.0955	1.7350	0.0000	5.6133
37.4723	7.1982	14.1382	6.8723	7.4147	14.1451	14.1342	14.1382	-0.0064	0.0052	7.9008	30.8594	-0.5413	35.7689	-17.9330	23.9488	0.0945	1.7351	0.0000	6.2617
37.5751	7.2119	14.1365	6.9428	7.6058	14.1364	14.1400	14.1365	0.0002	0.0004	7.8608	30.8594	-0.5422	35.7689	-17.9478	24.2347	0.0946	1.7357	0.0000	6.9219
37.7107	7.2287	14.1411	6.9034	8.2012	14.1469	14.1371	14.1429	0.0032	-0.0056	7.3212	30.8594	-0.5308	35.7689	-17.9185	23.8773	0.0936	1.7365	0.0000	7.5820
37.8288	7.2536	14.1399	6.9946	6.8810	14.1312	14.1423	14.1423	-0.0040	0.0010	7.2269	30.8594	-0.5375	35.7689	-17.9225	24.0202	0.0942	1.7363	0.0000	8.2422
37.8682	7.2555	14.1353	6.9687	8.0106	14.1260	14.1348	14.1394	-0.0010	0.0058	7.5530	30.8594	-0.5241	35.7689	-17.9291	23.9488	0.0930	1.7368	0.0000	8.8516
37.8529	7.2511	14.1434	6.9105	7.3980	14.1277	14.1400	14.1412	-0.0004	-0.0008	7.4314	30.8594	-0.5394	35.7689	-17.9098	24.3063	0.0943	1.7370	0.0000	9.5117
37.7566	7.2362	14.1388	6.9364	7.1107	14.1294	14.1405	14.1388	0.0044	0.0064	7.2109	30.8594	-0.5527	35.7689	-17.9511	23.9488	0.0955	1.7367	0.0000	10.1602
37.6560	7.2262	14.1359	6.9534	7.5989	14.1434	14.1354	14.1376	-0.0004	0.0010	7.0796	30.8594	-0.5508	35.7689	-17.9562	23.5201	0.0953	1.7358	0.0000	10.8203
37.5729	7.2132	14.1394	6.8870	8.2127	14.1329	14.1400	14.1400	0.0020	-0.0044	7.2463	30.8594	-0.5613	35.7689	-17.9297	23.3059	0.0963	1.7355	0.0000	11.4805
37.4723	7.1951	14.1405	6.8464	7.6283	14.1434	14.1388	14.1388	0.0038	-0.0008	7.4302	30.8594	-0.5556	35.7689	-17.9128	23.3772	0.0958	1.7354	0.0000	12.1406
37.4613	7.1970	14.1394	6.9287	7.5339	14.1416	14.1377	14.1400	0.0014	0.0004	8.3091	30.8594	-0.5508	35.7689	-17.9496	23.3059	0.0953	1.7351	0.0000	12.8008
37.3979	7.1870	14.1365	6.9522	6.9190	14.1434	14.1463	14.1429	-0.0004	0.0016	8.0219	30.8594	-0.5327	35.7689	-17.9071	23.4487	0.0938	1.7348	0.0000	13.4609
37.3082	7.1727	14.1422	6.8776	7.3934	14.1364	14.1394	14.1406	0.0008	0.0040	7.8671	30.8594	-0.3993	35.7689	-17.9466	23.3772	0.0811	1.7346	0.0000	14.1211
37.2098	7.1609	14.1388	6.8817	8.0279	14.1120	14.1400	14.1412	0.0002	-0.0086	7.6244	22.4691	17.5658	35.7689	-17.9912	23.9488	0.3460	1.7339	0.0000	14.7227
37.0566	7.1317	14.1417	6.8252	7.3646	14.1312	14.1365	14.1382	-0.0016	0.0004	8.3085	22.6827	17.5658	35.7689	-17.9577	23.9488	0.3487	1.7339	0.0000	15.3828

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43.0995	8.0616	14.1366	8.0285	9.1209	14.1512	14.1427	14.1490	0.0026	0.0027	9.2192	13.0450	-0.1160	12.9599	-17.6919	23.3772	0.0285	1.7527	0.0000	0.3789
43.2766	8.0884	14.1458	8.0414	8.7668	14.1459	14.1450	14.1443	-0.0004	-0.0051	8.7036	13.0541	-0.1084	12.9670	-17.7501	23.7344	0.0275	1.7532	0.0000	1.0391
43.1695	8.0772	14.1395	8.0167	8.2233	14.1529	14.1421	14.1478	-0.0004	0.0027	8.3398	13.0595	-0.1065	12.9835	-17.6871	23.5201	0.0273	1.7525	0.0000	1.6992
42.9288	8.0361	14.1383	7.9609	9.0432	14.1372	14.1438	14.1490	-0.0040	0.0075	8.0171	13.0777	-0.1103	13.0058	-17.7151	23.6629	0.0278	1.7521	0.0000	2.3594
42.6751	7.9963	14.1423	7.9350	8.2584	14.1372	14.1415	14.1490	0.0026	-0.0033	7.7699	13.1087	-0.1208	13.0294	-17.7464	23.9488	0.0291	1.7515	0.0000	2.9609
42.4279	7.9602	14.1400	7.8979	8.4732	14.1442	14.1438	14.1466	0.0002	-0.0021	8.2724	13.1250	-0.1151	13.0399	-17.8130	23.5201	0.0284	1.7507	0.0000	3.6211
42.1063	7.9136	14.1400	7.8727	8.7121	14.1477	14.1421	14.1431	-0.0004	-0.0021	8.2353	13.1241	-0.1246	13.0447	-17.7555	23.5201	0.0296	1.7495	0.0000	4.2813
41.8373	7.8675	14.1406	7.8427	8.3483	14.1407	14.1421	14.1472	0.0020	-0.0027	8.4648	13.1368	-0.1189	13.0647	-17.7519	23.4487	0.0289	1.7492	0.0000	4.9414
41.4829	7.8227	14.1418	7.7269	8.3500	14.1424	14.1432	14.1484	0.0044	0.0027	9.2021	13.1687	-0.1151	13.1105	-17.8016	23.8773	0.0285	1.7473	0.0000	5.6016
41.1876	7.7773	14.1406	7.6539	8.6523	14.1424	14.1409	14.1437	0.0026	-0.0021	8.5465	13.2978	-0.1227	13.2353	-17.7582	23.7344	0.0296	1.7464	0.0000	6.2578
40.8288	7.7188	14.1377	7.7133	8.3770	14.1390	14.1352	14.1478	-0.0016	-0.0057	8.5362	13.4724	-0.1246	13.4023	-17.7461	24.0917	0.0300	1.7456	0.0000	6.9180
40.5226	7.6697	14.1389	7.5946	8.4041	14.1320	14.1398	14.1484	0.0020	0.0063	8.2090	13.6588	-0.1265	13.5624	-17.7193	24.0202	0.0304	1.7449	0.0000	7.5781
40.2076	7.6268	14.1331	7.5605	7.6286	14.1355	14.1409	14.1501	0.0014	-0.0009	8.0211	13.7079	-0.1246	13.6224	-17.7778	24.0917	0.0302	1.7435	0.0000	8.2383
39.8992	7.5776	14.1389	7.5316	7.9044	14.1529	14.1438	14.1484	0.0044	0.0033	8.2992	13.7261	-0.1341	13.6400	-17.7877	23.9488	0.0314	1.7426	0.0000	8.8906
39.5929	7.5310	14.1406	7.5152	7.9942	14.1285	14.1432	14.1449	0.0008	0.0027	8.2176	13.6452	-0.1303	13.5447	-17.7727	23.6629	0.0309	1.7416	0.0000	9.5508
39.2867	7.4837	14.1389	7.3547	8.6027	14.1355	14.1432	14.1466	0.0014	-0.0057	7.7978	13.5951	-0.1322	13.4965	-17.8384	23.8058	0.0310	1.7407	0.0000	10.1602
39.0242	7.4352	14.1389	7.3688	8.1393	14.1407	14.1404	14.1455	0.0062	0.0069	7.5900	13.4797	-0.1294	13.3835	-17.8016	23.3772	0.0306	1.7405	0.0000	10.8203
38.7267	7.3960	14.1395	7.2941	8.2072	14.1390	14.1427	14.1478	-0.0004	-0.0009	7.4261	13.4333	-0.1236	13.3364	-17.7901	23.3772	0.0298	1.7390	0.0000	11.4805
38.7310	7.4034	14.1429	7.3588	8.0800	14.1407	14.1386	14.1484	0.0038	-0.0063	7.7858	13.4187	-0.1294	13.3259	-17.8543	23.2345	0.0305	1.7384	0.0000	12.1406
39.0110	7.4401	14.1372	7.4094	7.9343	14.1372	14.1358	14.1507	0.0020	-0.0009	8.6036	13.4215	-0.1246	13.3129	-17.8525	23.3772	0.0299	1.7399	0.0000	12.7891
39.1817	7.4663	14.1406	7.4176	8.1191	14.1372	14.1427	14.1460	-0.0004	0.0009	8.6876	13.4133	-0.1246	13.3212	-17.7950	23.3059	0.0299	1.7404	0.0000	13.4492
39.2232	7.4706	14.1418	7.3923	7.9625	14.1355	14.1421	14.1449	-0.0004	-0.0015	8.7093	13.4133	-0.1255	13.3129	-17.8290	23.6629	0.0300	1.7408	0.0000	14.1094
39.1314	7.4613	14.1441	7.3682	7.8255	14.1494	14.1415	14.1478	-0.0071	-0.0027	7.9680	13.4060	-0.1341	13.3223	-17.8182	23.4487	0.0310	1.7400	0.0000	14.7695
39.0482	7.4414	14.1406	7.3882	7.7144	14.1390	14.1455	14.1513	-0.0016	-0.0051	7.9126	13.4015	-0.1255	13.3106	-17.8465	23.5201	0.0300	1.7404	0.0000	15.4297

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34.7381	6.5869	8.4304	7.0405	7.8226	14.1481	14.1392	14.1404	0.0050	-0.0049	6.9808	14.1421	0.0025	5.8882	-23.0375	-0.1097	0.0000	1.7437	0.0000	0.3789
34.9262	6.6142	8.4898	7.0340	8.0506	14.1289	14.1392	14.1428	-0.0041	0.0047	6.4640	14.1412	0.0025	5.8882	-31.2582	-0.2473	0.0000	1.7445	0.0000	0.9297
34.9809	6.6217	8.5331	7.0969	7.4748	14.1428	14.1375	14.1381	0.0008	-0.0019	6.0346	14.1421	-0.0014	5.9035	-18.3547	-0.0272	0.0000	1.7448	0.0000	1.5273
34.9371	6.6117	8.5446	7.0822	7.4766	14.1411	14.1433	14.1398	0.0002	0.0029	5.7388	14.1439	-0.0004	5.8741	-19.5421	-0.1922	0.0000	1.7450	0.0000	2.0781
34.8081	6.5949	8.5544	7.0481	7.2376	14.1446	14.1433	14.1387	-0.0004	0.0059	5.5806	14.1457	-0.0004	5.8694	-18.5896	-0.1510	0.0000	1.7442	0.0000	2.6875
34.7052	6.5800	8.5435	7.0540	7.5756	14.1428	14.1387	14.1387	-0.0113	-0.0001	5.5726	14.1393	0.0015	5.8529	-19.4116	-0.1372	0.0000	1.7438	0.0000	3.2383
34.6134	6.5676	8.5302	6.9911	7.9803	14.1324	14.1478	14.1381	0.0002	0.0035	6.0003	14.1393	0.0044	5.8211	-14.8821	-0.3435	0.0000	1.7433	0.0000	3.8398
34.4821	6.5402	8.5077	7.0305	8.2734	14.1393	14.1381	14.1363	0.0002	0.0005	5.9175	14.1466	0.0015	5.8082	-16.3054	-0.0960	0.0000	1.7435	0.0000	4.3906
34.3159	6.5159	8.5014	7.0158	6.8870	14.1393	14.1410	14.1404	-0.0022	0.0029	7.0728	14.1402	-0.0014	5.7670	-19.5160	-0.0822	0.0000	1.7428	0.0000	4.9883
34.1912	6.4923	8.4881	6.9241	6.8686	14.1463	14.1392	14.1434	0.0002	-0.0043	7.2036	14.1412	0.0025	5.7599	-17.4541	-0.1372	0.0000	1.7428	0.0000	5.5391
34.0906	6.4749	8.4616	6.9270	7.0672	14.1498	14.1375	14.1358	-0.0004	0.0041	6.9414	14.1430	0.0044	5.7399	-18.2633	-0.1922	0.0000	1.7426	0.0000	6.1484
33.9353	6.4550	8.4512	6.8712	7.4196	14.1411	14.1410	14.1398	-0.0028	-0.0055	6.6719	14.1375	0.0006	5.7187	-18.5504	-0.0272	0.0000	1.7416	0.0000	6.6992
33.8521	6.4394	8.4316	6.8706	7.4322	14.1446	14.1427	14.1375	-0.0059	0.0149	6.7850	14.1412	-0.0014	5.7011	-23.9761	-0.1647	0.0000	1.7416	0.0000	7.3008
33.7931	6.4214	8.4246	6.8453	7.4506	14.1393	14.1427	14.1404	0.0056	0.0071	6.3641	14.1421	0.0015	5.6858	-25.1622	-0.0822	0.0000	1.7423	0.0000	7.8477
33.7143	6.4152	8.4033	6.8782	6.0810	14.1359	14.1398	14.1428	-0.0034	0.0053	6.1339	14.1384	0.0025	5.6729	-22.8680	-0.1510	0.0000	1.7414	0.0000	8.3984
33.6377	6.4046	8.4004	6.8753	7.2042	14.1463	14.1415	14.1410	-0.0010	-0.0049	5.9244	14.1439	-0.0052	5.6517	-23.7024	-0.1647	0.0000	1.7410	0.0000	9.0000
33.5634	6.3865	8.3854	6.8606	7.2267	14.1376	14.1358	14.1352	-0.0004	-0.0037	5.6845	14.1402	0.0025	5.6411	-21.7205	-0.2060	0.0000	1.7414	0.0000	9.5508
33.4868	6.3797	8.3750	6.8682	7.2693	14.1411	14.1381	14.1393	-0.0034	-0.0007	5.7473	14.1439	0.0025	5.6329	-21.6031	-0.1372	0.0000	1.7406	0.0000	10.1602
33.3906	6.3629	8.3629	6.8365	7.2607	14.1272	14.1375	14.1422	0.0002	-0.0037	6.4989	14.1421	0.0015	5.6211	-18.0023	-0.1097	0.0000	1.7404	0.0000	10.7109
33.2878	6.3473	8.3502	6.7953	7.3873	14.1393	14.1410	14.1404	-0.0034	-0.0049	6.5411	14.1402	0.0063	5.6046	-21.1075	-0.0822	0.0000	1.7400	0.0000	11.3086
33.1631	6.3281	8.3352	6.7918	6.7500	14.1272	14.1329	14.1393	0.0002	0.0101	6.6159	14.1348	0.0025	5.5670	-26.9474	-0.1647	0.0000	1.7395	0.0000	11.8594
33.0843	6.3081	8.3219	6.7871	7.0494	14.1463	14.1375	14.1416	-0.0034	0.0011	6.5303	14.1330	0.0044	5.5446	-25.0059	-0.1647	0.0000	1.7400	0.0000	12.4609
32.9640	6.2913	8.3173	6.7624	7.7293	14.1376	14.1352	14.1410	0.0008	0.0029	6.1020	14.1384	-0.0004	5.5470	-26.8041	-0.1097	0.0000	1.7394	0.0000	13.0078
32.8393	6.2733	8.2925	6.7165	7.2192	14.1393	14.1375	14.1422	-0.0028	0.0005	6.0751	14.1484	0.0044	5.5246	-24.3802	-0.1097	0.0000	1.7388	0.0000	13.6172

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34.9656	6.6139	8.5310	6.8533	7.3896	14.1341	14.1424	14.1421	0.0052	-0.0001	6.9611	13.8948	-0.1150	13.8156	-3.8990	23.9773	0.0293	1.7453	0.0000	0.4297
34.8716	6.5946	8.5304	6.8356	7.3154	14.1428	14.1401	14.1403	-0.0003	0.0029	6.4871	13.9039	-0.1150	13.8191	-4.1608	23.9488	0.0293	1.7454	0.0000	1.0898
34.7819	6.5809	8.5189	6.7045	6.7966	14.1376	14.1413	14.1415	0.0021	-0.0013	6.0171	13.9157	-0.1198	13.8332	-4.7368	23.9488	0.0299	1.7451	0.0000	1.7500
34.6134	6.5592	8.5056	6.8045	7.2682	14.1359	14.1401	14.1386	-0.0021	-0.0031	5.7322	13.9175	-0.1103	13.8320	-4.1608	23.9488	0.0287	1.7441	0.0000	2.4102
34.4428	6.5299	8.4860	6.7498	6.4961	14.1428	14.1424	14.1397	-0.0009	0.0058	5.5711	13.9221	-0.1131	13.8403	-4.3965	23.9488	0.0290	1.7438	0.0000	3.1289
34.3356	6.5106	8.4664	6.6957	6.4707	14.1393	14.1424	14.1392	0.0021	-0.0043	5.5477	13.9184	-0.1160	13.8426	-4.6975	23.9488	0.0294	1.7437	0.0000	3.7813
34.1912	6.4926	8.4531	6.6963	6.2226	14.1481	14.1442	14.1450	-0.0015	0.0005	6.1730	13.9293	-0.1131	13.8415	-4.6190	23.9488	0.0290	1.7427	0.0000	4.4414
34.0512	6.4683	8.4364	6.7028	6.6222	14.1428	14.1436	14.1409	0.0003	-0.0049	6.5117	13.9502	-0.1131	13.8673	-4.5404	23.9488	0.0291	1.7425	0.0000	5.1016
33.9353	6.4490	8.4220	6.6422	6.0723	14.1428	14.1430	14.1392	-0.0009	-0.0019	6.6088	13.9548	-0.1083	13.8756	-4.6844	23.9345	0.0285	1.7422	0.0000	5.8203
33.7712	6.4192	8.4029	6.6322	6.6527	14.1359	14.1390	14.1409	-0.0051	0.0023	6.3581	13.9730	-0.1188	13.8756	-4.4226	23.9202	0.0298	1.7421	0.0000	6.4805
33.6269	6.4030	8.3776	6.6281	6.5715	14.1463	14.1373	14.1409	-0.0015	-0.0037	6.5322	13.9748	-0.1112	13.8885	-4.0037	23.9345	0.0288	1.7409	0.0000	7.1406
33.5109	6.3837	8.3643	6.6146	6.8058	14.1411	14.1378	14.1433	0.0015	0.0076	6.2004	13.9712	-0.1217	13.8944	-4.2263	23.9345	0.0302	1.7406	0.0000	7.7891
33.3622	6.3607	8.3476	6.6051	6.7195	14.1341	14.1321	14.1380	0.0021	0.0005	6.1176	13.9784	-0.1207	13.8944	-4.2786	23.9345	0.0301	1.7401	0.0000	8.5117
33.2463	6.3414	8.3308	6.5928	6.5145	14.1341	14.1361	14.1409	0.0046	-0.0019	6.4609	13.9839	-0.1141	13.9073	-4.1477	23.9488	0.0292	1.7398	0.0000	9.1719
33.1150	6.3147	8.3135	6.5505	6.4794	14.1272	14.1373	14.1368	0.0040	-0.0025	6.1285	13.9930	-0.1179	13.9085	-4.3834	23.9488	0.0297	1.7400	0.0000	9.8320
32.9247	6.2842	8.2951	6.4976	6.2531	14.1359	14.1378	14.1374	0.0040	0.0011	5.8367	13.9975	-0.1150	13.9215	-4.3965	23.8916	0.0294	1.7394	0.0000	10.4883
32.8088	6.2717	8.2824	6.5181	6.2203	14.1393	14.1430	14.1357	0.0070	0.0023	5.6328	14.0030	-0.1179	13.9215	-4.1608	23.9488	0.0297	1.7383	0.0000	11.1484
32.6666	6.2512	8.2599	6.4146	6.5934	14.1428	14.1390	14.1403	-0.0021	0.0064	5.6625	14.0039	-0.1131	13.9238	-4.3310	23.9488	0.0291	1.7376	0.0000	11.8594
32.5638	6.2307	8.2489	6.4482	6.6895	14.1428	14.1355	14.1403	0.0009	-0.0103	6.0034	14.0157	-0.1150	13.9250	-4.4619	23.9488	0.0294	1.7377	0.0000	12.5195
32.4478	6.2108	8.2287	6.4346	6.3084	14.1481	14.1407	14.1380	0.0040	-0.0007	6.3089	14.0130	-0.1150	13.9179	-4.1870	23.8630	0.0294	1.7375	0.0000	13.1797
32.3034	6.1940	8.2149	6.4811	6.0988	14.1341	14.1453	14.1392	-0.0015	-0.0001	6.5762	14.0294	-0.1179	13.9426	-4.3703	23.9488	0.0298	1.7363	0.0000	13.8398
32.1416	6.1716	8.1935	6.4029	6.7281	14.1411	14.1424	14.1397	-0.0003	-0.0049	6.4020	14.0503	-0.1169	13.9497	-4.3834	23.9488	0.0297	1.7354	0.0000	14.5508
32.0650	6.1529	8.1756	6.3911	6.2646	14.1481	14.1442	14.1374	-0.0021	-0.0025	5.8252	14.0512	-0.1141	13.9556	-4.0823	23.9345	0.0293	1.7358	0.0000	15.2109
31.9294	6.1405	8.1635	6.3288	6.2905	14.1550	14.1424	14.1415	-0.0009	-0.0079	5.9029	14.0548	-0.1179	13.9544	-4.1870	23.9631	0.0298	1.7344	0.0000	15.8711

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34.2331	6.5090	8.3753	6.7043	6.8144	14.1309	14.1405	14.1395	-0.0006	0.0003	6.6462	23.3689	-0.1943	23.1482	13.8232	24.3778	0.0492	1.7419	0.0000	0.3906
34.2419	6.5078	8.4065	6.7796	7.1028	14.1361	14.1422	14.1406	-0.0006	0.0087	6.2676	23.3816	-0.1972	23.1517	13.4157	24.3063	0.0496	1.7422	0.0000	1.0508
34.1194	6.4841	8.4117	6.7131	7.3567	14.1344	14.1393	14.1395	0.0024	-0.0021	5.8410	23.3925	-0.2039	23.1541	13.1792	24.3492	0.0504	1.7422	0.0000	1.6992
33.9925	6.4698	8.4059	6.6826	6.3008	14.1431	14.1399	14.1435	-0.0018	-0.0044	5.6006	23.4034	-0.1962	23.1658	12.7586	24.3349	0.0495	1.7412	0.0000	2.3125
33.8547	6.4561	8.3921	6.6767	6.8552	14.1396	14.1462	14.1406	-0.0060	-0.0021	5.4875	23.4143	-0.2048	23.1811	12.7849	24.3349	0.0506	1.7399	0.0000	2.9727
33.7103	6.4300	8.3817	6.7284	6.6295	14.1413	14.1410	14.1418	0.0000	0.0021	5.4847	23.4380	-0.1962	23.2164	12.5220	24.3349	0.0495	1.7398	0.0000	3.6328
33.5441	6.3983	8.3696	6.6444	6.9566	14.1361	14.1393	14.1395	-0.0030	-0.0044	6.4538	23.5098	-0.1982	23.2894	12.2987	24.3206	0.0499	1.7398	0.0000	4.2930
33.3581	6.3759	8.3500	6.5756	6.5835	14.1309	14.1387	14.1424	0.0024	0.0009	6.4109	23.5462	-0.2010	23.3117	12.0227	24.3349	0.0503	1.7384	0.0000	4.9414
33.2028	6.3497	8.3275	6.6032	6.5944	14.1344	14.1399	14.1389	0.0006	0.0021	6.2419	23.5598	-0.1991	23.3294	11.9833	24.3635	0.0500	1.7381	0.0000	5.6016
33.0759	6.3180	8.2946	6.5450	6.4511	14.1326	14.1393	14.1365	-0.0060	0.0063	6.3424	23.5671	-0.1953	23.3270	11.6548	24.2777	0.0496	1.7388	0.0000	6.2617
32.9141	6.2987	8.2784	6.5650	6.0728	14.1396	14.1422	14.1424	0.0024	0.0003	6.4875	23.5789	-0.1943	23.3423	11.5891	24.3349	0.0494	1.7376	0.0000	6.9219
32.7653	6.2751	8.2640	6.5844	6.3906	14.1326	14.1450	14.1412	0.0042	-0.0128	6.2430	23.5907	-0.1953	23.3353	11.2738	24.3206	0.0496	1.7371	0.0000	7.5820
32.6538	6.2527	8.2496	6.5185	6.7050	14.1222	14.1445	14.1383	0.0024	-0.0134	6.0472	23.6017	-0.1982	23.3423	11.2213	24.2634	0.0500	1.7372	0.0000	8.1914
32.5684	6.2415	8.2375	6.4468	6.5230	14.1378	14.1416	14.1424	-0.0042	-0.0068	6.2522	23.6080	-0.1934	23.3517	11.0242	24.2490	0.0494	1.7367	0.0000	8.8398
32.3628	6.2191	8.2173	6.4833	6.1695	14.1413	14.1370	14.1400	0.0061	-0.0021	5.8850	23.6171	-0.2020	23.3388	10.7878	24.3349	0.0504	1.7349	0.0000	9.5000
32.2644	6.1967	8.1971	6.4544	6.4131	14.1361	14.1376	14.1406	0.0036	0.0039	5.6605	23.6189	-0.1943	23.3670	10.5513	24.3063	0.0495	1.7353	0.0000	10.1602
32.1988	6.1805	8.1849	6.3598	6.4228	14.1396	14.1462	14.1395	0.0018	0.0015	5.4532	23.6253	-0.1991	23.3894	10.4988	24.2920	0.0501	1.7356	0.0000	10.8203
32.0631	6.1612	8.1723	6.4203	6.1845	14.1326	14.1433	14.1389	-0.0018	-0.0015	5.6126	23.6308	-0.1982	23.4094	10.3543	24.3206	0.0500	1.7349	0.0000	11.4805
31.9428	6.1382	8.1440	6.4315	6.3607	14.1222	14.1422	14.1412	-0.0006	0.0027	6.0226	23.6462	-0.2039	23.4176	10.1179	24.2347	0.0507	1.7349	0.0000	12.1406
31.8291	6.1258	8.1434	6.3927	6.0216	14.1431	14.1399	14.1424	0.0006	-0.0056	6.2185	23.6462	-0.1972	23.4306	9.8684	24.3206	0.0499	1.7339	0.0000	12.8008
31.6541	6.1028	8.1226	6.3868	6.4188	14.1361	14.1301	14.1412	0.0073	0.0069	6.3247	23.6508	-0.1972	23.4153	9.6714	24.3206	0.0499	1.7327	0.0000	13.4609
31.5688	6.0816	8.1157	6.3133	6.0319	14.1378	14.1376	14.1400	0.0042	-0.0033	6.1414	23.6580	-0.1953	23.4223	9.5926	24.2777	0.0496	1.7332	0.0000	14.1211
31.4725	6.0716	8.0909	6.3257	5.8949	14.1378	14.1387	14.1400	0.0085	-0.0039	5.7222	23.6599	-0.1953	23.4082	9.4481	24.3063	0.0497	1.7323	0.0000	14.7227
31.3478	6.0505	8.0759	6.2898	6.2398	14.1361	14.1433	14.1389	-0.0030	0.0081	5.8170	23.6689	-0.1982	23.4176	9.2249	24.3349	0.0500	1.7320	0.0000	15.3828

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34.6742	6.5703	8.5554	6.4826	6.4719	14.1359	14.1439	14.1344	0.0051	0.0065	6.4912	30.8974	-0.5950	35.8462	12.5746	25.6241	0.0992	1.7441	0.0000	0.3789
34.6742	6.5697	8.5693	6.5020	6.3723	14.1394	14.1410	14.1420	-0.0022	-0.0001	6.2256	30.8974	-0.5950	35.8462	12.3644	25.6097	0.0992	1.7442	0.0000	1.0391
34.6698	6.5660	8.5733	6.5008	6.6607	14.1341	14.1416	14.1414	0.0015	-0.0084	5.9207	30.8974	-0.6026	35.8462	12.0753	25.6241	0.0998	1.7445	0.0000	1.6484
34.5889	6.5535	8.5676	6.5185	6.8783	14.1481	14.1421	14.1361	0.0021	-0.0001	5.8121	30.8974	-0.5979	35.8462	11.8913	25.6241	0.0994	1.7442	0.0000	2.3086
34.4205	6.5293	8.5520	6.4379	6.6947	14.1428	14.1416	14.1367	0.0045	0.0047	7.5065	30.8974	-0.6055	35.8462	11.7862	25.6241	0.1001	1.7434	0.0000	2.9688
34.3155	6.5162	8.5416	6.4514	6.5836	14.1411	14.1381	14.1420	0.0057	0.0089	7.4723	30.8974	-0.6084	35.8462	11.3658	25.6097	0.1003	1.7427	0.0000	3.6211
34.1995	6.4894	8.5231	6.4073	6.9002	14.1463	14.1416	14.1414	0.0021	0.0035	6.6648	30.8974	-0.5883	35.8462	11.2213	25.6241	0.0986	1.7432	0.0000	4.2813
34.0530	6.4720	8.5122	6.3856	6.5047	14.1394	14.1364	14.1432	0.0063	0.0011	6.1102	30.8974	-0.6055	35.8462	11.1425	25.6384	0.1001	1.7422	0.0000	4.9414
33.8889	6.4440	8.4914	6.4861	6.8254	14.1446	14.1393	14.1391	0.0039	-0.0012	6.3135	30.8974	-0.6141	35.8462	10.9585	25.6097	0.1008	1.7418	0.0000	5.6016
33.7708	6.4254	8.4810	6.3397	6.6659	14.1359	14.1404	14.1408	0.0063	0.0053	6.8955	30.8974	-0.6131	35.8462	10.5907	25.6097	0.1007	1.7414	0.0000	6.2617
33.6505	6.4030	8.4608	6.3491	6.4333	14.1463	14.1387	14.1373	0.0057	0.0011	6.3941	30.8974	-0.6045	35.8462	10.4988	25.6671	0.1000	1.7414	0.0000	6.9219
33.5936	6.3955	8.4481	6.3315	6.1512	14.1516	14.1375	14.1420	0.0045	0.0023	6.0137	30.8974	-0.6045	35.8462	10.2755	25.6097	0.1000	1.7410	0.0000	7.5195
33.6417	6.4036	8.4360	6.3444	6.7908	14.1254	14.1370	14.1373	-0.0040	0.0095	5.8510	30.8974	-0.6045	35.8462	10.1836	25.6384	0.1000	1.7412	0.0000	8.1797
33.7095	6.4111	8.4331	6.3521	6.3521	14.1376	14.1375	14.1391	-0.0003	0.0065	6.1411	30.8974	-0.5941	35.8462	9.8815	25.6671	0.0991	1.7417	0.0000	8.8398
33.7248	6.4092	8.4395	6.3626	6.7033	14.1394	14.1433	14.1373	-0.0046	0.0011	6.0623	30.8974	-0.6026	35.8462	9.8158	25.6384	0.0998	1.7422	0.0000	9.5000
33.6680	6.4042	8.4377	6.3350	6.3654	14.1394	14.1398	14.1397	0.0003	0.0035	5.9566	30.8974	-0.6122	35.8462	9.5532	25.6097	0.1006	1.7416	0.0000	10.1602
33.5695	6.3905	8.4314	6.3250	6.6204	14.1376	14.1456	14.1367	0.0015	-0.0024	5.7870	30.8974	-0.6055	35.8462	9.4481	25.6241	0.1001	1.7411	0.0000	10.8203
33.4798	6.3775	8.4256	6.3074	6.6515	14.1394	14.1444	14.1361	0.0015	0.0005	5.9561	30.8974	-0.6026	35.8462	9.1199	25.6097	0.0998	1.7407	0.0000	11.4805
33.3727	6.3632	8.4176	6.3374	6.1638	14.1376	14.1439	14.1344	0.0075	-0.0042	6.2639	30.8974	-0.6036	35.8462	8.9360	25.6241	0.0999	1.7400	0.0000	12.1406
33.2370	6.3439	8.4002	6.2609	5.6825	14.1463	14.1410	14.1402	0.0063	0.0059	6.3507	30.8974	-0.6026	35.8462	8.6603	25.6241	0.0998	1.7394	0.0000	12.7422
33.1298	6.3202	8.3893	6.2709	6.3987	14.1394	14.1404	14.1408	0.0081	0.0047	6.6328	30.8974	-0.6084	35.8462	8.4896	25.6241	0.1003	1.7397	0.0000	13.3984
32.9942	6.3034	8.3737	6.2486	6.6809	14.1376	14.1370	14.1385	0.0015	0.0107	6.4312	30.8974	-0.6074	35.8462	8.3321	25.6241	0.1002	1.7387	0.0000	14.0586
32.8914	6.2848	8.3610	6.2356	6.3279	14.1376	14.1393	14.1379	0.0021	0.0053	6.6710	30.8974	-0.6055	35.8462	8.1877	25.6384	0.1001	1.7386	0.0000	14.7188
32.7689	6.2649	8.3408	6.2321	5.4292	14.1359	14.1410	14.1397	0.0075	0.0023	6.9486	30.8974	-0.6103	35.8462	7.8333	25.6671	0.1005	1.7383	0.0000	15.3789

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35.2358	6.7304	8.6088	7.1967	7.0268	14.2298	14.2303	14.2303	-0.0035	0.0068	7.1991	14.2426	-0.0049	14.2272	16.8082	-0.5360	0.0000	1.7389	0.0000	0.3906
35.5596	6.7858	8.6815	7.2102	7.1846	14.2298	14.2320	14.2303	-0.0059	-0.0010	6.6726	14.2235	0.0018	14.2331	16.4136	-0.4947	0.0000	1.7395	0.0000	0.9883
35.7543	6.8075	8.7375	7.2708	7.6129	14.2333	14.2343	14.2286	0.0020	0.0026	6.2408	14.2290	0.0027	14.2213	15.9270	-0.5635	0.0000	1.7410	0.0000	1.5391
35.7608	6.8131	8.7623	7.2867	7.0228	14.2246	14.2297	14.2321	0.0002	0.0020	5.9501	14.2317	0.0018	14.2131	15.7034	-0.5360	0.0000	1.7406	0.0000	2.1484
35.7214	6.8094	8.7640	7.2490	6.5714	14.2246	14.2251	14.2303	0.0002	-0.0010	5.7640	14.2363	-0.0002	14.2260	15.3746	-0.5085	0.0000	1.7402	0.0000	2.6914
35.6602	6.7907	8.7761	7.2749	8.3896	14.2298	14.2331	14.2257	0.0044	0.0008	5.7783	14.2326	0.0046	14.2084	14.9933	-0.5497	0.0000	1.7409	0.0000	3.3008
35.5464	6.7721	8.7565	7.3014	7.8064	14.2350	14.2262	14.2274	-0.0065	0.0056	6.2505	14.2335	-0.0049	14.2225	14.6909	-0.5222	0.0000	1.7406	0.0000	3.8984
35.4021	6.7466	8.7450	7.1926	7.2663	14.2333	14.2303	14.2286	0.0008	-0.0040	6.0843	14.2308	-0.0030	14.2202	14.4016	-0.5222	0.0000	1.7404	0.0000	4.4492
35.2883	6.7329	8.7375	7.2508	7.2375	14.2333	14.2360	14.2315	0.0038	0.0062	7.3161	14.2354	0.0008	14.2166	14.1650	-0.5497	0.0000	1.7396	0.0000	5.0586
35.1658	6.7173	8.7109	7.1826	7.7361	14.2298	14.2314	14.2268	0.0014	-0.0010	7.4835	14.2344	-0.0049	14.2307	13.8889	-0.5360	0.0000	1.7388	0.0000	5.6094
35.0389	6.6918	8.7017	7.1955	7.6146	14.2333	14.2262	14.2286	-0.0035	-0.0082	7.2305	14.2190	0.0094	14.2296	13.6260	-0.5085	0.0000	1.7390	0.0000	6.2109
34.9318	6.6732	8.6861	7.1156	7.5974	14.2385	14.2417	14.2286	0.0044	-0.0052	6.9290	14.2254	0.0018	14.2319	13.3894	-0.5772	0.0000	1.7388	0.0000	6.7617
34.7939	6.6576	8.6740	7.1114	8.5871	14.2385	14.2262	14.2216	-0.0065	-0.0040	7.0340	14.2354	-0.0068	14.2143	13.0083	-0.5085	0.0000	1.7377	0.0000	7.3594
34.6824	6.6358	8.6607	7.1203	7.7327	14.2333	14.2349	14.2280	0.0008	-0.0040	6.6634	14.2263	-0.0030	14.2178	12.8637	-0.5222	0.0000	1.7378	0.0000	7.9102
34.5730	6.6153	8.6446	7.0962	8.8300	14.2298	14.2285	14.2292	0.0038	0.0038	6.3807	14.2372	0.0037	14.2237	12.6535	-0.5497	0.0000	1.7377	0.0000	8.5195
34.4658	6.5960	8.6163	7.0867	7.6578	14.2228	14.2297	14.2245	0.0008	-0.0022	6.1586	14.2281	-0.0002	14.2237	12.2724	-0.5085	0.0000	1.7376	0.0000	9.1211
34.3565	6.5861	8.6152	7.0327	7.5076	14.2316	14.2326	14.2303	-0.0035	-0.0022	5.9210	14.2335	-0.0021	14.2331	12.1410	-0.5085	0.0000	1.7365	0.0000	9.6719
34.2230	6.5618	8.5892	7.0650	8.6803	14.2298	14.2291	14.2257	0.0008	0.0080	5.9553	14.2372	-0.0087	14.2260	11.8650	-0.5222	0.0000	1.7364	0.0000	10.2695
34.1246	6.5431	8.5794	7.0138	7.9353	14.2350	14.2245	14.2303	-0.0010	-0.0052	6.7297	14.2354	-0.0078	14.2202	11.6154	-0.5497	0.0000	1.7363	0.0000	10.8203
34.0261	6.5319	8.5707	6.9615	8.2307	14.2316	14.2314	14.2309	-0.0035	-0.0016	6.7696	14.2344	-0.0049	14.2190	11.3526	-0.4535	0.0000	1.7356	0.0000	11.4297
33.8949	6.5071	8.5471	6.9786	7.3510	14.2350	14.2239	14.2257	0.0038	-0.0052	6.8353	14.2399	0.0027	14.2237	11.1425	-0.5772	0.0000	1.7355	0.0000	11.9805
33.7702	6.4971	8.5292	6.9644	6.9370	14.2298	14.2285	14.2280	-0.0143	-0.0040	6.7571	14.2299	0.0037	14.2307	10.9191	-0.5222	0.0000	1.7341	0.0000	12.5781
33.6477	6.4685	8.5269	6.9639	7.9261	14.2437	14.2320	14.2262	0.0074	-0.0052	6.3665	14.2344	-0.0040	14.2025	10.7221	-0.5222	0.0000	1.7346	0.0000	13.1289
33.5493	6.4517	8.5113	6.9609	5.9024	14.2350	14.2285	14.2315	0.0002	0.0002	6.3019	14.2363	-0.0059	14.2049	10.4069	-0.5085	0.0000	1.7344	0.0000	13.7305

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35.1095	6.6847	8.6157	6.8401	6.4701	14.2227	14.2323	14.2304	0.0000	0.0007	7.3080	7.6141	-0.1776	7.6051	1.7337	21.1116	0.0270	1.7410	0.0000	0.3906
35.0373	6.6760	8.6001	6.8736	7.1638	14.2297	14.2369	14.2327	0.0012	-0.0052	6.5953	7.7632	-0.2214	7.7286	1.4978	21.1543	0.0305	1.7405	0.0000	1.0430
34.9060	6.6580	8.5857	6.7630	7.7465	14.2297	14.2346	14.2315	0.0024	0.0049	6.1705	7.7905	-0.2233	7.7357	1.3536	21.1827	0.0307	1.7398	0.0000	1.6992
34.7748	6.6350	8.5713	6.7613	6.3641	14.2349	14.2260	14.2298	-0.0049	0.0019	5.8604	7.7805	-0.2281	7.7263	1.1439	21.1258	0.0310	1.7396	0.0000	2.3594
34.6348	6.6194	8.5626	6.7513	6.6589	14.2384	14.2358	14.2350	-0.0018	-0.0058	5.7102	7.7578	-0.2338	7.7098	0.8687	21.1827	0.0314	1.7385	0.0000	3.0195
34.5079	6.5952	8.5465	6.7289	6.9381	14.2262	14.2323	14.2315	-0.0006	0.0055	5.9866	7.7432	-0.2367	7.6851	0.5935	21.1116	0.0315	1.7385	0.0000	3.7422
34.3526	6.5697	8.5211	6.7213	6.6526	14.2436	14.2329	14.2350	0.0018	-0.0005	6.2955	7.7351	-0.2376	7.6662	0.4756	21.1258	0.0316	1.7381	0.0000	4.3906
34.2367	6.5510	8.4997	6.6701	6.4367	14.2349	14.2277	14.2304	-0.0042	-0.0022	6.8774	7.7196	-0.2395	7.6451	0.0431	21.1116	0.0317	1.7377	0.0000	5.0508
34.0770	6.5286	8.4882	6.6502	6.3348	14.2332	14.2340	14.2315	0.0000	0.0025	6.8061	7.7005	-0.2433	7.6380	-0.2582	21.1258	0.0319	1.7369	0.0000	5.7109
33.9370	6.5043	8.4697	6.6137	6.2979	14.2332	14.2375	14.2315	0.0030	0.0013	6.4137	7.6814	-0.2414	7.6168	-0.5464	21.0832	0.0317	1.7366	0.0000	6.3711
33.7664	6.4776	8.4472	6.5831	5.9346	14.2349	14.2340	14.2333	0.0030	-0.0022	6.5508	7.6678	-0.2462	7.5921	-0.6382	20.9979	0.0320	1.7360	0.0000	7.0898
33.6220	6.4558	8.4259	6.5767	5.7607	14.2332	14.2254	14.2304	-0.0012	0.0043	6.2281	7.6587	-0.2500	7.5851	-0.9002	20.9979	0.0323	1.7354	0.0000	7.7500
33.4907	6.4353	8.4115	6.5490	5.7872	14.2297	14.2352	14.2315	-0.0012	-0.0052	6.1887	7.6323	-0.2557	7.5662	-1.1229	20.9979	0.0326	1.7349	0.0000	8.4023
33.3245	6.4098	8.3924	6.5678	6.1845	14.2297	14.2386	14.2286	0.0024	0.0067	6.3138	7.6178	-0.2567	7.5474	-1.2800	20.9979	0.0326	1.7343	0.0000	9.0625
33.1801	6.3917	8.3711	6.5220	6.2029	14.2349	14.2329	14.2321	0.0018	0.0079	6.2824	7.5941	-0.2567	7.5286	-1.6075	21.0263	0.0325	1.7333	0.0000	9.7813
33.0642	6.3631	8.3497	6.4696	6.2219	14.2332	14.2289	14.2274	-0.0061	-0.0017	6.0243	7.5850	-0.2576	7.5039	-1.7909	20.9836	0.0326	1.7339	0.0000	10.4414
32.9067	6.3382	8.3284	6.4720	6.0791	14.2279	14.2352	14.2321	-0.0055	-0.0005	5.7913	7.5605	-0.2557	7.4886	-1.9742	20.9694	0.0324	1.7334	0.0000	11.1016
32.7623	6.3177	8.3203	6.4661	6.9779	14.2192	14.2340	14.2298	0.0054	0.0043	5.7022	7.5486	-0.2634	7.4686	-2.1969	21.0263	0.0329	1.7326	0.0000	11.7500
32.5742	6.2922	8.2926	6.4085	5.9231	14.2157	14.2306	14.2310	0.0000	0.0115	6.0066	7.5359	-0.2615	7.4580	-2.3409	20.9694	0.0327	1.7315	0.0000	12.4727
32.4254	6.2692	8.2724	6.3950	6.0998	14.2314	14.2323	14.2315	0.0012	-0.0040	6.2693	7.5105	-0.2681	7.4321	-2.5897	20.8983	0.0331	1.7309	0.0000	13.1328
32.2614	6.2486	8.2586	6.3738	5.5776	14.2314	14.2358	14.2310	0.0024	0.0007	6.8843	7.4895	-0.2710	7.4203	-2.7731	20.8841	0.0332	1.7297	0.0000	13.7930
32.1192	6.2225	8.2413	6.3338	5.4314	14.2349	14.2346	14.2310	0.0000	0.0001	6.5314	7.4841	-0.2786	7.3897	-2.9956	20.8983	0.0337	1.7295	0.0000	14.4492
31.9376	6.2007	8.2222	6.3185	5.5005	14.2227	14.2312	14.2292	-0.0012	0.0103	5.9112	7.4523	-0.2719	7.3756	-3.1659	20.8699	0.0332	1.7281	0.0000	15.1602
31.7976	6.1727	8.2026	6.3097	5.9001	14.2244	14.2249	14.2251	0.0036	0.0013	5.9797	7.4432	-0.2796	7.3439	-3.4146	21.0263	0.0337	1.7282	0.0000	15.8203

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36.2619	6.8727	8.7438	6.9065	6.9742	14.2282	14.2319	14.2273	0.0035	0.0003	7.3679	9.4359	-0.4650	9.1439	5.6286	21.7661	0.0490	1.7440	0.0000	0.3828
35.6429	6.7794	8.7029	6.8401	6.3121	14.2317	14.2285	14.2308	-0.0019	-0.0038	6.7089	9.5496	-0.5041	9.2286	5.2219	21.8800	0.0514	1.7417	0.0000	1.1016
34.2976	6.5735	8.6296	6.6378	5.8377	14.2299	14.2319	14.2308	0.0023	-0.0021	6.1852	9.4832	-0.5213	9.1274	4.8546	21.7803	0.0521	1.7366	0.0000	1.7500
34.0985	6.5411	8.5292	6.6166	5.9304	14.2247	14.2314	14.2291	-0.0031	0.0063	5.8357	9.4951	-0.5117	9.1804	5.0776	21.7946	0.0516	1.7360	0.0000	2.4102
35.1332	6.6967	8.5361	6.7148	6.6420	14.2352	14.2308	14.2279	-0.0013	0.0021	5.7483	9.5651	-0.5032	9.2486	4.9988	21.8942	0.0514	1.7403	0.0000	3.0703
35.2404	6.7135	8.5719	6.7960	6.0784	14.2265	14.2314	14.2308	0.0029	0.0069	5.7906	9.5587	-0.5003	9.2498	4.6971	21.7946	0.0512	1.7406	0.0000	3.7305
34.7919	6.6475	8.5615	6.7136	6.2476	14.2282	14.2279	14.2314	-0.0007	-0.0056	6.7454	9.5051	-0.5136	9.1863	4.3561	21.8942	0.0517	1.7387	0.0000	4.3906
34.3829	6.5828	8.5350	6.6460	6.3933	14.2334	14.2337	14.2303	0.0005	-0.0003	7.0989	9.4632	-0.5117	9.1380	4.0938	21.8515	0.0515	1.7373	0.0000	5.0508
34.1488	6.5368	8.4969	6.6143	6.0755	14.2299	14.2291	14.2297	0.0011	0.0009	6.6204	9.4296	-0.5108	9.0969	4.0020	21.8515	0.0514	1.7375	0.0000	5.7617
34.0263	6.5281	8.4721	6.5755	5.9350	14.2334	14.2319	14.2308	-0.0043	-0.0009	6.3520	9.4050	-0.5184	9.0721	3.8184	21.8942	0.0517	1.7360	0.0000	6.4219
33.9082	6.5075	8.4496	6.5555	5.9091	14.2369	14.2239	14.2279	0.0072	0.0039	6.4679	9.3905	-0.5165	9.0710	3.6873	21.8800	0.0516	1.7357	0.0000	7.0820
33.7748	6.4883	8.4248	6.5349	6.1912	14.2230	14.2199	14.2267	0.0029	0.0027	6.2960	9.3723	-0.5117	9.0557	3.5037	21.8942	0.0513	1.7351	0.0000	7.7422
33.6851	6.4733	8.4207	6.5561	6.4226	14.2439	14.2337	14.2285	0.0047	0.0003	6.0333	9.3696	-0.5117	9.0392	3.2807	21.8800	0.0513	1.7349	0.0000	8.4023
33.6435	6.4677	8.3994	6.4849	6.2827	14.2282	14.2302	14.2303	0.0047	0.0045	6.0921	9.3577	-0.5175	9.0239	3.1890	21.8942	0.0516	1.7346	0.0000	9.0625
33.5516	6.4559	8.3907	6.5443	6.2862	14.2317	14.2256	14.2273	-0.0007	-0.0021	6.3588	9.3377	-0.5127	9.0110	3.0054	21.9227	0.0513	1.7340	0.0000	9.7227
33.4991	6.4404	8.3879	6.5455	6.2655	14.2265	14.2319	14.2291	-0.0013	0.0045	6.1669	9.3277	-0.5156	9.0051	2.7301	21.8515	0.0514	1.7346	0.0000	10.4297
33.5188	6.4497	8.3729	6.5396	6.4273	14.2299	14.2279	14.2285	0.0017	0.0045	5.9482	9.3314	-0.5098	9.0016	2.6907	21.8942	0.0511	1.7340	0.0000	11.0898
33.7682	6.4895	8.3861	6.5672	6.1653	14.2352	14.2354	14.2297	0.0035	-0.0038	5.8734	9.3459	-0.5070	9.0286	2.5858	21.8942	0.0510	1.7348	0.0000	11.7500
34.0023	6.5219	8.4075	6.6149	6.0473	14.2352	14.2296	14.2256	0.0053	0.0021	6.1013	9.3541	-0.5003	9.0510	2.2843	21.8942	0.0507	1.7361	0.0000	12.4102
34.2494	6.5579	8.4311	6.6319	6.0162	14.2230	14.2279	14.2291	-0.0013	-0.0056	6.5518	9.3659	-0.4994	9.0510	2.1794	21.8800	0.0506	1.7373	0.0000	13.0703
34.2166	6.5548	8.4530	6.6537	6.3467	14.2143	14.2314	14.2279	0.0053	0.0003	7.2988	9.3650	-0.4974	9.0427	1.8517	21.8942	0.0505	1.7369	0.0000	13.7305
34.1685	6.5449	8.4502	6.6019	5.7479	14.2334	14.2262	14.2303	-0.0049	0.0003	6.9807	9.3477	-0.4917	9.0333	1.5895	21.8942	0.0502	1.7370	0.0000	14.3906
34.0416	6.5256	8.4513	6.5878	6.0450	14.2334	14.2296	14.2273	0.0011	-0.0044	6.3702	9.3305	-0.4994	9.0157	1.2094	21.8800	0.0505	1.7365	0.0000	15.1016
33.8666	6.5013	8.4392	6.5825	6.2338	14.2352	14.2256	14.2308	-0.0013	0.0147	6.4153	9.3186	-0.5003	8.9921	1.1963	21.7661	0.0506	1.7356	0.0000	15.7617

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34.4996	6.5977	8.4959	6.5422	6.1051	14.2235	14.2344	14.2308	-0.0006	-0.0006	6.6193	15.0040	-1.2167	14.1134	5.9697	21.2254	0.1007	1.7381	0.0000	0.3789
34.2787	6.5691	8.4728	6.5345	6.2053	14.2183	14.2258	14.2314	-0.0006	-0.0006	6.2606	15.0186	-1.2091	14.1052	5.6941	21.2538	0.1004	1.7367	0.0000	1.0391
34.1299	6.5423	8.4567	6.5033	5.8184	14.2322	14.2298	14.2273	0.0048	0.0035	5.8900	15.0295	-1.2129	14.1334	5.4974	21.1116	0.1006	1.7365	0.0000	1.6992
33.9680	6.5143	8.4278	6.4669	5.8046	14.2305	14.2310	14.2267	-0.0042	0.0029	5.7135	15.0368	-1.2262	14.1205	5.3268	21.2538	0.1012	1.7362	0.0000	2.3594
33.7580	6.4882	8.4197	6.4640	5.9266	14.2427	14.2378	14.2308	0.0024	-0.0006	6.8774	15.0368	-1.2214	14.1287	5.1956	21.2680	0.1010	1.7348	0.0000	3.0195
33.6487	6.4658	8.3874	6.4140	5.8760	14.2287	14.2246	14.2290	0.0006	-0.0048	6.8819	15.0595	-1.2195	14.1428	5.0382	21.2396	0.1010	1.7349	0.0000	3.6797
33.5174	6.4459	8.3707	6.3993	5.8241	14.2252	14.2373	14.2331	0.0079	0.0011	6.9716	15.0695	-1.2233	14.1569	4.8808	21.2396	0.1012	1.7344	0.0000	4.3398
33.2768	6.4135	8.3459	6.3417	5.7084	14.2252	14.2310	14.2296	-0.0097	0.0011	6.4125	15.0768	-1.2224	14.1534	4.6840	21.3249	0.1012	1.7329	0.0000	5.0000
33.1390	6.3918	8.3361	6.3258	5.6347	14.2305	14.2361	14.2314	0.0024	0.0005	6.1458	15.0804	-1.2195	14.1628	4.4348	21.3818	0.1011	1.7325	0.0000	5.6484
32.9662	6.3607	8.3101	6.3334	5.6762	14.2409	14.2292	14.2302	0.0012	-0.0048	6.1207	15.0904	-1.2253	14.1687	4.2905	21.3818	0.1014	1.7322	0.0000	6.3086
32.8152	6.3364	8.2922	6.2705	5.7493	14.2183	14.2350	14.2314	0.0006	-0.0024	6.4982	15.0913	-1.2319	14.1734	4.1069	21.4387	0.1017	1.7317	0.0000	6.9688
32.6643	6.3103	8.2703	6.2670	5.5656	14.2287	14.2310	14.2314	-0.0024	0.0041	5.9237	15.1013	-1.2300	14.1864	3.8053	21.4103	0.1016	1.7314	0.0000	7.6289
32.5068	6.2885	8.2461	6.2693	5.5138	14.2357	14.2327	14.2284	0.0030	0.0077	5.7284	15.1022	-1.2205	14.1875	3.7659	21.4814	0.1012	1.7305	0.0000	8.2891
32.3865	6.2754	8.2432	6.2100	5.4021	14.2392	14.2281	14.2314	0.0072	0.0005	5.7124	15.1177	-1.2291	14.1840	3.5299	21.5241	0.1016	1.7294	0.0000	8.9492
32.2027	6.2406	8.2132	6.1911	5.4683	14.2113	14.2223	14.2290	-0.0030	0.0011	5.8266	15.1195	-1.2367	14.1911	3.4250	21.5099	0.1020	1.7293	0.0000	9.5469
32.0277	6.2169	8.1936	6.1711	5.4965	14.2218	14.2373	14.2314	0.0042	-0.0048	5.8043	15.1222	-1.2281	14.2005	3.1365	21.6095	0.1016	1.7282	0.0000	10.2070
31.8921	6.1977	8.1711	6.1447	5.4816	14.2340	14.2315	14.2278	0.0000	0.0047	5.5605	15.1286	-1.2338	14.2005	3.0578	21.5668	0.1019	1.7275	0.0000	10.8672
31.7587	6.1697	8.1636	6.1365	5.3140	14.2357	14.2355	14.2354	0.0048	0.0035	5.5959	15.1359	-1.2338	14.2169	2.7956	21.6095	0.1019	1.7277	0.0000	11.5273
31.5684	6.1442	8.1417	6.0894	5.5017	14.2287	14.2344	14.2325	-0.0018	0.0017	5.7055	15.1359	-1.2405	14.2122	2.6121	21.6380	0.1022	1.7265	0.0000	12.1875
31.4393	6.1261	8.1226	6.0800	5.4747	14.2479	14.2338	14.2349	0.0006	-0.0036	6.2561	15.1441	-1.2453	14.2322	2.4416	21.6949	0.1024	1.7257	0.0000	12.8477
31.3059	6.1031	8.1030	6.0436	5.4827	14.2322	14.2332	14.2296	-0.0012	0.0047	6.3543	15.1513	-1.2434	14.2158	2.2450	21.6664	0.1023	1.7254	0.0000	13.5078
31.1287	6.0714	8.0822	5.9930	5.4655	14.2270	14.2241	14.2273	-0.0048	0.0011	6.1961	15.1586	-1.2434	14.2370	2.0746	21.7661	0.1024	1.7251	0.0000	14.1680
30.9318	6.0471	8.0759	5.9718	5.3728	14.2305	14.2350	14.2308	0.0024	-0.0066	5.9031	15.1641	-1.2386	14.2405	1.8386	21.7661	0.1022	1.7235	0.0000	14.8281
30.7940	6.0166	8.0488	5.9507	5.3261	14.2392	14.2275	14.2296	-0.0012	0.0017	6.7883	15.1686	-1.2338	14.2417	1.6158	21.8942	0.1020	1.7239	0.0000	15.4883

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32.9194	6.3629	8.3867	5.9878	5.9089	14.2364	14.2311	14.2307	0.0053	0.0104	6.1326	21.8884	-1.8365	20.4335	4.5004	23.0489	0.1495	1.7310	0.0000	0.3789
32.7707	6.3355	8.3642	5.9461	5.9354	14.2312	14.2352	14.2307	-0.0002	-0.0045	5.8647	21.8875	-1.8289	20.4335	4.2512	23.0775	0.1491	1.7309	0.0000	1.0391
32.5891	6.3119	8.3428	5.9555	5.8041	14.2277	14.2260	14.2272	0.0028	-0.0015	5.5906	21.8784	-1.8327	20.4476	4.0545	23.0775	0.1493	1.7297	0.0000	1.6992
32.4535	6.2876	8.3232	5.9402	5.8139	14.2190	14.2294	14.2331	-0.0002	0.0038	6.4507	21.8829	-1.8337	20.4300	3.8577	23.0632	0.1493	1.7295	0.0000	2.3594
32.3376	6.2740	8.3163	5.9132	5.7477	14.2329	14.2329	14.2313	0.0004	-0.0039	7.4929	21.8875	-1.8222	20.4358	3.7528	23.0917	0.1489	1.7286	0.0000	3.0195
32.2282	6.2553	8.2973	5.8761	5.7960	14.2346	14.2323	14.2313	0.0016	0.0062	7.4649	21.8829	-1.8365	20.4347	3.5692	23.0632	0.1495	1.7283	0.0000	3.6797
32.0991	6.2323	8.2724	5.8538	5.7293	14.2381	14.2283	14.2284	-0.0056	-0.0063	6.5152	21.8857	-1.8375	20.4488	3.4119	23.1345	0.1495	1.7281	0.0000	4.2813
31.9766	6.2148	8.2638	5.8279	5.7736	14.2172	14.2317	14.2319	0.0022	0.0068	6.0623	21.8984	-1.8270	20.4547	3.1890	23.1774	0.1491	1.7274	0.0000	4.9414
31.8847	6.2043	8.2534	5.8232	5.7459	14.2346	14.2323	14.2290	0.0004	0.0002	6.3159	21.8957	-1.8470	20.4464	3.0054	23.2059	0.1499	1.7266	0.0000	5.6016
32.0685	6.2254	8.2488	5.8561	5.8870	14.2224	14.2329	14.2302	-0.0056	-0.0075	6.2211	21.8839	-1.8346	20.4394	2.8612	23.1488	0.1494	1.7282	0.0000	6.2617
32.3704	6.2740	8.2598	5.9067	5.8237	14.2381	14.2271	14.2313	-0.0044	0.0020	5.8333	21.8793	-1.8356	20.4347	2.8087	23.1631	0.1494	1.7292	0.0000	6.9219
32.6285	6.3113	8.2857	5.9543	5.8755	14.2242	14.2294	14.2313	0.0041	0.0062	5.7008	21.8820	-1.8337	20.4417	2.5858	23.1631	0.1493	1.7306	0.0000	7.5781
32.7029	6.3219	8.3088	5.9831	5.8438	14.2451	14.2369	14.2337	0.0107	0.0008	5.6015	21.8848	-1.8222	20.4394	2.3236	23.1774	0.1488	1.7310	0.0000	8.2383
32.6700	6.3212	8.3082	5.9526	5.8887	14.2294	14.2306	14.2307	-0.0080	-0.0045	5.5912	21.8820	-1.8365	20.4370	2.1139	23.1774	0.1494	1.7304	0.0000	8.8984
32.5607	6.2995	8.3036	5.9114	5.8859	14.2277	14.2248	14.2290	-0.0020	-0.0039	5.7762	21.8866	-1.8375	20.4382	1.8648	23.1916	0.1495	1.7304	0.0000	9.5586
32.4907	6.2889	8.3117	5.9061	5.7281	14.2346	14.2323	14.2290	-0.0020	0.0002	5.8179	21.8902	-1.8346	20.4394	1.6289	23.2487	0.1494	1.7301	0.0000	10.1602
32.4950	6.2914	8.3059	5.9138	5.7782	14.2364	14.2329	14.2290	0.0016	0.0032	5.6192	21.8957	-1.8356	20.4511	1.5240	23.1916	0.1495	1.7299	0.0000	10.8203
32.5388	6.2963	8.3007	5.9296	5.8876	14.2346	14.2271	14.2290	-0.0038	0.0026	5.7237	21.8975	-1.8261	20.4570	1.2619	23.2487	0.1490	1.7303	0.0000	11.4805
32.5038	6.2951	8.3024	5.9285	5.9204	14.2242	14.2254	14.2284	0.0047	-0.0069	5.7814	21.8993	-1.8461	20.4500	0.9866	23.3059	0.1499	1.7297	0.0000	12.1406
32.6875	6.3169	8.3024	5.9526	5.8928	14.2416	14.2329	14.2337	0.0010	-0.0039	6.4981	21.9030	-1.8251	20.4547	0.8032	23.2916	0.1490	1.7312	0.0000	12.8008
32.9566	6.3704	8.3296	6.0061	6.1167	14.2312	14.2357	14.2354	0.0034	-0.0033	6.7196	21.8966	-1.8346	20.4476	0.7245	23.3059	0.1494	1.7310	0.0000	13.4492
33.4225	6.4326	8.3573	6.0684	6.0902	14.2294	14.2283	14.2313	-0.0038	-0.0051	6.6619	21.8993	-1.8384	20.4617	0.4231	23.2630	0.1496	1.7339	0.0000	14.1094
33.8972	6.4992	8.3942	6.1595	5.8841	14.2277	14.2288	14.2278	-0.0026	0.0014	7.4409	21.8966	-1.8384	20.4806	0.2135	23.2916	0.1496	1.7364	0.0000	14.7695
34.1772	6.5471	8.4455	6.1731	5.9538	14.2312	14.2306	14.2296	0.0041	0.0062	7.3330	21.8966	-1.8384	20.4511	-0.1796	23.2773	0.1496	1.7370	0.0000	15.4297

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33.2789	6.3250	8.3194	6.8528	8.0415	14.1586	14.1512	14.1561	-0.0008	0.2057	6.8723	14.1170	0.0060	14.1674	19.7559	-0.2335	0.0000	1.7422	0.0000	0.4414
33.4845	6.3635	8.3621	6.9010	7.0328	14.1430	14.1460	14.1602	0.0041	0.2009	6.4572	14.1519	0.0003	14.1785	19.3610	-0.2610	0.0000	1.7422	0.0000	0.9883
33.5239	6.3729	8.4031	6.9069	8.1733	14.1482	14.1472	14.1526	-0.0056	0.2062	6.0131	14.1722	0.0032	14.1592	19.0714	-0.2335	0.0000	1.7420	0.0000	1.5898
33.5261	6.3698	8.4169	6.8804	6.8998	14.1674	14.1547	14.1555	0.0010	0.2062	5.7551	14.1431	0.0032	14.1427	18.7950	-0.1785	0.0000	1.7424	0.0000	2.1406
33.4299	6.3654	8.4186	6.8704	6.3456	14.1604	14.1449	14.1561	-0.0038	0.2068	5.6084	14.1402	0.0013	14.1564	18.5187	-0.1372	0.0000	1.7409	0.0000	2.6914
33.4036	6.3567	8.4111	6.8963	7.6321	14.1517	14.1506	14.1555	0.0023	0.2116	5.6221	14.1635	0.0032	14.1399	18.2949	-0.2748	0.0000	1.7413	0.0000	3.2891
33.3839	6.3517	8.4106	6.8892	8.2829	14.1569	14.1495	14.1520	-0.0026	0.2116	6.0437	14.1577	-0.0006	14.1427	17.9528	-0.2610	0.0000	1.7415	0.0000	3.8398
33.3599	6.3467	8.4008	6.8928	6.4898	14.1430	14.1570	14.1537	0.0035	0.2086	5.9928	14.1257	0.0022	14.1647	17.8476	-0.1647	0.0000	1.7415	0.0000	4.4492
33.3795	6.3492	8.4036	6.8798	7.0908	14.1430	14.1535	14.1561	0.0029	0.2128	7.0514	14.1228	-0.0044	14.1509	17.6107	-0.1372	0.0000	1.7416	0.0000	4.9883
33.3949	6.3530	8.3944	6.8734	6.9068	14.1552	14.1495	14.1561	-0.0020	0.1955	7.2491	14.1344	0.0022	14.1482	17.3871	-0.2473	0.0000	1.7415	0.0000	5.6016
33.4780	6.3554	8.3985	6.9045	7.1868	14.1482	14.1466	14.1590	0.0017	0.2128	7.0060	14.1664	-0.0006	14.1674	17.0845	-0.2885	0.0000	1.7429	0.0000	6.1484
33.4824	6.3635	8.4054	6.8645	6.9379	14.1482	14.1535	14.1572	-0.0014	0.2033	6.7924	14.1490	-0.0025	14.1399	16.9266	-0.1647	0.0000	1.7422	0.0000	6.6992
33.5699	6.3698	8.4094	6.9092	7.0597	14.1499	14.1506	14.1555	-0.0008	0.2057	6.9162	14.1519	0.0013	14.1674	16.6767	-0.2610	0.0000	1.7432	0.0000	7.3008
33.5874	6.3778	8.4036	6.8957	8.5723	14.1604	14.1443	14.1561	-0.0026	0.2057	6.5717	14.1286	0.0041	14.1537	16.5451	-0.0822	0.0000	1.7427	0.0000	7.8516
33.5939	6.3729	8.4106	6.9016	7.2366	14.1499	14.1575	14.1531	0.0010	0.2098	6.3510	14.1431	0.0060	14.1619	16.2821	-0.1647	0.0000	1.7434	0.0000	8.4609
33.6158	6.3816	8.4163	6.8898	7.5266	14.1621	14.1460	14.1572	0.0017	0.2045	6.1944	14.1519	0.0041	14.1482	16.0848	-0.3573	0.0000	1.7429	0.0000	9.0000
33.6049	6.3741	8.4175	6.9133	6.4610	14.1604	14.1547	14.1549	0.0010	0.2080	5.9715	14.1519	0.0013	14.1289	15.7823	-0.2198	0.0000	1.7435	0.0000	9.6094
33.5830	6.3710	8.4163	6.9504	6.9982	14.1569	14.1455	14.1602	0.0010	0.2092	6.0563	14.1461	-0.0044	14.1592	15.6376	-0.2198	0.0000	1.7434	0.0000	10.1602
33.4824	6.3561	8.4077	6.9075	7.7422	14.1552	14.1518	14.1543	0.0017	0.2057	6.7896	14.1140	-0.0006	14.1564	15.3746	-0.1510	0.0000	1.7429	0.0000	10.7617
33.4386	6.3455	8.4025	6.8663	6.6854	14.1430	14.1466	14.1590	0.0004	0.2062	6.8121	14.1635	-0.0006	14.1674	15.1642	-0.2748	0.0000	1.7432	0.0000	11.3086
33.3839	6.3399	8.3956	6.8398	7.2197	14.1377	14.1478	14.1602	-0.0014	0.2045	6.8921	14.1606	0.0032	14.1537	14.9276	-0.2060	0.0000	1.7427	0.0000	11.9219
33.3314	6.3287	8.3892	6.8592	6.8266	14.1552	14.1518	14.1619	0.0004	0.2182	6.8252	14.1461	0.0022	14.1564	14.8487	-0.1922	0.0000	1.7428	0.0000	12.4609
33.2461	6.3163	8.3754	6.8475	6.8301	14.1412	14.1518	14.1531	-0.0020	0.2098	6.4353	14.1373	-0.0025	14.1537	14.5068	-0.3023	0.0000	1.7424	0.0000	13.0703
33.1958	6.3051	8.3650	6.7963	7.1324	14.1534	14.1524	14.1508	0.0017	0.2146	6.4249	14.1490	0.0051	14.1537	14.3228	-0.1922	0.0000	1.7426	0.0000	13.6211

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34.9830	6.5960	8.5300	6.7223	6.0778	14.1430	14.1514	14.1513	0.0004	-0.0097	7.2998	16.8246	-0.1065	16.7329	14.2307	24.8645	0.0310	1.7474	0.0000	0.3789
34.7380	6.5580	8.4995	6.6565	6.1253	14.1465	14.1486	14.1484	-0.0008	-0.0079	6.7308	16.8188	-0.1037	16.7412	13.9678	24.9361	0.0305	1.7466	0.0000	1.0391
34.5652	6.5356	8.4845	6.6341	6.2928	14.1535	14.1491	14.1525	-0.0051	-0.0085	6.3041	17.0254	-0.1027	16.9337	13.7443	24.9791	0.0306	1.7456	0.0000	1.6992
34.3683	6.4971	8.4533	6.5695	6.0755	14.1395	14.1532	14.1507	-0.0045	-0.0133	6.0133	17.0399	-0.0951	16.9365	13.5998	24.9791	0.0294	1.7457	0.0000	2.3594
34.2064	6.4697	8.4245	6.5648	6.1885	14.1517	14.1554	14.1507	0.0022	-0.0055	5.8638	16.7926	-0.0989	16.7247	13.4026	24.8072	0.0298	1.7454	0.0000	3.0195
34.0511	6.4492	8.4123	6.5412	6.3766	14.1500	14.1526	14.1501	-0.0002	-0.0085	5.8589	16.7519	-0.0970	16.6696	13.1529	24.6354	0.0295	1.7445	0.0000	3.6172
33.9286	6.4286	8.3893	6.5048	5.9460	14.1535	14.1526	14.1507	-0.0026	-0.0103	6.5506	16.7402	-0.1008	16.6641	13.0083	24.6783	0.0300	1.7442	0.0000	4.2773
33.8258	6.4106	8.3656	6.5113	5.7328	14.1552	14.1549	14.1478	0.0028	-0.0097	7.2571	16.7402	-0.1046	16.6586	12.7980	24.7213	0.0306	1.7440	0.0000	4.9375
33.6748	6.3863	8.3558	6.4636	5.8652	14.1570	14.1468	14.1478	-0.0008	-0.0097	6.8113	16.7402	-0.1018	16.6586	12.4958	24.7356	0.0302	1.7436	0.0000	5.5977
33.5305	6.3683	8.3350	6.4431	5.8991	14.1465	14.1463	14.1513	-0.0045	-0.0079	6.4104	16.7315	-0.0970	16.6394	12.4301	24.7213	0.0295	1.7426	0.0000	6.2578
33.4364	6.3515	8.3195	6.4560	5.9390	14.1378	14.1497	14.1513	-0.0026	-0.0085	6.5144	16.7373	-0.0970	16.6586	12.1015	24.7213	0.0295	1.7425	0.0000	6.8594
33.3358	6.3303	8.3016	6.4266	5.8189	14.1657	14.1537	14.1455	0.0034	-0.0043	6.3545	16.7286	-0.1056	16.6559	11.9570	24.8072	0.0307	1.7427	0.0000	7.5195
33.2002	6.3092	8.2929	6.3772	5.5729	14.1430	14.1486	14.1513	-0.0014	-0.0031	6.2888	16.7402	-0.0989	16.6614	11.7731	24.7929	0.0298	1.7422	0.0000	8.1797
33.0711	6.2918	8.2733	6.3990	5.8142	14.1361	14.1491	14.1496	-0.0045	-0.0073	6.2176	16.7257	-0.1037	16.6531	11.6023	24.8358	0.0304	1.7415	0.0000	8.8398
32.9399	6.2737	8.2589	6.3931	5.5354	14.1500	14.1526	14.1507	0.0040	-0.0097	6.4580	16.6937	-0.1075	16.6696	11.3658	24.7642	0.0310	1.7408	0.0000	9.5000
32.8436	6.2557	8.2462	6.3402	5.8681	14.1500	14.1468	14.1484	0.0028	-0.0025	6.2669	16.7402	-0.1046	16.6669	11.0768	24.7786	0.0306	1.7407	0.0000	10.1602
32.7167	6.2351	8.2248	6.3443	5.5037	14.1465	14.1491	14.1472	-0.0020	-0.0115	6.0276	16.7199	-0.0980	16.6669	10.9060	24.8645	0.0296	1.7404	0.0000	10.7578
32.5833	6.2190	8.2075	6.3249	5.6086	14.1570	14.1560	14.1519	-0.0051	-0.0031	5.9454	16.7315	-0.1046	16.6669	10.7352	24.8502	0.0306	1.7394	0.0000	11.4180
32.4783	6.1953	8.1885	6.3084	5.5752	14.1604	14.1486	14.1519	0.0034	-0.0079	6.1004	16.7257	-0.0961	16.6476	10.5645	24.7213	0.0293	1.7398	0.0000	12.0781
32.3645	6.1798	8.1845	6.2737	5.4100	14.1570	14.1457	14.1490	-0.0014	-0.0067	6.5292	16.7548	-0.1037	16.6531	10.3412	24.7786	0.0305	1.7391	0.0000	12.7383
32.2814	6.1680	8.1591	6.2614	5.6719	14.1587	14.1526	14.1496	-0.0039	-0.0091	7.0577	16.7344	-0.1056	16.6504	10.0654	24.7356	0.0307	1.7387	0.0000	13.3984
32.1874	6.1499	8.1464	6.2196	5.5846	14.1448	14.1532	14.1525	-0.0002	0.0017	6.7472	16.7344	-0.0980	16.6641	10.0260	24.8215	0.0296	1.7387	0.0000	14.0586
32.0474	6.1337	8.1429	6.2073	5.6133	14.1482	14.1463	14.1496	0.0034	-0.0019	6.1399	16.7315	-0.1056	16.6559	9.8027	24.7929	0.0307	1.7375	0.0000	14.6602
31.9095	6.1120	8.1285	6.2120	5.4299	14.1570	14.1468	14.1496	-0.0032	-0.0037	6.2280	16.7344	-0.1046	16.6559	9.5926	24.8215	0.0306	1.7370	0.0000	15.3203

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34.6337	6.5443	8.4387	6.4550	5.8184	14.1518	14.1519	14.1522	0.0019	-0.0193	7.0238	28.2776	-0.1741	28.0723	9.0411	25.8679	0.0512	1.7460	0.0000	0.3789
34.4762	6.5238	8.4116	6.4468	6.0170	14.1309	14.1519	14.1499	0.0013	-0.0103	6.5462	28.2543	-0.1751	28.0613	8.9754	25.6241	0.0513	1.7450	0.0000	1.0391
34.3450	6.5070	8.4024	6.4174	5.7909	14.1536	14.1462	14.1481	-0.0030	-0.0103	6.1782	28.2281	-0.1684	28.0421	8.7653	25.5524	0.0503	1.7442	0.0000	1.6992
34.1721	6.4703	8.3730	6.4197	5.7862	14.1570	14.1473	14.1499	-0.0018	-0.0193	5.9586	28.1990	-0.1760	28.0228	8.5815	25.4807	0.0514	1.7446	0.0000	2.3594
34.0562	6.4560	8.3574	6.3586	5.7335	14.1466	14.1531	14.1511	0.0025	-0.0193	5.9011	28.2136	-0.1636	28.0146	8.4109	25.4663	0.0496	1.7439	0.0000	3.0195
33.9096	6.4311	8.3406	6.3057	5.5653	14.1501	14.1456	14.1516	0.0007	-0.0073	5.8770	28.1961	-0.1722	28.0036	8.1614	25.4950	0.0509	1.7436	0.0000	3.6797
33.7565	6.4112	8.3280	6.3262	5.7212	14.1570	14.1531	14.1493	-0.0012	-0.0103	7.5380	28.1816	-0.1713	28.0228	7.9383	25.4376	0.0507	1.7426	0.0000	4.3398
33.6384	6.3894	8.3049	6.3051	5.5062	14.1536	14.1548	14.1505	-0.0048	-0.0187	6.9049	28.1525	-0.1694	27.9871	7.8464	25.4663	0.0504	1.7426	0.0000	5.0000
33.4896	6.3745	8.2899	6.2886	5.8202	14.1483	14.1485	14.1516	0.0025	-0.0133	6.4570	28.1816	-0.1655	27.9926	7.6889	25.4663	0.0499	1.7412	0.0000	5.6602
33.4109	6.3521	8.2760	6.2480	5.5835	14.1448	14.1473	14.1493	0.0025	-0.0205	6.2609	28.1961	-0.1713	27.9926	7.5051	25.4376	0.0507	1.7419	0.0000	6.3203
33.2556	6.3328	8.2604	6.2463	5.6186	14.1518	14.1525	14.1481	-0.0005	-0.0121	6.3923	28.1728	-0.1694	27.9843	7.3082	25.3803	0.0504	1.7409	0.0000	6.9180
33.1090	6.3098	8.2380	6.2145	5.5571	14.1518	14.1548	14.1493	0.0013	-0.0043	6.4477	28.1641	-0.1703	27.9733	7.0982	25.4807	0.0506	1.7404	0.0000	7.5781
32.9756	6.2886	8.2287	6.2292	5.5589	14.1588	14.1468	14.1505	0.0031	-0.0133	5.9915	28.1670	-0.1684	27.9761	6.8882	25.3660	0.0503	1.7399	0.0000	8.2383
32.8618	6.2668	8.2103	6.1822	5.5524	14.1553	14.1485	14.1528	-0.0060	-0.0073	5.9909	28.1641	-0.1722	27.9623	6.6914	25.3660	0.0508	1.7399	0.0000	8.9492
32.7175	6.2488	8.1970	6.1845	5.2777	14.1570	14.1519	14.1505	-0.0018	-0.0151	6.3387	28.1263	-0.1694	27.9458	6.4158	25.3803	0.0504	1.7389	0.0000	9.6094
32.6037	6.2301	8.1733	6.1246	5.4535	14.1483	14.1525	14.1470	0.0019	-0.0091	6.2675	28.1408	-0.1684	27.9678	6.3240	25.3946	0.0502	1.7386	0.0000	10.2695
32.5206	6.2115	8.1578	6.1252	5.4991	14.1501	14.1479	14.1528	0.0001	-0.0073	5.9674	28.1466	-0.1703	27.9596	6.1140	25.3803	0.0505	1.7389	0.0000	10.9297
32.3347	6.1965	8.1543	6.1122	5.2502	14.1518	14.1439	14.1511	0.0025	-0.0157	5.9071	28.1554	-0.1665	27.9541	5.8910	25.3946	0.0500	1.7367	0.0000	11.5898
32.2143	6.1661	8.1353	6.0834	5.3960	14.1466	14.1577	14.1487	-0.0024	-0.0115	5.9876	28.1437	-0.1655	27.9596	5.8516	25.4090	0.0498	1.7375	0.0000	12.2500
32.1137	6.1536	8.1168	6.0758	5.4376	14.1466	14.1485	14.1505	0.0007	-0.0103	6.4937	28.1466	-0.1741	27.9788	5.5761	25.3803	0.0511	1.7368	0.0000	12.9102
31.9781	6.1362	8.1099	6.0569	5.1934	14.1396	14.1433	14.1487	0.0001	-0.0085	6.8617	28.1786	-0.1770	27.9678	5.4055	25.3660	0.0515	1.7358	0.0000	13.5703
31.8425	6.1063	8.0937	6.0611	5.3527	14.1466	14.1542	14.1481	-0.0018	-0.0091	6.6349	28.1495	-0.1684	27.9568	5.2087	25.3660	0.0503	1.7363	0.0000	14.2188
31.7309	6.0920	8.0666	6.0081	5.2642	14.1466	14.1560	14.1511	0.0037	-0.0043	6.1585	28.1583	-0.1674	27.9651	5.0120	25.3946	0.0501	1.7355	0.0000	14.8789
31.6434	6.0790	8.0591	5.9952	5.0299	14.1483	14.1468	14.1511	0.0037	-0.0199	6.2324	28.1612	-0.1779	27.9541	4.8546	25.3660	0.0517	1.7351	0.0000	15.5391

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32.9244	6.2954	8.2434	5.8511	5.9654	14.1489	14.1507	14.1515	-0.0027	0.0153	6.3616	54.3077	-0.3470	54.1175	10.3149	26.1263	0.1000	1.7382	0.0000	0.3789
32.9156	6.2879	8.2491	5.8488	5.7229	14.1559	14.1524	14.1538	-0.0021	0.0212	6.0494	54.2670	-0.3547	54.0652	10.2361	26.1550	0.1011	1.7388	0.0000	1.0391
32.8456	6.2699	8.2410	5.8223	5.8113	14.1471	14.1530	14.1486	-0.0057	0.0194	5.8156	54.2554	-0.3537	54.0570	10.0391	26.1406	0.1009	1.7393	0.0000	1.6992
32.7210	6.2556	8.2451	5.8141	5.9092	14.1489	14.1507	14.1515	0.0021	0.0212	5.7307	54.2466	-0.3509	54.0377	9.8158	26.0976	0.1005	1.7383	0.0000	2.3594
32.6072	6.2475	8.2393	5.7959	5.9537	14.1471	14.1449	14.1492	-0.0027	0.0182	7.6896	54.2321	-0.3470	54.0240	9.6320	26.1263	0.1000	1.7368	0.0000	3.0195
32.5044	6.2257	8.2185	5.7777	5.7756	14.1471	14.1484	14.1503	-0.0027	0.0170	7.6902	54.2001	-0.3489	54.0020	9.4219	26.0258	0.1002	1.7371	0.0000	3.6797
32.3425	6.1990	8.1989	5.7718	5.6069	14.1559	14.1495	14.1486	-0.0009	0.0230	6.8485	54.2059	-0.3470	54.0102	9.2906	26.1119	0.0999	1.7366	0.0000	4.3398
32.2113	6.1772	8.1857	5.7618	5.4458	14.1489	14.1490	14.1521	-0.0021	0.0123	6.3600	54.2117	-0.3547	53.9854	9.1330	26.0545	0.1010	1.7362	0.0000	4.9922
32.1085	6.1579	8.1741	5.7212	5.7323	14.1628	14.1484	14.1486	0.0009	0.0170	6.3156	54.1826	-0.3480	53.9937	8.8047	26.0402	0.1001	1.7362	0.0000	5.6523
31.9400	6.1318	8.1568	5.7100	5.7035	14.1524	14.1490	14.1498	-0.0021	0.0194	6.3178	54.1710	-0.3480	53.9717	8.8572	26.1119	0.1000	1.7355	0.0000	6.3125
31.8219	6.1125	8.1360	5.6995	5.7176	14.1419	14.1467	14.1503	-0.0051	0.0200	6.0549	54.1652	-0.3499	53.9167	8.5947	26.0976	0.1003	1.7352	0.0000	6.9688
31.6753	6.0951	8.1205	5.6595	5.5378	14.1506	14.1507	14.1462	-0.0015	0.0218	5.7482	54.1390	-0.3537	53.9497	8.5028	26.0402	0.1008	1.7340	0.0000	7.6289
31.6119	6.0739	8.1089	5.6730	5.5073	14.1419	14.1501	14.1492	0.0021	0.0248	5.6732	54.1448	-0.3509	53.9387	8.2927	26.0689	0.1004	1.7350	0.0000	8.2891
31.4763	6.0615	8.0991	5.6318	5.3573	14.1489	14.1490	14.1503	-0.0009	0.0266	5.6058	54.1506	-0.3585	53.9442	8.1877	26.0402	0.1015	1.7335	0.0000	8.9492
31.3035	6.0422	8.0812	5.6183	5.6057	14.1506	14.1438	14.1509	-0.0039	0.0135	5.8972	54.1099	-0.3518	53.9084	7.9514	26.0689	0.1005	1.7320	0.0000	9.6094
31.1700	6.0173	8.0605	5.6130	5.2665	14.1489	14.1478	14.1457	-0.0003	0.0153	5.9125	54.1244	-0.3509	53.9029	7.8858	26.0689	0.1004	1.7319	0.0000	10.2695
31.0585	5.9986	8.0449	5.5813	5.4517	14.1419	14.1518	14.1480	0.0003	0.0206	5.6091	54.0982	-0.3566	53.9002	7.6757	26.0258	0.1012	1.7316	0.0000	10.9297
30.9163	5.9657	8.0362	5.5525	5.4511	14.1489	14.1536	14.1492	-0.0045	0.0135	5.6497	54.1215	-0.3585	53.9029	7.5313	26.0258	0.1015	1.7322	0.0000	11.5313
30.7588	5.9433	8.0160	5.5325	5.6174	14.1437	14.1444	14.1468	0.0003	0.0170	5.6529	54.1244	-0.3556	53.8864	7.3345	26.0689	0.1011	1.7313	0.0000	12.1914
30.6888	5.9346	8.0091	5.5113	5.2162	14.1524	14.1409	14.1509	-0.0033	0.0236	6.4826	54.1244	-0.3509	53.8864	7.2557	26.0689	0.1004	1.7307	0.0000	12.8516
30.5510	5.9159	7.9889	5.4972	5.6374	14.1506	14.1472	14.1515	-0.0027	0.0248	6.5056	54.1070	-0.3594	53.8892	7.1245	26.0114	0.1016	1.7298	0.0000	13.5117
30.3847	5.8904	7.9693	5.4796	5.3544	14.1489	14.1501	14.1474	-0.0009	0.0194	6.2838	54.1011	-0.3537	53.8672	6.8489	26.1119	0.1008	1.7291	0.0000	14.1719
30.2863	5.8798	7.9514	5.4760	5.2730	14.1437	14.1541	14.1498	-0.0003	0.0182	6.7050	54.0837	-0.3566	53.8672	6.7176	26.1119	0.1012	1.7281	0.0000	14.8320
30.1638	5.8562	7.9451	5.4607	5.3825	14.1489	14.1449	14.1498	-0.0009	0.0254	6.7356	54.0808	-0.3566	53.8617	6.6389	26.0832	0.1012	1.7281	0.0000	15.4922

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33.1672	6.3293	8.3200	5.8017	5.7342	14.1498	14.1501	14.1494	-0.0006	0.0030	6.4045	63.5899	-0.4500	63.5526	9.9472	26.5284	0.1232	1.7395	0.0000	0.4414
33.0272	6.3032	8.3004	5.7929	5.8918	14.1603	14.1472	14.1506	-0.0054	-0.0072	6.0950	63.5870	-0.4491	63.5361	9.7896	26.4710	0.1231	1.7394	0.0000	1.1016
32.8894	6.2901	8.2842	5.7705	5.8514	14.1429	14.1512	14.1476	-0.0018	-0.0042	5.8552	63.5754	-0.4462	63.5278	9.6188	26.3704	0.1227	1.7380	0.0000	1.6992
32.7538	6.2621	8.2652	5.7670	5.9310	14.1516	14.1535	14.1471	-0.0036	-0.0012	5.9998	63.5492	-0.4481	63.5141	9.5007	26.4135	0.1229	1.7383	0.0000	2.3594
32.6160	6.2441	8.2485	5.7382	5.7951	14.1411	14.1524	14.1476	-0.0006	-0.0162	7.9089	63.5434	-0.4519	63.4893	9.1986	26.3848	0.1235	1.7374	0.0000	3.0195
32.4716	6.2192	8.2317	5.7364	5.9252	14.1498	14.1478	14.1482	0.0031	-0.0072	7.8837	63.5317	-0.4462	63.4838	9.1067	26.3991	0.1227	1.7371	0.0000	3.6797
32.3732	6.2030	8.2167	5.7176	5.7928	14.1516	14.1507	14.1482	0.0031	0.0000	6.8618	63.5201	-0.4491	63.4701	9.0017	26.3991	0.1230	1.7368	0.0000	4.3398
32.2441	6.1831	8.2081	5.7053	5.7758	14.1533	14.1484	14.1506	-0.0030	-0.0096	6.3420	63.5084	-0.4452	63.4591	8.8047	26.3991	0.1225	1.7363	0.0000	5.0000
32.0735	6.1601	8.1856	5.6771	5.8373	14.1603	14.1495	14.1482	-0.0042	0.0024	6.4685	63.5288	-0.4443	63.4646	8.6866	26.3991	0.1224	1.7352	0.0000	5.6602
31.9269	6.1246	8.1694	5.6400	5.7448	14.1429	14.1495	14.1506	0.0000	-0.0138	6.3377	63.4968	-0.4500	63.4398	8.4765	26.4566	0.1232	1.7360	0.0000	6.3203
31.8066	6.1128	8.1498	5.6318	5.7371	14.1481	14.1501	14.1511	-0.0024	-0.0054	5.9247	63.5143	-0.4500	63.4288	8.3058	26.4279	0.1232	1.7348	0.0000	6.9727
31.6579	6.0910	8.1331	5.6294	5.9193	14.1551	14.1530	14.1506	-0.0018	-0.0078	5.7473	63.5026	-0.4424	63.4398	8.1089	26.5141	0.1221	1.7341	0.0000	7.6328
31.5157	6.0630	8.1169	5.5824	5.4659	14.1498	14.1530	14.1494	0.0024	-0.0060	5.6323	63.4793	-0.4653	63.4508	7.9776	26.5141	0.1252	1.7341	0.0000	8.2891
31.4041	6.0487	8.1019	5.5730	5.5749	14.1498	14.1535	14.1506	0.0012	0.0012	5.5835	63.4997	-0.4557	63.4481	7.8070	26.5141	0.1239	1.7334	0.0000	8.9492
31.3385	6.0388	8.0915	5.5883	5.7699	14.1533	14.1570	14.1476	-0.0024	-0.0036	5.8387	63.5055	-0.4414	63.4508	7.7545	26.4710	0.1220	1.7331	0.0000	9.6094
31.4129	6.0518	8.0846	5.5977	5.6147	14.1516	14.1466	14.1506	0.0000	-0.0030	5.8738	63.5026	-0.4443	63.4316	7.6364	26.5284	0.1224	1.7332	0.0000	10.2695
31.5266	6.0711	8.0921	5.6165	5.6563	14.1429	14.1501	14.1494	0.0067	-0.0018	5.6306	63.4939	-0.4338	63.4096	7.4920	26.5141	0.1209	1.7335	0.0000	10.9297
31.6163	6.0780	8.0996	5.6312	5.4618	14.1603	14.1432	14.1488	-0.0012	-0.0054	5.6991	63.4735	-0.4472	63.4371	7.2820	26.5141	0.1227	1.7346	0.0000	11.5898
31.5922	6.0755	8.0979	5.6136	5.8004	14.1516	14.1449	14.1517	-0.0060	-0.0126	5.7604	63.4939	-0.4538	63.4371	7.1376	26.5284	0.1237	1.7344	0.0000	12.2500
31.5922	6.0811	8.1037	5.6212	5.6381	14.1342	14.1524	14.1523	-0.0030	-0.0030	6.6673	63.4706	-0.4500	63.4508	6.8882	26.5284	0.1231	1.7338	0.0000	12.9102
31.7979	6.1091	8.1042	5.6588	5.6434	14.1411	14.1489	14.1494	-0.0036	-0.0036	6.8141	63.4590	-0.4519	63.4398	6.8620	26.5284	0.1234	1.7350	0.0000	13.5117
32.2988	6.1831	8.1314	5.7112	5.4308	14.1585	14.1495	14.1535	0.0006	-0.0066	6.5868	63.4823	-0.4424	63.4316	6.7833	26.5284	0.1221	1.7374	0.0000	14.1719
32.5066	6.2142	8.1631	5.7247	5.8719	14.1551	14.1512	14.1482	0.0006	-0.0024	7.3880	63.4910	-0.4538	63.4343	6.4814	26.5284	0.1237	1.7383	0.0000	14.8320
32.4454	6.1993	8.1810	5.7223	5.7530	14.1429	14.1478	14.1476	0.0012	0.0042	7.1619	63.4852	-0.4433	63.4343	6.2059	26.6003	0.1222	1.7387	0.0000	15.4922

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33.0706	6.2814	7.0675	14.1221	14.1200	15.8468	10.0193	10.3348	-0.6496	3.7304	6.1479	14.1398	0.0133	14.1641	3.3856	0.1792	0.0000	1.7426	0.0000	0.5977
33.3811	6.3212	7.1282	14.1221	14.1200	16.5642	10.3523	10.6805	-0.5628	3.3749	6.2950	14.1398	0.0028	14.1557	2.6907	0.1792	0.0000	1.7446	0.0375	1.4180
33.3618	6.3180	7.1309	14.1215	14.1200	16.9296	10.6259	10.9238	-0.5606	3.1440	6.2454	14.1708	0.0081	14.1445	1.8124	0.1379	0.0000	1.7445	0.0375	2.1406
33.2904	6.3062	7.1131	14.1193	14.1200	17.0326	10.8001	11.0504	-0.6270	3.0267	6.1787	14.1567	0.0011	14.1724	1.3405	0.1929	0.0000	1.7443	0.0375	2.8477
33.1255	6.2825	7.0725	14.1182	14.1200	18.6668	11.2324	11.4517	-0.6436	2.6009	5.9920	14.1229	-0.0041	14.1501	0.5935	0.2067	0.0000	1.7436	0.1125	3.7305
33.0129	6.2663	7.0413	14.1182	14.1200	19.4839	11.5606	11.6835	-0.7403	2.3872	6.0207	14.1172	0.0063	14.1668	0.0431	0.1379	0.0000	1.7430	0.1125	4.4375
32.8590	6.2453	7.0190	14.1204	14.1200	19.6865	11.7558	11.7892	-0.8603	2.2781	5.7971	14.1059	-0.0163	14.1139	-0.4678	0.1654	0.0000	1.7421	0.1125	5.1602
32.7106	6.2233	6.9868	14.1154	14.1200	22.7972	12.3177	12.0749	-1.0782	1.9974	5.3466	14.1003	-0.0041	14.1334	-0.9526	0.2204	0.0000	1.7415	0.2250	6.1484
32.6749	6.2184	6.9823	14.1199	14.1200	23.8103	12.6965	12.2274	-1.2740	1.8440	5.1825	14.1370	-0.0007	14.1055	-1.4241	0.1241	0.0000	1.7413	0.2250	6.8594
32.6062	6.2082	6.9506	14.1126	14.1200	23.9780	12.9144	12.2830	-1.4311	1.7859	6.4337	14.1680	0.0011	14.1139	-1.8302	0.1379	0.0000	1.7410	0.2250	7.5781
32.4414	6.1840	6.9255	14.1232	14.1200	25.9062	13.5127	12.6237	-1.5472	1.4520	6.9063	14.1313	-0.0007	14.0888	-2.3278	0.2617	0.0000	1.7402	0.3750	8.6680
32.2930	6.1711	6.8943	14.1232	14.1200	26.1951	13.8132	12.7630	-1.6617	1.3114	6.5318	14.1229	-0.0041	14.1445	-2.7076	0.1241	0.0000	1.7386	0.3750	9.3906
32.1941	6.1522	6.8732	14.1154	14.1200	26.1453	13.9748	12.8060	-1.7623	1.2726	8.6058	14.1003	-0.0146	14.1473	-3.0218	0.1654	0.0000	1.7386	0.3750	10.0977
31.9606	6.1280	6.8376	14.1199	14.1200	25.9062	14.0333	12.8346	-1.8774	1.2422	7.6002	14.1144	0.0063	14.1445	-3.5979	0.1516	0.0000	1.7364	0.5625	11.2578
31.9001	6.1118	6.8147	14.1210	14.1200	25.8298	14.0145	12.8291	-1.9017	1.2477	7.4609	14.1567	0.0046	14.1166	-4.0037	0.1379	0.0000	1.7369	0.5625	11.9688
31.8067	6.1027	6.7902	14.1204	14.1200	25.7351	13.9875	12.8181	-1.9205	1.2588	7.1387	14.1567	0.0081	14.1585	-4.3703	0.1792	0.0000	1.7359	0.5625	12.6797
31.7765	6.0968	6.7858	14.1232	14.1200	25.6105	14.0046	12.8440	-1.9741	1.2316	6.6601	14.1116	0.0081	14.1194	-4.8415	0.1379	0.0000	1.7359	0.7875	13.9492
31.6858	6.0844	6.7763	14.1221	14.1200	25.5524	14.0415	12.8561	-2.0256	1.2278	6.5015	14.1623	-0.0076	14.1362	-5.1948	0.1379	0.0000	1.7354	0.7875	14.6602
31.6418	6.0769	6.7663	14.1182	14.1200	25.5059	14.0454	12.8517	-2.0554	1.2294	9.9204	14.1511	-0.0041	14.1501	-5.6660	0.1241	0.0000	1.7353	0.7875	15.3672
31.4797	6.0516	6.7290	14.1227	14.1200	25.6703	14.1888	12.9293	-2.1743	1.1397	12.0187	14.1398	0.0011	14.1166	-6.0585	0.1241	0.0000	1.7346	1.0500	16.7500
31.5484	6.0645	6.7362	14.1204	14.1200	25.7119	14.2511	12.9662	-2.2213	1.1098	11.7087	14.1454	0.0028	14.1501	-6.3464	0.1104	0.0000	1.7347	1.0500	17.4570
31.7050	6.0844	6.7769	14.1204	14.1200	25.8215	14.3178	12.9986	-2.2507	1.0727	11.5798	14.1482	-0.0007	14.1529	-6.5949	0.1654	0.0000	1.7358	1.0500	18.1797
31.7930	6.0962	6.8014	14.1221	14.1200	26.0639	14.4893	13.1660	-2.2202	0.9111	13.1466	14.1172	0.0115	14.1641	-7.1967	0.1516	0.0000	1.7363	1.3500	19.5977
31.6995	6.0839	6.7791	14.1215	14.1200	25.9992	14.5158	13.1946	-2.2247	0.8850	13.2595	14.1370	0.0063	14.1362	-7.5761	0.1654	0.0000	1.7357	1.3500	20.3203

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32.5569	6.2023	6.9654	14.1211	14.1200	15.4363	10.0027	10.1558	-0.8825	3.9415	6.0848	14.1109	-0.0061	14.1077	-3.6896	0.2480	0.0000	1.7406	0.0000	0.5977
32.9031	6.2540	7.0361	14.1199	14.1200	16.1471	10.2690	10.4685	-0.7348	3.6226	6.2423	14.1081	0.0148	14.1077	-4.5273	0.2480	0.0000	1.7421	0.0375	1.3672
33.0514	6.2745	7.0634	14.1205	14.1200	16.5457	10.5078	10.7112	-0.6906	3.3939	6.1867	14.1504	-0.0009	14.1328	-5.1818	0.2480	0.0000	1.7429	0.0375	2.0898
33.0817	6.2809	7.0840	14.1222	14.1200	16.7101	10.6716	10.8417	-0.7143	3.2594	6.1431	14.1081	0.0148	14.1189	-5.5482	0.2480	0.0000	1.7428	0.0375	2.7969
33.0927	6.2761	7.0873	14.1211	14.1200	18.4440	11.1420	11.3531	-0.6502	2.7422	5.9531	14.1306	0.0079	14.1300	-6.1370	0.2342	0.0000	1.7436	0.1125	3.7305
33.0707	6.2756	7.0751	14.1171	14.1200	19.2694	11.5098	11.6548	-0.7210	2.4488	5.9845	14.1222	0.0079	14.1412	-6.4903	0.2480	0.0000	1.7432	0.1125	4.4492
33.0102	6.2648	7.0573	14.1261	14.1200	19.4289	11.7210	11.7946	-0.8504	2.3170	5.8232	14.1447	0.0026	14.1105	-6.9220	0.2342	0.0000	1.7431	0.1125	5.1602
32.9663	6.2573	7.0383	14.1227	14.1200	22.6740	12.3353	12.0825	-1.0954	2.0175	5.3826	14.1363	0.0044	14.1495	-7.2491	0.2480	0.0000	1.7430	0.2250	6.1484
32.9635	6.2535	7.0378	14.1205	14.1200	23.8681	12.7599	12.2521	-1.3077	1.8525	5.2174	14.1335	0.0079	14.1384	-7.6153	0.2342	0.0000	1.7434	0.2250	6.8594
32.9828	6.2589	7.0406	14.1211	14.1200	24.1007	13.0164	12.3352	-1.4731	1.7761	6.4521	14.1278	0.0148	14.1495	-7.8900	0.2342	0.0000	1.7432	0.2250	7.5781
32.9251	6.2594	7.0445	14.1143	14.1200	26.3278	13.6980	12.7261	-1.5715	1.3763	7.0287	14.1560	-0.0043	14.1077	-8.2823	0.2067	0.0000	1.7420	0.3750	8.6797
32.8729	6.2422	7.0216	14.1177	14.1200	26.6931	14.0586	12.8923	-1.7026	1.2196	6.6454	14.1504	-0.0113	14.1412	-8.5308	0.2342	0.0000	1.7427	0.3750	9.3906
32.7959	6.2319	7.0194	14.1138	14.1200	26.7015	14.2720	12.9617	-1.8204	1.1504	8.8021	14.1391	0.0026	14.1328	-8.7924	0.1241	0.0000	1.7423	0.3750	10.0977
32.7135	6.2223	6.9994	14.1194	14.1200	26.5237	14.3729	13.0223	-1.9360	1.0945	7.8003	14.1447	0.0009	14.1077	-9.2893	0.1929	0.0000	1.7417	0.5625	11.2578
32.5981	6.2093	6.9687	14.1155	14.1200	26.4374	14.3586	13.0256	-1.9669	1.0901	7.6378	14.0968	0.0148	14.1244	-9.4462	0.1929	0.0000	1.7407	0.5625	11.9688
32.5239	6.1970	6.9459	14.1205	14.1200	26.3427	14.3409	13.0123	-1.9769	1.1072	7.3272	14.1278	-0.0043	14.1133	-9.7338	0.2342	0.0000	1.7405	0.5625	12.6875
32.3536	6.1744	6.9209	14.1155	14.1200	26.1135	14.2985	13.0223	-2.0106	1.0978	6.8228	14.1081	0.0044	14.1440	-10.0999	0.2480	0.0000	1.7395	0.7875	13.9492
32.3014	6.1652	6.9025	14.1183	14.1200	26.0488	14.2797	13.0157	-2.0333	1.0956	6.4339	14.0996	-0.0009	14.1328	-10.2959	0.1929	0.0000	1.7394	0.7875	14.6602
32.1970	6.1501	6.8852	14.1199	14.1200	25.9674	14.2593	12.9997	-2.0416	1.1061	9.4277	14.1222	-0.0096	14.1244	-10.6227	0.2342	0.0000	1.7388	0.7875	15.3789
32.0184	6.1270	6.8513	14.1205	14.1200	26.1434	14.4237	13.0883	-2.1948	1.0275	12.2409	14.1278	-0.0043	14.0547	-10.9495	0.2480	0.0000	1.7377	1.0500	16.6992
31.9277	6.1162	6.8301	14.1216	14.1200	26.0886	14.4860	13.1032	-2.2551	1.0065	11.9562	14.1250	-0.0165	14.0826	-11.2632	0.2480	0.0000	1.7370	1.0500	17.4102
31.8205	6.1011	6.8023	14.1199	14.1200	26.0106	14.4976	13.0971	-2.2883	1.0242	11.6477	14.1391	0.0044	14.1328	-11.4723	0.2480	0.0000	1.7364	1.0500	18.1172
31.5815	6.0742	6.7505	14.1222	14.1200	25.9275	14.5124	13.1489	-2.2473	0.9572	13.1265	14.1391	0.0044	14.1189	-11.8905	0.2480	0.0000	1.7343	1.3500	19.5469
31.4881	6.0597	6.7260	14.1149	14.1200	25.8578	14.4860	13.1604	-2.2435	0.9511	13.2322	14.1447	-0.0043	14.1021	-12.1780	0.2342	0.0000	1.7339	1.3500	20.2695

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32.9321	6.2587	7.0503	14.1171	14.1200	14.8667	10.6373	11.1873	-2.3133	2.9165	6.3128	14.1420	0.0033	14.1184	0.2135	0.2204	0.0000	1.7422	0.0000	0.6094
33.1766	6.2974	7.1104	14.1216	14.1200	15.6306	10.7465	11.4378	-2.1435	2.6452	6.4318	14.1363	-0.0002	14.1045	-1.0312	0.2480	0.0000	1.7430	0.0375	1.4297
33.2371	6.2996	7.1143	14.1194	14.1200	16.0658	10.8811	11.6206	-2.0174	2.4730	6.3927	14.1448	0.0033	14.0989	-2.1052	0.2342	0.0000	1.7440	0.0375	2.1367
33.1601	6.2910	7.0976	14.1210	14.1200	16.2086	10.9632	11.7136	-1.9870	2.3877	6.3360	14.1617	-0.0036	14.1240	-2.2623	0.2342	0.0000	1.7434	0.0375	2.8594
33.0035	6.2727	7.0670	14.1222	14.1200	17.9591	11.4612	12.2201	-1.6325	1.8567	6.2847	14.1194	0.0138	14.1295	-2.8647	0.1379	0.0000	1.7422	0.1125	3.7383
32.8909	6.2554	7.0470	14.1238	14.1200	18.8094	11.8880	12.5289	-1.5120	1.5622	6.3205	14.1194	0.0068	14.1017	-3.4932	0.2204	0.0000	1.7417	0.1125	4.4492
32.8249	6.2409	7.0330	14.1216	14.1200	19.0701	12.1527	12.6688	-1.5479	1.4348	5.8364	14.1589	-0.0019	14.1295	-3.7419	0.2342	0.0000	1.7419	0.1125	5.1563
32.8551	6.2457	7.0403	14.1233	14.1200	22.2123	12.8663	13.2071	-2.0434	0.8784	5.3744	14.1166	0.0051	14.1519	-4.1870	0.2480	0.0000	1.7420	0.2250	6.1484
32.8606	6.2479	7.0458	14.1194	14.1200	23.4280	13.3703	13.4780	-2.3985	0.6132	5.0676	14.1307	0.0068	14.1463	-4.6582	0.2204	0.0000	1.7419	0.2250	6.8672
32.8497	6.2533	7.0319	14.1171	14.1200	23.6971	13.6753	13.5897	-2.6374	0.5102	6.0777	14.1222	0.0068	14.0515	-4.8807	0.2342	0.0000	1.7411	0.2250	7.5781
32.8771	6.2463	7.0375	14.1171	14.1200	25.5040	14.0072	13.8072	-2.6252	0.2959	6.6196	14.1025	-0.0019	14.1128	-5.4435	0.2617	0.0000	1.7424	0.3750	8.6797
32.8964	6.2495	7.0453	14.1216	14.1200	25.8544	14.1429	13.8733	-2.5942	0.2283	6.6873	14.1109	-0.0089	14.1323	-5.7314	0.2617	0.0000	1.7424	0.3750	9.3867
32.8909	6.2457	7.0353	14.1233	14.1200	25.9059	14.2278	13.8958	-2.6070	0.2045	8.7476	14.1194	0.0016	14.1072	-5.9931	0.1929	0.0000	1.7427	0.3750	10.1094
32.9733	6.2571	7.0525	14.1166	14.1200	26.2862	14.6166	14.0329	-2.8663	0.0678	7.9034	14.1109	0.0138	14.1435	-6.5034	0.2342	0.0000	1.7432	0.5625	11.2578
32.9596	6.2592	7.0603	14.1194	14.1200	26.3726	14.7947	14.0769	-2.9841	0.0246	7.5773	14.1222	0.0138	14.1407	-6.8435	0.2204	0.0000	1.7427	0.5625	11.9766
32.9568	6.2576	7.0648	14.1199	14.1200	26.4025	14.9017	14.1050	-3.0616	-0.0036	7.1902	14.1363	0.0016	14.1323	-7.0005	0.1792	0.0000	1.7428	0.5625	12.6875
32.9925	6.2581	7.0670	14.1216	14.1200	26.5221	15.0042	14.1540	-3.0472	-0.0618	7.2595	14.1448	0.0016	14.1128	-7.5368	0.2617	0.0000	1.7435	0.7875	13.9492
32.9046	6.2447	7.0442	14.1227	14.1200	26.5088	15.0015	14.1579	-3.0162	-0.0557	6.4450	14.1307	0.0086	14.1295	-7.8900	0.2204	0.0000	1.7431	0.7875	14.6680
32.7810	6.2318	7.0258	14.1138	14.1200	26.4158	14.9767	14.1458	-2.9996	-0.0424	9.5098	14.1674	0.0016	14.1072	-8.0600	0.2892	0.0000	1.7420	0.7875	15.3789
32.5584	6.2048	6.9685	14.1233	14.1200	26.2879	15.0340	14.1358	-2.9653	-0.0369	12.3390	14.0940	0.0033	14.1212	-8.5439	0.1792	0.0000	1.7404	1.0500	16.6992
32.4650	6.1946	6.9540	14.1194	14.1200	26.1949	15.0649	14.1342	-2.9742	-0.0474	12.5312	14.1335	-0.0002	14.1268	-8.8839	0.2067	0.0000	1.7396	1.0500	17.4063
32.3963	6.1811	6.9467	14.1182	14.1200	26.1368	15.0776	14.1204	-2.9902	-0.0169	11.9689	14.1363	-0.0036	14.1435	-9.0539	0.2617	0.0000	1.7396	1.0500	18.1289
32.1573	6.1467	6.8838	14.1255	14.1200	26.1700	14.9640	14.1182	-2.7751	-0.0158	13.1574	14.1561	0.0051	14.1184	-9.6946	0.2480	0.0000	1.7384	1.3500	19.5469
31.9924	6.1252	6.8504	14.1182	14.1200	26.0820	14.8890	14.0979	-2.6822	0.0019	13.4482	14.1166	0.0086	14.1323	-9.8253	0.1241	0.0000	1.7373	1.3500	20.2695

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32.2856	6.1778	6.9144	14.1209	14.1200	14.8622	10.1765	11.0034	-2.0288	3.1168	6.0624	14.1365	-0.0042	14.1274	-8.3739	0.2755	0.0000	1.7377	0.0000	0.6094
32.2279	6.1617	6.8899	14.1187	14.1200	15.6378	10.4307	11.3271	-1.7888	2.7697	6.1946	14.1562	0.0080	14.1246	-8.8839	0.2480	0.0000	1.7382	0.0375	1.3789
32.0630	6.1445	6.8638	14.1220	14.1200	16.0563	10.6822	11.5561	-1.6594	2.5637	6.1692	14.1308	0.0133	14.1358	-9.1847	0.2617	0.0000	1.7367	0.0375	2.0898
31.9421	6.1272	6.8304	14.1153	14.1200	16.0896	10.7936	11.6304	-1.6478	2.4950	6.1048	14.1252	0.0045	14.1441	-9.4462	0.2755	0.0000	1.7361	0.0375	2.8008
31.7745	6.1019	6.8064	14.1153	14.1200	17.8367	11.2976	12.0702	-1.5233	2.0327	6.0888	14.1421	0.0028	14.1386	-9.8122	0.2480	0.0000	1.7353	0.1125	3.7383
31.7086	6.0917	6.7814	14.1204	14.1200	18.6272	11.6990	12.3284	-1.5814	1.7946	6.1224	14.1167	-0.0042	14.1413	-10.0737	0.1104	0.0000	1.7351	0.1125	4.4492
31.6701	6.0831	6.7641	14.1215	14.1200	18.7867	11.9295	12.4231	-1.6705	1.6822	5.6213	14.1336	0.0098	14.1386	-10.3090	0.2480	0.0000	1.7352	0.1125	5.1719
31.5685	6.0702	6.7530	14.1192	14.1200	21.8874	12.5863	12.9450	-2.1134	1.1629	5.1686	14.1336	-0.0007	14.1246	-10.5835	0.2067	0.0000	1.7345	0.2250	6.1484
31.6591	6.0809	6.7742	14.1220	14.1200	22.9968	13.0275	13.2109	-2.4148	0.9060	4.8816	14.1365	0.0028	14.1246	-10.7796	0.2755	0.0000	1.7352	0.2250	6.8711
31.8158	6.1014	6.8053	14.1187	14.1200	23.2808	13.3109	13.3414	-2.6029	0.7814	5.8928	14.1252	-0.0112	14.1246	-10.9626	0.2204	0.0000	1.7362	0.2250	7.5820
31.9889	6.1251	6.8476	14.1170	14.1200	24.9266	13.6512	13.5836	-2.5608	0.5367	6.4297	14.1224	0.0080	14.1441	-11.3024	0.2480	0.0000	1.7373	0.3750	8.6289
31.9889	6.1251	6.8393	14.1232	14.1200	25.1807	13.7742	13.6452	-2.5359	0.4758	6.5201	14.1054	-0.0112	14.1609	-11.6161	0.2617	0.0000	1.7373	0.3750	9.3906
31.9339	6.1181	6.8354	14.1204	14.1200	25.1840	13.8304	13.6684	-2.5359	0.4592	8.5231	14.1365	-0.0007	14.0856	-11.7337	0.2480	0.0000	1.7369	0.3750	10.1094
31.8487	6.1079	6.8187	14.1192	14.1200	25.4481	14.1861	13.7801	-2.7959	0.3396	7.6408	14.1647	-0.0024	14.1302	-12.0473	0.2067	0.0000	1.7362	0.5625	11.2617
31.7773	6.0987	6.8081	14.1209	14.1200	25.4531	14.3212	13.7988	-2.9009	0.3224	7.3208	14.1252	-0.0024	14.1218	-12.2956	0.2755	0.0000	1.7357	0.5625	11.9805
31.7031	6.0863	6.7819	14.1176	14.1200	25.3916	14.3752	13.7966	-2.9596	0.3302	6.9381	14.1506	0.0063	14.1190	-12.4916	0.2480	0.0000	1.7355	0.5625	12.6914
31.6152	6.0788	6.7691	14.1187	14.1200	25.4431	14.4414	13.8219	-2.9480	0.3091	6.9238	14.1393	0.0063	14.0800	-12.9358	0.2342	0.0000	1.7345	0.7875	13.9492
31.5108	6.0643	6.7524	14.1192	14.1200	25.3916	14.4381	13.8109	-2.9341	0.3158	6.4644	14.1336	-0.0077	14.1023	-13.1187	0.2342	0.0000	1.7339	0.7875	14.6719
31.4970	6.0562	6.7396	14.1198	14.1200	25.3501	14.4254	13.7955	-2.9175	0.3241	10.3306	14.1111	-0.0042	14.1274	-13.3539	0.2480	0.0000	1.7345	0.7875	15.3789
31.7443	6.0906	6.7953	14.1198	14.1200	25.6225	14.5583	13.8946	-2.8539	0.2360	12.3138	14.1534	0.0010	14.1190	-13.5498	0.2480	0.0000	1.7359	1.0500	16.6992
32.9368	6.2419	7.0597	14.1209	14.1200	26.2735	14.7965	14.0724	-2.8567	0.0262	12.5225	14.1224	-0.0042	14.1525	-13.6282	0.2480	0.0000	1.7441	1.0500	17.4102
33.3077	6.3043	7.1321	14.1198	14.1200	26.8116	15.1186	14.2756	-2.9070	-0.1632	12.3033	14.1421	0.0010	14.1218	-13.9678	0.2204	0.0000	1.7449	1.0500	18.1289
32.0823	6.1423	6.8655	14.1204	14.1200	26.2818	15.0822	14.2145	-2.7948	-0.0851	13.2589	14.1506	0.0080	14.1051	-14.7384	0.1929	0.0000	1.7373	1.3500	19.5586
30.7442	5.9631	6.5771	14.1232	14.1200	25.4132	14.7662	13.9706	-2.7306	0.1602	13.2853	14.1252	0.0010	14.1330	-15.0519	0.2617	0.0000	1.7288	1.3500	20.2695

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33.2268	6.2675	7.0667	14.1677	14.1700	15.2287	8.0513	7.5613	-1.0311	-0.3011	6.6591	14.1904	-0.0113	14.1759	3.3201	0.0829	0.0000	1.7471	0.0000	0.6094
33.6554	6.3251	7.1575	14.1672	14.1700	16.0225	8.1153	7.6841	-0.9095	-0.2297	6.5247	14.1988	0.0096	14.1647	2.2056	0.1241	0.0000	1.7495	0.0375	1.3828
33.8120	6.3445	7.1747	14.1700	14.1700	16.4842	8.1770	7.7854	-0.8575	-0.1953	6.0715	14.1594	-0.0078	14.1759	1.3798	0.0691	0.0000	1.7506	0.0375	2.0898
33.7928	6.3332	7.1736	14.1716	14.1700	16.6403	8.2195	7.8437	-0.8326	-0.1926	5.7708	14.1791	-0.0008	14.1926	0.8163	0.1241	0.0000	1.7514	0.0375	2.8008
33.6472	6.3224	7.1497	14.1677	14.1700	18.2364	8.2973	7.8476	-0.9753	-0.1942	5.4976	14.2045	-0.0008	14.1731	-0.2058	0.0691	0.0000	1.7497	0.1125	3.7422
33.4741	6.2987	7.1179	14.1700	14.1700	19.0634	8.3612	7.8250	-1.1075	-0.1826	5.5141	14.1735	0.0079	14.1257	-0.7037	0.1104	0.0000	1.7487	0.1125	4.4531
33.2955	6.2777	7.0851	14.1660	14.1700	19.2295	8.3805	7.7942	-1.2004	-0.1909	6.1981	14.2017	-0.0026	14.1647	-1.1883	0.0141	0.0000	1.7474	0.1125	5.1719
33.0977	6.2438	7.0333	14.1728	14.1700	22.2787	8.4544	7.7292	-1.3679	-0.1699	5.4690	14.1706	0.0027	14.1452	-1.9349	0.1104	0.0000	1.7471	0.2250	6.1523
33.0180	6.2341	7.0239	14.1705	14.1700	23.5276	8.5079	7.6786	-1.4957	-0.1444	5.4624	14.2017	-0.0008	14.1675	-2.2885	0.1241	0.0000	1.7465	0.2250	6.8711
33.0207	6.2277	7.0189	14.1694	14.1700	23.7518	8.5504	7.6400	-1.5786	-0.1300	6.6261	14.1932	0.0131	14.1257	-2.7469	0.0553	0.0000	1.7472	0.2250	7.5820
32.9823	6.2304	7.0150	14.1660	14.1700	25.9026	8.7864	7.7209	-1.7888	-0.0215	7.1597	14.1960	-0.0043	14.1787	-3.4932	0.0829	0.0000	1.7462	0.3750	8.6797
32.9218	6.2201	7.0016	14.1688	14.1700	26.3510	8.9364	7.7843	-1.8961	0.0355	6.5814	14.1706	0.0131	14.1285	-3.8728	0.0966	0.0000	1.7461	0.3750	9.4023
32.8696	6.2115	6.9899	14.1705	14.1700	26.3809	9.0450	7.8173	-2.0034	0.0516	6.3964	14.1932	0.0079	14.1564	-4.3572	0.1241	0.0000	1.7459	0.3750	10.1094
32.6553	6.1894	6.9548	14.1728	14.1700	26.3692	9.1244	7.8536	-2.0432	0.0798	6.3220	14.1876	-0.0095	14.1564	-4.8677	0.0416	0.0000	1.7440	0.5625	11.2617
32.5592	6.1754	6.9292	14.1694	14.1700	26.2862	9.1299	7.8558	-2.0354	0.0915	6.3132	14.1763	-0.0148	14.1564	-5.2341	0.1104	0.0000	1.7435	0.5625	11.9805
32.4657	6.1512	6.9019	14.1700	14.1700	26.2098	9.1233	7.8432	-2.0388	0.0859	7.8713	14.1847	0.0096	14.1731	-5.6660	0.0278	0.0000	1.7442	0.5625	12.6914
32.4218	6.1496	6.9042	14.1739	14.1700	25.9889	9.0665	7.8283	-1.9757	0.0760	7.1289	14.1791	-0.0026	14.1703	-6.2286	0.1379	0.0000	1.7435	0.7875	13.9531
32.3256	6.1378	6.8797	14.1705	14.1700	25.9175	9.0246	7.8228	-1.9149	0.0726	6.5341	14.1847	-0.0130	14.1508	-6.5949	0.0966	0.0000	1.7428	0.7875	14.6719
32.2294	6.1216	6.8624	14.1700	14.1700	25.8594	9.0003	7.8134	-1.8806	0.0688	6.2350	14.1819	0.0027	14.1731	-6.9874	0.0966	0.0000	1.7426	0.7875	15.3828
32.0014	6.0872	6.8107	14.1677	14.1700	25.8228	8.9502	7.8299	-1.7899	0.0682	5.7818	14.1791	0.0044	14.1591	-7.6153	0.1104	0.0000	1.7416	1.0500	16.7617
31.8887	6.0716	6.7828	14.1716	14.1700	25.7199	8.9149	7.8255	-1.7324	0.0505	5.6380	14.1819	-0.0095	14.1424	-7.9685	0.1104	0.0000	1.7410	1.0500	17.4727
31.7404	6.0613	6.7461	14.1660	14.1700	25.6352	8.8807	7.8112	-1.7042	0.0510	6.2075	14.1819	0.0061	14.1842	-8.3347	0.1104	0.0000	1.7390	1.0500	18.1797
31.7376	6.0576	6.7589	14.1694	14.1700	25.6468	8.8228	7.8349	-1.6052	0.0361	9.6226	14.1706	-0.0026	14.1703	-8.8054	0.0966	0.0000	1.7394	1.3500	19.6094
31.9052	6.0742	6.7895	14.1660	14.1700	25.7714	8.8156	7.8663	-1.5504	0.0400	10.6839	14.1565	-0.0061	14.1842	-9.1585	0.1241	0.0000	1.7410	1.3500	20.3320

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32.6201	6.1796	6.9475	14.1717	14.1700	15.1056	7.8765	7.4365	-0.9213	-0.2197	6.5741	14.1698	0.0019	14.1766	-7.0659	0.0141	0.0000	1.7443	0.0000	0.6094
32.9113	6.2172	7.0104	14.1723	14.1700	15.8596	7.9200	7.5278	-0.8373	-0.1732	6.4369	14.1924	-0.0034	14.1905	-7.6546	0.0003	0.0000	1.7462	0.0375	1.4297
33.0789	6.2372	7.0393	14.1701	14.1700	16.3462	7.9763	7.6071	-0.8002	-0.1466	5.9705	14.2037	-0.0051	14.2128	-8.1254	0.0003	0.0000	1.7474	0.0375	2.1484
33.1366	6.2506	7.0605	14.1706	14.1700	16.5339	8.0287	7.6743	-0.7870	-0.1455	5.6610	14.1895	0.0054	14.1877	-8.5570	0.0003	0.0000	1.7471	0.0375	2.8594
33.1888	6.2560	7.0777	14.1684	14.1700	18.2761	8.1312	7.7062	-0.9374	-0.1577	5.4027	14.1726	0.0001	14.1487	-9.0670	-0.0547	0.0000	1.7476	0.1125	3.7383
33.1201	6.2517	7.0527	14.1678	14.1700	19.1878	8.2200	7.7084	-1.0817	-0.1588	5.4324	14.1726	-0.0034	14.1961	-9.4592	0.0003	0.0000	1.7467	0.1125	4.4492
33.0487	6.2334	7.0365	14.1729	14.1700	19.4270	8.2779	7.6985	-1.1813	-0.1781	6.1406	14.1754	-0.0034	14.1738	-9.7469	0.0003	0.0000	1.7472	0.1125	5.1680
32.8041	6.2054	6.9853	14.1729	14.1700	22.5725	8.3750	7.6523	-1.3798	-0.1410	5.4181	14.1924	-0.0016	14.1794	-10.2829	0.0003	0.0000	1.7453	0.2250	6.1602
32.7217	6.1935	6.9675	14.1684	14.1700	23.6720	8.4423	7.6071	-1.5125	-0.1217	5.3911	14.1642	0.0088	14.1571	-10.5835	0.0003	0.0000	1.7449	0.2250	6.8672
32.5953	6.1747	6.9419	14.1706	14.1700	23.8380	8.4825	7.5658	-1.6082	-0.1084	6.4353	14.1895	0.0054	14.1654	-10.9234	0.0278	0.0000	1.7443	0.2250	7.6406
32.4085	6.1553	6.9068	14.1706	14.1700	25.6566	8.7114	7.6308	-1.8161	0.0107	7.0543	14.1613	-0.0156	14.1571	-11.2893	0.0141	0.0000	1.7426	0.3750	8.6797
32.3700	6.1424	6.8890	14.1701	14.1700	25.9788	8.8542	7.6886	-1.9240	0.0522	6.4860	14.1670	0.0019	14.1989	-11.5769	-0.0272	0.0000	1.7432	0.3750	9.3984
32.2876	6.1333	6.8706	14.1673	14.1700	25.9721	8.9[illegible]	7.7145	-2.0125	0.0710	6.2921	14.1839	0.0036	14.1626	-11.7337	0.0278	0.0000	1.7425	0.3750	10.1094
32.2024	6.1198	6.8612	14.1701	14.1700	25.9721	9.0147	7.7464	-2.0385	0.0921	6.2365	14.1839	-0.0034	14.1822	-12.2956	0.0003	0.0000	1.7422	0.5625	11.2578
32.2272	6.1263	6.8734	14.1723	14.1700	25.9688	9.0202	7.7513	-2.0213	0.0987	6.2392	14.1952	0.0001	14.1571	-12.4916	0.0003	0.0000	1.7420	0.5625	11.9805
32.2821	6.1338	6.8695	14.1706	14.1700	26.0137	9.0274	7.7596	-2.0141	0.0976	7.8275	14.1867	0.0071	14.1571	-12.7137	0.0003	0.0000	1.7423	0.5625	12.6875
32.3453	6.1446	6.8924	14.1695	14.1700	25.9339	8.9965	7.7805	-1.9422	0.0921	7.0945	14.1867	0.0001	14.1738	-13.2363	0.0278	0.0000	1.7425	0.7875	13.9570
32.3041	6.1381	6.8818	14.1723	14.1700	25.8974	8.9739	7.7926	-1.9041	0.0865	6.5245	14.1670	0.0054	14.2045	-13.4322	0.0003	0.0000	1.7423	0.7875	14.6680
32.2519	6.1198	6.8701	14.1701	14.1700	25.8675	8.9524	7.7965	-1.8748	0.0887	6.2381	14.1839	0.0054	14.1682	-13.6935	0.0416	0.0000	1.7432	0.7875	15.3789
32.1475	6.1128	6.8462	14.1706	14.1700	25.9173	8.9397	7.8323	-1.7841	0.0849	5.7937	14.1585	-0.0051	14.1487	-14.2552	0.0416	0.0000	1.7418	1.0500	16.7578
32.1200	6.1090	6.8328	14.1661	14.1700	25.9057	8.9242	7.8554	-1.7299	0.0710	5.6670	14.1557	0.0019	14.1989	-14.4642	0.0003	0.0000	1.7417	1.0500	17.4688
32.0815	6.1047	6.8345	14.1684	14.1700	25.8659	8.9121	7.8631	-1.7017	0.0605	5.8912	14.1839	0.0088	14.1989	-14.6731	0.0003	0.0000	1.7414	1.0500	18.1797
32.1942	6.1203	6.8556	14.1678	14.1700	26.0186	8.9022	7.9242	-1.6115	0.0494	9.2914	14.1670	0.0019	14.1905	-15.1433	0.0003	0.0000	1.7420	1.3500	19.6094
32.3865	6.1419	6.9018	14.1673	14.1700	26.1631	8.9099	7.9759	-1.5706	0.0527	10.5812	14.1501	-0.0051	14.1766	-15.3261	0.0003	0.0000	1.7436	1.3500	20.3281

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34.0386	6.3858	7.8409	6.8619	14.1700	13.0609	6.5422	5.5058	-1.2133	1.2857	6.8167	14.1275	0.0069	14.1974	11.3395	-0.8796	0.0000	1.7507	0.0000	0.6094
34.2447	6.4138	7.8882	6.8865	14.1700	13.6704	6.4738	5.3643	-1.2404	1.4163	6.6328	14.1416	-0.0001	14.2170	10.4857	-0.8383	0.0000	1.7518	0.0375	1.4297
34.2227	6.4100	7.8776	6.8949	14.1700	14.0823	6.4462	5.2691	-1.3222	1.4634	6.1465	14.1585	-0.0001	14.1500	9.8552	-0.8658	0.0000	1.7518	0.0375	2.1406
34.0963	6.3891	7.8208	6.8675	14.1700	14.3148	6.4214	5.1738	-1.3648	1.5143	5.8128	14.2065	-0.0001	14.1696	9.3168	-0.8246	0.0000	1.7515	0.0375	2.8594
33.8957	6.3675	7.7891	6.8406	14.1700	15.3445	6.4859	5.1248	-1.6015	1.6505	5.5054	14.1529	-0.0001	14.1947	8.6997	-0.8383	0.0000	1.7498	0.1125	3.7383
33.7529	6.3428	7.7429	6.8221	14.1700	15.9357	6.5764	5.1094	-1.7907	1.7530	5.5335	14.1839	-0.0105	14.1891	8.2796	-0.8521	0.0000	1.7496	0.1125	4.4492
33.5605	6.3228	7.7306	6.7908	14.1700	16.2048	6.6365	5.0841	-1.9333	1.8316	6.0947	14.1585	-0.0001	14.1807	7.8070	-0.8521	0.0000	1.7479	0.1125	5.1719
33.3710	6.2965	7.6271	6.7588	14.1700	17.3025	6.9172	5.3951	-1.8332	1.8515	5.6376	14.1360	-0.0123	14.2058	7.2295	-0.8521	0.0000	1.7469	0.2250	6.1484
33.2034	6.2717	7.6043	6.7347	14.1700	18.0067	7.1708	5.6985	-1.7315	1.8111	7.3405	14.1614	0.0052	14.2002	7.0064	-0.8383	0.0000	1.7462	0.2250	6.8711
33.0550	6.2518	7.5987	6.7258	14.1700	18.1512	7.3479	5.8818	-1.6977	1.7657	7.0409	14.1444	0.0226	14.1696	6.5339	-0.8521	0.0000	1.7454	0.2250	7.5781
32.8682	6.2243	7.5130	6.6664	14.1700	19.8535	7.7785	6.4807	-1.3228	1.5204	6.6267	14.1867	0.0139	14.1779	6.0615	-0.8658	0.0000	1.7445	0.3750	8.6797
32.7775	6.2130	7.5686	6.6748	14.1700	20.4232	8.0477	6.8595	-1.1375	1.3167	6.8206	14.1303	-0.0158	14.1640	5.6679	-0.8796	0.0000	1.7439	0.3750	9.3906
32.8324	6.2168	7.4996	6.6709	14.1700	20.7188	8.2633	7.1320	-1.0651	1.1450	7.0855	14.1670	0.0156	14.1919	5.3662	-0.8658	0.0000	1.7446	0.3750	10.1094
33.1017	6.2529	7.6365	6.7196	14.1700	22.7532	8.5986	7.6665	-0.9517	0.6788	6.6311	14.1811	-0.0088	14.2086	4.8414	-0.8658	0.0000	1.7462	0.5625	11.2617
33.0825	6.2507	7.6132	6.7045	14.1700	23.8078	8.7949	7.9820	-0.9169	0.4385	6.4643	14.1557	-0.0193	14.1751	4.4217	-0.8383	0.0000	1.7460	0.5625	11.9805
33.0413	6.2475	7.5892	6.7319	14.1700	23.9092	8.9107	8.1455	-0.9755	0.2414	6.9142	14.1980	0.0069	14.1640	4.0020	-0.8658	0.0000	1.7456	0.5625	12.6914
32.8269	6.2136	7.5430	6.6827	14.1700	25.6164	9.0772	8.4884	-1.0656	-0.1318	7.1378	14.1642	-0.0001	14.1584	3.3988	-0.8658	0.0000	1.7449	0.7875	13.9492
32.6951	6.1974	7.4946	6.6720	14.1700	25.7975	9.1053	8.6024	-1.1254	-0.2868	6.6047	14.1726	-0.0315	14.1974	3.0578	-0.8658	0.0000	1.7439	0.7875	14.6719
32.5879	6.1802	7.4545	6.6362	14.1700	25.8008	9.1296	8.6783	-1.1547	-0.3925	6.2093	14.1755	-0.0053	14.2142	2.7563	-0.8521	0.0000	1.7436	0.7875	15.4414
32.2747	6.1420	7.3966	6.5975	14.1700	26.4468	9.1649	8.8495	-1.1066	-0.5110	5.9284	14.1360	-0.0280	14.1947	2.1532	-0.8658	0.0000	1.7413	1.0500	16.7500
32.1620	6.1274	7.4167	6.5689	14.1700	26.4900	9.1836	8.9244	-1.0717	-0.5703	8.1468	14.1726	0.0052	14.1891	1.7337	-0.7696	0.0000	1.7406	1.0500	17.4688
32.0301	6.1107	7.3432	6.5432	14.1700	26.3638	9.1710	8.9475	-1.0546	-0.5930	9.9934	14.1755	-0.0105	14.1835	1.5371	-0.8521	0.0000	1.7397	1.0500	18.1797
32.0988	6.1124	7.4077	6.5628	14.1700	26.4120	9.1483	8.9536	-0.9777	-0.5852	11.6577	14.1783	-0.0053	14.2114	0.9080	-0.8796	0.0000	1.7409	1.3500	19.6719
32.3379	6.1447	7.3883	6.6054	14.1700	26.5764	9.1528	8.9734	-0.9362	-0.5692	12.0724	14.1331	-0.0315	14.1528	0.6197	-0.8383	0.0000	1.7423	1.3500	20.3789

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33.1790	6.2710	7.6094	6.7401	5.5664	12.7065	6.1054	5.0873	-1.0305	1.5177	6.6530	14.1723	0.0109	14.1749	5.0513	-0.7422	0.0000	1.7458	0.0000	0.5977
33.4922	6.3146	7.6751	6.8022	5.8007	12.8992	6.0916	5.0714	-0.9398	1.6284	6.4701	14.2062	-0.0065	14.1888	4.4348	-0.7147	0.0000	1.7474	0.0000	1.3203
33.4290	6.3055	7.6857	6.8017	5.6929	12.9490	6.0740	5.0592	-0.8834	1.7071	5.9932	14.1328	0.0040	14.1916	4.0545	-0.7422	0.0000	1.7472	0.0000	2.0273
33.3384	6.2969	7.6334	6.7720	5.6536	12.9872	6.0519	5.0449	-0.8348	1.7541	5.6650	14.1723	0.0127	14.1498	3.5561	-0.7009	0.0000	1.7463	0.0000	2.7500
33.2340	6.2791	7.6195	6.7574	5.5611	12.9672	6.0337	5.0218	-0.8132	1.7879	5.3521	14.1780	-0.0082	14.1470	3.2676	-0.7147	0.0000	1.7461	0.0000	3.4570
33.0938	6.2619	7.5827	6.7373	5.4890	12.9440	6.0200	5.0273	-0.7916	1.7552	5.3863	14.1921	0.0144	14.1386	2.8481	-0.7422	0.0000	1.7451	0.0000	4.1680
32.9317	6.2360	7.5337	6.7003	5.5962	12.8859	6.0056	5.0108	-0.7795	1.7530	5.9535	14.1498	-0.0117	14.1749	2.5072	-0.7422	0.0000	1.7446	0.0000	4.8867
32.7834	6.2172	7.5566	6.6863	5.4404	12.8277	5.9781	4.9794	-0.7767	1.7746	5.5796	14.1949	0.0179	14.1972	2.2712	-0.7422	0.0000	1.7436	0.0000	5.5977
32.6597	6.1978	7.4296	6.6667	5.6443	12.7680	5.9582	4.9679	-0.7728	1.7630	7.2841	14.1864	0.0144	14.1358	2.0090	-0.6872	0.0000	1.7432	0.0000	6.3203
32.5196	6.1833	7.4319	6.6572	5.5839	12.6301	5.9323	4.9624	-0.7745	1.7098	6.9691	14.1554	0.0092	14.1693	1.7075	-0.6597	0.0000	1.7419	0.0000	7.0273
32.3960	6.1639	7.4196	6.6107	5.5177	12.5819	5.9179	4.9508	-0.7612	1.7060	6.5412	14.1751	-0.0117	14.1637	1.3929	-0.7009	0.0000	1.7414	0.0000	7.7969
32.3712	6.1580	7.4497	6.6269	5.3748	12.5454	5.8959	4.9387	-0.7612	1.7032	6.6756	14.1808	-0.0047	14.1693	1.1439	-0.6734	0.0000	1.7416	0.0000	8.5078
32.4179	6.1650	7.4647	6.6392	5.4773	12.5338	5.8650	4.9057	-0.7496	1.7071	6.9311	14.1893	0.0109	14.1609	0.8949	-0.6872	0.0000	1.7418	0.0000	9.2305
32.4344	6.1682	7.4101	6.6308	5.3965	12.4906	5.8518	4.8875	-0.7524	1.7137	6.4536	14.1949	-0.0100	14.2000	0.5542	-0.7009	0.0000	1.7418	0.0000	9.9375
32.4454	6.1682	7.4068	6.6314	5.3871	12.4806	5.8474	4.8957	-0.7391	1.7082	6.1959	14.1441	-0.0065	14.1609	0.3707	-0.7284	0.0000	1.7420	0.0000	10.6602
32.4811	6.1698	7.4630	6.6404	5.4961	12.5006	5.8507	4.9057	-0.7286	1.7021	5.9778	14.1385	0.0005	14.1888	-0.0748	-0.6459	0.0000	1.7425	0.0000	11.3672
32.5059	6.1687	7.4486	6.6353	5.3848	12.5006	5.8396	4.9034	-0.7303	1.7098	6.0565	14.1357	0.0005	14.1749	-0.4154	-0.6322	0.0000	1.7431	0.0000	12.0781
32.4619	6.1709	7.3957	6.6140	5.5523	12.5122	5.8286	4.9051	-0.7181	1.7026	6.6552	14.1977	-0.0065	14.1888	-0.7430	-0.7147	0.0000	1.7420	0.0000	12.7969
32.3960	6.1612	7.4346	6.6252	5.7239	12.5139	5.8214	4.8891	-0.7192	1.7154	6.5158	14.1695	-0.0065	14.1526	-0.8871	-0.7284	0.0000	1.7417	0.0000	13.5078
32.5910	6.1903	7.4680	6.6678	5.6343	12.5604	5.8325	4.8897	-0.7164	1.7270	6.2058	14.2062	-0.0082	14.1832	-1.1621	-0.7422	0.0000	1.7426	0.0000	14.2773
33.8714	6.3561	7.7993	6.8784	5.8218	12.6666	5.8507	4.9145	-0.6926	1.7790	6.0196	14.1498	0.0092	14.1888	-1.1491	-0.7422	0.0000	1.7505	0.0000	14.9883
34.7754	6.4810	8.0069	7.0061	5.9383	13.0088	5.9279	4.9965	-0.6672	1.8311	6.7047	14.1893	-0.0047	14.1581	-1.5813	-0.7009	0.0000	1.7551	0.0000	15.7070
34.2835	6.4164	7.8583	6.9300	5.9202	13.0935	5.9792	5.0411	-0.6661	1.8566	6.8430	14.1921	0.0022	14.1860	-2.1838	-0.7422	0.0000	1.7523	0.0000	16.4180
32.9949	6.2506	7.5582	6.6981	5.5511	12.9672	5.9808	5.0488	-0.6794	1.8062	6.8408	14.1808	0.0022	14.1721	-2.7992	-0.7009	0.0000	1.7443	0.0000	17.1367

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34.3532	6.4592	7.6327	6.5531	5.5776	8.6136	6.1775	6.2446	-0.4597	-0.2282	6.4959	22.6610	-1.2561	14.2216	5.2481	24.5781	0.0299	1.7493	0.0000	0.6016
34.4576	6.4721	7.6617	6.5431	5.7105	8.8029	6.2293	6.2942	-0.4166	-0.1966	6.4948	22.6723	-1.2474	14.2216	4.6971	24.5925	0.0298	1.7499	0.0500	1.5391
34.3944	6.4576	7.6338	6.5128	5.5524	8.9258	6.2613	6.3167	-0.4260	-0.1794	6.1946	22.6723	-1.2561	14.2244	4.2905	24.4637	0.0299	1.7502	0.0500	2.3086
34.3092	6.4516	7.6166	6.4971	5.6192	8.9839	6.2806	6.3217	-0.4332	-0.1584	5.9578	22.7061	-1.2439	14.2439	3.9889	24.5066	0.0298	1.7492	0.0500	3.0703
34.0207	6.4091	7.5514	6.4719	5.5307	9.4008	6.3765	6.3299	-0.5145	-0.1241	5.7265	22.6948	-1.2578	14.2104	3.5299	24.4350	0.0299	1.7480	0.1500	4.1211
33.8504	6.3919	7.5236	6.4237	5.4323	9.7811	6.4686	6.3272	-0.5914	-0.0964	5.7513	22.7315	-1.2526	14.2188	3.2676	24.4637	0.0299	1.7464	0.1500	4.8906
33.6635	6.3596	7.4746	6.3997	5.4282	9.9289	6.5221	6.3206	-0.6538	-0.0693	7.2157	22.7400	-1.2508	14.2300	2.9923	24.4637	0.0299	1.7461	0.1500	5.6602
33.4025	6.3294	7.4123	6.3280	5.3825	11.2858	6.7592	6.4527	-0.7622	-0.0100	6.9860	22.7371	-1.2439	14.2132	2.5465	24.4064	0.0298	1.7441	0.2875	6.7500
33.2047	6.3041	7.3850	6.3056	5.3169	12.0879	6.9583	6.5645	-0.8585	0.0243	6.7993	22.7625	-1.2526	14.2300	2.3498	24.4637	0.0299	1.7429	0.2875	7.5195
33.0756	6.2869	7.3460	6.3084	5.2478	12.3537	7.0829	6.6223	-0.9475	0.0221	6.5229	22.7766	-1.2578	14.1686	2.0877	24.4350	0.0300	1.7421	0.2875	8.3516
33.1745	6.2982	7.3649	6.3229	5.2214	16.5139	7.6217	7.0759	-0.9829	0.1589	6.1858	22.7738	-1.2526	14.2216	1.6944	24.4637	0.0299	1.7429	0.4750	9.5586
33.5839	6.3488	7.4679	6.4041	5.4376	18.7394	8.0463	7.4332	-1.0365	0.2059	6.0454	22.7879	-1.2578	14.2132	1.5764	24.4493	0.0300	1.7457	0.4750	10.3203
33.8311	6.3849	7.5264	6.4198	5.4124	19.7276	8.3893	7.7134	-1.1306	0.1960	6.2492	22.8133	-1.2508	14.2132	1.1832	24.4207	0.0299	1.7468	0.4750	11.0898
32.7019	6.2320	7.2492	6.2305	5.2114	25.1384	8.9055	8.2490	-1.0327	0.2115	6.5306	22.7738	-1.2474	14.2327	0.4756	24.3635	0.0299	1.7404	0.7125	12.4688
32.2293	6.1706	7.1439	6.1638	5.0199	25.9705	9.0676	8.4466	-1.0282	0.1677	7.0086	22.7569	-1.2596	14.2160	0.2921	24.3635	0.0300	1.7373	0.7125	13.2383
32.5865	6.2164	7.2414	6.2406	5.2196	26.1615	9.1785	8.5661	-1.0476	0.1079	7.3457	22.7456	-1.2630	14.2355	0.2790	24.3349	0.0300	1.7397	0.7125	14.0000
33.1415	6.2955	7.3610	6.3313	5.3427	27.0948	9.4095	8.7274	-1.3086	-0.0272	6.7586	22.7146	-1.2526	14.2244	-0.4547	24.3492	0.0299	1.7425	1.0000	15.4883
33.0041	6.2729	7.3293	6.2579	5.2999	26.9935	9.4636	8.6888	-1.4790	-0.0975	6.5168	22.7089	-1.2561	14.2216	-0.7168	24.3206	0.0299	1.7421	1.0000	16.2617
32.8310	6.2503	7.3004	6.2680	5.1939	26.8607	9.4691	8.6481	-1.5630	-0.1257	6.1241	22.7005	-1.2561	14.2076	-0.9657	24.3778	0.0299	1.7411	1.0000	17.0313
32.8805	6.2530	7.3070	6.2719	5.2431	26.1831	9.3483	8.3619	-1.9164	-0.2630	6.0421	22.6638	-1.2386	14.2076	-1.4503	24.3349	0.0297	1.7418	1.3375	18.6211
32.9327	6.2605	7.3132	6.2882	5.1622	26.1781	9.2843	8.2473	-2.0005	-0.2791	6.1621	22.6384	-1.2456	14.2160	-1.7254	24.3206	0.0297	1.7420	1.3375	19.3906
32.8255	6.2417	7.2954	6.2759	5.2560	26.1366	9.2380	8.1719	-2.0359	-0.2736	8.2015	22.6384	-1.2543	14.1937	-1.9742	24.3349	0.0299	1.7418	1.3375	20.2109
32.5618	6.2115	7.2363	6.2204	5.2343	25.7546	9.1338	7.9732	-2.1503	-0.2619	11.0191	22.6243	-1.2543	14.2021	-2.5243	24.3206	0.0298	1.7397	1.7250	21.9102
32.8200	6.2449	7.2903	6.2848	5.2185	25.8625	9.1040	7.9209	-2.1597	-0.2453	11.7664	22.6130	-1.2561	14.2244	-2.7861	24.3206	0.0299	1.7414	1.7250	22.6797

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36.0071	6.6859	7.9410	6.5874	5.7685	8.4220	6.5375	6.7136	-0.3835	-0.3319	6.7053	36.8951	-2.1614	14.1952	3.2152	24.6927	0.0500	1.7575	0.0000	0.6016
35.9521	6.6686	7.9305	6.5902	5.7128	8.5798	6.5458	6.7240	-0.3193	-0.2660	6.7278	36.9543	-2.1684	14.2008	2.6121	24.6068	0.0501	1.7582	0.0500	1.5391
35.7598	6.6519	7.8759	6.5566	5.6051	8.6196	6.5392	6.7097	-0.2939	-0.2449	6.5979	36.8612	-2.1631	14.2064	2.2712	24.4923	0.0500	1.7563	0.0500	2.3086
35.5757	6.6250	7.8414	6.5381	5.6349	8.5947	6.5254	6.6849	-0.2801	-0.2283	6.2195	36.8020	-2.1718	14.1897	1.9566	24.4493	0.0501	1.7556	0.0500	3.0781
35.2845	6.5857	7.7774	6.4653	5.5418	8.7990	6.5474	6.6354	-0.2955	-0.1702	6.0102	36.8020	-2.1701	14.1924	1.6158	24.4780	0.0501	1.7541	0.1500	4.1211
35.0729	6.5588	7.7323	6.4446	5.5301	8.9817	6.5789	6.5958	-0.3177	-0.1231	6.0554	36.8189	-2.1840	14.2259	1.3667	24.4637	0.0502	1.7528	0.1500	4.8906
34.8613	6.5298	7.6694	6.4412	5.4650	9.0348	6.5877	6.5600	-0.3492	-0.1087	7.6619	36.8528	-2.1788	14.1980	1.1439	24.4780	0.0502	1.7518	0.1500	5.6602
34.5261	6.4867	7.6165	6.3858	5.4563	9.8934	6.7085	6.5914	-0.4172	-0.0600	7.0621	36.8697	-2.1875	14.1729	0.6852	24.5066	0.0503	1.7498	0.2875	6.8086
34.3613	6.4608	7.5586	6.3354	5.4117	10.4780	6.8359	6.6382	-0.5333	-0.0257	6.9592	36.8894	-2.1701	14.1952	0.4493	24.4780	0.0501	1.7492	0.2875	7.5781
34.1442	6.4307	7.5191	6.3057	5.3098	10.6856	6.9009	6.6387	-0.5842	-0.0357	6.7345	36.9233	-2.1771	14.2008	0.2135	24.4637	0.0502	1.7481	0.2875	8.3516
33.8640	6.3898	7.4578	6.2597	5.1962	13.3612	7.2539	6.8837	-0.6998	0.0690	6.2487	36.9600	-2.1893	14.1757	-0.3237	24.4923	0.0504	1.7469	0.4750	9.6094
33.7156	6.3753	7.4261	6.2317	5.2547	15.0137	7.5439	7.0841	-0.8154	0.1050	6.1545	36.9825	-2.1823	14.1785	-0.5464	24.4923	0.0503	1.7455	0.4750	10.3789
33.6112	6.3537	7.4038	6.2088	5.1458	15.5335	7.7386	7.1942	-0.9321	0.0834	6.2647	36.9741	-2.1963	14.1785	-0.7823	24.4637	0.0505	1.7457	0.4750	11.1484
33.4491	6.3333	7.3543	6.1712	5.2161	21.9641	8.3049	7.7001	-0.9354	0.2080	6.5434	37.0192	-2.1858	14.1562	-1.1098	24.4780	0.0504	1.7447	0.7125	12.5195
33.2760	6.3171	7.3420	6.1522	5.1470	24.1380	8.6352	7.9968	-0.9741	0.2157	6.9366	37.0333	-2.1893	14.1757	-1.3717	24.4637	0.0504	1.7429	0.7125	13.2891
33.1936	6.3020	7.3042	6.1359	5.1171	24.5034	8.8470	8.1790	-1.0576	0.1891	7.3733	37.0361	-2.1980	14.1924	-1.6468	24.4637	0.0506	1.7429	0.7125	14.0586
32.9600	6.2681	7.2619	6.1203	5.0609	26.8601	9.2176	8.5132	-1.1776	0.0895	6.7372	37.0474	-2.2015	14.2036	-2.0659	24.4350	0.0506	1.7418	1.0000	15.5391
32.9903	6.2757	7.2585	6.0990	5.0784	27.0992	9.3472	8.6271	-1.2600	0.0341	6.4167	37.0502	-2.2050	14.1869	-2.2231	24.4637	0.0506	1.7416	1.0000	16.3711
33.0809	6.2837	7.2786	6.1365	5.0737	27.1756	9.4437	8.6992	-1.3220	-0.0058	6.0725	37.0502	-2.1997	14.1924	-2.4588	24.4637	0.0506	1.7425	1.0000	17.1406
33.0425	6.2805	7.2747	6.1247	5.0087	26.5528	9.4486	8.5704	-1.6820	-0.2001	6.0978	36.9346	-2.1997	14.1646	-3.0087	24.4064	0.0505	1.7421	1.3375	18.7305
32.9683	6.2703	7.2774	6.1147	5.0181	26.4681	9.4018	8.4669	-1.7954	-0.2389	6.4288	36.8838	-2.1997	14.2036	-3.2444	24.3635	0.0505	1.7417	1.3375	19.5000
32.9628	6.2724	7.2552	6.1236	5.1013	26.4582	9.3698	8.4064	-1.8402	-0.2549	8.0931	36.8189	-2.2015	14.1980	-3.3884	24.3206	0.0505	1.7414	1.3375	20.3203
32.9133	6.2606	7.2569	6.0962	5.0726	26.0828	9.2755	8.1928	-2.0486	-0.2931	11.1139	36.8415	-2.1840	14.1980	-4.0430	24.4637	0.0503	1.7416	1.7250	22.0313
32.8144	6.2401	7.2268	6.0760	4.9876	25.9881	9.2253	8.1052	-2.0885	-0.2831	11.9163	36.8612	-2.2015	14.1952	-4.3179	24.4493	0.0505	1.7418	1.7250	22.7891

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33.1614	6.2952	7.2511	5.9247	5.0167	7.7613	5.9553	6.3770	0.0800	-0.0086	6.0976	66.1652	-4.9032	14.2149	0.2135	24.3349	0.1012	1.7429	0.0000	0.6094
32.9416	6.2651	7.1932	5.8793	4.8861	7.7065	5.9454	6.3643	0.0877	-0.0474	6.1153	66.1652	-4.9224	14.2205	-0.2713	24.3206	0.1015	1.7417	0.0500	1.5391
32.7328	6.2408	7.1637	5.8424	4.9728	7.6566	5.9261	6.3264	0.0982	-0.0617	5.9247	66.1652	-4.9032	14.2288	-0.4023	24.4637	0.1012	1.7401	0.0500	2.3125
32.5432	6.2150	7.1219	5.8166	4.8293	7.5919	5.9101	6.2906	0.1016	-0.0584	5.8184	66.1652	-4.9102	14.1870	-0.6513	24.4637	0.1013	1.7390	0.0500	3.0820
32.3701	6.1854	7.0763	5.7807	4.8369	7.5038	5.8803	6.2102	0.1441	-0.0689	7.5571	66.1652	-4.9503	14.2205	-1.0181	24.4637	0.1018	1.7386	0.1500	4.1211
32.4773	6.2016	7.1102	5.8065	4.8293	7.4391	5.8627	6.1524	0.1884	-0.0640	7.5609	66.1652	-4.9050	14.2009	-1.1491	24.4780	0.1013	1.7391	0.1500	4.8906
32.6009	6.2155	7.1498	5.8278	4.9365	7.4142	5.8561	6.1172	0.2166	-0.0451	6.8301	66.1652	-4.9346	14.2065	-1.4241	24.4780	0.1016	1.7401	0.1500	5.7109
32.8537	6.2548	7.1932	5.8917	4.8603	7.5022	5.9024	6.0973	0.2265	-0.0141	6.6963	66.1652	-4.9399	14.1954	-1.6468	24.5352	0.1016	1.7410	0.2875	6.8125
32.9636	6.2721	7.2283	5.8771	4.9857	7.5968	5.9492	6.1062	0.2094	-0.0080	6.5388	66.1652	-4.8753	14.1926	-1.8956	24.4350	0.1009	1.7414	0.2875	7.5820
33.0763	6.2845	7.2483	5.9029	4.9863	7.6516	5.9840	6.1067	0.1989	-0.0053	6.2673	66.1652	-5.0044	14.2065	-2.0659	24.4637	0.1023	1.7424	0.2875	8.3516
33.0653	6.2834	7.2377	5.8933	4.9277	8.4389	6.1312	6.1766	0.0612	0.0113	6.1764	66.1652	-4.9399	14.2121	-2.4588	24.4493	0.1016	1.7423	0.4750	9.6094
33.0350	6.2769	7.2439	5.8939	4.9916	9.0318	6.2663	6.2295	-0.0621	0.0097	6.0249	66.1652	-5.0218	14.1786	-2.7207	24.4780	0.1025	1.7423	0.4750	10.3789
33.0021	6.2731	7.2260	5.8967	4.9658	9.2726	6.3479	6.2575	-0.1468	0.0008	6.0641	66.1652	-4.9922	14.1870	-2.9826	24.4493	0.1022	1.7421	0.4750	11.1523
32.8427	6.2570	7.2004	5.8732	4.9090	12.5842	6.7450	6.5355	-0.3458	0.0789	6.3466	66.1652	-4.9834	14.2121	-3.4015	24.4637	0.1021	1.7406	0.7125	12.5313
32.9526	6.2661	7.2233	5.8743	4.9582	14.4493	7.0461	6.7381	-0.5068	0.0977	6.4854	66.1652	-4.9643	14.1981	-3.6503	24.4350	0.1019	1.7418	0.7125	13.2891
33.0295	6.2710	7.2427	5.9152	4.9558	15.2913	7.2738	6.8917	-0.6329	0.0877	7.0824	66.1652	-4.9956	14.2232	-3.8728	24.3349	0.1022	1.7428	0.7125	14.1211
33.2411	6.3044	7.2884	5.9533	4.9781	23.3129	8.0905	7.5644	-0.8181	0.2046	6.6875	66.1652	-4.9887	14.1954	-4.2263	24.3349	0.1022	1.7436	1.0000	15.6016
33.4115	6.3270	7.3112	5.9785	5.0162	25.4453	8.5455	7.9327	-0.9232	0.2079	6.3477	66.1652	-4.9747	14.2065	-4.4619	24.3921	0.1020	1.7446	1.0000	16.3711
33.5296	6.3469	7.3574	5.9802	5.0695	25.9785	8.8703	8.1942	-1.0653	0.1752	6.0828	66.1652	-5.0148	14.2149	-4.6975	24.4493	0.1024	1.7448	1.0000	17.1406
33.9088	6.3953	7.4448	6.0345	5.0396	27.5462	9.3677	8.6038	-1.2821	0.1176	6.2904	66.1652	-5.0253	14.2009	-5.3126	24.5638	0.1026	1.7472	1.3375	18.7305
34.0489	6.4110	7.4610	6.0659	5.1286	27.7455	9.5226	8.7376	-1.3629	0.0678	7.4189	66.1652	-4.9799	14.2009	-5.4828	24.4637	0.1021	1.7483	1.3375	19.5000
34.0489	6.4120	7.4676	6.0541	5.0929	27.7804	9.6296	8.8300	-1.4342	0.0340	9.4356	66.1652	-5.0235	14.2232	-5.8492	24.3349	0.1025	1.7482	1.3375	20.3320
33.6010	6.3480	7.3585	5.9975	4.9576	27.2639	9.6765	8.7623	-1.7622	-0.1968	11.8424	66.1652	-5.1595	14.2065	-6.4379	24.3206	0.1040	1.7461	1.7250	22.0313
33.4005	6.3264	7.3168	5.9493	5.0085	27.0995	9.6462	8.6935	-1.8545	-0.2589	12.4036	66.1652	-5.0166	14.2037	-6.7127	24.3349	0.1025	1.7444	1.7250	22.8008

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35.2126	6.6176	7.8840	6.6793	5.8996	8.6921	6.3447	6.5814	-0.2026	-0.1625	6.7943	23.6255	-1.2217	22.4758	6.1009	25.0937	0.0301	1.7496	0.0000	0.5977
35.1741	6.6090	7.8778	6.6613	5.9230	8.9080	6.3656	6.6079	-0.1949	-0.1481	6.7459	23.7045	-1.2583	22.5344	5.3268	24.8645	0.0306	1.7497	0.0500	1.4805
35.0092	6.5886	7.8355	6.6563	5.9055	9.0492	6.3767	6.5902	-0.2142	-0.1470	6.4127	23.7299	-1.2617	22.5316	4.7365	24.7356	0.0306	1.7486	0.0500	2.3008
34.8664	6.5692	7.8094	6.6277	5.8674	9.0841	6.3717	6.5715	-0.2297	-0.1514	6.1384	23.6425	-1.2548	22.4870	4.2381	24.5925	0.0305	1.7479	0.0500	3.0703
34.6576	6.5396	7.7537	6.6121	5.8270	9.4727	6.4291	6.5390	-0.2950	-0.1126	5.8774	23.5014	-1.2321	22.3364	3.5955	24.4637	0.0301	1.7469	0.1500	4.1211
34.4652	6.5159	7.7208	6.5566	5.7877	9.8381	6.4936	6.5132	-0.3658	-0.0844	5.8911	23.3604	-1.2391	22.2025	3.2152	24.3349	0.0301	1.7456	0.1500	4.8906
34.2537	6.4917	7.6741	6.5460	5.7555	9.9443	6.5250	6.4774	-0.4255	-0.0623	7.3633	23.2701	-1.2234	22.0994	2.6907	24.3063	0.0299	1.7440	0.1500	5.6484
33.9926	6.4524	7.6318	6.5107	5.7051	11.1800	6.7158	6.5759	-0.4974	0.0319	7.2311	23.1601	-1.2164	22.0269	2.2056	24.3778	0.0297	1.7430	0.2875	6.7500
33.8498	6.4260	7.5889	6.4614	5.6752	12.0851	6.8934	6.6882	-0.5693	0.0585	7.0317	23.1121	-1.2094	21.9683	1.7337	24.3349	0.0296	1.7429	0.2875	7.5195
33.7179	6.4109	7.5238	6.4563	5.6418	12.4023	7.0108	6.7510	-0.6417	0.0684	6.7305	23.0755	-1.2217	21.9209	1.3667	24.3349	0.0297	1.7419	0.2875	8.3477
33.4569	6.3770	7.4843	6.3914	5.6003	15.9265	7.4459	7.1270	-0.6152	0.2428	6.3455	23.0585	-1.2164	21.9126	0.8687	24.4637	0.0297	1.7403	0.4750	9.5508
33.3003	6.3576	7.4586	6.3807	5.5639	17.8945	7.7724	7.4116	-0.6450	0.2893	6.1538	23.0472	-1.2234	21.8958	0.2921	24.4637	0.0297	1.7392	0.4750	10.3203
33.1986	6.3382	7.4208	6.3796	5.5399	18.4559	7.9985	7.5922	-0.7120	0.2760	6.2838	23.0247	-1.2182	21.8875	0.0956	24.4637	0.0297	1.7392	0.4750	11.0898
32.9733	6.3070	7.3852	6.3286	5.4936	24.5061	8.4645	8.1228	-0.4493	0.3635	6.5184	23.0388	-1.2199	21.8735	-0.7168	24.5066	0.0297	1.7379	0.7125	12.4609
32.9376	6.3027	7.3724	6.3001	5.4702	26.0756	8.6983	8.4020	-0.3364	0.3807	7.0372	22.9993	-1.2234	21.8930	-1.0836	24.4493	0.0297	1.7377	0.7125	13.2305
32.9403	6.2973	7.3790	6.3180	5.4696	26.3878	8.8521	8.5875	-0.3237	0.3303	7.5031	23.0077	-1.2199	21.8707	-1.4503	24.4637	0.0297	1.7383	0.7125	14.0000
33.1519	6.3286	7.4264	6.3606	5.4983	27.0887	9.0545	8.7267	-0.5173	0.1886	6.8610	23.0247	-1.2129	21.8428	-1.9349	24.4637	0.0296	1.7393	1.0000	15.4883
33.3854	6.3587	7.4881	6.3970	5.5294	27.2880	9.1284	8.7361	-0.6390	0.1509	6.5740	23.0360	-1.2199	21.8707	-2.3278	24.4780	0.0297	1.7408	1.0000	16.2500
33.5558	6.3888	7.5282	6.4031	5.5733	27.4358	9.1918	8.7587	-0.7075	0.1365	6.2750	23.0303	-1.2234	21.8958	-2.6945	24.4637	0.0297	1.7410	1.0000	17.0195
33.6877	6.4002	7.5460	6.4558	5.6044	26.8711	9.1587	8.5616	-1.1201	-0.0307	6.2469	23.0444	-1.2286	21.9070	-3.4277	24.4637	0.0298	1.7424	1.3375	18.6211
33.6465	6.3991	7.5466	6.4407	5.5991	26.8346	9.1141	8.4570	-1.2523	-0.0733	6.2436	23.0416	-1.2251	21.8875	-3.8074	24.4637	0.0297	1.7417	1.3375	19.4375
33.6657	6.4002	7.5488	6.4524	5.6061	26.7831	9.0848	8.3816	-1.3170	-0.0800	7.6050	23.0190	-1.2234	21.8651	-4.1347	24.4350	0.0297	1.7420	1.3375	20.2109
33.5146	6.3867	7.5126	6.4222	5.5838	26.5240	8.9944	8.2208	-1.4408	-0.0872	10.7602	23.0247	-1.2217	21.8651	-4.8807	24.4780	0.0297	1.7404	1.7250	21.9102
33.4514	6.3743	7.5065	6.3964	5.5756	26.4626	8.9575	8.1636	-1.4718	-0.0872	11.8264	23.0190	-1.2286	21.8930	-5.1818	24.4637	0.0298	1.7404	1.7250	22.7383

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33.7542	6.3729	7.4479	6.1171	5.0691	7.6845	5.9655	6.2217	-0.0288	0.1126	6.1868	56.3967	-3.1815	53.8106	2.3367	21.1116	0.0749	1.7465	0.0000	0.6133
33.7706	6.3805	7.4463	6.1081	5.0316	7.7593	5.9787	6.2630	0.0304	0.1181	6.2700	56.6336	-3.2408	54.0309	1.5764	21.1543	0.0758	1.7461	0.0500	1.5430
33.6442	6.3665	7.4312	6.0740	5.0428	7.7759	5.9892	6.2790	0.0575	0.0982	6.0656	56.6957	-3.2251	54.0755	1.0522	20.9836	0.0757	1.7450	0.0500	2.3125
33.4876	6.3444	7.3895	6.0555	4.9531	7.7742	5.9843	6.2779	0.0652	0.0888	5.8564	56.6167	-3.2094	53.9779	0.6852	20.8557	0.0754	1.7443	0.0500	3.0820
33.2623	6.3121	7.3466	6.0297	4.9543	7.7692	5.9854	6.2366	0.0962	0.0750	6.9187	55.9905	-3.1885	53.3868	0.0431	20.6141	0.0748	1.7432	0.1500	4.0703
33.1332	6.2970	7.3082	6.0510	4.8676	7.7792	5.9826	6.1980	0.1283	0.0589	6.9551	55.7761	-3.1658	53.1861	-0.5333	20.4863	0.0744	1.7422	0.1500	4.8398
32.9958	6.2739	7.2781	6.0051	4.9239	7.7526	5.9727	6.1667	0.1244	0.0545	7.0674	55.7253	-3.1885	53.1498	-0.8347	20.4863	0.0746	1.7419	0.1500	5.6602
32.8557	6.2572	7.2564	6.0062	4.9309	8.0333	6.0157	6.1452	0.1156	0.0694	6.7001	55.8579	-3.2216	53.2446	-1.2538	20.6568	0.0751	1.7408	0.2875	6.7617
32.8227	6.2518	7.2369	5.9698	4.8782	8.2724	6.0543	6.1441	0.0829	0.0888	6.6775	55.9989	-3.2234	53.3673	-1.6206	20.7420	0.0752	1.7407	0.2875	7.5313
32.7513	6.2427	7.2230	5.9608	4.9285	8.3887	6.0808	6.1391	0.0531	0.0849	6.2760	56.0892	-3.2181	53.4816	-2.0528	20.7420	0.0752	1.7403	0.2875	8.3008
32.6084	6.2206	7.1985	5.9574	4.9397	9.6144	6.2423	6.2371	-0.0415	0.1303	5.9935	56.2161	-3.2460	53.5987	-2.4850	20.7420	0.0756	1.7397	0.4750	9.5625
32.5260	6.2071	7.1835	5.9485	4.8459	10.4431	6.3774	6.3131	-0.1244	0.1619	6.0276	56.2218	-3.2251	53.5904	-2.8385	20.6994	0.0754	1.7395	0.4750	10.3320
32.5645	6.2152	7.1791	5.9345	4.8331	10.7952	6.4657	6.3571	-0.1897	0.1591	6.0232	56.2556	-3.2547	53.5736	-3.1397	20.7136	0.0757	1.7394	0.4750	11.1016
32.7321	6.2389	7.2169	5.9513	4.9391	15.3158	6.9090	6.7711	-0.2019	0.2854	6.3355	56.2585	-3.2443	53.6155	-3.8597	20.6426	0.0756	1.7403	0.7125	12.4727
32.8749	6.2534	7.2525	5.9614	4.8998	17.6858	7.2394	7.0601	-0.2583	0.2953	6.5398	56.2415	-3.2513	53.5764	-4.0037	20.6141	0.0757	1.7416	0.7125	13.2422
32.9848	6.2626	7.2614	5.9793	5.0018	18.4979	7.4721	7.2578	-0.3307	0.2765	7.0559	56.2415	-3.2495	53.5932	-4.3179	20.5573	0.0757	1.7428	0.7125	14.0117
32.8227	6.2486	7.2392	5.9939	4.9098	24.7392	8.0974	7.8688	-0.2920	0.3247	6.6896	56.2331	-3.2582	53.5932	-5.0771	20.6568	0.0758	1.7411	1.0000	15.4922
32.6661	6.2233	7.2113	5.9490	4.8864	25.9216	8.4007	8.1501	-0.3396	0.2804	6.2909	56.2387	-3.2356	53.6127	-5.3911	20.5857	0.0755	1.7406	1.0000	16.2617
32.6579	6.2211	7.2019	5.9474	4.8571	26.1459	8.6031	8.3351	-0.4153	0.2472	5.9803	56.2613	-3.2600	53.6099	-5.7445	20.5857	0.0758	1.7407	1.0000	17.0313
32.8502	6.2427	7.2542	5.9552	4.8600	26.6076	8.8523	8.5008	-0.6382	0.1287	6.0695	56.2895	-3.2513	53.6406	-6.4641	20.5005	0.0757	1.7422	1.3375	18.6211
32.8502	6.2443	7.2548	5.9950	4.9115	26.6308	8.9152	8.5256	-0.7344	0.0672	6.7552	56.2838	-3.2460	53.6433	-6.6865	20.5857	0.0757	1.7421	1.3375	19.3906
32.8227	6.2421	7.2347	5.9776	4.8910	26.6242	8.9566	8.5371	-0.7914	0.0611	9.0038	56.2810	-3.2931	53.6182	-7.0136	20.5005	0.0762	1.7417	1.3375	20.2109
32.7760	6.2373	7.2486	5.9927	4.8899	26.3169	8.9466	8.4237	-1.1044	-0.1260	11.2673	56.3290	-3.2861	53.6489	-7.7592	20.5289	0.0762	1.7413	1.7250	21.9219
32.7843	6.2405	7.2292	5.9339	4.9186	26.2903	8.9433	8.3802	-1.1984	-0.1676	12.0015	56.2951	-3.2687	53.6517	-7.9423	20.5289	0.0759	1.7411	1.7250	22.6914

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33.6428	6.3170	7.4176	6.3163	5.4251	11.7274	8.2335	9.8321	-0.5916	4.3506	6.0887	24.2100	-1.2039	23.0966	4.3823	20.2165	0.0302	1.7501	0.0000	0.6016
33.6346	6.3122	7.4315	6.3426	5.2945	12.0197	8.3366	9.9670	-0.6176	4.2100	6.2699	24.0689	-1.2074	22.9990	3.7397	20.1739	0.0302	1.7505	0.0500	1.4805
33.5384	6.2987	7.4076	6.3376	5.3554	12.2456	8.4342	10.0843	-0.6691	4.0893	6.3558	23.9674	-1.2091	22.9153	3.3332	20.1881	0.0301	1.7500	0.0500	2.2500
33.3763	6.2793	7.3703	6.3006	5.2769	12.3220	8.4882	10.1344	-0.7122	4.0428	6.2153	23.9109	-1.1952	22.8233	2.8481	20.2307	0.0299	1.7488	0.0500	3.0820
33.0603	6.2330	7.2979	6.1953	5.1012	13.0345	8.6989	10.4509	-0.6674	3.7183	6.4891	23.8348	-1.1673	22.7647	2.3367	20.2165	0.0295	1.7475	0.1500	4.0625
32.8735	6.2120	7.2673	6.2194	5.1768	13.5493	8.8941	10.7036	-0.6641	3.4769	6.5403	23.7953	-1.2091	22.7229	2.0090	20.2165	0.0300	1.7459	0.1500	4.8320
32.6812	6.1787	7.2122	6.2004	5.1252	13.7137	9.0121	10.8131	-0.7017	3.3634	6.6559	23.7389	-1.1708	22.6978	1.6682	20.2307	0.0295	1.7456	0.1500	5.6016
32.5108	6.1587	7.1710	6.1309	5.1317	15.1736	9.5084	11.2634	-0.6597	2.9133	6.1983	23.7276	-1.1952	22.6895	1.1570	20.2733	0.0298	1.7443	0.2875	6.7617
32.5823	6.1695	7.2061	6.1696	5.1405	16.0173	9.9270	11.5536	-0.7172	2.6220	5.8541	23.7163	-1.1812	22.6393	0.8556	20.2875	0.0296	1.7446	0.2875	7.5234
32.6894	6.1808	7.2139	6.1477	5.2336	16.4059	10.2303	11.7259	-0.8300	2.4532	5.9758	23.6965	-1.1760	22.6198	0.3838	20.3585	0.0295	1.7456	0.2875	8.2930
32.9230	6.2110	7.2706	6.2205	5.1375	19.8802	11.4688	12.7041	-1.0473	1.4527	5.9444	23.7050	-1.1952	22.6142	-0.0486	20.3159	0.0298	1.7471	0.4750	9.5000
32.9504	6.2153	7.2756	6.2497	5.1117	21.5228	12.3936	13.2634	-1.3659	0.9206	7.4628	23.6994	-1.1882	22.6337	-0.4940	20.3159	0.0297	1.7471	0.4750	10.2734
32.7279	6.1830	7.2216	6.2160	5.0936	21.8300	12.9340	13.4732	-1.6900	0.6985	8.0735	23.6853	-1.1830	22.6281	-0.9264	20.3301	0.0296	1.7461	0.4750	11.0898
30.8870	5.9375	6.8147	5.9024	4.7714	24.3644	13.8114	13.8872	-2.0837	0.2927	7.3609	23.6853	-1.1882	22.6337	-1.6861	20.3301	0.0297	1.7347	0.7125	12.4102
32.0959	6.0974	7.0875	6.0973	4.9887	25.2213	14.2459	14.1030	-2.2513	0.0729	6.8068	23.6909	-1.1830	22.6225	-1.5813	20.3301	0.0296	1.7425	0.7125	13.1797
32.3762	6.1367	7.1493	6.1175	5.1106	25.8508	14.6573	14.3259	-2.3918	-0.1453	6.6113	23.6853	-1.1812	22.6198	-1.9742	20.3301	0.0296	1.7439	0.7125	14.0117
31.8926	6.0705	7.0396	6.0362	4.9302	25.5867	14.7268	14.1184	-2.8430	0.0779	7.5410	23.6768	-1.1882	22.5863	-2.6683	20.3585	0.0297	1.7412	1.0000	15.4297
31.6618	6.0409	6.9923	6.0217	4.8669	25.4007	14.6264	13.9951	-2.9536	0.2008	10.8619	23.6542	-1.1812	22.5891	-2.9957	20.3301	0.0296	1.7396	1.0000	16.2031
31.4997	6.0188	6.9394	5.9382	4.9096	25.2363	14.5288	13.9246	-2.9901	0.2672	11.9634	23.6486	-1.1900	22.5835	-3.2706	20.3301	0.0297	1.7386	1.0000	16.9727
31.2497	5.9865	6.8826	5.9192	4.8915	24.8360	14.4246	13.8288	-3.2799	0.3503	11.7849	23.6429	-1.1952	22.5891	-3.8074	20.3443	0.0297	1.7369	1.3375	18.5625
31.3651	6.0037	6.9299	5.9853	4.8768	24.8726	14.3932	13.8200	-3.3225	0.3663	12.4012	23.6599	-1.2022	22.6030	-4.1739	20.3443	0.0298	1.7375	1.3375	19.3906
31.6124	6.0279	6.9784	6.0469	4.8839	25.0187	14.4180	13.8464	-3.3363	0.3342	13.0659	23.6570	-1.2144	22.5835	-4.3965	20.3443	0.0300	1.7400	1.3375	20.1602
31.7388	6.0500	7.0090	6.0446	4.9337	25.0536	14.3408	13.8574	-3.2335	0.3243	13.8953	23.6740	-1.1969	22.6309	-4.9985	20.3159	0.0298	1.7402	1.7250	21.8633
31.7085	6.0419	7.0157	6.0323	5.0092	24.9905	14.2702	13.8431	-3.1715	0.3420	14.2302	23.6937	-1.1934	22.6030	-5.3257	20.3159	0.0298	1.7405	1.7250	22.6328

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32.9346	6.2173	7.1916	6.0090	5.0642	12.2467	8.5616	10.4949	-0.6298	3.7033	5.8255	38.9968	-2.0399	37.2755	-1.4372	20.7420	0.0499	1.7466	0.0000	0.6094
32.8961	6.2119	7.1955	6.0196	5.0923	12.6918	8.6719	10.7096	-0.6243	3.4819	6.0772	38.9997	-2.0486	37.2560	-2.0397	20.5431	0.0500	1.7464	0.0500	1.4805
32.7753	6.2001	7.1783	5.9877	4.9933	13.0206	8.7744	10.8742	-0.6431	3.3268	6.2121	38.9461	-2.0347	37.2225	-2.5373	20.4863	0.0498	1.7452	0.0500	2.3086
32.6434	6.1801	7.1448	5.9407	5.0589	13.0339	8.7915	10.9188	-0.6735	3.2764	6.1499	38.9630	-2.0382	37.2281	-2.8516	20.5289	0.0498	1.7447	0.0500	3.0781
32.3576	6.1446	7.0758	5.9211	4.9640	13.3827	8.8925	11.0185	-0.5712	3.1690	6.9231	38.9658	-2.0312	37.2002	-3.2051	20.4863	0.0497	1.7427	0.1500	4.0703
32.2834	6.1328	7.0769	5.9222	4.9757	13.5654	8.9608	11.0675	-0.5170	3.1314	6.9220	38.9602	-2.0434	37.2169	-3.3884	20.3869	0.0499	1.7425	0.1500	4.8906
32.4098	6.1441	7.1037	6.0000	5.0237	13.6816	9.0226	11.1099	-0.4987	3.1004	6.4671	38.9573	-2.0417	37.2253	-3.7812	20.3869	0.0499	1.7438	0.1500	5.6602
32.4483	6.1532	7.1120	5.9474	5.0108	14.5884	9.3628	11.2656	-0.5540	2.9254	6.1460	38.9573	-2.0225	37.2197	-4.1085	20.4579	0.0496	1.7436	0.2875	6.7578
32.3411	6.1382	7.1031	5.9407	4.9681	15.0086	9.6375	11.3493	-0.6740	2.8457	5.8338	38.9602	-2.0207	37.2253	-4.4095	20.4011	0.0496	1.7431	0.2875	7.5273
32.2889	6.1306	7.0803	5.9306	4.9042	15.1099	9.7979	11.3785	-0.7918	2.8246	5.8547	38.9263	-2.0399	37.1835	-4.6451	20.3727	0.0498	1.7428	0.2875	8.3477
32.1213	6.1037	7.0263	5.9278	4.9007	17.7257	10.7508	12.0402	-1.1026	2.1541	5.8453	38.9404	-2.0486	37.1835	-5.1163	20.3585	0.0500	1.7423	0.4750	9.5586
32.0444	6.0983	7.0018	5.8869	4.8662	19.0061	11.4440	12.4344	-1.4212	1.7704	7.4436	38.9009	-2.0608	37.1863	-5.1818	20.3585	0.0501	1.7413	0.4750	10.3281
32.0032	6.0870	6.9979	5.8852	4.8714	19.4595	11.9139	12.6381	-1.7060	1.5584	7.7118	38.9489	-2.0451	37.1835	-5.5613	20.3727	0.0499	1.7417	0.4750	11.0977
31.9675	6.0832	6.9906	5.9093	4.9259	23.7377	13.2815	13.6543	-2.0433	0.5341	7.3026	38.9771	-2.0521	37.1890	-5.9669	20.3585	0.0500	1.7413	0.7125	12.4688
32.0389	6.0951	7.0174	5.8846	4.8023	24.8488	13.9868	14.0110	-2.3326	0.1924	6.8135	38.9461	-2.0573	37.1667	-6.2940	20.3301	0.0501	1.7415	0.7125	13.2383
32.0307	6.0881	7.0285	5.9222	4.9944	24.9152	14.3987	14.1101	-2.5742	0.0889	6.5707	38.9630	-2.0364	37.2058	-6.4510	20.3727	0.0498	1.7421	0.7125	14.0078
31.8576	6.0703	6.9778	5.8891	4.7947	25.4948	14.6606	14.0804	-2.9099	0.1249	9.1756	38.9658	-2.0661	37.2225	-6.8304	20.3727	0.0502	1.7405	1.0000	15.4883
31.7696	6.0585	6.9400	5.8180	4.8087	25.4184	14.6535	14.0286	-3.0294	0.1775	11.5493	38.9884	-2.0661	37.2365	-7.1444	20.3585	0.0502	1.7399	1.0000	16.2578
31.6130	6.0300	6.9266	5.8634	4.7847	25.3038	14.6165	13.9857	-3.0880	0.2163	12.0830	39.0109	-2.0591	37.2197	-7.3406	20.3585	0.0501	1.7398	1.0000	17.0273
31.7092	6.0515	6.9478	5.8875	4.8035	25.2324	14.6231	14.0022	-3.3175	0.2079	11.9993	39.0166	-2.0591	37.2448	-7.8246	20.3443	0.0501	1.7394	1.3375	18.6172
31.8658	6.0666	6.9767	5.9043	4.8410	25.2839	14.6115	14.0132	-3.3634	0.1869	12.7995	39.0279	-2.0434	37.2337	-7.9815	20.3301	0.0499	1.7411	1.3375	19.3906
31.8109	6.0623	6.9678	5.8482	4.8433	25.3121	14.6176	14.0165	-3.3750	0.1814	13.3298	39.0138	-2.0521	37.2225	-8.2954	20.3585	0.0500	1.7404	1.3375	20.1602
31.6130	6.0353	6.9060	5.8079	4.8275	24.9767	14.3965	13.9516	-3.2771	0.2489	14.1168	38.9997	-2.0364	37.2309	-8.7401	20.3301	0.0498	1.7392	1.7250	21.8594
31.4866	6.0133	6.8726	5.8017	4.8521	24.8471	14.2652	13.9015	-3.2047	0.2871	14.4363	38.9799	-2.0434	37.2448	-9.1847	20.3727	0.0499	1.7390	1.7250	22.6875

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32.5784	6.1739	7.1156	5.8526	4.9005	12.6407	8.6844	11.0759	-0.3151	3.1315	5.7804	57.4286	-3.0636	55.0634	-2.9956	20.4863	0.0741	1.7441	0.0000	0.6094
32.3641	6.1486	7.0555	5.8386	4.8589	12.9164	8.7478	11.1954	-0.4158	3.0202	6.0023	57.2763	-3.0653	54.8989	-3.2706	20.3585	0.0741	1.7424	0.0500	1.4883
32.2047	6.1233	7.0193	5.8061	4.8917	13.2004	8.8035	11.3149	-0.4617	2.8879	6.1295	57.2763	-3.0880	54.8710	-3.4801	20.4579	0.0744	1.7419	0.0500	2.2578
32.0948	6.1093	6.9971	5.7848	4.8548	13.2602	8.8294	11.3545	-0.5043	2.8591	6.6957	57.2876	-3.0741	54.8682	-3.7288	20.5005	0.0742	1.7411	0.0500	3.0781
32.0591	6.1050	7.0065	5.8011	4.8150	13.3715	8.8327	11.3198	-0.4274	2.8934	7.1941	57.5076	-3.0932	55.1052	-4.0168	20.5715	0.0746	1.7409	0.1500	4.0664
32.0179	6.0969	6.9870	5.7927	4.8150	13.4479	8.8459	11.2692	-0.3527	2.9443	7.1947	57.6656	-3.1176	55.2642	-4.2132	20.6141	0.0750	1.7409	0.1500	4.8398
32.3366	6.1384	7.0533	5.8459	4.7998	13.5176	8.8586	11.2670	-0.2996	2.9349	6.3680	57.7333	-3.1159	55.3255	-4.2786	20.6141	0.0750	1.7430	0.1500	5.6602
32.7487	6.1868	7.1635	5.9097	4.9146	13.7850	9.0417	11.1871	-0.3832	3.0274	6.1554	57.7728	-3.1194	55.3897	-4.6713	20.5715	0.0751	1.7461	0.2875	6.7578
32.8119	6.2003	7.1485	5.9164	4.9005	13.9129	9.1674	11.1172	-0.4855	3.0905	6.0893	57.8038	-3.1176	55.3813	-4.9331	20.5289	0.0751	1.7460	0.2875	7.5273
32.8257	6.2040	7.1518	5.9019	4.9111	14.0125	9.2766	11.0991	-0.5673	3.1149	5.9109	57.8123	-3.1194	55.3952	-5.1687	20.4579	0.0751	1.7458	0.2875	8.2969
32.5784	6.1690	7.1023	5.8593	4.8390	15.4873	9.8446	11.3859	-0.9052	2.8181	6.0359	57.8376	-3.1037	55.3980	-5.6790	20.4437	0.0749	1.7446	0.4750	9.5586
32.3174	6.1384	7.0694	5.8750	4.8970	16.2845	10.3062	11.5918	-1.1961	2.6116	7.0834	57.8207	-3.1142	55.3924	-5.8753	20.4437	0.0750	1.7426	0.4750	10.3281
32.1635	6.1152	7.0215	5.7955	4.8818	16.4140	10.5438	11.6341	-1.4256	2.5806	7.6760	57.8264	-3.1333	55.3729	-6.1763	20.4011	0.0753	1.7419	0.4750	11.0977
31.8338	6.0668	6.9586	5.7478	4.7424	20.9397	11.9820	12.7858	-1.7408	1.3924	7.2145	57.7897	-3.1386	55.3478	-6.4641	20.3301	0.0753	1.7404	0.7125	12.4688
32.0014	6.0926	6.9904	5.7730	4.8712	22.3497	12.8555	13.3005	-2.0970	0.9085	6.7607	57.8179	-3.1264	55.3701	-6.7912	20.3585	0.0752	1.7410	0.7125	13.2383
32.1003	6.1055	7.0099	5.8016	4.8800	22.7466	13.3833	13.5290	-2.3929	0.6815	6.4842	57.8179	-3.1072	55.3562	-6.8566	20.3727	0.0749	1.7417	0.7125	14.0078
32.1965	6.1158	7.0249	5.8022	4.7418	25.4221	14.3483	14.0828	-2.6019	0.1256	10.1868	57.7953	-3.1455	55.3729	-7.3537	20.3443	0.0754	1.7425	1.0000	15.4883
32.1140	6.1071	7.0182	5.8162	4.8589	25.5716	14.5821	14.1477	-2.7042	0.0685	11.8396	57.8235	-3.1333	55.3701	-7.8115	20.3585	0.0753	1.7418	1.0000	16.2578
31.8860	6.0770	6.9703	5.7775	4.7019	25.5069	14.6863	14.1483	-2.7850	0.0652	12.1436	57.8292	-3.1386	55.3674	-7.8115	20.3869	0.0753	1.7403	1.0000	17.0273
31.6470	6.0468	6.8980	5.7215	4.7675	25.2810	14.7233	14.1114	-3.1782	0.0995	12.3011	57.8348	-3.1420	55.3590	-8.3477	20.3869	0.0754	1.7387	1.3375	18.6172
31.7349	6.0506	6.9152	5.7226	4.7892	25.2810	14.6880	14.0982	-3.2445	0.1095	13.0908	57.8094	-3.1298	55.3674	-8.5570	20.3727	0.0752	1.7401	1.3375	19.3867
31.6195	6.0372	6.9052	5.7030	4.7517	25.2627	14.6571	14.0955	-3.2655	0.1200	13.4218	57.8151	-3.1420	55.3757	-8.7662	20.3585	0.0754	1.7391	1.3375	20.1602
31.9052	6.0727	6.9687	5.7842	4.7242	25.1797	14.4851	14.0663	-3.1881	0.1394	14.2953	57.8066	-3.1490	55.3450	-9.2631	20.3159	0.0754	1.7412	1.7250	21.8594
32.1333	6.0980	7.0177	5.7887	4.8086	25.3142	14.4525	14.1010	-3.1411	0.1139	14.6791	57.8179	-3.1298	55.3506	-9.5246	20.3585	0.0752	1.7432	1.7250	22.6289

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33.3925	6.2809	7.3760	6.2543	5.3526	16.8760	10.3323	10.4532	-0.2702	3.7381	6.0556	24.2114	-1.2129	23.1264	-0.4285	20.9268	0.0303	1.7490	0.0000	0.6094
33.6810	6.3240	7.4551	6.3472	5.4024	17.9488	10.7486	10.9519	-0.0186	3.2282	6.1773	24.2706	-1.2251	23.1683	-0.8216	20.8699	0.0305	1.7502	0.0500	1.4922
33.6013	6.3110	7.4306	6.2884	5.3017	18.5069	11.1076	11.3566	0.0976	2.8439	6.1850	24.3017	-1.2338	23.2045	-1.3717	20.8557	0.0306	1.7500	0.0500	2.3125
33.3485	6.2717	7.3682	6.2621	5.2560	18.6065	11.2978	11.5327	0.0622	2.6750	6.0947	24.3158	-1.2199	23.2184	-1.5944	20.8699	0.0305	1.7491	0.0500	3.0820
33.0271	6.2276	7.3014	6.2274	5.1927	20.6626	11.7930	12.1625	0.3282	2.0295	6.1321	24.2170	-1.2199	23.1376	-1.9873	20.7278	0.0304	1.7474	0.1500	4.0703
32.7825	6.2007	7.2358	6.1865	5.0357	21.5146	12.1272	12.4851	0.3437	1.7100	6.1519	24.0957	-1.2077	23.0260	-2.2100	20.6568	0.0302	1.7453	0.1500	4.8398
32.5380	6.1652	7.2012	6.1333	5.1300	21.6225	12.2910	12.5930	0.2602	1.6131	6.7225	23.9913	-1.2007	22.8894	-2.5635	20.6284	0.0300	1.7442	0.1500	5.6602
32.7056	6.1829	7.2430	6.1932	5.0439	23.7467	12.7465	12.8154	0.0942	1.3839	6.3623	23.9039	-1.1920	22.8141	-2.7076	20.6141	0.0299	1.7457	0.2875	6.7617
32.8622	6.2077	7.2692	6.2089	5.2220	24.5671	13.1309	12.9475	-0.0965	1.2582	6.1189	23.8418	-1.2129	22.7500	-2.9171	20.6710	0.0301	1.7462	0.2875	7.5313
32.7743	6.1921	7.2491	6.2179	5.2173	24.7382	13.3559	13.0070	-0.2531	1.1995	6.1679	23.8052	-1.1955	22.7277	-3.1790	20.6284	0.0298	1.7461	0.2875	8.3008
32.7468	6.1824	7.2330	6.1999	5.2044	26.3873	13.7810	13.1716	-0.4665	1.0445	6.0792	23.7713	-1.2059	22.6970	-3.7027	20.6852	0.0300	1.7466	0.4750	9.5625
32.6836	6.1743	7.2224	6.2139	5.2155	26.6182	13.9305	13.2063	-0.5998	0.9963	7.5701	23.7657	-1.2112	22.6942	-3.8467	20.6994	0.0300	1.7461	0.4750	10.3320
32.4418	6.1474	7.1723	6.1411	5.0884	26.5019	13.9768	13.1826	-0.6689	1.0162	7.9567	23.7629	-1.2024	22.6831	-4.2656	20.7562	0.0299	1.7441	0.4750	11.1016
32.1836	6.1086	7.1066	6.0952	5.1312	26.0219	13.7022	12.9629	-0.7027	1.2554	7.4990	23.7770	-1.1902	22.6719	-4.5404	20.7278	0.0298	1.7430	0.7125	12.4219
32.0297	6.0898	7.0621	6.0481	5.0527	25.8858	13.5125	12.8501	-0.6573	1.3534	7.0595	23.8023	-1.2059	22.7165	-4.8807	20.7562	0.0300	1.7419	0.7125	13.2422
31.9610	6.0806	7.0465	6.0560	5.0082	25.7678	13.3741	12.7758	-0.6081	1.4248	6.7385	23.7826	-1.1955	22.6831	-5.1294	20.6710	0.0298	1.7415	0.7125	14.0117
32.2962	6.1210	7.1400	6.0761	5.1189	25.7296	13.2632	12.6271	-0.6866	1.5682	6.4824	23.8080	-1.1937	22.7277	-5.3650	20.7136	0.0298	1.7440	1.0000	15.4922
32.6726	6.1732	7.2363	6.1792	5.1195	26.0585	13.3707	12.6695	-0.7204	1.5411	9.2476	23.8108	-1.2112	22.7026	-5.6660	20.7278	0.0300	1.7460	1.0000	16.2617
33.0298	6.2217	7.3092	6.2666	5.2513	26.3408	13.4959	12.7361	-0.7425	1.4625	10.4647	23.7911	-1.2094	22.7138	-5.9800	20.7562	0.0300	1.7481	1.0000	17.0313
32.8622	6.1985	7.2675	6.2515	5.1821	26.5933	13.6525	12.8495	-0.6872	1.3440	12.3422	23.7967	-1.2059	22.7333	-6.5819	20.7136	0.0300	1.7472	1.3375	18.6211
32.5518	6.1533	7.1946	6.1602	5.1060	26.4039	13.6371	12.8407	-0.6911	1.3656	12.3317	23.7995	-1.2059	22.7082	-6.8174	20.6994	0.0300	1.7457	1.3375	19.3906
32.2413	6.1205	7.1161	6.0588	5.0773	26.1498	13.5626	12.7785	-0.7005	1.4193	12.8230	23.8023	-1.2024	22.7138	-7.0921	20.7278	0.0299	1.7429	1.3375	20.2227
31.8099	6.0591	7.0342	6.0722	5.0556	25.7928	13.4507	12.7625	-0.8221	1.4376	13.5246	23.7798	-1.1990	22.7249	-7.6676	20.7420	0.0299	1.7407	1.7250	21.9219
31.9171	6.0699	7.0493	6.0599	4.9590	25.8442	13.4672	12.7928	-0.8509	1.4088	13.8358	23.7826	-1.1868	22.7138	-7.7854	20.7562	0.0297	1.7417	1.7250	22.6914

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33.7996	6.3247	7.3966	6.1534	5.3250	18.3694	10.8433	10.9701	0.2856	3.2288	6.1465	38.8682	-2.0254	37.1366	4.3168	21.0263	0.0496	1.7524	0.0000	0.6016
33.4973	6.2887	7.3409	6.1382	5.2629	18.9407	11.1163	11.3389	0.4670	2.8418	6.1701	39.1588	-2.0393	37.3959	3.9102	20.9979	0.0500	1.7503	0.0500	1.5313
33.3242	6.2709	7.3070	6.1142	5.1522	19.2646	11.3434	11.6698	0.5588	2.5250	6.1509	39.3929	-2.0550	37.6720	3.4643	21.1116	0.0503	1.7487	0.0500	2.3008
33.0275	6.2262	7.2502	6.0761	5.0901	19.2496	11.4471	11.7975	0.5311	2.3955	6.0831	39.6243	-2.0690	37.8477	3.1758	21.1116	0.0506	1.7475	0.0500	3.0703
32.7335	6.1810	7.1661	5.9674	5.0234	20.8971	11.6523	12.1751	0.8132	2.0229	6.8173	39.8387	-2.0655	38.0540	2.7301	21.1258	0.0507	1.7464	0.1500	4.0586
32.4670	6.1487	7.0960	5.9512	4.9736	21.5781	11.7697	12.3414	0.8922	1.8772	6.8332	39.9571	-2.0568	38.1739	2.5989	21.1116	0.0507	1.7445	0.1500	4.8281
32.5494	6.1525	7.1261	5.9948	5.0977	21.7408	11.8227	12.3981	0.8917	1.8069	6.5755	40.0418	-2.0881	38.2520	2.3892	21.0121	0.0511	1.7458	0.1500	5.6016
32.8846	6.2020	7.2012	6.0593	4.9478	23.4249	12.1403	12.4818	0.7800	1.7277	6.3359	39.9995	-2.0637	38.1851	1.9828	20.8983	0.0508	1.7472	0.2875	6.7500
33.0055	6.2165	7.2257	6.0346	5.0808	23.9978	12.4144	12.5313	0.6179	1.6707	6.1850	39.8161	-2.0550	38.0679	1.7993	20.7704	0.0506	1.7481	0.2875	7.5195
32.8517	6.1988	7.1940	6.0088	5.0550	24.0892	12.5704	12.5390	0.4896	1.6585	6.1437	39.6102	-2.0498	37.8504	1.4192	20.6852	0.0504	1.7469	0.2875	8.2891
32.5412	6.1530	7.1344	5.9920	4.9390	25.6603	12.9471	12.6513	0.2214	1.5556	6.0121	39.3252	-2.0289	37.5744	1.0391	20.5857	0.0499	1.7455	0.4750	9.5000
32.3736	6.1347	7.0710	5.9371	4.9583	25.8629	13.1175	12.6739	0.0417	1.5185	7.4253	39.1447	-2.0184	37.3904	0.5804	20.6284	0.0497	1.7441	0.4750	10.2695
32.3434	6.1261	7.0832	5.9478	4.9478	25.8662	13.2040	12.6766	-0.0628	1.5245	7.7645	38.9980	-2.0062	37.2482	0.4756	20.5999	0.0495	1.7444	0.4750	11.0391
32.7060	6.1767	7.1595	5.9848	5.0017	26.3296	13.3265	12.7829	-0.2050	1.4249	7.4308	38.8457	-2.0010	37.1143	-0.1534	20.6141	0.0493	1.7463	0.7125	12.4102
32.6511	6.1638	7.1439	5.9887	5.0878	26.3462	13.3612	12.8137	-0.2559	1.3928	7.0508	38.9444	-2.0324	37.1868	-0.4547	20.7420	0.0497	1.7466	0.7125	13.1797
32.5934	6.1627	7.1350	6.0116	4.9613	26.3146	13.3640	12.8154	-0.2824	1.3950	6.7220	39.0911	-2.0376	37.3095	-0.8085	20.8273	0.0499	1.7456	0.7125	13.9492
32.4148	6.1385	7.1066	5.9713	4.9888	25.8446	13.2868	12.6684	-0.5235	1.5323	7.8670	39.2942	-2.0515	37.5605	-1.2276	20.9694	0.0502	1.7445	1.0000	15.4297
32.3159	6.1245	7.0832	5.9814	4.9437	25.7749	13.2950	12.6243	-0.6175	1.5749	10.1822	39.4042	-2.0498	37.6469	-1.5813	20.9268	0.0503	1.7440	1.0000	16.1992
32.4148	6.1347	7.0932	5.9355	5.0081	25.8081	13.3143	12.6161	-0.6568	1.5976	11.0513	39.4945	-2.0620	37.7389	-1.9087	20.9126	0.0505	1.7449	1.0000	17.0195
32.7115	6.1794	7.1734	5.9892	5.0011	26.3346	13.4075	12.6904	-0.5147	1.5068	12.2552	39.5989	-2.0550	37.8337	-2.4457	20.8557	0.0504	1.7462	1.3375	18.6094
32.5961	6.1595	7.1400	5.9808	5.0034	26.2947	13.4070	12.7047	-0.4887	1.4941	12.4254	39.6130	-2.0480	37.8170	-2.7600	20.8415	0.0504	1.7460	1.3375	19.3789
32.3049	6.1256	7.0743	5.9159	4.9454	26.1153	13.3800	12.6728	-0.5008	1.5312	12.8930	39.5735	-2.0463	37.7835	-3.1397	20.8131	0.0503	1.7437	1.3375	20.1484
32.1290	6.0970	7.0448	5.8879	4.8710	25.9941	13.3469	12.7207	-0.6109	1.4731	13.6232	39.4719	-2.0585	37.7166	-3.8074	20.7989	0.0504	1.7432	1.7250	21.8594
32.0851	6.0949	7.0158	5.8823	4.8646	26.0174	13.3982	12.7691	-0.6485	1.4409	13.9305	39.4381	-2.0515	37.6469	-4.0430	20.7420	0.0503	1.7425	1.7250	22.6211

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32.4236	6.1373	7.0637	5.8455	4.9346	18.0815	10.3262	10.8527	0.8682	3.3380	5.7584	57.1636	-3.0380	54.8365	3.3463	20.7562	0.0737	1.7448	0.0000	0.6016
32.3467	6.1297	7.0409	5.8208	4.9452	18.7043	10.6411	11.2501	1.0247	2.9283	5.8636	57.7137	-3.0816	55.3356	2.9005	21.1400	0.0746	1.7441	0.0500	1.4805
32.1791	6.1077	7.0192	5.7866	4.8567	19.0614	10.8947	11.5837	1.0960	2.6088	5.9011	58.2243	-3.0990	55.8375	2.5727	21.3676	0.0751	1.7430	0.0500	2.2500
31.9071	6.0721	6.9574	5.7816	4.7999	19.0614	11.0172	11.7164	1.0430	2.4715	6.4232	58.5543	-3.1287	56.1582	2.2319	21.3818	0.0757	1.7413	0.0500	3.0820
31.6296	6.0323	6.8928	5.7133	4.7079	20.5760	11.1738	11.9537	1.2526	2.2472	6.9860	58.7349	-3.1304	56.3840	1.9172	21.3534	0.0758	1.7399	0.1500	4.0625
31.7450	6.0485	6.9240	5.7452	4.7542	21.2686	11.2416	12.0368	1.3477	2.1620	6.9662	58.8336	-3.1287	56.4342	1.7993	21.1685	0.0758	1.7405	0.1500	4.8320
32.4374	6.1378	7.0732	5.8561	4.9188	21.7535	11.3558	12.1541	1.4273	2.0485	6.4044	58.8393	-3.1025	56.4593	1.6289	21.1685	0.0755	1.7451	0.1500	5.6016
33.1408	6.2309	7.2346	5.9519	4.9376	23.4226	11.8102	12.3209	1.3128	1.8807	6.3295	58.6305	-3.1025	56.2697	1.2357	20.9979	0.0754	1.7493	0.2875	6.7031
33.2369	6.2476	7.2541	5.9754	5.0770	23.9657	12.1537	12.3963	1.1209	1.8093	6.2271	58.5036	-3.1060	56.1498	0.7114	20.8841	0.0753	1.7494	0.2875	7.4727
33.0968	6.2261	7.2285	5.9721	4.9926	24.0404	12.3462	12.4112	0.9600	1.7866	6.1208	58.4189	-3.0921	56.0522	0.4625	20.8699	0.0751	1.7489	0.2875	8.2422
32.7066	6.1685	7.1361	5.8931	4.8485	25.2428	12.6770	12.4745	0.5784	1.7345	6.1825	58.2948	-3.1147	55.9072	-0.2058	20.8699	0.0753	1.7472	0.4750	9.5000
32.4456	6.1416	7.0787	5.8505	4.9089	25.3657	12.8199	12.4745	0.3583	1.7284	7.0312	58.2356	-3.1078	55.8431	-0.5988	20.8841	0.0752	1.7448	0.4750	10.2695
32.1846	6.1028	7.0008	5.7984	4.8561	25.2312	12.8662	12.4387	0.2355	1.7611	7.6629	58.1876	-3.0903	55.7789	-0.8740	20.8841	0.0750	1.7437	0.4750	11.0430
31.7752	6.0474	6.9167	5.7273	4.7466	25.4405	12.9004	12.4491	0.0215	1.7484	7.1722	58.1114	-3.0712	55.7176	-1.3062	20.9410	0.0747	1.7413	0.7125	12.4102
31.4592	6.0119	6.8494	5.6662	4.6757	25.3093	12.8656	12.4348	-0.0686	1.7689	6.7580	58.0776	-3.0921	55.6897	-1.6730	20.9410	0.0749	1.7386	0.7125	13.1797
31.2971	5.9817	6.8099	5.6545	4.6757	25.1233	12.8110	12.3875	-0.1112	1.8204	8.0181	58.0381	-3.0956	55.6758	-2.1183	20.8841	0.0749	1.7385	0.7125	13.9531
31.2120	5.9683	6.7876	5.6348	4.6148	24.7097	12.6980	12.2752	-0.2766	1.9211	10.3758	58.0071	-3.0694	55.6256	-2.4588	20.9552	0.0746	1.7382	1.0000	15.4297
31.3823	5.9914	6.8310	5.6645	4.6470	24.8393	12.7482	12.2851	-0.3562	1.9101	11.1903	57.9958	-3.0659	55.6144	-2.6552	20.9694	0.0745	1.7392	1.0000	16.2031
31.7230	6.0404	6.9123	5.7290	4.7068	25.0834	12.8342	12.3308	-0.3772	1.8674	11.6590	58.0071	-3.0799	55.6061	-2.7992	20.9268	0.0747	1.7409	1.0000	16.9727
32.0390	6.0861	6.9925	5.7682	4.7683	25.8291	13.0779	12.5196	-0.2379	1.6698	12.0511	57.9930	-3.0729	55.6172	-3.4932	20.9694	0.0746	1.7425	1.3375	18.5625
31.9895	6.0695	6.9613	5.7782	4.7501	25.8441	13.1281	12.5686	-0.2036	1.6332	12.6030	57.9873	-3.0921	55.6005	-3.9121	20.9552	0.0749	1.7433	1.3375	19.3906
31.8439	6.0560	6.9390	5.7452	4.7378	25.7444	13.1369	12.5675	-0.2080	1.6271	13.1003	58.0099	-3.0799	55.6172	-4.2656	20.9836	0.0747	1.7417	1.3375	20.1602
31.7285	6.0361	6.9162	5.7228	4.8046	25.6464	13.1612	12.6748	-0.1936	1.5180	13.7380	57.9873	-3.0851	55.6033	-4.9593	20.8841	0.0748	1.7415	1.7250	21.8633
31.6406	6.0259	6.8900	5.7351	4.7144	25.6481	13.2048	12.7172	-0.2157	1.4876	14.0250	58.0014	-3.0903	55.6005	-5.2341	20.9410	0.0748	1.7408	1.7250	22.6328

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34.3236	6.4467	7.6318	6.7052	14.2500	15.2933	9.5016	9.8273	-0.7400	4.4084	6.7568	21.0776	-1.3384	19.8918	13.1792	21.9654	0.0298	1.7500	0.0000	0.6094
34.0544	6.4165	7.5789	6.7013	14.2500	16.2001	9.9086	10.0073	-0.8246	4.2285	6.2623	21.0720	-1.3471	19.8583	12.7060	21.8942	0.0299	1.7479	0.0500	1.4883
33.8840	6.3864	7.5355	6.6582	14.2500	16.6768	10.2543	10.1256	-0.9634	4.1034	5.7776	21.0663	-1.3471	19.8639	12.3775	21.9085	0.0299	1.7477	0.0500	2.2500
33.5955	6.3508	7.4703	6.6151	14.2500	16.6668	10.4286	10.1581	-1.1000	4.0724	5.4720	21.0551	-1.3593	19.8416	11.9833	21.9369	0.0301	1.7457	0.0500	3.0195
33.2741	6.3105	7.4592	6.6543	14.2500	20.0067	11.7918	11.1914	-1.2245	2.9960	5.6273	21.0466	-1.3523	19.8276	11.5629	21.9085	0.0300	1.7436	0.1500	4.0703
33.1065	6.2776	7.4035	6.6123	14.2500	21.6741	13.0524	11.9858	-1.6431	2.2441	7.4293	21.0269	-1.3384	19.8053	11.2081	21.9939	0.0298	1.7437	0.1500	4.8398
32.8674	6.2443	7.3596	6.5803	14.2500	21.9398	13.7737	12.3023	-2.0761	1.9324	7.9723	21.0212	-1.3663	19.7998	11.1030	21.9512	0.0301	1.7424	0.1500	5.6094
32.7630	6.2303	7.4019	6.6621	14.2500	25.9008	15.2974	13.6758	-2.6247	0.5199	7.2354	21.0381	-1.3453	19.7747	10.8009	21.9797	0.0299	1.7418	0.2875	6.6992
33.0378	6.2652	7.4653	6.7086	14.2500	27.2726	16.2442	14.3711	-3.0511	-0.1362	6.9424	21.0184	-1.3558	19.7858	10.4857	21.9085	0.0300	1.7436	0.2875	7.4688
33.1202	6.2814	7.4598	6.7164	14.2500	27.5898	16.7885	14.6612	-3.3581	-0.4224	6.6869	21.0184	-1.3506	19.7942	10.3018	22.0224	0.0299	1.7436	0.2875	8.2383
33.0790	6.2669	7.4932	6.8066	14.2500	28.2276	17.1866	15.1396	-3.1722	-0.8975	6.8317	21.0015	-1.3593	19.7970	9.8027	22.0082	0.0300	1.7443	0.4750	9.4492
33.0240	6.2658	7.4726	6.7764	14.2500	28.2342	17.2440	15.2850	-3.0727	-1.0370	6.9821	20.9845	-1.3576	19.7858	9.3562	21.9512	0.0300	1.7433	0.4750	10.2188
32.8317	6.2448	7.4564	6.7573	14.2500	28.1512	17.2484	15.3169	-3.0434	-1.0702	6.6489	20.9733	-1.3384	19.7635	9.1986	22.0224	0.0298	1.7416	0.4750	10.9883
33.0076	6.2609	7.5193	6.8727	14.2500	27.9668	17.0355	15.3070	-2.8421	-1.0619	6.3141	20.9479	-1.3419	19.7468	8.7653	21.8942	0.0298	1.7435	0.7125	12.3594
33.2191	6.2862	7.5544	6.8912	14.2500	28.0499	16.9357	15.3070	-2.7248	-1.0636	6.0635	20.8999	-1.3576	19.7133	8.4502	21.9085	0.0299	1.7450	0.7125	13.1289
33.5131	6.3304	7.6396	6.9674	14.2500	28.2541	16.9445	15.3565	-2.6540	-1.1101	6.0739	20.9056	-1.3576	19.7077	8.1877	21.9369	0.0299	1.7462	0.7125	13.8984
33.7302	6.3600	7.6925	7.0559	14.2500	28.2923	16.7631	15.2844	-2.4295	-1.0387	6.2672	20.8886	-1.3349	19.6548	7.5970	21.9085	0.0297	1.7474	1.0000	15.3789
33.6505	6.3471	7.6819	7.0486	14.2500	28.2242	16.6550	15.2453	-2.3388	-0.9994	7.7239	20.8773	-1.3419	19.6492	7.2557	21.9939	0.0297	1.7472	1.0000	16.1484
33.4087	6.3126	7.6134	6.9881	14.2500	28.0964	16.5547	15.1919	-2.2990	-0.9412	9.7941	20.8604	-1.3541	19.6520	6.9539	21.9085	0.0299	1.7460	1.0000	16.9219
33.1010	6.2728	7.5572	7.0156	14.2500	27.6446	16.1648	14.7823	-1.9307	-0.5315	11.2960	20.8407	-1.3593	19.6297	6.2452	21.8800	0.0299	1.7441	1.3375	18.4609
32.9004	6.2453	7.4959	6.9808	14.2500	27.4885	15.8951	14.5996	-1.7576	-0.3510	12.1816	20.8209	-1.3471	19.6129	5.9959	21.9369	0.0298	1.7430	1.3375	19.2305
32.7136	6.2211	7.4787	6.9528	14.2500	27.3224	15.7319	14.5143	-1.6641	-0.2696	12.6530	20.8181	-1.3732	19.6157	5.6548	21.9654	0.0300	1.7418	1.3375	20.0000
32.5322	6.2001	7.4069	6.9685	14.2500	26.3957	14.9207	13.4589	-1.6260	0.7857	13.6587	20.7927	-1.3576	19.6101	4.9988	21.8942	0.0299	1.7403	1.7250	21.7500
32.8180	6.2303	7.4759	7.0156	14.2500	26.5502	14.8148	13.3153	-1.6265	0.9313	14.1037	20.8181	-1.3506	19.5655	4.9333	21.9797	0.0298	1.7429	1.7250	22.5195

Run 185

34.7550	6.5236	7.6249	6.5185	14.2500	12.5207	7.9648	9.3580	0.0561	4.8625	6.8985	36.8047	-2.1522	34.9495	13.8495	23.9488	0.0499	1.7504	0.0000	0.5977
34.6616	6.5096	7.6104	6.5325	14.2500	12.8462	7.9781	9.3822	0.1236	4.8509	6.4001	36.8442	-2.1557	34.9244	13.3632	23.9202	0.0499	1.7500	0.0500	1.4805
34.4638	6.4837	7.5620	6.5062	14.2500	13.0737	8.0183	9.3772	0.1385	4.8487	5.9435	36.8245	-2.1592	34.9523	12.9820	23.9202	0.0500	1.7489	0.0500	2.2500
34.2165	6.4498	7.4980	6.4692	14.2500	13.1285	8.0244	9.3585	0.1247	4.8620	5.6329	36.8329	-2.1609	34.9356	12.6272	23.8201	0.0500	1.7476	0.0500	3.0195
33.9912	6.4192	7.4902	6.5168	14.2500	15.3623	8.5996	9.5606	0.0777	4.6571	6.1600	36.8273	-2.1313	34.9467	12.2198	23.8058	0.0496	1.7464	0.1500	4.0586
33.7714	6.3879	7.4573	6.5000	14.2500	16.9600	9.2663	9.7510	-0.1369	4.4683	7.3903	36.8329	-2.1470	34.9523	12.0490	23.8058	0.0498	1.7453	0.1500	4.8281
33.7275	6.3836	7.4585	6.4916	14.2500	17.3884	9.7107	9.8507	-0.3725	4.3697	8.3536	36.8499	-2.1487	34.9579	11.8519	23.8201	0.0498	1.7449	0.1500	5.5977
33.7797	6.3879	7.5136	6.6216	14.2500	23.4785	12.1945	11.6646	-1.1025	2.4972	7.4586	36.8414	-2.1505	34.9551	11.3526	23.8201	0.0499	1.7455	0.2875	6.6992
33.7961	6.3863	7.5347	6.6305	14.2500	26.1723	14.3633	12.9930	-2.1361	1.2121	7.1084	36.8442	-2.1400	34.9495	11.2870	23.7915	0.0497	1.7460	0.2875	7.4688
33.7604	6.3799	7.5169	6.6154	14.2500	26.6540	15.6785	13.5682	-3.0165	0.6568	6.8897	36.8696	-2.1505	34.9579	10.9454	23.8058	0.0499	1.7459	0.2875	8.2383
33.6175	6.3621	7.5292	6.6815	14.2500	28.5606	17.2739	14.9005	-3.5552	-0.6876	6.7239	36.8724	-2.1714	34.9607	10.4331	23.8201	0.0501	1.7450	0.4750	9.5000
33.5131	6.3503	7.5119	6.6641	14.2500	28.7648	17.8115	15.3673	-3.7200	-1.1432	7.1458	36.8612	-2.1627	34.9941	10.2624	23.8201	0.0500	1.7441	0.4750	10.2695
33.3922	6.3346	7.4835	6.6412	14.2500	28.6951	18.0310	15.5225	-3.8555	-1.2927	6.7322	36.8922	-2.1505	34.9885	9.9078	23.8344	0.0499	1.7434	0.4750	11.0391
33.1642	6.3023	7.4774	6.6462	14.2500	28.5008	17.9406	15.7284	-3.6862	-1.5004	6.3803	36.8781	-2.1644	35.0164	9.4744	23.8344	0.0501	1.7422	0.7125	12.3594
32.9856	6.2819	7.4568	6.6574	14.2500	28.3546	17.8242	15.7675	-3.5237	-1.5375	6.0730	36.8922	-2.1627	35.0081	9.3299	23.8058	0.0500	1.7408	0.7125	13.1289
32.8757	6.2609	7.4078	6.6092	14.2500	28.2467	17.7239	15.7460	-3.4899	-1.5109	5.9893	36.9204	-2.1662	35.0248	9.0805	23.8058	0.0501	1.7408	0.7125	13.9492
32.5982	6.2243	7.3855	6.6322	14.2500	27.8331	17.3257	15.5952	-3.2184	-1.3570	6.2800	36.8894	-2.1487	35.0220	8.6209	23.8201	0.0499	1.7391	1.0000	15.3789
32.8482	6.2614	7.4523	6.6944	14.2500	27.9145	17.2292	15.5968	-3.1183	-1.3669	8.3315	36.8640	-2.1714	35.0025	8.4109	23.8344	0.0501	1.7402	1.0000	16.1484
33.2714	6.3163	7.5542	6.7706	14.2500	28.2234	17.2816	15.6970	-3.0281	-1.4721	9.5586	36.8696	-2.1696	34.9718	8.2008	23.8201	0.0501	1.7429	1.0000	16.9180
33.3098	6.3136	7.6015	6.8714	14.2500	28.9608	17.6682	16.1341	-2.4939	-1.8985	11.0312	36.8499	-2.1557	34.9356	7.6889	23.8201	0.0499	1.7439	1.3375	18.5078
33.1807	6.2943	7.5765	6.8602	14.2500	28.9608	17.7614	16.2272	-2.3805	-1.9943	12.0391	36.8104	-2.1522	34.9467	7.3870	23.8058	0.0499	1.7434	1.3375	19.2773
33.0461	6.2813	7.5542	6.8243	14.2500	28.8462	17.7718	16.2343	-2.3734	-1.9909	12.6394	36.8104	-2.1679	34.9133	6.9932	23.8487	0.0500	1.7421	1.3375	20.0977
32.7136	6.2313	7.4813	6.8383	14.2500	26.8948	16.4065	14.4876	-2.3739	-0.2125	13.6814	36.8245	-2.1574	34.9439	6.4552	23.8058	0.0499	1.7407	1.7250	21.8086
32.8125	6.2485	7.4946	6.8512	14.2500	26.7802	15.6554	13.6827	-2.1909	0.5599	14.0873	36.8245	-2.1505	34.9216	6.3371	23.8201	0.0499	1.7409	1.7250	22.5703

Run 186

33.9452	6.4041	7.3941	6.2405	14.2500	11.1081	6.8388	8.9766	0.8303	5.2473	6.5348	54.4060	-3.2902	51.7211	8.6209	24.5495	0.0749	1.7470	0.0000	0.6133
33.8051	6.3923	7.3691	6.2708	14.2500	11.3639	6.9011	8.9717	0.7734	5.2534	6.2065	54.2367	-3.2693	51.5678	8.2008	24.2920	0.0746	1.7455	0.0500	1.4922
33.6595	6.3686	7.3474	6.2428	14.2500	11.5615	6.9750	8.9419	0.6810	5.2872	5.8160	54.1549	-3.2833	51.4674	7.9908	24.1775	0.0747	1.7451	0.0500	2.3125
33.4479	6.3422	7.2989	6.2192	14.2500	11.5714	7.0208	8.9056	0.6086	5.3182	5.5390	54.1521	-3.2920	51.4451	7.8333	24.1775	0.0748	1.7437	0.0500	3.0820
33.2665	6.3121	7.2884	6.2501	14.2500	13.0396	7.4272	8.9386	0.3879	5.2944	6.6576	54.1803	-3.2693	51.4813	7.5445	24.2204	0.0745	1.7433	0.1500	4.0703
33.0825	6.2900	7.2505	6.2304	14.2500	14.1224	7.8888	8.9722	0.1208	5.2484	6.7093	54.1803	-3.3024	51.4618	7.3345	24.1346	0.0749	1.7419	0.1500	4.8398
33.1292	6.2900	7.2527	6.2456	14.2500	14.5144	8.2252	8.9970	-0.1330	5.2235	8.0074	54.2113	-3.3094	51.4785	7.0589	24.2061	0.0750	1.7428	0.1500	5.6133
33.4561	6.3374	7.4069	6.4315	14.2500	20.4002	10.3742	10.2252	-0.6883	3.9484	7.4055	54.2254	-3.3164	51.5064	6.8357	24.2061	0.0751	1.7444	0.2875	6.7617
33.9012	6.3923	7.5016	6.5172	14.2500	23.9244	12.5767	11.3994	-1.6030	2.8100	7.0150	54.2226	-3.3269	51.5259	6.7570	24.1775	0.0753	1.7474	0.2875	7.5313
33.9809	6.4084	7.5328	6.5279	14.2500	24.8893	14.0595	12.0435	-2.4790	2.1727	7.0012	54.2593	-3.3164	51.5120	6.4552	24.2347	0.0752	1.7473	0.2875	8.3008
34.3408	6.4537	7.6825	6.6909	14.2500	28.8619	16.8063	14.4629	-3.4468	-0.2701	6.7220	54.2508	-3.3391	51.5232	6.0615	24.1775	0.0754	1.7496	0.4750	9.5000
34.3381	6.4585	7.6736	6.6903	14.2500	29.4814	17.9831	15.3658	-3.9556	-1.1333	7.0541	54.2649	-3.3303	51.5399	5.6810	24.2347	0.0753	1.7490	0.4750	10.2734
34.0524	6.4187	7.6057	6.6377	14.2500	29.3884	18.5003	15.6674	-4.2990	-1.4206	6.8432	54.2960	-3.3356	51.5538	5.4842	24.1918	0.0754	1.7476	0.4750	11.0430
32.8627	6.2653	7.3791	6.4881	14.2500	28.5547	18.4027	15.8810	-4.2476	-1.6454	6.3855	54.2649	-3.3478	51.5232	5.0120	24.2061	0.0755	1.7401	0.7125	12.4219
32.5247	6.2114	7.3028	6.4455	14.2500	28.1694	18.1590	15.8348	-4.1414	-1.5890	6.0413	54.2170	-3.3216	51.4785	4.8021	24.1775	0.0752	1.7390	0.7125	13.1797
32.4203	6.1931	7.2767	6.4209	14.2500	27.9867	17.9886	15.7720	-4.0612	-1.5325	5.9267	54.1747	-3.3338	51.4311	4.6447	24.1203	0.0753	1.7388	0.7125	13.9531
33.7501	6.3691	7.6268	6.7256	14.2500	28.7955	18.0106	16.0803	-3.7211	-1.8320	6.2054	54.1352	-3.3269	51.3977	4.5266	24.2204	0.0752	1.7468	1.0000	15.4414
33.8573	6.3858	7.6313	6.7413	14.2500	29.0413	18.0972	16.2257	-3.6630	-1.9876	7.5239	54.1182	-3.3391	51.3977	4.1594	24.0917	0.0753	1.7472	1.0000	16.2109
33.8188	6.3826	7.6396	6.7245	14.2500	29.0513	18.1314	16.2746	-3.7106	-2.0302	9.6475	54.1041	-3.3425	51.3698	3.8971	24.1489	0.0754	1.7468	1.0000	16.9727
33.4451	6.3352	7.6101	6.7755	14.2500	29.3568	18.3299	16.6446	-3.0392	-2.4029	11.2226	54.1182	-3.3408	51.3586	3.3856	24.2061	0.0753	1.7444	1.3375	18.5703
33.0770	6.2846	7.5350	6.7099	14.2500	29.1891	18.3101	16.6875	-2.8855	-2.4394	12.2877	54.1380	-3.3547	51.3670	2.8743	24.1918	0.0755	1.7424	1.3375	19.3398
32.8407	6.2550	7.4726	6.6674	14.2500	28.9284	18.2152	16.6314	-2.8401	-2.3890	12.8082	54.1041	-3.3617	51.3670	2.8874	24.0917	0.0756	1.7407	1.3375	20.1133
32.5412	6.2157	7.4398	6.6881	14.2500	27.4021	18.1342	17.0057	-2.2346	-2.7672	13.8292	54.1408	-3.3286	51.4005	2.4285	24.2061	0.0752	1.7389	1.7250	21.8125
33.0907	6.2895	7.5650	6.7900	14.2500	26.9769	18.0024	17.2226	-2.0122	-2.9804	14.2671	54.1521	-3.3478	51.3782	2.2843	24.2061	0.0754	1.7421	1.7250	22.5820

Run 187

34.0431	6.4335	7.7756	6.8439	14.2500	6.8914	6.6658	8.6318	0.1230	5.5988	6.3262	22.8768	-1.2590	21.7363	10.0522	24.0774	0.0301	1.7459	0.0000	0.5977
33.8810	6.4168	7.7216	6.8428	14.2500	6.9943	6.6543	8.6610	0.1889	5.5640	6.0767	22.8120	-1.2713	21.6861	9.6188	24.1060	0.0302	1.7445	0.0500	1.4805
33.5595	6.3807	7.6348	6.7912	14.2500	7.0491	6.6642	8.6682	0.1933	5.5584	5.6929	22.7809	-1.2625	21.6220	9.2906	24.1060	0.0300	1.7419	0.0500	2.2500
33.1748	6.3285	7.5524	6.7167	14.2500	7.0558	6.6427	8.6527	0.1955	5.5667	5.4401	22.7330	-1.2590	21.5997	8.9885	24.1918	0.0300	1.7397	0.0500	3.0195
32.9440	6.3011	7.5034	6.7431	14.2500	8.2632	6.9201	8.7893	-0.0982	5.4344	7.0549	22.7189	-1.2468	21.5802	8.8310	24.1346	0.0298	1.7380	0.1500	4.0586
33.1254	6.3194	7.5441	6.7744	14.2500	9.3809	7.2564	8.9363	-0.4145	5.2810	7.1529	22.6596	-1.2660	21.5774	8.8310	24.1775	0.0300	1.7397	0.1500	4.8281
33.4936	6.3791	7.6459	6.8691	14.2500	10.0386	7.5415	9.0524	-0.6263	5.1703	8.0341	22.6709	-1.2521	21.5356	8.5947	24.1203	0.0298	1.7408	0.1500	5.5977
33.7518	6.4028	7.7450	6.9296	14.2500	16.0888	9.1843	10.7337	-0.5887	3.4406	7.4740	22.6653	-1.2503	21.5328	8.2402	24.2061	0.0298	1.7434	0.2875	6.6992
33.7793	6.4152	7.7472	6.9167	14.2500	19.8405	10.6832	12.0026	-0.7115	2.1871	7.2195	22.6173	-1.2608	21.4937	7.9251	24.2347	0.0299	1.7427	0.2875	7.4688
33.6584	6.3834	7.7216	6.9094	14.2500	20.8254	11.6664	12.5872	-1.1036	1.6411	6.9959	22.6568	-1.2468	21.5216	7.7020	24.1918	0.0298	1.7436	0.2875	8.2383
33.5320	6.3694	7.6604	6.7688	14.2500	26.2894	13.0891	13.9145	0.4333	0.3068	6.7988	22.6342	-1.2486	21.4854	7.4526	24.2061	0.0298	1.7425	0.4750	9.5000
33.5403	6.3780	7.6949	6.8204	14.2500	27.3739	13.6500	14.2866	0.7734	-0.0526	6.7387	22.6060	-1.2573	21.5077	7.2163	24.1632	0.0299	1.7418	0.4750	10.2695
33.4743	6.3560	7.6610	6.7839	14.2500	27.5831	13.9930	14.4303	0.8143	-0.1938	6.6936	22.6258	-1.2434	21.4770	6.9932	24.2204	0.0297	1.7428	0.4750	11.0391
33.6941	6.3969	7.7690	6.8904	14.2500	27.0783	14.1843	14.2101	0.0141	0.0188	6.4738	22.6399	-1.2590	21.5105	6.7176	24.2490	0.0299	1.7429	0.7125	12.3594
33.7381	6.3974	7.7684	6.8741	14.2500	27.0733	14.2279	14.1385	-0.2591	0.0947	6.3653	22.6371	-1.2695	21.5021	6.5733	24.2204	0.0300	1.7437	0.7125	13.1289
33.7381	6.4001	7.7690	6.8870	14.2500	27.0683	14.2477	14.1115	-0.3625	0.1263	6.3890	22.6681	-1.2625	21.5244	6.1403	24.3063	0.0300	1.7434	0.7125	13.9492
33.5045	6.3624	7.7857	6.9654	14.2500	26.5717	14.1452	13.9172	-0.8121	0.3195	6.3191	22.6794	-1.2590	21.5467	5.7729	24.2490	0.0299	1.7427	1.0000	15.3789
33.3672	6.3425	7.7617	6.8993	14.2500	26.4206	14.0647	13.8258	-0.9493	0.4081	6.7850	22.6963	-1.2608	21.5690	5.5105	24.2634	0.0300	1.7421	1.0000	16.1484
33.1968	6.3188	7.7033	6.8949	14.2500	26.2877	13.9902	13.7697	-0.9764	0.4668	9.5354	22.7076	-1.2556	21.5830	5.2612	24.2490	0.0299	1.7412	1.0000	16.9688
32.9962	6.2854	7.7294	6.9329	14.2500	26.4123	14.1722	13.8462	-1.3668	0.3782	12.1447	22.7612	-1.2747	21.5913	4.9070	24.2490	0.0302	1.7407	1.3375	18.5078
33.0897	6.2973	7.7356	6.9329	14.2500	26.5285	14.3282	13.9002	-1.5432	0.3311	12.7517	22.7612	-1.2800	21.6081	4.6316	24.3635	0.0302	1.7413	1.3375	19.3281
33.1913	6.3177	7.7645	6.9643	14.2500	26.6166	14.4325	13.9359	-1.6372	0.2929	13.1702	22.7725	-1.2730	21.6415	4.4479	24.3063	0.0302	1.7412	1.3375	20.0977
33.1913	6.3118	7.6303	6.9923	14.2500	25.6267	14.7082	13.7405	-2.9496	0.4850	14.4710	22.8120	-1.2817	21.6666	4.0938	24.2920	0.0303	1.7418	1.7250	21.8008
33.1281	6.3032	7.6331	6.9778	14.2500	25.5802	14.8880	13.6893	-3.6138	0.5399	14.8571	22.8232	-1.2434	21.7001	3.7791	24.3063	0.0298	1.7414	1.7250	22.5703

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34.2561	6.4774	7.7389	6.5690	14.2500	6.6158	6.0884	8.3475	0.5111	5.8896	6.4271	37.0926	-2.1287	35.2263	4.2118	24.4493	0.0498	1.7455	0.0000	0.6094
33.6159	6.3897	7.5474	6.4738	14.2500	6.5676	6.0635	8.3244	0.4884	5.9112	6.0444	37.1096	-2.1478	35.2403	3.9627	24.4637	0.0500	1.7421	0.0500	1.4766
33.3054	6.3498	7.4767	6.4200	14.2500	6.5211	6.0398	8.2925	0.4674	5.9528	5.6985	37.1237	-2.1496	35.2542	3.7004	24.4493	0.0500	1.7401	0.0500	2.2500
32.9318	6.2939	7.3870	6.3657	14.2500	6.4680	5.9996	8.2611	0.4530	5.9827	5.4275	37.1265	-2.1548	35.2235	3.4906	24.4923	0.0501	1.7385	0.0500	3.0195
32.8081	6.2729	7.3492	6.4323	14.2500	6.8948	6.0470	8.3128	0.3911	5.9195	6.6237	37.1462	-2.1618	35.2737	3.4119	24.4637	0.0502	1.7382	0.1500	4.0703
33.6296	6.3854	7.5396	6.5668	14.2500	7.4279	6.1678	8.4224	0.3407	5.8188	6.7471	37.1575	-2.1409	35.2626	3.3856	24.4637	0.0500	1.7428	0.1500	4.8398
33.9539	6.4381	7.6142	6.6491	14.2500	7.7833	6.2946	8.5143	0.2965	5.7258	8.1316	37.1716	-2.1583	35.2904	3.2021	24.4637	0.0502	1.7437	0.1500	5.5977
33.8275	6.4160	7.5886	6.6418	14.2500	11.0235	7.2514	9.2751	-0.2046	4.9406	7.4999	37.1885	-2.1531	35.2793	2.7825	24.4637	0.0501	1.7435	0.2875	6.6992
33.6956	6.3988	7.5874	6.6581	14.2500	13.3088	8.1910	9.8697	-0.7797	4.3626	7.0935	37.1829	-2.1565	35.2877	2.6383	24.4493	0.0502	1.7427	0.2875	7.4688
33.4785	6.3708	7.5407	6.6373	14.2500	14.1010	8.8263	10.1603	-1.2420	4.0819	6.8743	37.1688	-2.1548	35.2514	2.3892	24.4637	0.0501	1.7413	0.2875	8.2969
33.2230	6.3321	7.5129	6.5320	14.2500	23.1855	10.9334	12.4757	0.8407	1.7121	6.6309	37.1265	-2.1496	35.2403	2.0746	24.4207	0.0500	1.7403	0.4750	9.5000
33.0994	6.3111	7.4900	6.5180	14.2500	26.2646	12.2001	13.5542	1.5917	0.6867	6.6805	37.1265	-2.1565	35.2570	1.8779	24.4493	0.0501	1.7400	0.4750	10.2695
33.1021	6.3127	7.4861	6.5214	14.2500	26.7246	12.9710	13.9665	1.4905	0.2875	6.4552	37.1208	-2.1374	35.2458	1.7075	24.4493	0.0499	1.7399	0.4750	11.0391
33.2752	6.3342	7.5847	6.6021	14.2500	27.1016	13.6228	14.1157	1.0652	0.1402	6.4414	37.0672	-2.1531	35.1705	1.4847	24.4064	0.0500	1.7411	0.7125	12.4102
33.3329	6.3428	7.5947	6.6155	14.2500	27.1581	13.7976	14.1328	0.8562	0.1214	6.2498	37.0588	-2.1478	35.1956	1.2357	24.4493	0.0500	1.7414	0.7125	13.1797
33.5170	6.3654	7.6364	6.6469	14.2500	27.2777	13.9223	14.1691	0.7373	0.0876	6.2795	37.0475	-2.1496	35.1733	0.9866	24.4637	0.0500	1.7426	0.7125	13.9492
33.4456	6.3617	7.7383	6.7477	14.2500	26.9538	13.9702	14.0513	0.1040	0.2072	6.2922	36.9911	-2.1391	35.1315	0.6328	24.3921	0.0498	1.7416	1.0000	15.3789
33.3219	6.3477	7.6932	6.7314	14.2500	26.8691	13.9515	14.0006	-0.1172	0.2560	6.7267	36.9685	-2.1426	35.1008	0.4625	24.4923	0.0498	1.7406	1.0000	16.1484
33.2203	6.3256	7.6838	6.7046	14.2500	26.7545	13.9123	13.9610	-0.1874	0.2991	9.4011	36.9629	-2.1443	35.0953	0.1349	24.4207	0.0499	1.7409	1.0000	16.9688
32.9235	6.2815	7.7071	6.7774	14.2500	26.8259	14.1715	14.0359	-0.5430	0.2155	12.2594	36.9234	-2.1409	35.0646	-0.3761	24.4207	0.0498	1.7396	1.3375	18.5703
32.7120	6.2459	7.6576	6.7348	14.2500	26.7462	14.2923	14.0419	-0.7515	0.2155	12.8514	36.9008	-2.1199	35.0562	-0.5857	24.4493	0.0495	1.7391	1.3375	19.3398
32.5883	6.2212	7.6220	6.7068	14.2500	26.6399	14.3248	14.0183	-0.8477	0.2333	13.1813	36.9008	-2.1339	35.0256	-0.6382	24.3492	0.0497	1.7392	1.3375	20.0977
32.5636	6.2233	7.5134	6.7443	14.2500	27.1631	14.8366	14.3926	-0.8157	-0.1460	14.4497	36.8472	-2.1287	34.9949	-0.9133	24.4064	0.0496	1.7385	1.7250	21.8086
32.6158	6.2379	7.5184	6.7499	14.2500	27.3524	15.1834	14.5578	-0.9534	-0.3099	14.7812	36.8275	-2.1356	34.9558	-1.1621	24.3778	0.0497	1.7380	1.7250	22.5781

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32.7718	6.2565	7.4500	6.2199	14.2500	6.1766	5.5418	7.9846	0.6090	6.2706	6.1173	54.8656	-3.2566	52.1931	0.6459	24.6497	0.0749	1.7392	0.0000	0.6016
32.6674	6.2516	7.3715	6.2323	14.2500	6.1699	5.5451	7.9835	0.6018	6.2684	5.7671	54.7020	-3.2670	52.0370	0.5935	24.6497	0.0749	1.7376	0.0500	1.4805
32.7114	6.2516	7.3682	6.2384	14.2500	6.1583	5.5418	7.9829	0.5968	6.2717	5.5639	54.6286	-3.2444	51.9478	0.3838	24.6211	0.0746	1.7385	0.0500	2.2500
32.8267	6.2732	7.4060	6.2558	14.2500	6.1550	5.5489	7.9851	0.5929	6.2695	5.3959	54.5468	-3.2461	51.9031	0.3838	24.6783	0.0745	1.7386	0.0500	3.0703
32.9586	6.2898	7.3465	6.3230	14.2500	6.4589	5.6250	8.0578	0.5404	6.1870	7.0084	54.4509	-3.2357	51.8334	0.0693	24.7213	0.0743	1.7395	0.1500	4.0625
33.0823	6.3076	7.3760	6.3510	14.2500	6.7910	5.7166	8.1283	0.4735	6.1239	7.8577	54.4481	-3.2339	51.8083	-0.0879	24.7499	0.0743	1.7401	0.1500	4.8320
33.1757	6.3141	7.4077	6.3723	14.2500	6.9754	5.7894	8.1740	0.4248	6.0740	8.0884	54.5186	-3.2392	51.8613	-0.2975	24.7213	0.0744	1.7412	0.1500	5.6016
33.2691	6.3194	7.4205	6.4261	14.2500	8.8537	6.3243	8.5549	0.2268	5.6842	7.3339	54.6399	-3.2392	51.9868	-0.4940	24.8502	0.0745	1.7425	0.2875	6.7500
33.1317	6.3049	7.3899	6.4126	14.2500	10.2156	6.8487	8.8450	-0.0630	5.3930	6.9919	54.7076	-3.2827	52.0230	-0.7299	24.7499	0.0751	1.7413	0.2875	7.5234
33.0081	6.2925	7.3660	6.3992	14.2500	10.8002	7.2292	9.0036	-0.3190	5.2529	6.7000	54.7246	-3.2670	52.0732	-0.7692	24.8645	0.0749	1.7402	0.2875	8.2930
32.7553	6.2484	7.3682	6.3751	14.2500	18.8700	9.2293	11.1528	0.6731	3.0432	6.4632	54.8092	-3.2653	52.1290	-1.1360	24.8645	0.0749	1.7397	0.4750	9.5000
32.6124	6.2403	7.3353	6.3611	14.2500	22.7081	10.7590	12.4585	0.9861	1.7753	6.5155	54.8205	-3.2740	52.1569	-1.0967	24.8502	0.0750	1.7377	0.4750	10.3203
32.7471	6.2473	7.3610	6.3616	14.2500	23.5501	11.7731	13.0388	0.6847	1.2122	6.3674	54.8120	-3.2705	52.1708	-1.3062	24.8645	0.0750	1.7397	0.4750	11.0938
32.8295	6.2780	7.4934	6.4451	14.2500	26.6358	12.9130	13.8535	1.7399	0.4099	6.2749	54.8289	-3.2792	52.1792	-1.5289	24.8358	0.0751	1.7381	0.7125	12.4102
33.0850	6.3006	7.5497	6.4866	14.2500	26.9912	13.2869	14.0517	1.9009	0.2261	6.2198	54.8571	-3.2583	52.2071	-1.5158	24.7499	0.0749	1.7408	0.7125	13.1836
33.1235	6.3221	7.5430	6.4798	14.2500	27.1158	13.5339	14.1453	1.8406	0.1286	6.3090	54.8854	-3.2949	52.2015	-1.7647	24.8072	0.0753	1.7394	0.7125	13.9531
33.3131	6.3221	7.6866	6.6137	14.2500	26.8916	13.7308	14.0897	1.0791	0.1895	6.2495	54.8600	-3.2758	52.1820	-2.0790	24.8502	0.0751	1.7431	1.0000	15.4336
33.4395	6.3421	7.7072	6.6316	14.2500	26.9547	13.7992	14.0957	0.8844	0.1707	8.0201	54.8684	-3.2775	52.2154	-2.2885	24.8502	0.0751	1.7435	1.0000	16.2031
33.4697	6.3496	7.7139	6.6350	14.2500	26.9896	13.8571	14.1167	0.8158	0.1541	10.2412	54.8684	-3.2723	52.1904	-2.5504	24.8072	0.0750	1.7434	1.0000	16.9727
33.3076	6.3302	7.7757	6.7173	14.2500	27.3134	14.2629	14.2747	0.1572	-0.0065	12.5053	54.8910	-3.2758	52.2210	-3.1266	24.8358	0.0751	1.7422	1.3375	18.5625
33.2114	6.3092	7.7440	6.6832	14.2500	27.2736	14.4273	14.3215	-0.0137	-0.0513	13.0516	54.8966	-3.2915	52.2405	-3.3884	24.8215	0.0753	1.7425	1.3375	19.3320
32.9724	6.2802	7.6855	6.6524	14.2500	27.1407	14.4753	14.2972	-0.1122	-0.0325	13.3612	54.9079	-3.2967	52.2210	-3.4277	24.8215	0.0754	1.7407	1.3375	20.1016
32.8432	6.2613	7.5630	6.6669	14.2500	27.6522	14.9473	14.5708	-0.5778	-0.3149	14.6543	54.9136	-3.2932	52.2489	-3.8074	24.8072	0.0753	1.7401	1.7250	21.8633
32.8817	6.2737	7.5792	6.6692	14.2500	27.8997	15.3223	14.7690	-0.7990	-0.5054	15.0409	54.9051	-3.3089	52.2517	-3.9907	24.8502	0.0755	1.7396	1.7250	22.6328

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33.4875	6.3827	7.8377	7.1660	14.2500	9.6436	8.1226	8.8499	-1.0915	5.3657	6.2631	8.4064	-0.2690	8.1742	8.2139	24.2920	0.0084	1.7403	0.0000	0.5977
33.2374	6.3391	7.7798	7.1581	14.2500	10.8609	8.4634	9.1610	-1.4377	5.0473	6.0235	8.4205	-0.2690	8.1575	7.9514	24.3635	0.0084	1.7399	0.0500	1.5391
32.9270	6.2820	7.7225	7.1144	14.2500	11.9222	8.8329	9.4296	-1.8237	4.7860	5.5460	8.3951	-0.2812	8.1268	7.6757	24.2777	0.0086	1.7396	0.0560	2.3086
32.8885	6.2713	7.6924	7.1156	14.2500	12.2344	9.0402	9.5562	-2.0504	4.6647	5.3164	8.4007	-0.2812	8.1212	7.5707	24.2777	0.0086	1.7400	0.0500	3.0781
33.2979	6.3197	7.8316	7.1878	14.2500	16.8912	10.2810	11.1241	-1.6561	3.0397	6.4867	8.4289	-0.2777	8.1630	7.4657	24.3349	0.0086	1.7431	0.1500	4.1172
33.5617	6.3585	7.8989	7.2578	14.2500	19.9471	11.5146	12.3990	-1.3967	1.8088	6.6425	8.4430	-0.2725	8.1937	7.2295	24.3635	0.0085	1.7442	0.1500	4.8867
33.7870	6.3897	7.9412	7.2511	14.2500	20.8439	12.3545	13.0189	-1.4957	1.2025	8.1675	8.4374	-0.2725	8.1798	7.1507	24.3349	0.0085	1.7454	0.1500	5.7070
33.8502	6.4032	7.9741	7.2528	14.2500	25.0690	13.4518	13.8232	-1.2264	0.4003	7.5595	8.4628	-0.2777	8.2132	6.8620	24.3349	0.0086	1.7453	0.2875	6.8086
33.7348	6.3881	7.9323	7.2097	14.2500	26.1651	13.9476	14.0346	-1.3652	0.1982	7.2693	8.4656	-0.2742	8.1909	6.6389	24.3349	0.0085	1.7446	0.2875	7.5781
33.6413	6.3736	7.9095	7.1828	14.2500	26.2415	14.2112	14.0984	-1.5062	0.1373	7.3001	8.4430	-0.2864	8.1909	6.4683	24.3349	0.0087	1.7442	0.2875	8.3984
33.4875	6.3542	7.8956	7.2007	14.2500	25.4908	14.2294	13.8551	-2.1289	0.3936	7.0842	8.4487	-0.2829	8.1909	6.1534	24.3349	0.0086	1.7432	0.4750	9.6094
33.5342	6.3622	7.9045	7.2108	14.2500	25.3264	14.1610	13.7637	-2.2661	0.4706	6.9256	8.4487	-0.2812	8.2132	6.0222	24.4064	0.0086	1.7433	0.4750	10.3789
33.6056	6.3671	7.9284	7.1923	14.2500	25.3679	14.1599	13.7450	-2.3208	0.4949	6.8033	8.4628	-0.2829	8.2272	5.7729	24.3349	0.0086	1.7442	0.4750	11.1992
33.4765	6.3553	7.8834	7.1878	14.2500	25.2218	14.0640	13.5644	-2.6173	0.6633	6.5671	8.4712	-0.2672	8.1853	5.4186	24.3349	0.0084	1.7429	0.7125	12.5195
33.3776	6.3413	7.8561	7.1660	14.2500	25.0706	13.9895	13.5154	-2.6460	0.7264	6.3809	8.4825	-0.2794	8.2049	5.2481	24.3349	0.0086	1.7424	0.7125	13.3477
33.2127	6.3310	7.8277	7.1531	14.2500	25.0108	13.9349	13.4764	-2.6510	0.7585	6.3396	8.4825	-0.2829	8.2244	4.9988	24.3921	0.0087	1.7402	0.7125	14.1172
33.2182	6.3160	7.9056	7.2427	14.2500	25.0856	13.7860	13.3448	-2.5857	0.8925	6.4255	8.4684	-0.2690	8.1993	4.6447	24.3349	0.0084	1.7419	1.0000	15.5977
33.2017	6.3084	7.9039	7.2786	14.2500	25.0623	13.7469	13.3343	-2.5083	0.8986	7.7721	8.4910	-0.2812	8.2049	4.3561	24.3635	0.0086	1.7424	1.0000	16.3672
33.1468	6.3106	7.8811	7.2808	14.2500	25.0274	13.7083	13.3085	-2.4691	0.9268	10.3462	8.4628	-0.2899	8.1881	4.2118	24.4207	0.0088	1.7410	1.0000	17.1367
33.1468	6.3079	7.9001	7.2971	14.2500	25.3646	13.9073	13.3591	-2.9402	0.8703	12.2005	8.4628	-0.2847	8.1993	3.6873	24.4064	0.0087	1.7413	1.3375	18.7305
33.2100	6.3160	7.9001	7.2556	14.2500	25.4941	14.0452	13.4175	-3.1106	0.8139	12.7606	8.4910	-0.2812	8.2160	3.7397	24.3635	0.0086	1.7417	1.3375	19.5469
33.3226	6.3305	7.9390	7.2971	14.2500	25.5888	14.1329	13.4455	-3.1963	0.7779	13.1825	8.4741	-0.2864	8.2439	3.5037	24.3349	0.0087	1.7424	1.3375	20.3203
33.2677	6.3246	7.8010	7.3688	14.2500	25.6619	14.4853	13.5325	-3.5630	0.6937	14.4321	8.4741	-0.2864	8.2355	2.9267	24.4064	0.0087	1.7420	1.7250	22.0273
33.1495	6.3009	7.7653	7.3576	14.2500	25.6918	14.5851	13.5777	-3.6597	0.6583	14.7725	8.4994	-0.2986	8.1965	2.7694	24.3206	0.0089	1.7421	1.7250	22.7891

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33.4232	6.3391	7.5312	6.7737	14.2500	9.0940	6.7671	6.4466	-0.4849	-0.0431	6.7231	8.6816	-0.2421	8.4465	7.4395	24.3206	0.0081	1.7435	0.0000	0.6133
33.1567	6.2971	7.4755	6.7098	14.2500	10.6518	6.9122	6.5963	-0.5402	-0.0437	6.4511	8.6703	-0.2508	8.3879	7.2426	24.3349	0.0082	1.7426	0.0500	1.5430
32.3736	6.2082	7.2863	6.5978	14.2500	11.7197	7.0059	6.6811	-0.6342	-0.0752	5.8679	8.6393	-0.2578	8.4019	6.9014	24.3063	0.0083	1.7363	0.0500	2.3125
32.2692	6.1878	7.2829	6.5687	14.2500	12.2246	7.0539	6.7213	-0.7138	-0.1085	5.4724	8.6280	-0.2648	8.4046	6.8095	24.2347	0.0084	1.7363	0.0500	3.1328
32.4533	6.2115	7.3575	6.6258	14.2500	16.7668	7.2894	7.1182	-0.4058	-0.0404	5.1155	8.6308	-0.2648	8.3963	6.7439	24.2061	0.0084	1.7375	0.1500	4.1211
32.8654	6.2734	7.4650	6.6650	14.2500	19.6998	7.5336	7.5289	-0.1187	-0.0088	5.1717	8.6534	-0.2491	8.4102	6.5470	24.3063	0.0082	1.7393	0.1500	4.9531
33.1402	6.3051	7.5284	6.7255	14.2500	20.7776	7.7278	7.8328	0.0328	-0.0393	6.0033	8.6844	-0.2456	8.4409	6.3502	24.3206	0.0082	1.7415	0.1500	5.7109
33.3847	6.3401	7.5991	6.8241	14.2500	24.3035	7.8937	7.9919	-0.0706	-0.1644	7.1990	8.6816	-0.2613	8.4771	6.0746	24.3063	0.0084	1.7427	0.2875	6.8125
33.3628	6.3391	7.6086	6.8152	14.2500	25.1870	7.9428	8.0045	-0.1840	-0.2319	7.6390	8.6901	-0.2404	8.4716	5.9041	24.2777	0.0081	1.7423	0.2875	7.6406
33.2474	6.3191	7.5780	6.7944	14.2500	25.3000	7.9676	8.0166	-0.2625	-0.2724	6.8581	8.6731	-0.2473	8.4744	5.7466	24.2920	0.0082	1.7421	0.2875	8.4102
33.2941	6.3234	7.6247	6.8740	14.2500	25.5740	7.9621	7.8124	-0.7431	-0.4218	6.5238	8.6788	-0.2700	8.4576	5.3924	24.3063	0.0086	1.7426	0.4750	9.6133
33.4452	6.3423	7.6715	6.8925	14.2500	25.7251	7.9594	7.6759	-1.0373	-0.4772	6.7231	8.7070	-0.2438	8.4939	5.3006	24.3063	0.0081	1.7436	0.4750	10.4414
33.5743	6.3654	7.7055	6.9389	14.2500	25.8530	7.9610	7.5955	-1.2038	-0.4877	6.7799	8.7183	-0.2508	8.4771	4.9988	24.3492	0.0083	1.7438	0.4750	11.2109
33.6430	6.3703	7.7728	6.9866	14.2500	25.5242	7.9263	7.5074	-1.1596	-0.5005	6.6323	8.6929	-0.2421	8.4827	4.6840	24.3063	0.0081	1.7446	0.7125	12.5820
33.5413	6.3563	7.7283	6.9681	14.2500	25.4411	7.8899	7.4309	-1.1125	-0.5060	6.3971	8.7183	-0.2543	8.5022	4.3955	24.3349	0.0083	1.7441	0.7125	13.3516
33.5358	6.3563	7.7361	6.9944	14.2500	25.3996	7.8662	7.3769	-1.0877	-0.4994	6.0055	8.7183	-0.2334	8.4744	4.2118	24.3063	0.0080	1.7440	0.7125	14.1719
33.4946	6.3514	7.7795	7.0476	14.2500	25.4644	7.8342	7.3725	-1.0622	-0.4772	5.9516	8.7267	-0.2421	8.5022	3.9495	24.3349	0.0081	1.7437	1.0000	15.6602
33.3353	6.3288	7.7355	7.0129	14.2500	25.3880	7.8094	7.3577	-1.0351	-0.4789	6.7320	8.7296	-0.2613	8.4604	3.7135	24.3349	0.0084	1.7429	1.0000	16.4219
33.2089	6.3121	7.7088	6.9367	14.2500	25.2817	7.7912	7.3384	-1.0041	-0.4744	6.6262	8.7042	-0.2438	8.4716	3.4381	24.3778	0.0081	1.7421	1.0000	17.1914
33.3408	6.3326	7.7628	7.0381	14.2500	25.7417	8.0051	7.5454	-1.1363	-0.3831	6.3553	8.7324	-0.2473	8.4799	3.0709	24.3778	0.0082	1.7426	1.3375	18.7930
33.4864	6.3487	7.8101	7.0599	14.2500	25.8364	8.1281	7.6753	-1.1717	-0.3543	6.7017	8.7352	-0.2578	8.5218	2.8218	24.3206	0.0084	1.7438	1.3375	19.6133
33.4012	6.3358	7.7739	7.0504	14.2500	25.8563	8.2186	7.7634	-1.2231	-0.3554	6.4979	8.7211	-0.2491	8.5301	2.6514	24.2777	0.0082	1.7434	1.3375	20.3828
33.0550	6.2922	7.6888	7.0499	14.2500	25.8646	8.4981	7.7816	-1.6003	-0.3117	9.2125	8.7211	-0.2473	8.4967	2.1794	24.3206	0.0082	1.7411	1.7250	22.0820
32.8819	6.2658	7.6381	7.0146	14.2500	25.7999	8.6062	7.7876	-1.7596	-0.2679	11.0976	8.7267	-0.2508	8.4632	1.8910	24.2920	0.0083	1.7404	1.7250	22.9102

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33.1562	6.3095	7.3382	6.4606	14.2500	5.8136	5.9340	5.9404	-0.0201	-0.0253	6.3687	21.3498	-1.3565	20.1256	4.5529	24.3349	0.0302	1.7413	0.0000	0.5977
33.0270	6.2896	7.3137	6.4443	14.2500	5.8684	5.9665	5.9608	-0.0472	-0.0214	6.3406	21.2172	-1.3129	20.0363	4.2774	24.3063	0.0296	1.7408	0.0500	1.5391
32.9391	6.2804	7.2853	6.4202	14.2500	5.9183	5.9963	5.9624	-0.0765	-0.0313	5.8796	21.1636	-1.3321	19.9527	4.0676	24.3778	0.0298	1.7400	0.0500	2.3086
33.0435	6.2858	7.3187	6.4471	14.2500	5.9515	6.0228	5.9773	-0.1014	-0.0507	5.5553	21.1100	-1.3251	19.9025	3.8840	24.3492	0.0297	1.7416	0.0500	3.0664
33.0957	6.2977	7.3287	6.4510	14.2500	7.2270	6.1744	6.0538	-0.2308	-0.0136	5.2975	21.0395	-1.3251	19.8272	3.8840	24.3063	0.0296	1.7414	0.1500	4.0586
33.1067	6.2950	7.3432	6.4527	14.2500	8.3214	6.3250	6.1281	-0.3353	-0.0014	5.3383	20.9718	-1.3199	19.7742	3.5955	24.3349	0.0295	1.7419	0.1500	4.8867
33.0847	6.2950	7.3248	6.4824	14.2500	8.8263	6.4176	6.1777	-0.4177	-0.0142	6.5950	20.9182	-1.3216	19.7408	3.4250	24.3635	0.0295	1.7414	0.1500	5.6602
33.3238	6.3256	7.4005	6.4992	14.2500	14.3684	6.8808	6.6874	-0.4172	0.0578	7.4222	20.8759	-1.3199	19.7073	3.1496	24.3206	0.0295	1.7430	0.2875	6.7500
33.4392	6.3402	7.4256	6.5323	14.2500	18.0752	7.2944	7.1471	-0.4481	0.0417	7.2444	20.8590	-1.3164	19.6906	2.9529	24.3492	0.0294	1.7437	0.2875	7.5195
33.4969	6.3531	7.4372	6.5300	14.2500	19.3856	7.6087	7.4774	-0.5261	-0.0219	6.8275	20.9098	-1.3321	19.7129	2.8349	24.4493	0.0296	1.7435	0.2875	8.2891
33.5683	6.3579	7.4823	6.5709	14.2500	25.8444	8.0797	8.1149	-0.2142	-0.0657	6.4034	21.0423	-1.3408	19.8272	2.5072	24.4493	0.0298	1.7444	0.4750	9.5000
33.7139	6.3773	7.5241	6.6191	14.2500	27.3624	8.3245	8.4760	-0.0538	-0.1293	6.2707	21.2285	-1.3791	20.0363	2.3892	24.5925	0.0304	1.7453	0.4750	10.2695
33.8925	6.3983	7.5619	6.6124	14.2500	27.7294	8.5109	8.7359	-0.0085	-0.1991	6.7696	21.4711	-1.3739	20.2566	2.1008	24.7070	0.0305	1.7466	0.4750	11.0898
33.7084	6.3784	7.5859	6.6701	14.2500	27.3906	8.6565	8.8553	-0.1749	-0.4101	6.4794	21.7758	-1.4123	20.5243	1.8648	24.7070	0.0312	1.7451	0.7125	12.4102
33.6095	6.3596	7.5436	6.6342	14.2500	27.2494	8.6774	8.8262	-0.3066	-0.4992	6.4127	21.8802	-1.4105	20.5940	1.7468	24.6783	0.0312	1.7451	0.7125	13.1797
33.3732	6.3375	7.4918	6.5860	14.2500	27.1265	8.6714	8.7893	-0.3707	-0.5385	6.0570	21.9535	-1.4157	20.6554	1.4060	24.5781	0.0313	1.7427	0.7125	13.9492
33.1012	6.2955	7.4807	6.6096	14.2500	26.4357	8.5920	8.5663	-0.6788	-0.6094	5.8609	21.9704	-1.3913	20.6804	0.9866	24.5781	0.0310	1.7417	1.0000	15.4297
33.0490	6.2853	7.4912	6.5995	14.2500	26.3211	8.5385	8.4425	-0.8347	-0.6138	6.3252	21.9027	-1.3966	20.6330	0.8294	24.4350	0.0311	1.7417	1.0000	16.1992
32.9501	6.2777	7.5063	6.6163	14.2500	26.2198	8.5054	8.3555	-0.8917	-0.5978	6.5229	21.8520	-1.4001	20.5940	0.6328	24.4493	0.0311	1.7406	1.0000	16.9688
33.1507	6.3117	7.5670	6.7261	14.2500	26.8376	8.7045	8.4023	-1.1079	-0.4737	6.4783	21.7532	-1.3931	20.4992	0.1218	24.3349	0.0309	1.7410	1.3375	18.5586
33.2194	6.3014	7.5541	6.7389	14.2500	26.9322	8.8341	8.4661	-1.2025	-0.4344	6.5714	21.6883	-1.3844	20.4128	-0.1010	24.3349	0.0308	1.7434	1.3375	19.3867
33.1149	6.2869	7.5380	6.7289	14.2500	26.9023	8.9162	8.5058	-1.2694	-0.4211	6.4034	21.6094	-1.3896	20.3793	-0.2451	24.3349	0.0308	1.7429	1.3375	20.1602
32.6891	6.2384	7.4055	6.7412	14.2500	26.0005	9.2002	8.4056	-1.5647	-0.4328	9.1460	21.5134	-1.3791	20.2650	-0.6513	24.3206	0.0306	1.7394	1.7250	21.8594
32.5132	6.2121	7.3677	6.7233	14.2500	25.5388	9.2487	8.1633	-1.6737	-0.4483	11.1337	21.4598	-1.3722	20.2232	-0.8478	24.3063	0.0305	1.7387	1.7250	22.6289

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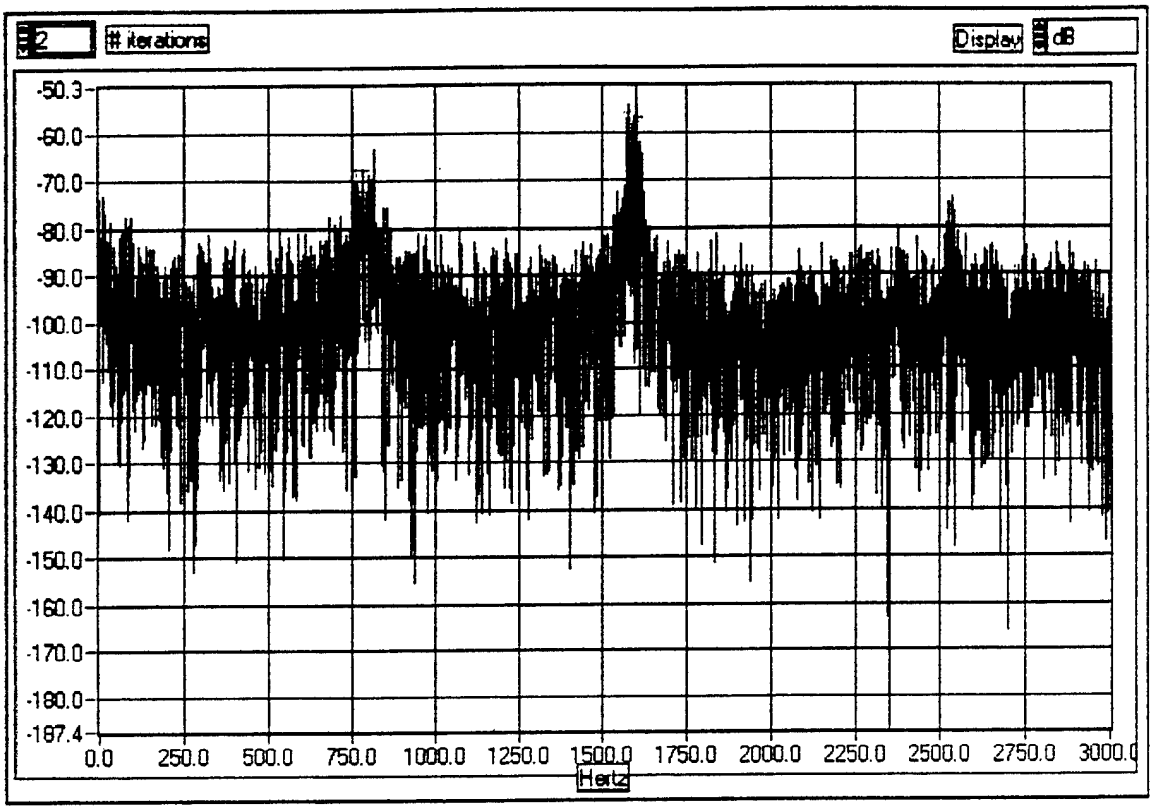
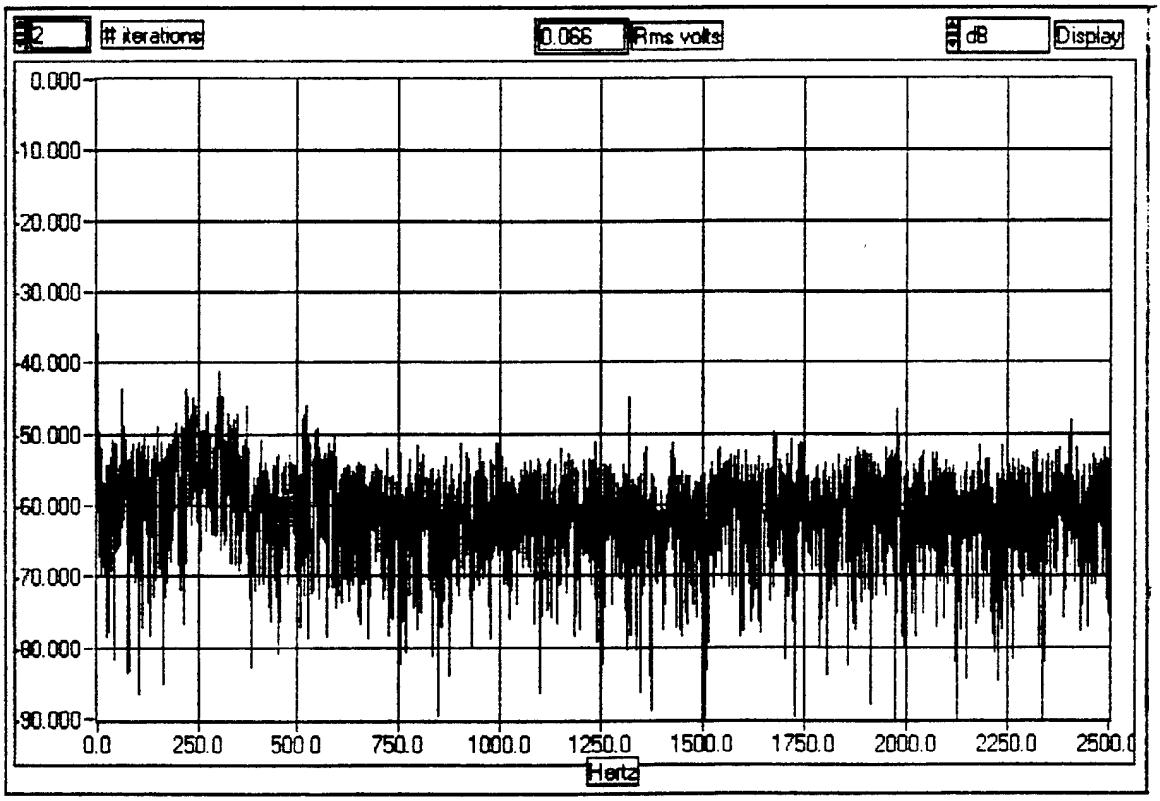
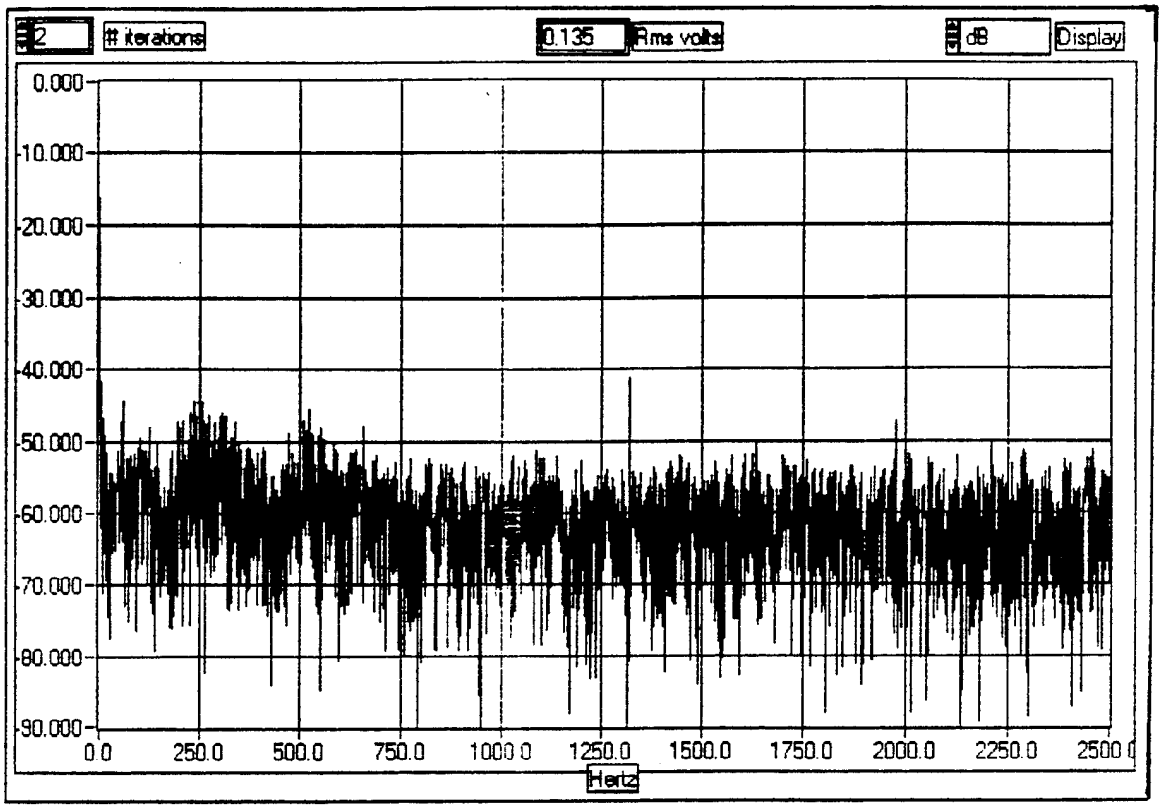
34.3267	6.4708	7.5513	6.5430	14.2500	5.8619	5.8810	5.8872	0.0658	0.0625	6.4354	34.4447	-2.3526	32.3676	0.7770	24.6211	0.0506	1.7476	0.0000	0.5977
34.1811	6.4460	7.5151	6.5060	14.2500	5.8901	5.9267	5.9307	0.0487	0.0364	6.4662	34.4588	-2.3508	32.3787	0.5411	24.5925	0.0506	1.7473	0.0500	1.4766
33.9585	6.4148	7.4577	6.4567	14.2500	5.8370	5.9378	5.9466	0.0249	0.0115	6.0631	34.4475	-2.3404	32.3704	0.3838	24.4637	0.0504	1.7462	0.0500	2.2500
33.6865	6.3755	7.3932	6.4292	14.2500	5.8553	5.9383	5.9351	-0.0038	-0.0128	5.7172	34.4560	-2.3613	32.3732	0.1873	24.5209	0.0507	1.7449	0.0500	3.0195
33.3980	6.3389	7.3397	6.3699	14.2500	6.0828	5.9609	5.9406	-0.0763	-0.0383	5.4463	34.4390	-2.3682	32.3536	-0.1927	24.5638	0.0507	1.7431	0.1500	4.0586
33.1178	6.3034	7.2751	6.3279	14.2500	6.3286	5.9940	5.9389	-0.1382	-0.0582	5.4771	34.4616	-2.3560	32.3425	-0.2713	24.5495	0.0506	1.7412	0.1500	4.8281
33.1260	6.2948	7.2629	6.3295	14.2500	6.4831	6.0111	5.9395	-0.1814	-0.0715	7.4014	34.4165	-2.3857	32.3257	-0.4416	24.5209	0.0509	1.7423	0.1500	5.6484
33.4804	6.3610	7.3759	6.3755	14.2500	9.2516	6.2802	6.1525	-0.2964	-0.0134	7.0153	34.4165	-2.3578	32.3034	-0.3892	24.5066	0.0506	1.7424	0.2875	6.7500
33.7937	6.4024	7.4572	6.4259	14.2500	11.5983	6.5681	6.3859	-0.4197	0.0027	7.1690	34.4278	-2.3700	32.3313	-0.4154	24.4780	0.0508	1.7442	0.2875	7.5195
33.9283	6.4213	7.4733	6.4545	14.2500	12.8107	6.7903	6.5627	-0.5397	-0.0162	6.9085	34.4108	-2.3613	32.3118	-0.5595	24.4923	0.0506	1.7449	0.2875	8.2891
33.9091	6.4175	7.5006	6.5026	14.2500	22.7688	7.4173	7.3592	-0.2062	0.0481	6.3528	34.4024	-2.3473	32.2839	-0.7823	24.5638	0.0505	1.7449	0.4750	9.5469
33.7717	6.4040	7.4711	6.4561	14.2500	26.3644	7.8044	7.8591	-0.0840	0.0137	6.2063	34.3883	-2.3682	32.3146	-0.8085	24.4493	0.0507	1.7437	0.4750	10.3164
33.9420	6.4175	7.4878	6.4931	14.2500	27.0270	8.0829	8.1993	-0.0951	-0.0815	6.4403	34.4108	-2.3578	32.2923	-0.9919	24.5638	0.0506	1.7456	0.4750	11.0898
34.0986	6.4412	7.5752	6.5906	14.2500	27.8109	8.4276	8.7267	0.2212	-0.2177	6.5648	34.4108	-2.3839	32.3174	-1.2014	24.5781	0.0509	1.7462	0.7125	12.4688
34.0629	6.4304	7.5852	6.5917	14.2500	27.8109	8.5566	8.9441	0.3197	-0.2991	6.4591	34.4024	-2.3648	32.3146	-1.4110	24.4780	0.0507	1.7466	0.7125	13.2266
33.8376	6.4089	7.5162	6.5446	14.2500	27.6880	8.6316	9.0564	0.3296	-0.3772	6.2013	34.4221	-2.3787	32.3118	-1.5027	24.5638	0.0508	1.7444	0.7125	14.0000
33.5491	6.3685	7.5279	6.5721	14.2500	27.1200	8.6333	8.9342	0.0277	-0.4962	5.9651	34.4080	-2.3560	32.3034	-1.6861	24.4923	0.0506	1.7430	1.0000	15.4883
33.6370	6.3949	7.5485	6.6091	14.2500	27.0702	8.6106	8.8506	-0.0774	-0.4868	6.3654	34.4193	-2.3874	32.3230	-1.9742	24.5781	0.0509	1.7420	1.0000	16.2578
33.6206	6.4245	7.5997	6.5956	14.2500	27.0503	8.5902	8.8016	-0.0995	-0.4785	6.6006	34.4390	-2.3839	32.3230	-1.9480	24.4780	0.0509	1.7386	1.0000	17.0195
33.5876	6.4466	7.6353	6.7026	14.2500	27.4489	8.8274	8.8588	-0.4496	-0.4453	6.7047	34.4447	-2.3595	32.3620	-2.2623	24.5495	0.0506	1.7357	1.3375	18.6172
33.9585	6.4686	7.7088	6.7564	14.2500	27.7378	8.9873	8.9216	-0.5430	-0.4220	6.6887	34.4447	-2.3996	32.3508	-2.4326	24.4780	0.0511	1.7407	1.3375	19.4375
34.2113	6.4945	7.7355	6.8051	14.2500	27.9571	9.1329	8.9904	-0.6271	-0.3971	6.6353	34.4616	-2.3630	32.3787	-2.7076	24.5495	0.0507	1.7429	1.3375	20.2070
34.0739	6.4923	7.7322	6.8236	14.2500	28.8173	9.7036	9.4203	-0.8738	-0.2426	9.2089	34.4870	-2.3770	32.3676	-3.2051	24.5495	0.0509	1.7405	1.7250	21.9102
33.8046	6.4455	7.6593	6.7670	14.2500	28.6994	9.9413	9.5965	-0.9672	-0.2238	11.5291	34.4926	-2.3874	32.3704	-3.4146	24.5925	0.0510	1.7400	1.7250	22.6797


2
iterations
Display
dB
-50.3
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
-130.0
-140.0
-150.0
-160.0
-170.0
-180.0
-187.4
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
2750.0
3000.0
Hertz

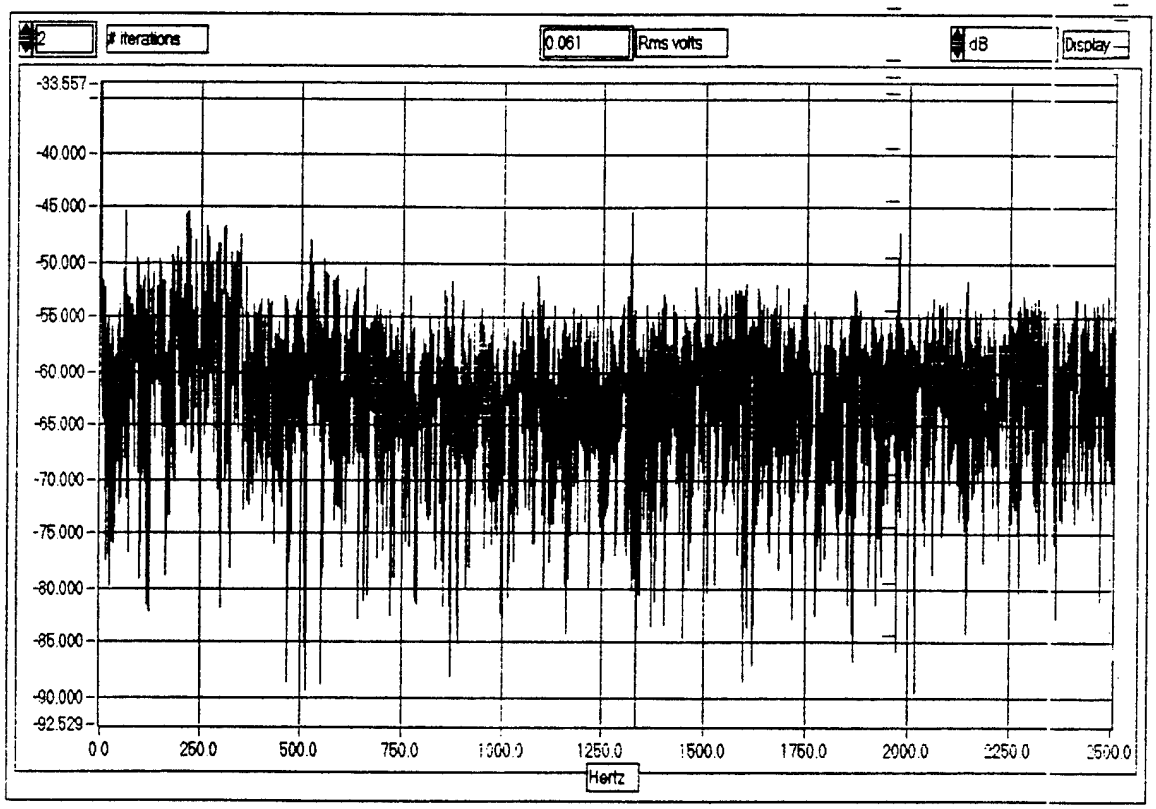
Run 6


2
iterations
0.066
Rms volts
dB
Display
0.000
-10.000
-20.000
-30.000
-40.000
-50.000
-60.000
-70.000
-80.000
-90.000
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

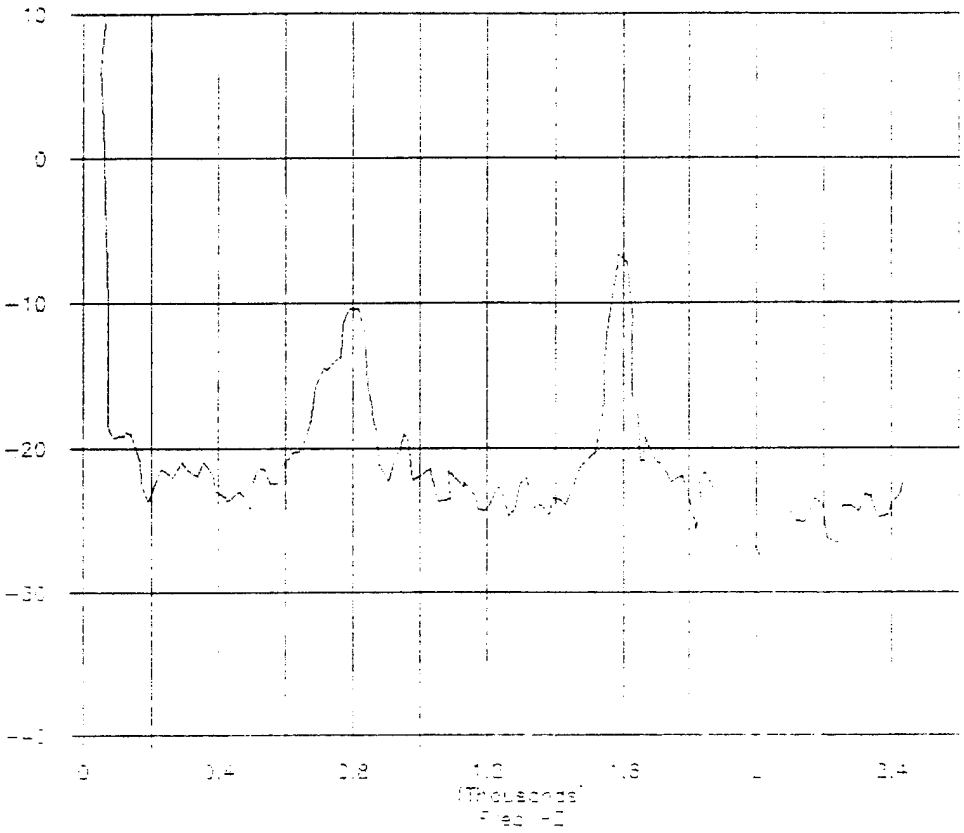
Run 11


2
iterations
0.135
Rms volts
dB
Display
0.000
-10.000
-20.000
-30.000
-40.000
-50.000
-60.000
-70.000
-80.000
-90.000
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

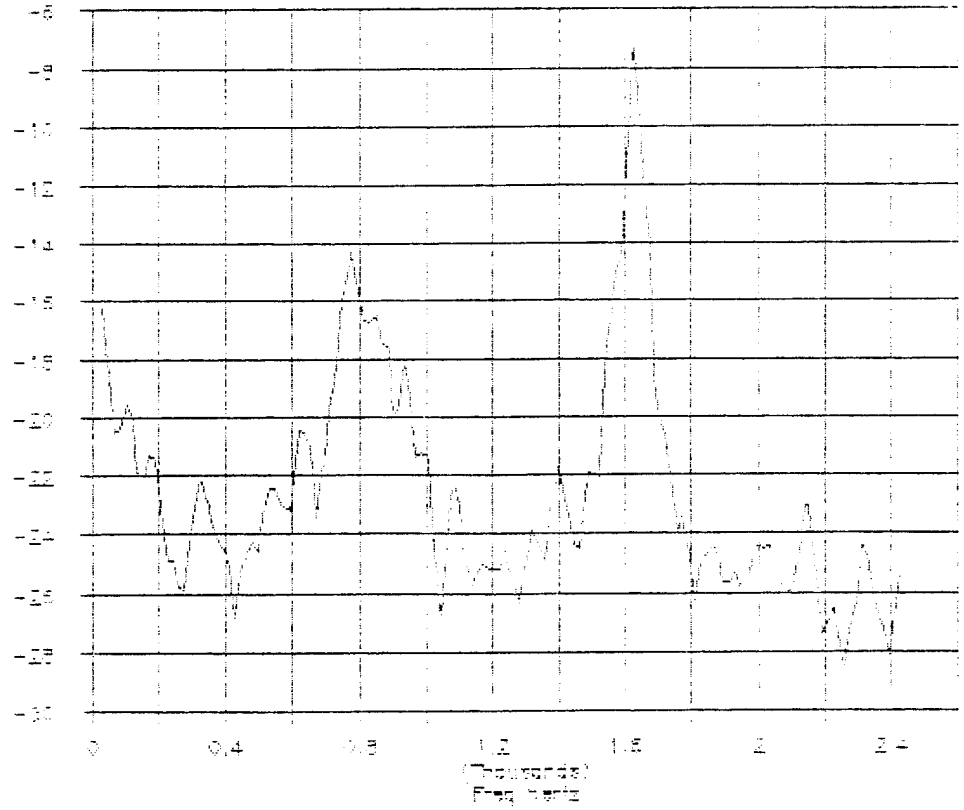
Run 12


2
iterations
0.061
Rms volts
dB
Display
-33.557
-40.000
-45.000
-50.000
-55.000
-60.000
-65.000
-70.000
-75.000
-80.000
-85.000
-90.000
-92.529
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

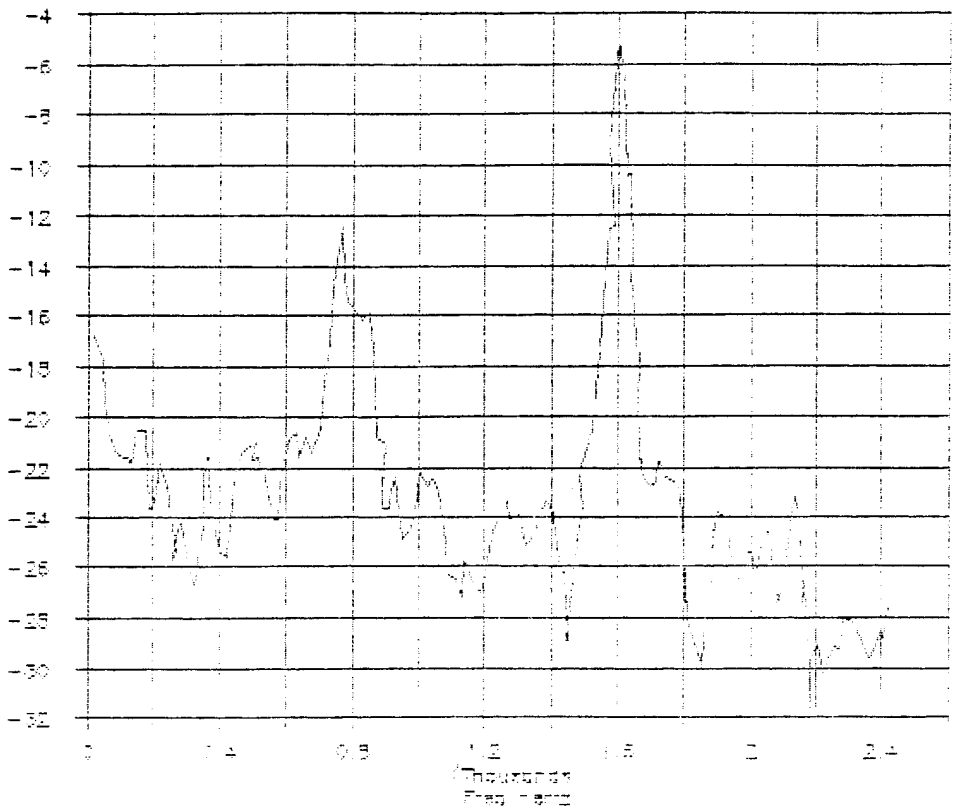
Run 13



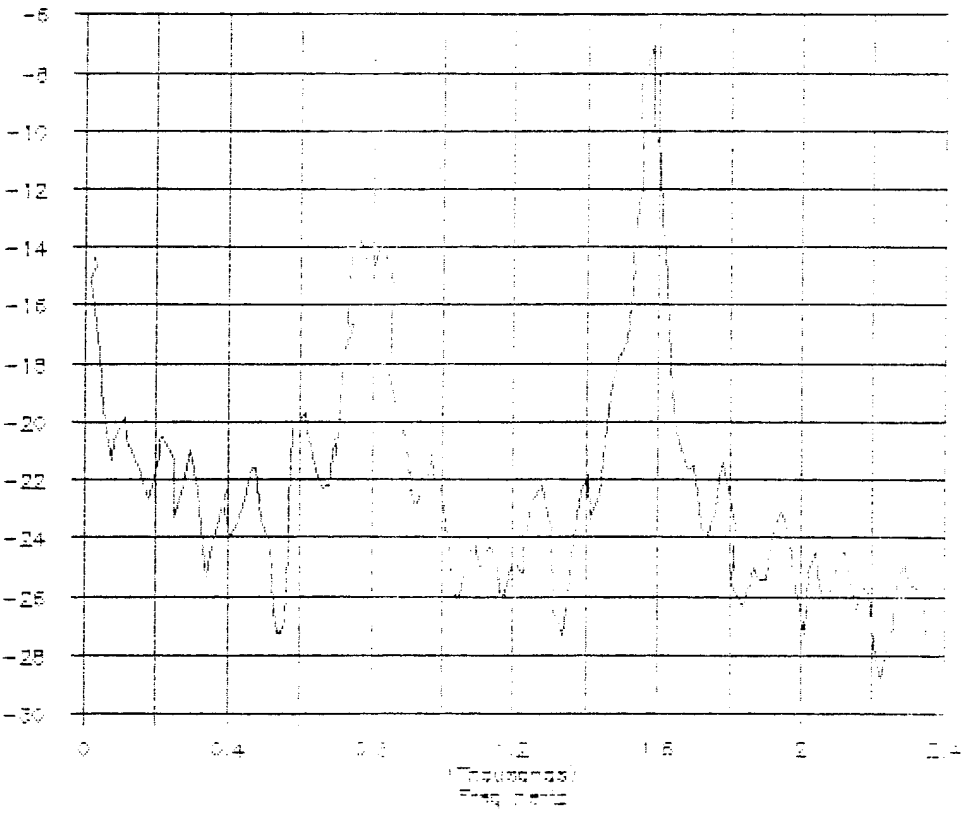
Run 16



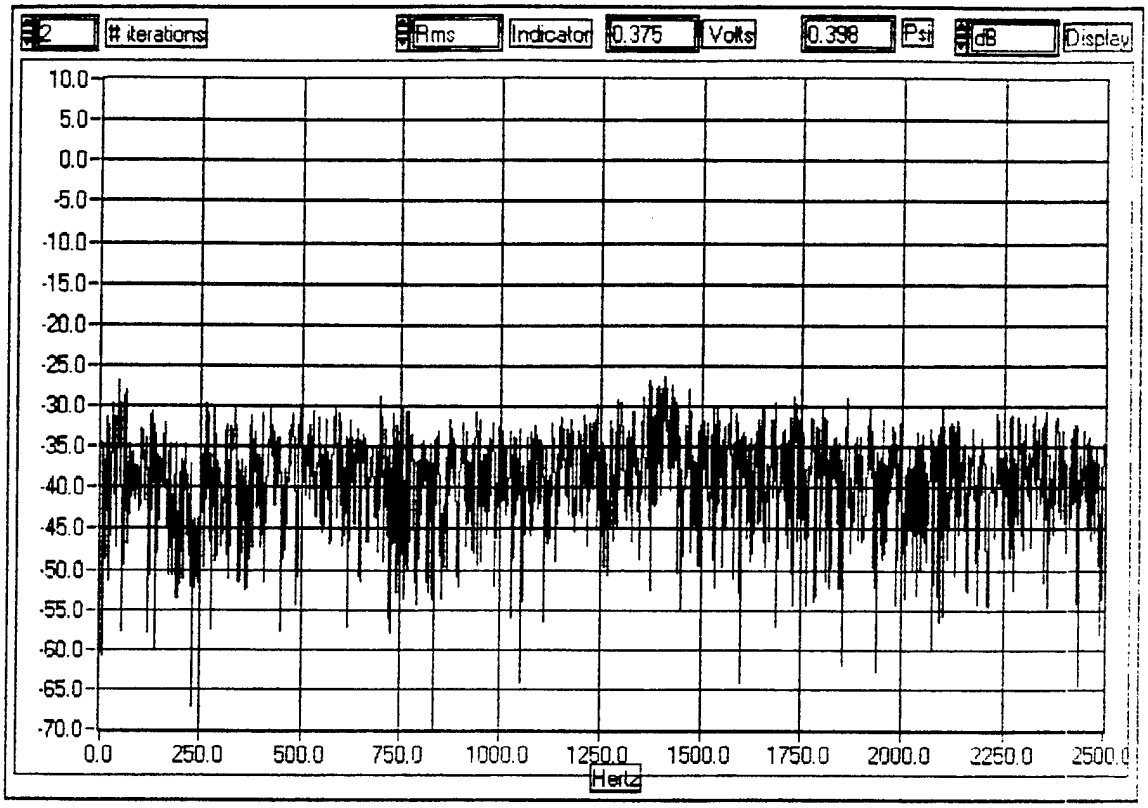
Run 17


dBv
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
-32
0
0.4
0.8
1.2
1.6
2
2.4

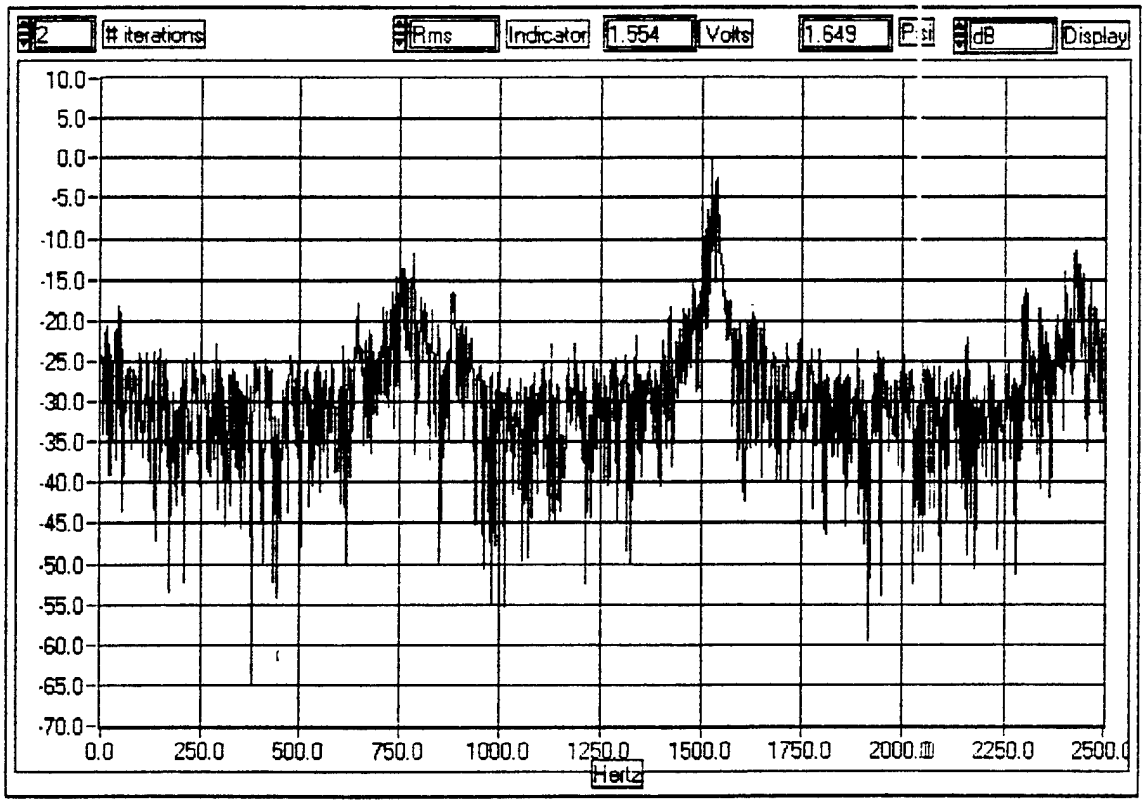
Run 18


dBv
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
0
0.4
0.8
1.2
1.6
2
2.4

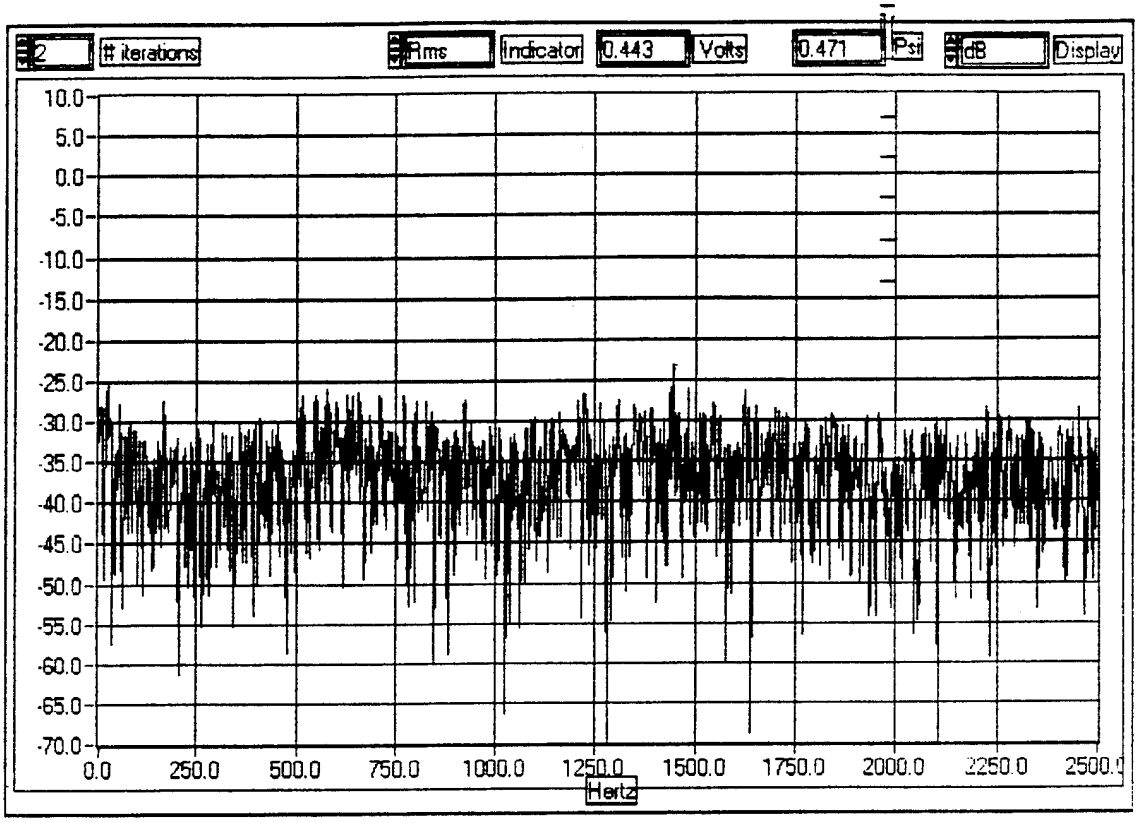
Run 19


2
iterations
Rms
Indicator
0.375
Volts
0.398
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

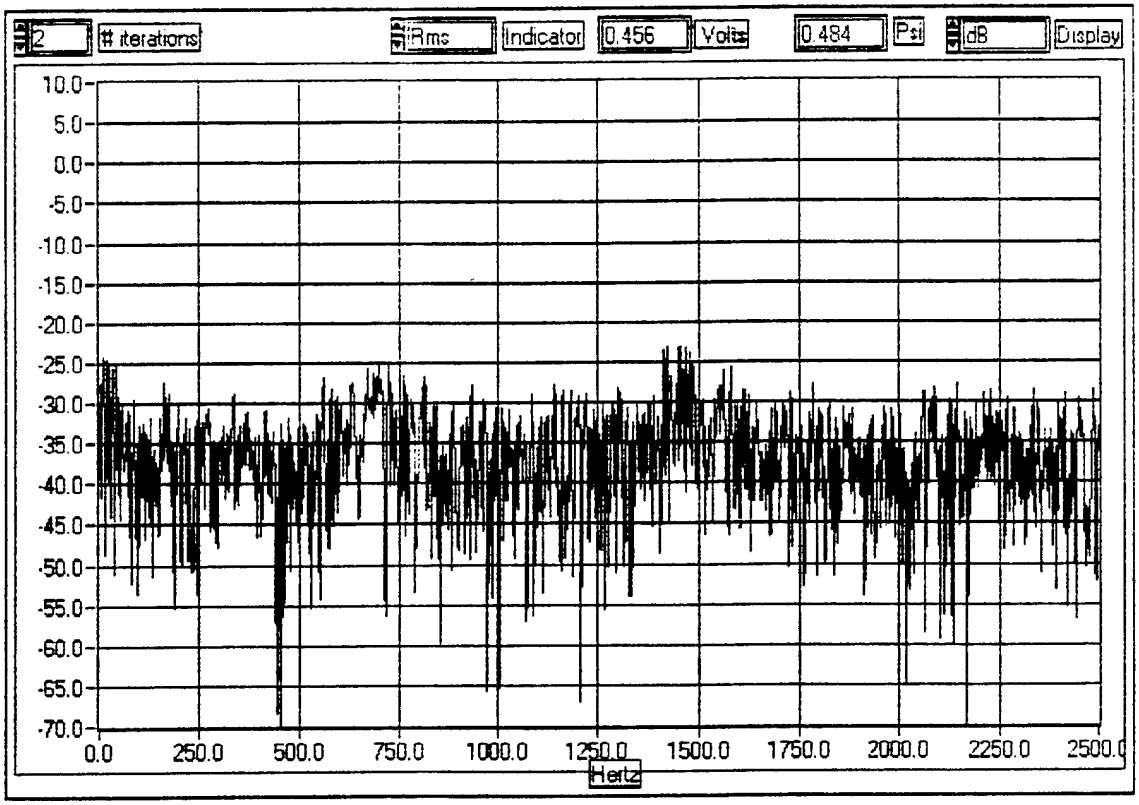
Run 20


2
iterations
Rms
Indicator
1.554
Volts
1.649
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

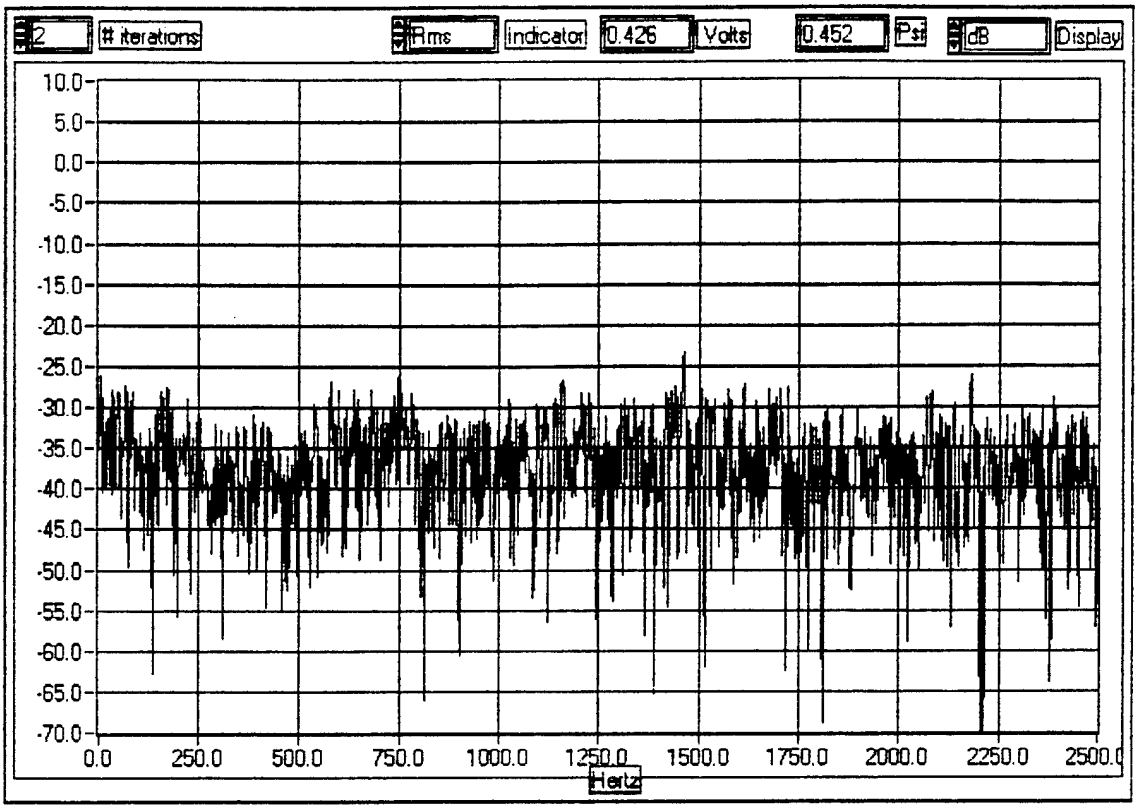
Run 22


2
iterations
Rms
Indicator
0.443
Volts
0.471
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

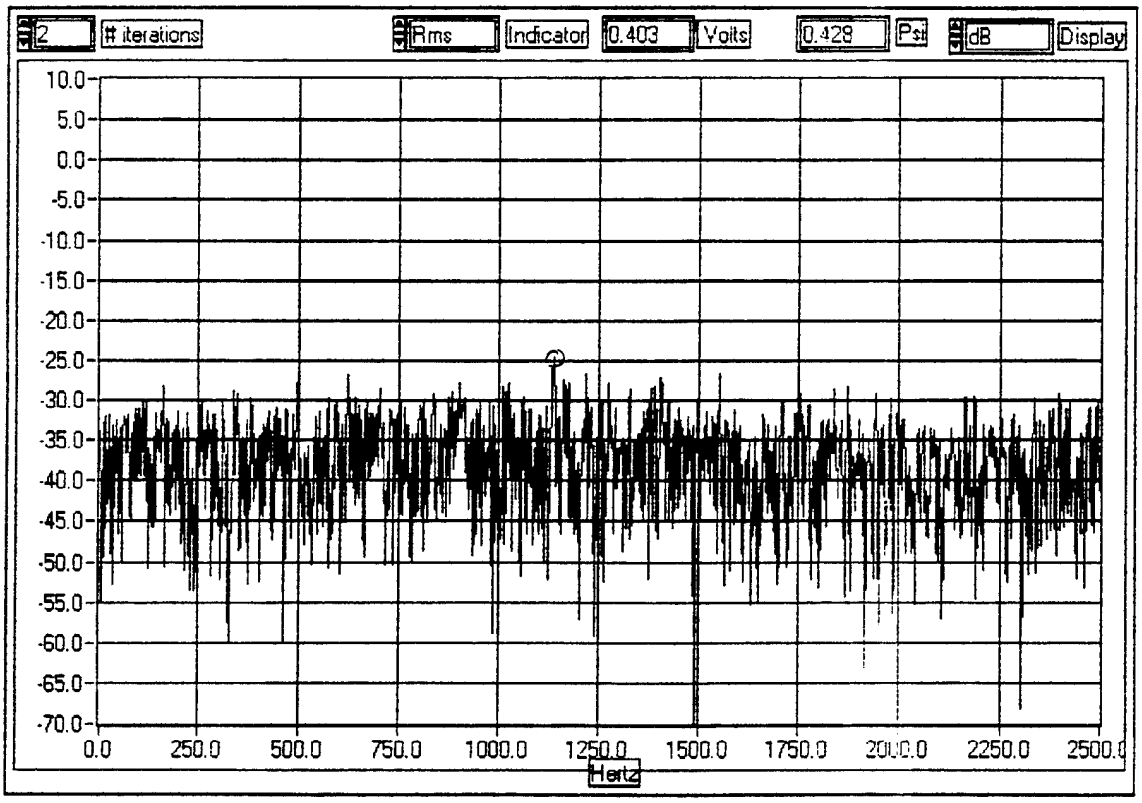
Run 23


2
iterations
Rms
Indicator
0.456
Volts
0.484
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

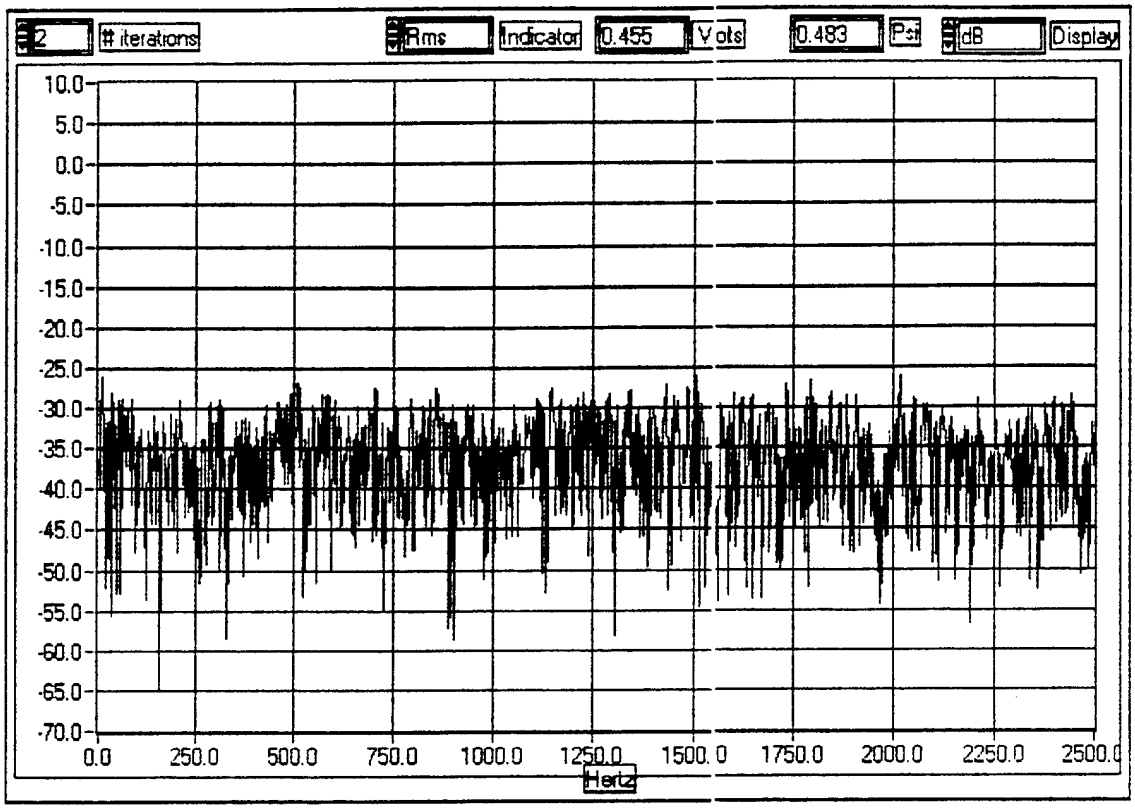
Run 24


2
iterations
Rms
Indicator
0.426
Volts
0.452
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

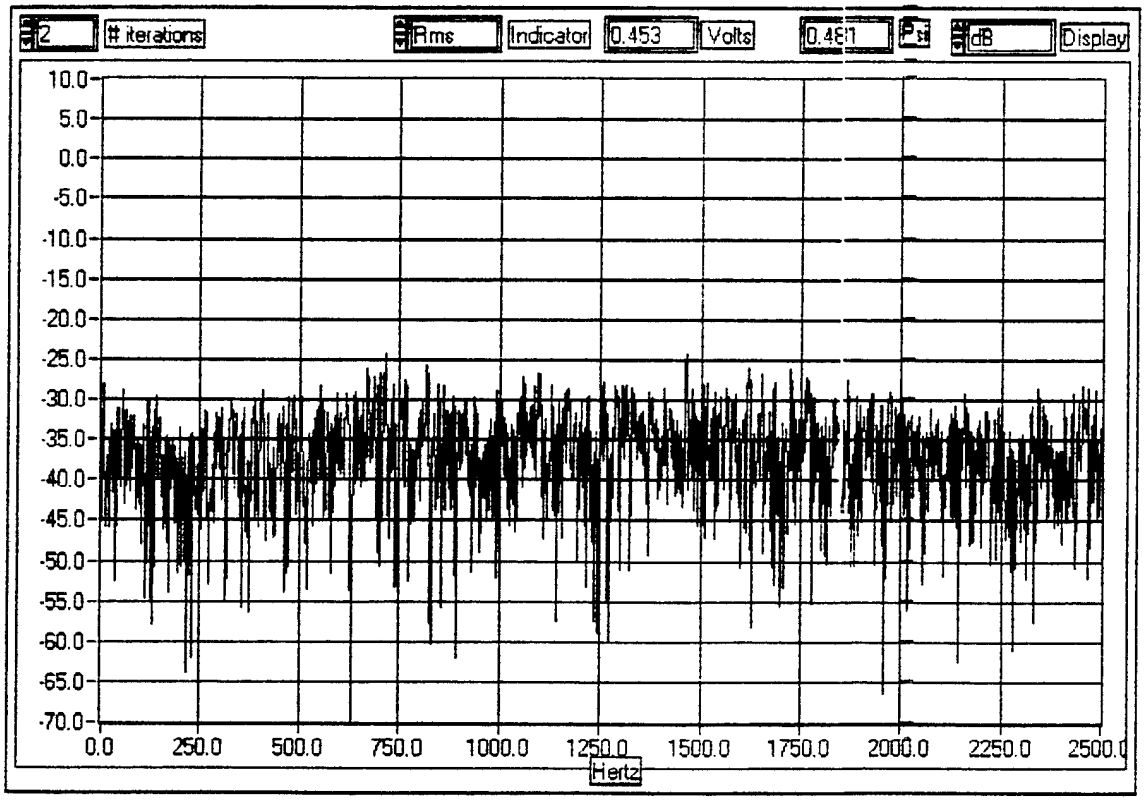
Run 25


2
iterations
Rms
Indicator
0.403
Volts
0.428
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

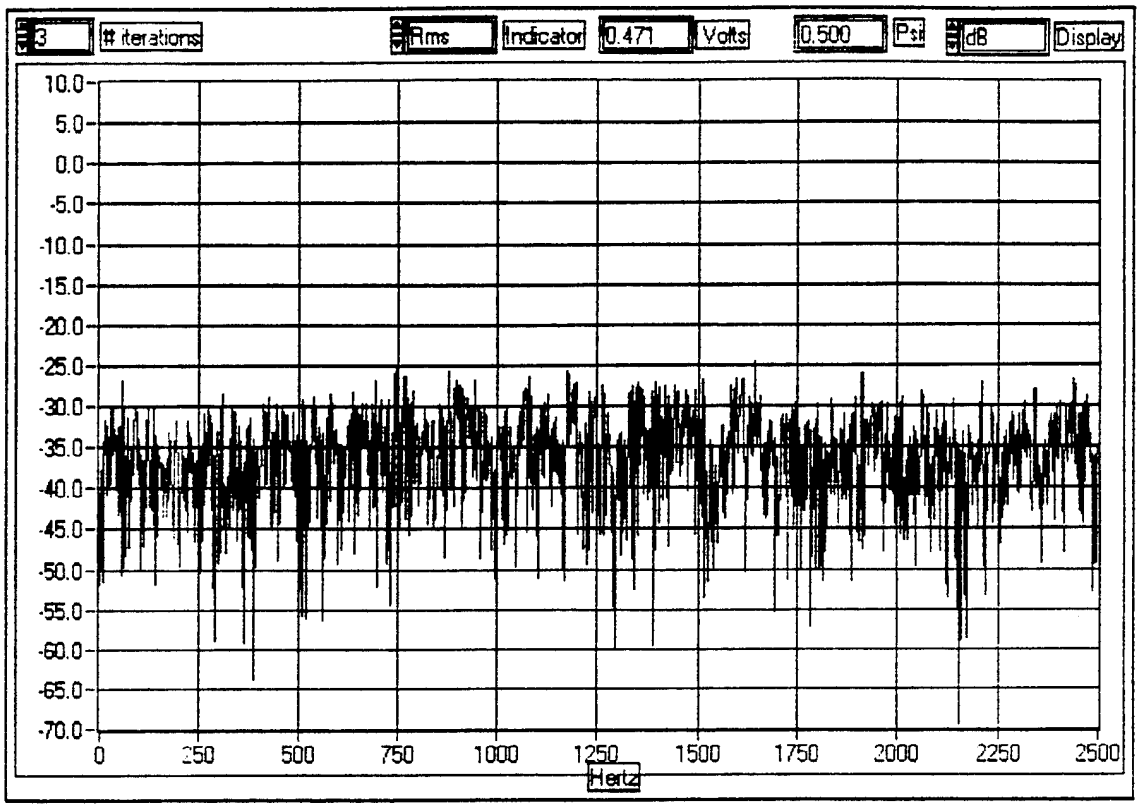
Run 26


2
iterations
Rms
Indicator
0.455
Volts
0.483
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

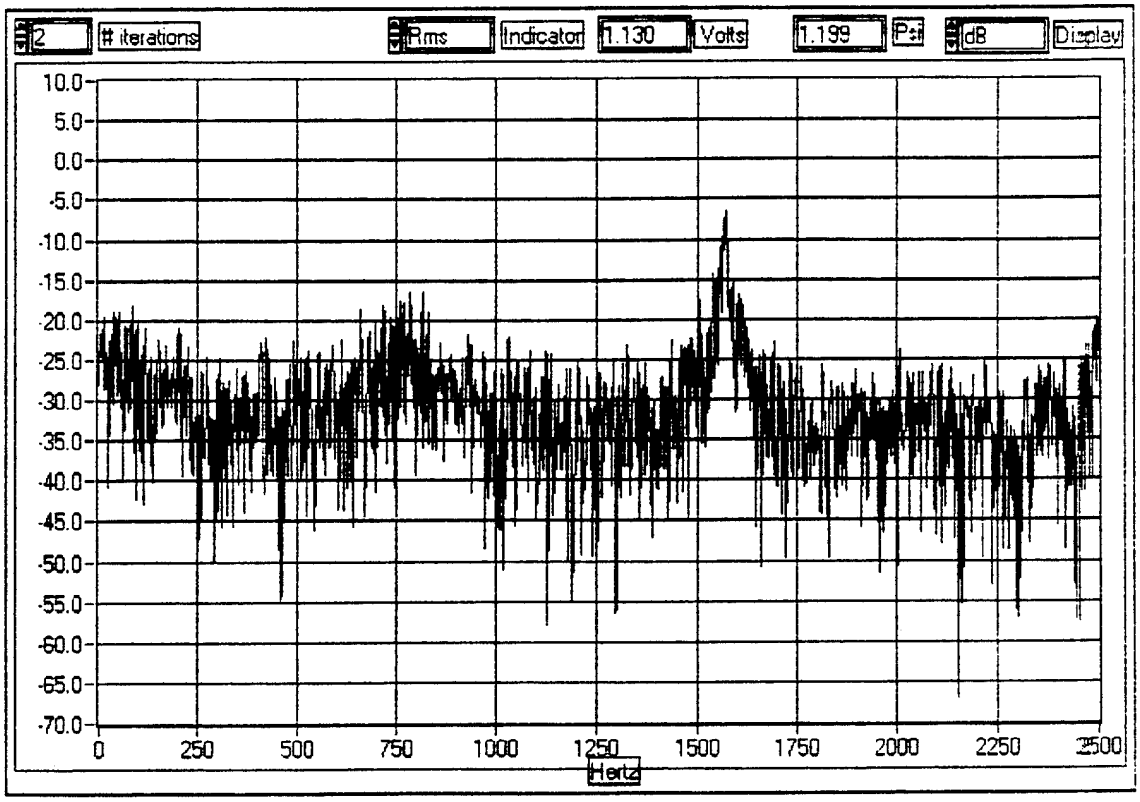
Run 27


2
iterations
Rms
Indicator
0.453
Volts
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0.0
250.0
500.0
750.0
1000.0
1250.0
1500.0
1750.0
2000.0
2250.0
2500.0
Hertz

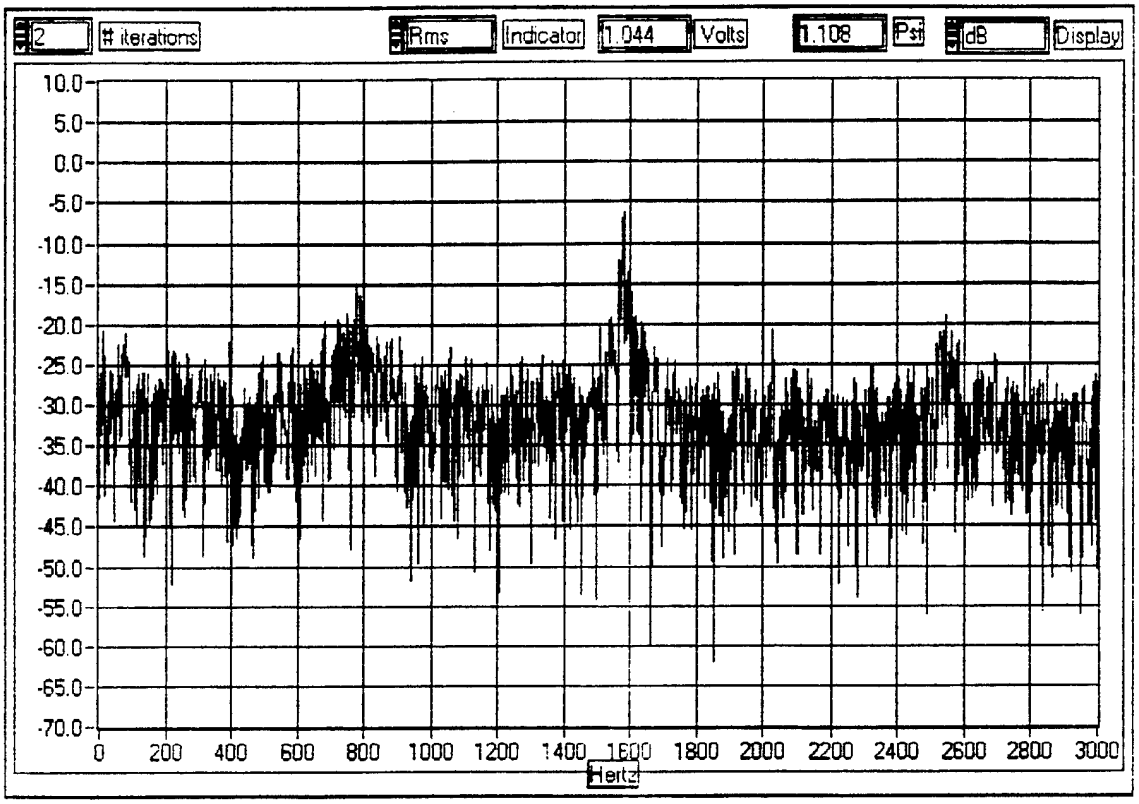
Run 28


3
iterations
Rms
Indicator
0.471
Volts
0.500
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

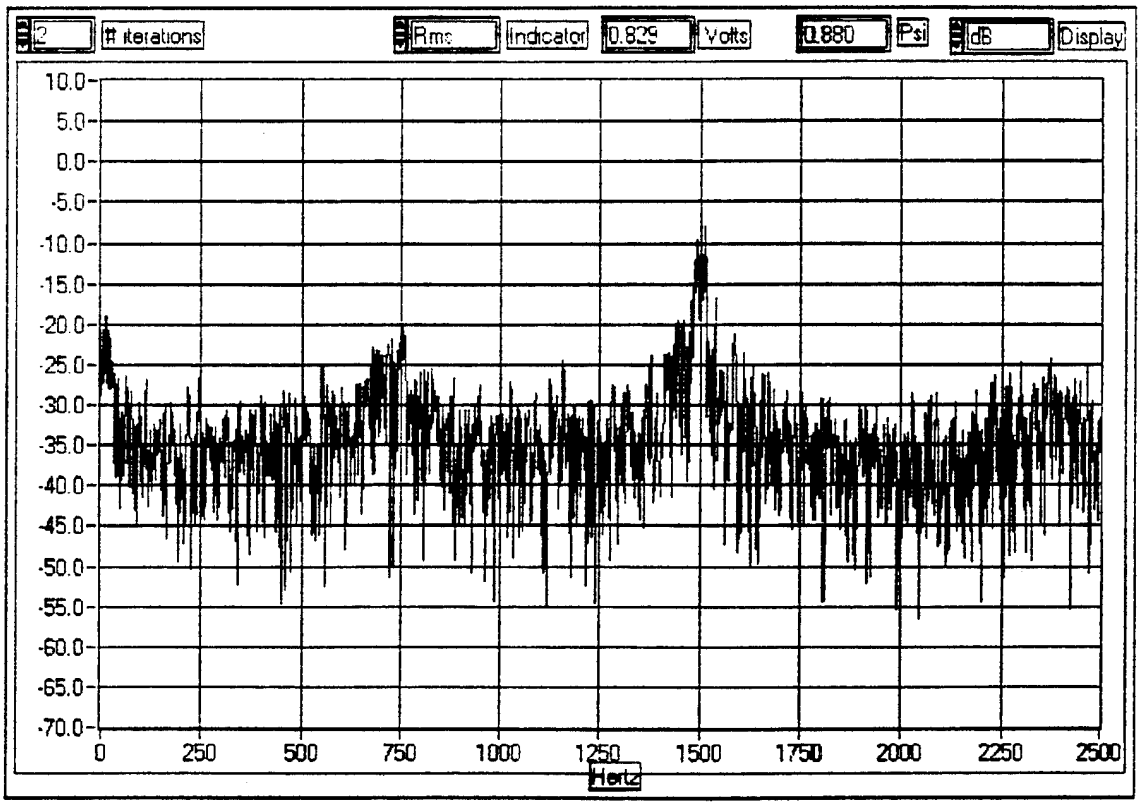
Run 29


2
iterations
Rms
Indicator
1.130
Volts
1.199
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

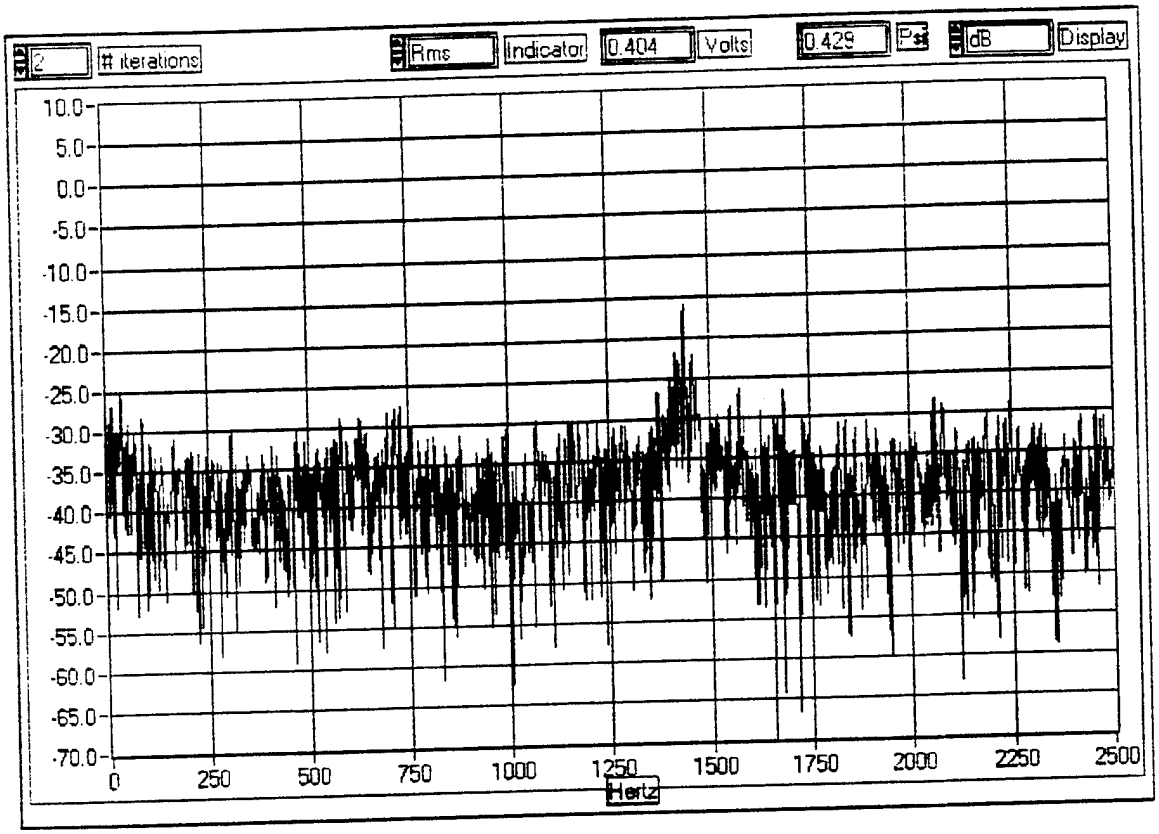
Run 30


2
iterations
Rms
Indicator
1.044
Volts
1.108
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600
2800
3000
Hertz

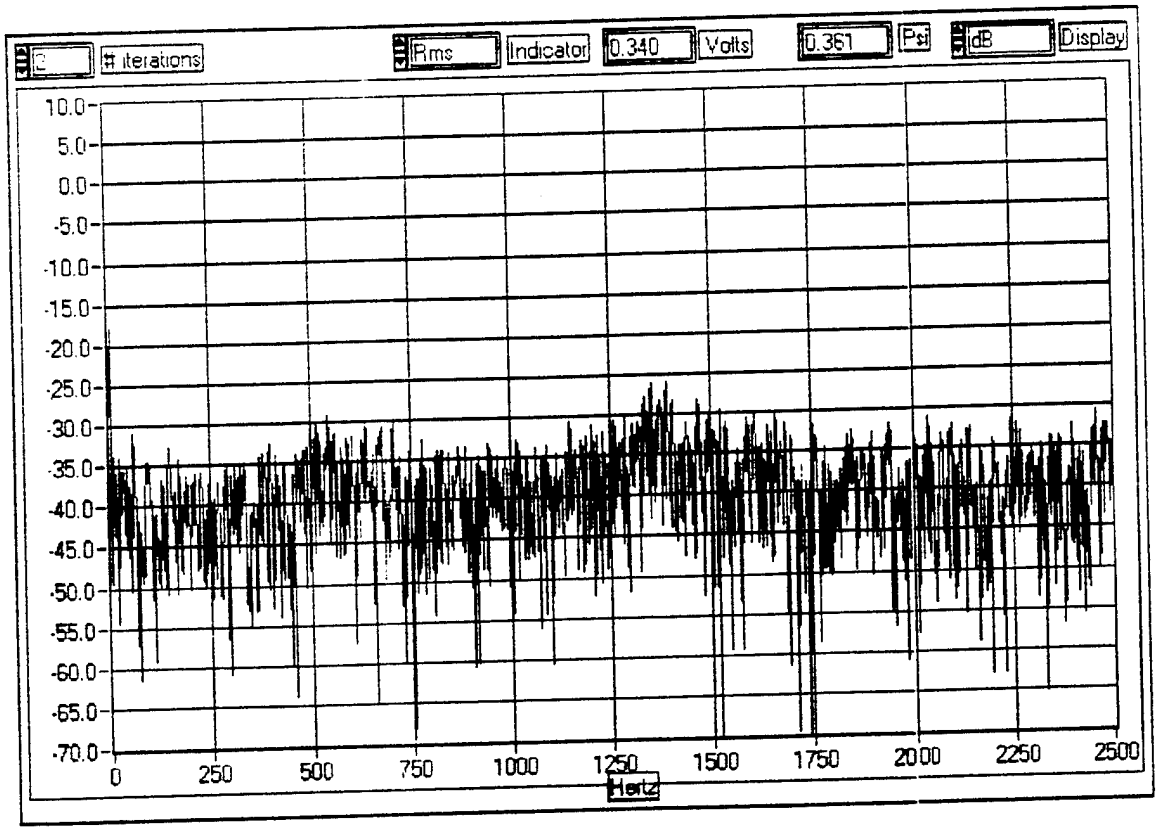
Run 31


2
iterations
Rms
Indicator
0.829
Volts
0.880
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

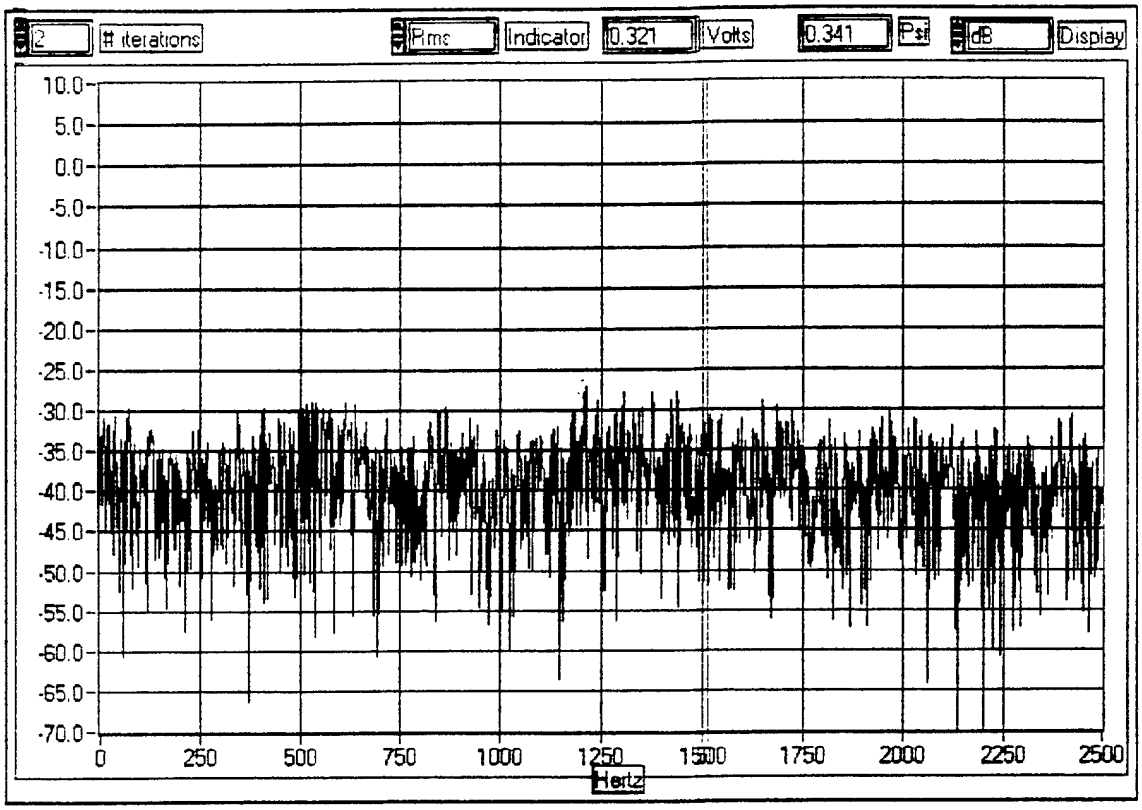
Run 34


2
iterations
Rms
Indicator
0.404
Volts
0.429
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

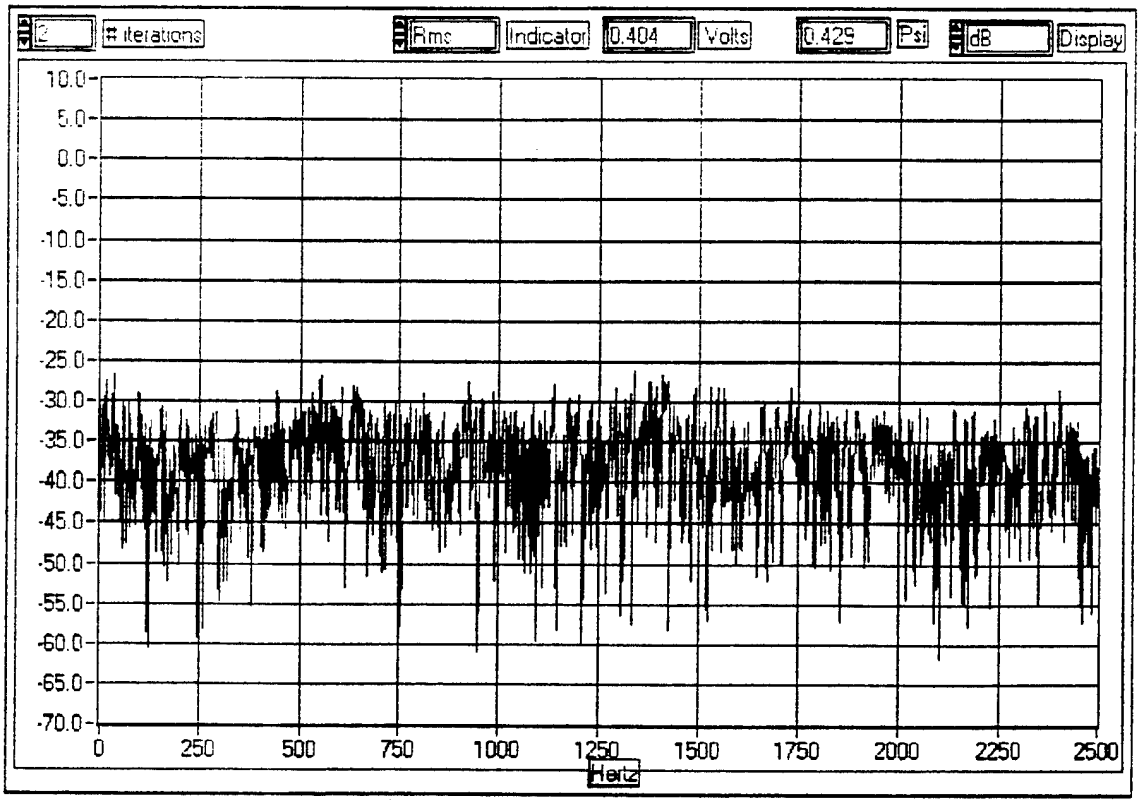
Run 35


2
iterations
Rms
Indicator
0.340
Volts
0.361
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

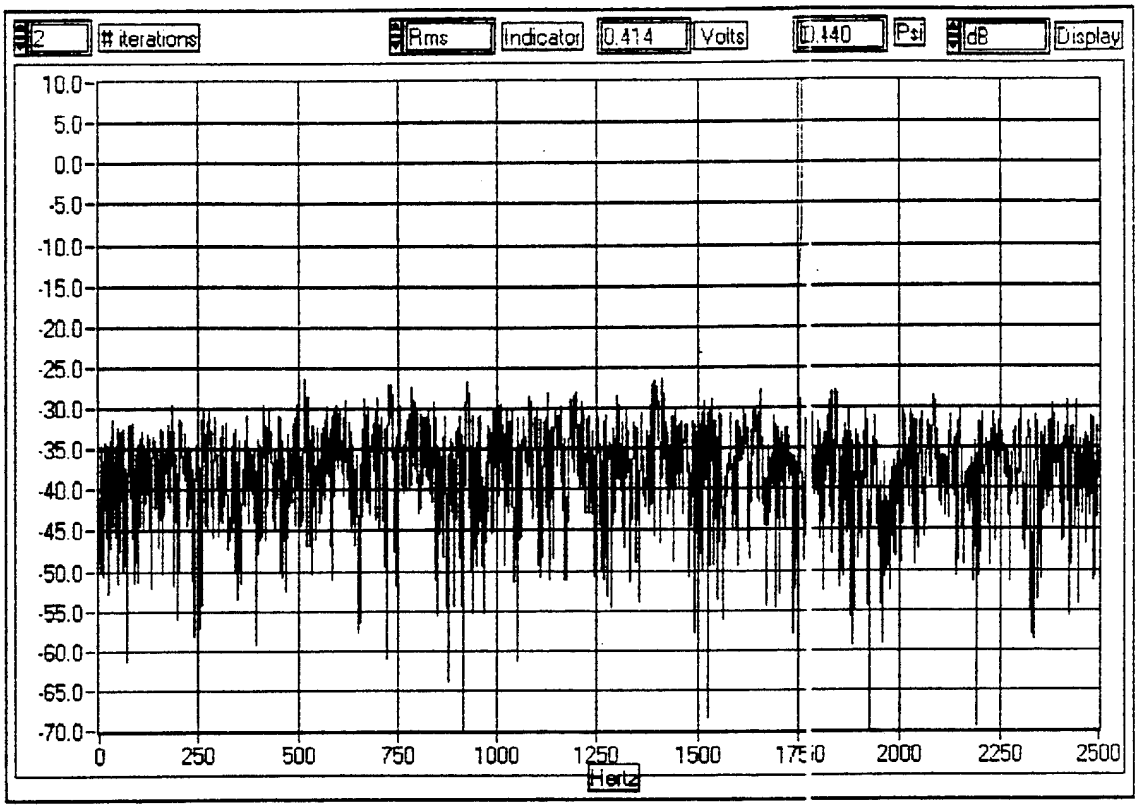
Run 36


2
iterations
Rms
Indicator
0.321
Volts
0.341
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

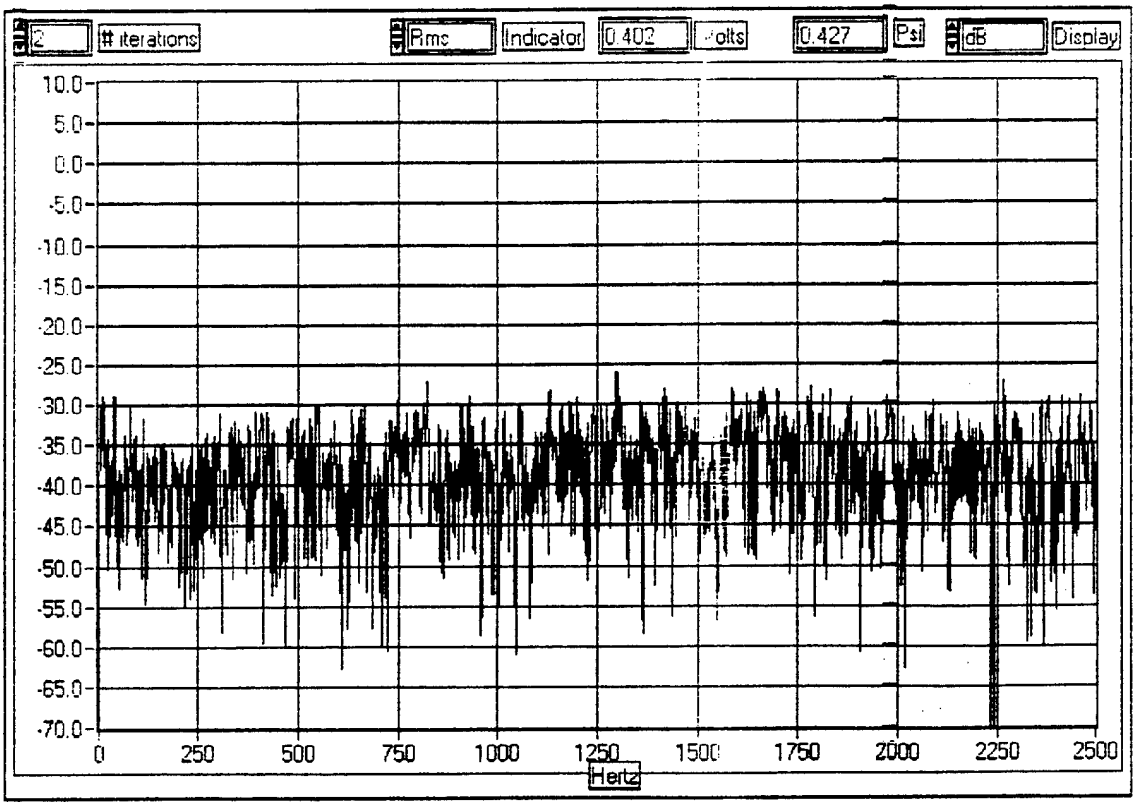
Run 37


2
iterations
Rms
Indicator
0.404
Volts
0.429
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

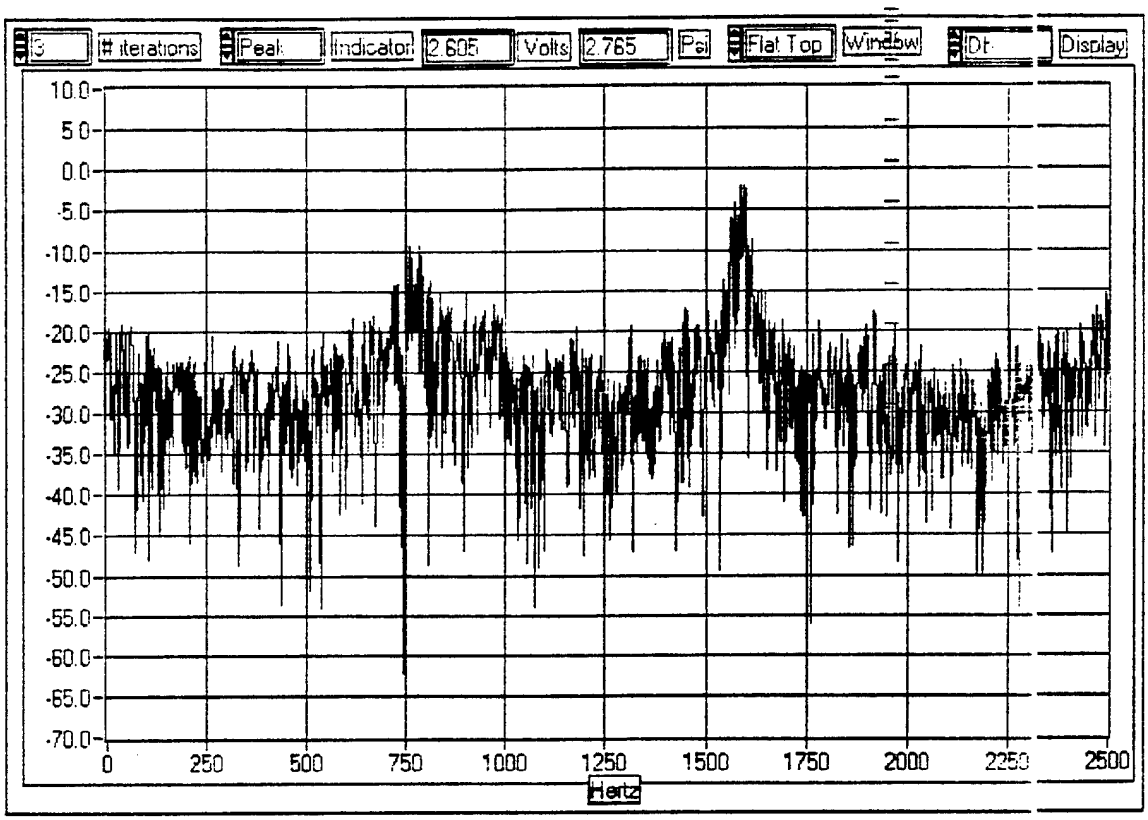
Run 39


2
iterations
Rms
Indicator
0.414
Volts
0.440
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

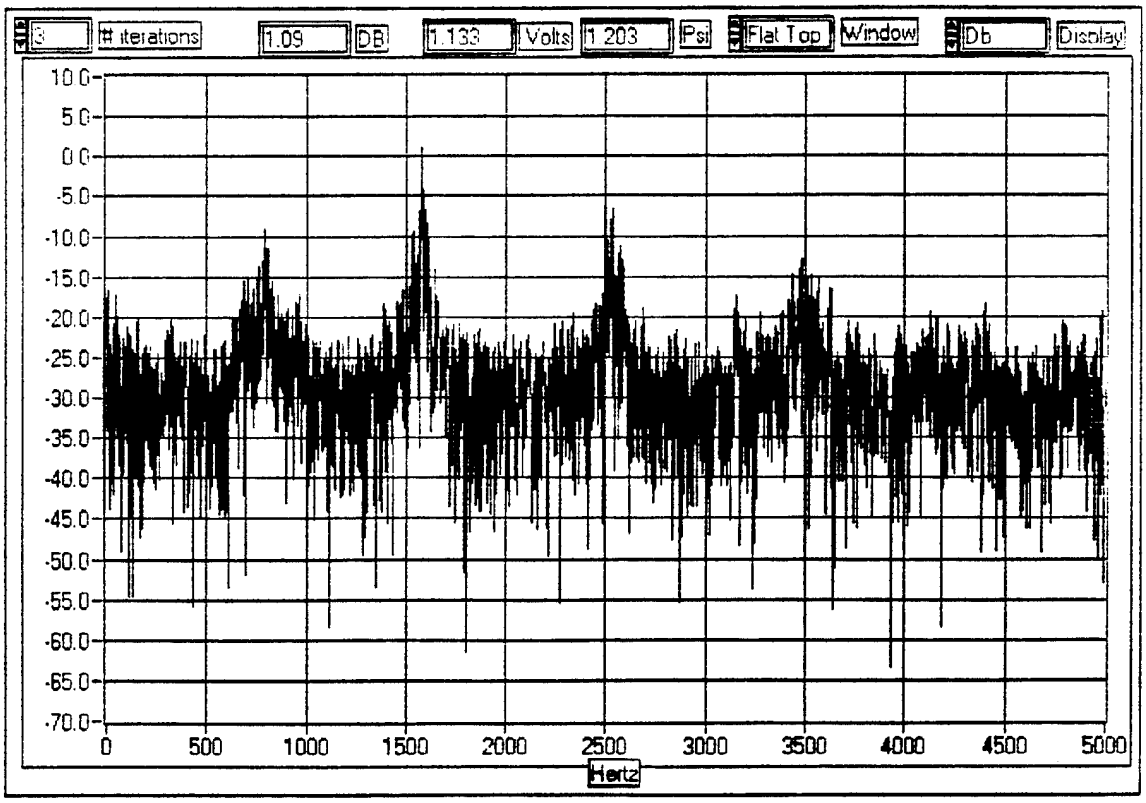
Run 40


2
iterations
Rms
Indicator
0.402
Volts
0.427
Psi
dB
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

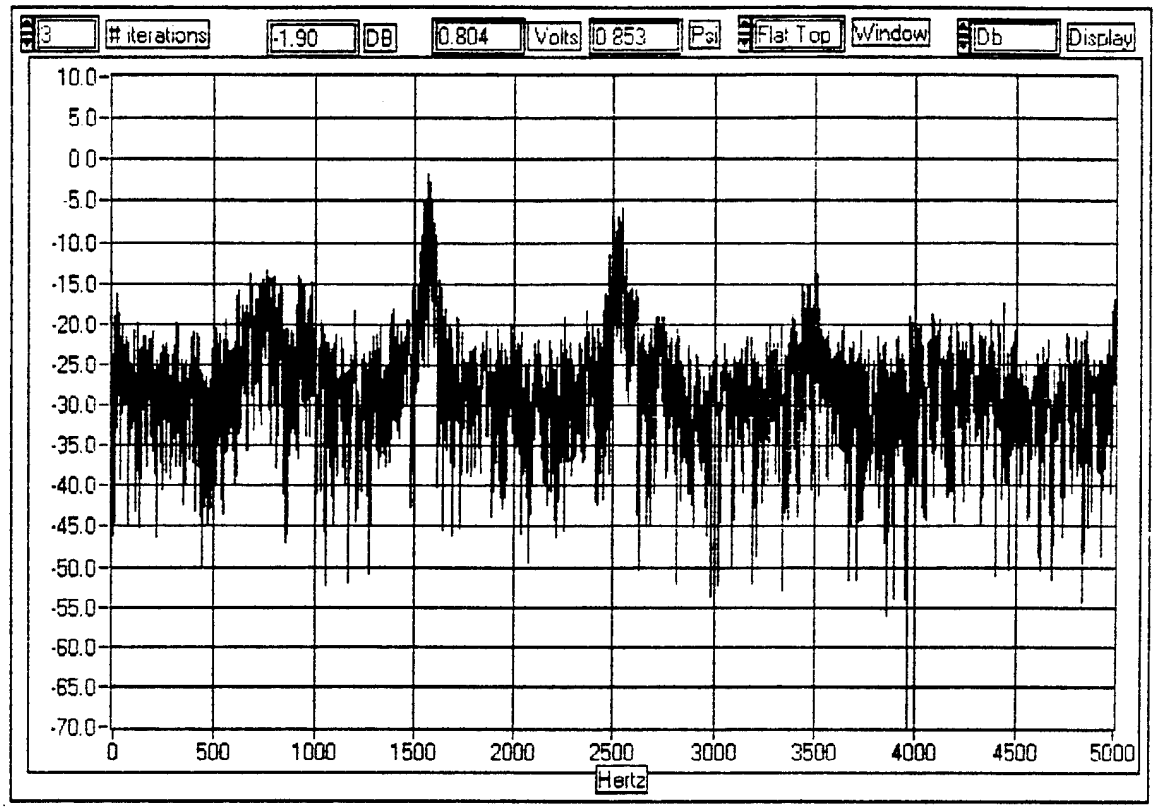
Run 41


3
iterations
Peak Indicator
2.605
Volts
2.765
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
Hertz

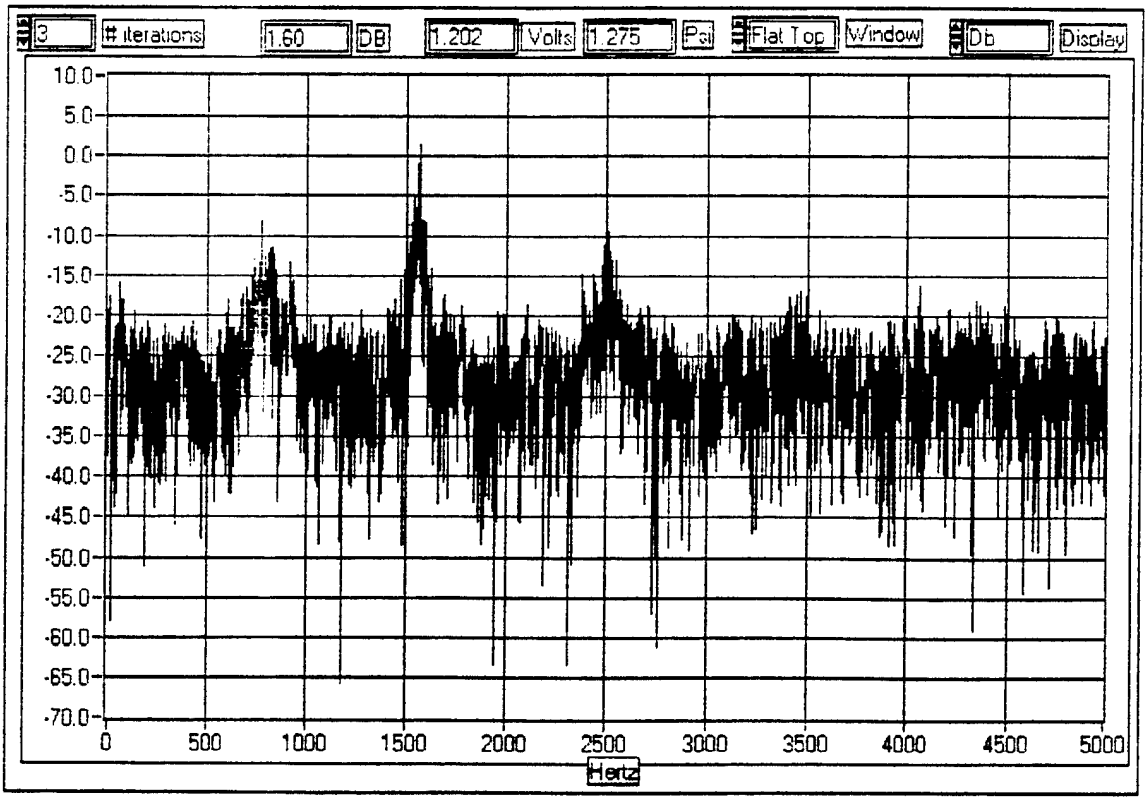
Run 43


3
iterations
1.09
DB
1.133
Volts
1.203
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

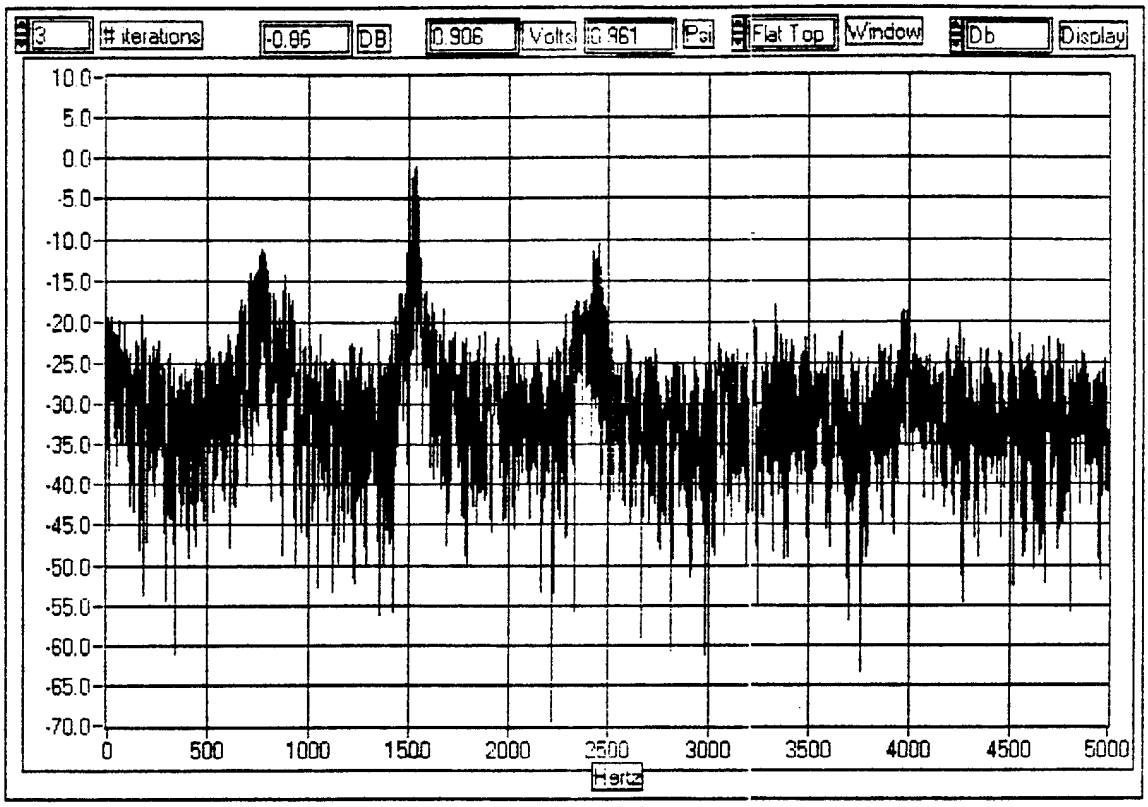
Run 44


3
iterations
-1.90
DB
0.804
Volts
0.853
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

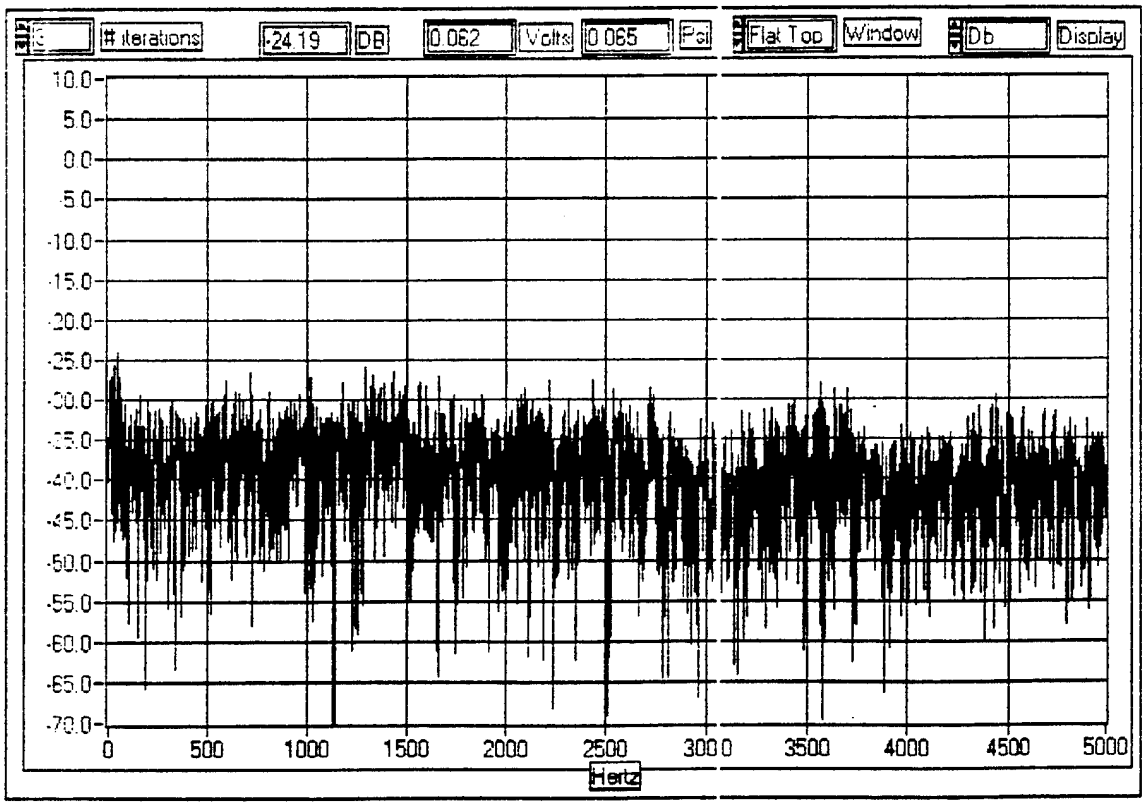
Run 45


3
iterations
1.60
DB
1.202
Volts
1.275
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

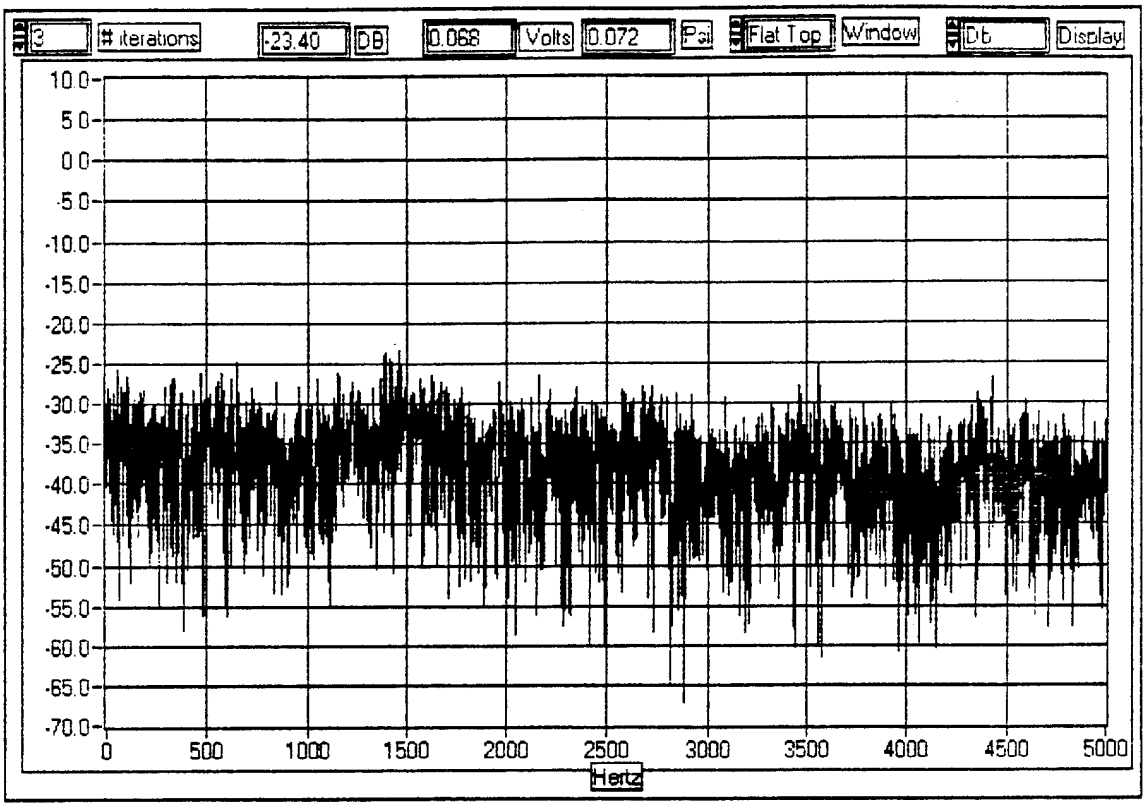
Run 46


3
iterations
-0.86
DB
0.906
Volts
0.961
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

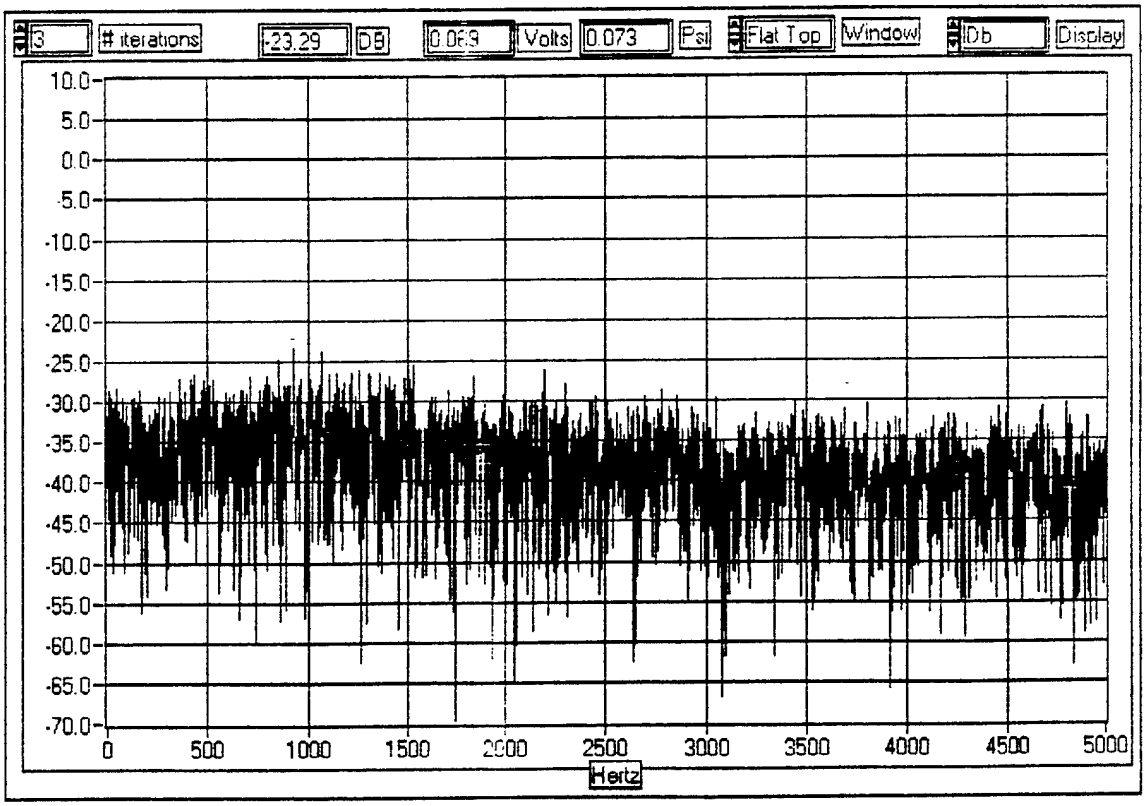
Run 48


3
iterations
-24.19
DB
0.062
Volts
0.065
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

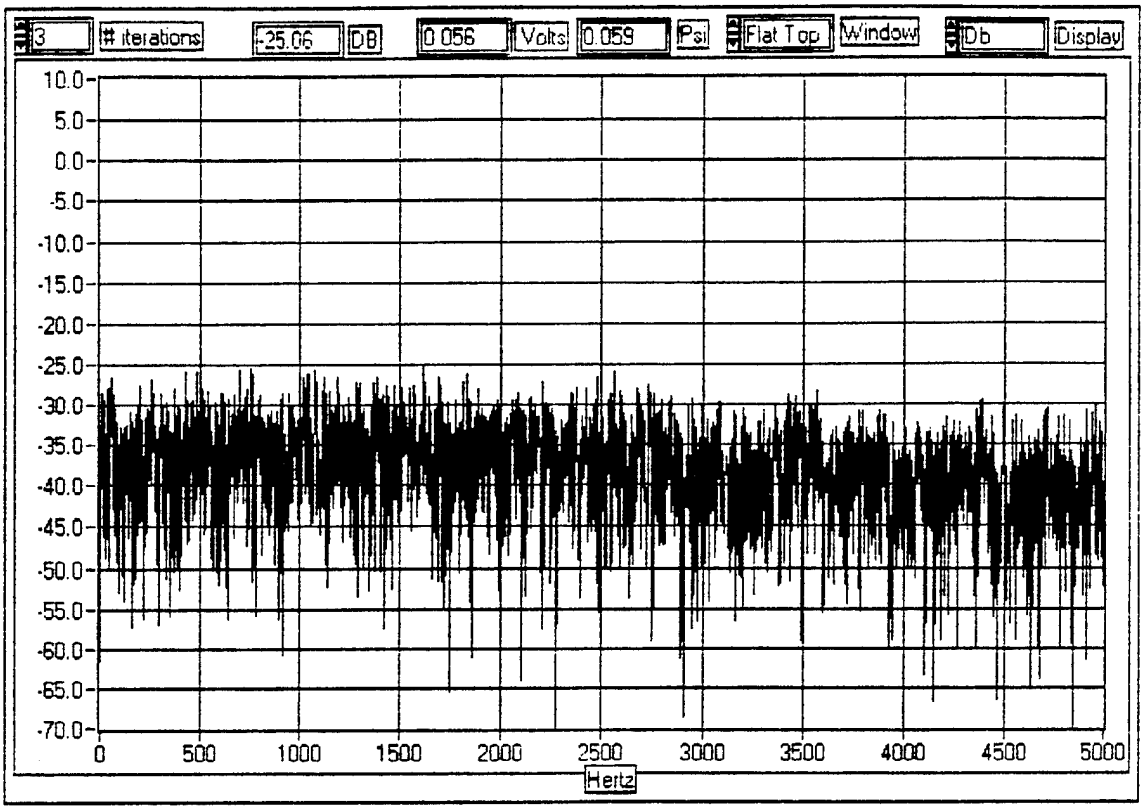
Run 49


3
iterations
-23.40
DB
0.068
Volts
0.072
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

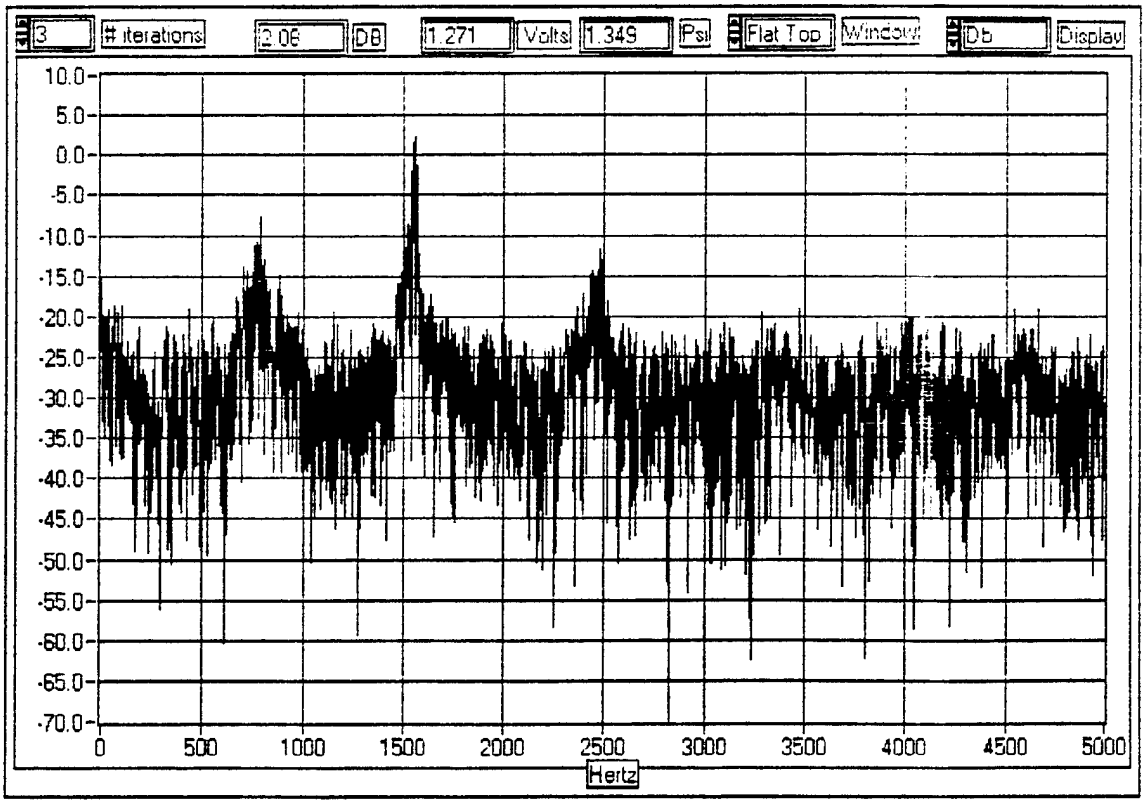
Run 50


3
iterations
-23.29
DB
Volts
0.073
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

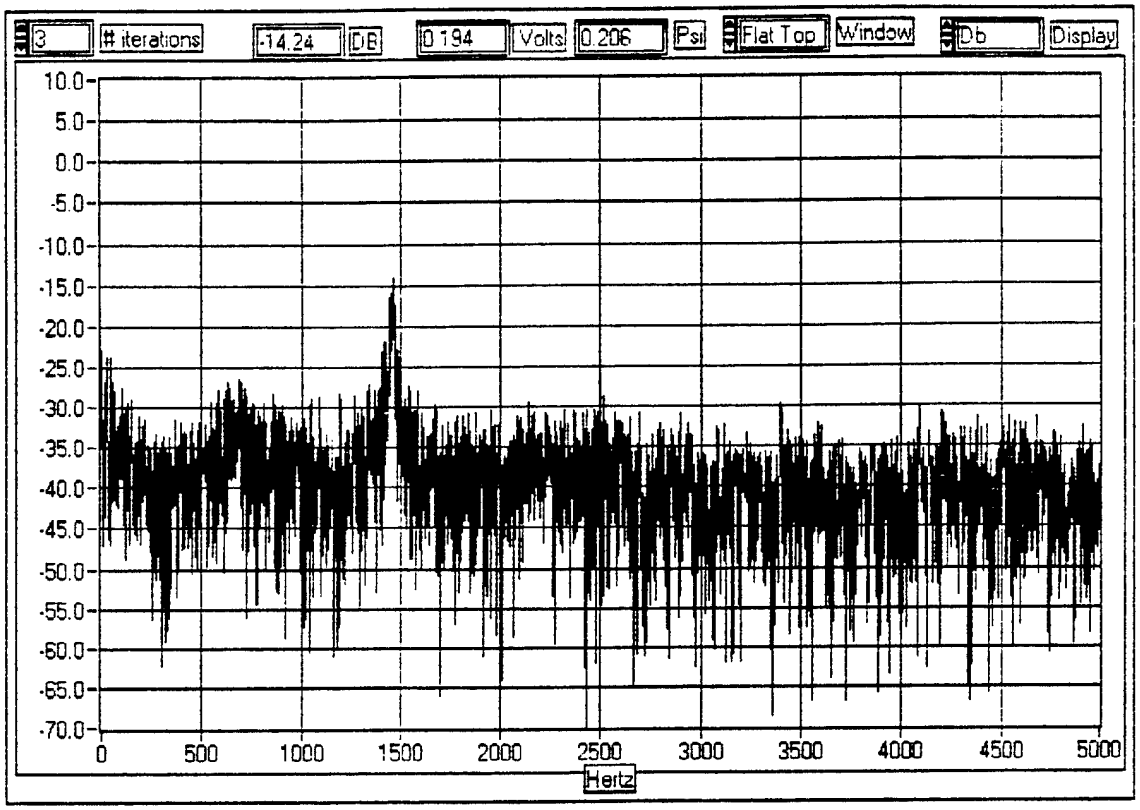
Run 51


3
iterations
-25.06
DB
0.056
Volts
0.059
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

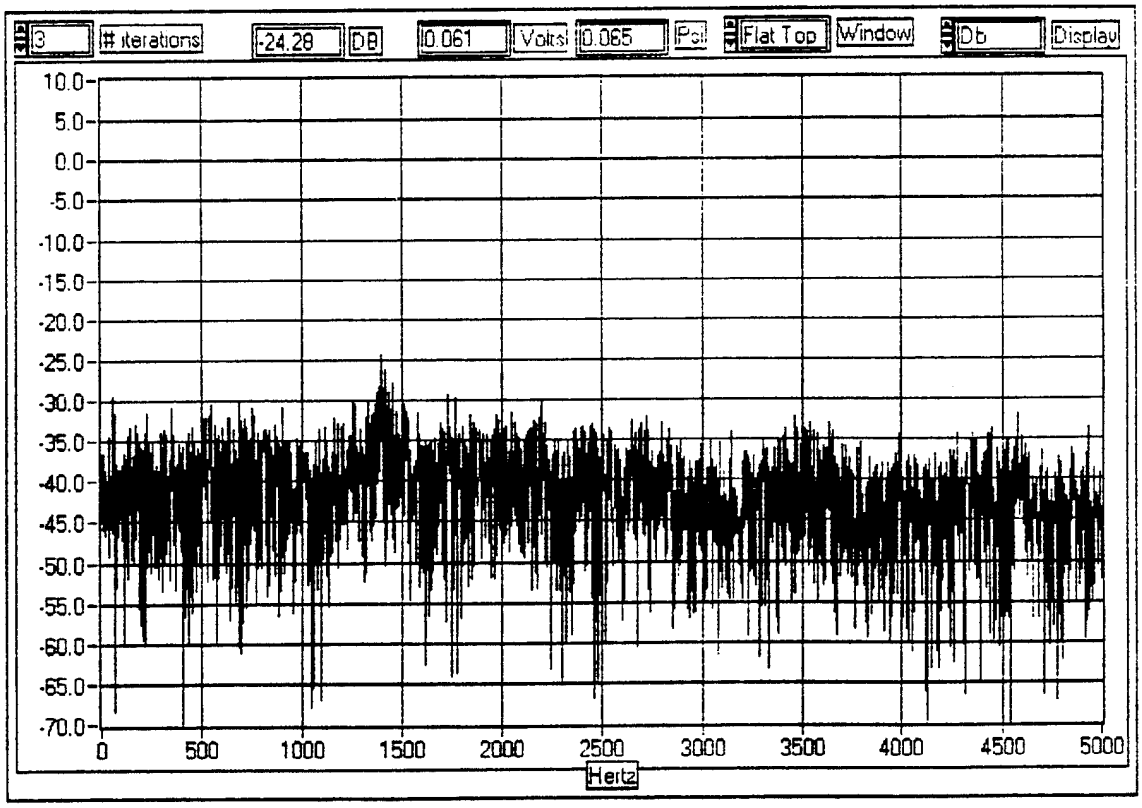
Run 52


3
iterations
2.06
DB
1.271
Volts
1.349
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

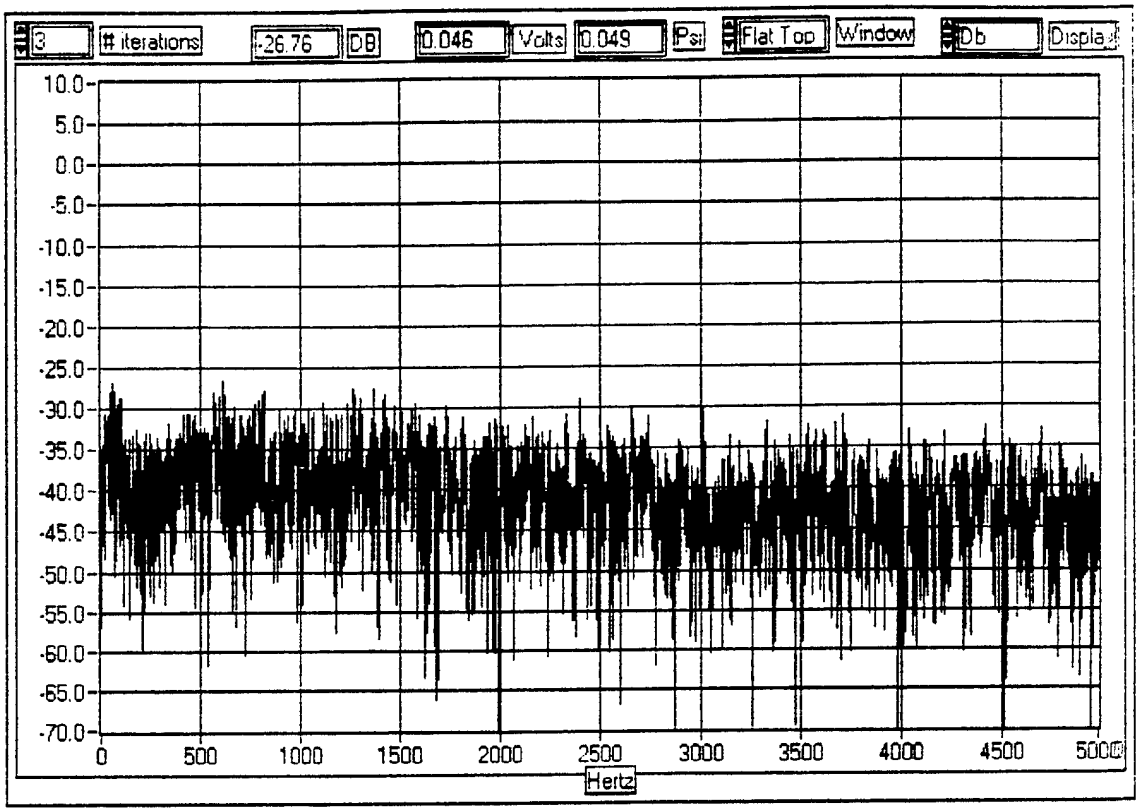
Run 53


3
iterations
-14.24
DB
0.194
Volts
0.206
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

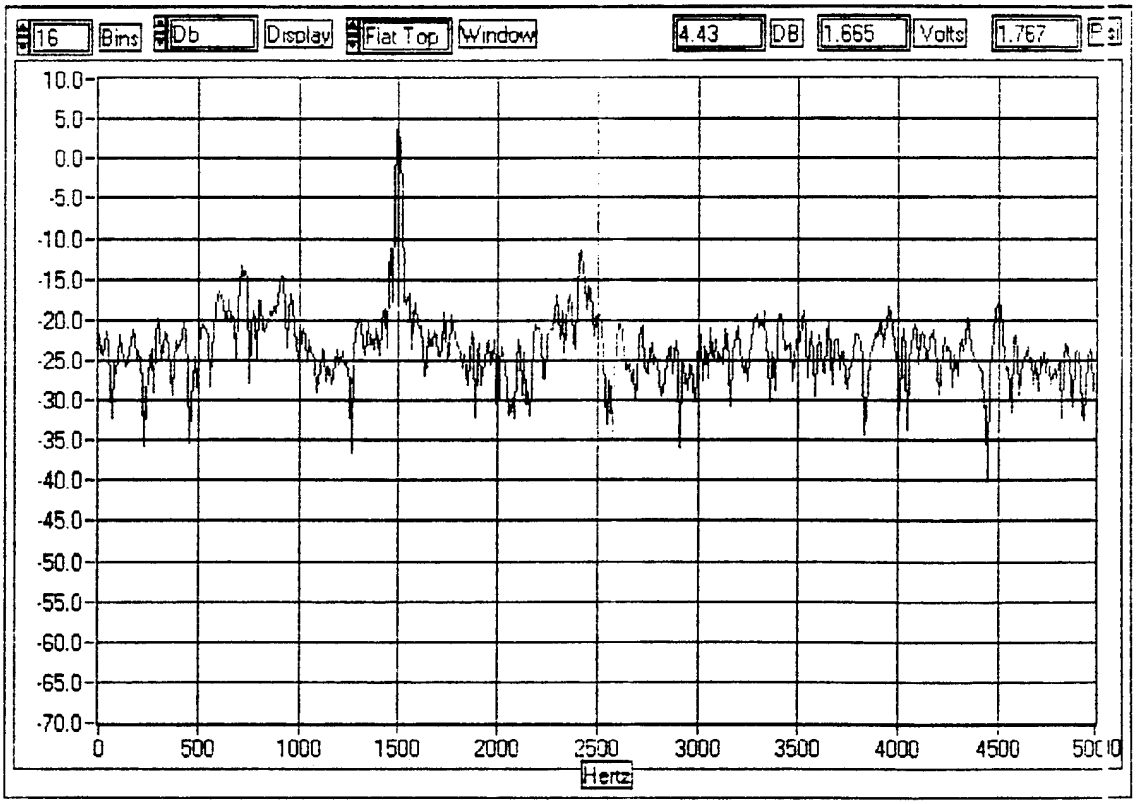
Run 54


3
iterations
-24.28
DB
0.061
Volts
0.065
Psi
Flat Top
Window
Db
Display
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

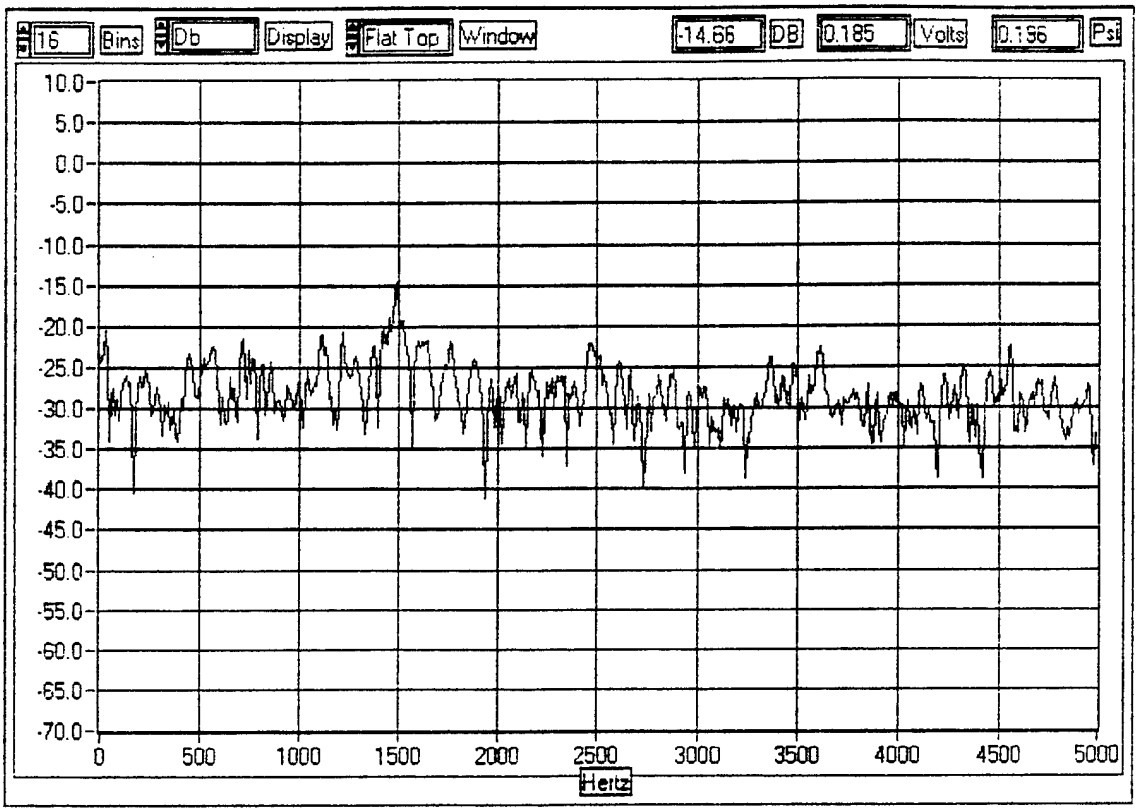
Run 55


3
iterations
-26.76
DB
0.046
Volts
0.049
Psi
Flat Top
Window
Db
Displa
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

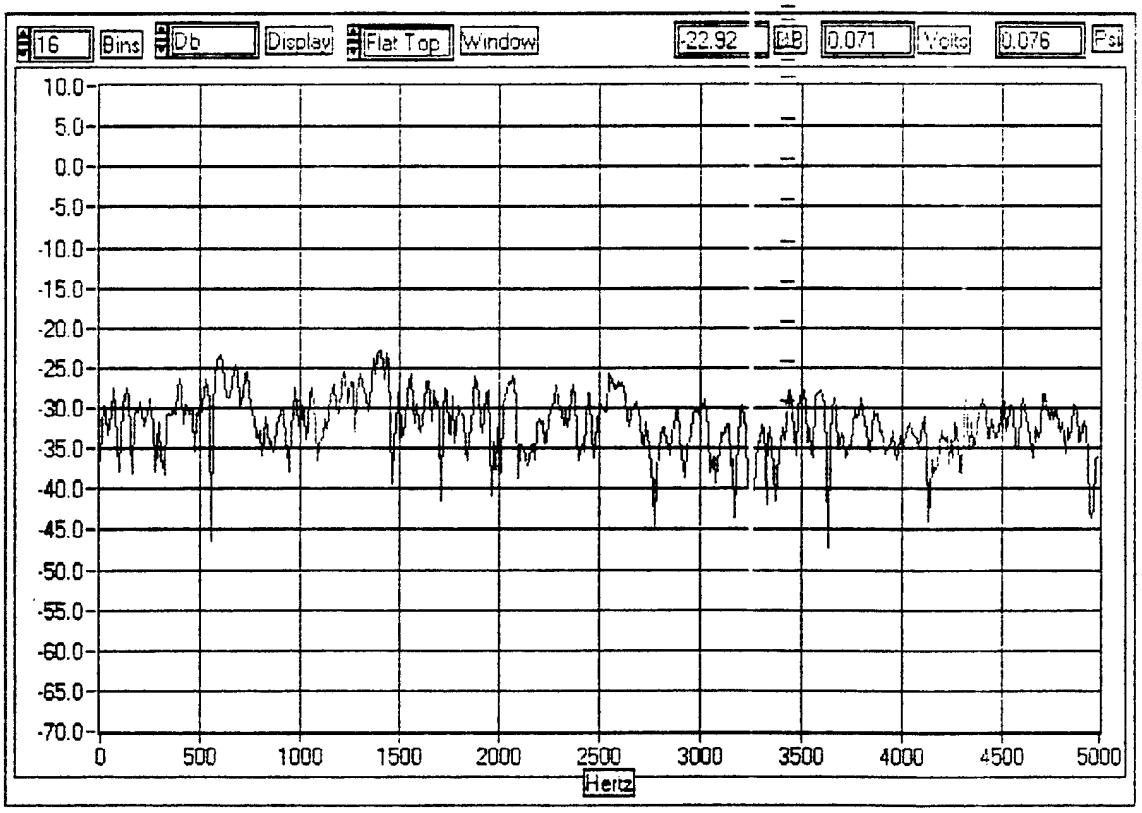
Run 57


16
Bins
Db
Display
Flat Top
Window
4.43
DB
1.665
Volts
1.767
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
Hertz

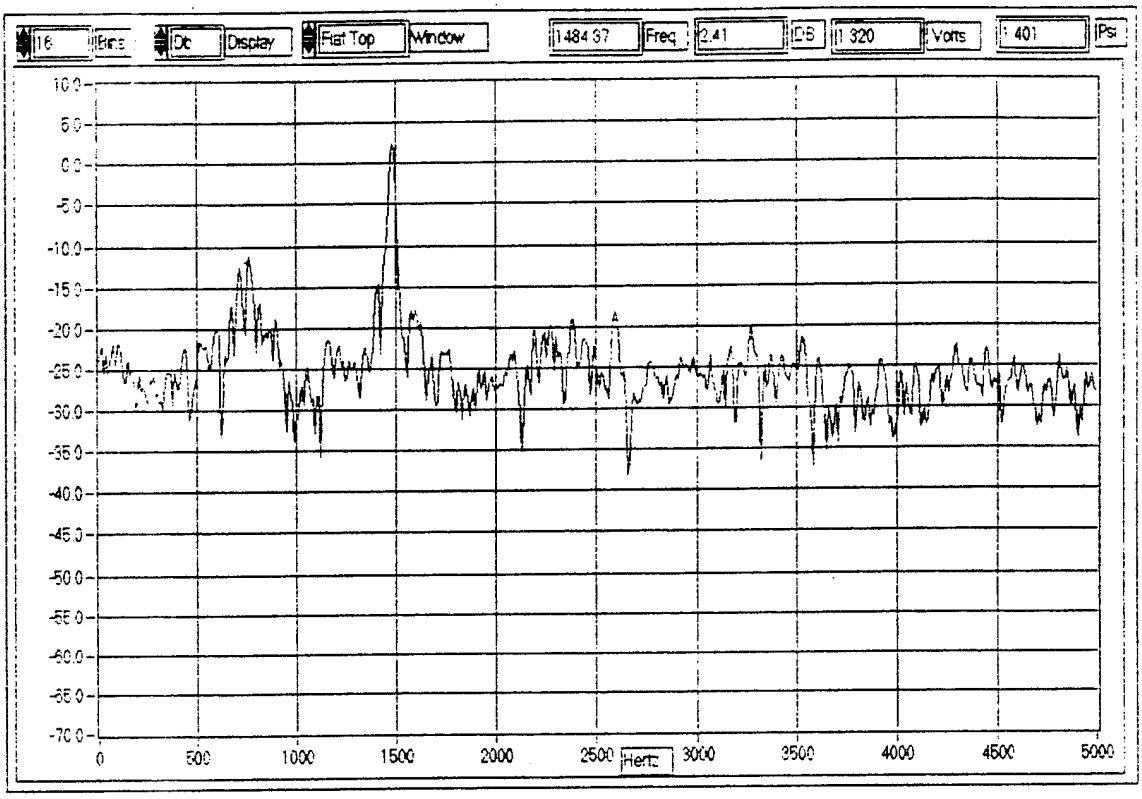
Run 59


16
Bins
Db
Display
Flat Top
Window
-14.66
DB
0.185
Volts
0.156
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

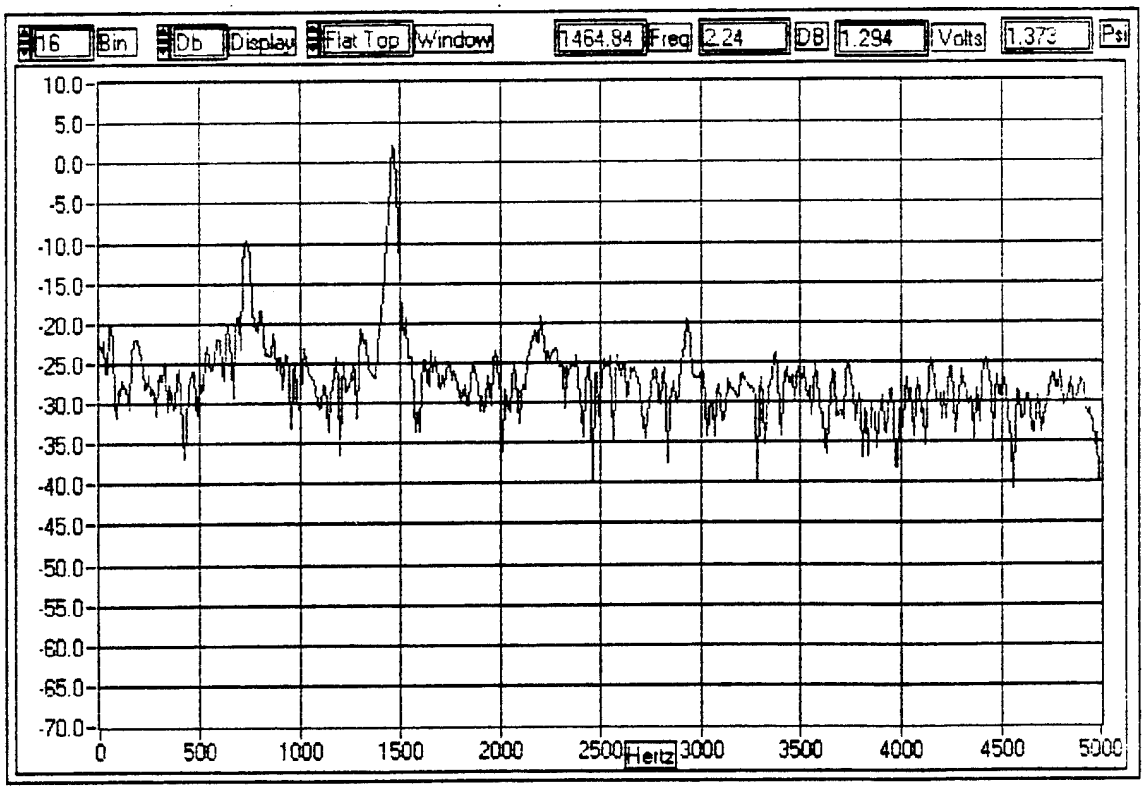
Run 60


16
Bins
Db
Display
Flat Top
Window
-22.92
dB
0.071
Volts
0.076
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
Hertz

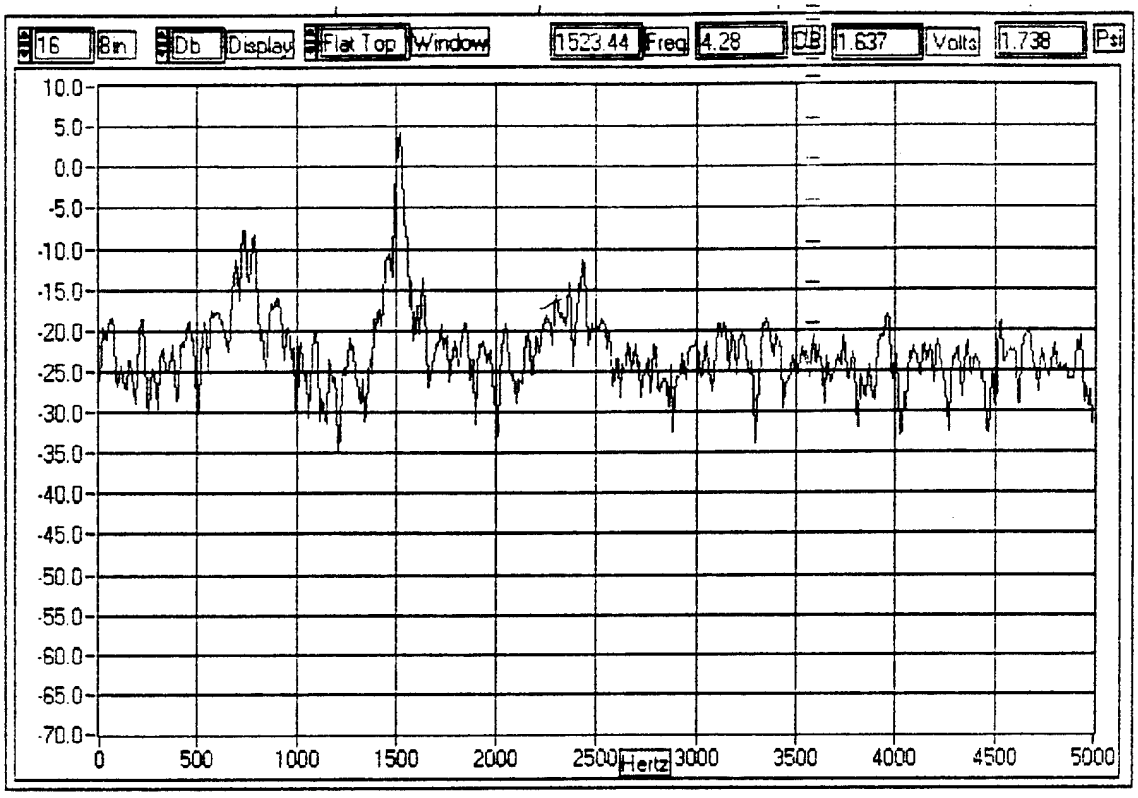
Run 62


16
Bins
Db
Display
Flat Top
Window
1484.37
Freq
2.41
DB
1.320
Volts
1.401
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

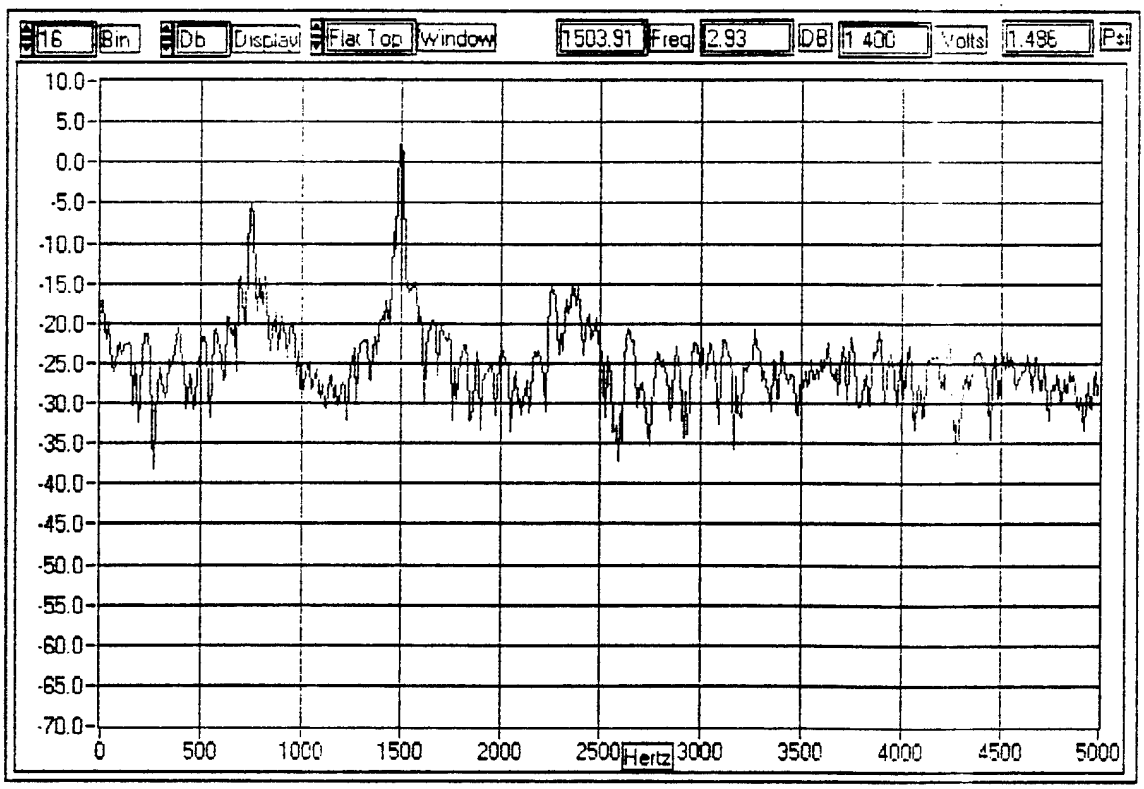
Run 67


16
Bin
Db
Display
Flat Top
Window
1464.84
Freq
2.24
DB
1.294
Volts
1.373
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

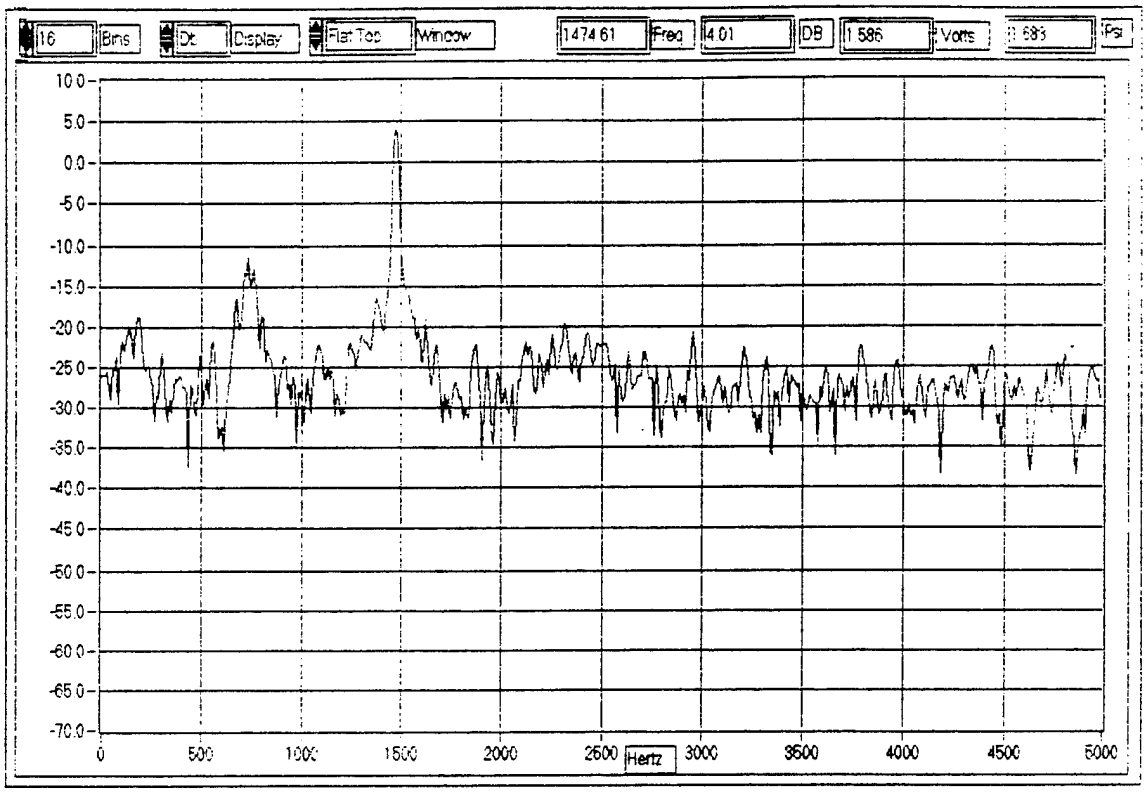
Run 68


16
8in
Db
Display
Flat Top
Window
1523.44
Freq
4.28
DB
1.637
Volts
1.738
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

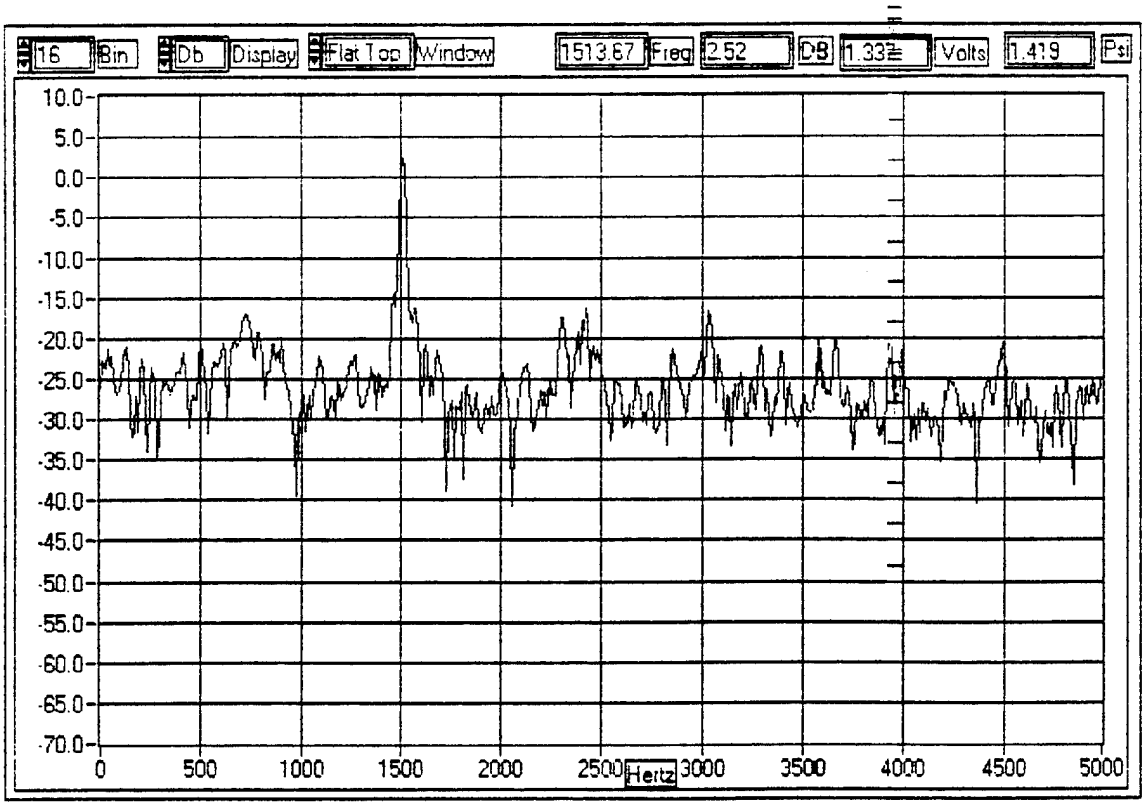
Run 70


16
Bin
Db
Display
Flat Top
Window
1503.91
Freq
2.93
DB
1.400
Volts
1.486
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

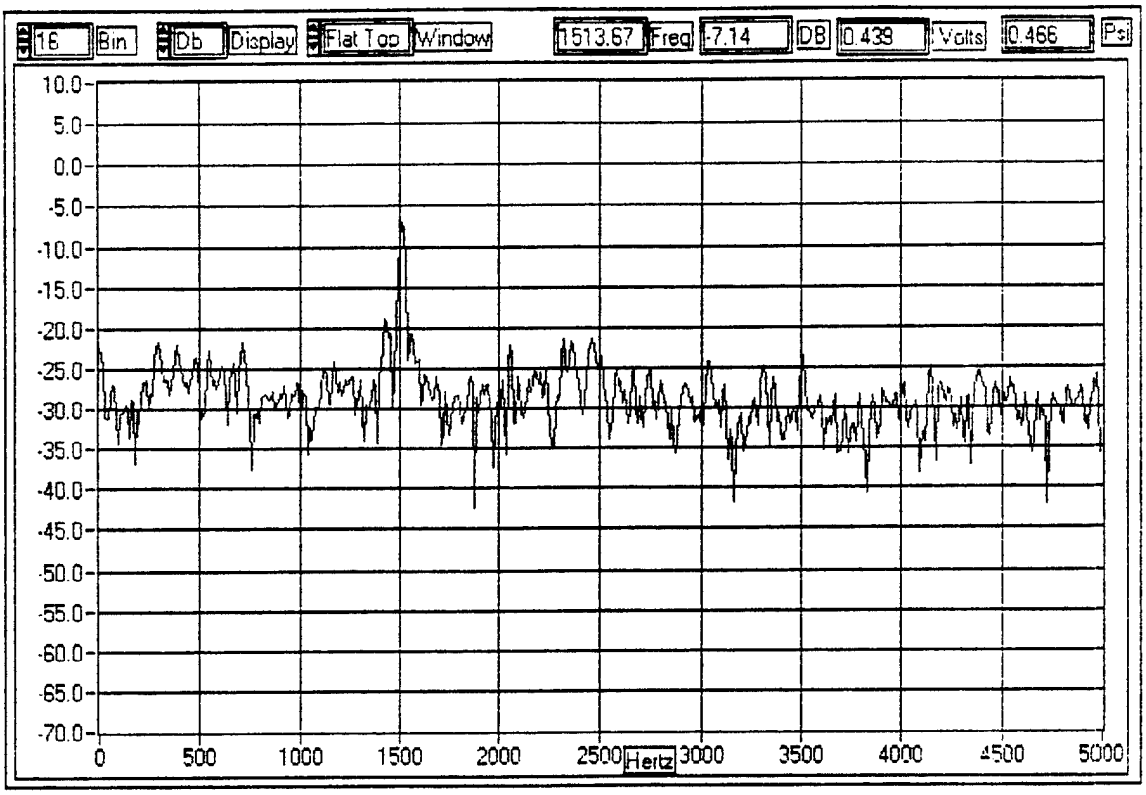
Run 71


16
Bins
Dt
Display
Flat Top
Window
1474.61
Freq
4.01
DB
1.586
Volts
.683
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

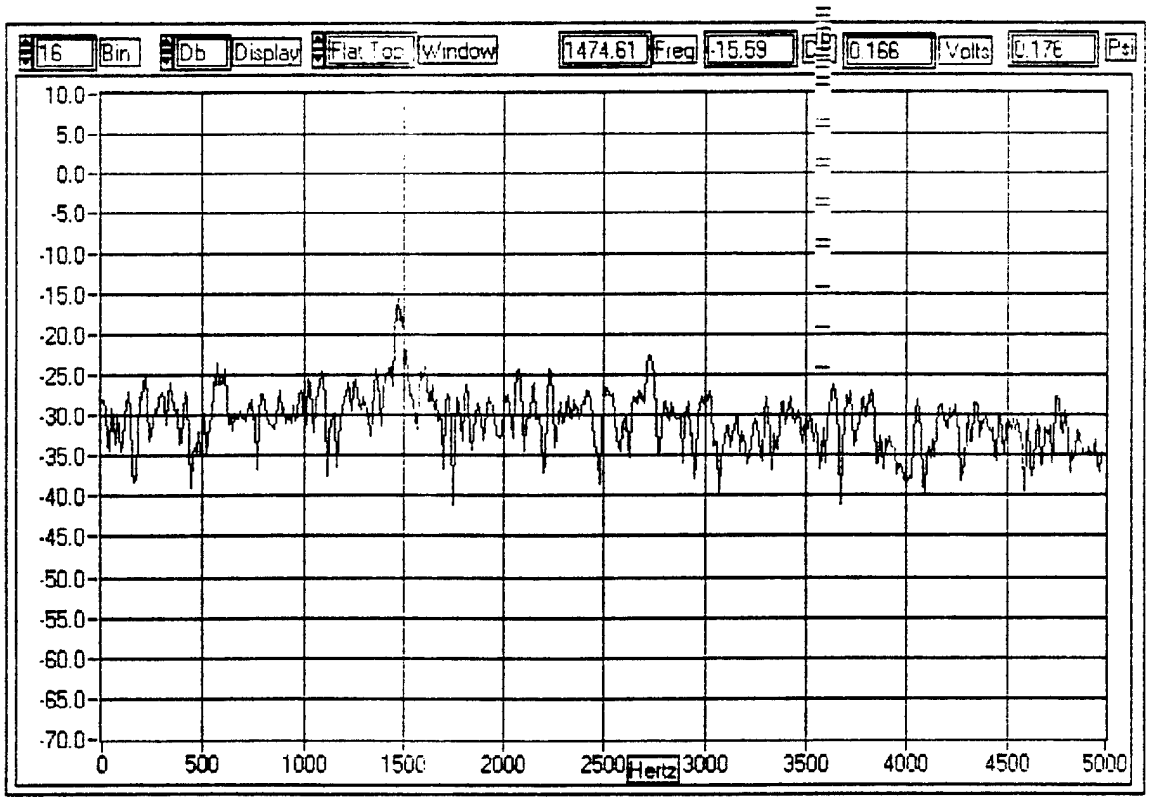
Run 72


16
Bin
Db
Display
Flat Top
Window
1513.67
Freq
2.52
DB
1.337
Volts
1.419
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

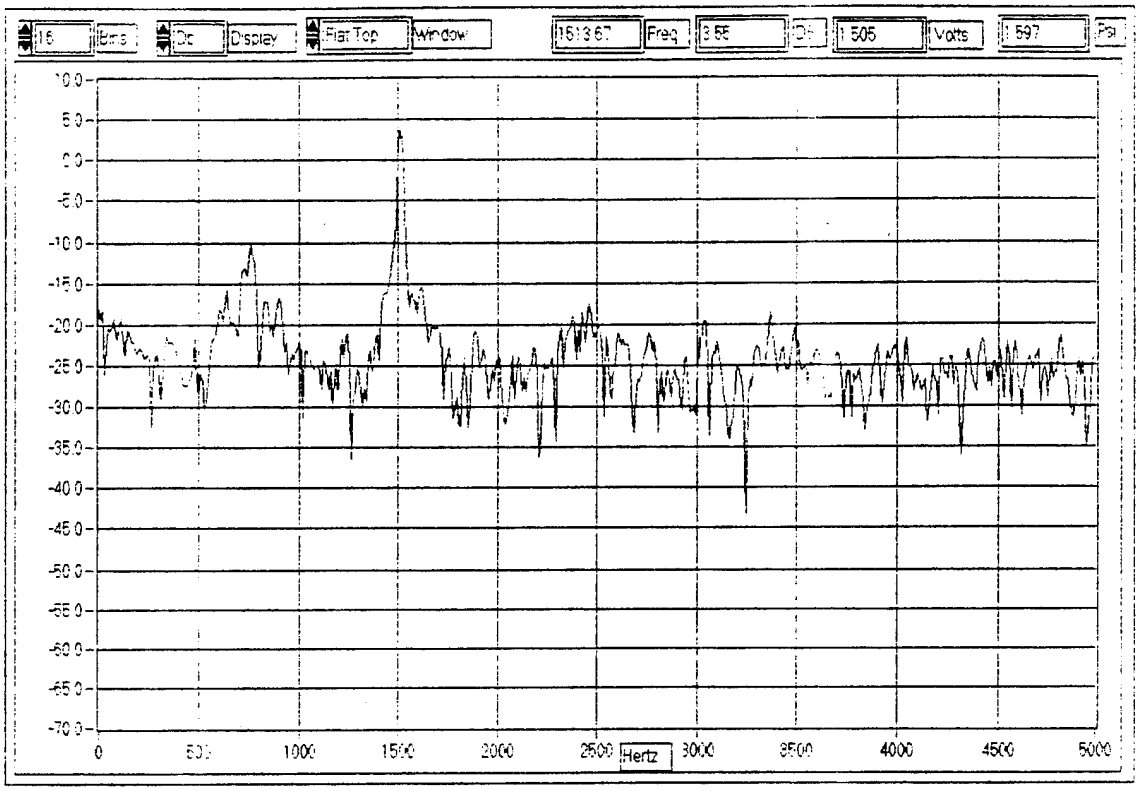
Run 75


16 Bin
Db Display
Flat Top Window
1513.67 Freq
-7.14 DB
0.439 Volts
0.466 Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

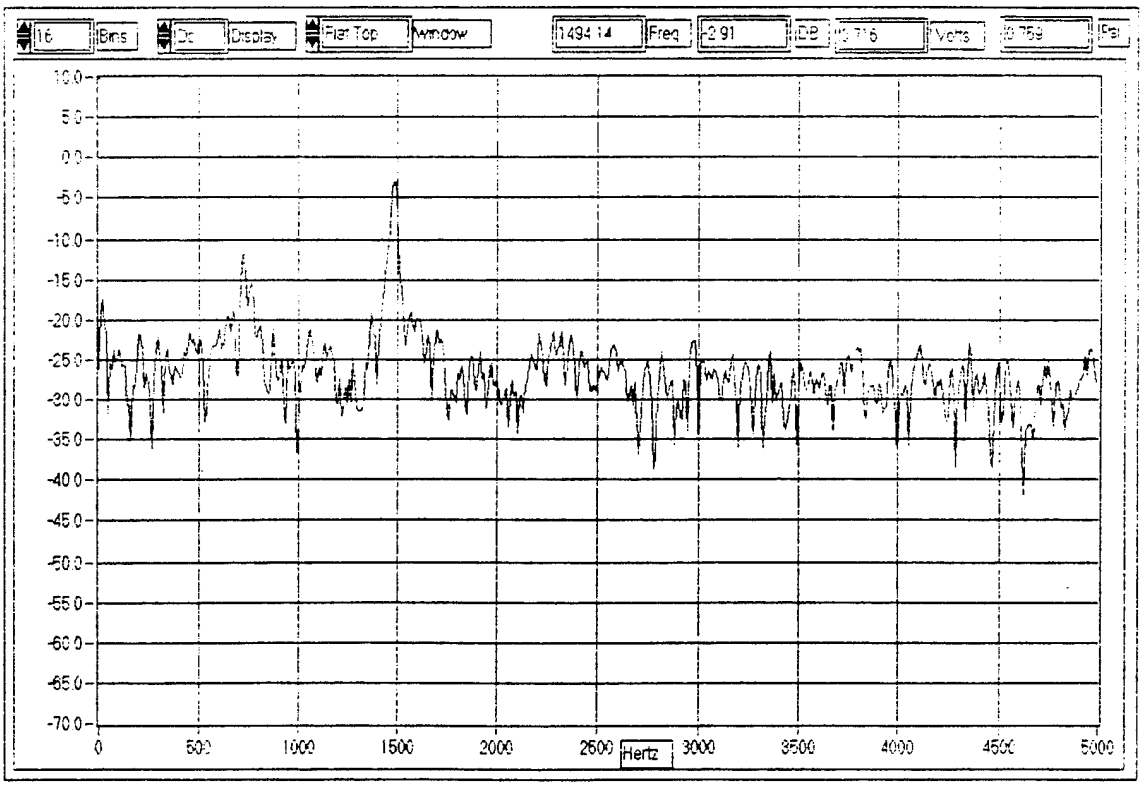
Run 76


16 Bin
Db Display
Flat Top Window
1474.61 Freq
-15.59 DB
0.166 Volts
0.176 Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

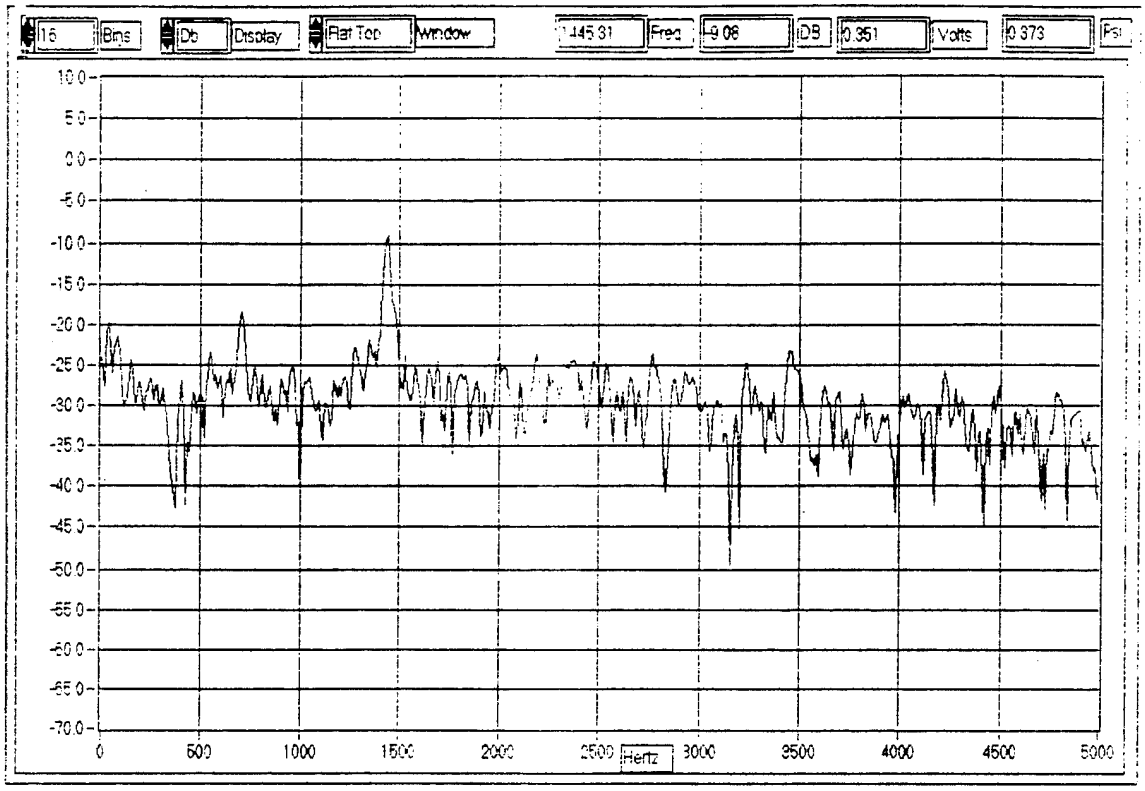
Run 77


16
Bins
Dc
Display
Flat Top
Window
1613.67
Freq
3.55
dB
1.505
Volts
1.597
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

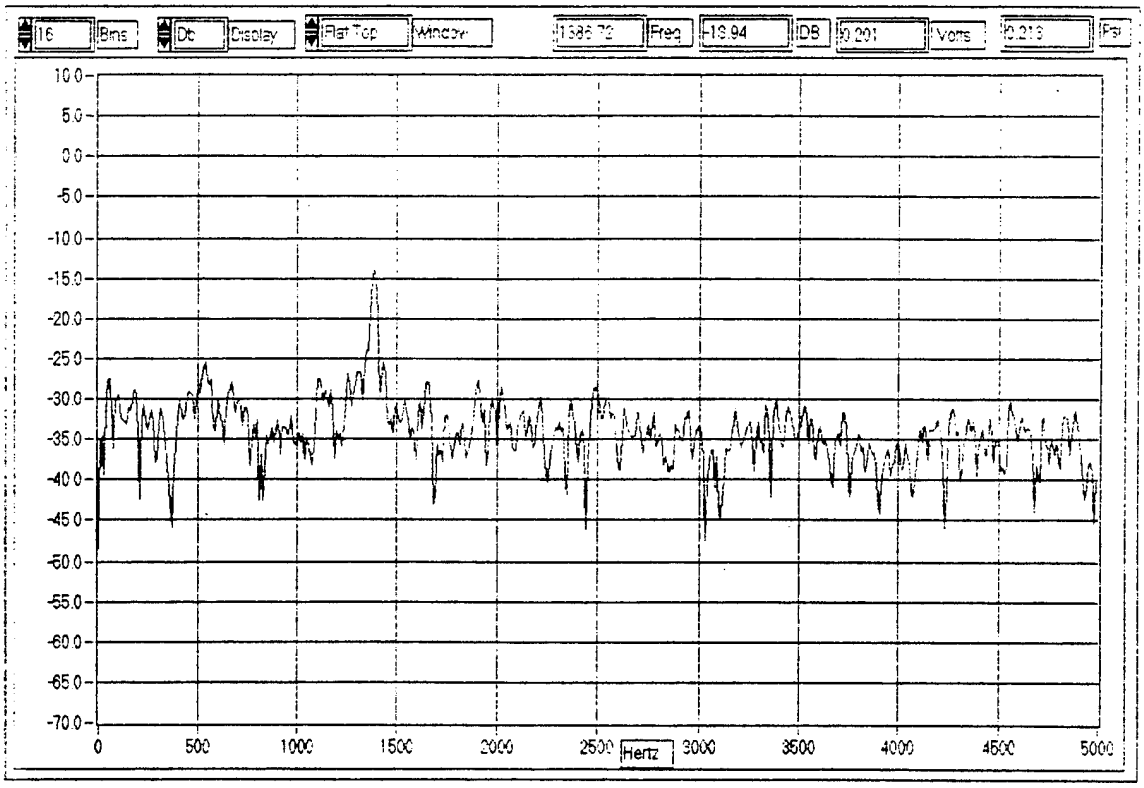
Run 79


16
Bins
Dc
Display
Flat Top
Window
1494.14
Freq
2.91
dB
1.716
Volts
1.759
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

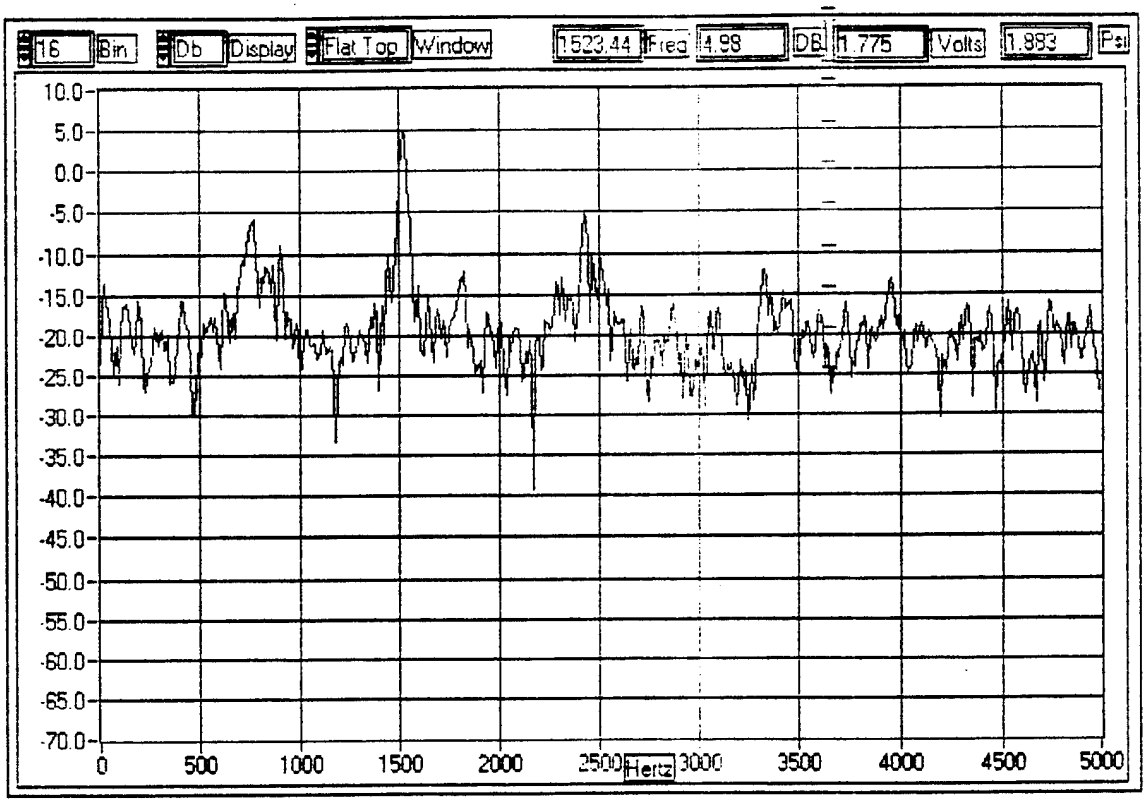
Run 80


16
Rms
Db
Display
Flat Top
Window
1445.31
Freq
-9.08
dB
0.351
Volts
0.373
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

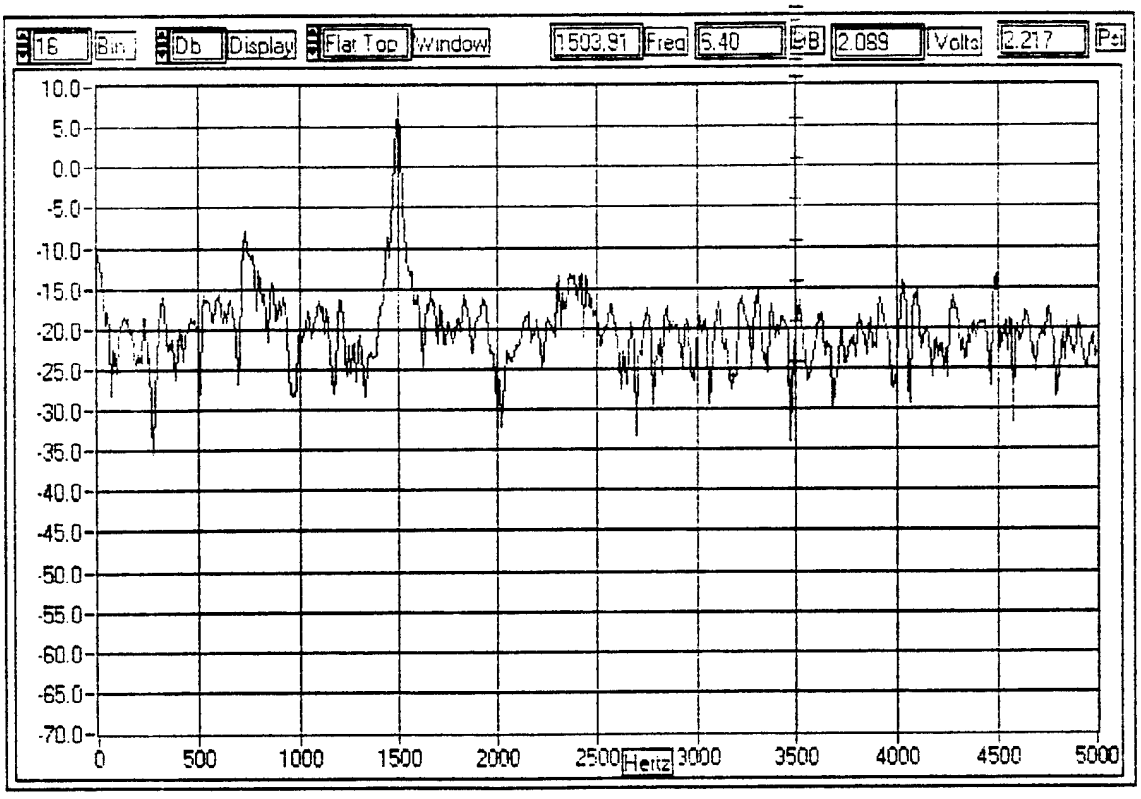
Run 81


16
Rms
Db
Display
Flat Top
Window
Freq
-13.94
dB
0.291
Volts
0.213
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

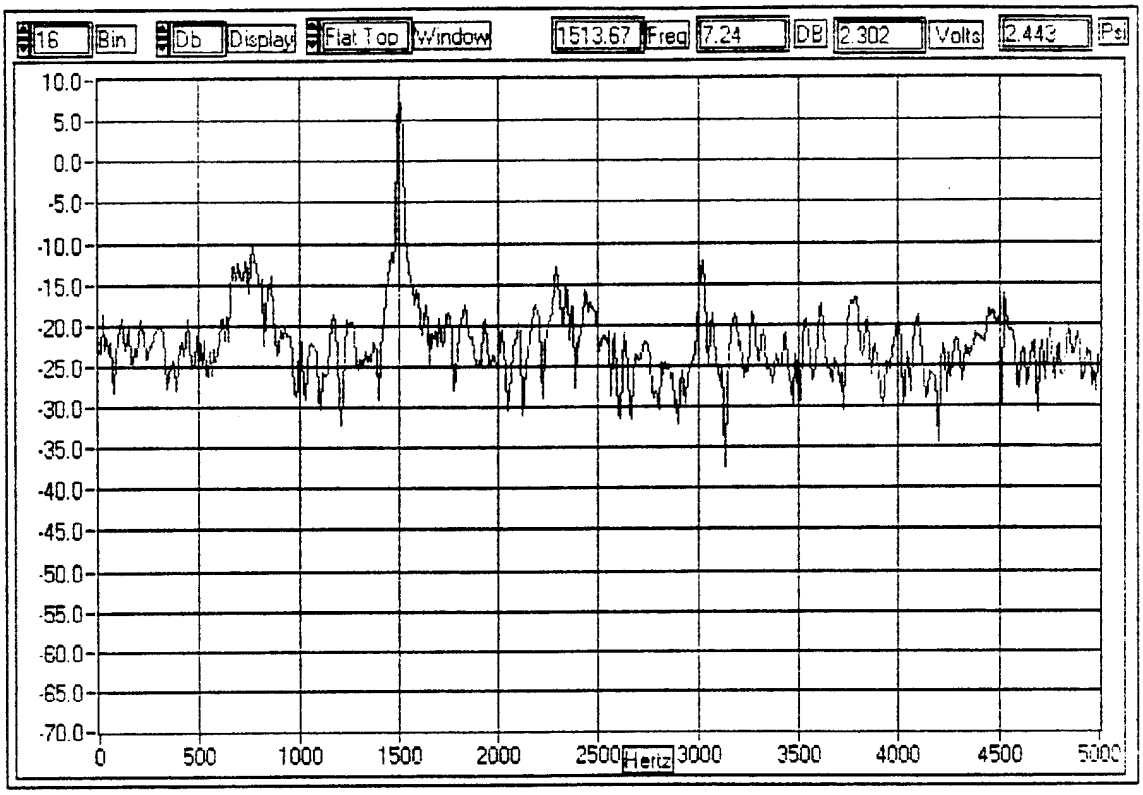
Run 82


16 Bin
Db Display
Flat Top Window
1523.44 Freq
4.98 DB
1.775 Volts
1.883 Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

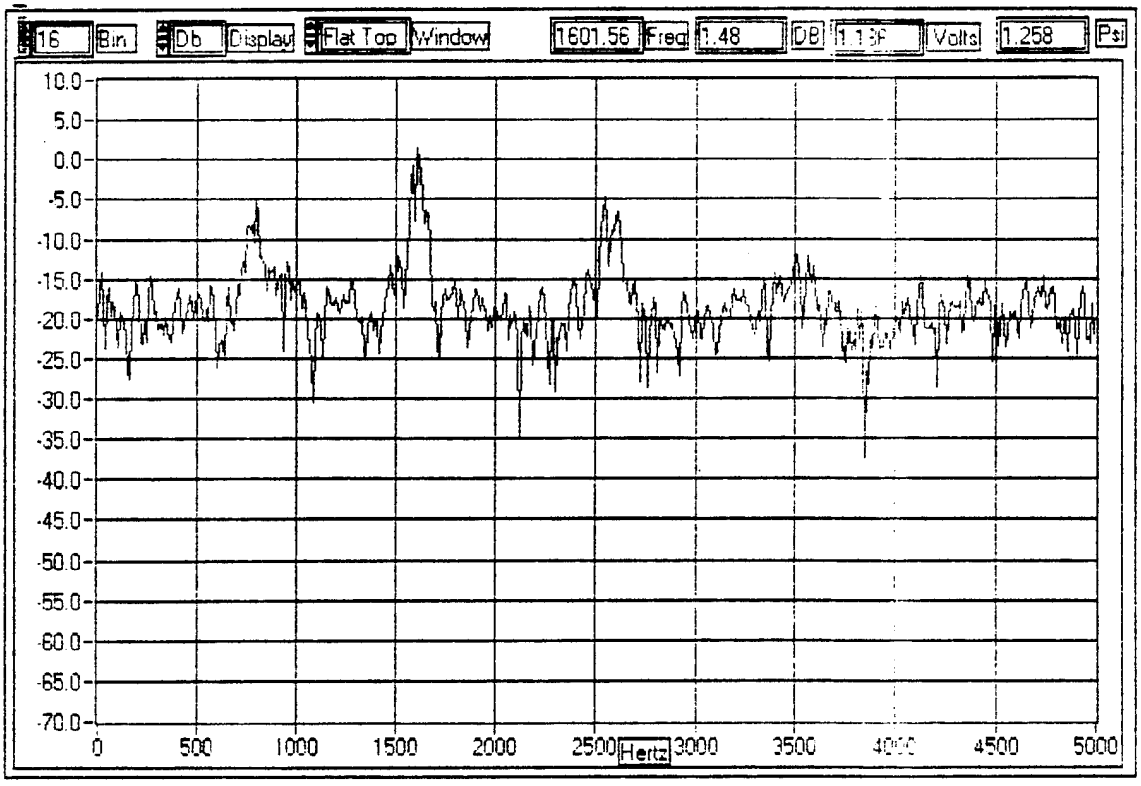
Run 84


16 Bin
Db Display
Flat Top Window
1503.91 Freq
5.40 DB
2.089 Volts
2.217 Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

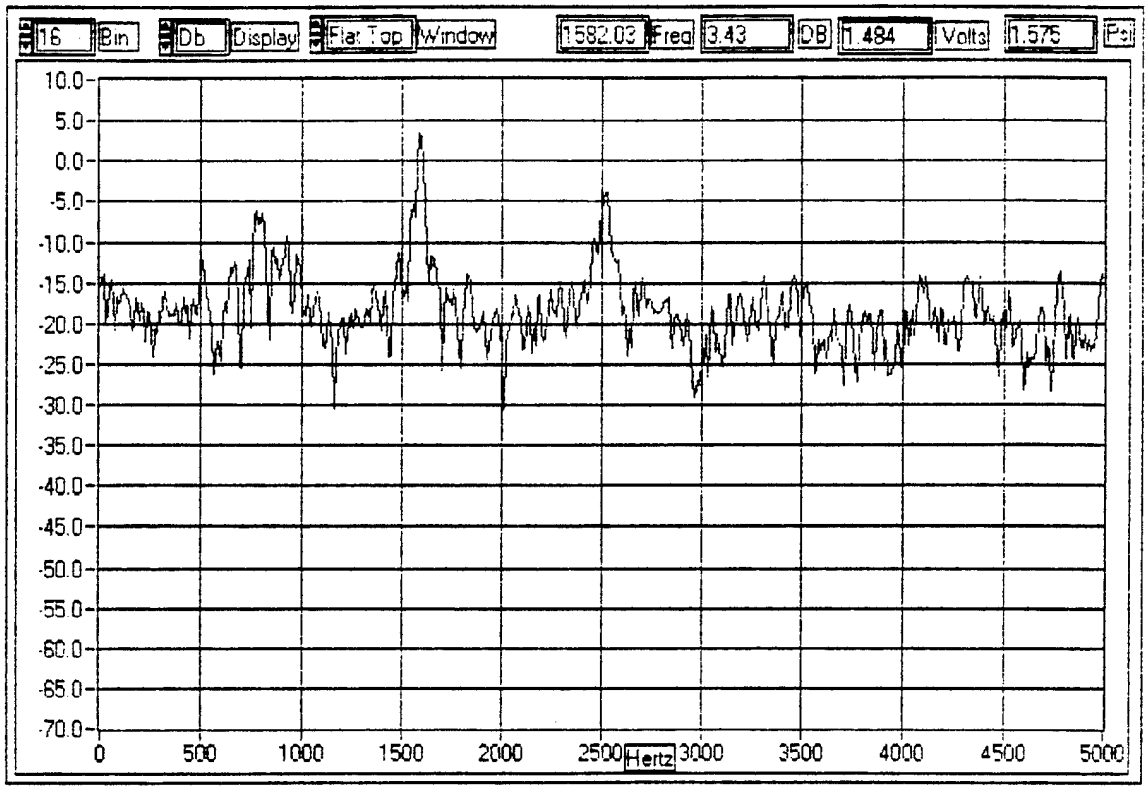
Run 85


16
Bin
Db
Display
Flat Top
Window
1513.67
Freq
7.24
DB
2.302
Volts
2.443
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

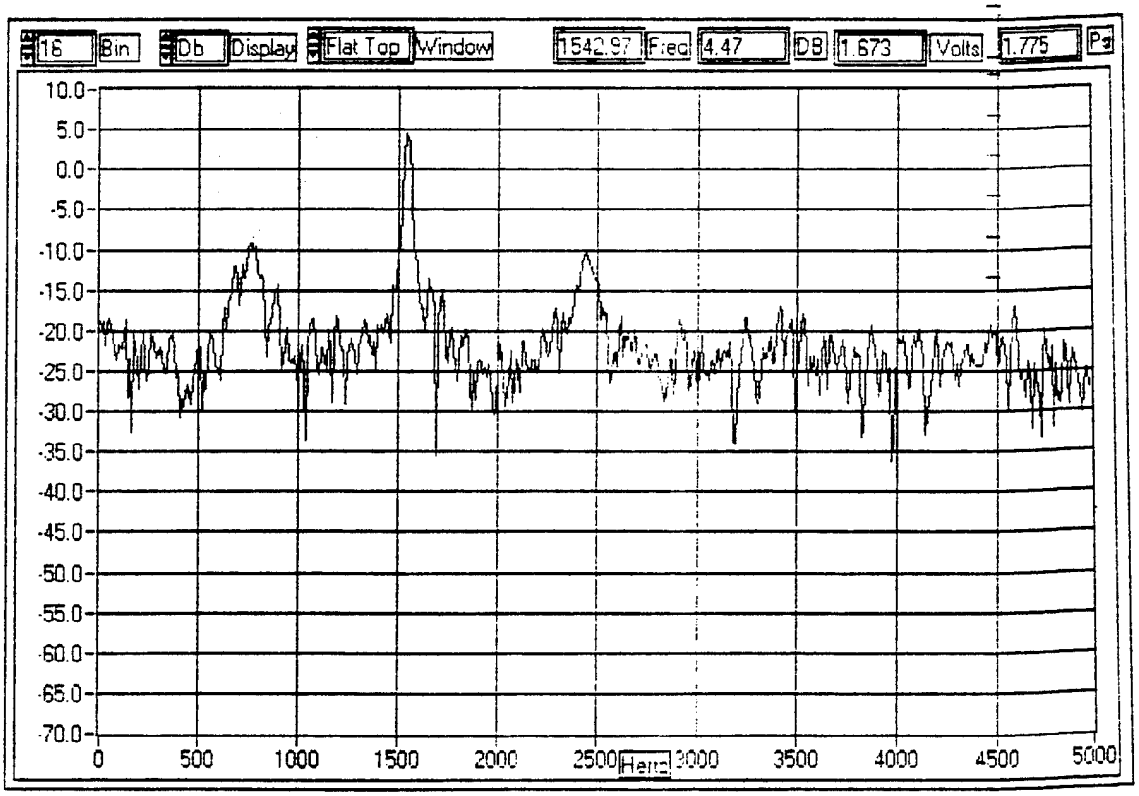
Run 86


16
Bin
Db
Display
Flat Top
Window
1601.56
Freq
1.48
DB
Volts
1.258
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4500
5000

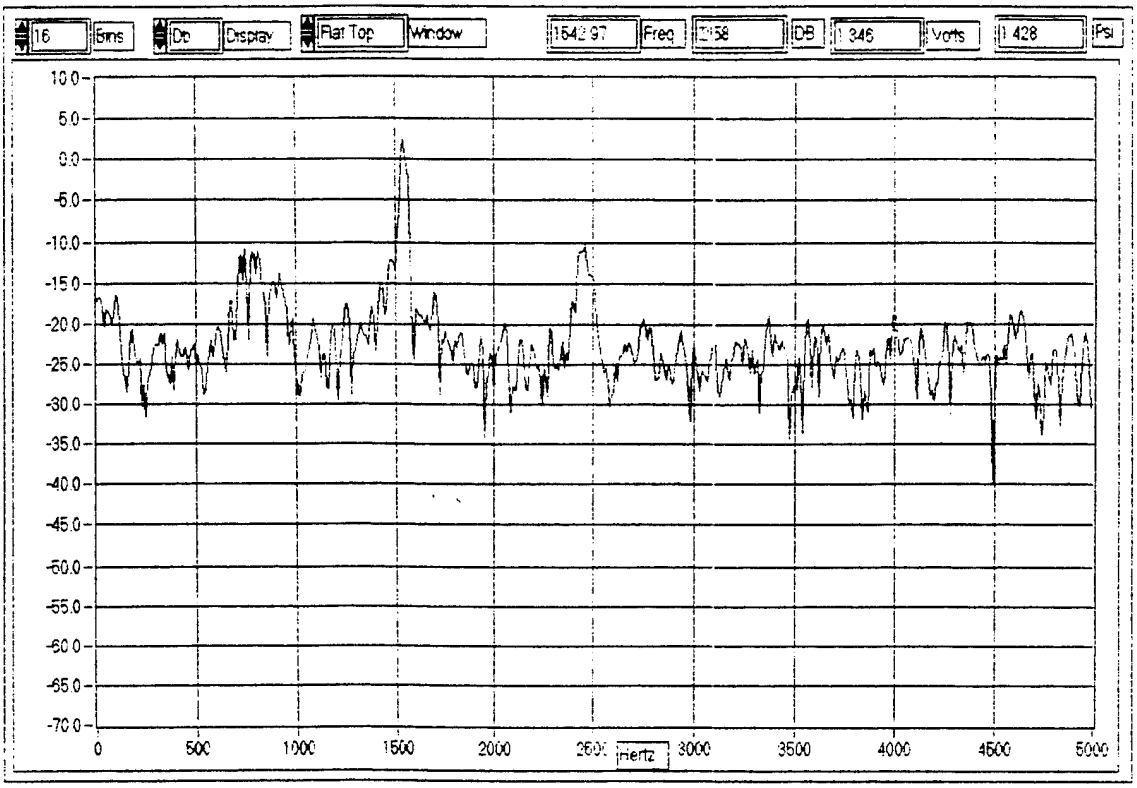
Run 88


16 Bin
Db Display
Flat Top Window
1582.03 Freq
3.43 DB
1.484 Volts
1.575
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

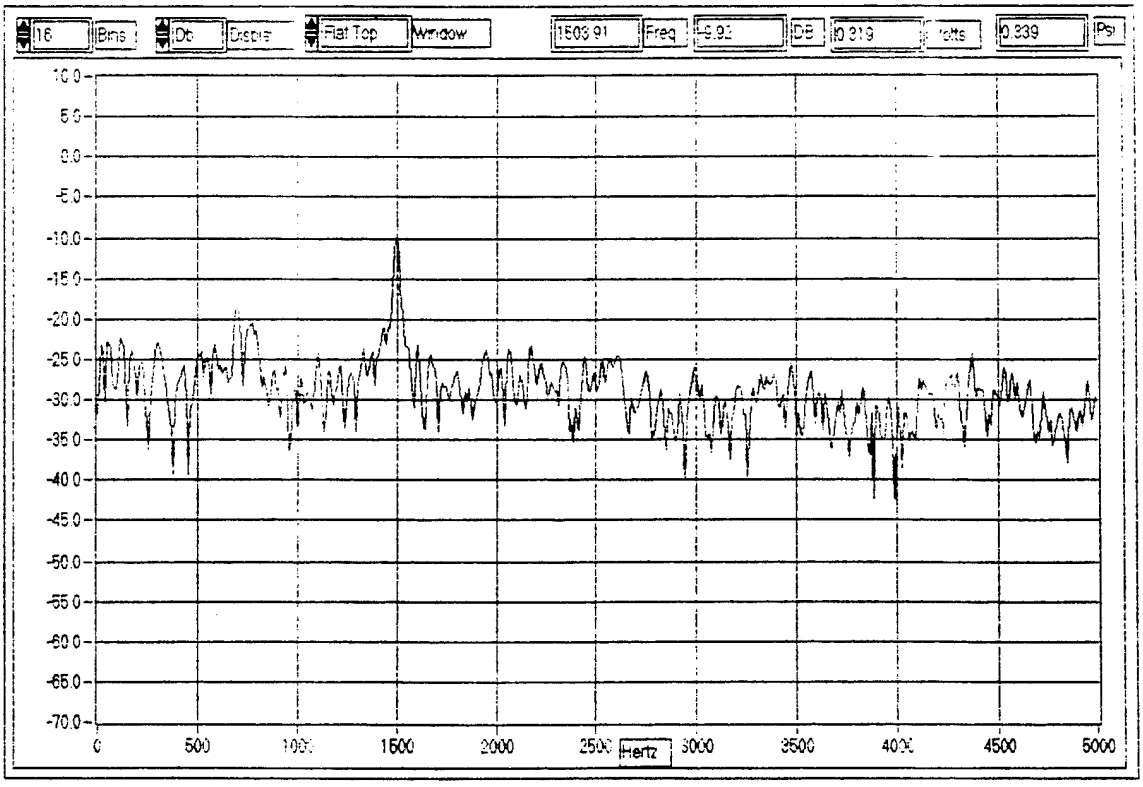
Run 89


16 Bin
Db Display
Flat Top Window
1542.97 Freq
4.47 DB
1.673 Volts
1.775
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

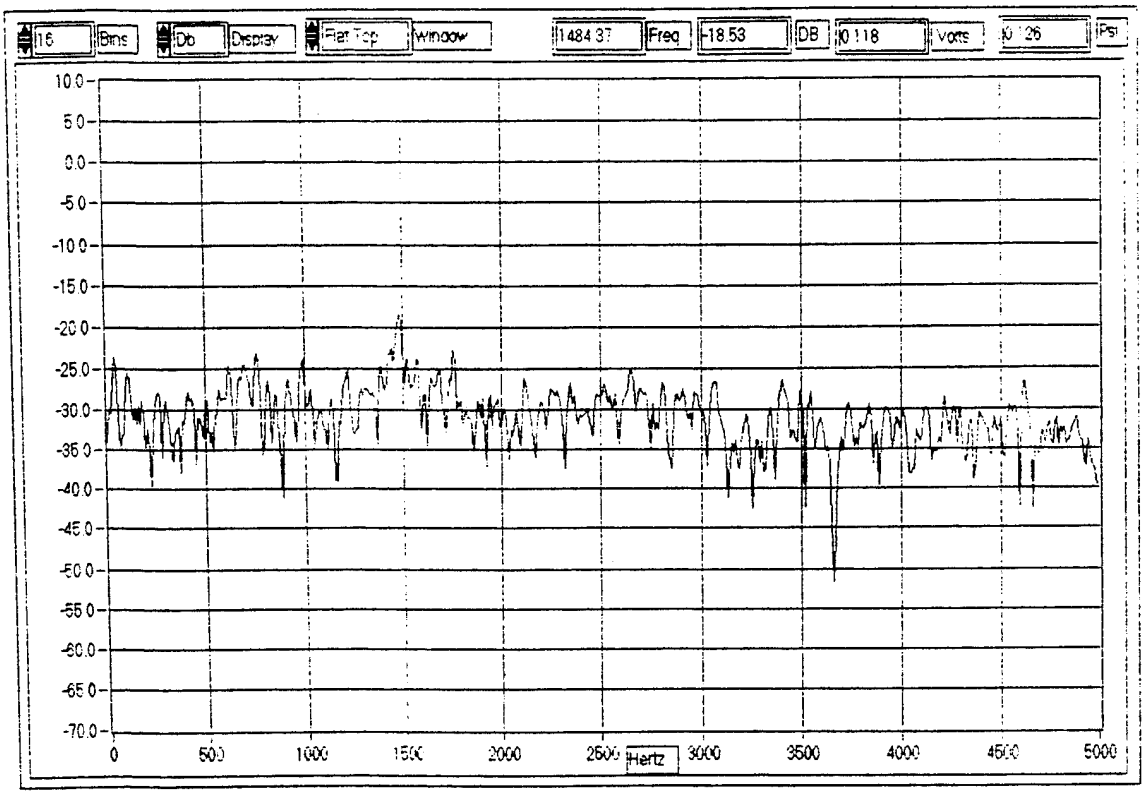
Run 90


16
Bins
Db
Display
Flat Top
Window
1542.97
Freq
-2.58
DB
1.346
Volts
1.428
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

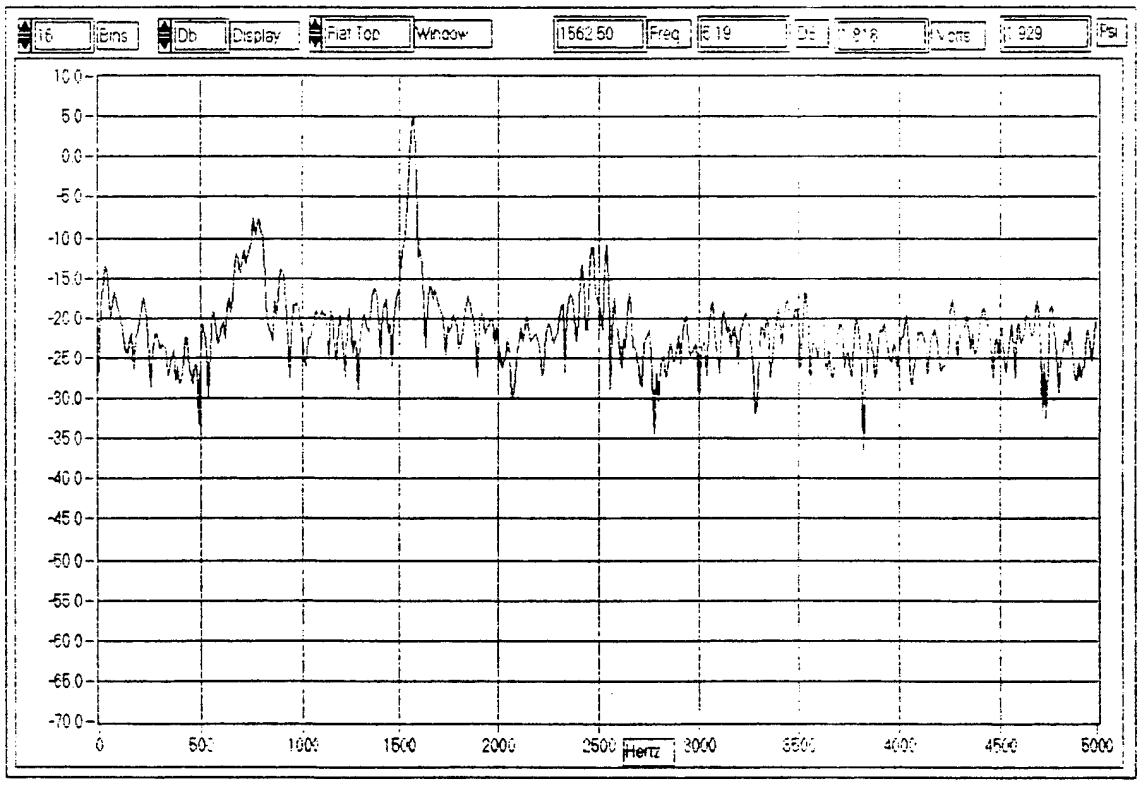
Run 91


16
Bins
Db
Display
Flat Top
Window
1503.91
Freq
-5.91
DB
0.319
Volts
0.339
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1500
2000
Hertz
3000
3500
4500
5000

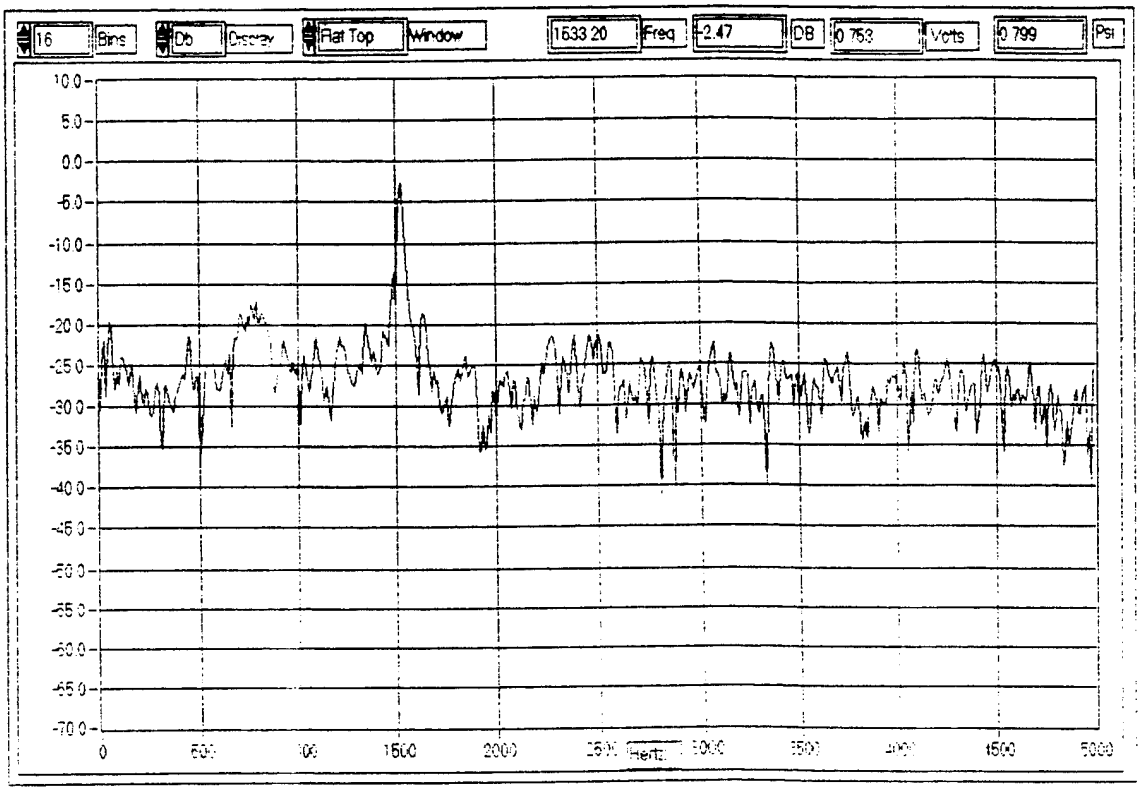
Run 92


16
Bins
Db
Display
Flat Top
Window
1484.37
Freq
-18.53
DB
0.118
Volts
0.126
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

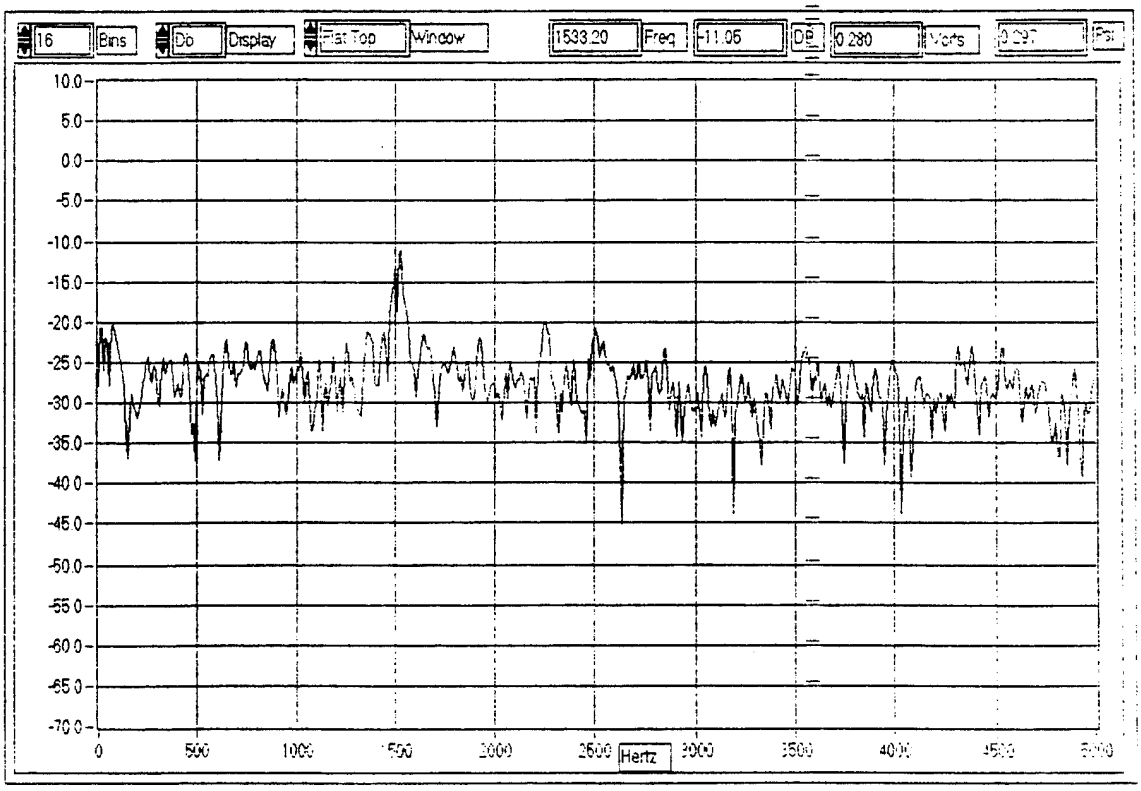
Run 93


16
Bins
Db
Display
Flat Top
Window
1562.50
Freq
-18.19
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
1500
2000
2500
Hertz
3000
3500
4000
4500
5000

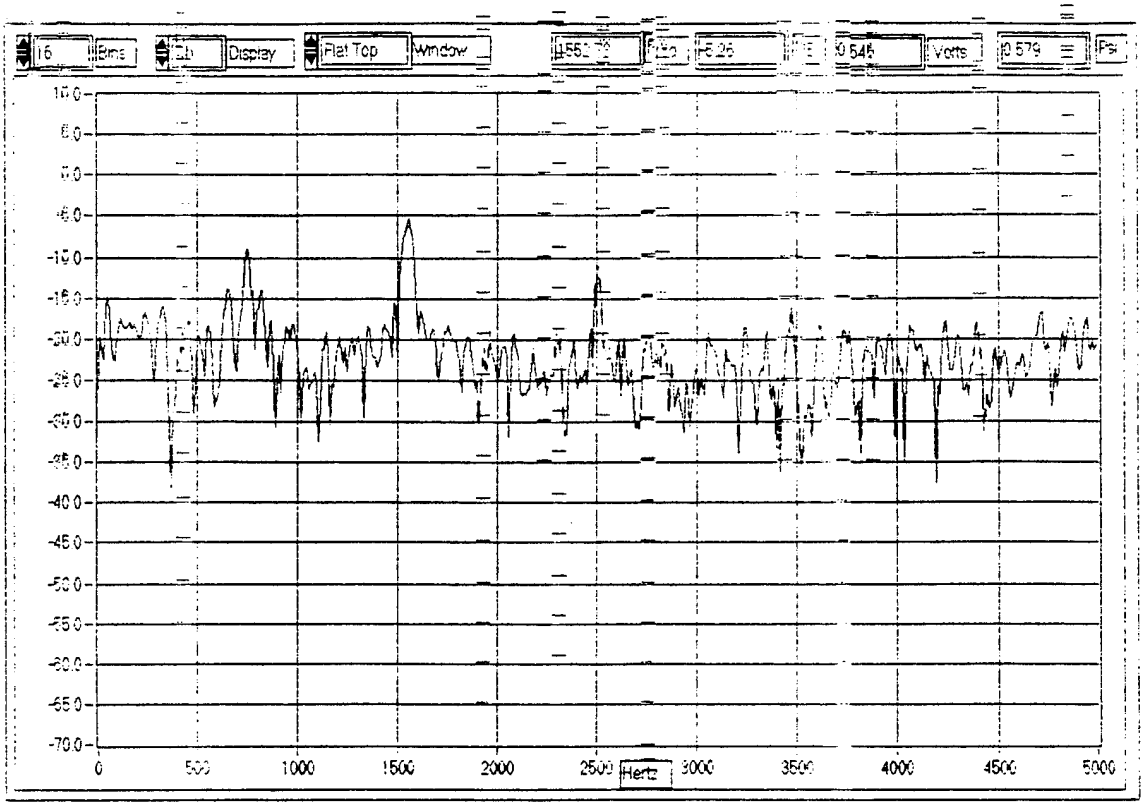
Run 95


16
Bins
Db
Display
Flat Top
Window
1533.20
Freq
-2.47
DB
0.753
Volts
0.799
Psi
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
1500
2000
Hertz
1500

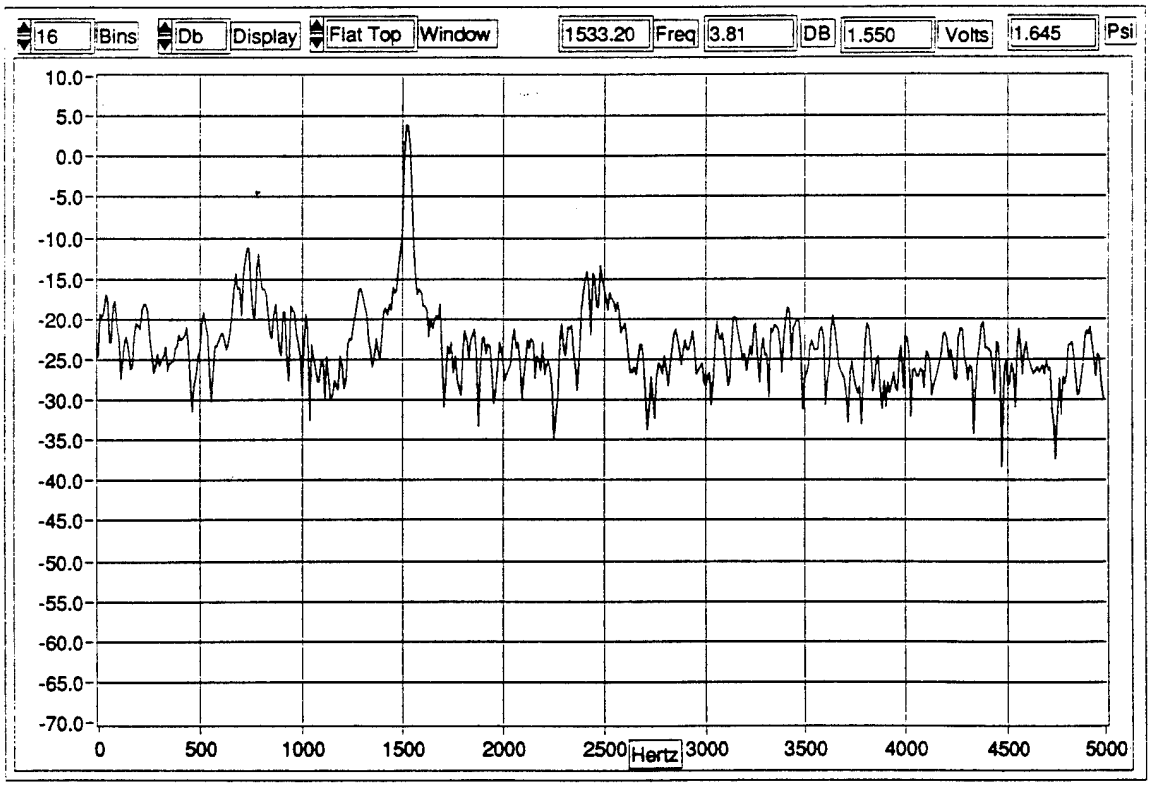
Run 97


16
Bins
Db
Display
Flat Top
Window
1533.20
Freq
-11.05
DB
0.280
Volts
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
0
500
1000
2000
2500
Hertz

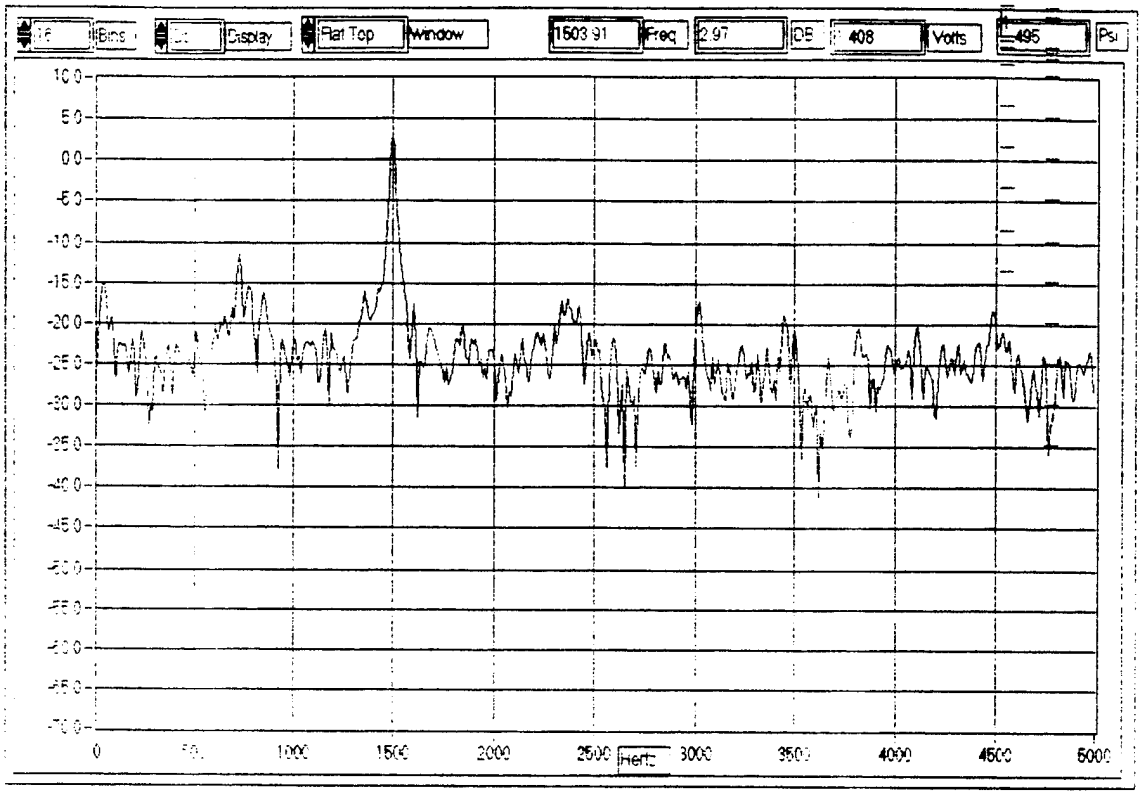
Run 98



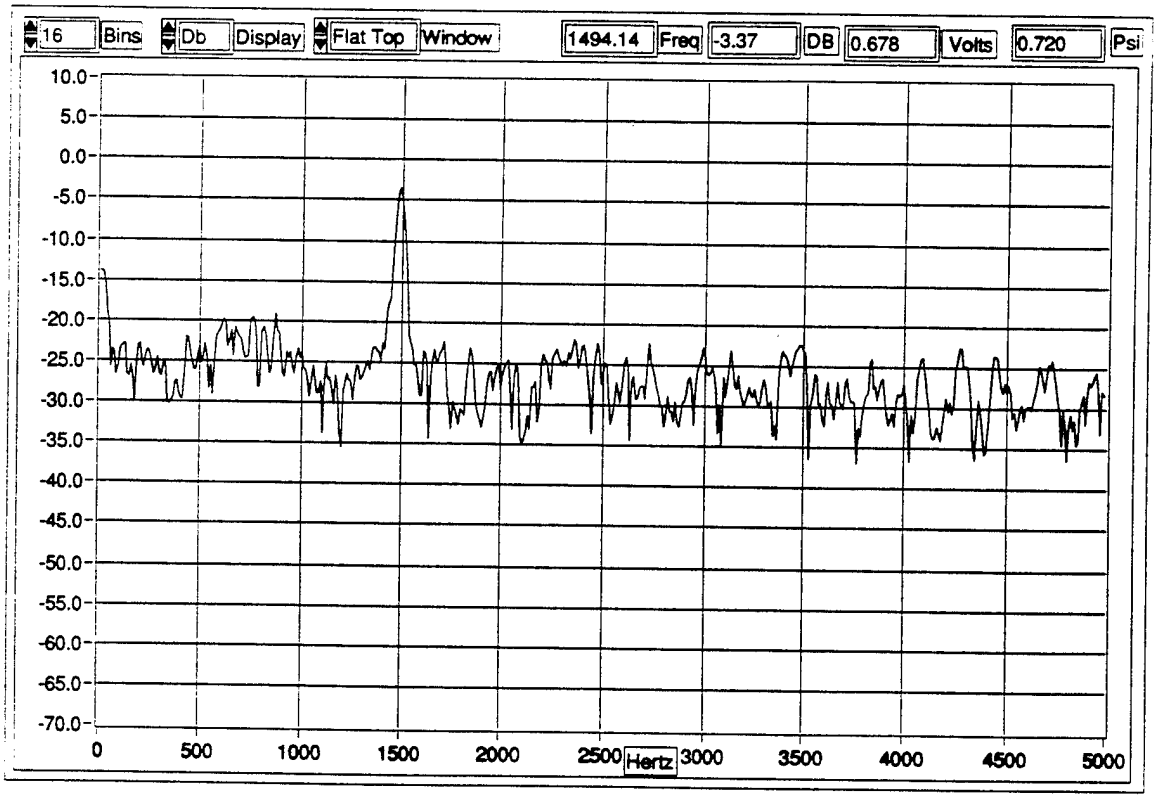
Run 102



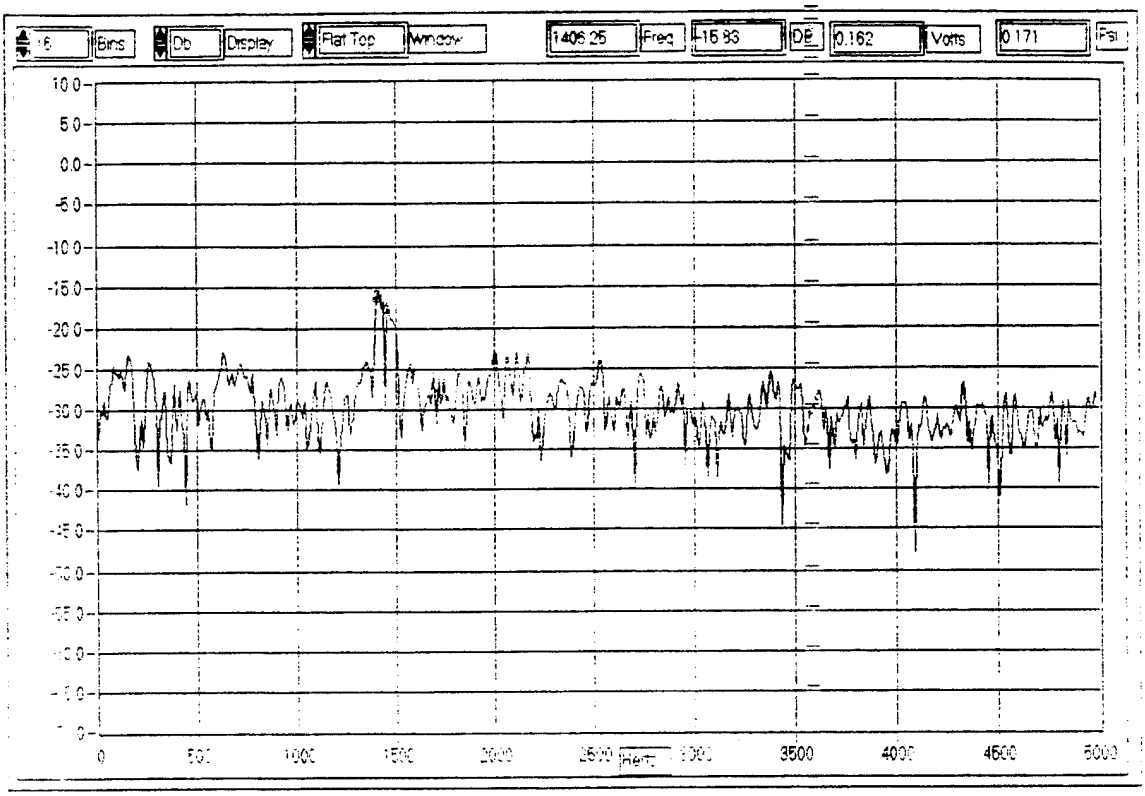
Run 103



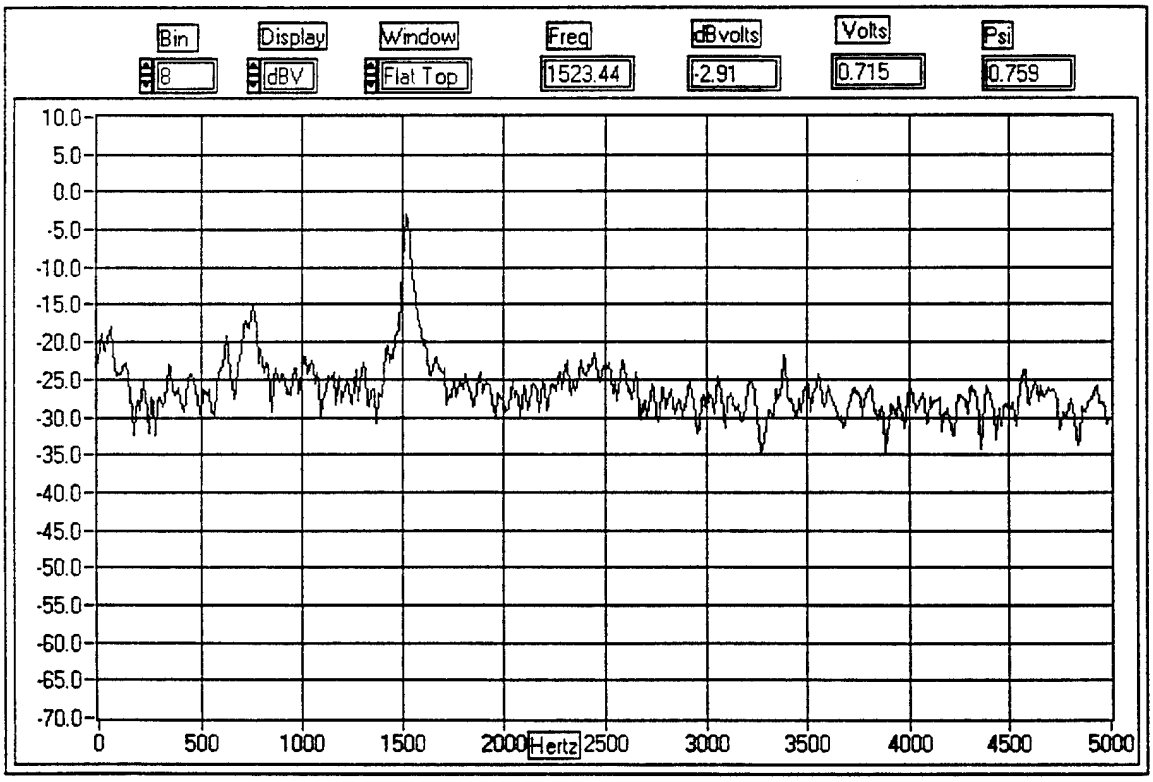
Run 104



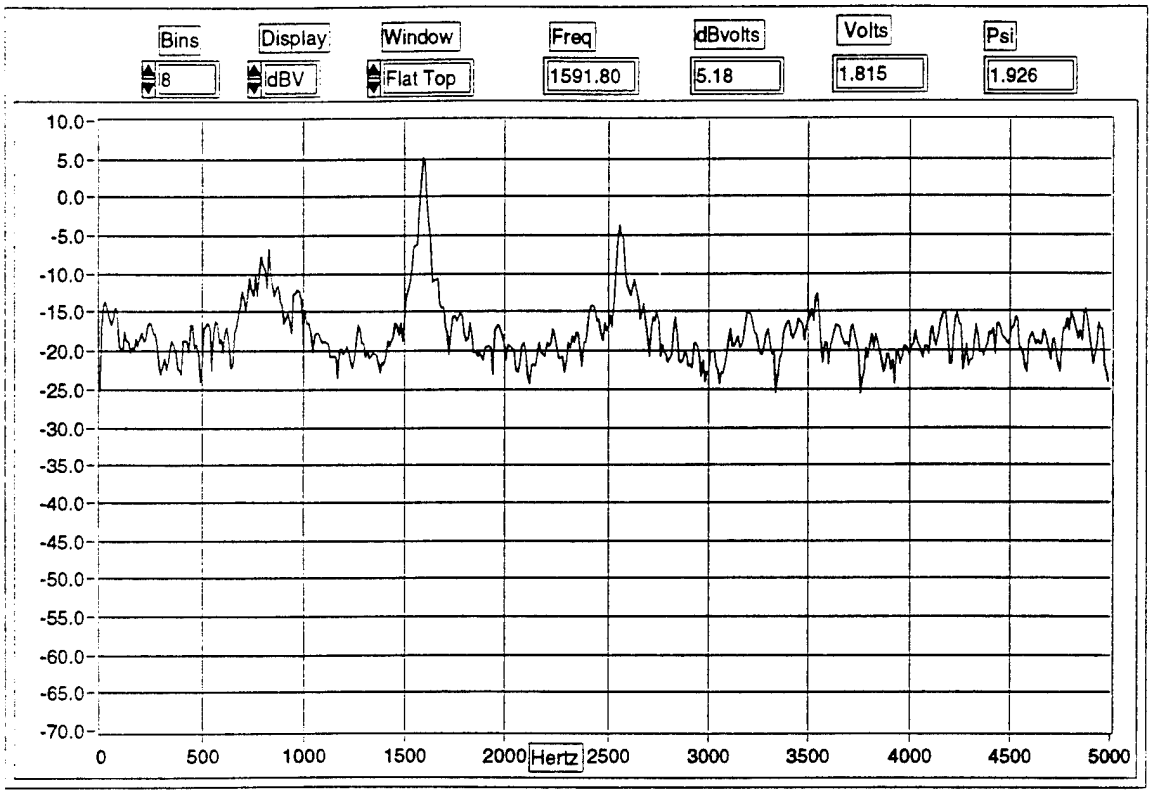
Run 105



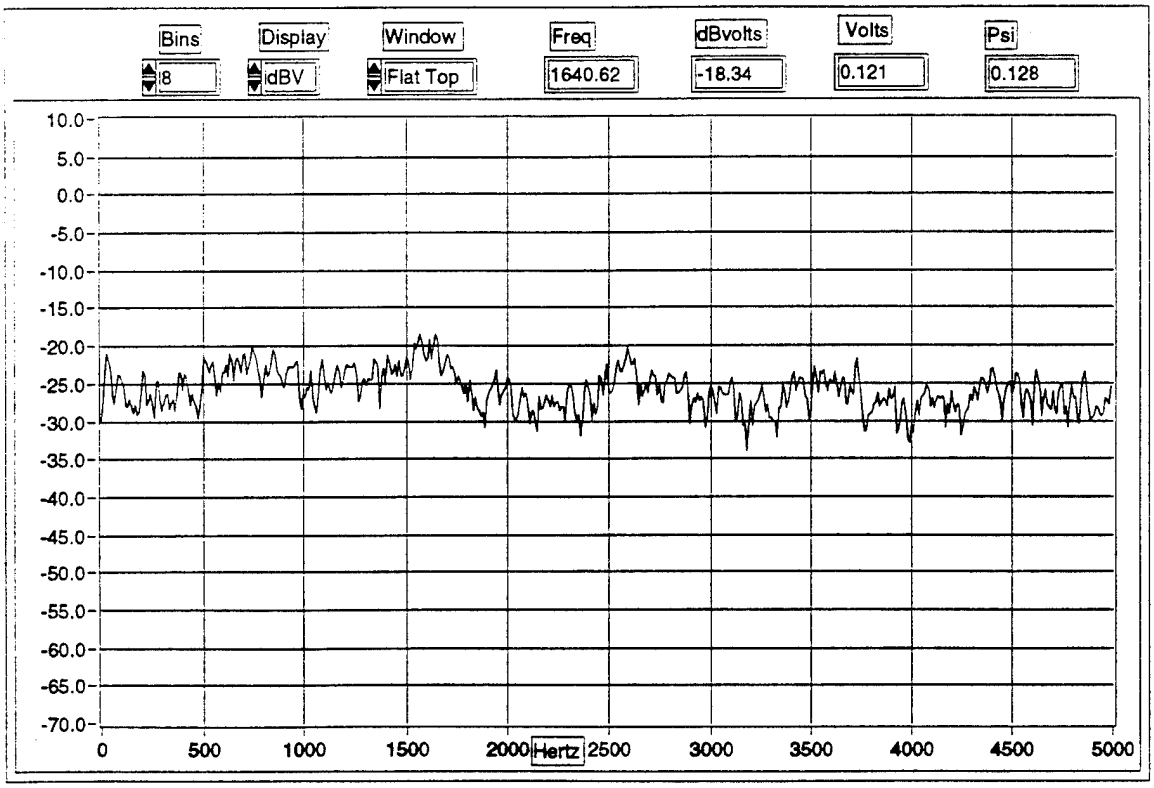
Run 107



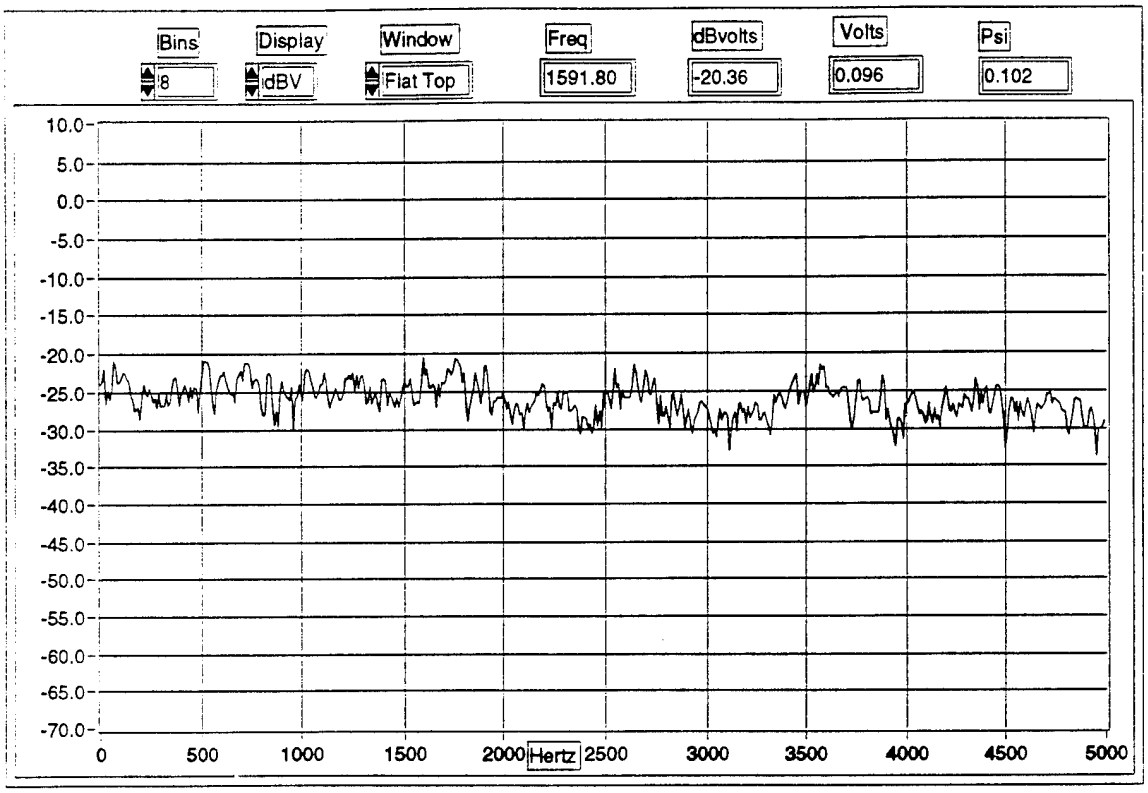
Run 109



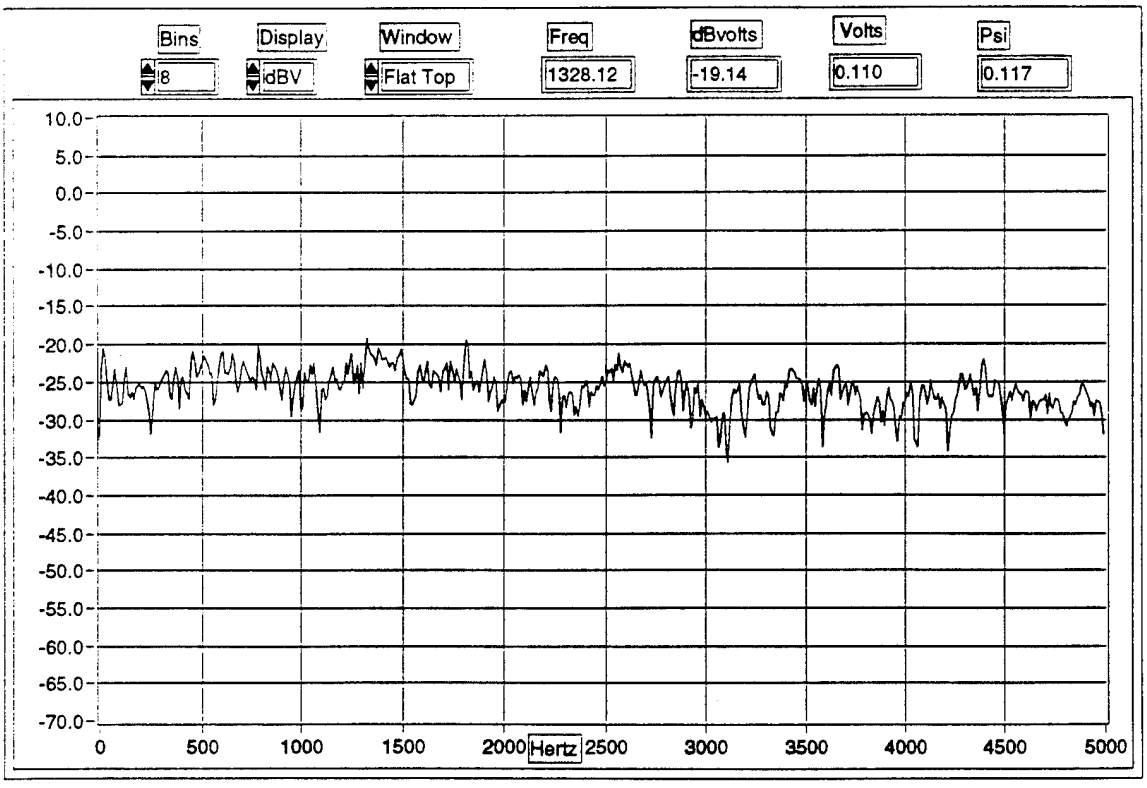
Run 113



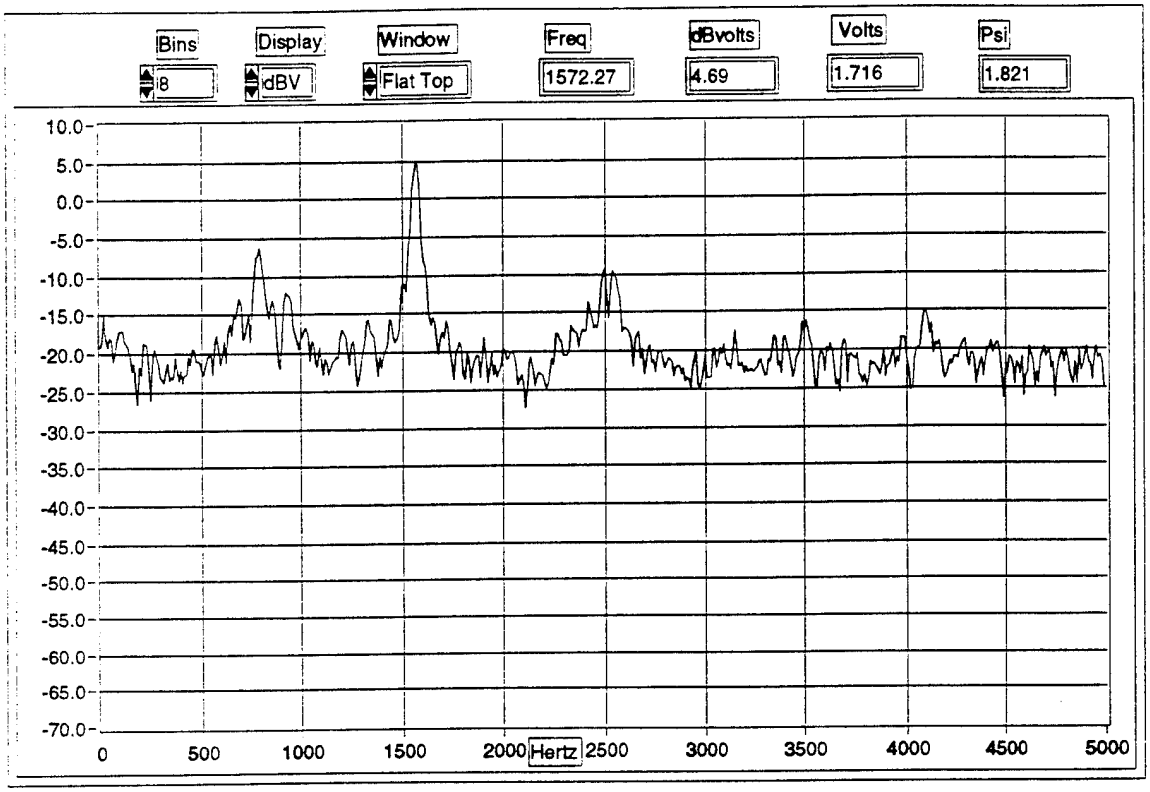
Run 114



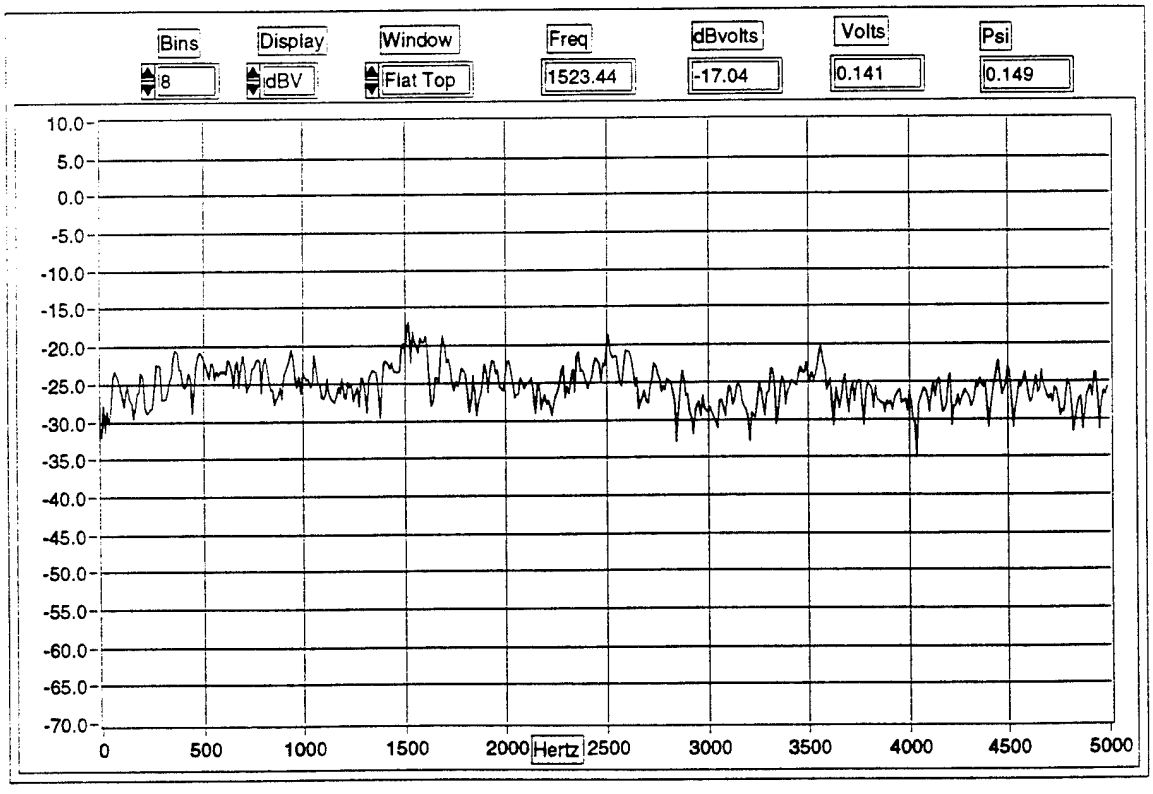
Run 115



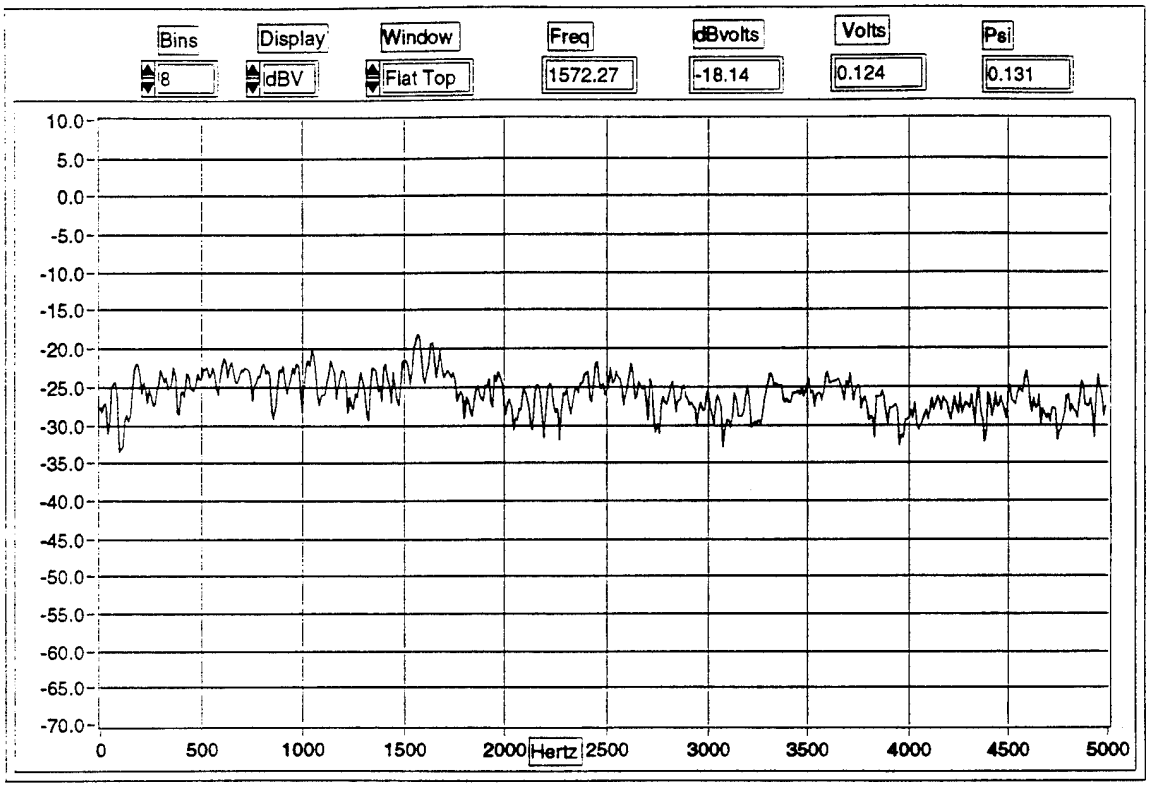
Run 116



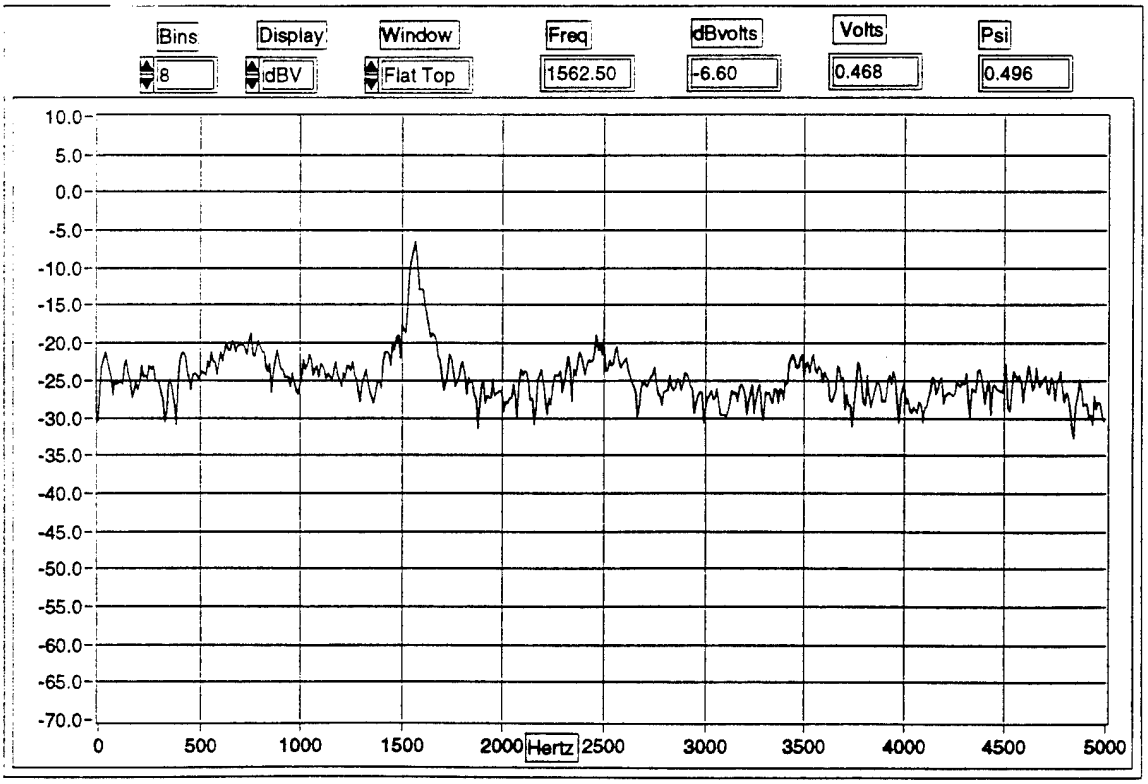
Run 118



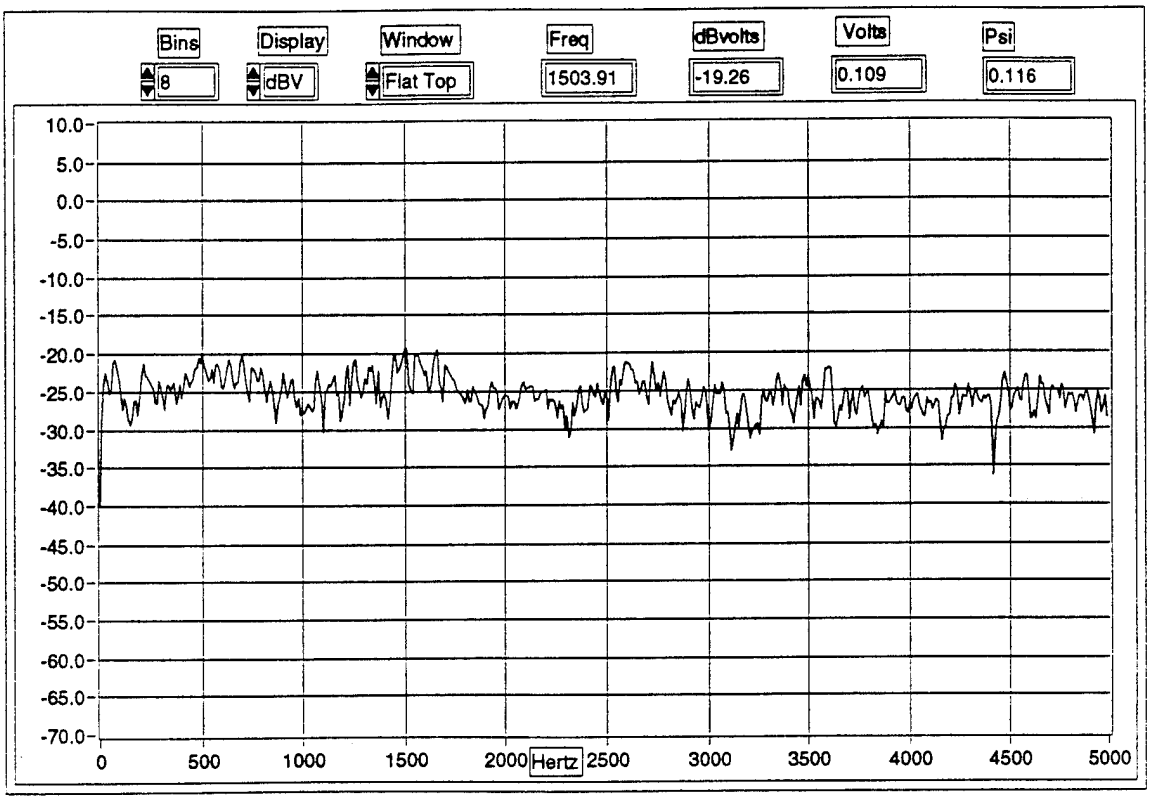
Run 119



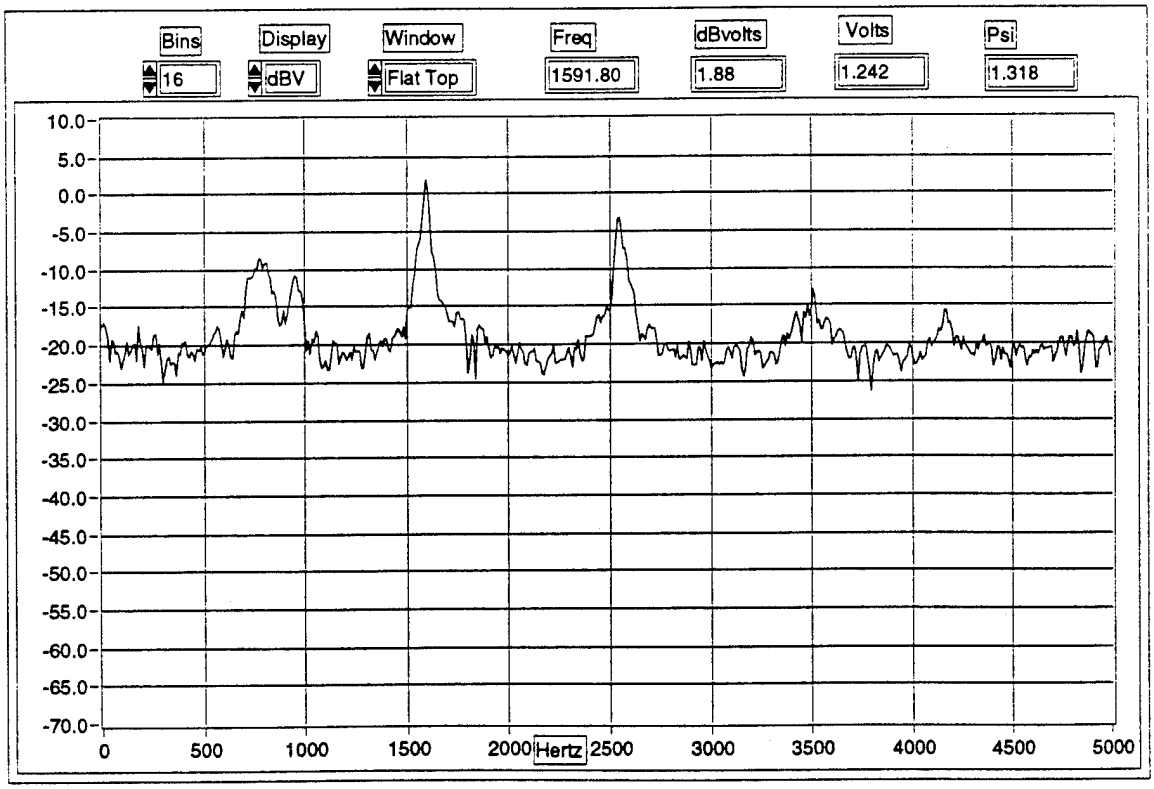
Run 120



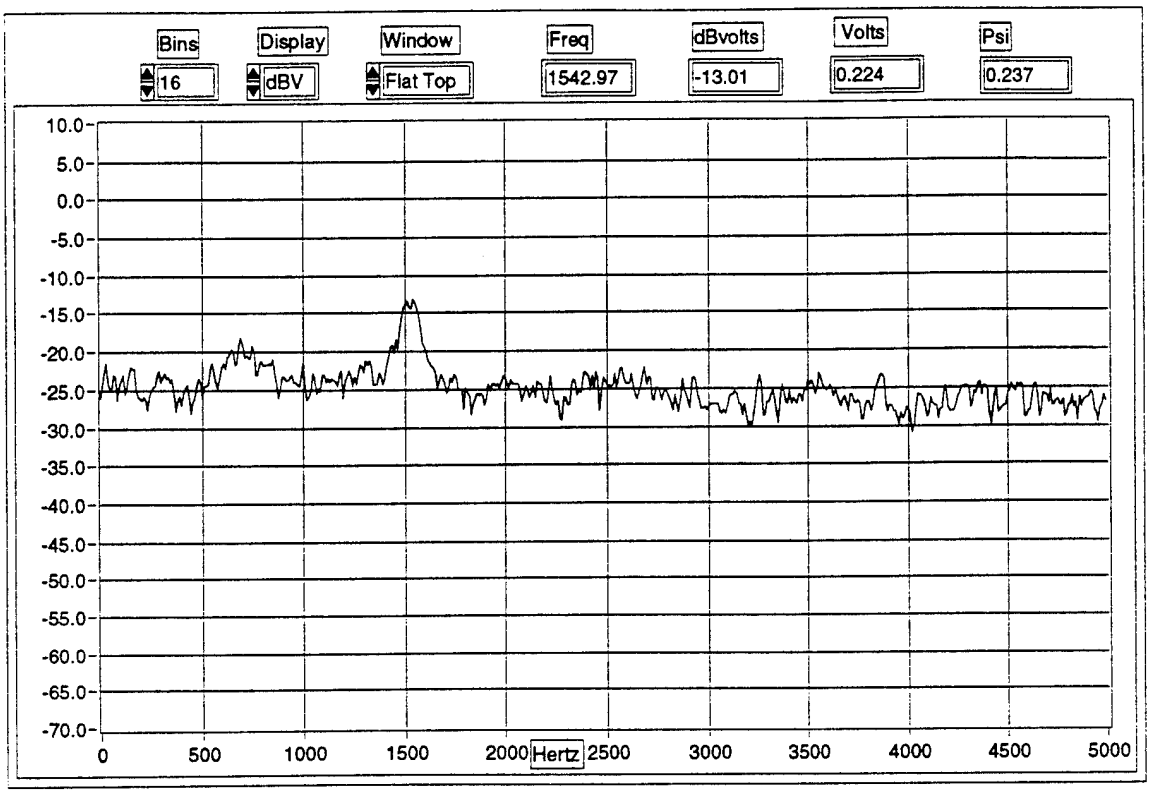
Run 121



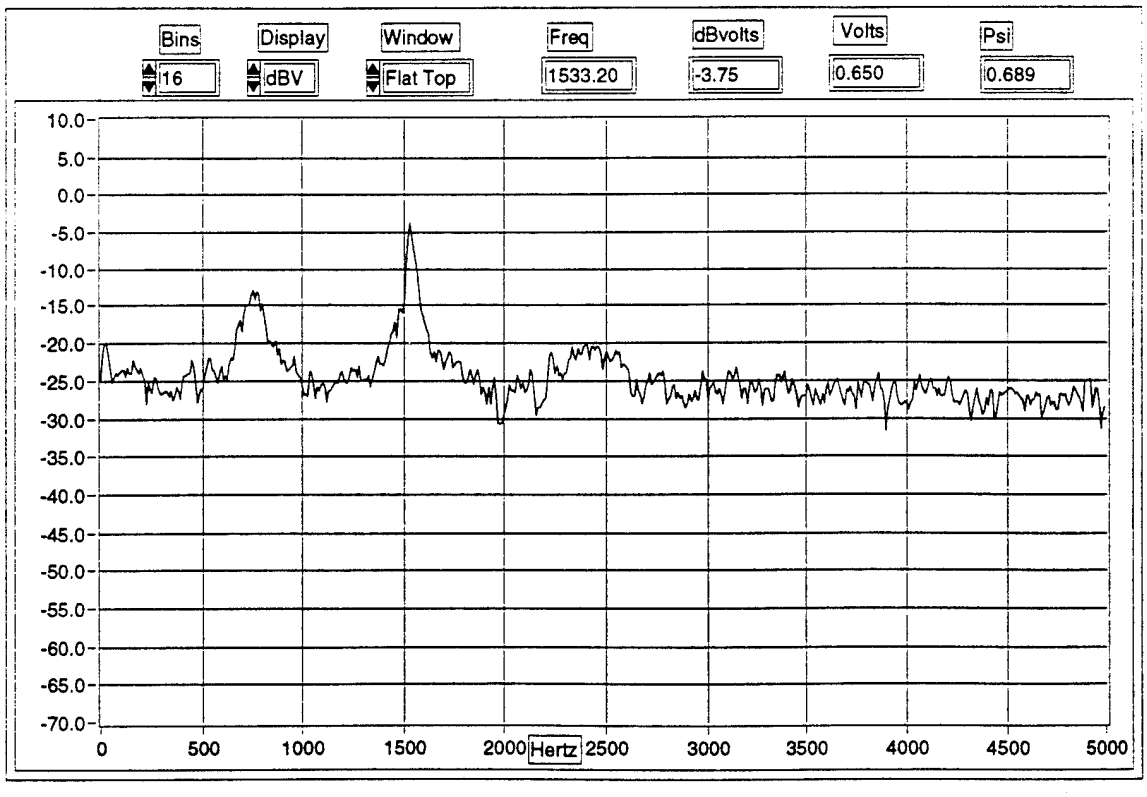
Run 122



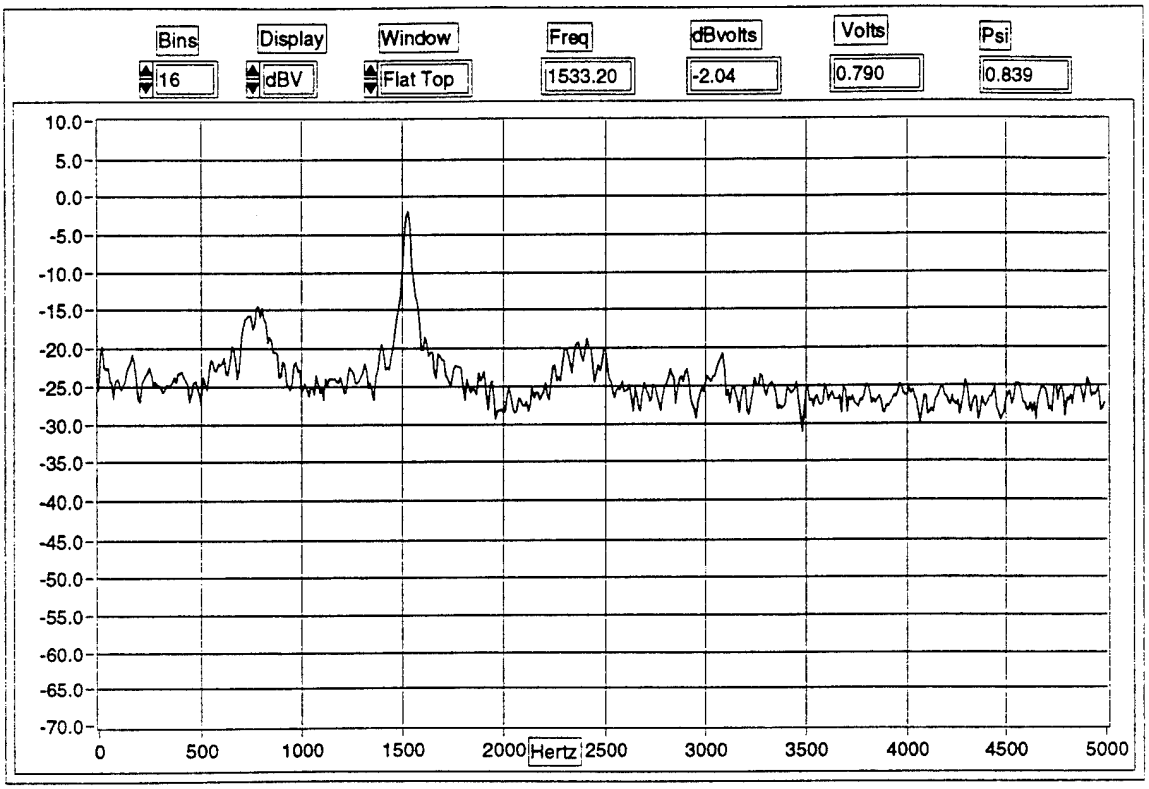
Run 123



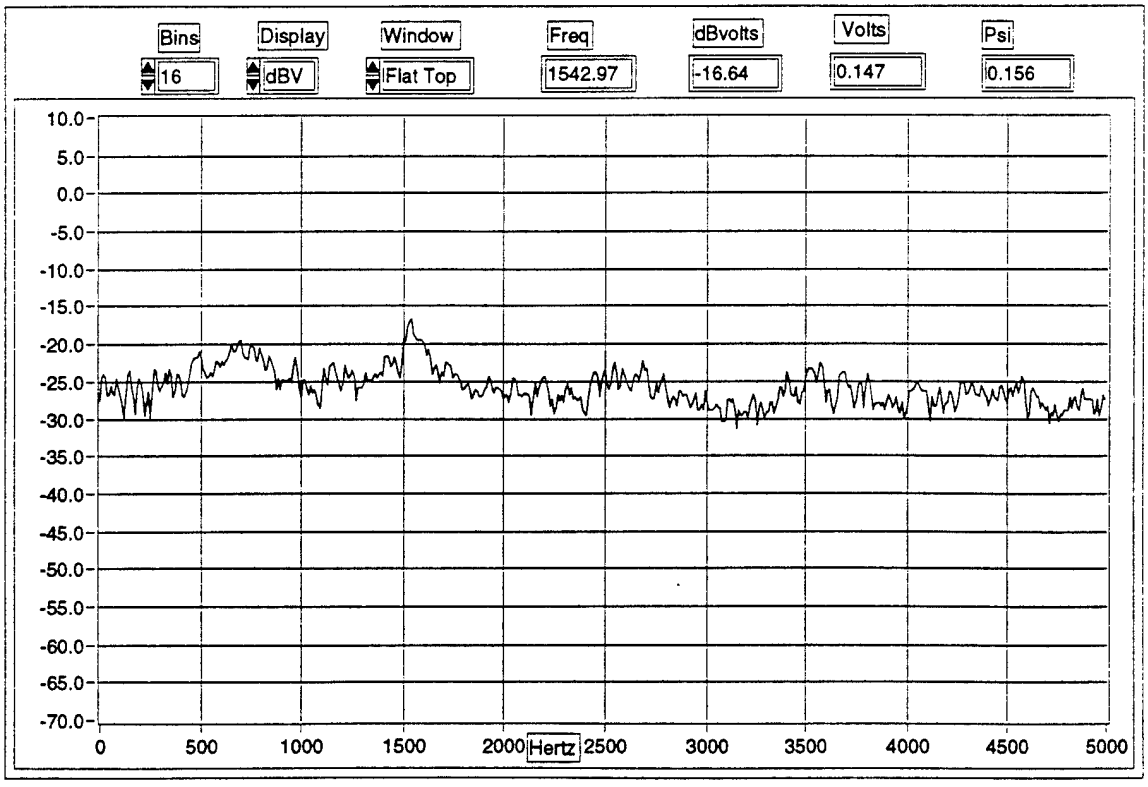
Run 124



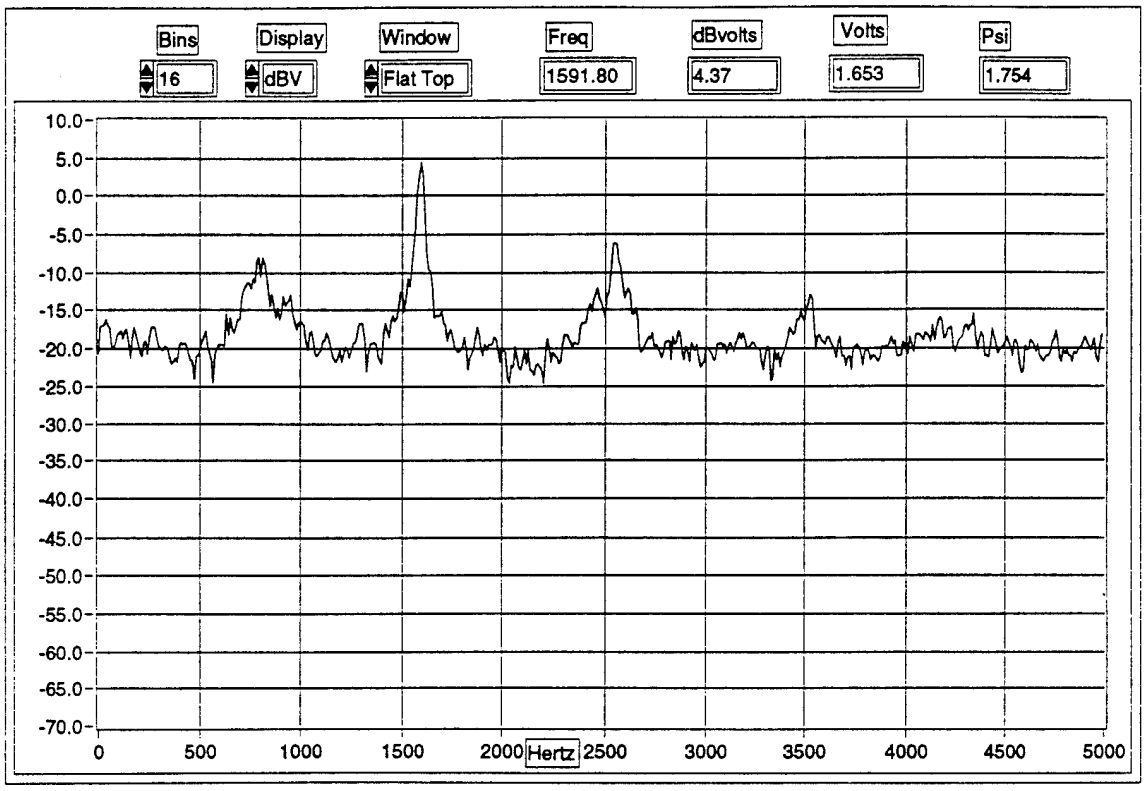
Run 126



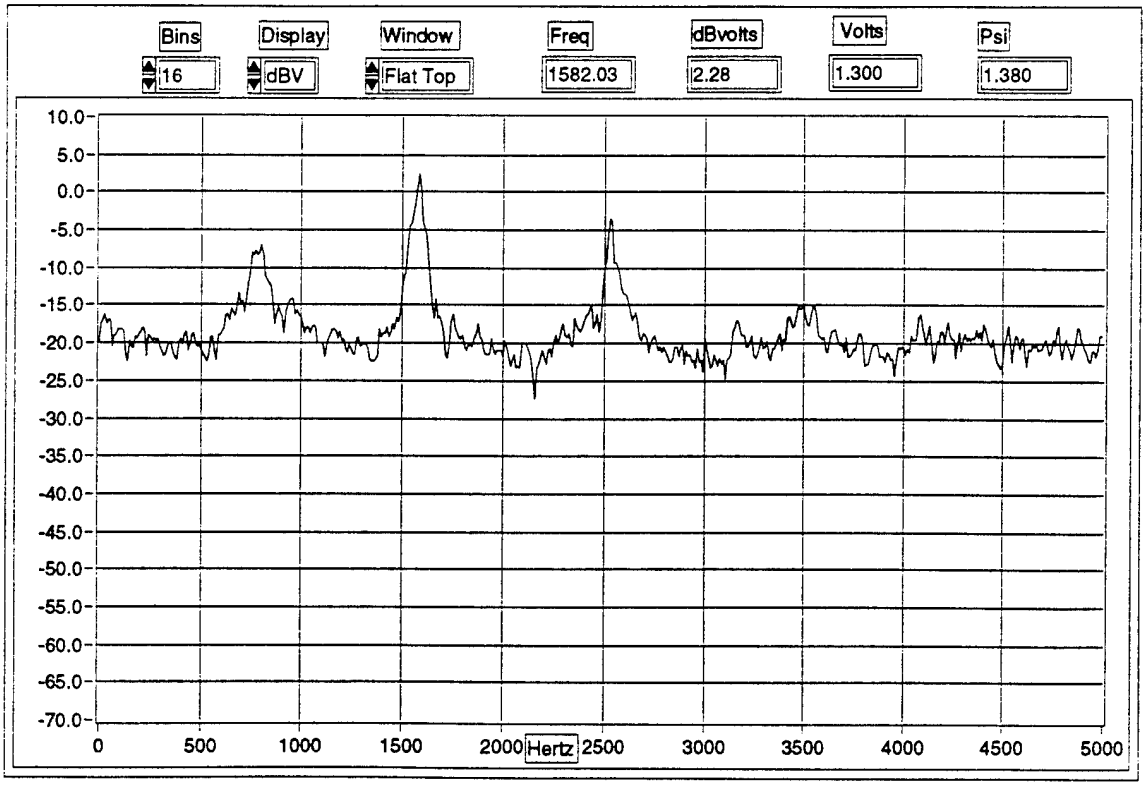
Run 127



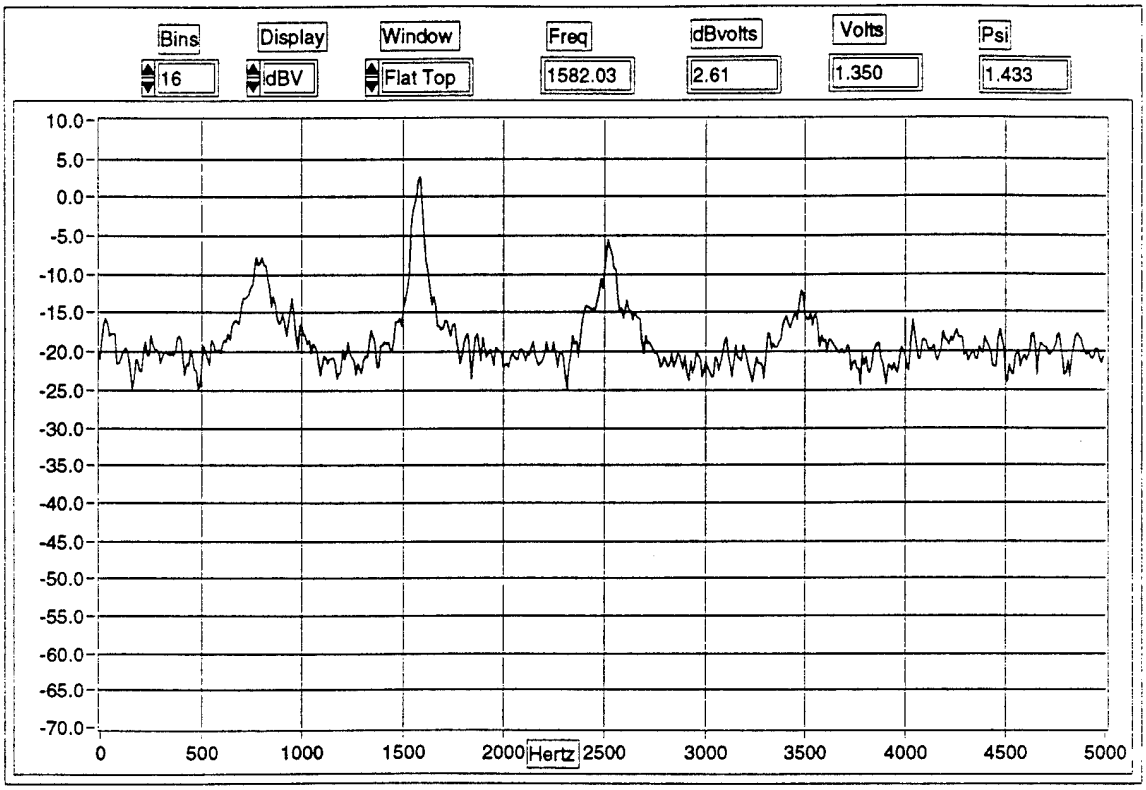
Run 128



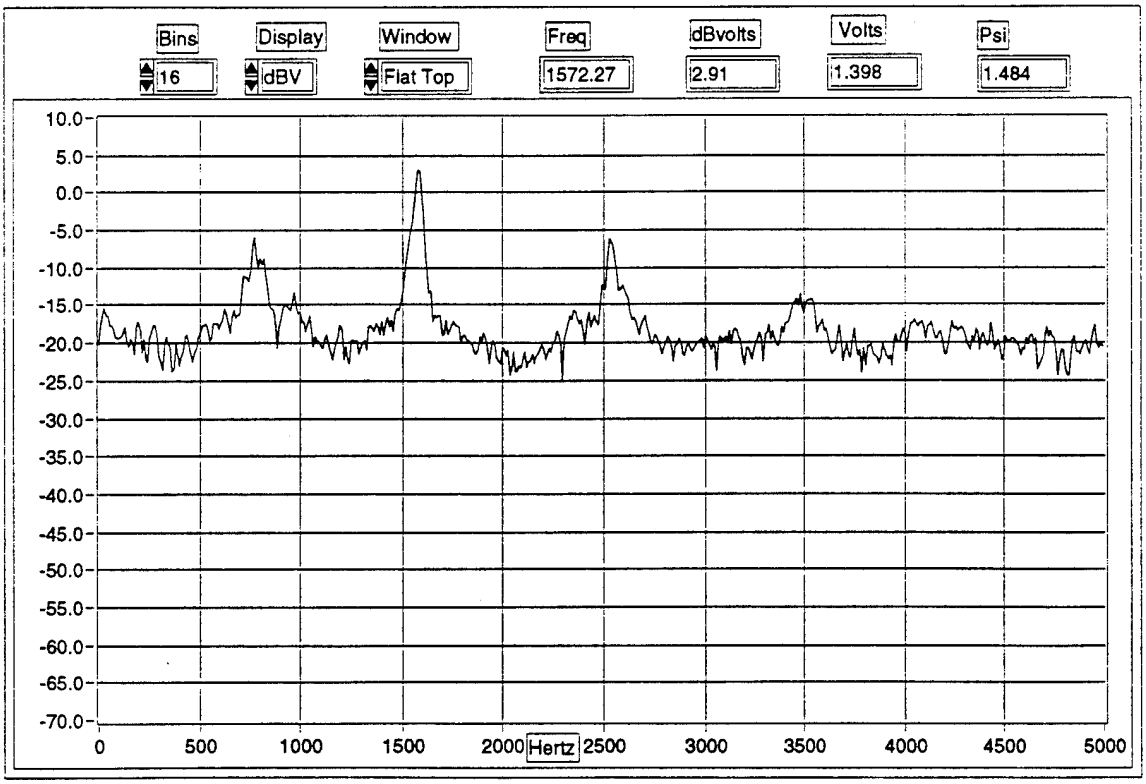
Run 129



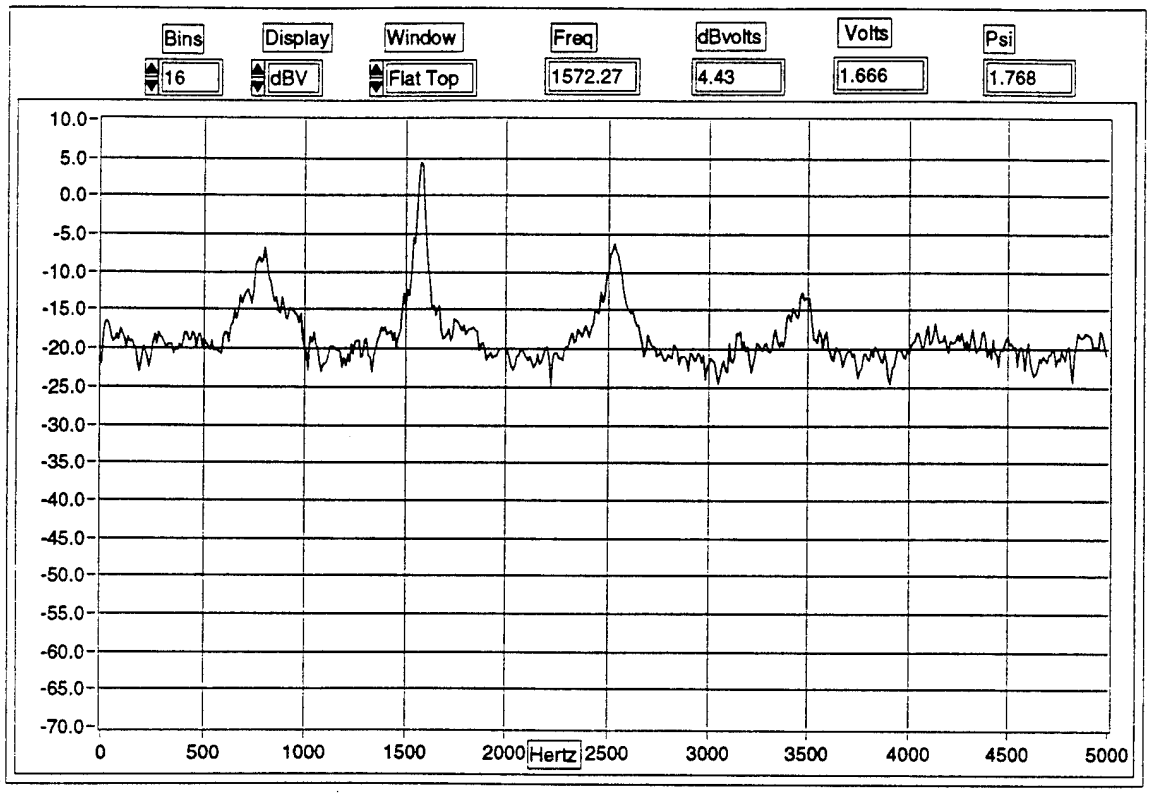
Run 130



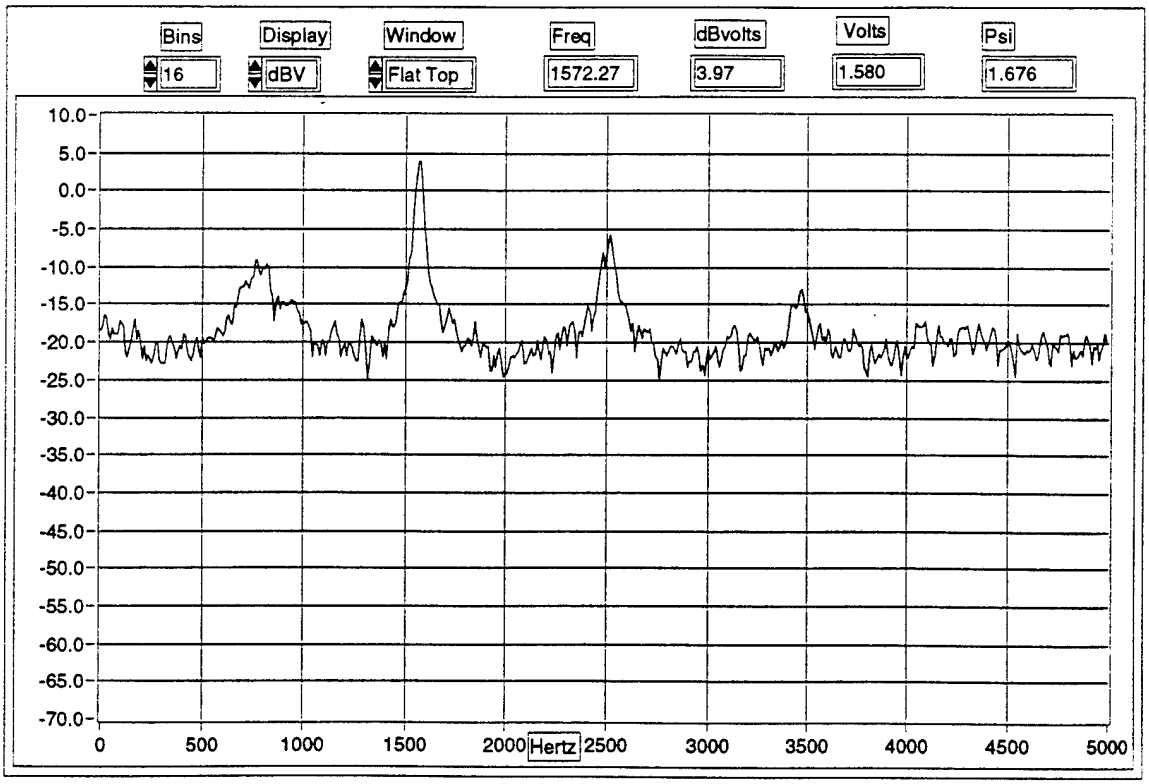
Run 131



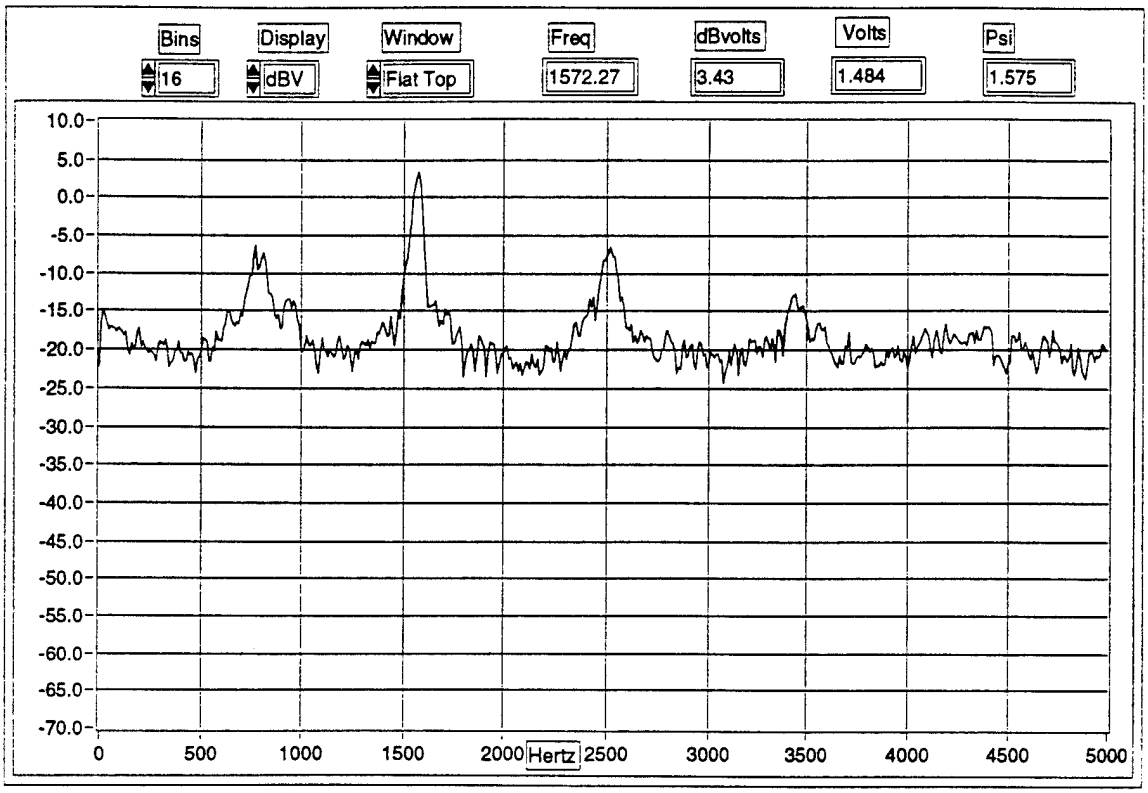
Run 132



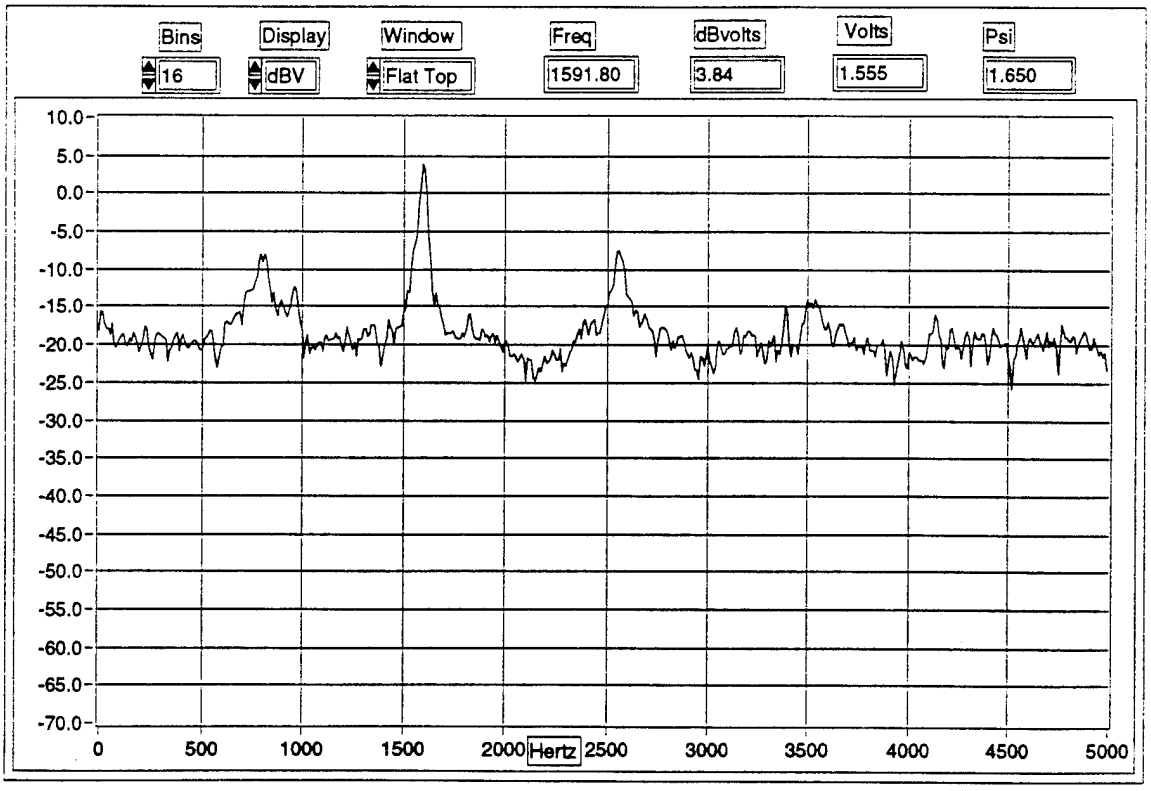
Run 133



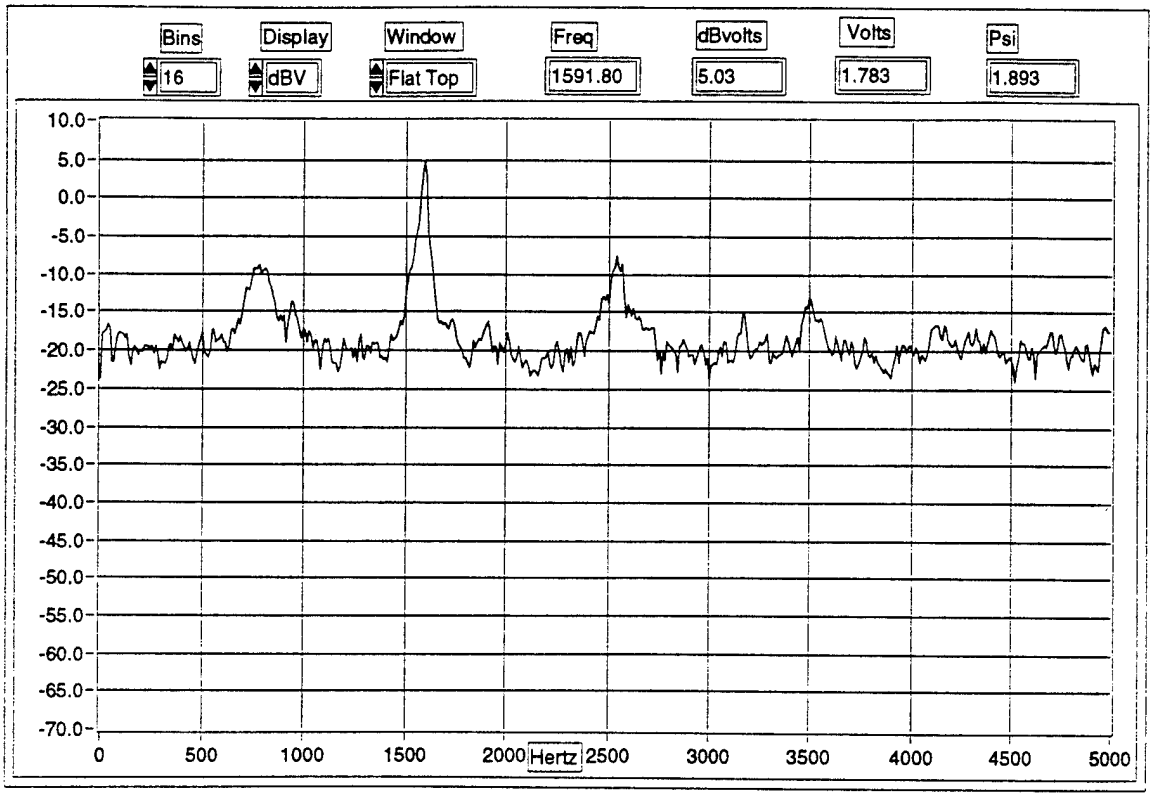
Run 134



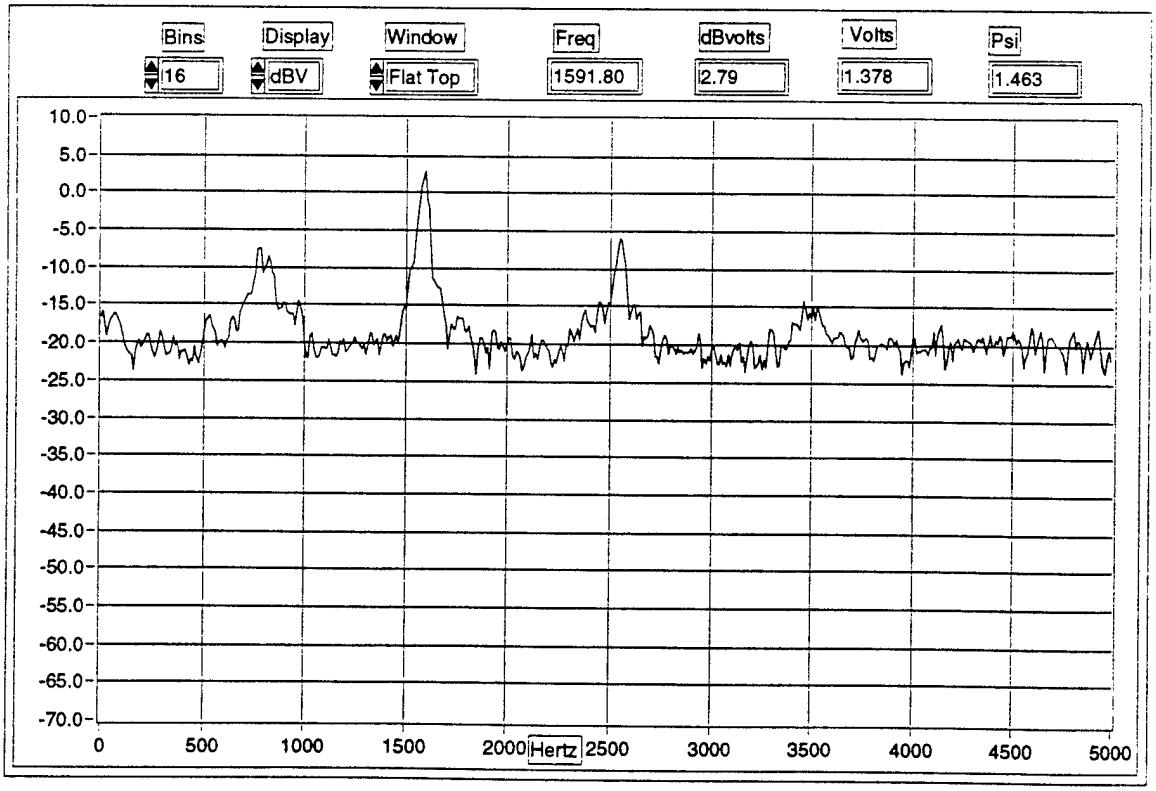
Run 135



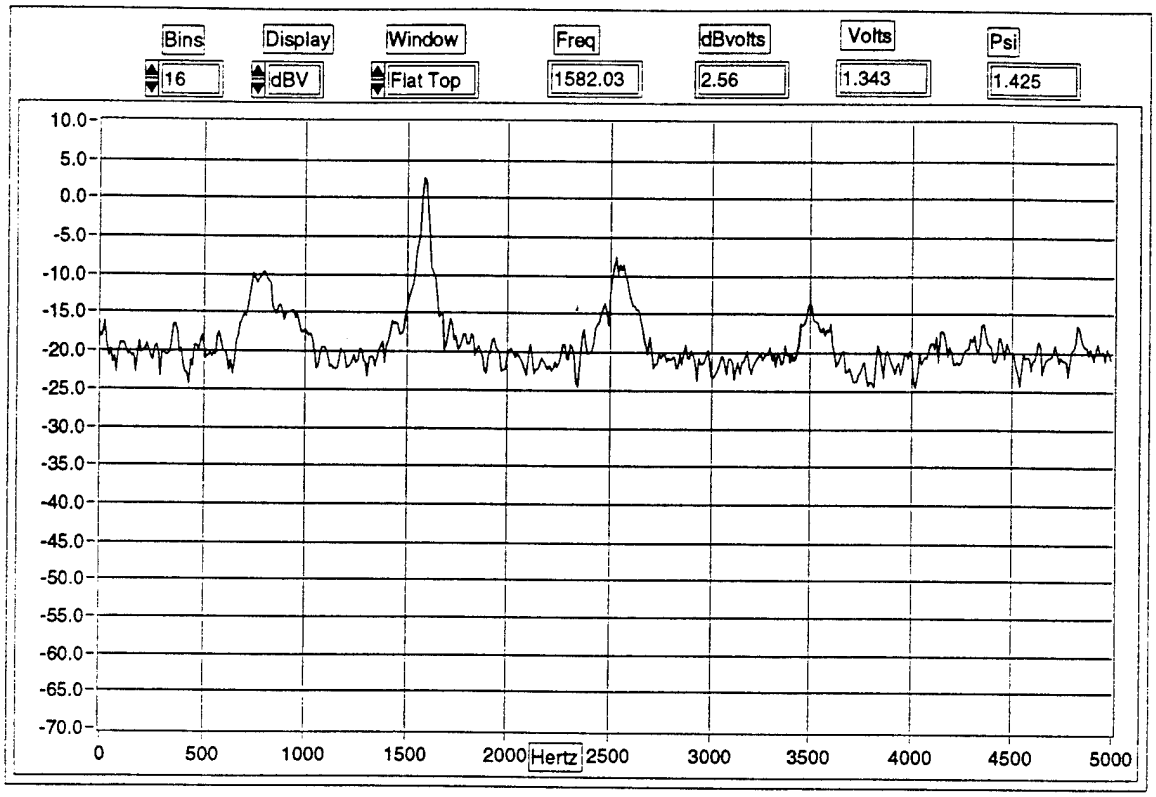
Run 136



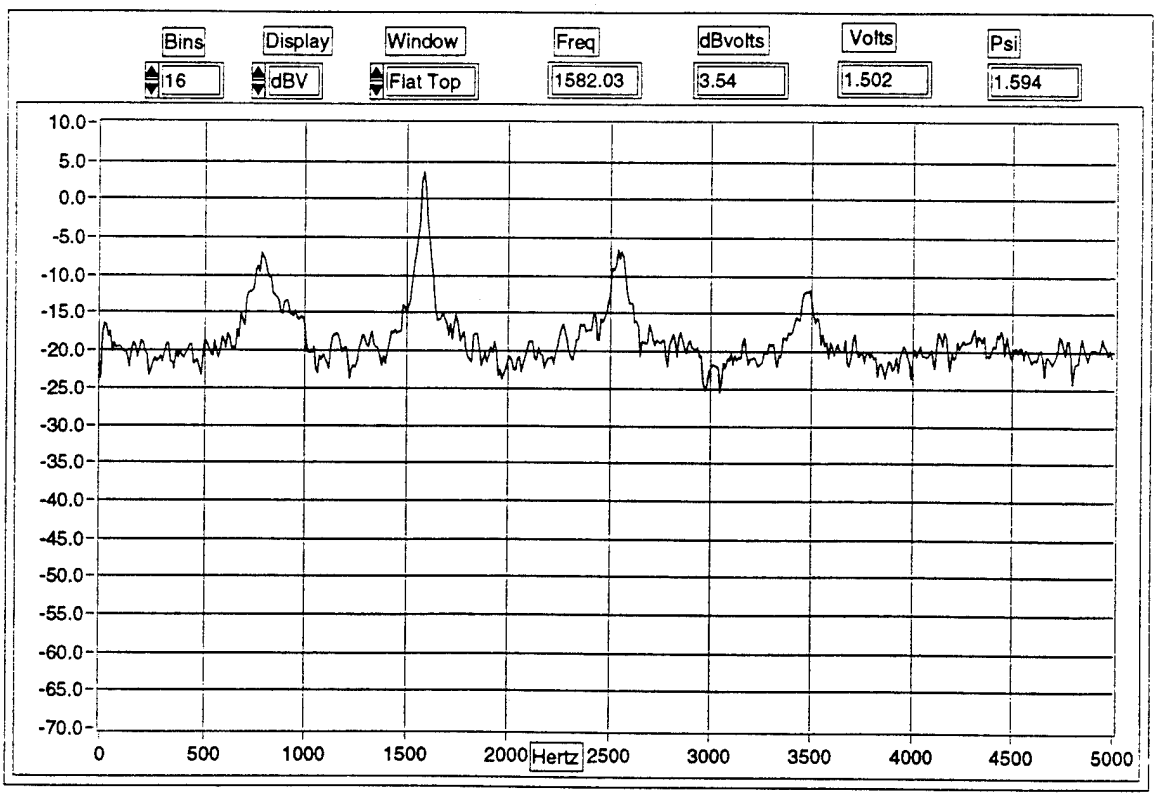
Run 137



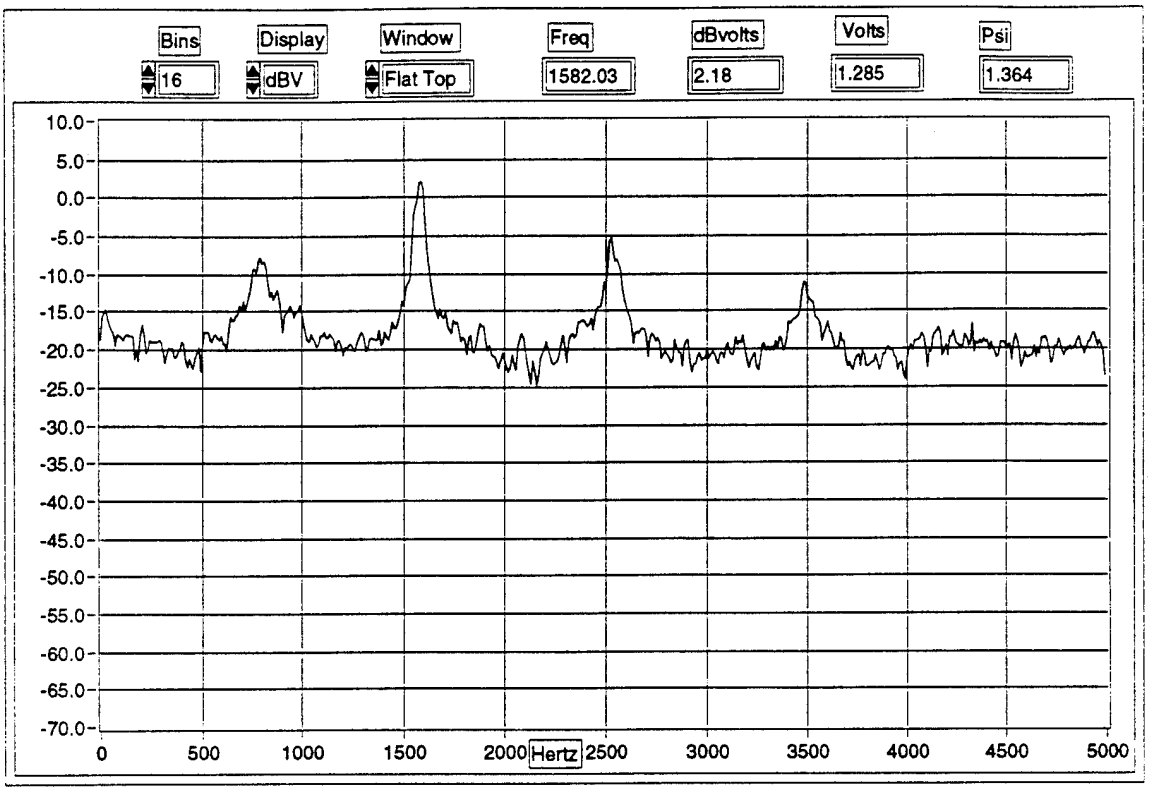
Run 138



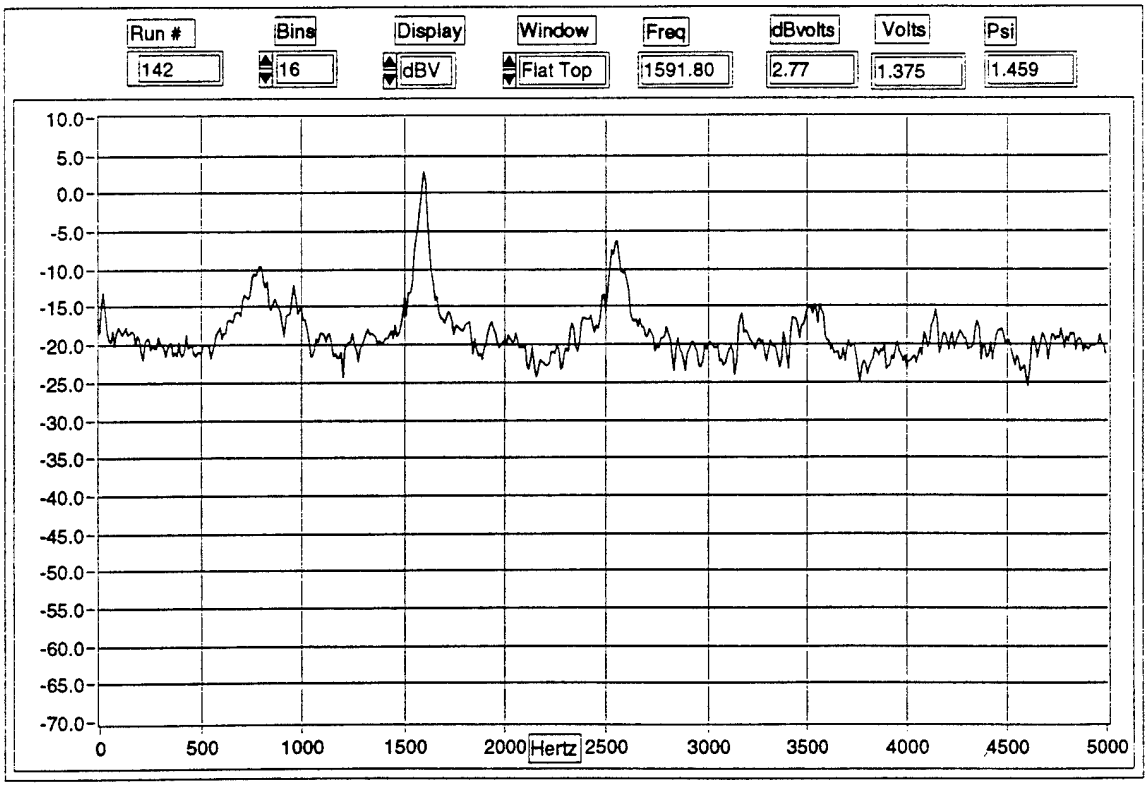
Run 139



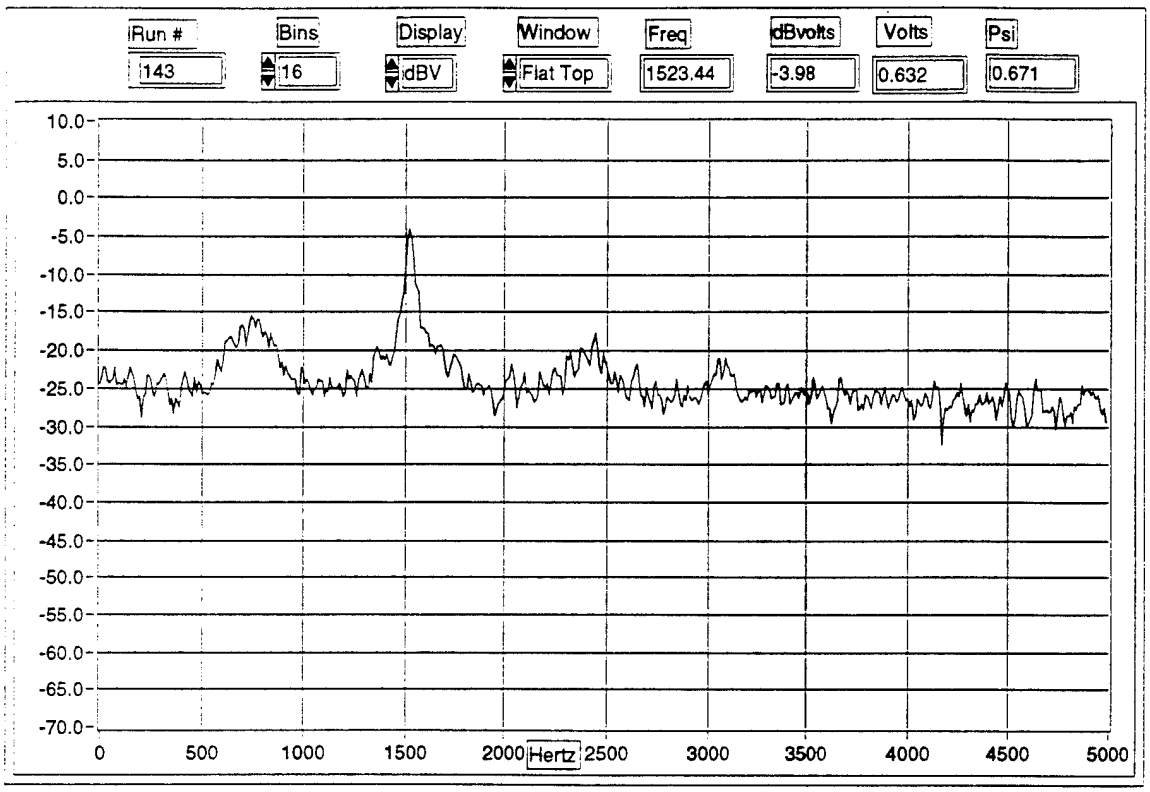
Run 140



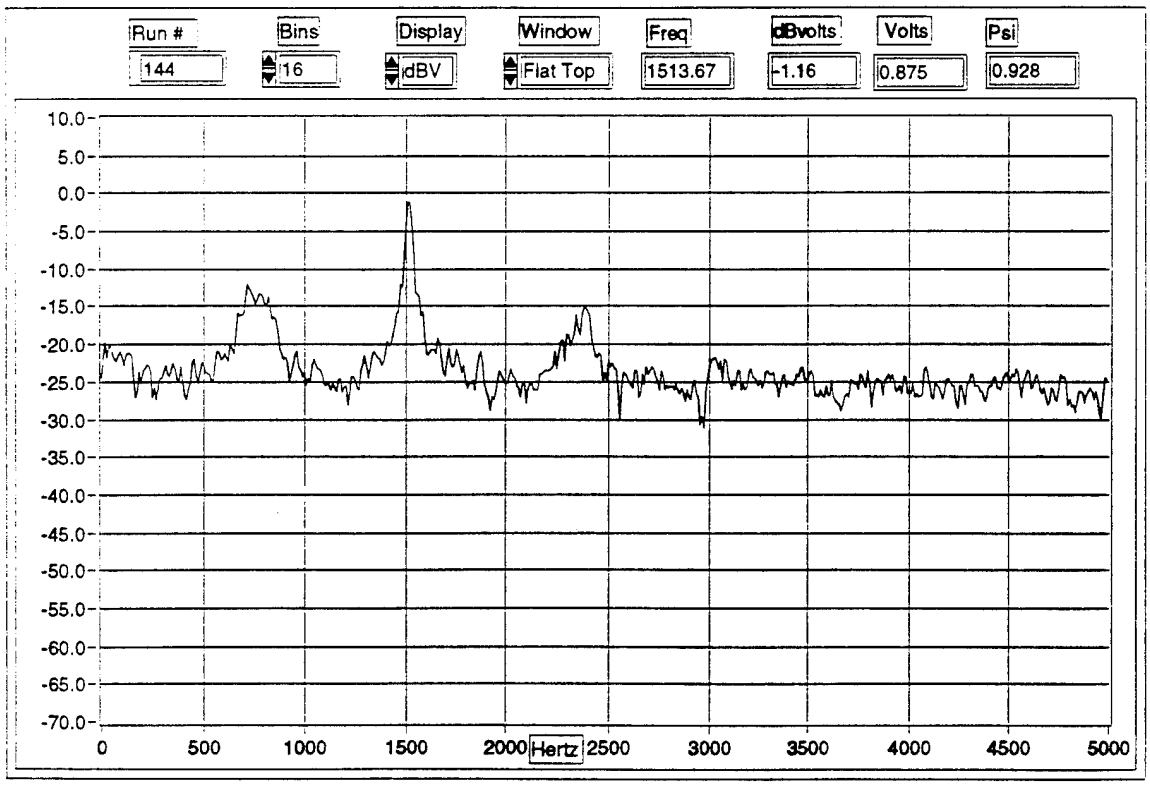
Run 141



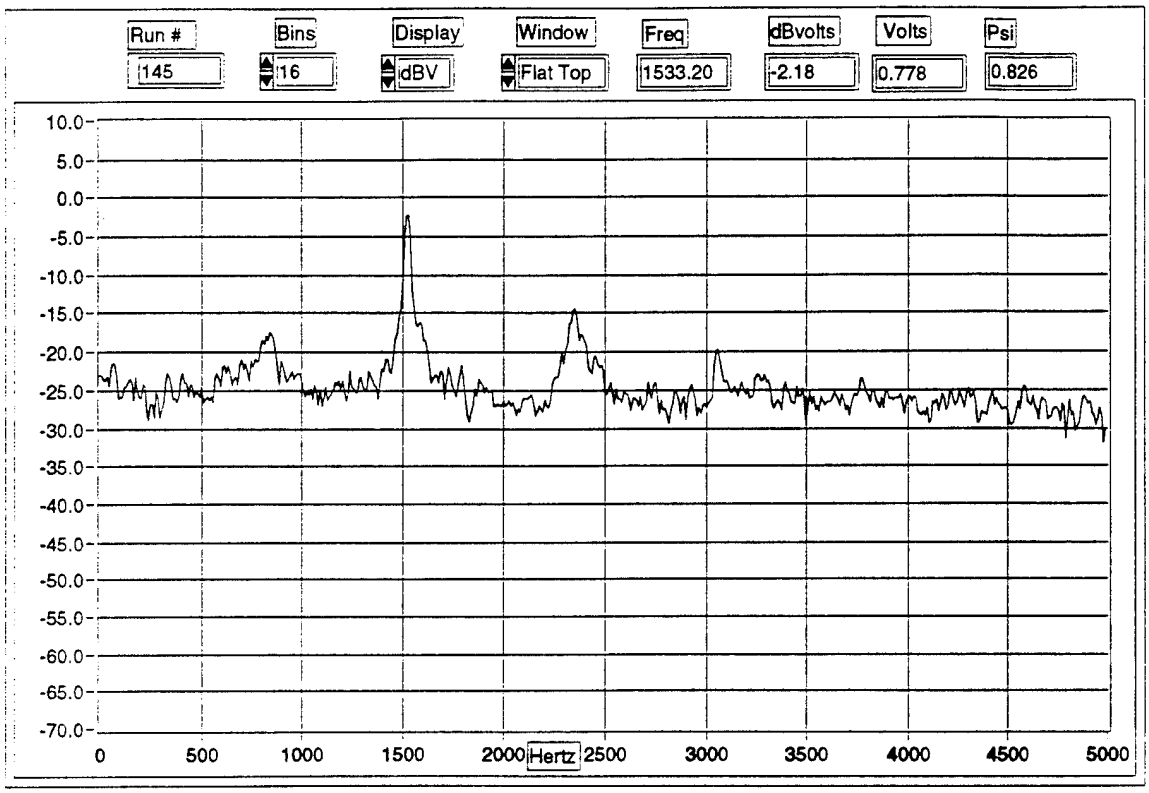
Run 142



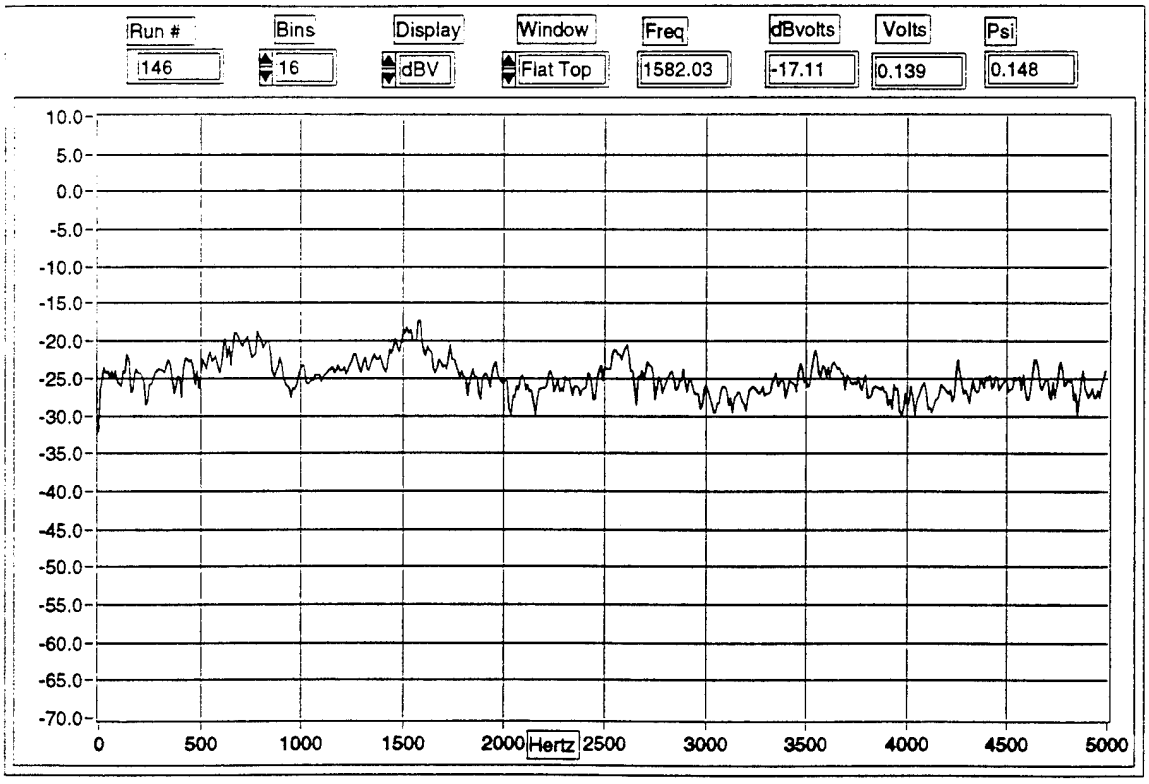
Run 143



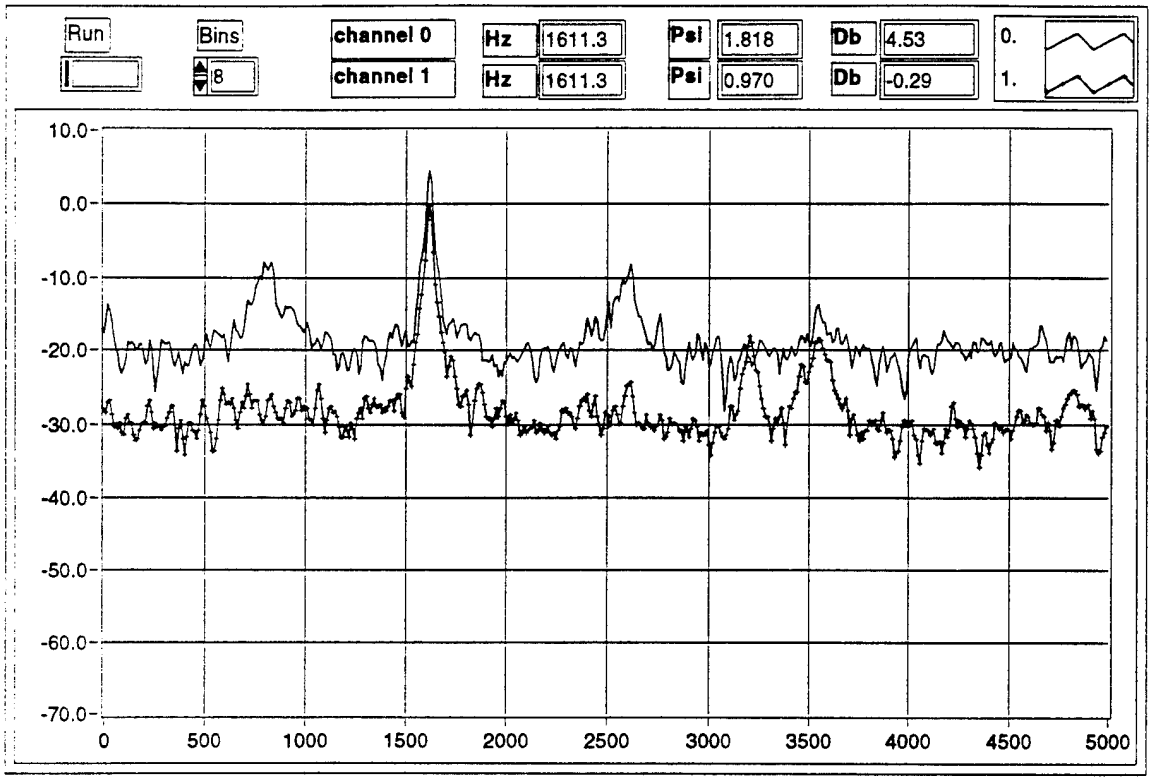
Run 144



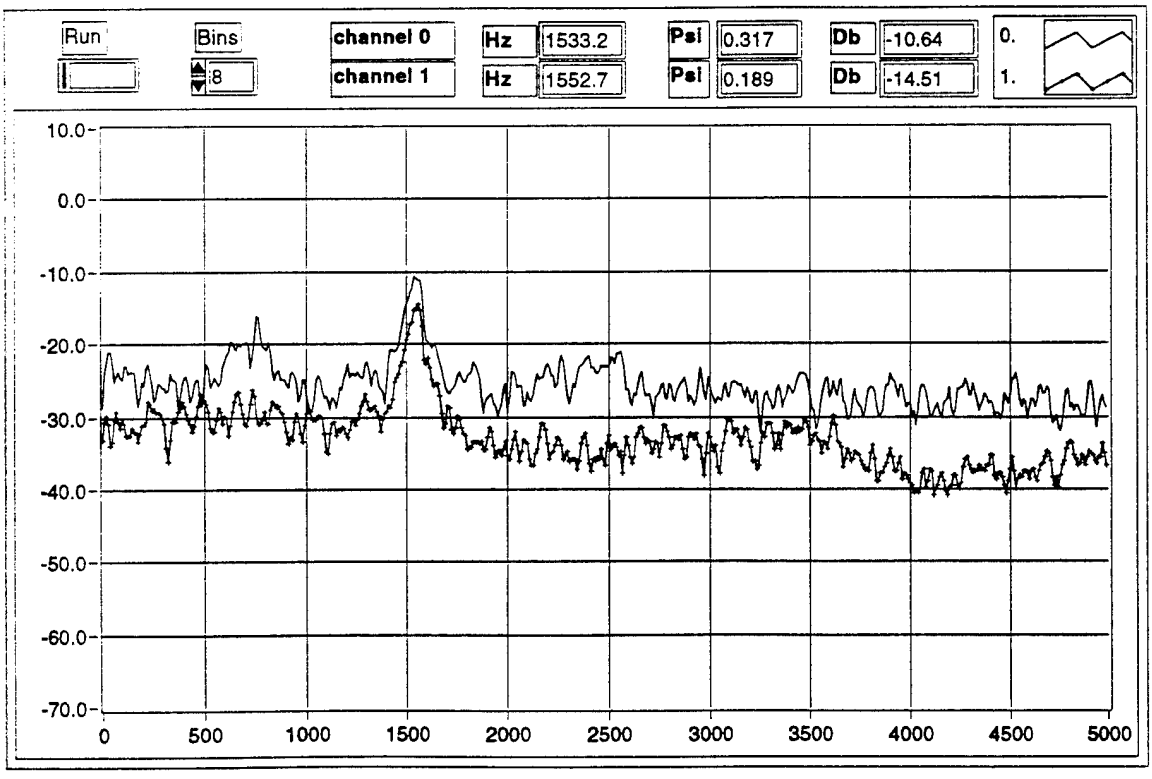
Run 145



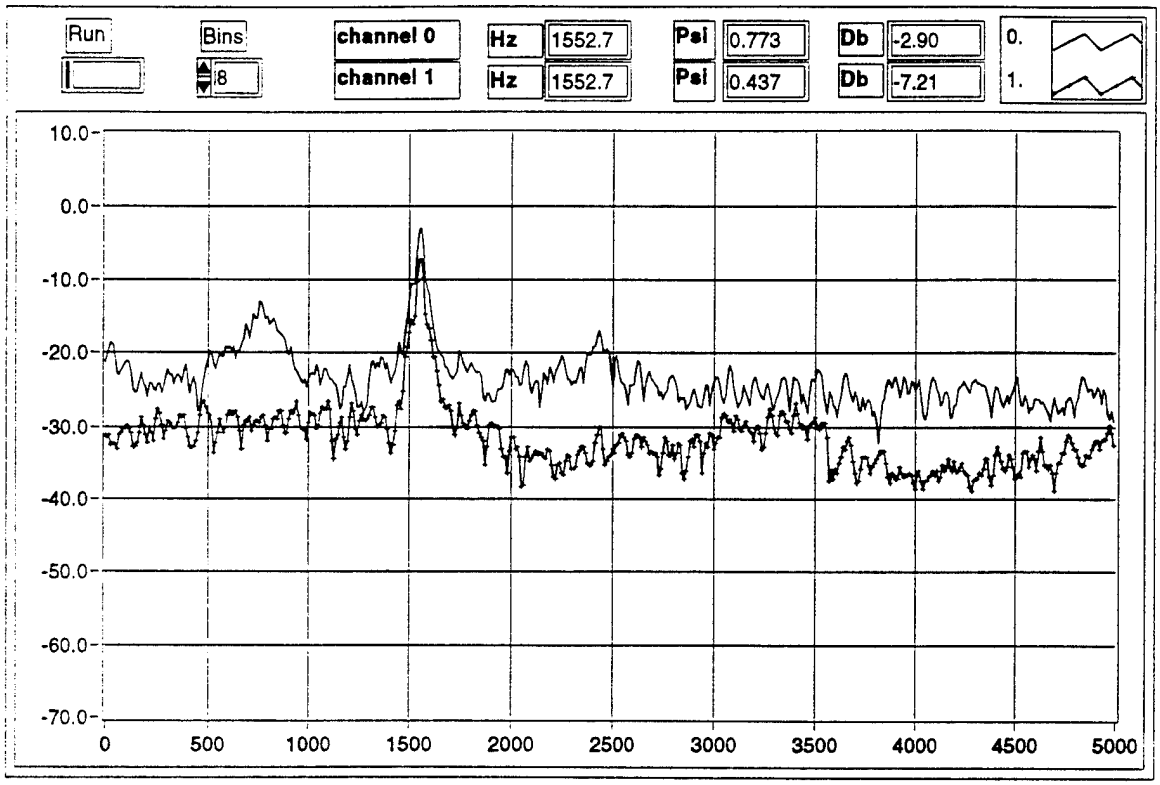
Run 146



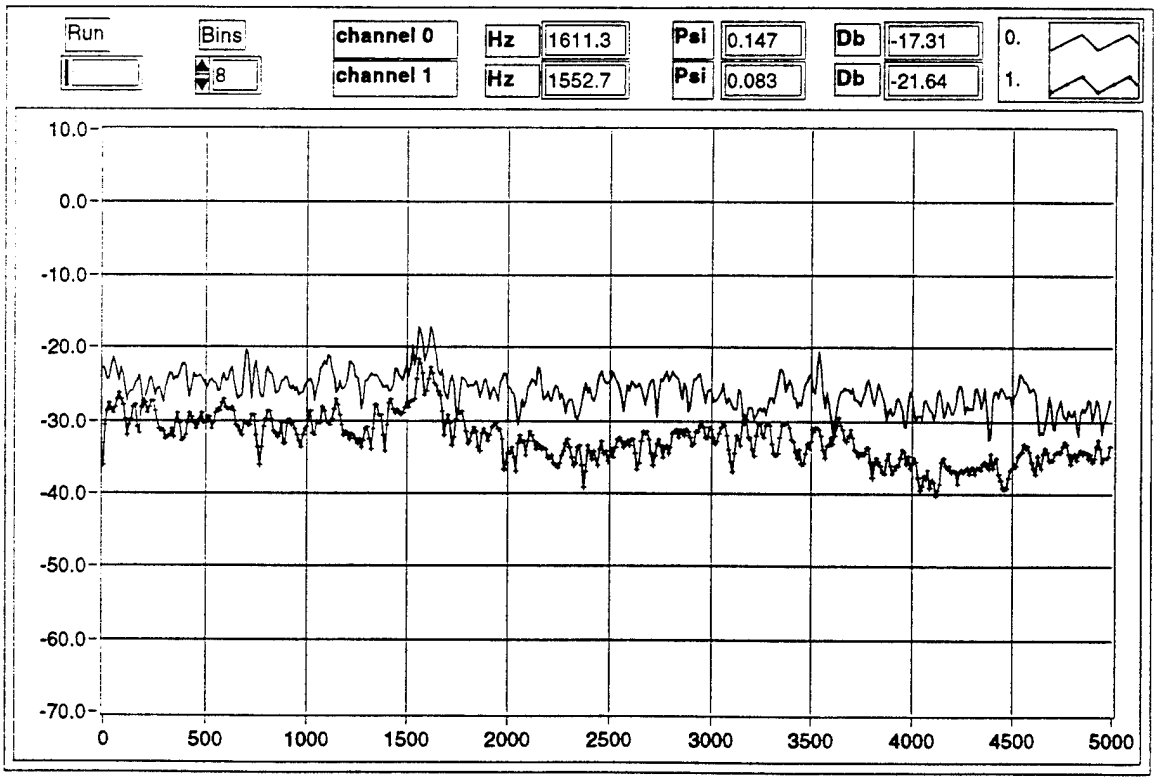
Run 147



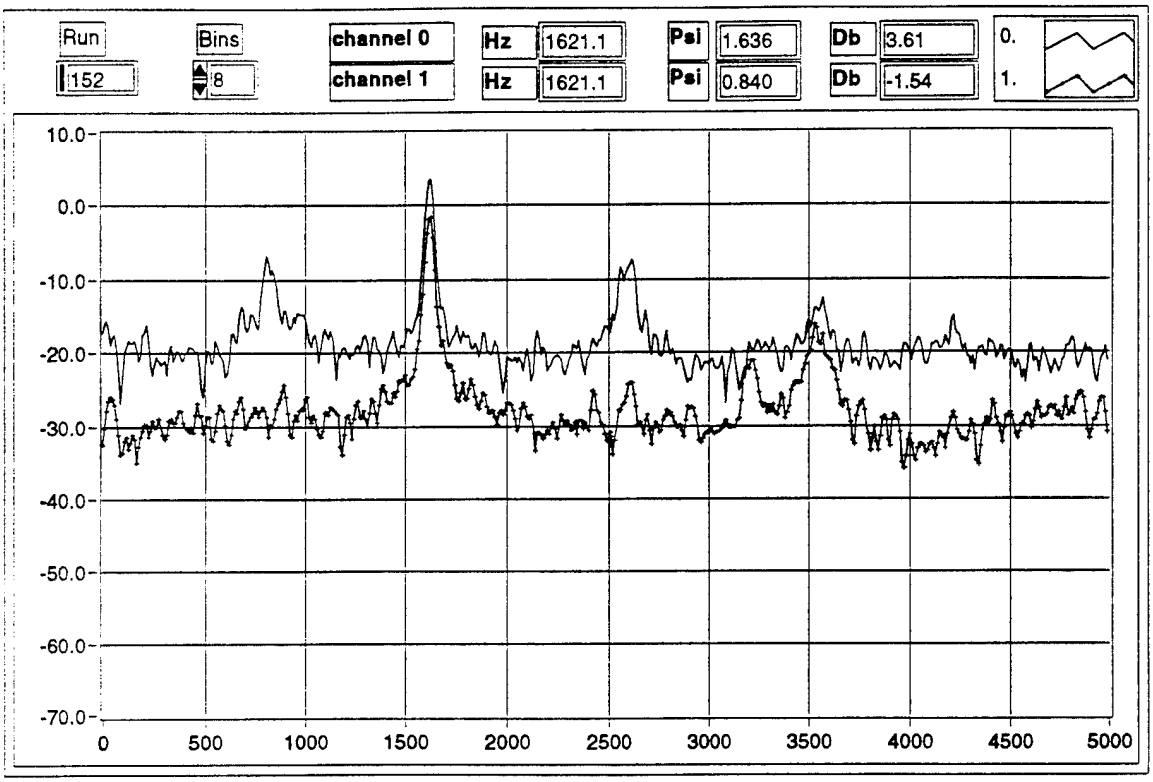
Run 148



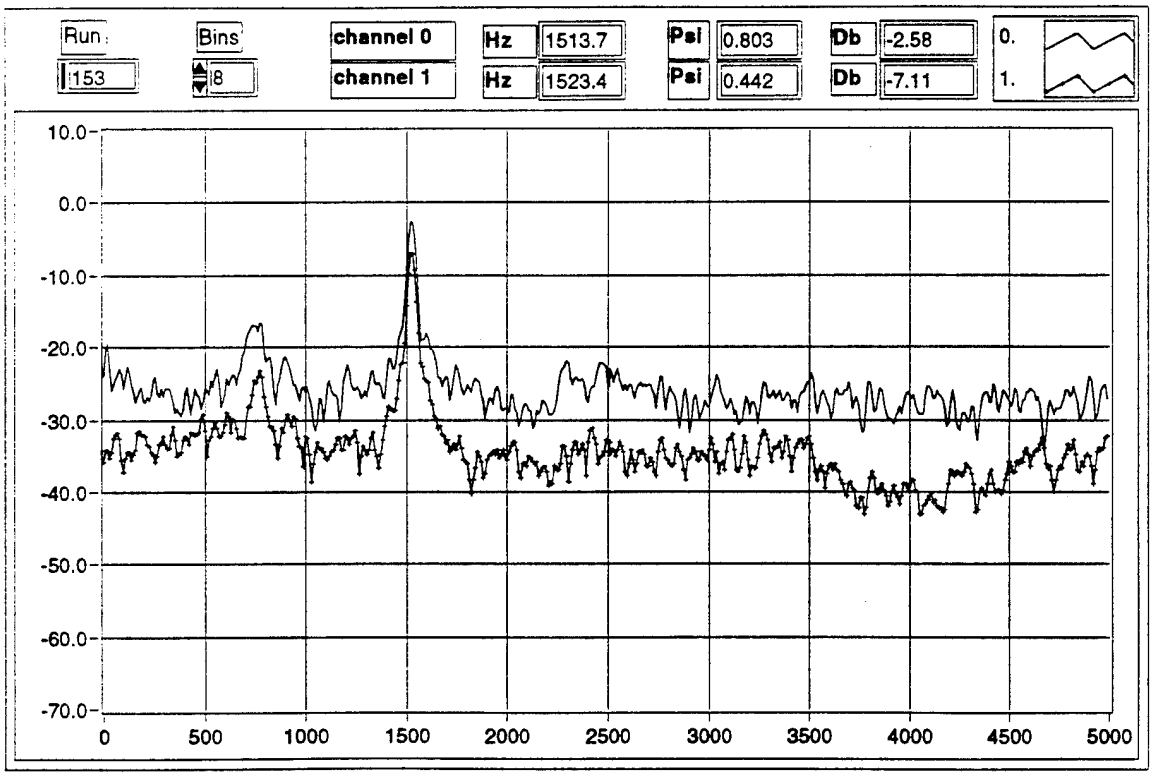
Run 149



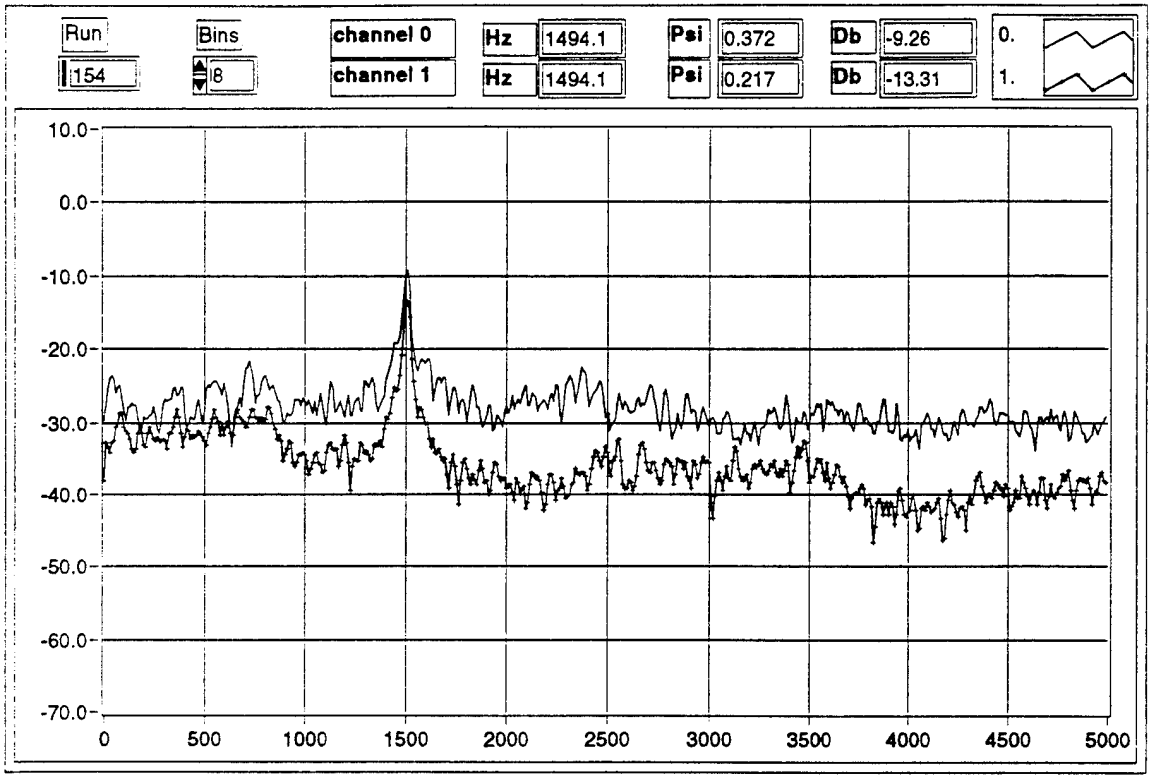
Run 150



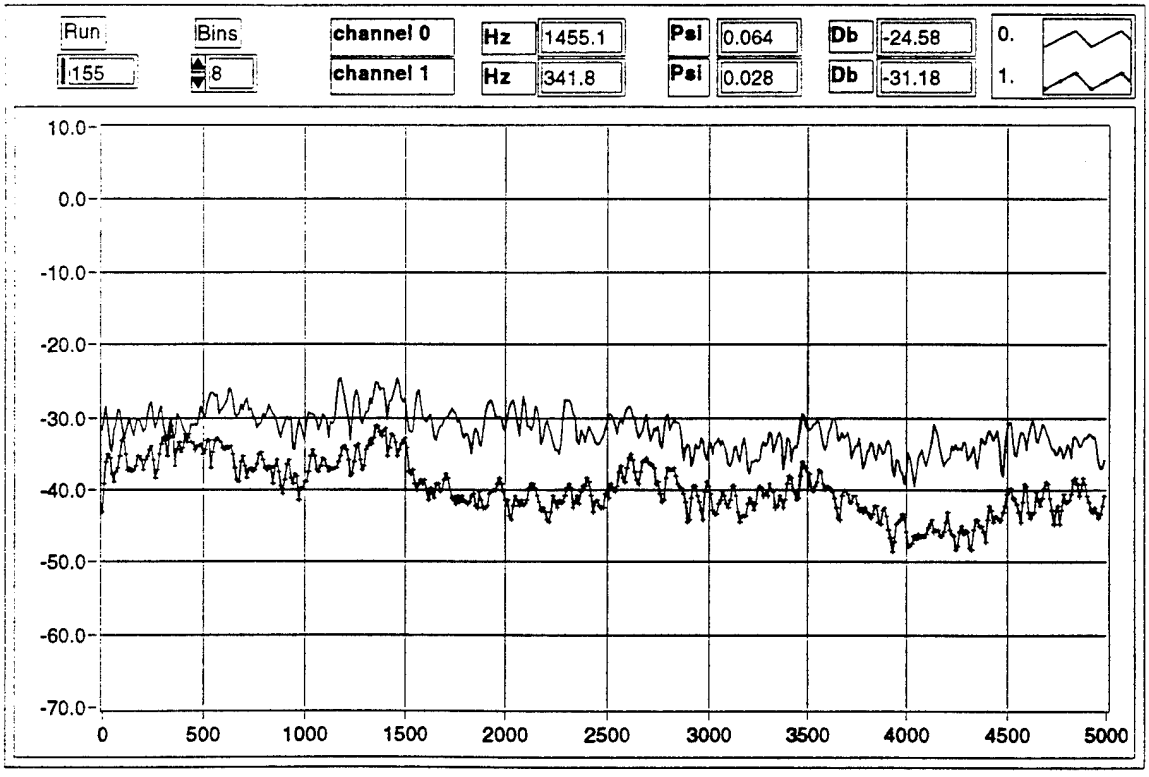
Run 152



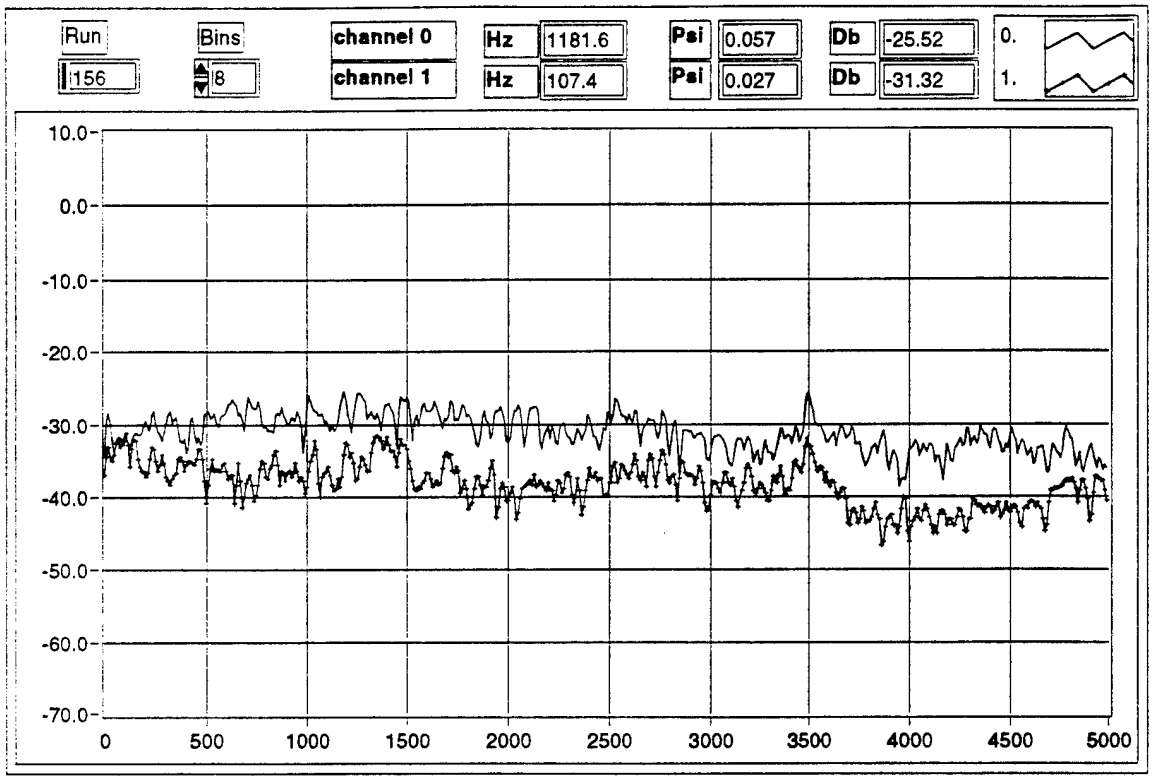
Run 153



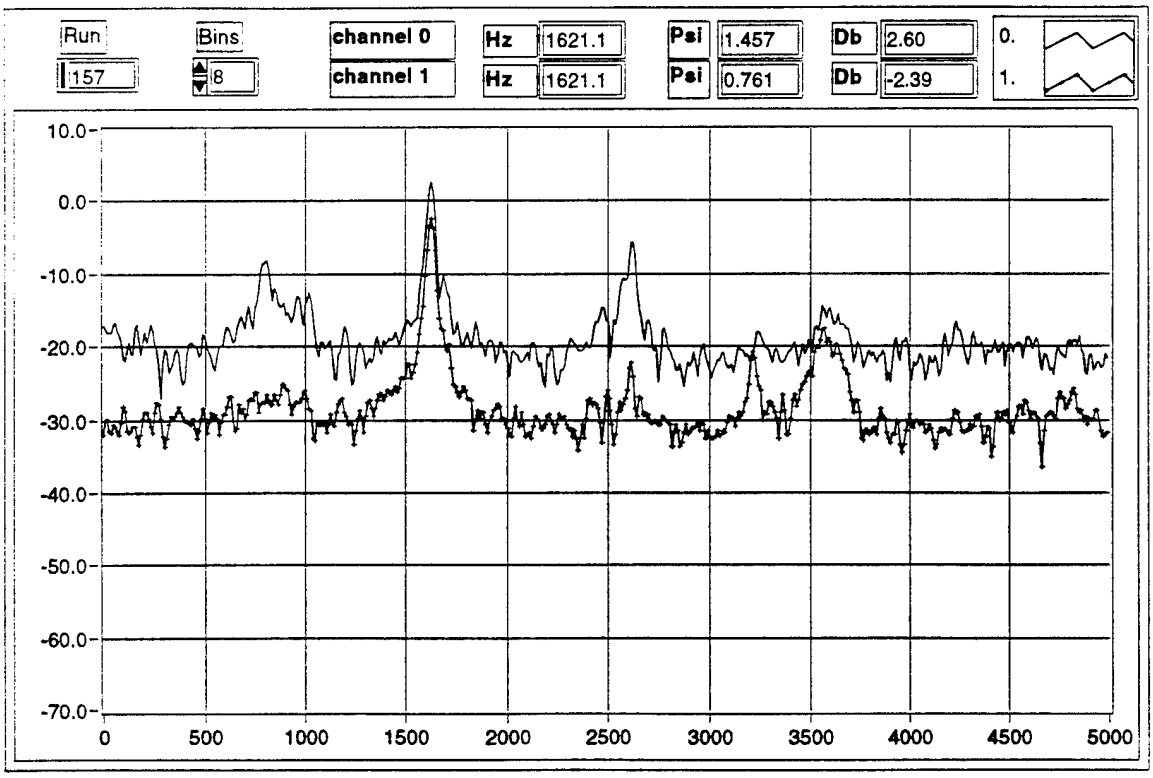
Run 154



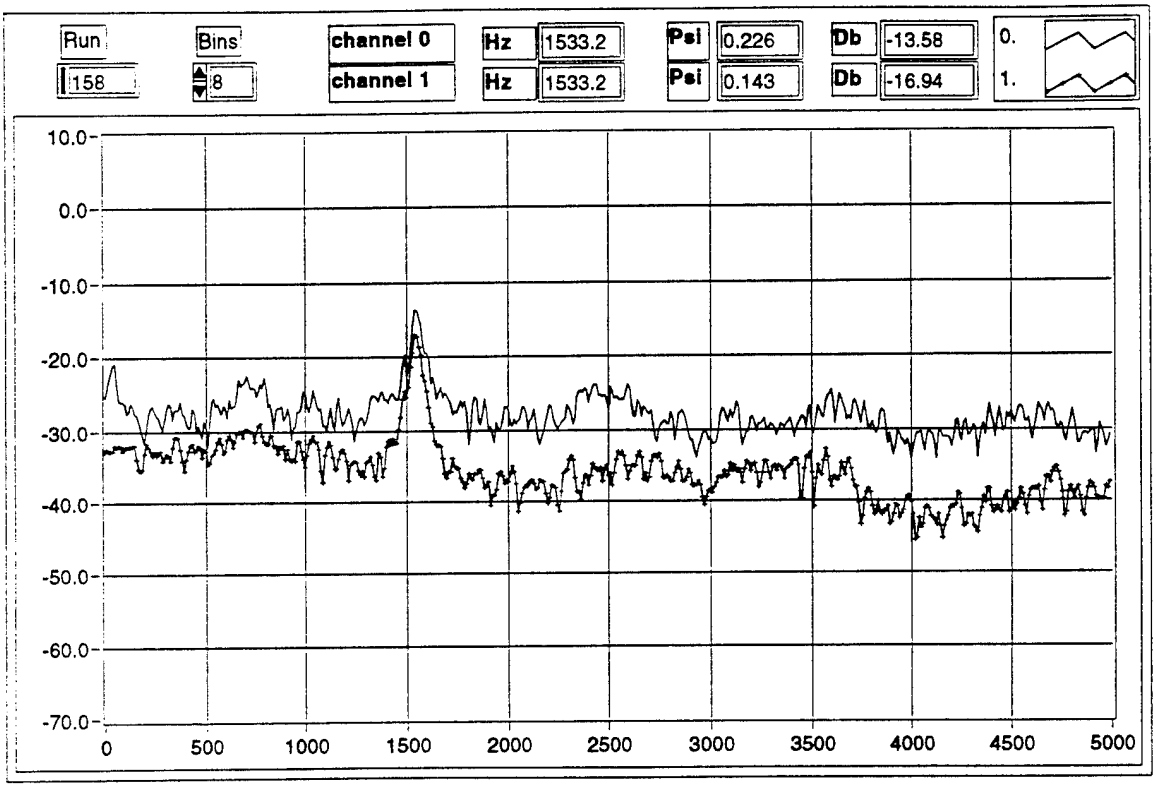
Run 155



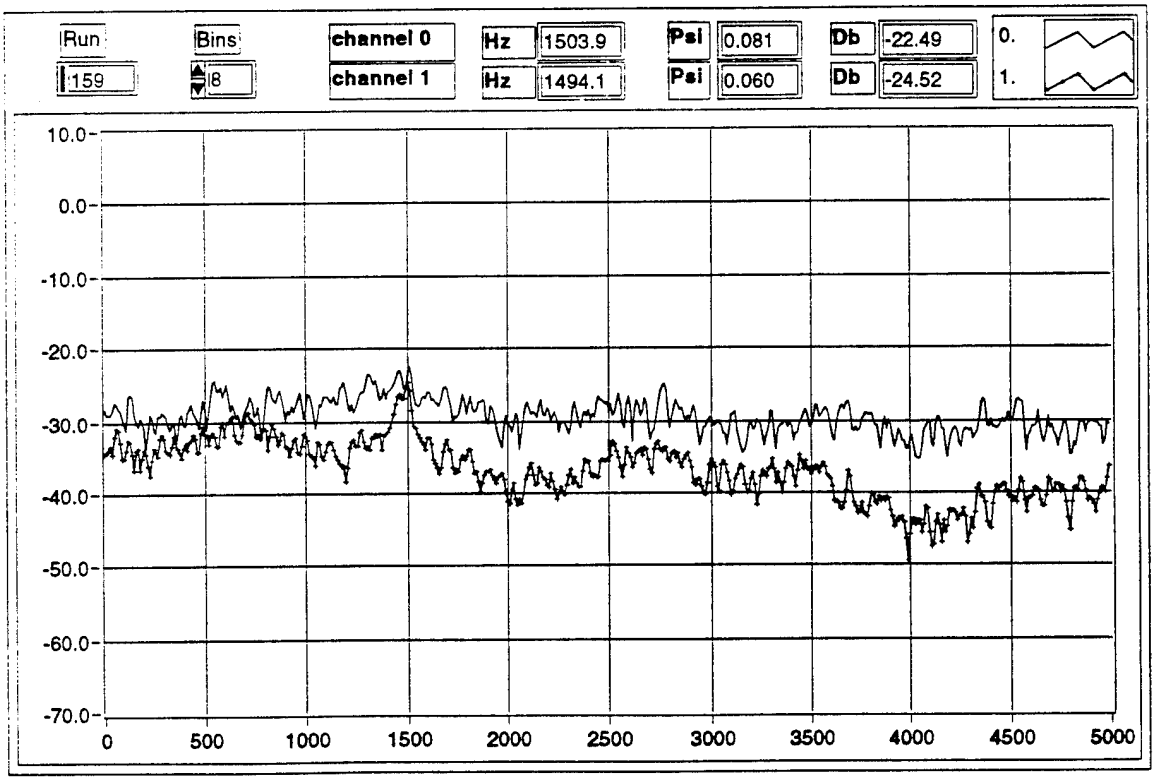
Run 156



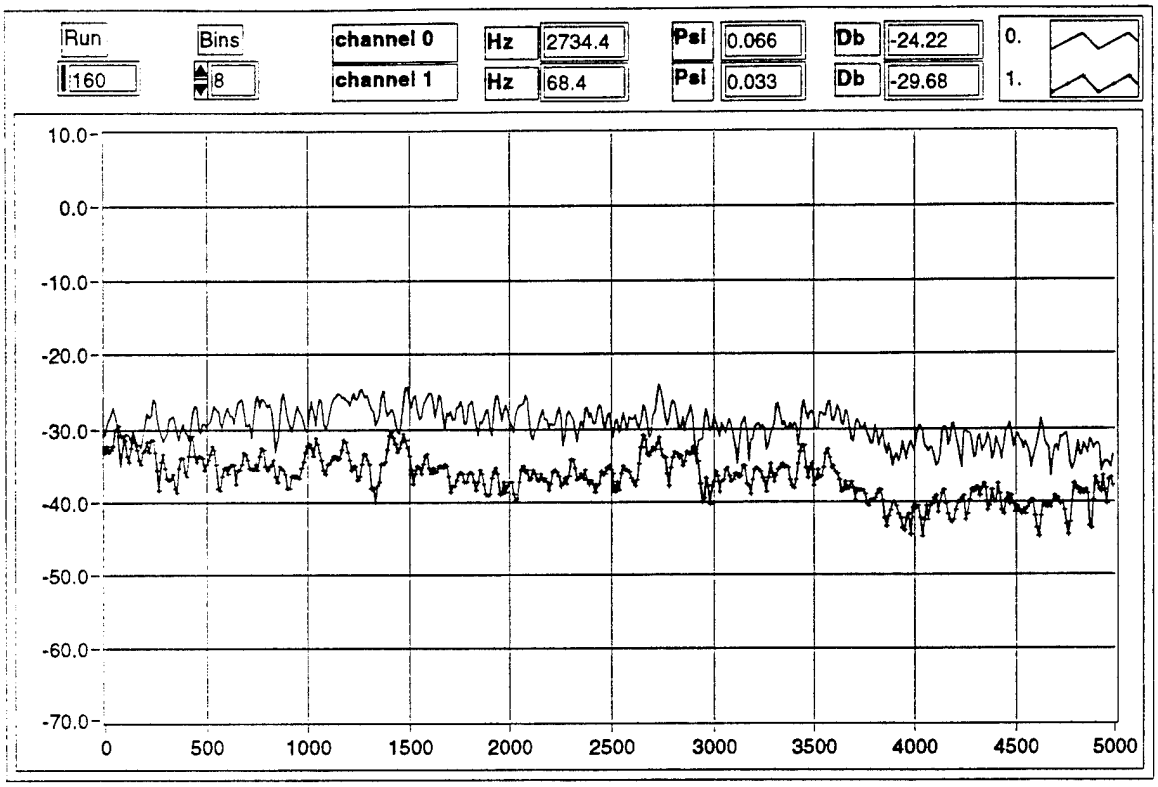
Run 157



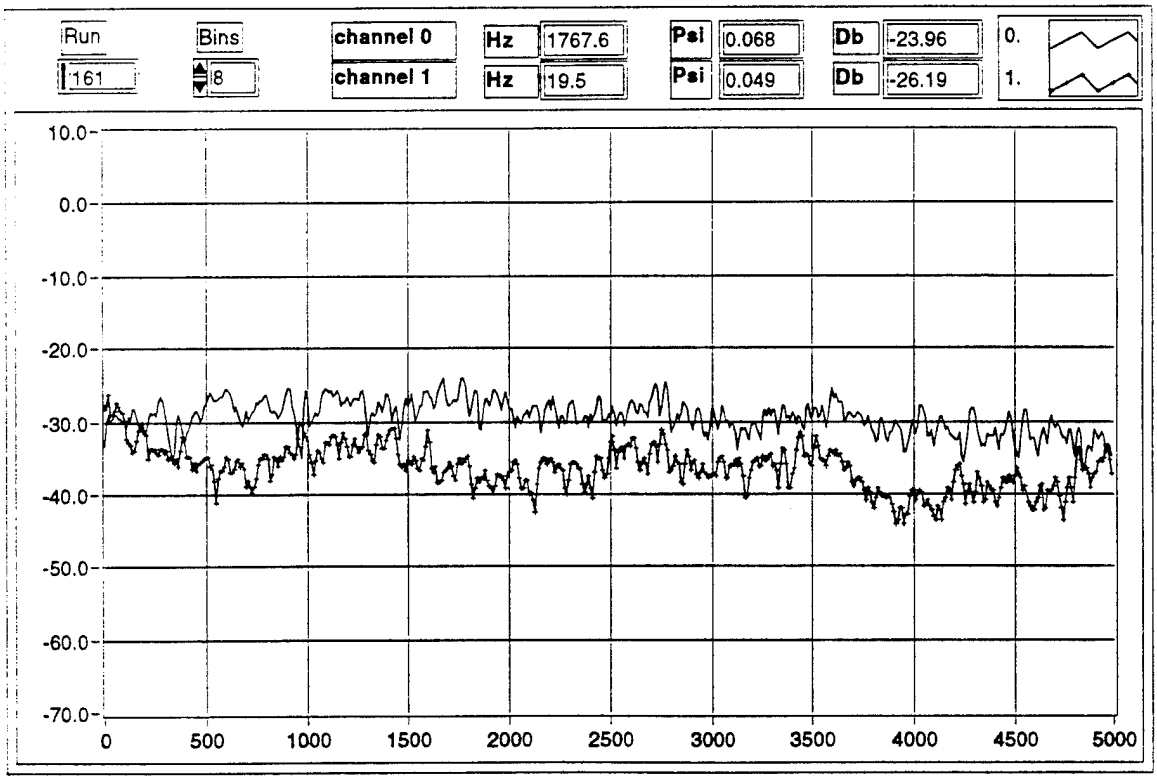
Run 158



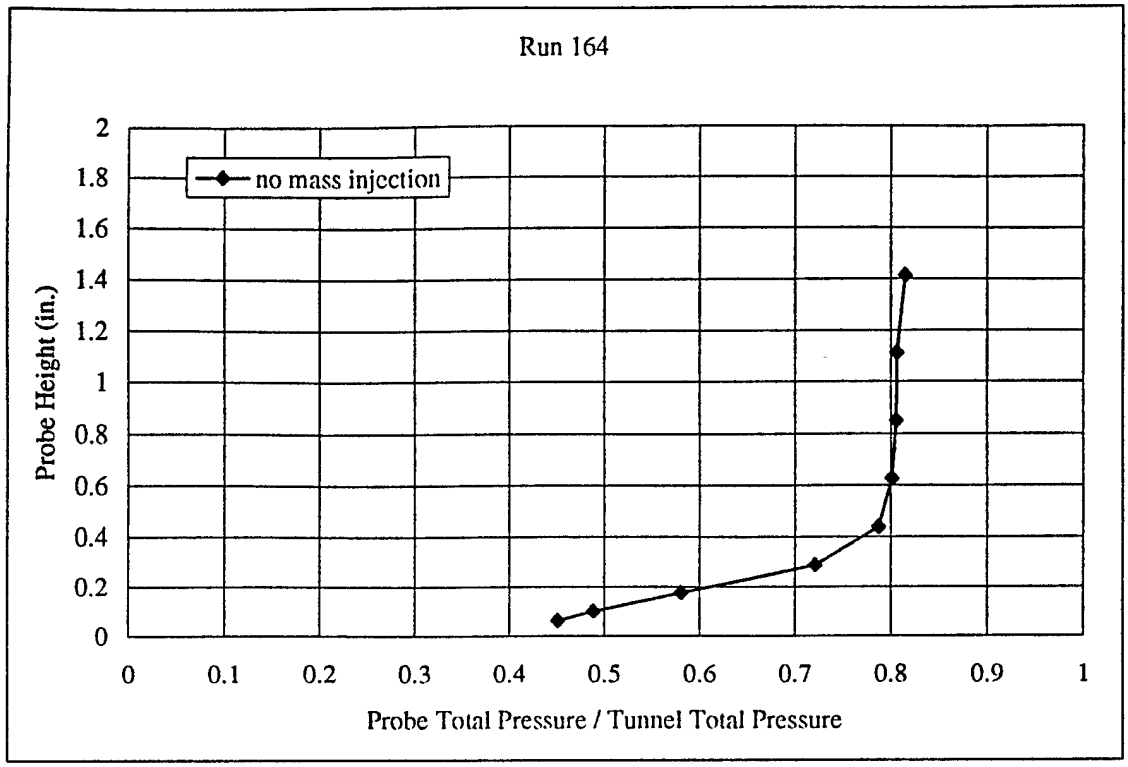
Run 159

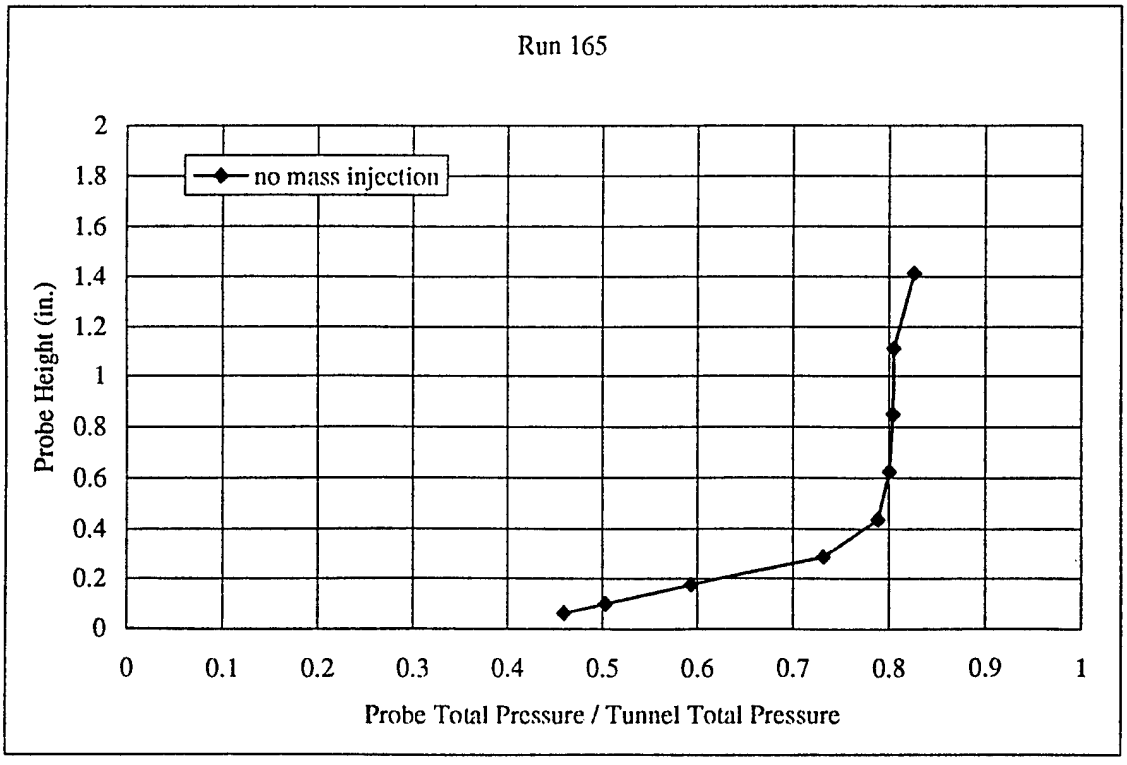


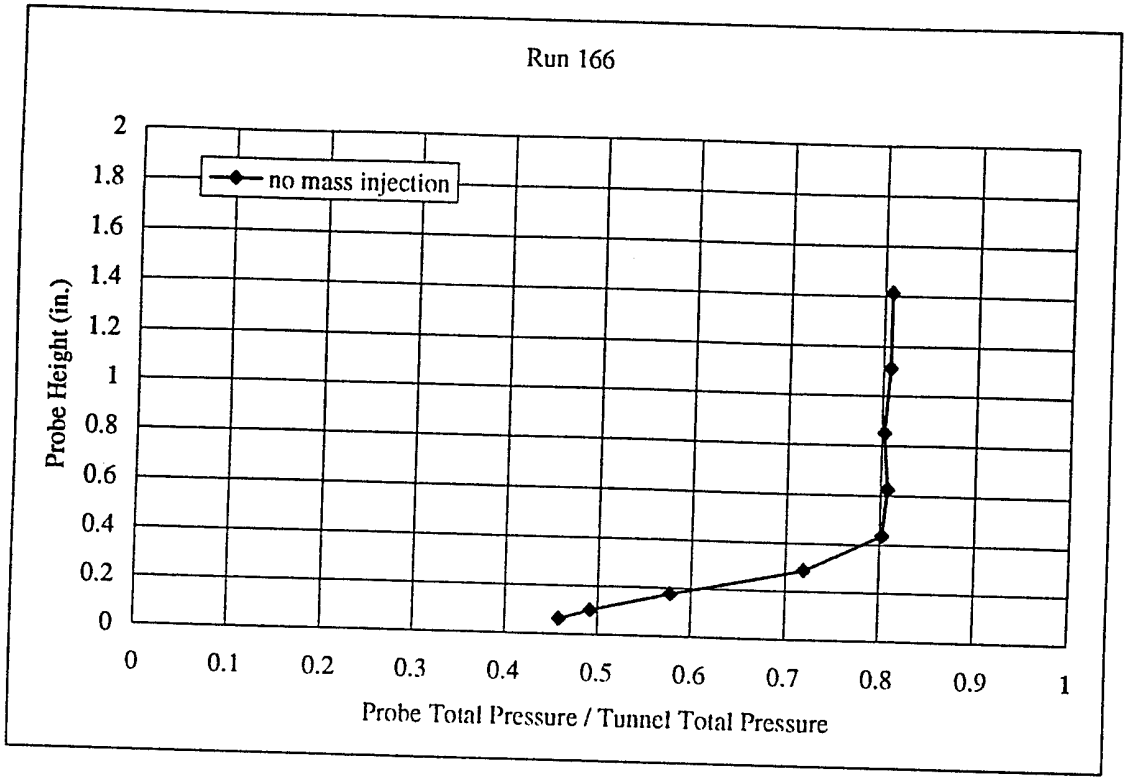
Run 160

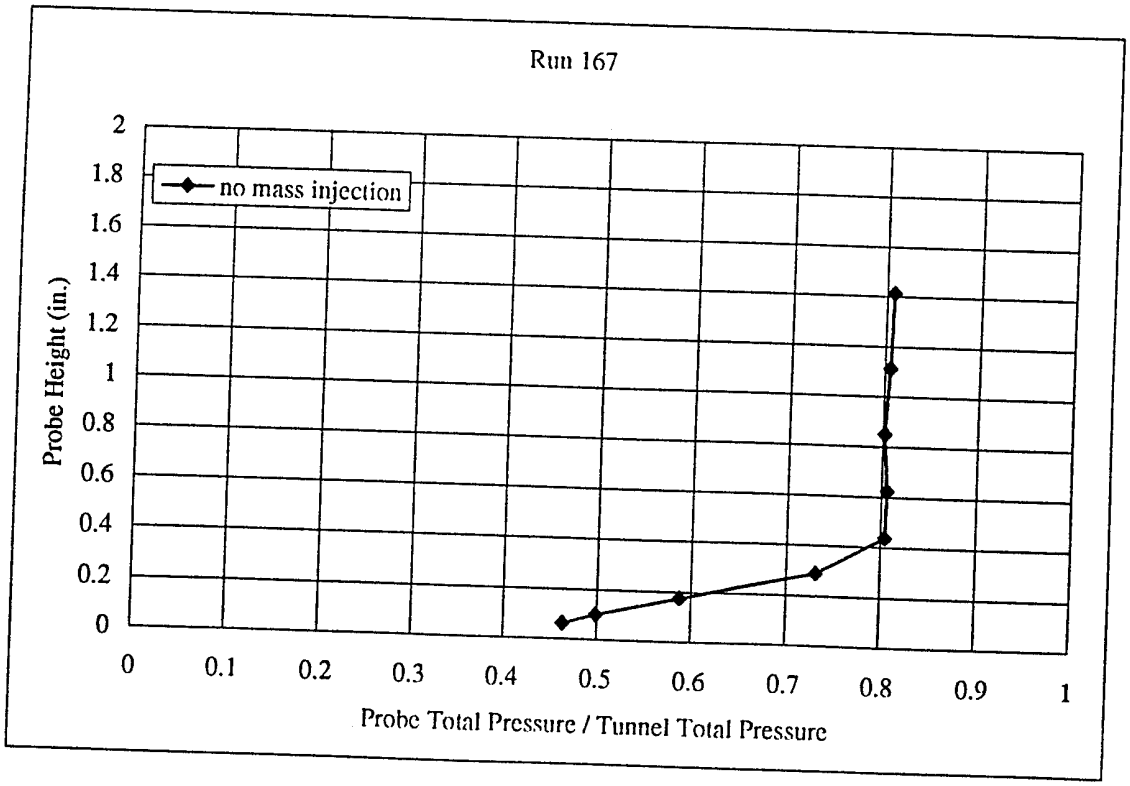


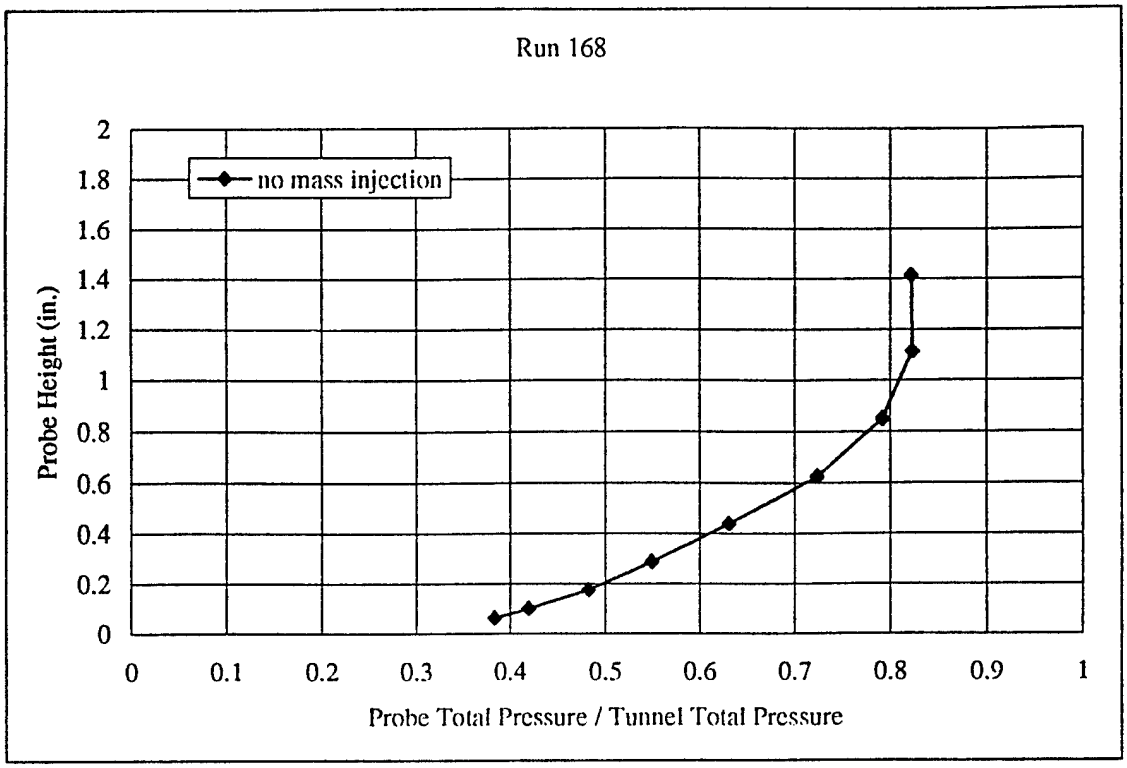
Run 161

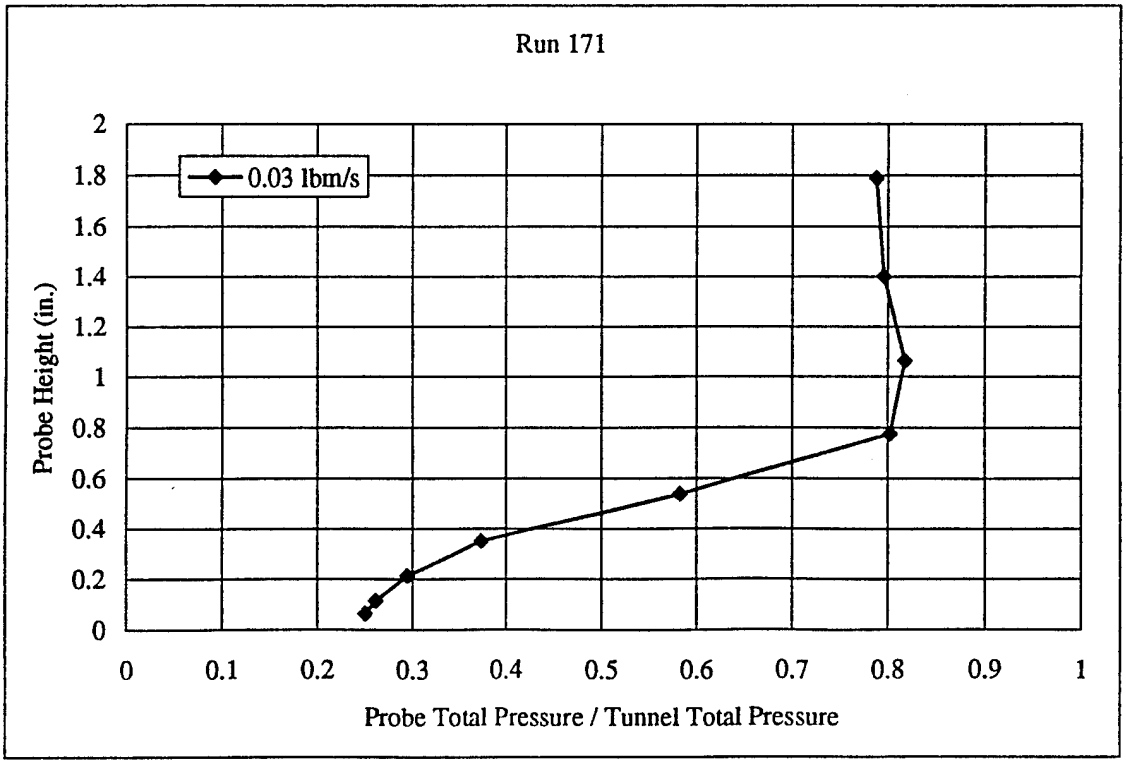

Run 164
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

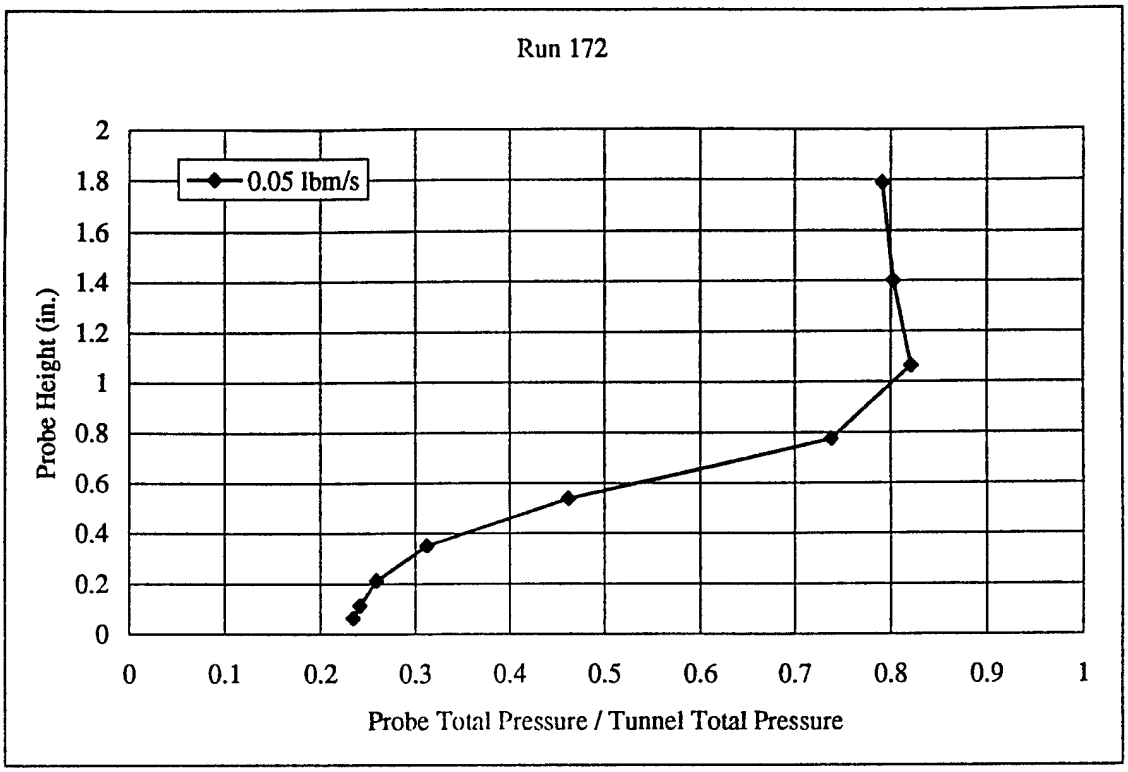

Run 165
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

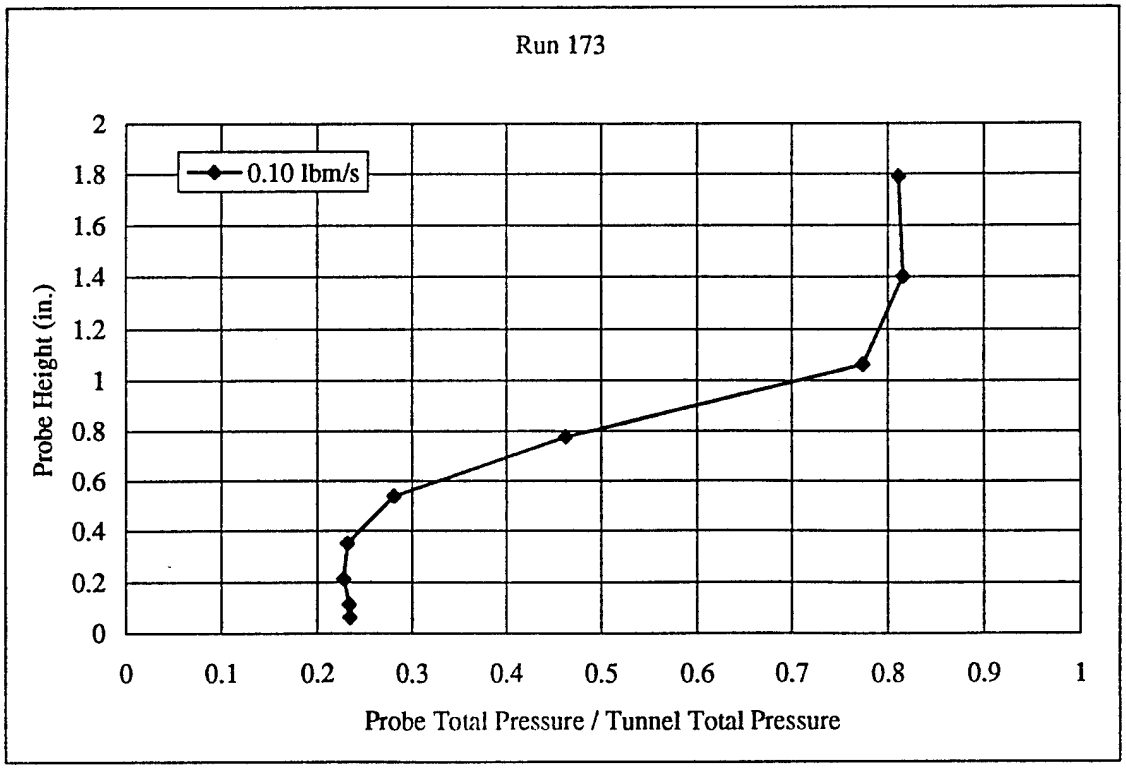

Run 166
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

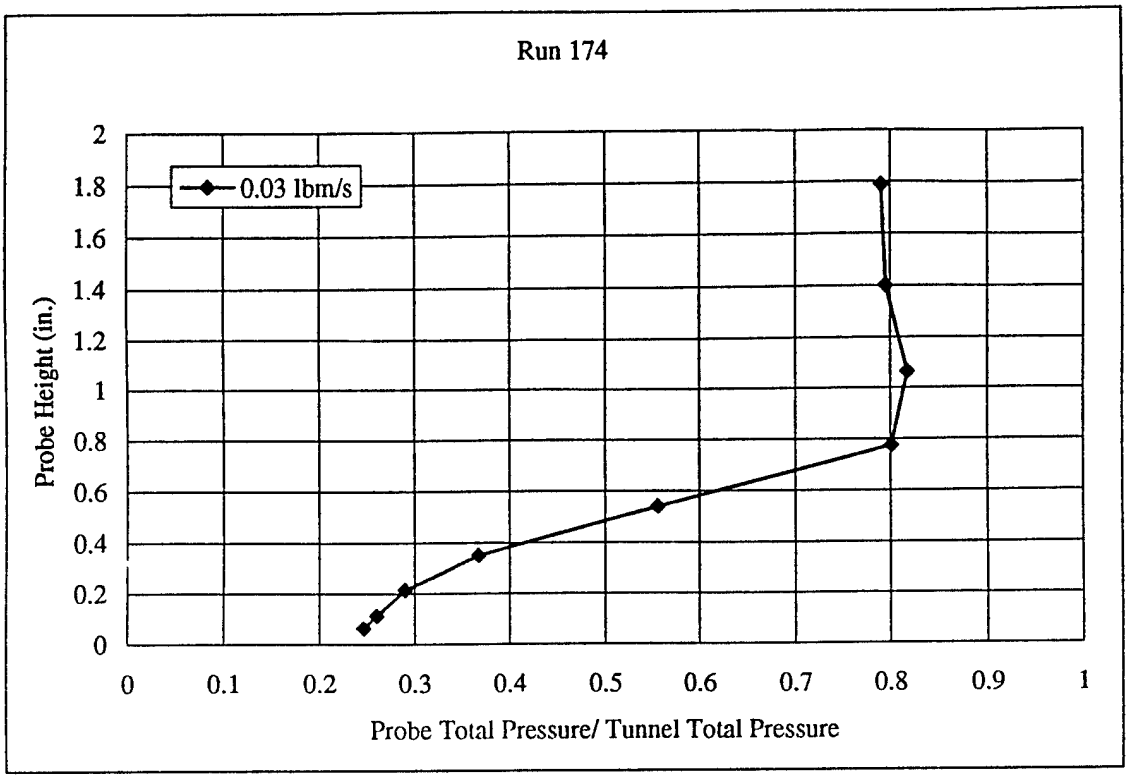

Run 167
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

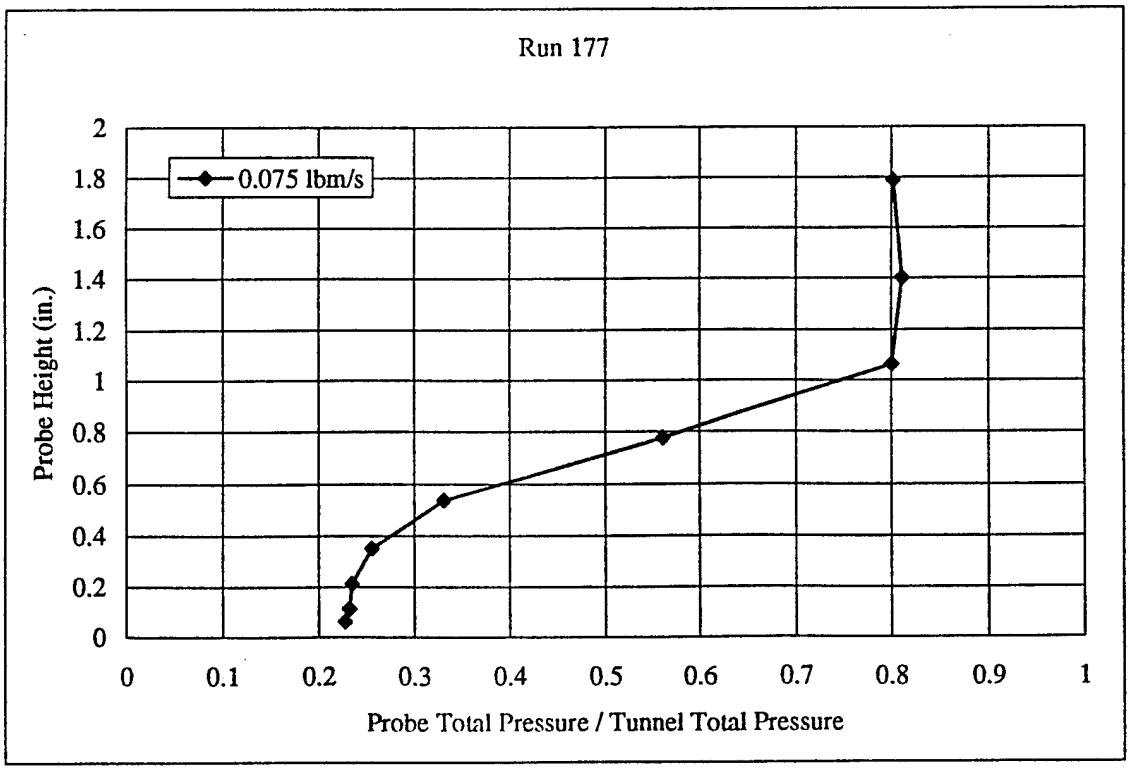

Run 168
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

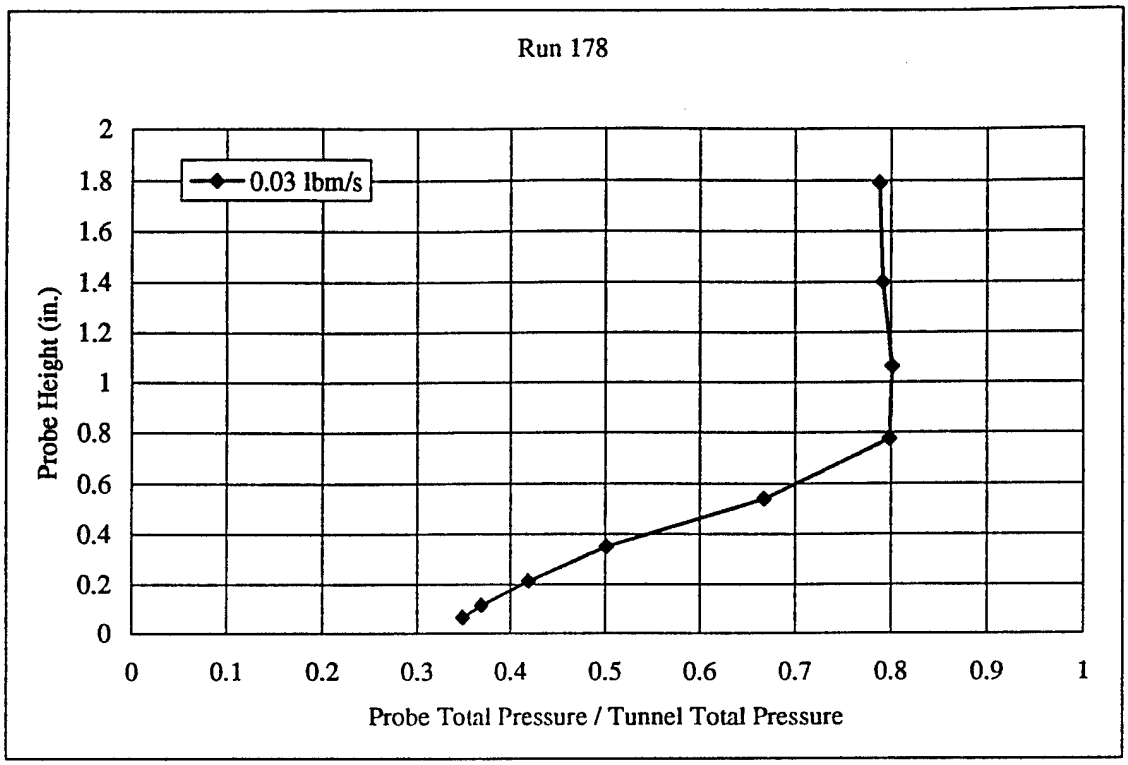

Run 171
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

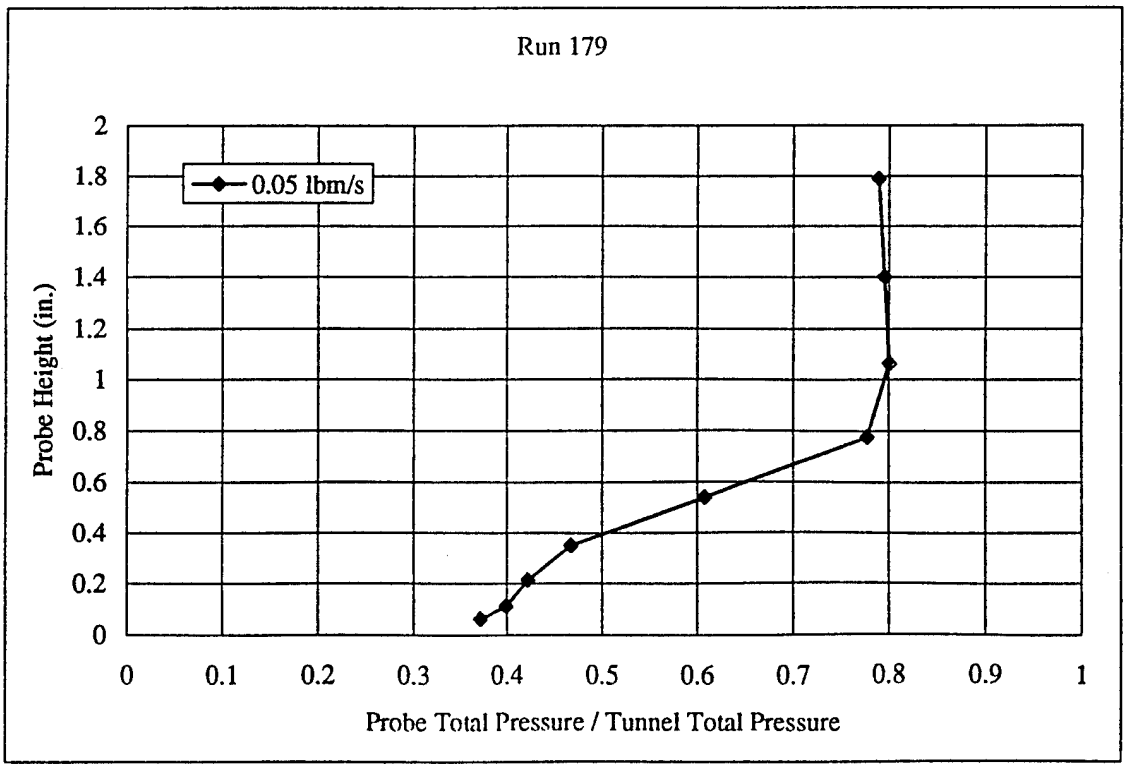

Run 172
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

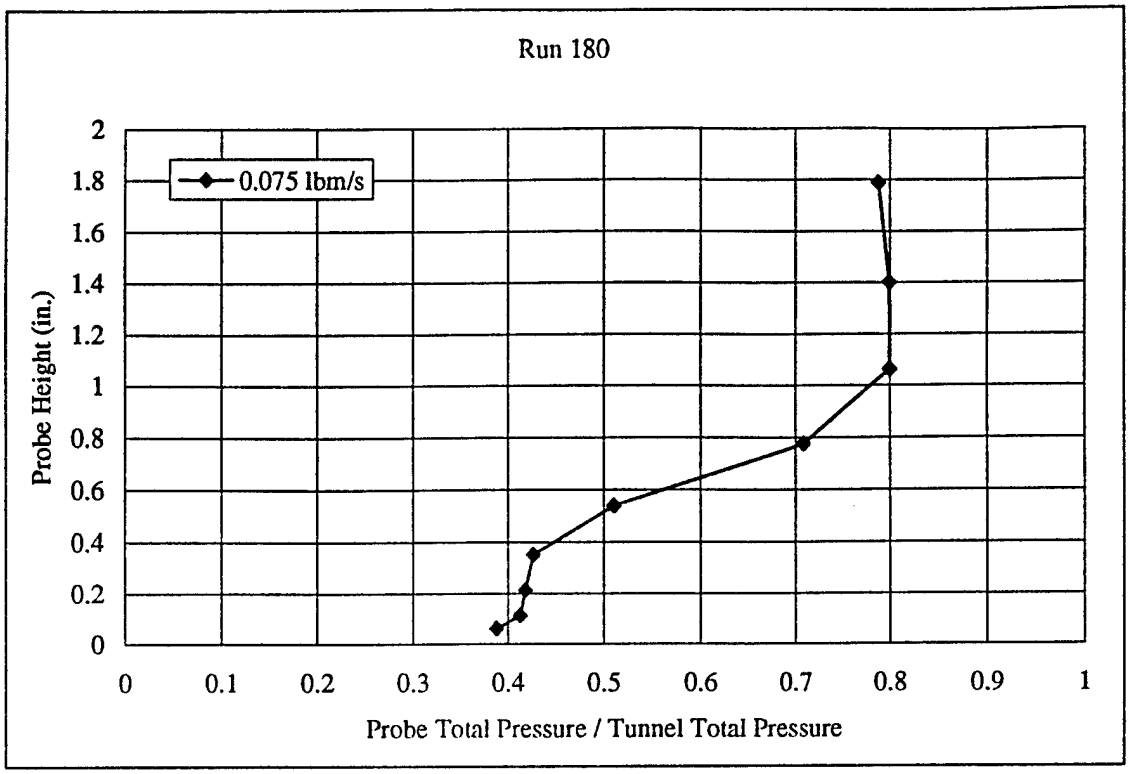

Run 173
0.10 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

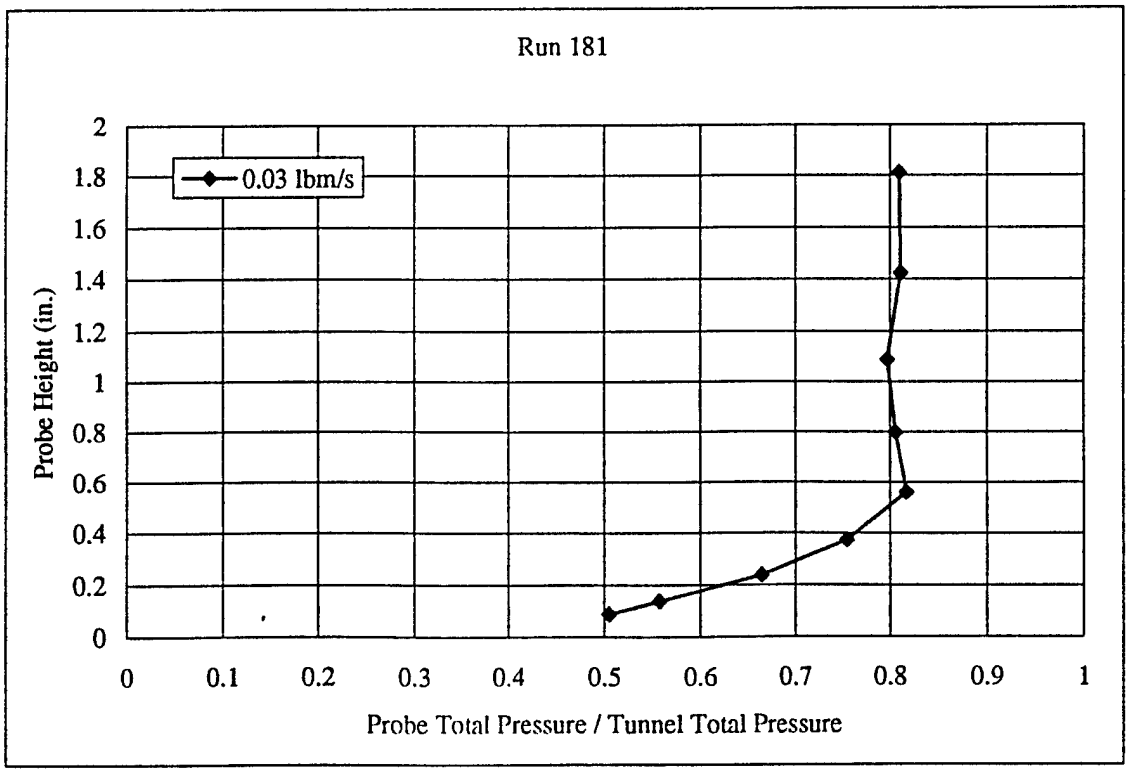

Run 174
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure/ Tunnel Total Pressure

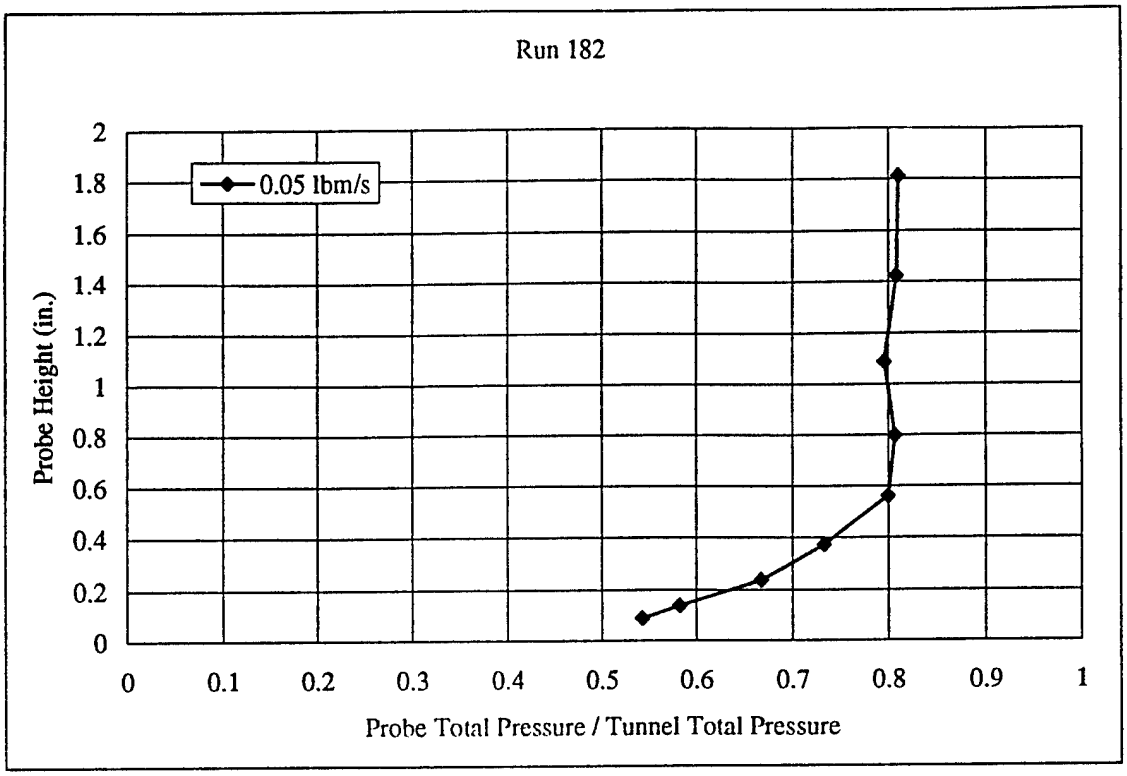

Run 177
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

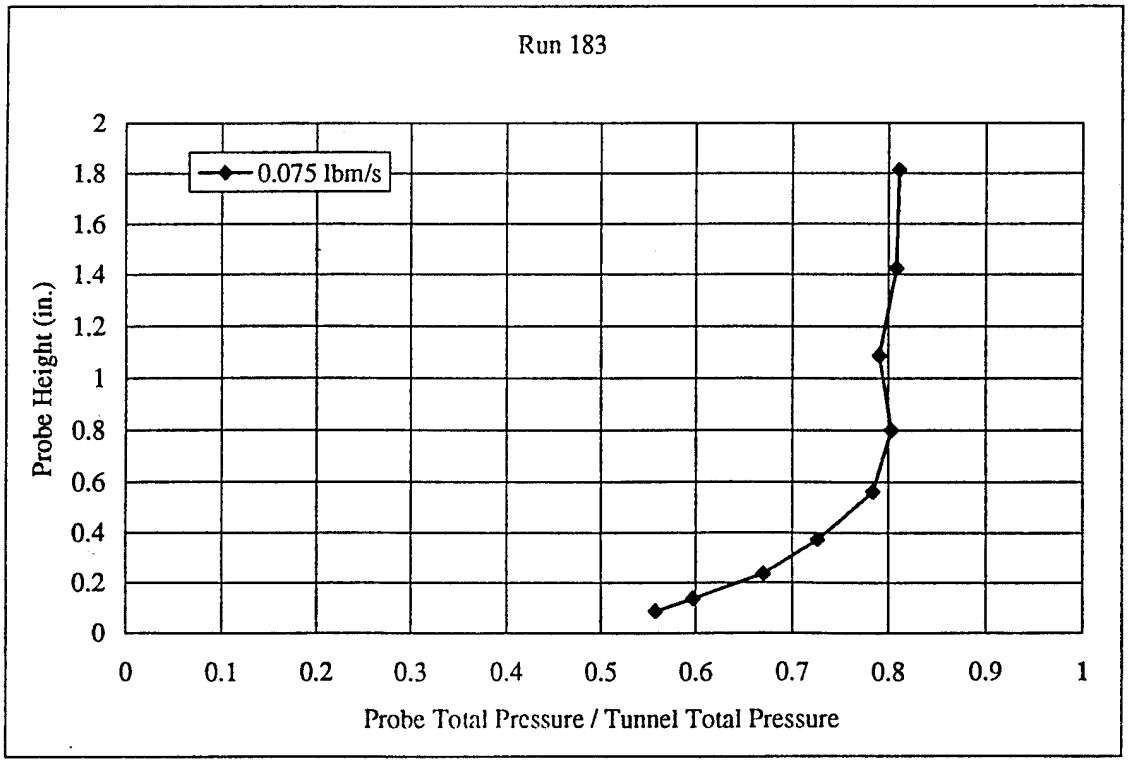

Run 178
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

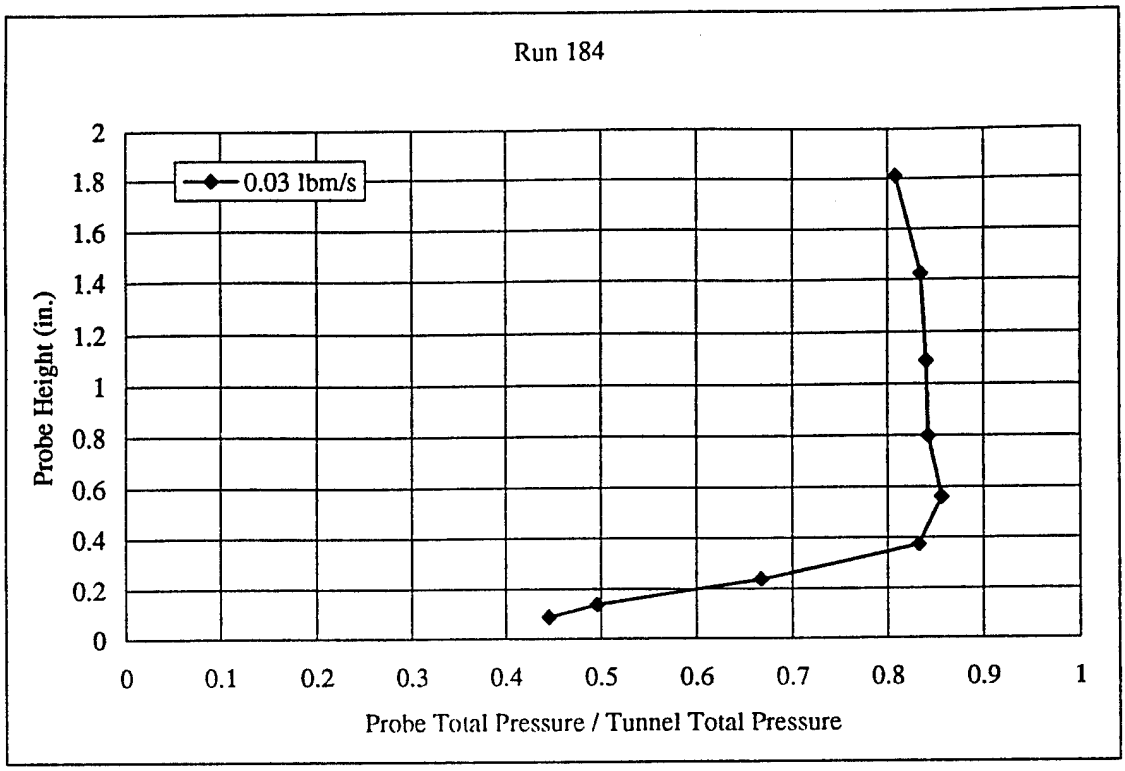

Run 179
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

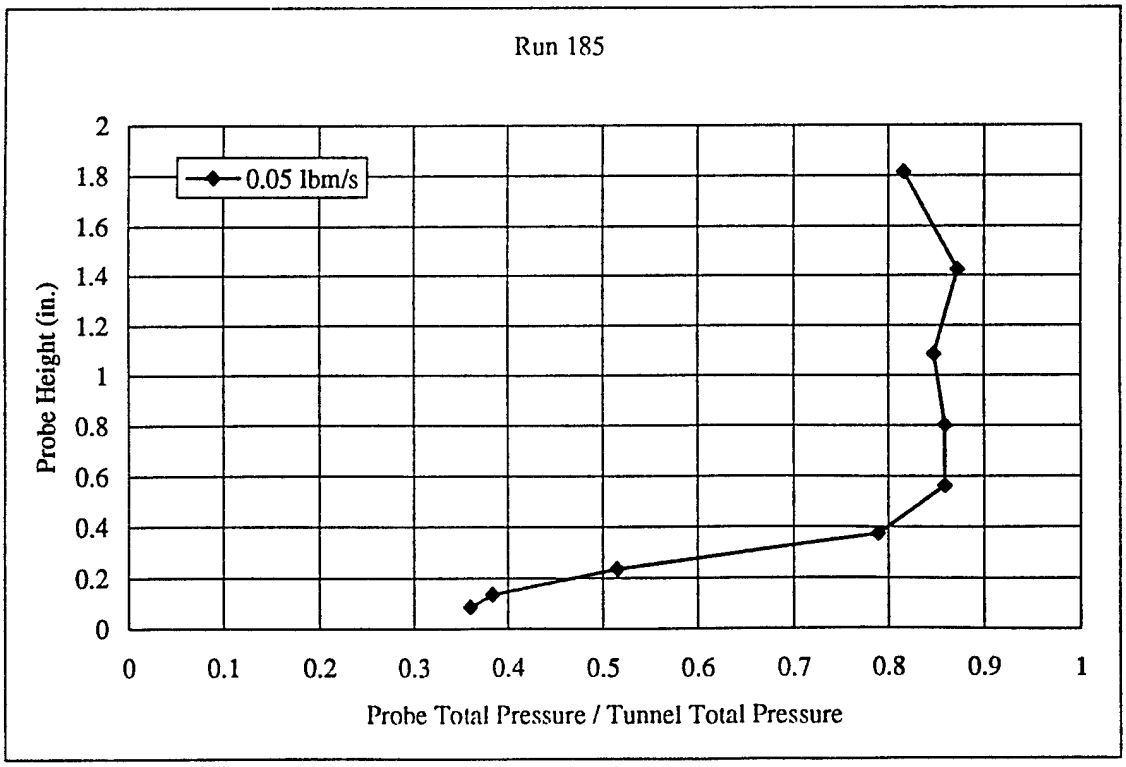

Run 180
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

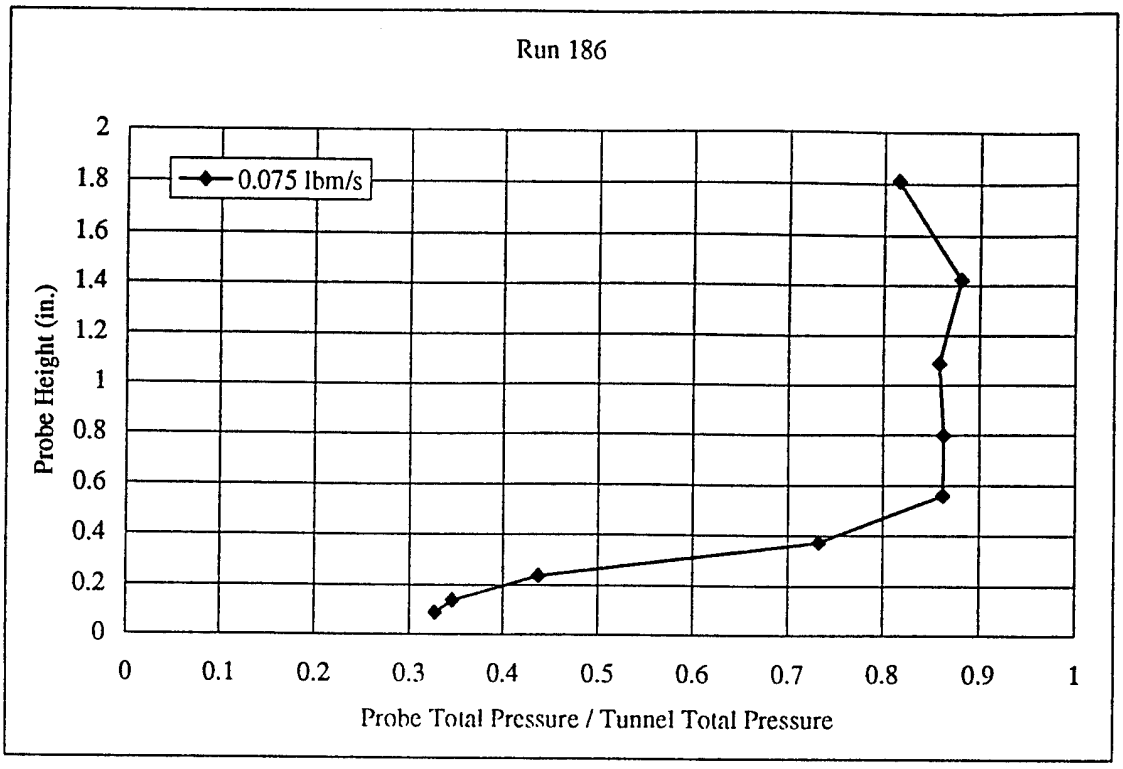

Run 181
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

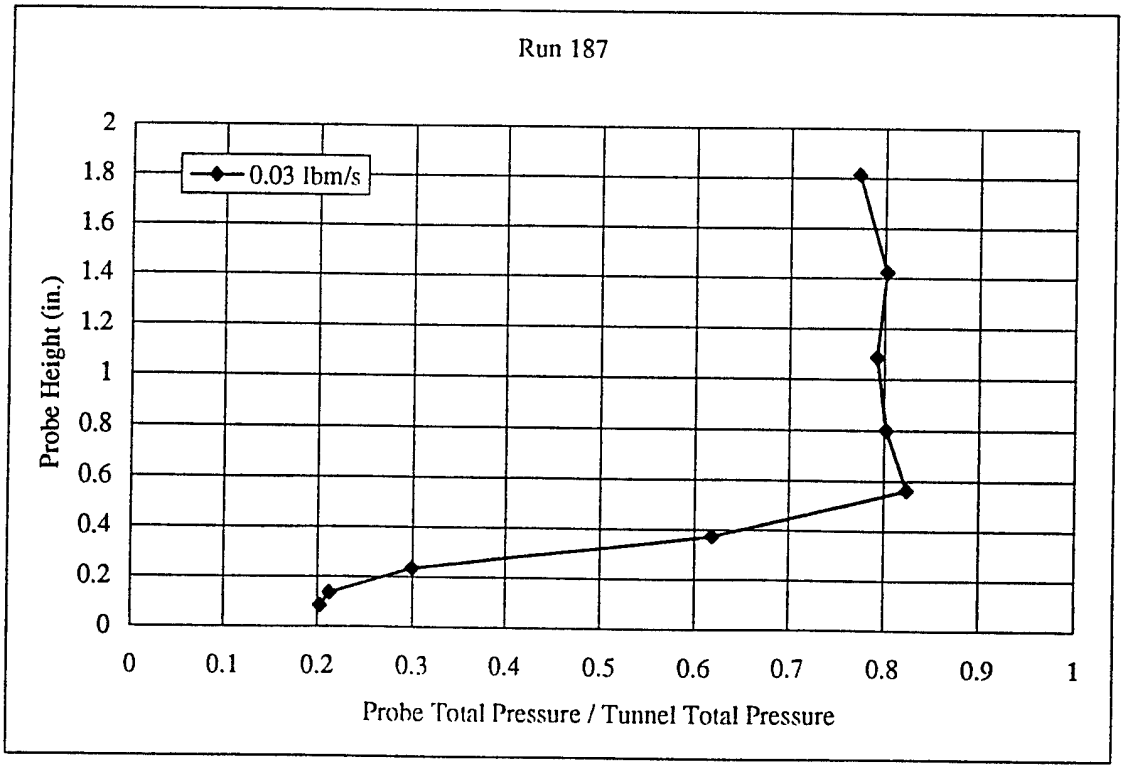

Run 182
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

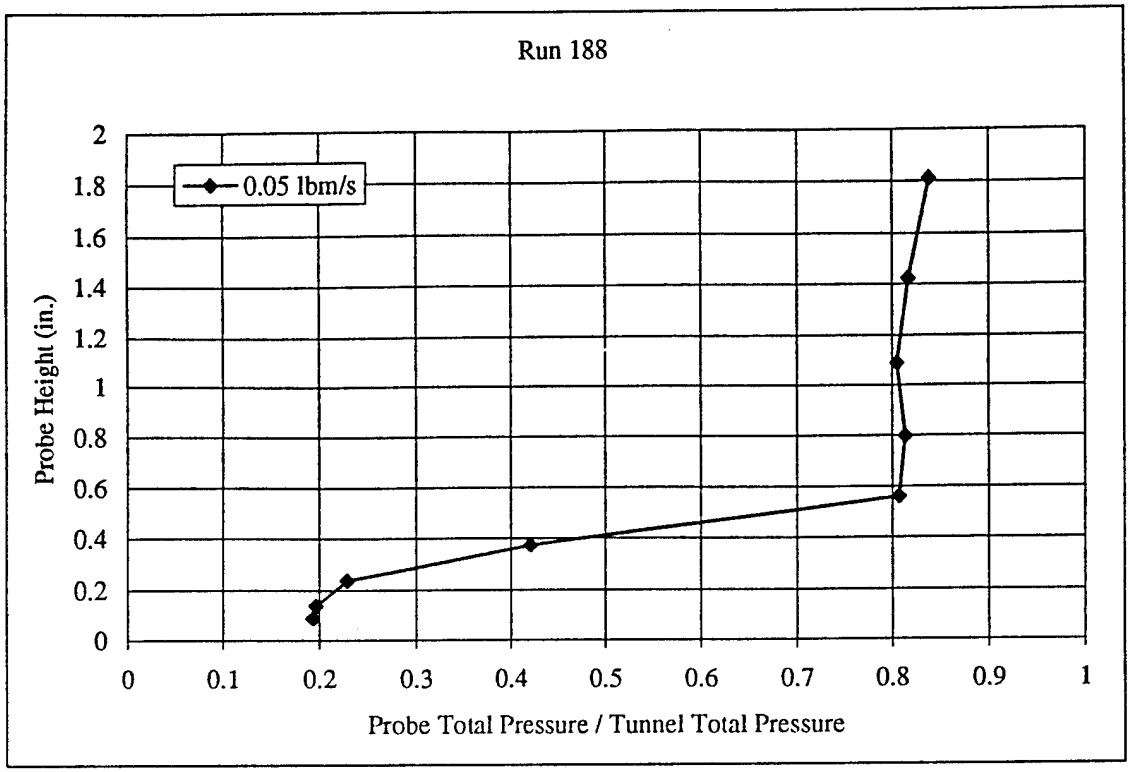

Run 183
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

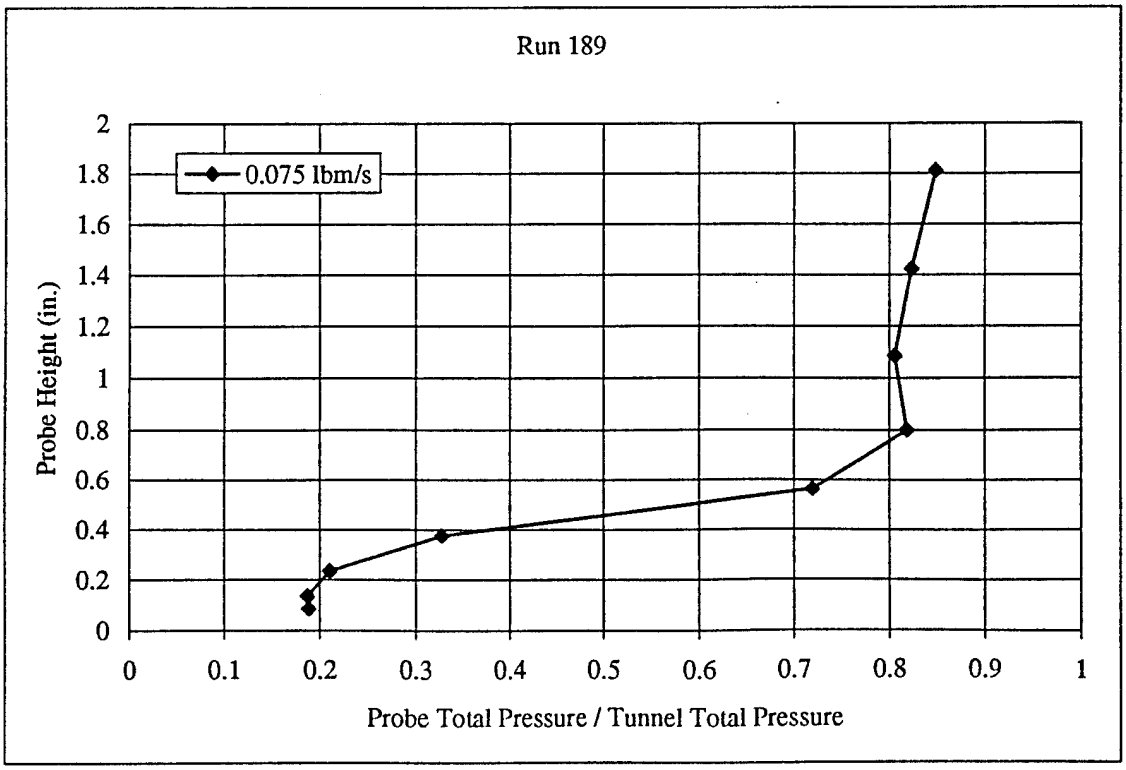

Run 184
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

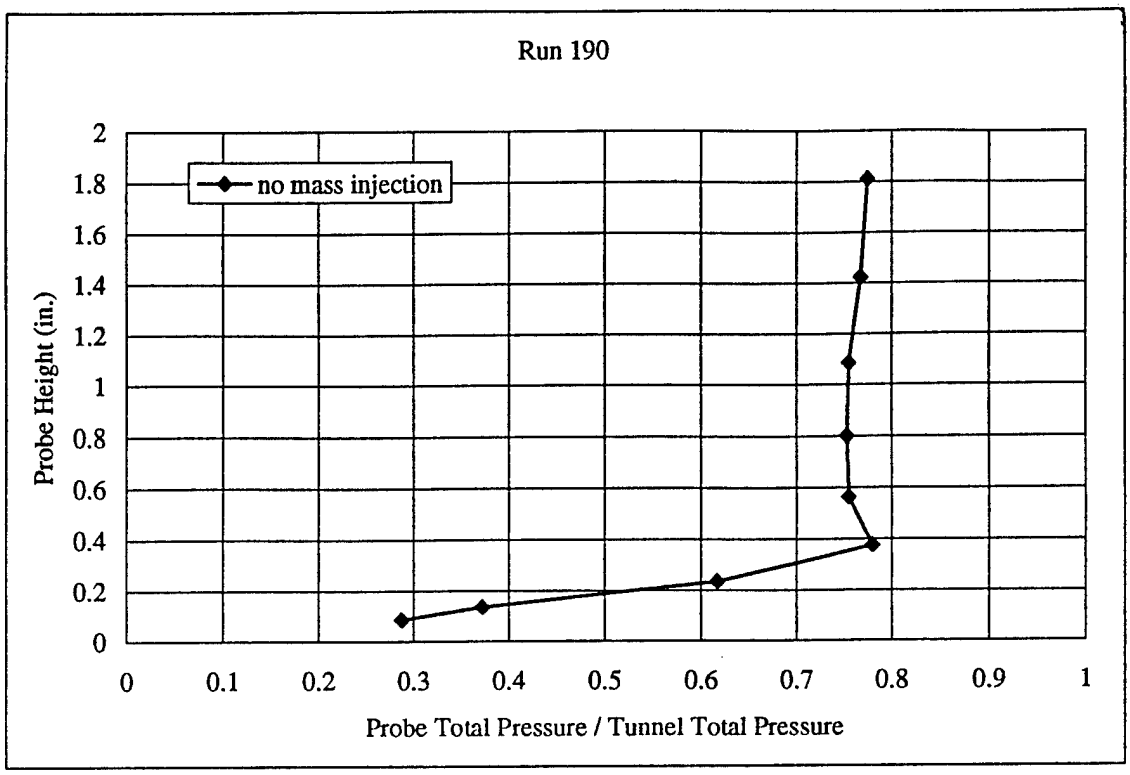

Run 185
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

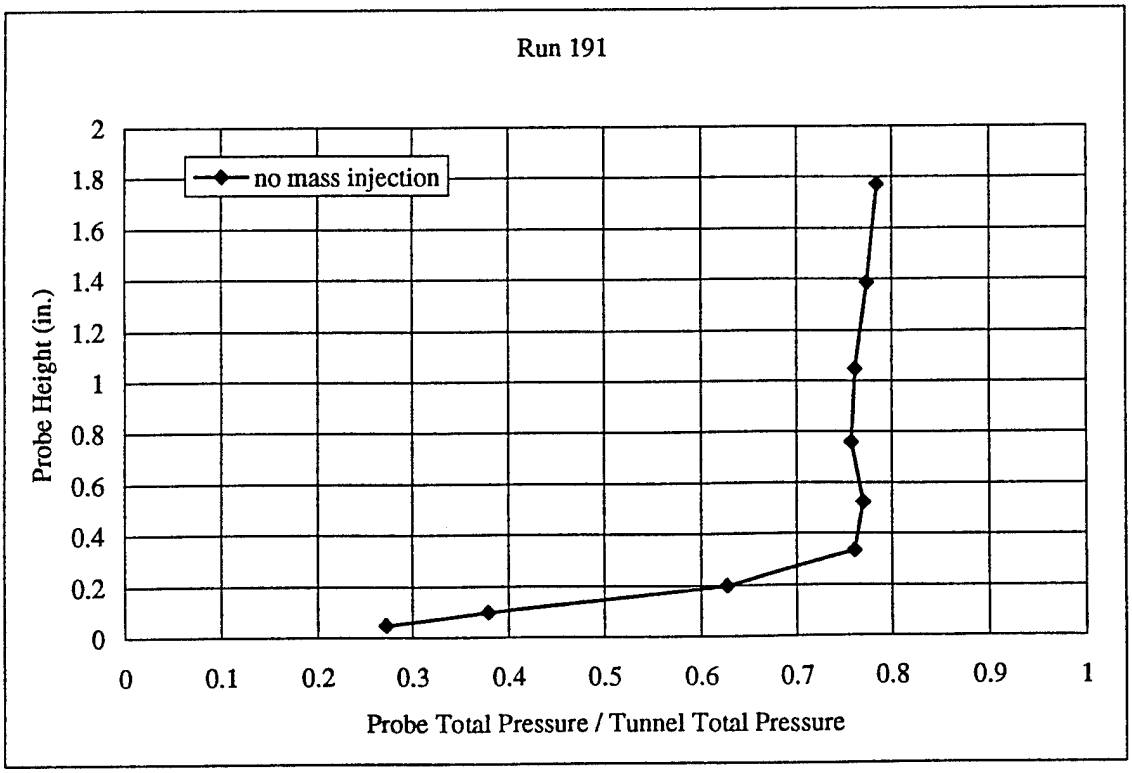

Run 186
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

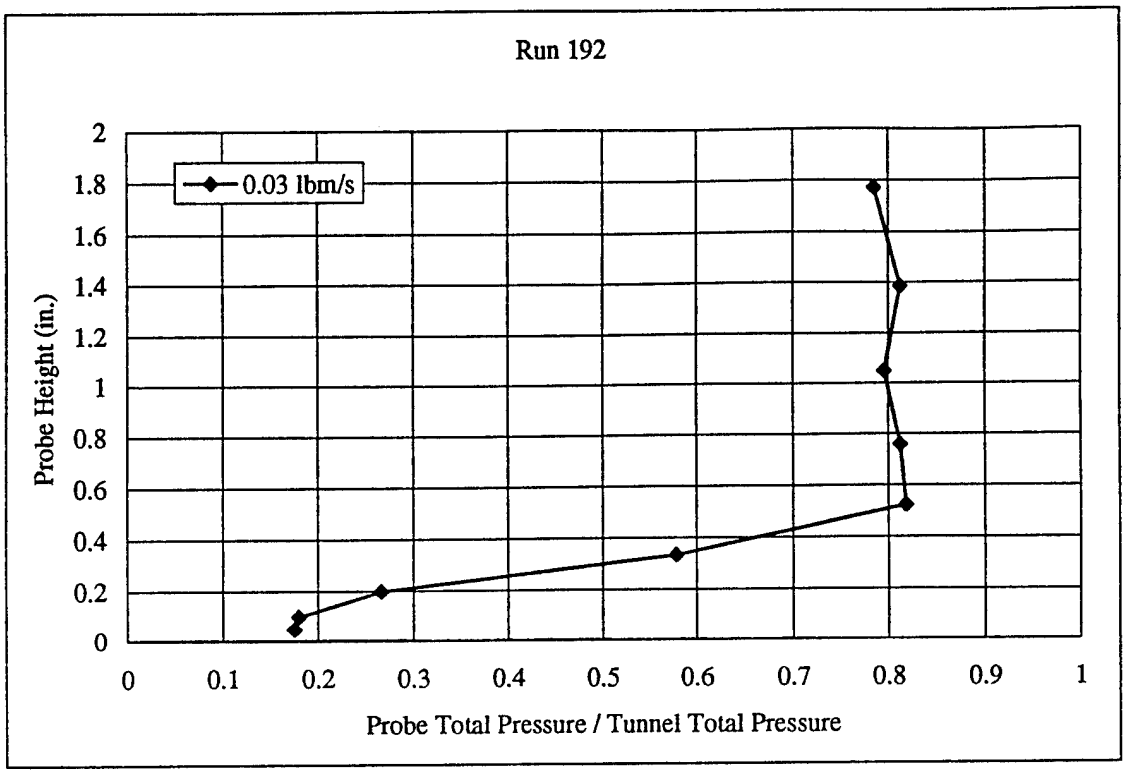

Run 187
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

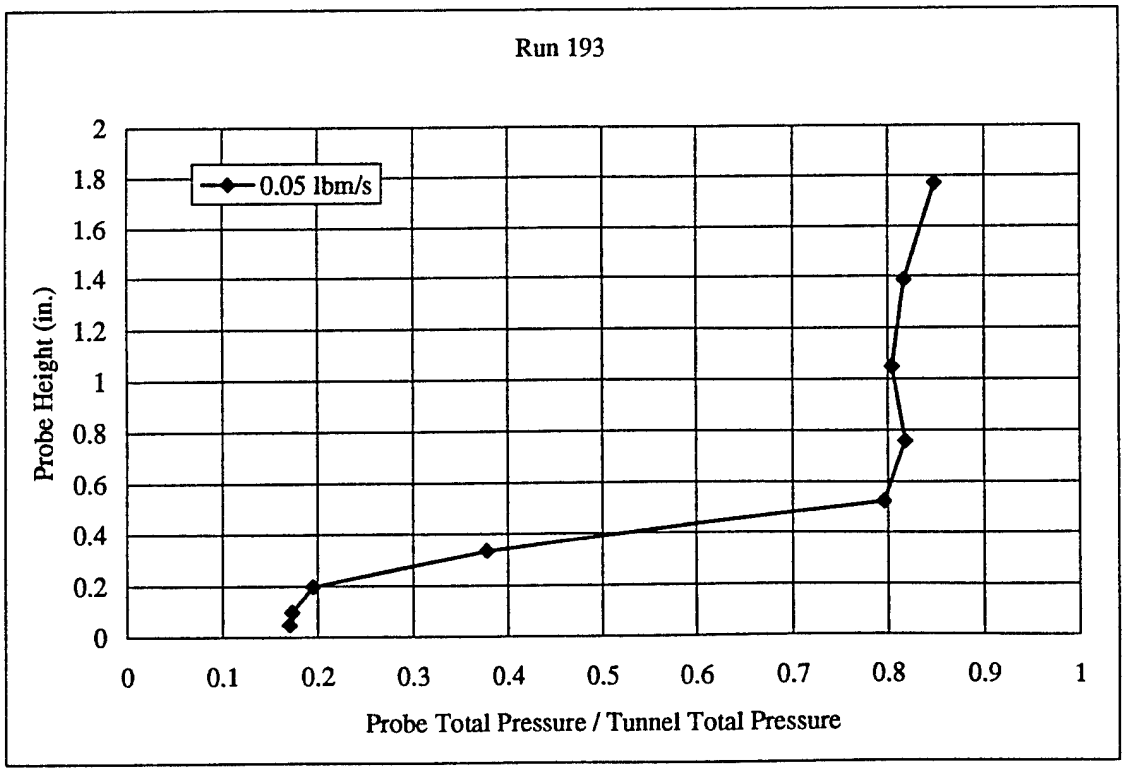

Run 188
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 189
0.075 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 190
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 191
no mass injection
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 192
0.03 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure


Run 193
0.05 lbm/s
Probe Height (in.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Probe Total Pressure / Tunnel Total Pressure

APPENDIX B

Subsonic Data

PAN Number	Injection Pattern	Mass Injection Rate (lbm/s)	Flow Mach Number	Peak Amplitude (dBV)	Peak Frequency (Hz)	Location
12	solid plug	0.00	0.80	-4.4	1120	back
13	solid plug	0.00	0.70	-10.3	1680	front
14	solid plug	0.00	0.50	-16.0	1320	front
15	solid plug	0.00	0.80	-5.5	1120	back
17	solid plug	0.00	0.50	-13.9	1320	front
18	solid plug	0.00	0.70	-10.7	1680	front
19	solid plug	0.00	0.70	-10.1	1680	front
20	solid plug	0.00	0.70	-10.3	1680	front
21	solid plug	0.00	0.70	-4.5	1080	back
23	solid plug	0.00	0.70	-11.0	1640	front
25	solid plug	0.00	0.69	-10.3	1640	front
26	solid plug	0.00	0.72	-3.6	1080	back
32	plate 2	0.05	0.80	-0.7	1040	back
38	plate 2	0.10	0.50	-29.6	1280	back
39	plate 2	0.15	0.50	-28.9	1280	back
40	plate 2	0.05	0.70	-17.5	1000	back
41	plate 2	0.10	0.70	-25.9	1080	back
42	plate 2	0.15	0.70	-26.2	1120	back
43	plate 2	0.05	0.80	-1.1	1000	back
44	plate 2	0.10	0.80	-5.0	1000	back
45	plate 2	0.15	0.80	-19.6	960	back
46	plate 2	0.20	0.80	-23.0	1000	back
57	plate 4	0.05	0.80	-4.1	1000	back
58	plate 4	0.10	0.80	-22.6	1000	back
59	plate 4	0.15	0.80	-24.0	920	back
60	plate 4	0.05	0.70	-25.5	1000	back
61	plate 4	0.10	0.70	-27.3	1040	back
62	plate 4	0.15	0.70	-24.3	1120	back
63	plate 4	0.05	0.50	-29.4	1320	back
65	plate 4	0.15	0.50	-27.7	1280	back
66	plate 4	0.10	0.50	-28.9	1320	back
67	plate 9	0.05	0.80	-17.1	1000	back
68	plate 9	0.10	0.80	-8.6	960	back
69	plate 9	0.15	0.80	-9.6	1000	back
70	plate 9	0.20	0.80	-15.1	1080	back
71	plate 9	0.05	0.80	-15.6	1000	back
72	plate 9	0.10	0.80	-7.6	960	back
73	plate 9	0.15	0.80	-6.6	960	back
74	plate 9	0.05	0.70	-24.6	1120	back
75	plate 9	0.10	0.70	-22.3	960	back
76	plate 9	0.15	0.70	-22.3	960	back
77	plate 9	0.05	0.50	-30.4	560	back
78	plate 9	0.10	0.50	-24.5	270	back
79	plate 9	0.15	0.50	-28.7	1280	back

Notes:

Location refers to the dynamic pressure transducer location at which the Peak Amplitude and Peak Frequency were measured. The dynamic transducer located near the leading edge is the front location and the dynamic transducer located near the trailing edge is the back location.

PAN Number	Injection Pattern	Mass Injection Rate (lbm/s)	Flow Mach Number	Probe	Probe Position Front or Back	Probe Horizontal Postion (in.)	Probe Vertical Starting Offset (in.)
236	plate 4	0.05	0.5	crank	front	1.0	0.125
237	plate 4	0.10	0.5	crank	front	1.0	0.125
238	plate 4	0.15	0.5	crank	front	1.0	0.125
239	plate 4	0.05	0.7	crank	front	1.0	0.125
240	plate 4	0.10	0.7	crank	front	1.0	0.125
241	plate 4	0.15	0.7	crank	front	1.0	0.125
242	plate 4	0.05	0.5	crank	front	0.5	0.047
243	plate 4	0.10	0.5	crank	front	0.5	0.047
244	plate 4	0.15	0.5	crank	front	0.5	0.047
245	plate 4	0.05	0.7	crank	front	0.5	0.047
246	plate 4	0.10	0.7	crank	front	0.5	0.047
247	plate 4	0.15	0.7	crank	front	0.5	0.047
248	plate 4	0.05	0.7	crank	front	0.0	0.047
249	plate 4	0.10	0.7	crank	front	0.0	0.047
250	plate 4	0.15	0.7	crank	front	0.0	0.047
251	plate 4	0.05	0.5	crank	front	0.0	0.047
252	plate 4	0.10	0.5	crank	front	0.0	0.047
253	plate 4	0.15	0.5	crank	front	0.0	0.047
254	plate 4	0.05	0.5	crank	back	1.0	0.125
255	plate 4	0.10	0.5	crank	back	1.0	0.125
256	plate 4	0.15	0.5	crank	back	1.0	0.125
257	plate 4	0.05	0.7	crank	back	1.0	0.125
258	plate 4	0.10	0.7	crank	back	1.0	0.125
259	plate 4	0.15	0.7	crank	back	1.0	0.125
260	plate 4	0.05	0.5	crank	back	0.5	0.125
261	plate 4	0.10	0.5	crank	back	0.5	0.125
262	plate 4	0.15	0.5	crank	back	0.5	0.125
263	plate 4	0.05	0.7	crank	back	0.5	0.125
264	plate 4	0.10	0.7	crank	back	0.5	0.125
265	plate 4	0.15	0.7	crank	back	0.5	0.125
266	plate 4	0.05	0.5	crank	back	0.0	0.125
267	plate 4	0.10	0.5	crank	back	0.0	0.125
268	plate 4	0.15	0.5	crank	back	0.0	0.125
269	plate 4	0.05	0.7	crank	back	0.0	0.125
270	plate 4	0.10	0.7	crank	back	0.0	0.125
271	plate 4	0.15	0.7	crank	back	0.0	0.125
272	plate 4	0.00	0.5	crank	front	1.0	0.125
273	plate 4	0.00	0.7	crank	front	1.0	0.125
274	plate 4	0.00	0.5	crank	front	0.5	0.125
275	plate 4	0.00	0.7	crank	front	0.5	0.125
276	plate 4	0.00	0.5	crank	front	0.0	0.047
277	plate 4	0.00	0.7	crank	front	0.0	0.047
278	plate 4	0.00	0.5	crank	back	1.0	0.125
279	plate 4	0.00	0.7	crank	back	1.0	0.125
280	plate 4	0.00	0.5	crank	back	0.5	0.125

PAN Number	Injection Pattern	Mass Injection Rate (lbm/s)	Flow Mach Number	Probe	Probe Position Front or Back	Probe Horizontal Postion (in.)	Probe Vertical Starting Offset (in.)
281	plate 4	0.00	0.7	crank	back	0.5	0.125
282	plate 4	0.00	0.5	crank	back	0.0	0.125
283	plate 4	0.00	0.7	crank	back	0.0	0.125

PAN12 07/18/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
22.278	14.565	14.505	14.345	14.523	13.747	0.805	0.211
22.258	14.535	14.471	14.440	14.840	13.648	0.807	0.539
22.256	14.509	14.429	14.264	15.093	13.552	0.809	0.930
22.208	14.445	14.374	14.211	14.668	13.479	0.811	1.309
22.168	14.421	14.333	14.259	14.811	13.406	0.811	1.641
22.122	14.363	14.373	14.142	14.454	13.390	0.810	2.031
22.083	14.366	14.298	14.219	14.781	13.247	0.811	2.410
22.057	14.295	14.285	14.110	14.550	13.169	0.812	2.738
22.002	14.325	14.261	14.184	14.605	13.123	0.810	3.129
21.982	14.335	14.229	14.104	14.561	13.051	0.810	3.461
21.945	14.321	14.223	14.055	14.172	12.954	0.809	3.840
21.908	14.290	14.200	14.075	14.529	12.879	0.809	4.219
21.862	14.265	14.153	14.014	14.479	12.798	0.809	4.609
21.809	14.245	14.136	14.014	14.372	12.694	0.808	4.938
21.772	14.223	14.100	13.954	14.045	12.612	0.809	5.320
21.739	14.190	14.084	13.911	14.033	12.523	0.809	5.711
21.687	14.110	14.085	14.003	13.918	12.432	0.809	6.090
21.656	14.105	14.025	13.874	14.025	12.292	0.810	6.480
21.619	14.104	13.977	13.831	14.112	12.181	0.810	6.859
21.582	14.068	13.954	13.874	14.120	12.079	0.810	7.250
21.545	14.043	13.943	13.792	13.948	11.978	0.810	7.629
21.488	13.934	14.010	13.823	13.590	11.892	0.809	7.961
21.446	13.903	13.913	13.753	13.837	11.819	0.812	8.340
21.438	13.909	13.880	13.709	13.885	11.722	0.812	8.730
21.381	13.912	13.848	13.666	13.886	11.653	0.810	9.109
21.328	13.882	13.822	13.668	14.153	11.568	0.810	9.500
21.315	13.874	13.825	13.704	13.653	11.461	0.810	9.879
21.252	13.840	13.762	13.597	13.935	11.120	0.810	10.270
21.206	13.742	13.776	13.602	13.689	10.839	0.811	10.648

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static ^P(x) P11 Psia	Mach no	Time (sec)
17.720	12.578	12.549	12.548	12.474	12.243	0.718	0.281
17.677	12.620	12.565	12.544	12.767	12.224	0.713	0.660
17.655	12.617	12.638	12.562	12.927	12.211	0.709	0.992
17.644	12.652	12.607	12.520	12.757	12.202	0.708	1.379
17.637	12.644	12.611	12.512	12.880	12.194	0.708	1.762
17.611	12.626	12.592	12.550	12.720	12.192	0.708	2.141
17.591	12.643	12.631	12.613	12.808	12.161	0.704	2.531
17.594	12.646	12.659	12.554	12.876	12.140	0.703	2.910
17.567	12.664	12.640	12.585	12.669	12.151	0.701	3.301
17.580	12.600	12.563	12.552	13.058	12.139	0.708	3.680
17.556	12.672	12.600	12.584	12.790	12.120	0.702	4.070
17.517	12.637	12.667	12.577	12.462	12.112	0.698	4.402
17.524	12.636	12.574	12.557	12.818	12.096	0.703	4.781
17.513	12.620	12.597	12.567	12.942	12.075	0.701	5.172
17.508	12.672	12.654	12.597	12.674	12.067	0.696	5.551
17.471	12.650	12.607	12.530	12.765	12.047	0.697	5.930
17.469	12.663	12.616	12.556	12.733	12.059	0.696	6.320
17.458	12.658	12.650	12.621	12.504	12.024	0.694	6.699
17.434	12.707	12.634	12.558	12.912	12.009	0.691	7.031
17.440	12.672	12.614	12.582	12.730	11.986	0.694	7.422
17.403	12.634	12.631	12.568	12.766	11.979	0.692	7.801
17.427	12.679	12.655	12.620	12.908	11.987	0.691	8.191
17.421	12.697	12.673	12.601	12.615	11.982	0.689	8.570
17.379	12.632	12.665	12.600	13.178	11.978	0.689	8.961
17.373	12.723	12.688	12.615	12.828	11.964	0.684	9.340
17.335	12.664	12.613	12.564	12.714	11.949	0.687	9.719
17.349	12.700	12.654	12.537	12.750	11.952	0.685	10.051
17.353	12.654	12.590	12.520	12.726	11.846	0.690	10.441
17.316	12.679	12.646	12.570	12.657	11.896	0.684	10.820

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
15.498	13.305	13.317	13.238	13.171	13.190	0.471	0.270
15.496	13.264	13.298	13.269	13.194	13.189	0.475	0.660
15.487	13.309	13.318	13.279	13.239	13.197	0.470	0.988
15.505	13.317	13.330	13.255	13.276	13.193	0.470	1.371
15.509	13.315	13.305	13.286	13.238	13.186	0.473	1.758
15.520	13.302	13.281	13.250	13.289	13.179	0.476	2.141
15.599	13.291	13.291	13.243	13.247	13.145	0.484	2.520
15.680	13.259	13.245	13.193	13.175	13.094	0.496	2.910
15.724	13.210	13.210	13.189	13.262	13.071	0.505	3.289
15.732	13.239	13.220	13.162	13.181	13.034	0.504	3.680
15.780	13.200	13.195	13.179	12.989	13.000	0.512	4.059
15.772	13.185	13.173	13.168	13.189	12.990	0.513	4.391
15.780	13.200	13.165	13.115	13.217	12.959	0.513	4.781
15.791	13.160	13.156	13.112	13.161	12.949	0.517	5.160
15.794	13.187	13.209	13.177	13.254	12.945	0.513	5.551
15.765	13.175	13.168	13.110	13.186	12.939	0.513	5.930
15.772	13.139	13.143	13.120	13.170	12.929	0.517	6.309
15.802	13.170	13.132	13.092	13.044	12.917	0.519	6.699
15.800	13.170	13.158	13.137	13.161	12.919	0.517	7.078
15.807	13.159	13.138	13.085	13.016	12.904	0.520	7.469
15.785	13.176	13.178	13.132	13.247	12.895	0.515	7.848
15.778	13.175	13.160	13.136	13.101	12.895	0.515	8.180
15.772	13.159	13.161	13.128	13.271	12.890	0.515	8.570
15.767	13.137	13.153	13.122	13.219	12.899	0.516	8.949
15.774	13.171	13.158	13.156	13.336	12.908	0.515	9.340
15.791	13.213	13.183	13.132	13.251	12.902	0.513	9.719
15.796	13.226	13.213	13.167	13.206	12.906	0.511	10.098
15.780	13.164	13.160	13.119	13.236	12.861	0.516	10.488
15.750	13.156	13.152	13.159	13.223	12.888	0.514	10.871

PAN15 07/20/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
20.359	13.305	13.405	13.029	13.260	12.424	0.800	0.270
20.386	13.306	13.398	13.046	13.410	12.398	0.802	0.660
20.405	13.335	13.403	12.957	12.923	12.371	0.801	1.043
20.386	13.323	13.405	13.049	13.113	12.340	0.801	1.430
20.407	13.316	13.410	13.066	13.158	12.295	0.802	1.813
20.361	13.308	13.378	13.003	12.860	12.290	0.801	2.191
20.348	13.308	13.393	13.016	13.678	12.198	0.800	2.582
20.311	13.278	13.389	13.040	13.422	12.140	0.799	2.910
20.512	13.367	13.485	13.193	12.957	12.174	0.802	3.293
21.059	13.631	13.798	13.523	15.011	12.317	0.807	3.680
21.427	13.836	13.991	13.778	13.695	12.437	0.810	4.063
21.554	13.904	14.042	13.858	14.416	12.508	0.812	4.449
21.604	13.947	14.081	13.865	13.879	12.543	0.811	4.832
21.619	13.926	14.068	13.827	14.158	12.500	0.813	5.223
21.606	13.950	14.058	13.804	14.237	12.462	0.812	5.602
21.560	13.934	14.036	13.887	14.126	12.383	0.811	5.980
21.569	13.948	14.042	13.784	14.294	12.324	0.811	6.371
21.536	13.920	14.029	13.845	13.554	12.207	0.811	6.750
21.503	13.881	14.014	13.780	13.940	12.100	0.811	7.141
21.446	13.876	13.985	13.760	14.565	12.002	0.810	7.520
21.427	13.854	13.972	13.723	14.400	11.907	0.810	7.910
21.366	13.838	13.950	13.707	14.079	11.820	0.809	8.293
21.335	13.813	13.931	13.643	14.146	11.750	0.809	8.680
21.263	13.787	13.910	13.683	13.770	11.642	0.807	9.063
21.267	13.780	13.886	13.613	13.370	11.588	0.809	9.449
21.221	13.755	13.875	13.600	13.788	11.505	0.808	9.832
21.158	13.756	13.840	13.585	13.570	11.407	0.806	10.211
21.140	13.732	13.823	13.546	13.326	11.077	0.807	10.602
21.107	13.697	13.817	13.552	13.526	10.799	0.807	10.980

PAN17 07/20/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
15.715	13.259	13.277	13.217	13.313	13.096	0.498	0.223
15.713	13.251	13.238	13.195	13.282	13.088	0.500	0.613
15.726	13.283	13.298	13.187	13.276	13.076	0.496	0.992
15.694	13.241	13.270	13.177	13.296	13.072	0.497	1.383
15.713	13.256	13.269	13.158	13.103	13.080	0.498	1.762
15.678	13.255	13.275	13.196	13.191	13.074	0.495	2.152
15.713	13.293	13.293	13.187	13.261	13.069	0.495	2.531
15.676	13.261	13.260	13.167	13.228	13.060	0.495	2.910
15.691	13.247	13.260	13.222	13.173	13.073	0.497	3.301
15.674	13.253	13.263	13.202	13.220	13.066	0.495	3.684
15.678	13.296	13.324	13.234	13.243	13.056	0.489	4.070
15.663	13.253	13.262	13.210	13.173	13.051	0.494	4.453
15.683	13.272	13.266	13.169	13.192	13.050	0.495	4.844
15.705	13.263	13.277	13.171	13.225	13.036	0.496	5.223
15.687	13.272	13.289	13.228	13.216	13.036	0.494	5.613
15.718	13.262	13.262	13.187	13.286	13.013	0.499	5.992
15.744	13.278	13.285	13.152	13.306	13.014	0.499	6.320
15.737	13.253	13.268	13.203	13.213	12.986	0.501	6.703
15.746	13.256	13.274	13.159	13.341	12.978	0.501	7.094
15.744	13.212	13.214	13.164	13.272	12.910	0.507	7.473
15.766	13.240	13.249	13.158	13.200	12.955	0.505	7.863
15.766	13.212	13.213	13.121	13.291	12.945	0.509	8.242
15.853	13.212	13.198	13.101	13.236	12.908	0.518	8.633
15.875	13.194	13.200	13.138	13.193	12.874	0.521	9.012
15.895	13.186	13.183	13.055	13.151	12.857	0.524	9.402
15.921	13.176	13.187	13.093	13.107	12.845	0.526	9.781
15.873	13.181	13.204	13.084	13.195	12.838	0.521	10.160
15.906	13.209	13.211	13.037	13.144	12.806	0.522	10.551
15.886	13.201	13.217	13.139	13.149	12.822	0.520	10.934

PAN18 07/20/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.612	12.703	12.704	12.554	12.319	12.257	0.699	0.270
17.581	12.687	12.708	12.471	12.793	12.230	0.698	0.660
17.568	12.707	12.739	12.479	12.542	12.202	0.695	0.992
17.612	12.755	12.796	12.573	12.734	12.198	0.693	1.371
17.575	12.696	12.714	12.502	12.881	12.177	0.697	1.750
17.560	12.684	12.717	12.469	12.714	12.187	0.696	2.141
17.557	12.709	12.751	12.566	12.626	12.143	0.694	2.520
17.566	12.698	12.712	12.526	12.984	12.115	0.696	2.910
17.540	12.722	12.747	12.503	12.507	12.128	0.692	3.289
17.536	12.740	12.780	12.652	12.879	12.123	0.690	3.680
17.507	12.742	12.776	12.574	12.883	12.103	0.688	4.063
17.518	12.717	12.742	12.479	12.564	12.080	0.691	4.449
17.448	12.699	12.708	12.472	12.984	12.078	0.689	4.832
17.468	12.729	12.785	12.540	12.572	12.057	0.685	5.223
17.481	12.759	12.719	12.515	12.888	12.042	0.688	5.602
17.472	12.733	12.731	12.529	12.951	12.020	0.688	5.980
17.435	12.708	12.710	12.544	12.523	12.020	0.688	6.371
17.439	12.739	12.752	12.542	12.625	12.023	0.685	6.750
17.422	12.712	12.739	12.548	12.842	11.982	0.685	7.082
17.415	12.745	12.768	12.547	12.686	11.932	0.682	7.473
17.468	12.748	12.799	12.601	12.728	11.959	0.684	7.852
17.507	12.737	12.733	12.545	12.629	11.923	0.690	8.242
17.546	12.714	12.723	12.511	12.837	11.886	0.694	8.621
17.606	12.740	12.755	12.503	12.612	11.844	0.695	9.012
17.636	12.708	12.711	12.490	12.521	11.823	0.700	9.391
17.621	12.729	12.756	12.541	12.755	11.789	0.697	9.770
17.616	12.694	12.740	12.588	12.648	11.764	0.699	10.160
17.643	12.726	12.751	12.487	12.307	11.654	0.698	10.539
17.645	12.705	12.731	12.499	12.653	11.686	0.700	10.930

PAN19 07/21/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.661	12.718	12.755	12.546	12.716	12.231	0.700	0.273
17.659	12.719	12.761	12.549	12.485	12.216	0.699	0.602
17.622	12.734	12.772	12.531	12.721	12.201	0.696	0.980
17.624	12.684	12.755	12.495	13.045	12.173	0.699	1.371
17.622	12.753	12.795	12.498	12.760	12.172	0.694	1.750
17.605	12.731	12.775	12.519	12.691	12.182	0.695	2.141
17.572	12.745	12.761	12.509	12.633	12.147	0.692	2.523
17.576	12.749	12.753	12.518	12.707	12.130	0.693	2.910
17.543	12.687	12.708	12.483	12.722	12.117	0.696	3.293
17.535	12.735	12.735	12.550	12.589	12.114	0.692	3.684
17.546	12.730	12.767	12.536	12.715	12.089	0.691	4.063
17.535	12.754	12.768	12.530	12.737	12.071	0.689	4.441
17.504	12.767	12.774	12.589	12.546	12.067	0.687	4.832
17.513	12.753	12.745	12.529	12.837	12.049	0.689	5.211
17.486	12.722	12.753	12.534	12.524	12.026	0.688	5.602
17.508	12.722	12.724	12.520	12.696	11.999	0.691	5.934
17.528	12.696	12.699	12.504	12.815	11.992	0.695	6.313
17.513	12.747	12.756	12.539	12.793	11.966	0.689	6.703
17.506	12.714	12.740	12.576	12.553	11.939	0.691	7.082
17.515	12.706	12.756	12.575	12.570	11.910	0.691	7.473
17.530	12.747	12.793	12.548	12.755	11.903	0.688	7.852
17.607	12.739	12.742	12.510	12.833	11.868	0.696	8.230
17.710	12.695	12.734	12.565	12.479	11.839	0.705	8.621
17.736	12.691	12.697	12.434	12.595	11.766	0.708	9.000
17.760	12.731	12.744	12.519	12.665	11.754	0.706	9.391
17.799	12.739	12.741	12.510	12.856	11.717	0.708	9.773
17.810	12.737	12.733	12.440	12.775	11.686	0.709	10.160
17.782	12.737	12.755	12.548	12.732	11.579	0.706	10.543
17.801	12.706	12.715	12.448	13.030	11.605	0.711	10.934

PAN20 07/21/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.415	12.717	12.705	12.555	12.647	12.317	0.686	0.281
17.415	12.750	12.755	12.548	12.636	12.297	0.682	0.660
17.411	12.743	12.760	12.562	13.024	12.284	0.682	1.051
17.380	12.801	12.840	12.568	12.552	12.258	0.674	1.430
17.378	12.727	12.774	12.601	12.865	12.237	0.680	1.762
17.405	12.743	12.755	12.542	12.773	12.256	0.682	2.152
17.411	12.759	12.761	12.473	12.705	12.204	0.681	2.531
17.431	12.757	12.775	12.539	12.843	12.168	0.682	2.910
17.468	12.732	12.719	12.514	12.907	12.146	0.688	3.301
17.479	12.726	12.717	12.485	12.795	12.144	0.689	3.680
17.472	12.712	12.734	12.540	13.201	12.111	0.689	4.070
17.496	12.749	12.771	12.550	12.661	12.103	0.687	4.453
17.490	12.731	12.767	12.571	12.879	12.084	0.687	4.840
17.505	12.733	12.771	12.558	12.534	12.048	0.688	5.223
17.527	12.722	12.724	12.486	12.535	12.026	0.692	5.609
17.529	12.737	12.755	12.534	12.842	11.992	0.690	5.992
17.551	12.761	12.750	12.478	12.324	11.976	0.691	6.371
17.531	12.750	12.793	12.602	12.501	11.960	0.688	6.762
17.527	12.722	12.767	12.629	12.878	11.947	0.690	7.090
17.536	12.680	12.707	12.458	12.774	11.927	0.695	7.473
17.566	12.753	12.778	12.530	12.546	11.899	0.691	7.859
17.527	12.720	12.739	12.491	12.937	11.873	0.692	8.242
17.531	12.748	12.747	12.512	12.716	11.870	0.690	8.633
17.558	12.749	12.771	12.503	12.793	11.835	0.691	9.012
17.558	12.770	12.792	12.574	12.625	11.843	0.689	9.402
17.558	12.704	12.751	12.559	12.784	11.817	0.694	9.781
17.547	12.702	12.732	12.435	12.775	11.810	0.694	10.160
17.534	12.712	12.724	12.491	12.638	11.694	0.693	10.551
17.555	12.743	12.763	12.509	12.952	11.729	0.691	10.930

PAN21 07/25/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.887	12.715	12.720	12.463	13.044	12.196	0.715	0.223
18.195	12.745	12.798	12.485	12.657	12.138	0.729	0.602
18.525	12.743	12.771	12.538	12.954	12.054	0.750	0.992
18.707	12.764	12.821	12.603	13.092	11.997	0.757	1.371
18.840	12.788	12.817	12.509	13.062	11.966	0.764	1.703
18.840	12.806	12.849	12.530	13.077	11.983	0.762	2.094
18.832	12.786	12.840	12.699	12.783	11.899	0.763	2.473
18.803	12.832	12.880	12.665	13.641	11.861	0.757	2.863
18.779	12.773	12.828	12.528	13.323	11.849	0.761	3.242
18.746	12.786	12.827	12.613	13.197	11.818	0.758	3.633
18.676	12.809	12.825	12.491	13.294	11.798	0.754	3.953
18.654	12.786	12.822	12.488	12.720	11.774	0.753	4.344
18.619	12.771	12.842	12.578	12.984	11.750	0.751	4.723
18.554	12.779	12.845	12.703	12.613	11.704	0.747	5.113
18.501	12.717	12.778	12.592	12.879	11.678	0.749	5.492
18.374	12.733	12.771	12.639	12.879	11.656	0.742	5.883
18.272	12.721	12.738	12.424	13.032	11.661	0.737	6.211
18.129	12.702	12.732	12.443	13.027	11.649	0.730	6.594
17.998	12.711	12.714	12.436	13.030	11.674	0.723	6.980
17.950	12.750	12.771	12.496	12.577	11.685	0.716	7.363
17.887	12.700	12.725	12.647	13.111	11.696	0.716	7.742
17.828	12.695	12.745	12.500	13.072	11.691	0.711	8.133
17.830	12.705	12.759	12.590	12.610	11.707	0.711	8.461
17.782	12.700	12.715	12.409	12.770	11.690	0.710	8.844
17.753	12.715	12.711	12.408	12.770	11.684	0.707	9.230
17.705	12.680	12.723	12.494	12.749	11.690	0.705	9.613
17.727	12.700	12.712	12.513	13.014	11.703	0.706	10.000
17.696	12.710	12.746	12.476	12.778	11.586	0.703	10.383
17.661	12.735	12.805	12.530	12.617	11.650	0.697	10.711

PAN23 07/25/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.465	12.711	12.752	12.487	12.836	12.271	0.687	0.270
17.467	12.722	12.740	12.517	12.773	12.253	0.688	0.598
17.436	12.701	12.729	12.452	12.557	12.227	0.687	0.988
17.401	12.709	12.714	12.490	12.582	12.210	0.685	1.367
17.384	12.748	12.770	12.498	13.037	12.205	0.680	1.750
17.371	12.728	12.736	12.492	12.801	12.224	0.681	2.137
17.344	12.699	12.726	12.489	12.377	12.180	0.681	2.520
17.281	12.724	12.758	12.533	12.828	12.166	0.674	2.848
17.248	12.695	12.730	12.552	12.778	12.186	0.675	3.238
17.296	12.710	12.717	12.535	12.459	12.165	0.678	3.617
17.320	12.730	12.744	12.560	12.730	12.143	0.677	4.008
17.307	12.729	12.768	12.550	12.718	12.133	0.676	4.387
17.351	12.735	12.742	12.560	12.498	12.108	0.679	4.719
17.320	12.724	12.737	12.511	12.803	12.075	0.678	5.109
17.338	12.713	12.768	12.502	12.657	12.072	0.678	5.488
17.366	12.709	12.752	12.528	12.757	12.033	0.681	5.867
17.382	12.734	12.723	12.466	12.580	12.025	0.682	6.258
17.419	12.721	12.753	12.489	12.742	11.988	0.684	6.637
17.434	12.710	12.727	12.533	12.737	11.960	0.687	6.969
17.452	12.702	12.720	12.518	12.571	11.931	0.688	7.359
17.495	12.711	12.726	12.496	12.787	11.904	0.691	7.738
17.509	12.684	12.716	12.523	12.512	11.872	0.693	8.129
17.517	12.705	12.714	12.534	12.509	11.856	0.693	8.508
17.563	12.678	12.715	12.461	12.743	11.823	0.697	8.898
17.544	12.703	12.745	12.451	12.672	11.802	0.693	9.219
17.576	12.699	12.733	12.484	12.658	11.778	0.696	9.609
17.609	12.682	12.681	12.465	12.701	11.746	0.701	9.988
17.614	12.689	12.733	12.462	12.830	11.644	0.699	10.379
17.638	12.726	12.764	12.473	12.619	11.655	0.697	10.758

PAN25 07/26/94

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.561	12.709	12.709	12.470	12.848	12.252	0.696	0.223
17.547	12.700	12.720	12.511	12.985	12.221	0.695	0.602
17.545	12.718	12.716	12.501	12.435	12.201	0.694	0.992
17.543	12.750	12.776	12.515	12.700	12.189	0.690	1.371
17.521	12.677	12.706	12.548	12.566	12.179	0.695	1.762
17.495	12.741	12.780	12.585	12.532	12.190	0.687	2.141
17.497	12.702	12.701	12.502	12.686	12.155	0.692	2.531
17.510	12.739	12.767	12.507	12.604	12.127	0.688	2.910
17.517	12.733	12.771	12.475	12.818	12.134	0.689	3.301
17.515	12.711	12.757	12.544	12.895	12.109	0.690	3.621
17.512	12.675	12.706	12.507	12.942	12.070	0.694	4.012
17.541	12.708	12.713	12.415	12.893	12.031	0.694	4.391
17.541	12.691	12.701	12.510	12.747	12.031	0.696	4.781
17.541	12.672	12.707	12.494	12.644	12.002	0.696	5.160
17.550	12.735	12.784	12.559	12.479	11.996	0.690	5.551
17.565	12.724	12.755	12.472	12.650	11.971	0.693	5.930
17.539	12.723	12.733	12.491	12.639	11.970	0.693	6.320
17.526	12.719	12.730	12.482	12.681	11.936	0.692	6.699
17.499	12.735	12.741	12.502	12.852	11.920	0.689	7.031
17.495	12.774	12.795	12.521	12.570	11.906	0.685	7.410
17.497	12.756	12.746	12.488	12.669	11.902	0.688	7.801
17.508	12.734	12.764	12.459	12.497	11.901	0.689	8.180
17.488	12.762	12.785	12.519	12.810	11.904	0.685	8.570
17.460	12.705	12.728	12.522	12.631	11.858	0.688	8.949
17.456	12.698	12.710	12.476	12.723	11.858	0.689	9.340
17.464	12.690	12.700	12.452	12.589	11.848	0.691	9.723
17.427	12.738	12.791	12.564	12.829	11.832	0.682	10.109
17.453	12.753	12.782	12.612	12.696	11.743	0.683	10.441
17.460	12.703	12.723	12.537	12.911	11.780	0.689	10.820

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Mach no	Time (sec)
17.919	12.714	12.745	12.474	12.646	12.137	0.716	0.223
17.925	12.675	12.693	12.540	13.251	12.097	0.721	0.613
17.906	12.748	12.725	12.423	12.907	12.079	0.715	0.992
17.934	12.670	12.708	12.550	12.923	12.041	0.721	1.383
17.910	12.684	12.725	12.457	13.070	12.033	0.718	1.762
17.919	12.665	12.694	12.547	12.910	12.044	0.721	2.152
17.904	12.689	12.714	12.496	12.871	11.999	0.718	2.531
17.910	12.683	12.714	12.477	12.660	11.958	0.718	2.910
17.921	12.726	12.725	12.531	13.097	11.963	0.717	3.242
17.956	12.680	12.704	12.495	13.030	11.930	0.722	3.633
17.976	12.668	12.665	12.600	12.804	11.898	0.725	4.012
18.002	12.666	12.705	12.531	12.607	11.885	0.725	4.402
18.004	12.678	12.707	12.621	12.688	11.846	0.725	4.781
18.090	12.678	12.723	12.464	12.819	11.810	0.729	5.172
18.096	12.695	12.709	12.443	12.585	11.767	0.729	5.551
18.068	12.663	12.686	12.514	12.477	11.715	0.730	5.941
18.074	12.694	12.728	12.619	12.998	11.698	0.727	6.273
18.079	12.690	12.725	12.478	12.749	11.676	0.728	6.652
18.076	12.672	12.710	12.462	13.466	11.639	0.729	7.031
18.022	12.678	12.724	12.431	12.555	11.615	0.725	7.422
18.041	12.670	12.688	12.525	12.766	11.611	0.728	7.801
18.013	12.702	12.728	12.468	13.477	11.588	0.723	8.191
18.011	12.654	12.717	12.542	13.070	11.579	0.726	8.570
18.006	12.642	12.700	12.590	13.213	11.560	0.727	8.961
17.980	12.711	12.777	12.483	13.057	11.555	0.719	9.344
18.013	12.693	12.730	12.602	12.843	11.520	0.724	9.730
18.081	12.694	12.729	12.598	13.011	11.489	0.728	10.063
18.085	12.662	12.712	12.647	12.835	11.343	0.730	10.441
18.144	12.696	12.765	12.520	12.879	11.348	0.730	10.820

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.522	13.420	13.517	12.941	13.484	12.526	16.814	-4.002	14.567	21.652	0.048	0.800	0.223
20.493	13.449	13.529	12.961	13.384	12.508	16.811	-4.012	14.562	21.567	0.048	0.797	0.660
20.504	13.450	13.543	13.013	13.579	12.474	16.820	-4.010	14.565	21.581	0.048	0.797	1.102
20.480	13.440	13.518	12.970	13.577	12.418	16.802	-4.008	14.556	21.567	0.048	0.797	1.539
20.417	13.419	13.481	12.893	13.301	12.367	16.820	-4.017	14.504	21.510	0.048	0.796	1.980
20.423	13.415	13.477	12.818	13.539	12.350	16.794	-4.051	14.474	21.496	0.049	0.796	2.422
20.368	13.382	13.439	12.850	13.113	12.250	16.791	-4.044	14.488	21.553	0.049	0.796	2.859
20.333	13.371	13.434	12.897	13.417	12.175	16.805	-4.137	14.490	21.510	0.049	0.795	3.301
20.255	13.342	13.380	12.813	13.454	12.143	16.785	-4.160	14.466	21.567	0.049	0.794	3.742
20.233	13.324	13.382	12.782	13.423	12.074	16.791	-4.199	14.427	21.510	0.050	0.794	4.180
20.185	13.299	13.339	12.779	13.089	12.002	16.782	-4.206	14.383	21.510	0.050	0.794	4.621
20.104	13.264	13.316	12.752	12.957	11.930	16.770	-4.238	14.397	21.524	0.050	0.792	5.063
20.099	13.246	13.307	12.779	13.144	11.874	16.776	-4.254	14.375	21.553	0.050	0.793	5.500
19.999	13.229	13.281	12.729	13.588	11.796	16.759	-4.300	14.356	21.524	0.050	0.790	5.941
19.979	13.211	13.277	12.728	12.956	11.727	16.770	-4.307	14.334	21.510	0.050	0.789	6.383
19.968	13.191	13.237	12.659	13.413	11.647	16.759	-4.323	14.345	21.496	0.050	0.791	6.762
19.955	13.181	13.233	12.653	13.291	11.600	16.776	-4.304	14.303	21.524	0.050	0.791	7.199
19.966	13.191	13.247	12.624	13.215	11.516	16.762	-4.314	14.320	21.524	0.050	0.791	7.641
19.948	13.187	13.285	12.664	13.311	11.443	16.788	-4.335	14.334	21.595	0.051	0.788	8.082
19.979	13.188	13.249	12.679	13.374	11.374	16.773	-4.334	14.320	21.524	0.051	0.791	8.520
19.975	13.196	13.255	12.633	13.705	11.329	16.788	-4.333	14.350	21.538	0.051	0.791	8.961
20.016	13.206	13.271	12.689	12.977	11.264	16.808	-4.327	14.353	21.581	0.051	0.792	9.402
19.988	13.195	13.259	12.693	13.411	11.221	16.800	-4.327	14.364	21.553	0.051	0.791	9.840
19.973	13.193	13.255	12.665	13.250	11.163	16.779	-4.352	14.342	21.510	0.051	0.791	10.281
19.986	13.199	13.260	12.658	13.461	11.092	16.800	-4.364	14.323	21.538	0.051	0.791	10.723
19.913	13.182	13.226	12.676	13.384	11.043	16.797	-4.343	14.325	21.567	0.051	0.789	11.152
19.916	13.172	13.235	12.671	13.249	10.964	16.779	-4.383	14.284	21.581	0.051	0.789	11.590
19.896	13.159	13.215	12.620	13.124	10.702	16.765	-4.376	14.303	21.567	0.051	0.790	12.031
19.885	13.157	13.217	12.621	12.909	10.561	16.756	-4.338	14.320	21.510	0.051	0.789	12.473

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.228	13.321	13.418	12.455	12.995	12.415	22.008	-10.622	15.861	21.524	0.096	0.792	0.219
20.230	13.324	13.403	12.440	12.897	12.375	21.953	-10.587	15.839	21.538	0.096	0.793	0.660
20.234	13.328	13.416	12.568	13.492	12.331	21.941	-10.581	15.834	21.538	0.096	0.793	1.098
20.193	13.322	13.394	12.501	12.936	12.275	21.927	-10.548	15.817	21.496	0.096	0.792	1.539
20.153	13.293	13.376	12.502	13.131	12.230	21.880	-10.542	15.792	21.510	0.095	0.791	1.980
20.127	13.289	13.374	12.593	12.998	12.219	21.854	-10.529	15.765	21.467	0.095	0.790	2.418
20.085	13.267	13.342	12.581	13.013	12.126	21.880	-10.583	15.751	21.510	0.096	0.790	2.859
20.048	13.249	13.331	12.446	13.172	12.052	21.880	-10.588	15.754	21.510	0.096	0.789	3.297
19.998	13.228	13.312	12.517	13.300	12.023	21.854	-10.600	15.743	21.496	0.096	0.788	3.738
19.935	13.207	13.286	12.518	13.066	11.962	21.851	-10.627	15.691	21.496	0.096	0.787	4.180
19.895	13.184	13.252	12.484	13.142	11.898	21.845	-10.618	15.685	21.553	0.096	0.787	4.609
19.854	13.164	13.239	12.428	12.762	11.844	21.851	-10.693	15.685	21.496	0.096	0.786	5.047
19.797	13.142	13.211	12.414	13.301	11.789	21.933	-10.745	15.666	21.510	0.097	0.785	5.488
19.740	13.123	13.180	12.388	12.901	11.706	21.903	-10.777	15.663	21.510	0.097	0.784	5.930
19.707	13.100	13.167	12.220	12.868	11.653	21.927	-10.803	15.677	21.538	0.097	0.784	6.367
19.663	13.090	13.165	12.432	12.956	11.591	21.941	-10.837	15.638	21.553	0.097	0.782	6.809
19.637	13.075	13.149	12.317	12.955	11.545	21.973	-10.927	15.652	21.524	0.098	0.782	7.250
19.606	13.070	13.131	12.343	12.751	11.479	22.058	-10.995	15.663	21.624	0.098	0.781	7.688
19.552	13.047	13.106	12.229	12.878	11.389	22.061	-11.050	15.655	21.510	0.099	0.780	8.129
19.545	13.044	13.098	11.952	12.762	11.338	22.101	-11.065	15.649	21.510	0.099	0.780	8.570
19.473	13.011	13.089	12.098	12.742	11.307	22.081	-11.047	15.680	21.510	0.099	0.778	9.008
19.462	13.015	13.083	12.297	12.698	11.257	22.049	-11.074	15.619	21.538	0.099	0.778	9.449
19.403	13.000	13.059	12.127	12.622	11.217	22.023	-11.112	15.616	21.510	0.099	0.776	9.891
19.381	12.983	13.048	12.176	12.492	11.165	22.055	-11.119	15.641	21.481	0.099	0.776	10.328
19.370	12.969	13.030	12.197	12.740	11.115	22.072	-11.176	15.636	21.567	0.099	0.777	10.770
19.305	12.966	13.017	12.124	12.991	11.102	22.113	-11.183	15.611	21.481	0.099	0.774	11.207
19.294	12.953	13.008	12.163	12.469	11.050	22.122	-11.212	15.658	21.510	0.100	0.774	11.699
19.261	12.957	12.986	11.788	12.571	10.845	22.139	-11.230	15.616	21.538	0.100	0.773	12.141
19.272	12.941	12.990	12.182	12.370	10.797	22.154	-11.270	15.627	21.510	0.100	0.774	12.578

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.497	13.545	13.638	12.335	12.928	12.541	30.836	-17.588	19.464	21.638	0.150	0.789	0.219
20.479	13.530	13.626	12.307	12.832	12.475	30.786	-17.588	19.455	21.638	0.149	0.789	0.656
20.433	13.500	13.604	12.300	12.820	12.403	30.798	-17.588	19.436	21.624	0.149	0.789	1.098
20.401	13.484	13.585	12.259	12.724	12.340	30.795	-17.588	19.420	21.610	0.149	0.789	1.539
20.318	13.448	13.540	12.255	12.852	12.285	30.804	-17.588	19.417	21.638	0.149	0.787	1.977
20.307	13.434	13.543	12.190	12.751	12.265	30.798	-17.588	19.389	21.681	0.149	0.787	2.418
20.263	13.411	13.494	12.223	12.730	12.164	30.769	-17.588	19.409	21.595	0.149	0.788	2.859
20.208	13.388	13.472	12.138	12.673	12.093	30.766	-17.588	19.417	21.638	0.149	0.787	3.297
20.162	13.372	13.442	12.111	12.908	12.057	30.801	-17.588	19.403	21.638	0.149	0.786	3.738
20.134	13.346	13.457	12.135	12.707	12.000	30.783	-17.588	19.392	21.624	0.149	0.785	4.180
20.097	13.339	13.432	12.157	12.552	11.943	30.766	-17.588	19.381	21.638	0.149	0.785	4.617
20.086	13.326	13.451	12.093	12.608	11.893	30.894	-17.588	19.444	21.638	0.150	0.784	5.109
20.068	13.319	13.432	12.082	12.728	11.851	30.940	-17.588	19.442	21.681	0.150	0.784	5.547
20.051	13.319	13.416	12.069	12.667	11.776	30.908	-17.588	19.480	21.610	0.150	0.784	5.988
20.070	13.312	13.400	12.075	12.573	11.721	30.911	-17.588	19.442	21.581	0.150	0.785	6.430
20.127	13.323	13.431	12.111	12.766	11.672	30.935	-17.588	19.488	21.652	0.150	0.787	6.867
20.193	13.360	13.479	12.161	12.704	11.644	30.911	-17.588	19.472	21.581	0.150	0.787	7.309
20.252	13.390	13.501	12.192	12.854	11.573	30.923	-17.588	19.480	21.624	0.150	0.788	7.750
20.272	13.405	13.519	12.194	12.888	11.510	30.914	-17.588	19.466	21.624	0.150	0.788	8.188
20.289	13.416	13.498	12.182	12.859	11.445	30.906	-17.588	19.497	21.553	0.150	0.789	8.629
20.280	13.411	13.503	12.157	12.816	11.385	30.897	-17.588	19.477	21.538	0.150	0.788	9.066
20.254	13.405	13.509	12.215	12.896	11.320	30.888	-17.588	19.466	21.595	0.150	0.787	9.508
20.230	13.398	13.470	12.142	12.710	11.269	30.917	-17.588	19.450	21.652	0.150	0.788	9.949
20.199	13.378	13.491	12.194	12.731	11.184	30.914	-17.588	19.510	21.638	0.150	0.786	10.379
20.217	13.382	13.481	12.117	12.778	11.125	30.923	-17.588	19.447	21.524	0.150	0.787	10.816
20.219	13.379	13.480	12.115	12.732	11.081	30.900	-17.588	19.458	21.610	0.150	0.787	11.258
20.248	13.389	13.496	12.173	12.722	11.016	30.891	-17.588	19.480	21.638	0.150	0.788	11.699
20.239	13.385	13.505	12.137	12.908	10.749	30.920	-17.588	19.480	21.624	0.150	0.787	12.137
20.258	13.402	13.517	12.148	12.702	10.571	30.914	-17.588	19.488	21.538	0.150	0.787	12.578

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.876	13.293	13.332	12.887	13.187	13.070	18.619	-4.146	14.661	24.993	0.052	0.508	0.281
15.852	13.298	13.271	12.822	13.210	13.066	18.593	-4.127	14.694	25.108	0.051	0.509	0.719
15.857	13.294	13.314	12.873	13.178	13.048	18.611	-4.141	14.697	25.065	0.052	0.507	1.102
15.844	13.286	13.298	12.841	13.215	13.049	18.596	-4.124	14.678	25.008	0.051	0.507	1.539
15.826	13.299	13.283	12.853	13.109	13.053	18.587	-4.119	14.697	25.022	0.051	0.506	1.980
15.861	13.316	13.301	12.873	13.285	13.065	18.585	-4.132	14.669	25.094	0.051	0.507	2.422
15.813	13.288	13.302	12.874	13.184	13.040	18.602	-4.079	14.680	24.979	0.051	0.504	2.859
15.835	13.317	13.318	12.913	13.224	13.039	18.587	-4.122	14.678	25.122	0.051	0.504	3.301
15.828	13.312	13.337	12.932	13.145	13.047	18.550	-4.096	14.667	25.051	0.051	0.502	3.742
15.848	13.334	13.344	12.906	13.158	13.041	18.555	-4.106	14.667	24.979	0.051	0.502	4.180
15.804	13.309	13.322	12.924	13.259	13.041	18.535	-4.073	14.661	24.993	0.051	0.501	4.621
15.804	13.317	13.324	12.911	13.326	13.045	18.523	-4.084	14.669	25.022	0.051	0.500	5.063
15.817	13.346	13.399	12.944	13.229	13.043	18.544	-4.086	14.678	24.979	0.051	0.496	5.500
15.793	13.311	13.350	12.938	13.206	13.029	18.509	-4.047	14.642	24.993	0.051	0.498	5.941
15.785	13.325	13.334	12.895	13.213	13.027	18.515	-4.023	14.686	25.065	0.051	0.497	6.371
15.785	13.332	13.357	12.935	13.244	13.028	18.497	-4.020	14.678	24.979	0.051	0.496	6.813
15.767	13.337	13.331	12.915	13.302	13.033	18.497	-4.027	14.678	24.993	0.051	0.495	7.250
15.774	13.342	13.335	12.921	13.230	13.032	18.515	-4.001	14.667	25.008	0.050	0.495	7.691
15.778	13.333	13.348	12.955	13.195	13.029	18.500	-3.973	14.680	25.079	0.050	0.496	8.129
15.780	13.347	13.377	12.966	13.366	13.025	18.491	-4.023	14.661	24.979	0.051	0.493	8.570
15.758	13.335	13.375	12.974	13.279	13.016	18.494	-3.982	14.678	24.979	0.050	0.492	9.012
15.752	13.337	13.329	12.919	13.213	13.019	18.456	-3.990	14.678	24.993	0.050	0.494	9.449
15.756	13.340	13.327	12.925	13.133	13.018	18.451	-3.971	14.689	24.993	0.050	0.494	9.891
15.734	13.335	13.343	12.953	13.291	13.008	18.442	-3.971	14.675	25.022	0.050	0.491	10.332
15.721	13.349	13.357	12.924	13.158	13.016	18.459	-3.961	14.680	25.108	0.050	0.489	10.770
15.725	13.353	13.392	13.006	13.307	13.017	18.404	-3.963	14.680	25.008	0.050	0.487	11.211
15.743	13.367	13.359	12.934	13.180	13.007	18.419	-3.964	14.669	24.993	0.050	0.490	11.652
15.725	13.354	13.363	12.928	13.172	12.979	18.404	-3.945	14.656	25.008	0.050	0.488	12.090
15.717	13.350	13.358	12.933	13.159	12.997	18.395	-3.950	14.658	24.965	0.050	0.488	12.531

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.923	13.321	13.314	12.594	13.256	13.037	27.296	-10.139	17.619	25.581	0.102	0.512	0.219
15.926	13.327	13.389	12.644	13.224	13.033	27.264	-10.126	17.613	25.595	0.101	0.508	0.660
15.908	13.344	13.365	12.645	13.228	13.032	27.284	-10.128	17.641	25.624	0.101	0.506	1.098
15.904	13.343	13.362	12.665	13.317	13.027	27.287	-10.159	17.638	25.653	0.102	0.506	1.539
15.891	13.340	13.335	12.633	13.249	13.030	27.293	-10.137	17.619	25.610	0.101	0.507	1.980
15.913	13.349	13.389	12.661	13.142	13.035	27.284	-10.158	17.616	25.624	0.102	0.505	2.418
15.895	13.343	13.356	12.658	13.089	13.019	27.301	-10.144	17.652	25.610	0.102	0.506	2.859
15.915	13.352	13.364	12.640	13.192	13.016	27.299	-10.142	17.643	25.638	0.102	0.506	3.289
15.891	13.347	13.397	12.696	13.198	13.017	27.296	-10.166	17.646	25.595	0.102	0.503	3.730
15.888	13.349	13.352	12.653	13.173	13.019	27.313	-10.159	17.638	25.595	0.102	0.505	4.168
15.873	13.354	13.384	12.657	13.144	13.019	27.304	-10.156	17.693	25.624	0.102	0.501	4.609
15.875	13.345	13.370	12.678	13.193	13.006	27.313	-10.163	17.638	25.581	0.102	0.503	5.051
15.871	13.363	13.374	12.679	13.206	13.002	27.322	-10.171	17.632	25.595	0.102	0.501	5.488
15.862	13.358	13.361	12.667	13.229	12.995	27.322	-10.173	17.646	25.595	0.102	0.501	5.930
15.845	13.360	13.392	12.717	13.292	13.003	27.319	-10.166	17.610	25.538	0.102	0.498	6.371
15.862	13.374	13.366	12.683	13.280	12.995	27.328	-10.158	17.624	25.610	0.102	0.500	6.809
15.847	13.360	13.389	12.706	13.272	13.002	27.342	-10.156	17.663	25.524	0.102	0.498	7.250
15.812	13.368	13.412	12.723	13.294	12.988	27.339	-10.164	17.657	25.624	0.102	0.493	7.688
15.827	13.365	13.376	12.701	13.271	12.993	27.348	-10.161	17.668	25.624	0.102	0.497	8.129
15.847	13.375	13.388	12.704	13.282	12.982	27.336	-10.140	17.660	25.610	0.102	0.497	8.570
15.853	13.365	13.395	12.674	13.287	12.971	27.348	-10.159	17.687	25.595	0.102	0.498	9.008
15.871	13.357	13.392	12.692	13.249	12.956	27.354	-10.199	17.674	25.595	0.102	0.501	9.449
15.873	13.350	13.371	12.661	13.185	12.942	27.371	-10.206	17.657	25.624	0.102	0.502	9.938
15.897	13.349	13.364	12.652	13.205	12.930	27.371	-10.223	17.682	25.624	0.102	0.505	10.379
15.932	13.359	13.373	12.638	13.305	12.915	27.380	-10.173	17.693	25.595	0.102	0.507	10.820
15.932	13.337	13.343	12.573	13.170	12.901	27.392	-10.227	17.652	25.624	0.102	0.510	11.258
15.923	13.326	13.347	12.636	13.392	12.896	27.383	-10.208	17.674	25.610	0.102	0.510	11.699
15.958	13.347	13.333	12.635	13.293	12.875	27.380	-10.230	17.649	25.624	0.102	0.513	12.141
15.941	13.346	13.374	12.637	13.207	12.894	27.360	-10.211	17.679	25.638	0.102	0.509	12.578

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.960	13.370	13.379	12.665	13.321	13.043	37.938	-15.452	23.219	25.724	0.149	0.509	0.219
15.947	13.378	13.376	12.661	13.245	13.036	37.923	-15.440	23.206	25.739	0.149	0.507	0.660
15.960	13.394	13.409	12.716	13.290	13.042	37.938	-15.452	23.217	25.753	0.149	0.506	1.098
15.932	13.394	13.416	12.735	13.386	13.034	37.941	-15.433	23.206	25.753	0.149	0.503	1.539
15.947	13.386	13.405	12.692	13.399	13.029	37.906	-15.423	23.206	25.753	0.149	0.505	1.980
15.945	13.394	13.396	12.769	13.351	13.040	37.926	-15.435	23.222	25.753	0.149	0.505	2.418
15.925	13.392	13.411	12.775	13.346	13.030	37.932	-15.435	23.258	25.710	0.149	0.503	2.859
15.925	13.386	13.435	12.752	13.335	13.020	37.929	-15.426	23.252	25.739	0.149	0.502	3.301
15.927	13.392	13.416	12.706	13.332	13.023	37.941	-15.431	23.214	25.739	0.149	0.503	3.789
15.897	13.397	13.401	12.701	13.305	13.016	37.915	-15.454	23.211	25.724	0.149	0.500	4.230
15.895	13.390	13.403	12.757	13.303	13.009	37.929	-15.445	23.214	25.739	0.149	0.500	4.668
15.890	13.397	13.443	12.745	13.320	13.008	37.926	-15.473	23.211	25.739	0.149	0.497	5.109
15.897	13.399	13.435	12.761	13.269	13.010	37.903	-15.449	23.197	25.753	0.149	0.498	5.551
15.901	13.409	13.442	12.753	13.375	13.002	37.912	-15.450	23.236	25.724	0.149	0.498	5.988
15.875	13.387	13.414	12.703	13.249	12.991	37.926	-15.412	23.208	25.782	0.149	0.498	6.430
15.890	13.398	13.431	12.725	13.291	12.978	37.926	-15.468	23.206	25.753	0.149	0.498	6.871
15.919	13.384	13.404	12.701	13.366	12.975	37.929	-15.449	23.211	25.768	0.149	0.503	7.309
15.932	13.388	13.398	12.746	13.253	12.955	37.912	-15.418	23.200	25.753	0.149	0.504	7.750
15.930	13.389	13.428	12.765	13.416	12.955	37.915	-15.426	23.239	25.753	0.149	0.502	8.180
15.932	13.384	13.412	12.723	13.337	12.943	38.104	-15.532	23.283	25.868	0.150	0.504	8.621
15.912	13.399	13.427	12.713	13.323	12.945	38.351	-15.624	23.409	25.925	0.151	0.500	9.059
15.930	13.404	13.435	12.714	13.342	12.943	38.415	-15.683	23.505	25.868	0.151	0.501	9.500
15.910	13.409	13.451	12.739	13.387	12.947	38.412	-15.655	23.494	25.868	0.151	0.498	9.938
15.882	13.383	13.404	12.766	13.359	12.932	38.444	-15.658	23.489	25.796	0.151	0.499	10.379
15.892	13.399	13.439	12.759	13.318	12.936	38.433	-15.643	23.497	25.782	0.151	0.498	10.820
15.903	13.409	13.409	12.733	13.383	12.936	38.433	-15.650	23.519	25.882	0.151	0.500	11.258
15.882	13.412	13.437	12.734	13.331	12.934	38.465	-15.671	23.527	25.782	0.151	0.496	11.699
15.875	13.400	13.450	12.775	13.330	12.918	38.450	-15.684	23.511	25.882	0.151	0.495	12.141
15.864	13.410	13.469	12.822	13.350	12.953	38.447	-15.684	23.519	25.739	0.151	0.493	12.629

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.753	12.771	12.828	12.113	12.588	12.238	17.951	-3.974	14.193	25.280	0.050	0.700	0.281
17.731	12.760	12.755	12.003	12.754	12.213	17.945	-3.945	14.193	25.309	0.049	0.702	0.723
17.709	12.769	12.789	12.016	12.652	12.192	17.980	-3.943	14.207	25.294	0.049	0.699	1.160
17.733	12.791	12.867	12.107	12.734	12.198	17.951	-3.964	14.196	25.337	0.049	0.696	1.590
17.683	12.765	12.792	12.062	12.501	12.174	17.962	-3.950	14.221	25.251	0.049	0.697	2.031
17.676	12.776	12.797	12.079	12.537	12.198	17.968	-3.969	14.202	25.323	0.050	0.696	2.473
17.665	12.777	12.797	12.111	12.416	12.145	17.919	-3.948	14.177	25.266	0.049	0.695	2.910
17.648	12.782	12.788	12.051	12.521	12.125	17.942	-3.953	14.191	25.251	0.049	0.694	3.352
17.639	12.779	12.775	12.022	12.577	12.133	17.945	-3.913	14.224	25.323	0.049	0.695	3.793
17.626	12.789	12.788	12.064	12.582	12.121	17.910	-3.907	14.169	25.266	0.049	0.693	4.230
17.613	12.792	12.825	12.090	12.666	12.108	17.927	-3.905	14.224	25.237	0.049	0.690	4.621
17.639	12.785	12.773	12.027	12.461	12.084	17.898	-3.943	14.174	25.323	0.049	0.694	5.051
17.650	12.800	12.831	12.087	12.592	12.083	17.887	-3.893	14.202	25.309	0.049	0.692	5.492
17.608	12.785	12.824	12.113	12.507	12.046	17.866	-3.920	14.127	25.251	0.049	0.690	5.930
17.646	12.807	12.857	12.095	12.666	12.027	17.855	-3.912	14.171	25.280	0.049	0.690	6.371
17.628	12.783	12.848	12.090	12.548	12.004	17.872	-3.896	14.141	25.237	0.049	0.691	6.813
17.637	12.781	12.799	12.109	12.503	11.975	17.831	-3.898	14.182	25.337	0.049	0.693	7.250
17.674	12.784	12.814	12.133	12.648	11.943	17.849	-3.877	14.191	25.237	0.049	0.695	7.691
17.707	12.794	12.793	12.011	12.576	11.905	17.834	-3.879	14.169	25.237	0.049	0.698	8.133
17.700	12.779	12.797	12.070	12.498	11.893	17.849	-3.881	14.116	25.237	0.049	0.698	8.570
17.729	12.773	12.805	12.006	12.555	11.872	17.866	-3.879	14.136	25.237	0.049	0.699	9.012
17.744	12.751	12.741	12.047	12.470	11.834	17.828	-3.855	14.138	25.309	0.049	0.704	9.449
17.724	12.759	12.793	12.068	12.574	11.824	17.814	-3.832	14.199	25.294	0.048	0.700	9.891
17.777	12.777	12.742	11.982	12.475	11.791	17.791	-3.829	14.174	25.251	0.048	0.705	10.332
17.746	12.761	12.779	12.070	12.511	11.758	17.805	-3.841	14.163	25.280	0.048	0.702	10.770
17.742	12.764	12.817	12.107	12.451	11.754	17.820	-3.846	14.169	25.266	0.048	0.700	11.211
17.740	12.761	12.796	12.132	12.534	11.747	17.785	-3.849	14.141	25.237	0.048	0.701	11.652
17.689	12.754	12.788	12.066	12.400	11.646	17.805	-3.837	14.177	25.266	0.048	0.698	12.090
17.705	12.774	12.799	12.038	12.603	11.678	17.788	-3.825	14.155	25.309	0.048	0.698	12.520

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.842	12.853	12.875	11.861	12.385	12.217	27.134	-10.215	17.414	25.624	0.102	0.700	0.270
17.801	12.868	12.861	11.927	12.325	12.203	27.120	-10.201	17.406	25.624	0.102	0.697	0.707
17.766	12.846	12.878	11.882	12.402	12.177	27.132	-10.225	17.395	25.624	0.102	0.695	1.148
17.757	12.850	12.920	11.950	12.474	12.175	27.140	-10.248	17.401	25.624	0.102	0.693	1.590
17.717	12.845	12.892	11.896	12.352	12.148	27.149	-10.239	17.403	25.624	0.102	0.692	2.027
17.755	12.848	12.844	11.887	12.406	12.169	27.149	-10.225	17.417	25.624	0.102	0.696	2.469
17.733	12.850	12.935	11.937	12.396	12.132	27.155	-10.255	17.428	25.610	0.102	0.690	2.910
17.759	12.842	12.871	11.838	12.325	12.088	27.164	-10.225	17.414	25.610	0.102	0.695	3.348
17.820	12.853	12.881	11.942	12.414	12.099	27.155	-10.236	17.414	25.624	0.102	0.698	3.789
17.844	12.842	12.866	11.843	12.359	12.051	27.161	-10.245	17.425	25.624	0.102	0.701	4.230
17.857	12.861	12.881	11.924	12.383	12.038	27.161	-10.258	17.428	25.624	0.102	0.700	4.668
17.895	12.845	12.837	11.815	12.368	11.996	27.175	-10.264	17.434	25.610	0.102	0.705	5.109
17.884	12.813	12.837	11.863	12.318	11.973	27.181	-10.255	17.417	25.653	0.102	0.706	5.551
17.884	12.838	12.874	11.865	12.338	11.966	27.184	-10.248	17.436	25.624	0.102	0.703	5.988
17.877	12.843	12.864	11.914	12.216	11.935	27.178	-10.194	17.420	25.624	0.102	0.703	6.430
17.842	12.834	12.869	11.900	12.549	11.920	27.187	-10.248	17.406	25.638	0.102	0.701	6.867
17.827	12.853	12.920	11.913	12.284	11.913	27.181	-10.288	17.414	25.624	0.102	0.697	7.301
17.792	12.857	12.888	11.935	12.429	11.915	27.184	-10.250	17.428	25.624	0.102	0.696	7.738
17.785	12.850	12.870	11.895	12.291	11.873	27.178	-10.248	17.392	25.610	0.102	0.697	8.180
17.798	12.838	12.867	11.901	12.410	11.844	27.175	-10.253	17.392	25.624	0.102	0.698	8.617
17.809	12.846	12.913	11.915	12.337	11.845	27.196	-10.271	17.442	25.610	0.102	0.696	9.059
17.818	12.843	12.890	11.895	12.422	11.817	27.196	-10.262	17.436	25.624	0.102	0.698	9.500
17.831	12.833	12.887	11.858	12.314	11.793	27.196	-10.276	17.420	25.624	0.102	0.700	9.938
17.851	12.863	12.885	11.835	12.283	11.769	27.213	-10.253	17.428	25.624	0.102	0.700	10.379
17.844	12.837	12.885	11.920	12.266	11.728	27.196	-10.241	17.431	25.595	0.102	0.700	10.820
17.897	12.859	12.903	11.840	12.289	11.717	27.207	-10.286	17.412	25.624	0.102	0.702	11.258
17.857	12.843	12.861	11.806	12.516	11.692	27.233	-10.265	17.436	25.638	0.102	0.702	11.699
17.855	12.837	12.881	11.843	12.371	11.608	27.204	-10.269	17.453	25.624	0.102	0.701	12.141
17.849	12.844	12.873	11.864	12.298	11.625	27.213	-10.290	17.417	25.624	0.102	0.701	12.578

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
18.113	12.939	13.035	11.440	12.545	12.160	37.856	-15.430	23.169	25.753	0.149	0.706	0.219
18.049	12.921	13.000	11.391	12.378	12.130	37.893	-15.444	23.166	25.753	0.149	0.704	0.711
18.051	12.942	12.996	11.440	12.437	12.116	37.864	-15.388	23.180	25.811	0.149	0.704	1.152
18.025	12.934	13.003	11.437	12.486	12.107	37.859	-15.407	23.177	25.753	0.149	0.702	1.590
17.997	12.913	12.992	11.427	12.625	12.088	37.879	-15.449	23.169	25.753	0.149	0.702	2.031
17.984	12.931	13.002	11.399	12.467	12.091	37.870	-15.475	23.175	25.753	0.149	0.700	2.469
17.960	12.920	12.987	11.413	12.478	12.060	37.873	-15.425	23.177	25.768	0.149	0.699	2.910
17.997	12.943	12.978	11.427	12.529	12.038	37.876	-15.458	23.169	25.739	0.149	0.701	3.352
17.981	12.920	12.957	11.411	12.560	12.039	37.876	-15.425	23.169	25.753	0.149	0.702	3.789
18.021	12.942	12.975	11.382	12.346	12.018	37.879	-15.383	23.161	25.768	0.149	0.703	4.230
18.023	12.931	13.003	11.450	12.349	11.996	37.867	-15.447	23.186	25.796	0.149	0.702	4.660
18.051	12.923	12.966	11.388	12.365	11.962	37.873	-15.437	23.144	25.868	0.149	0.706	5.102
18.073	12.926	12.956	11.320	12.431	11.930	37.876	-15.418	23.161	25.854	0.149	0.708	5.539
18.084	12.924	12.984	11.459	12.437	11.896	37.859	-15.418	23.150	25.796	0.149	0.707	5.980
18.086	12.928	12.998	11.458	12.447	11.880	37.879	-15.432	23.186	25.854	0.149	0.707	6.422
18.100	12.923	13.008	11.370	12.510	11.836	37.867	-15.458	23.147	25.768	0.149	0.707	6.859
18.058	12.924	12.981	11.420	12.401	11.833	37.867	-15.439	23.197	25.811	0.149	0.706	7.301
18.023	12.915	12.969	11.436	12.331	11.797	37.870	-15.456	23.180	25.825	0.149	0.704	7.742
18.005	12.909	12.944	11.394	12.449	11.776	37.856	-15.430	23.153	25.782	0.149	0.705	8.180
17.986	12.928	13.003	11.442	12.445	11.771	37.870	-15.439	23.161	25.868	0.149	0.700	8.621
17.940	12.918	12.964	11.488	12.533	11.768	37.949	-15.472	23.224	25.854	0.149	0.699	9.059
17.955	12.937	13.012	11.447	12.546	11.758	38.016	-15.522	23.249	25.868	0.150	0.697	9.500
17.914	12.930	12.963	11.412	12.374	11.767	38.004	-15.508	23.249	25.868	0.150	0.697	9.941
17.892	12.929	12.948	11.434	12.504	11.745	38.016	-15.510	23.241	25.868	0.150	0.697	10.430
17.903	12.947	12.980	11.448	12.783	11.744	37.990	-15.491	23.238	25.854	0.149	0.695	10.871
17.848	12.926	12.941	11.486	12.487	11.718	38.016	-15.478	23.249	25.868	0.149	0.694	11.309
17.898	12.938	13.010	11.451	12.536	11.705	38.019	-15.504	23.235	25.868	0.150	0.694	11.750
17.940	12.927	12.972	11.500	12.418	11.606	38.030	-15.518	23.257	25.868	0.150	0.699	12.191
17.973	12.920	12.942	11.437	12.455	11.593	38.019	-15.499	23.246	25.854	0.149	0.702	12.629

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.665	13.568	13.658	13.110	13.485	12.681	18.355	-3.534	14.996	25.395	0.047	0.796	0.270
20.635	13.558	13.646	13.045	13.587	12.621	18.346	-3.540	14.988	25.452	0.047	0.795	0.711
20.644	13.539	13.645	13.005	13.496	12.561	18.372	-3.541	14.977	25.366	0.047	0.796	1.148
20.711	13.568	13.674	13.099	13.879	12.532	18.366	-3.496	15.046	25.380	0.047	0.797	1.590
20.816	13.624	13.743	13.158	13.267	12.533	18.398	-3.482	15.090	25.481	0.047	0.798	2.031
20.904	13.670	13.798	13.222	13.966	12.567	18.404	-3.463	15.162	25.481	0.046	0.798	2.469
20.987	13.715	13.839	13.300	14.058	12.549	18.436	-3.427	15.206	25.452	0.046	0.799	2.910
21.208	13.808	13.944	13.336	14.051	12.579	18.468	-3.356	15.324	25.495	0.046	0.803	3.352
21.293	13.865	13.998	13.418	14.125	12.638	18.500	-3.361	15.302	25.495	0.046	0.803	3.789
21.274	13.866	13.978	13.415	14.069	12.616	18.474	-3.371	15.318	25.438	0.046	0.802	4.230
21.186	13.839	13.946	13.380	14.006	12.548	18.477	-3.404	15.266	25.380	0.046	0.800	4.672
21.048	13.795	13.870	13.268	13.553	12.449	18.465	-3.441	15.186	25.352	0.046	0.798	5.109
20.932	13.730	13.798	13.201	13.760	12.339	18.596	-3.638	15.164	25.395	0.048	0.798	5.551
20.810	13.669	13.745	13.059	13.619	12.203	18.817	-3.855	15.164	25.538	0.050	0.796	5.992
20.718	13.616	13.690	12.969	13.166	12.083	18.884	-3.961	15.131	25.624	0.051	0.795	6.430
20.637	13.559	13.639	12.980	13.885	11.960	19.044	-4.091	15.131	25.653	0.052	0.795	6.871
20.539	13.525	13.588	12.953	13.327	11.877	19.094	-4.149	15.131	25.624	0.052	0.794	7.301
20.458	13.487	13.562	12.920	13.159	11.745	19.094	-4.222	15.104	25.538	0.053	0.792	7.742
20.409	13.451	13.536	12.894	13.194	11.640	19.097	-4.222	15.087	25.495	0.053	0.792	8.180
20.359	13.426	13.498	12.814	13.563	11.543	19.076	-4.259	15.068	25.481	0.053	0.792	8.621
20.326	13.394	13.456	12.802	13.139	11.447	19.094	-4.272	15.027	25.495	0.053	0.793	9.059
20.254	13.367	13.437	12.665	13.429	11.361	19.076	-4.293	15.005	25.495	0.053	0.791	9.500
20.204	13.338	13.429	12.717	13.325	11.304	19.085	-4.314	14.980	25.495	0.053	0.790	9.941
20.208	13.328	13.405	12.742	13.394	11.225	19.094	-4.309	14.980	25.481	0.053	0.792	10.379
20.195	13.329	13.404	12.705	13.281	11.163	19.065	-4.321	14.977	25.466	0.053	0.791	10.820
20.184	13.325	13.385	12.592	13.336	11.112	19.091	-4.319	14.972	25.495	0.053	0.791	11.262
20.175	13.324	13.408	12.685	13.134	11.040	19.088	-4.321	15.013	25.481	0.053	0.790	11.699
20.151	13.323	13.390	12.699	13.107	10.771	19.082	-4.331	14.983	25.481	0.053	0.790	12.141
20.129	13.303	13.374	12.722	13.292	10.569	19.111	-4.335	14.988	25.481	0.053	0.790	12.582

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
21.319	13.936	14.049	12.854	13.450	13.036	27.052	-9.567	17.911	25.624	0.098	0.800	0.219
21.249	13.911	14.013	12.841	13.945	12.964	27.040	-9.617	17.892	25.624	0.098	0.798	0.660
21.206	13.877	13.976	12.905	13.676	12.884	27.026	-9.619	17.840	25.624	0.098	0.799	1.102
21.142	13.847	13.960	12.725	13.752	12.800	27.037	-9.639	17.851	25.624	0.098	0.798	1.539
21.061	13.814	13.917	12.711	13.523	12.724	27.267	-9.853	17.933	25.653	0.100	0.796	1.980
20.987	13.786	13.882	12.715	13.511	12.700	27.488	-9.963	17.994	25.753	0.101	0.795	2.418
20.924	13.750	13.845	12.619	13.721	12.560	27.561	-10.010	18.002	25.753	0.101	0.795	2.859
20.864	13.710	13.815	12.618	13.389	12.463	27.561	-10.092	17.977	25.753	0.102	0.794	3.301
20.797	13.677	13.771	12.531	13.123	12.402	27.584	-10.097	17.980	25.624	0.102	0.794	3.738
20.709	13.636	13.726	12.502	13.218	12.322	27.573	-10.133	17.980	25.653	0.102	0.793	4.180
20.644	13.605	13.697	12.438	13.166	12.239	27.573	-10.119	17.944	25.624	0.102	0.792	4.668
20.639	13.593	13.702	12.476	13.119	12.177	27.570	-10.116	17.944	25.624	0.102	0.792	5.109
20.716	13.623	13.740	12.484	13.461	12.142	27.613	-10.106	17.966	25.624	0.102	0.793	5.551
20.845	13.667	13.796	12.514	13.376	12.110	27.607	-10.052	18.035	25.624	0.101	0.796	5.988
20.928	13.721	13.852	12.673	13.870	12.095	27.610	-10.061	18.022	25.624	0.102	0.796	6.430
20.978	13.755	13.887	12.585	13.359	12.066	27.628	-10.040	18.063	25.624	0.101	0.796	6.871
21.037	13.788	13.916	12.748	13.495	12.052	27.622	-10.036	18.104	25.624	0.101	0.796	7.309
21.083	13.809	13.939	12.713	13.685	11.980	27.637	-10.031	18.077	25.624	0.101	0.797	7.750
21.103	13.825	13.945	12.786	13.271	11.917	27.634	-10.021	18.088	25.624	0.101	0.797	8.191
21.136	13.837	13.967	12.736	13.465	11.858	27.634	-10.035	18.145	25.638	0.101	0.797	8.629
21.160	13.855	13.980	12.781	13.459	11.805	27.669	-10.028	18.129	25.624	0.101	0.797	9.059
21.184	13.864	13.999	12.774	13.918	11.742	27.648	-9.993	18.112	25.624	0.101	0.797	9.500
21.208	13.878	14.009	12.869	13.912	11.704	27.669	-9.981	18.187	25.624	0.101	0.798	9.941
21.287	13.908	14.050	12.888	13.849	11.651	27.663	-9.977	18.143	25.624	0.101	0.799	10.379
21.376	13.946	14.104	12.901	13.881	11.618	27.669	-9.950	18.192	25.610	0.101	0.800	10.820
21.459	13.996	14.148	12.948	13.762	11.616	27.677	-9.913	18.231	25.624	0.101	0.800	11.262
21.512	14.023	14.166	12.930	13.728	11.561	27.689	-9.932	18.250	25.595	0.101	0.801	11.699
21.479	14.023	14.149	12.928	14.140	11.240	27.692	-9.948	18.214	25.624	0.101	0.800	12.141
21.479	14.015	14.140	13.056	13.693	11.013	27.692	-9.984	18.225	25.624	0.101	0.801	12.578

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
22.390	14.589	14.785	13.302	14.021	13.591	37.375	-15.062	23.013	25.753	0.146	0.800	0.219
22.399	14.611	14.796	13.301	14.109	13.577	37.398	-15.100	22.985	25.796	0.146	0.799	0.660
22.395	14.605	14.779	13.331	14.184	13.540	37.378	-15.110	23.002	25.724	0.146	0.800	1.102
22.355	14.602	14.756	13.262	14.283	13.483	37.366	-15.126	22.991	25.753	0.146	0.799	1.539
22.305	14.569	14.728	13.207	13.914	13.422	37.393	-15.114	22.971	25.753	0.146	0.799	1.980
22.211	14.525	14.679	13.190	13.936	13.404	37.381	-15.102	23.007	25.739	0.146	0.798	2.359
22.130	14.490	14.635	13.113	14.012	13.255	37.410	-15.114	22.999	25.782	0.146	0.797	2.801
22.071	14.448	14.582	13.064	13.997	13.157	37.535	-15.223	23.015	25.796	0.147	0.797	3.242
21.975	14.406	14.548	13.008	13.776	13.086	37.710	-15.280	23.150	25.882	0.148	0.796	3.680
21.926	14.364	14.497	12.968	13.606	12.997	37.916	-15.424	23.266	25.940	0.149	0.797	4.121
21.817	14.316	14.445	12.883	13.752	12.897	38.102	-15.472	23.337	25.868	0.149	0.795	4.559
21.738	14.272	14.402	12.807	13.723	12.799	38.251	-15.590	23.442	25.997	0.150	0.795	4.941
21.662	14.236	14.360	12.751	13.777	12.700	38.443	-15.644	23.521	25.983	0.151	0.794	5.379
21.598	14.199	14.317	12.709	13.610	12.583	38.585	-15.715	23.593	25.997	0.152	0.794	5.820
21.515	14.151	14.287	12.642	13.425	12.480	38.693	-15.753	23.667	25.983	0.152	0.793	6.262
21.524	14.136	14.284	12.642	13.491	12.386	38.783	-15.822	23.709	25.983	0.153	0.794	6.699
21.572	14.161	14.331	12.736	13.674	12.351	38.844	-15.840	23.769	25.882	0.153	0.793	7.141
21.662	14.206	14.361	12.720	13.726	12.278	38.885	-15.819	23.786	25.882	0.153	0.795	7.582
21.677	14.217	14.366	12.726	13.694	12.197	38.900	-15.859	23.791	25.882	0.153	0.795	8.020
21.642	14.216	14.370	12.698	13.664	12.124	38.932	-15.836	23.794	25.868	0.153	0.793	8.461
21.679	14.227	14.376	12.711	13.632	12.055	38.926	-15.821	23.824	25.854	0.153	0.794	8.902
21.740	14.244	14.421	12.754	13.607	12.003	38.926	-15.862	23.832	25.825	0.153	0.795	9.281
21.815	14.296	14.470	12.853	13.929	11.987	38.955	-15.850	23.832	25.868	0.153	0.795	9.719
21.918	14.341	14.515	12.883	13.815	11.951	38.920	-15.817	23.832	25.882	0.153	0.797	10.160
21.940	14.367	14.519	12.895	13.988	11.906	38.917	-15.864	23.860	25.811	0.153	0.796	10.602
21.948	14.381	14.533	12.900	13.723	11.866	38.911	-15.826	23.832	25.811	0.153	0.796	11.039
21.937	14.375	14.535	12.875	13.939	11.791	38.906	-15.815	23.805	25.782	0.153	0.796	11.480
21.898	14.361	14.510	12.876	13.798	11.470	38.894	-15.802	23.816	25.839	0.153	0.795	11.922
21.902	14.362	14.527	12.877	13.875	11.218	38.891	-15.810	23.835	25.868	0.153	0.795	12.301

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
24.644	16.044	16.281	13.992	15.527	14.885	50.491	-20.848	30.602	26.141	0.200	0.800	0.281
24.607	16.068	16.274	14.010	15.912	14.883	50.511	-20.908	30.602	26.169	0.200	0.798	0.719
24.528	16.057	16.243	13.979	15.502	14.851	50.528	-20.869	30.633	26.141	0.200	0.796	1.102
24.520	16.042	16.214	13.965	15.623	14.787	50.534	-20.895	30.613	26.155	0.200	0.797	1.539
24.504	16.039	16.218	13.955	15.521	14.731	50.555	-20.886	30.657	26.141	0.200	0.797	1.980
24.576	16.055	16.258	13.951	15.716	14.724	50.587	-20.912	30.630	26.126	0.201	0.798	2.422
24.765	16.158	16.378	14.139	15.721	14.735	50.595	-20.928	30.674	26.141	0.201	0.799	2.859
24.990	16.280	16.503	14.227	15.877	14.756	50.627	-20.917	30.685	26.055	0.201	0.800	3.238
25.121	16.377	16.571	14.283	15.936	14.825	50.648	-20.952	30.666	26.126	0.201	0.800	3.680
25.213	16.452	16.641	14.400	15.991	14.862	50.659	-20.943	30.685	26.126	0.201	0.800	4.121
25.285	16.510	16.688	14.447	16.080	14.845	50.683	-20.921	30.682	26.141	0.201	0.799	4.559
25.322	16.540	16.706	14.487	15.902	14.822	50.694	-20.955	30.688	26.141	0.201	0.799	4.949
25.298	16.544	16.697	14.458	15.933	14.771	50.715	-21.019	30.713	26.141	0.201	0.799	5.379
25.307	16.549	16.693	14.376	16.125	14.685	50.715	-21.005	30.732	26.141	0.201	0.799	5.820
25.342	16.557	16.720	14.455	16.297	14.618	50.752	-20.990	30.740	26.141	0.201	0.799	6.262
25.519	16.638	16.827	14.620	16.144	14.601	50.802	-20.985	30.762	26.184	0.201	0.801	6.648
25.712	16.751	16.954	14.717	16.510	14.621	50.793	-20.979	30.770	26.141	0.201	0.801	7.090
25.920	16.881	17.068	14.854	16.513	14.603	50.825	-21.004	30.787	26.141	0.201	0.802	7.531
26.060	17.003	17.160	15.009	16.611	14.591	50.819	-21.026	30.776	26.155	0.202	0.801	7.969
26.193	17.082	17.243	15.043	16.628	14.553	50.811	-21.028	30.801	26.184	0.202	0.801	8.410
26.261	17.140	17.277	15.070	16.795	14.531	50.851	-20.993	30.858	26.169	0.201	0.801	8.789
26.305	17.169	17.310	15.073	16.596	14.458	50.849	-21.045	30.784	26.141	0.202	0.801	9.230
26.241	17.169	17.269	15.061	16.572	14.380	50.851	-20.999	30.798	26.141	0.201	0.800	9.672
26.171	17.142	17.243	15.005	16.824	14.273	50.872	-21.033	30.847	26.141	0.202	0.799	10.109
26.092	17.089	17.169	14.990	16.522	14.145	50.883	-21.049	30.795	26.155	0.202	0.799	10.488
25.992	17.031	17.116	14.978	16.625	14.069	50.872	-21.047	30.831	26.169	0.202	0.799	10.930
25.891	16.974	17.070	14.850	16.664	13.945	50.901	-21.075	30.831	26.169	0.202	0.798	11.371
25.782	16.906	16.995	14.754	16.435	13.542	50.924	-21.042	30.861	26.141	0.202	0.798	11.809
25.683	16.850	16.934	14.710	16.317	13.223	50.936	-21.073	30.836	26.169	0.202	0.797	12.250

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.656	13.483	13.618	12.844	13.382	12.600	22.723	-3.373	19.536	25.137	0.050	0.800	0.270
20.578	13.486	13.616	12.778	13.425	12.556	22.723	-3.378	19.539	25.094	0.050	0.796	0.660
20.582	13.475	13.589	12.814	13.223	12.499	22.685	-3.371	19.506	25.022	0.050	0.798	1.102
20.505	13.456	13.566	12.725	13.405	12.432	22.668	-3.366	19.481	25.065	0.050	0.796	1.539
20.501	13.426	13.535	12.718	13.215	12.382	22.673	-3.363	19.454	25.008	0.050	0.798	1.969
20.431	13.415	13.527	12.644	13.637	12.397	22.673	-3.371	19.473	25.051	0.050	0.795	2.410
20.431	13.398	13.498	12.736	13.184	12.258	22.650	-3.370	19.440	25.065	0.050	0.797	2.852
20.407	13.379	13.488	12.526	13.271	12.183	22.638	-3.371	19.437	25.065	0.050	0.796	3.289
20.343	13.359	13.454	12.509	13.235	12.153	22.633	-3.377	19.443	25.008	0.050	0.795	3.730
20.306	13.333	13.449	12.613	13.191	12.089	22.601	-3.365	19.421	24.993	0.050	0.795	4.172
20.282	13.315	13.418	12.490	12.836	12.022	22.676	-3.365	19.421	25.094	0.050	0.795	4.559
20.263	13.311	13.415	12.392	12.979	11.969	22.644	-3.385	19.437	25.051	0.050	0.795	5.000
20.238	13.313	13.406	12.654	13.066	11.919	22.624	-3.392	19.382	25.036	0.050	0.794	5.441
20.245	13.293	13.392	12.540	13.046	11.835	22.612	-3.387	19.363	25.108	0.050	0.795	5.871
20.210	13.285	13.391	12.543	13.345	11.784	22.595	-3.380	19.407	25.036	0.050	0.794	6.309
20.234	13.291	13.386	12.408	13.447	11.713	22.618	-3.371	19.429	25.065	0.050	0.795	6.750
20.219	13.284	13.378	12.480	13.142	11.666	22.609	-3.340	19.391	25.108	0.050	0.795	7.191
20.232	13.290	13.385	12.427	12.994	11.567	22.606	-3.378	19.363	25.094	0.050	0.795	7.629
20.236	13.280	13.424	12.640	13.082	11.486	22.563	-3.373	19.385	25.094	0.050	0.794	8.070
20.190	13.283	13.383	12.497	13.039	11.423	22.627	-3.384	19.385	25.079	0.050	0.793	8.512
20.234	13.278	13.403	12.440	13.118	11.361	22.618	-3.365	19.349	25.108	0.050	0.795	8.898
20.206	13.289	13.400	12.489	13.183	11.304	22.566	-3.384	19.366	25.108	0.050	0.793	9.328
20.225	13.296	13.387	12.557	13.005	11.261	22.580	-3.363	19.369	25.094	0.050	0.794	9.770
20.254	13.287	13.398	12.501	13.466	11.190	22.589	-3.378	19.363	25.051	0.050	0.796	10.211
20.245	13.294	13.406	12.513	13.393	11.117	22.604	-3.366	19.377	25.108	0.050	0.795	10.648
20.245	13.290	13.407	12.646	13.319	11.085	22.609	-3.366	19.385	25.094	0.050	0.795	11.090
20.195	13.293	13.389	12.277	13.130	11.008	22.557	-3.375	19.396	25.137	0.050	0.793	11.531
20.206	13.286	13.403	12.349	12.962	10.737	22.551	-3.368	19.360	25.022	0.050	0.793	11.969
20.186	13.276	13.375	12.444	13.054	10.522	22.551	-3.368	19.325	25.065	0.050	0.794	12.410

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
21.460	14.005	14.198	12.191	13.824	13.018	41.493	-7.147	34.647	25.624	0.100	0.798	0.219
21.589	14.072	14.283	12.313	13.841	13.034	41.510	-7.180	34.688	25.595	0.100	0.799	0.656
21.757	14.173	14.388	12.410	13.894	13.075	41.490	-7.182	34.641	25.624	0.100	0.799	1.098
21.854	14.249	14.440	12.457	13.879	13.111	41.478	-7.163	34.669	25.681	0.100	0.799	1.488
21.908	14.283	14.476	12.477	13.937	13.109	41.449	-7.152	34.644	25.681	0.100	0.799	1.930
21.904	14.295	14.476	12.491	14.076	13.123	41.493	-7.163	34.652	25.610	0.100	0.799	2.367
21.897	14.285	14.459	12.482	13.671	13.059	41.472	-7.164	34.669	25.653	0.100	0.799	2.750
21.856	14.279	14.448	12.469	13.855	12.990	41.443	-7.170	34.650	25.638	0.100	0.798	3.188
21.845	14.262	14.426	12.474	13.916	12.961	41.490	-7.177	34.641	25.624	0.100	0.799	3.629
21.823	14.250	14.430	12.433	13.921	12.903	41.466	-7.161	34.655	25.624	0.100	0.798	4.008
21.830	14.248	14.429	12.425	13.853	12.849	41.443	-7.161	34.652	25.581	0.100	0.799	4.449
21.830	14.239	14.430	12.493	13.720	12.793	41.478	-7.158	34.669	25.624	0.100	0.799	4.887
21.865	14.267	14.449	12.476	13.892	12.756	41.493	-7.166	34.655	25.638	0.100	0.799	5.328
21.865	14.289	14.474	12.484	14.176	12.693	41.455	-7.154	34.655	25.624	0.100	0.797	5.719
21.913	14.285	14.463	12.481	13.865	12.645	41.446	-7.152	34.677	25.638	0.100	0.800	6.156
21.878	14.290	14.457	12.479	13.902	12.573	41.525	-7.170	34.652	25.696	0.100	0.799	6.598
21.884	14.290	14.454	12.490	14.054	12.520	41.414	-7.171	34.611	25.653	0.100	0.799	6.977
21.913	14.295	14.475	12.484	13.895	12.423	41.481	-7.158	34.644	25.624	0.100	0.799	7.418
21.939	14.307	14.487	12.564	13.844	12.335	41.472	-7.154	34.647	25.681	0.100	0.800	7.859
22.000	14.329	14.520	12.560	14.264	12.273	41.466	-7.178	34.650	25.610	0.100	0.801	8.238
21.996	14.349	14.526	12.564	14.209	12.219	41.411	-7.177	34.595	25.653	0.100	0.799	8.680
22.042	14.364	14.555	12.538	14.017	12.156	41.481	-7.180	34.603	25.667	0.100	0.800	9.117
22.059	14.371	14.558	12.571	14.109	12.100	41.466	-7.159	34.655	25.724	0.100	0.800	9.559
22.022	14.371	14.551	12.583	14.111	12.025	41.461	-7.156	34.639	25.739	0.100	0.799	9.949
21.991	14.359	14.527	12.564	13.862	11.934	41.455	-7.152	34.644	25.739	0.100	0.799	10.387
21.967	14.342	14.511	12.549	13.987	11.888	41.504	-7.147	34.669	25.739	0.100	0.799	10.828
21.978	14.329	14.501	12.511	13.994	11.788	41.481	-7.123	34.677	25.739	0.099	0.800	11.207
21.952	14.306	14.481	12.531	14.089	11.470	41.466	-7.154	34.663	25.653	0.100	0.801	11.648
21.910	14.289	14.449	12.448	13.874	11.190	41.449	-7.154	34.647	25.753	0.100	0.800	12.090

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
23.022	15.084	15.298	12.868	14.965	13.979	62.161	-10.836	51.747	28.241	0.150	0.794	0.219
23.042	15.068	15.298	12.877	14.753	13.924	62.155	-10.897	51.733	28.212	0.150	0.795	0.648
23.332	15.195	15.489	13.052	14.976	13.973	62.176	-10.885	51.758	28.169	0.150	0.798	1.090
23.558	15.362	15.628	13.174	15.119	14.059	62.179	-10.888	51.747	28.198	0.150	0.797	1.527
23.682	15.442	15.695	13.219	15.398	14.102	62.173	-10.894	51.763	28.155	0.150	0.798	1.918
23.783	15.515	15.759	13.314	15.465	14.141	62.173	-10.904	51.733	28.212	0.151	0.798	2.359
23.785	15.537	15.771	13.325	15.292	14.116	62.182	-10.913	51.750	28.155	0.151	0.797	2.801
23.711	15.520	15.720	13.250	15.162	14.048	62.158	-10.899	51.722	28.212	0.150	0.796	3.238
23.665	15.487	15.694	13.214	15.229	14.003	62.176	-10.925	51.730	28.227	0.151	0.796	3.617
23.577	15.450	15.642	13.163	15.369	13.915	62.155	-10.592	51.884	28.256	0.148	0.795	4.059
23.516	15.409	15.602	13.153	15.321	13.827	62.182	-10.812	51.780	28.184	0.150	0.795	4.500
23.503	15.392	15.598	13.179	15.257	13.746	62.176	-10.842	51.769	28.212	0.150	0.795	4.879
23.619	15.430	15.661	13.167	15.239	13.719	61.937	-10.836	51.582	28.155	0.150	0.797	5.320
23.698	15.490	15.717	13.194	15.516	13.668	62.115	-10.907	51.708	28.068	0.151	0.796	5.758
23.763	15.527	15.735	13.267	15.285	13.647	62.190	-10.866	51.821	28.198	0.150	0.797	6.199
23.801	15.548	15.779	13.336	15.265	13.595	62.211	-10.871	51.827	28.155	0.150	0.797	6.590
23.809	15.565	15.784	13.310	15.265	13.556	62.205	-10.895	51.824	28.212	0.151	0.796	7.027
23.825	15.574	15.792	13.304	15.484	13.447	62.202	-10.874	51.747	28.155	0.150	0.797	7.469
23.818	15.578	15.779	13.274	15.346	13.348	62.216	-10.930	51.788	28.270	0.151	0.797	7.898
23.820	15.574	15.803	13.320	15.398	13.261	62.240	-10.900	51.810	28.227	0.151	0.796	8.289
23.836	15.588	15.796	13.299	15.624	13.188	62.266	-10.933	51.802	28.227	0.151	0.796	8.730
23.879	15.606	15.815	13.360	15.759	13.117	62.278	-10.845	51.862	28.169	0.150	0.797	9.168
23.899	15.614	15.830	13.312	15.408	13.066	62.283	-10.923	51.802	28.212	0.151	0.797	9.609
23.868	15.618	15.827	13.341	15.387	12.981	62.266	-10.921	51.843	28.184	0.151	0.796	10.051
23.910	15.629	15.856	13.399	15.237	12.909	62.280	-10.935	51.827	28.227	0.151	0.796	10.488
23.989	15.664	15.894	13.467	15.582	12.899	62.257	-10.916	51.818	28.212	0.151	0.797	10.867
24.057	15.711	15.933	13.441	15.671	12.849	62.222	-10.914	51.763	28.169	0.151	0.797	11.309
24.118	15.746	15.973	13.478	15.386	12.516	62.243	-10.914	51.772	28.241	0.151	0.798	11.750
24.129	15.765	15.986	13.529	15.698	12.307	62.251	-10.933	51.810	28.212	0.151	0.797	12.188

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.611	12.748	12.742	11.743	12.556	12.198	22.877	-3.643	19.461	27.175	0.053	0.696	0.270
17.565	12.753	12.783	11.728	12.536	12.193	22.933	-3.629	19.474	27.219	0.053	0.691	0.660
17.534	12.734	12.761	11.723	12.518	12.172	22.918	-3.627	19.483	27.233	0.053	0.691	1.102
17.576	12.743	12.815	11.798	12.375	12.146	22.898	-3.625	19.458	27.190	0.053	0.690	1.543
17.606	12.750	12.766	11.735	12.564	12.134	22.909	-3.629	19.510	27.161	0.053	0.694	1.980
17.720	12.740	12.769	11.723	12.543	12.126	22.959	-3.636	19.507	27.190	0.053	0.702	2.422
17.757	12.729	12.773	11.716	12.450	12.050	22.935	-3.634	19.513	27.175	0.053	0.704	2.863
17.829	12.739	12.795	11.711	12.444	12.015	22.906	-3.629	19.472	27.190	0.053	0.708	3.301
17.797	12.739	12.832	11.689	12.450	12.007	22.947	-3.632	19.510	27.219	0.053	0.704	3.680
17.757	12.715	12.746	11.744	12.411	11.988	22.953	-3.632	19.510	27.118	0.053	0.706	4.121
17.748	12.716	12.769	11.720	12.487	11.967	22.915	-3.651	19.510	27.204	0.053	0.705	4.563
17.748	12.751	12.784	11.691	12.476	11.968	22.938	-3.650	19.538	27.175	0.053	0.702	5.000
17.716	12.728	12.785	11.762	12.461	11.956	22.950	-3.646	19.510	27.219	0.053	0.701	5.441
17.703	12.724	12.766	11.755	12.518	11.929	22.979	-3.641	19.518	27.262	0.053	0.701	5.883
17.689	12.731	12.760	11.798	12.454	11.927	22.947	-3.637	19.507	27.190	0.053	0.701	6.320
17.661	12.714	12.779	11.667	12.449	11.905	22.970	-3.651	19.540	27.204	0.053	0.699	6.762
17.698	12.741	12.781	11.697	12.424	11.892	22.930	-3.608	19.499	27.190	0.052	0.700	7.141
17.678	12.741	12.829	11.736	12.512	11.864	22.956	-3.643	19.510	27.233	0.053	0.696	7.582
17.672	12.746	12.796	11.758	12.483	11.849	22.935	-3.620	19.507	27.190	0.053	0.697	8.020
17.672	12.737	12.768	11.770	12.281	11.812	22.941	-3.630	19.513	27.190	0.053	0.699	8.461
17.705	12.735	12.787	11.786	12.312	11.815	22.935	-3.656	19.518	27.219	0.053	0.700	8.902
17.751	12.746	12.768	11.700	12.418	11.775	22.965	-3.637	19.527	27.219	0.053	0.703	9.340
17.762	12.746	12.768	11.681	12.200	11.749	22.921	-3.641	19.513	27.161	0.053	0.704	9.781
17.801	12.728	12.751	11.725	12.319	11.721	22.967	-3.650	19.524	27.233	0.053	0.708	10.160
17.779	12.718	12.774	11.751	12.340	11.673	22.970	-3.644	19.538	27.276	0.053	0.706	10.602
17.808	12.724	12.755	11.717	12.294	11.646	22.965	-3.624	19.521	27.190	0.053	0.709	11.043
17.845	12.746	12.769	11.694	12.432	11.629	22.953	-3.644	19.543	27.219	0.053	0.709	11.480
17.849	12.739	12.753	11.694	12.235	11.537	22.956	-3.637	19.535	27.190	0.053	0.711	11.922
17.843	12.726	12.739	11.687	12.383	11.540	22.988	-3.632	19.546	27.233	0.053	0.711	12.363

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.768	12.859	12.911	11.387	12.624	12.180	41.511	-7.324	34.545	27.679	0.101	0.693	0.219
17.733	12.860	12.913	11.412	12.765	12.166	41.496	-7.317	34.567	27.722	0.101	0.691	0.660
17.766	12.868	12.938	11.383	12.729	12.155	41.511	-7.308	34.583	27.708	0.101	0.692	1.102
17.860	12.881	12.887	11.335	12.629	12.123	41.493	-7.312	34.561	27.694	0.101	0.699	1.539
17.991	12.865	12.926	11.253	12.537	12.084	41.514	-7.319	34.531	27.665	0.101	0.706	1.980
18.048	12.860	12.938	11.283	12.649	12.065	41.525	-7.324	34.597	27.708	0.101	0.710	2.422
18.113	12.868	12.927	11.235	12.663	12.008	41.557	-7.315	34.611	27.679	0.101	0.714	2.859
18.116	12.874	12.943	11.301	12.756	11.982	41.546	-7.314	34.605	27.679	0.101	0.713	3.301
18.078	12.863	12.961	11.382	12.513	11.975	41.534	-7.333	34.624	27.665	0.101	0.710	3.742
18.065	12.852	12.914	11.283	12.429	11.937	41.572	-7.341	34.613	27.737	0.101	0.712	4.121
18.037	12.861	12.870	11.261	12.534	11.927	41.540	-7.324	34.586	27.679	0.101	0.712	4.559
18.039	12.855	12.922	11.340	12.581	11.911	41.560	-7.319	34.561	27.650	0.101	0.710	5.000
18.015	12.855	12.919	11.247	12.451	11.890	41.555	-7.319	34.633	27.694	0.101	0.709	5.441
17.956	12.851	12.878	11.266	12.739	11.862	41.563	-7.322	34.600	27.694	0.101	0.707	5.879
17.923	12.856	12.950	11.338	12.588	11.857	41.540	-7.338	34.564	27.650	0.101	0.702	6.320
17.934	12.878	12.954	11.336	12.626	11.860	41.531	-7.331	34.575	27.722	0.101	0.701	6.762
17.908	12.877	12.920	11.387	12.611	11.857	41.534	-7.327	34.600	27.766	0.101	0.701	7.199
17.890	12.873	12.928	11.344	12.634	11.829	41.546	-7.315	34.608	27.708	0.101	0.700	7.641
17.816	12.857	12.936	11.388	12.605	11.798	41.508	-7.296	34.594	27.665	0.101	0.695	8.082
17.838	12.871	12.936	11.347	12.717	11.791	41.540	-7.327	34.611	27.679	0.101	0.696	8.520
17.757	12.869	12.944	11.397	12.452	11.789	41.566	-7.303	34.602	27.722	0.101	0.691	8.961
17.717	12.856	12.939	11.527	12.783	11.806	41.540	-7.345	34.594	27.679	0.101	0.689	9.340
17.715	12.874	12.935	11.410	12.826	11.813	41.528	-7.340	34.597	27.737	0.101	0.688	9.781
17.661	12.880	13.014	11.631	12.742	11.804	41.540	-7.329	34.613	27.708	0.101	0.681	10.219
17.680	12.882	12.965	11.402	12.812	11.782	41.537	-7.315	34.594	27.679	0.101	0.684	10.660
17.728	12.879	12.919	11.385	12.895	11.760	41.546	-7.336	34.583	27.650	0.101	0.690	11.102
17.752	12.872	12.933	11.492	12.776	11.739	41.534	-7.353	34.594	27.694	0.101	0.691	11.539
17.777	12.871	12.933	11.421	12.517	11.647	41.537	-7.289	34.580	27.751	0.101	0.692	11.980
17.777	12.875	12.889	11.482	12.697	11.656	41.557	-7.293	34.611	27.694	0.101	0.694	12.422

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
18.026	12.961	13.023	11.483	12.768	12.110	61.119	-10.867	50.896	27.910	0.149	0.700	0.219
17.975	12.964	13.049	11.526	12.731	12.100	61.169	-10.925	50.904	27.939	0.150	0.696	0.652
17.905	12.959	13.031	11.448	12.833	12.085	61.134	-10.814	50.953	27.910	0.149	0.692	1.090
17.873	12.962	13.034	11.488	12.642	12.086	61.148	-10.940	50.893	27.953	0.150	0.690	1.531
17.849	12.971	13.062	11.498	12.742	12.085	61.180	-10.952	50.901	27.910	0.150	0.687	1.969
17.818	12.967	13.063	11.591	12.878	12.099	61.160	-10.947	50.874	27.982	0.150	0.685	2.410
17.783	12.967	13.046	11.615	12.929	12.080	61.134	-10.937	50.882	27.866	0.150	0.684	2.852
17.752	12.969	13.043	11.559	12.844	12.051	61.134	-10.862	50.871	27.953	0.149	0.682	3.289
17.831	12.966	13.074	11.575	12.717	12.054	61.128	-10.899	50.835	27.939	0.149	0.686	3.730
17.921	12.967	13.057	11.470	12.772	12.015	61.067	-10.905	50.846	27.895	0.149	0.692	4.172
17.975	12.961	13.011	11.425	12.776	11.965	61.105	-10.940	50.835	27.953	0.150	0.698	4.609
18.002	12.957	13.074	11.458	12.883	11.934	61.070	-10.916	50.821	27.953	0.149	0.697	4.992
18.015	12.950	13.006	11.549	12.705	11.902	61.075	-10.937	50.802	27.953	0.150	0.701	5.430
17.989	12.959	13.052	11.496	12.861	11.863	61.084	-10.893	50.830	27.953	0.149	0.697	5.871
17.971	12.957	13.012	11.448	12.714	11.851	61.084	-10.942	50.802	27.967	0.150	0.698	6.313
17.960	12.962	13.035	11.388	12.847	11.835	61.087	-10.926	50.821	27.996	0.150	0.696	6.750
17.921	12.962	13.019	11.483	12.644	11.833	61.093	-10.916	50.802	28.025	0.149	0.694	7.191
17.899	12.956	13.074	11.629	12.790	11.825	61.078	-10.947	50.816	27.996	0.150	0.690	7.629
17.914	12.970	13.046	11.539	12.968	11.797	61.107	-10.989	50.821	27.996	0.150	0.692	8.070
17.954	12.978	13.061	11.499	12.691	11.769	61.110	-10.951	50.799	27.967	0.150	0.693	8.512
17.964	12.956	13.029	11.448	12.763	11.749	61.090	-10.971	50.794	28.039	0.150	0.696	8.949
18.004	12.954	13.066	11.448	12.893	11.701	61.073	-10.918	50.794	28.025	0.149	0.697	9.391
18.069	12.971	13.034	11.379	12.568	11.656	61.084	-10.945	50.808	27.967	0.150	0.702	9.770
18.063	12.969	13.070	11.378	12.746	11.629	61.073	-10.928	50.794	27.996	0.150	0.700	10.211
18.065	12.959	13.034	11.406	12.790	11.578	61.093	-10.945	50.819	28.068	0.150	0.702	10.652
18.061	12.959	13.083	11.500	12.838	11.587	61.073	-10.876	50.799	28.025	0.149	0.700	11.090
18.019	12.963	13.091	11.546	12.724	11.571	61.081	-10.931	50.786	27.982	0.150	0.697	11.531
18.039	12.964	13.019	11.441	12.842	11.482	61.096	-10.956	50.799	28.068	0.150	0.701	11.969
18.006	12.972	13.050	11.373	12.920	11.529	61.081	-10.930	50.810	28.025	0.150	0.697	12.410

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.808	13.285	13.284	12.557	13.296	13.048	22.970	-3.573	19.644	27.075	0.052	0.505	0.223
15.815	13.272	13.295	12.579	13.343	13.032	22.979	-3.536	19.633	27.075	0.052	0.505	0.660
15.810	13.269	13.264	12.565	13.268	13.022	22.985	-3.555	19.630	27.060	0.052	0.507	1.102
15.819	13.279	13.259	12.572	13.303	13.011	22.988	-3.566	19.679	27.118	0.052	0.507	1.543
15.795	13.286	13.334	12.603	13.264	13.021	22.982	-3.576	19.627	27.103	0.052	0.501	1.980
15.797	13.277	13.270	12.584	13.184	13.024	22.990	-3.557	19.657	27.060	0.052	0.505	2.422
15.797	13.290	13.277	12.577	13.303	13.017	23.017	-3.538	19.660	27.175	0.052	0.504	2.801
15.793	13.278	13.303	12.633	13.397	13.004	23.011	-3.564	19.652	27.089	0.052	0.503	3.242
15.762	13.278	13.317	12.654	13.294	13.009	23.005	-3.555	19.663	27.161	0.052	0.499	3.680
15.747	13.282	13.294	12.613	13.313	12.997	23.022	-3.569	19.641	27.132	0.052	0.499	4.121
15.769	13.301	13.313	12.642	13.404	13.007	23.022	-3.561	19.655	27.147	0.052	0.498	4.563
15.732	13.300	13.324	12.614	13.297	13.009	23.034	-3.566	19.690	27.132	0.052	0.494	5.000
15.758	13.302	13.298	12.613	13.323	13.003	23.014	-3.569	19.641	27.075	0.052	0.498	5.441
15.747	13.309	13.306	12.607	13.250	12.991	23.049	-3.574	19.660	27.089	0.052	0.496	5.820
15.732	13.289	13.295	12.622	13.255	12.987	23.031	-3.569	19.679	27.161	0.052	0.497	6.262
15.749	13.300	13.298	12.589	13.195	12.983	23.063	-3.574	19.701	27.190	0.052	0.497	6.703
15.747	13.312	13.337	12.652	13.312	12.988	23.060	-3.578	19.690	27.175	0.052	0.494	7.141
15.743	13.305	13.331	12.635	13.334	12.972	23.052	-3.559	19.693	27.075	0.052	0.495	7.582
15.727	13.295	13.313	12.681	13.282	12.966	23.078	-3.578	19.718	27.089	0.052	0.495	8.023
15.745	13.305	13.315	12.623	13.359	12.965	23.052	-3.576	19.729	27.132	0.052	0.496	8.461
15.727	13.304	13.321	12.641	13.392	12.965	23.054	-3.566	19.688	27.161	0.052	0.494	8.902
15.714	13.293	13.308	12.635	13.296	12.954	23.060	-3.588	19.699	27.089	0.052	0.494	9.281
15.738	13.319	13.335	12.649	13.300	12.958	23.072	-3.574	19.712	27.175	0.052	0.493	9.723
15.740	13.317	13.376	12.685	13.360	12.954	23.075	-3.571	19.704	27.147	0.052	0.491	10.160
15.740	13.314	13.296	12.628	13.260	12.948	23.060	-3.574	19.729	27.132	0.052	0.496	10.602
15.732	13.313	13.325	12.644	13.374	12.945	23.086	-3.576	19.740	27.147	0.052	0.494	11.043
15.725	13.313	13.333	12.632	13.321	12.949	23.084	-3.580	19.740	27.175	0.052	0.492	11.480
15.740	13.317	13.326	12.638	13.320	12.933	23.081	-3.580	19.745	27.132	0.052	0.494	11.922
15.719	13.320	13.348	12.674	13.316	12.945	23.107	-3.583	19.726	27.175	0.052	0.491	12.363

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.867	13.389	13.404	13.342	13.468	13.029	60.976	-10.907	50.729	27.593	0.149	0.498	0.219
15.861	13.389	13.417	13.358	13.388	13.026	60.993	-10.964	50.699	27.578	0.150	0.496	0.660
15.861	13.394	13.431	13.377	13.452	13.029	60.967	-10.917	50.713	27.578	0.149	0.495	1.102
15.839	13.376	13.425	13.344	13.495	13.011	60.970	-10.877	50.716	27.578	0.149	0.495	1.539
15.850	13.370	13.410	13.300	13.431	13.002	60.967	-10.938	50.691	27.636	0.149	0.497	1.980
15.856	13.366	13.385	13.331	13.415	12.999	60.967	-10.933	50.707	27.578	0.149	0.499	2.418
15.887	13.373	13.412	13.310	13.422	12.980	60.944	-10.903	50.696	27.607	0.149	0.500	2.801
15.898	13.365	13.408	13.289	13.284	12.958	60.967	-10.879	50.729	27.665	0.149	0.502	3.238
15.891	13.356	13.405	13.352	13.405	12.955	60.984	-10.912	50.727	27.665	0.149	0.502	3.680
15.920	13.356	13.444	13.431	13.383	12.958	61.002	-10.960	50.721	27.564	0.150	0.502	4.121
15.896	13.357	13.374	13.298	13.364	12.943	61.013	-10.955	50.740	27.622	0.150	0.504	4.559
15.900	13.365	13.417	13.349	13.413	12.938	60.993	-10.865	50.762	27.665	0.149	0.501	5.000
15.889	13.354	13.396	13.281	13.401	12.932	60.970	-10.927	50.721	27.694	0.149	0.502	5.441
15.887	13.365	13.394	13.318	13.414	12.923	60.987	-10.926	50.732	27.607	0.149	0.502	5.879
15.867	13.384	13.403	13.299	13.286	12.925	60.990	-10.903	50.735	27.694	0.149	0.498	6.320
15.843	13.366	13.413	13.310	13.467	12.942	60.979	-10.933	50.738	27.679	0.149	0.496	6.758
15.876	13.394	13.447	13.388	13.421	12.942	60.996	-10.950	50.729	27.722	0.150	0.496	7.191
15.834	13.377	13.434	13.315	13.420	12.930	61.011	-10.910	50.754	27.694	0.149	0.494	7.578
15.867	13.389	13.427	13.330	13.429	12.926	61.016	-10.853	50.784	27.694	0.149	0.496	8.020
15.841	13.372	13.424	13.354	13.356	12.917	61.002	-10.941	50.732	27.650	0.150	0.495	8.461
15.885	13.372	13.392	13.335	13.372	12.906	60.993	-10.946	50.740	27.665	0.150	0.501	8.898
15.874	13.370	13.401	13.358	13.243	12.898	61.031	-10.945	50.760	27.679	0.150	0.500	9.340
15.863	13.367	13.403	13.315	13.331	12.892	61.031	-10.940	50.795	27.694	0.150	0.499	9.781
15.854	13.360	13.391	13.347	13.295	12.877	61.028	-10.929	50.784	27.694	0.149	0.499	10.219
15.878	13.367	13.389	13.270	13.428	12.867	61.025	-10.950	50.760	27.694	0.150	0.501	10.648
15.885	13.378	13.395	13.293	13.296	12.873	61.045	-10.957	50.771	27.708	0.150	0.501	11.090
15.869	13.366	13.402	13.329	13.429	12.882	61.005	-10.929	50.746	27.751	0.149	0.499	11.531
15.848	13.368	13.408	13.340	13.321	12.860	61.016	-10.908	50.765	27.708	0.149	0.497	11.969
15.854	13.380	13.399	13.307	13.499	12.889	61.025	-10.926	50.773	27.665	0.149	0.497	12.359

PAN66 08/18/94 Note: Same as PAN64 (Lost Data)

Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.854	13.335	13.383	12.730	13.384	13.020	40.997	-7.244	34.136	27.060	0.100	0.501	0.223
15.822	13.328	13.372	12.724	13.339	13.022	41.003	-7.237	34.147	26.988	0.100	0.499	0.660
15.837	13.338	13.353	12.791	13.455	13.021	41.003	-7.242	34.139	26.931	0.100	0.501	1.102
15.804	13.338	13.373	12.850	13.375	13.010	41.009	-7.251	34.147	27.017	0.100	0.496	1.543
15.782	13.335	13.364	12.822	13.357	13.020	41.003	-7.202	34.150	26.988	0.099	0.495	1.980
15.787	13.342	13.379	12.822	13.386	13.020	40.997	-7.233	34.084	27.003	0.100	0.494	2.422
15.800	13.364	13.402	12.814	13.493	13.025	41.003	-7.228	34.095	27.032	0.100	0.493	2.863
15.802	13.349	13.404	12.953	13.398	13.010	41.009	-7.256	34.098	27.003	0.100	0.494	3.301
15.824	13.337	13.355	12.777	13.442	13.000	40.985	-7.244	34.128	26.974	0.100	0.499	3.680
15.837	13.331	13.394	12.805	13.423	12.979	40.988	-7.249	34.122	26.960	0.100	0.499	4.121
15.839	13.328	13.351	12.767	13.371	12.965	40.985	-7.232	34.122	27.060	0.100	0.501	4.563
15.837	13.335	13.345	12.769	13.326	12.965	40.979	-7.207	34.142	27.017	0.099	0.501	5.000
15.835	13.327	13.358	12.734	13.414	12.958	40.988	-7.201	34.155	26.988	0.099	0.501	5.441
15.826	13.337	13.385	12.826	13.434	12.953	40.979	-7.223	34.125	26.988	0.100	0.498	5.883
15.824	13.348	13.392	12.795	13.319	12.954	40.997	-7.251	34.128	27.060	0.100	0.497	6.320
15.813	13.338	13.391	12.775	13.402	12.946	40.988	-7.220	34.131	27.060	0.100	0.496	6.762
15.828	13.331	13.361	12.799	13.373	12.946	40.997	-7.237	34.122	27.032	0.100	0.500	7.203
15.848	13.349	13.369	12.758	13.397	12.937	41.000	-7.240	34.133	27.089	0.100	0.500	7.641
15.861	13.334	13.369	12.784	13.258	12.916	40.997	-7.237	34.133	27.032	0.100	0.502	8.082
15.870	13.336	13.353	12.731	13.338	12.906	40.974	-7.239	34.109	27.003	0.100	0.504	8.523
15.843	13.327	13.339	12.728	13.386	12.894	40.994	-7.230	34.139	26.988	0.100	0.503	8.902
15.854	13.315	13.340	12.776	13.360	12.889	41.014	-7.221	34.136	27.046	0.100	0.504	9.340
15.872	13.333	13.368	12.749	13.195	12.887	40.977	-7.249	34.120	27.046	0.100	0.503	9.781
15.848	13.315	13.372	12.758	13.392	12.877	41.006	-7.207	34.100	27.089	0.099	0.502	10.223
15.843	13.335	13.357	12.832	13.413	12.882	41.000	-7.246	34.111	27.046	0.100	0.501	10.660
15.832	13.335	13.333	12.729	13.353	12.883	40.988	-7.216	34.142	27.103	0.100	0.501	11.102
15.826	13.346	13.370	12.715	13.308	12.888	40.985	-7.247	34.142	27.032	0.100	0.498	11.543
15.800	13.340	13.373	12.748	13.445	12.870	40.994	-7.266	34.117	26.960	0.100	0.496	11.980
15.826	13.340	13.374	12.812	13.363	12.893	40.997	-7.225	34.111	27.060	0.100	0.498	12.422

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
20.934	13.690	13.809	12.895	13.984	12.785	21.974	-3.664	18.500	24.592	0.052	0.799	0.270
20.888	13.666	13.790	12.825	13.597	12.721	21.988	-3.652	18.489	24.564	0.052	0.798	0.711
20.840	13.647	13.760	12.760	13.506	12.650	21.971	-3.678	18.509	24.592	0.052	0.798	1.152
20.805	13.628	13.724	12.737	13.618	12.584	21.962	-3.690	18.489	24.592	0.052	0.798	1.590
20.755	13.603	13.707	12.783	13.562	12.527	21.962	-3.676	18.514	24.650	0.052	0.797	2.031
20.718	13.583	13.689	12.851	13.474	12.512	21.983	-3.701	18.500	24.607	0.052	0.797	2.410
20.694	13.557	13.667	12.791	13.627	12.394	21.886	-3.654	18.426	24.592	0.052	0.797	2.852
20.652	13.529	13.632	12.798	13.495	12.320	21.799	-3.645	18.346	24.464	0.052	0.798	3.289
20.600	13.519	13.608	12.669	13.530	12.285	21.776	-3.654	18.333	24.564	0.052	0.796	3.730
20.556	13.497	13.584	12.700	13.495	12.213	21.779	-3.659	18.289	24.592	0.052	0.796	4.172
20.495	13.473	13.561	12.641	13.274	12.148	21.764	-3.663	18.311	24.592	0.052	0.795	4.609
20.484	13.451	13.546	12.624	13.406	12.080	21.674	-3.637	18.278	24.578	0.051	0.795	5.051
20.458	13.435	13.533	12.506	13.362	12.016	21.651	-3.619	18.220	24.550	0.051	0.795	5.492
20.431	13.425	13.527	12.602	13.458	11.933	21.668	-3.630	18.231	24.564	0.051	0.795	5.930
20.473	13.440	13.546	12.647	13.641	11.888	21.625	-3.600	18.223	24.592	0.051	0.795	6.371
20.567	13.474	13.582	12.643	13.462	11.847	21.564	-3.592	18.198	24.607	0.051	0.797	6.813
20.604	13.502	13.618	12.682	13.482	11.824	21.598	-3.588	18.225	24.635	0.051	0.797	7.250
20.639	13.526	13.638	12.646	13.365	11.748	21.636	-3.576	18.231	24.592	0.051	0.797	7.633
20.654	13.535	13.649	12.716	13.481	11.678	21.633	-3.586	18.239	24.578	0.051	0.797	8.070
20.692	13.551	13.664	12.752	13.635	11.618	21.651	-3.576	18.253	24.664	0.051	0.797	8.512
20.709	13.555	13.675	12.731	13.633	11.562	21.601	-3.562	18.253	24.621	0.051	0.798	8.949
20.735	13.563	13.684	12.824	13.692	11.499	21.628	-3.583	18.280	24.564	0.051	0.798	9.391
20.738	13.584	13.703	12.821	13.563	11.451	21.633	-3.576	18.261	24.621	0.051	0.797	9.832
20.790	13.599	13.717	12.784	13.693	11.393	21.651	-3.571	18.291	24.664	0.051	0.799	10.270
20.829	13.629	13.757	12.860	13.431	11.348	21.686	-3.573	18.319	24.650	0.051	0.798	10.711
20.923	13.665	13.807	12.973	13.840	11.334	21.686	-3.550	18.346	24.678	0.051	0.799	11.152
21.020	13.715	13.844	12.932	13.682	11.288	21.697	-3.545	18.379	24.578	0.051	0.801	11.590
21.079	13.744	13.876	13.078	13.945	11.008	21.709	-3.541	18.396	24.678	0.051	0.801	12.031
21.112	13.770	13.898	13.066	13.685	10.809	21.735	-3.548	18.399	24.621	0.051	0.801	12.473

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
21.771	14.202	14.376	13.458	14.206	13.218	38.585	-7.700	31.278	24.965	0.100	0.800	0.211
21.811	14.225	14.403	13.642	14.298	13.204	38.571	-7.705	31.289	24.979	0.100	0.800	0.652
21.833	14.239	14.400	13.705	14.192	13.176	38.562	-7.709	31.289	24.893	0.100	0.800	1.039
21.791	14.238	14.397	13.650	14.327	13.136	38.577	-7.712	31.280	24.979	0.100	0.798	1.480
21.795	14.230	14.388	13.629	14.246	13.098	38.577	-7.724	31.283	24.936	0.101	0.799	1.922
21.771	14.226	14.371	13.658	14.339	13.075	38.577	-7.714	31.275	24.965	0.100	0.799	2.301
21.745	14.215	14.357	13.610	14.435	12.997	38.588	-7.714	31.280	24.965	0.100	0.799	2.742
21.752	14.216	14.375	13.585	14.312	12.937	38.591	-7.719	31.280	24.993	0.101	0.798	3.180
21.811	14.229	14.390	13.649	14.344	12.920	38.542	-7.699	31.275	24.979	0.100	0.800	3.570
21.817	14.251	14.418	13.757	14.485	12.898	38.524	-7.700	31.245	24.936	0.100	0.798	4.000
21.922	14.292	14.461	13.744	14.387	12.879	38.515	-7.709	31.220	24.893	0.100	0.800	4.441
21.966	14.318	14.484	13.700	14.548	12.856	38.518	-7.718	31.250	24.936	0.100	0.801	4.883
22.010	14.347	14.519	13.723	14.332	12.841	38.507	-7.679	31.225	24.965	0.100	0.800	5.270
22.038	14.365	14.534	13.836	14.587	12.779	38.492	-7.693	31.214	24.950	0.100	0.801	5.711
22.051	14.371	14.536	13.819	14.553	12.731	38.481	-7.659	31.209	24.965	0.100	0.801	6.152
22.025	14.365	14.526	13.762	14.403	12.663	38.454	-7.721	31.195	24.893	0.100	0.800	6.531
22.027	14.362	14.518	13.753	14.526	12.597	38.437	-7.695	31.170	24.950	0.100	0.801	6.973
21.986	14.348	14.499	13.723	14.357	12.482	38.463	-7.692	31.165	24.979	0.100	0.800	7.410
21.970	14.328	14.495	13.747	14.318	12.372	38.440	-7.655	31.181	24.950	0.100	0.800	7.789
21.900	14.314	14.466	13.556	14.375	12.271	38.463	-7.681	31.170	24.950	0.100	0.798	8.230
21.898	14.302	14.455	13.705	14.359	12.187	38.451	-7.709	31.159	24.965	0.100	0.799	8.672
21.889	14.289	14.447	13.718	14.567	12.097	38.460	-7.695	31.135	24.979	0.100	0.799	9.109
21.876	14.285	14.443	13.558	14.161	12.026	38.457	-7.714	31.154	24.965	0.100	0.799	9.500
21.885	14.281	14.451	13.619	14.374	11.949	38.454	-7.709	31.143	24.979	0.100	0.799	9.941
21.927	14.295	14.465	13.685	14.484	11.881	38.460	-7.704	31.157	24.979	0.100	0.800	10.383
21.964	14.319	14.493	13.611	14.431	11.848	38.466	-7.735	31.157	24.993	0.101	0.800	10.762
21.992	14.335	14.506	13.787	14.570	11.775	38.466	-7.705	31.157	24.965	0.100	0.800	11.199
22.005	14.351	14.525	13.853	14.384	11.485	38.478	-7.724	31.187	25.008	0.100	0.800	11.641
22.016	14.356	14.521	13.710	14.236	11.238	38.489	-7.724	31.168	24.965	0.100	0.800	12.020

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
23.785	15.491	15.740	14.409	15.700	14.409	55.515	-11.915	44.200	25.309	0.150	0.799	0.270
23.873	15.561	15.790	14.486	15.821	14.432	55.486	-11.941	44.211	25.380	0.150	0.799	0.660
23.877	15.593	15.800	14.567	15.476	14.414	55.478	-11.939	44.186	25.380	0.150	0.798	1.102
23.868	15.582	15.790	14.490	15.796	14.367	55.437	-11.908	44.169	25.380	0.150	0.798	1.539
23.838	15.570	15.768	14.541	15.615	14.326	55.425	-11.922	44.172	25.366	0.150	0.798	1.918
23.787	15.556	15.733	14.379	15.570	14.291	55.425	-11.905	44.147	25.337	0.150	0.797	2.359
23.770	15.544	15.716	14.442	15.615	14.183	55.422	-11.898	44.125	25.395	0.150	0.798	2.738
23.731	15.523	15.696	14.172	15.683	14.106	55.396	-11.882	44.128	25.366	0.150	0.797	3.180
23.744	15.523	15.708	14.328	15.913	14.077	55.396	-11.919	44.131	25.423	0.150	0.797	3.621
23.857	15.566	15.785	14.536	15.661	14.064	55.384	-11.900	44.117	25.466	0.150	0.798	4.012
24.035	15.668	15.891	14.574	15.920	14.085	55.379	-11.917	44.092	25.438	0.150	0.799	4.449
24.181	15.755	15.992	14.629	15.897	14.101	55.382	-11.922	44.084	25.395	0.150	0.799	4.891
24.210	15.806	16.012	14.549	16.279	14.092	55.364	-11.922	44.117	25.409	0.150	0.798	5.328
24.247	15.812	16.020	14.737	15.993	14.023	55.384	-11.905	44.117	25.366	0.150	0.799	5.711
24.223	15.812	16.008	14.676	16.048	13.968	55.355	-11.948	44.101	25.409	0.150	0.799	6.148
24.194	15.804	15.997	14.644	16.101	13.882	55.349	-11.901	44.084	25.423	0.150	0.798	6.590
24.203	15.803	15.999	14.772	16.219	13.814	55.338	-11.870	44.073	25.395	0.150	0.799	7.031
24.186	15.800	15.995	14.325	15.859	13.702	55.370	-11.931	44.081	25.524	0.150	0.798	7.410
24.186	15.799	15.992	14.627	16.095	13.586	55.361	-11.900	44.068	25.380	0.150	0.798	7.852
24.188	15.804	16.003	14.683	16.047	13.504	55.338	-11.926	44.051	25.466	0.150	0.798	8.289
24.157	15.806	15.992	14.550	16.248	13.409	55.320	-11.907	44.043	25.409	0.150	0.797	8.730
24.273	15.837	16.043	14.762	16.055	13.355	55.344	-11.926	44.032	25.481	0.150	0.799	9.121
24.365	15.891	16.101	14.687	16.267	13.326	55.338	-11.905	44.059	25.366	0.150	0.799	9.559
24.466	15.956	16.171	14.658	16.196	13.288	55.326	-11.927	44.037	25.495	0.150	0.799	9.988
24.592	16.036	16.247	14.811	16.379	13.279	55.320	-11.889	44.048	25.495	0.150	0.799	10.379
24.682	16.099	16.303	14.758	16.209	13.283	55.315	-11.896	44.057	25.466	0.150	0.799	10.820
24.743	16.135	16.325	14.691	16.759	13.224	55.315	-11.913	44.013	25.481	0.150	0.800	11.262
24.735	16.150	16.333	14.821	16.096	12.886	55.280	-11.934	44.004	25.466	0.150	0.799	11.699
24.726	16.141	16.317	14.945	16.371	12.636	55.326	-11.946	44.013	25.495	0.150	0.799	12.078

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
28.162	18.540	18.640	15.681	18.778	17.033	67.694	-17.046	56.733	24.192	0.201	0.794	0.219
27.919	18.483	18.465	15.567	18.952	16.939	67.694	-16.932	56.771	24.163	0.200	0.791	0.660
27.604	18.316	18.261	15.333	18.618	16.748	67.694	-17.126	56.818	24.092	0.201	0.790	1.039
27.322	18.133	18.101	15.195	18.659	16.517	67.694	-17.126	56.823	24.149	0.201	0.789	1.477
27.156	18.011	18.002	15.124	18.364	16.370	67.694	-17.234	56.821	24.106	0.202	0.789	1.918
27.173	17.973	18.022	15.193	18.296	16.326	67.694	-17.017	56.920	24.149	0.200	0.790	2.309
27.530	18.148	18.240	15.378	18.782	16.330	67.694	-17.000	56.920	24.063	0.200	0.792	2.750
27.886	18.383	18.465	15.646	18.841	16.422	67.694	-16.917	56.887	24.149	0.200	0.793	3.188
28.070	18.530	18.577	15.641	18.596	16.538	67.694	-17.069	56.895	24.077	0.201	0.792	3.570
28.175	18.627	18.640	15.661	19.284	16.570	67.694	-17.062	56.840	24.106	0.201	0.792	4.008
28.348	18.748	18.760	15.880	18.990	16.601	67.694	-17.192	56.900	24.192	0.202	0.791	4.449
28.503	18.855	18.844	15.881	19.241	16.614	67.694	-17.045	56.983	24.206	0.201	0.792	4.828
28.665	18.972	18.938	16.034	19.677	16.636	67.694	-17.027	56.997	24.135	0.200	0.792	5.270
28.798	19.070	19.045	16.081	19.625	16.608	67.694	-17.015	57.030	24.106	0.200	0.791	5.707
28.908	19.152	19.097	16.173	19.400	16.610	67.694	-16.946	57.027	24.077	0.200	0.791	6.098
28.971	19.206	19.152	16.112	19.684	16.549	67.694	-16.949	56.961	24.092	0.200	0.791	6.539
29.076	19.286	19.215	16.272	19.421	16.538	67.694	-16.995	56.977	24.077	0.200	0.791	6.977
29.146	19.362	19.251	16.185	19.796	16.439	67.694	-16.970	57.005	24.149	0.200	0.790	7.418
29.201	19.403	19.299	16.361	19.727	16.336	67.694	-17.003	56.909	24.020	0.200	0.790	7.797
29.249	19.460	19.325	16.334	19.933	16.260	67.694	-17.012	56.977	24.049	0.200	0.789	8.238
29.313	19.507	19.374	16.423	19.821	16.196	67.694	-17.041	57.024	24.077	0.201	0.789	8.680
29.387	19.561	19.422	16.366	19.742	16.132	44.376	3.953	56.997	24.063	0.071	0.789	9.117
29.599	19.670	19.551	16.526	20.134	16.127	14.327	8.401	56.977	24.163	0.050	0.790	9.500
29.811	19.799	19.686	16.625	19.736	16.137	14.281	8.449	56.944	24.178	0.050	0.790	9.938
30.065	19.950	19.842	16.681	19.812	16.184	14.301	8.564	57.005	24.077	0.050	0.791	10.379
30.301	20.099	19.992	16.997	20.476	16.257	14.284	8.427	56.944	24.077	0.050	0.791	10.770
30.463	20.220	20.084	17.072	20.694	16.284	14.261	8.477	57.035	24.135	0.050	0.792	11.207
30.553	20.305	20.162	17.083	20.459	15.857	14.287	8.588	57.129	24.120	0.050	0.790	11.590
30.605	20.341	20.178	17.052	20.460	15.698	14.261	8.629	57.126	24.077	0.050	0.791	12.027

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
21.497	13.941	14.090	13.278	13.996	13.074	21.217	-3.509	18.086	20.217	0.050	0.806	0.219
21.467	13.938	14.073	13.288	14.246	13.039	21.219	-3.502	18.086	20.217	0.050	0.806	0.660
21.416	13.919	14.051	13.257	14.115	12.985	21.211	-3.472	18.059	20.245	0.050	0.805	1.102
21.388	13.894	14.019	13.142	13.740	12.916	21.182	-3.469	18.059	20.245	0.049	0.805	1.539
21.331	13.872	14.001	13.183	13.874	12.854	21.202	-3.458	18.064	20.288	0.049	0.804	1.980
21.283	13.851	13.972	13.024	13.927	12.823	21.167	-3.453	18.031	20.231	0.049	0.804	2.418
21.246	13.831	13.955	13.104	13.963	12.714	21.158	-3.434	18.023	20.231	0.049	0.803	2.859
21.259	13.825	13.965	13.164	13.852	12.646	21.144	-3.443	18.001	20.273	0.049	0.804	3.301
21.300	13.836	13.984	13.159	13.951	12.638	21.167	-3.452	18.018	20.330	0.049	0.805	3.738
21.331	13.862	14.004	13.185	14.005	12.615	21.182	-3.450	18.015	20.344	0.049	0.804	4.180
21.355	13.877	14.019	13.206	14.058	12.587	21.179	-3.458	18.048	20.415	0.049	0.804	4.621
21.349	13.885	14.014	13.193	13.846	12.536	21.190	-3.472	18.059	20.444	0.050	0.804	5.059
21.342	13.874	14.006	13.195	13.947	12.493	21.243	-3.509	18.089	20.458	0.050	0.804	5.441
21.294	13.858	13.973	13.197	14.150	12.397	21.266	-3.536	18.086	20.501	0.050	0.804	5.879
21.263	13.838	13.962	13.071	14.008	12.324	21.269	-3.557	18.084	20.415	0.050	0.804	6.320
21.211	13.813	13.937	13.116	14.189	12.230	21.327	-3.554	18.086	20.472	0.050	0.803	6.762
21.165	13.794	13.911	13.088	13.836	12.155	21.275	-3.557	18.086	20.486	0.050	0.802	7.199
21.121	13.774	13.896	13.107	13.797	12.032	21.295	-3.555	18.053	20.501	0.050	0.802	7.641
21.088	13.757	13.876	12.911	13.655	11.914	21.292	-3.549	18.048	20.643	0.050	0.801	8.078
21.027	13.733	13.847	13.023	13.760	11.821	21.278	-3.540	18.051	20.501	0.050	0.800	8.520
20.985	13.707	13.822	13.026	13.754	11.719	21.263	-3.536	18.053	20.600	0.050	0.800	8.961
20.959	13.691	13.801	12.970	13.756	11.637	21.269	-3.528	18.004	20.472	0.050	0.800	9.391
20.909	13.671	13.781	12.899	13.698	11.556	21.251	-3.514	18.009	20.515	0.050	0.799	9.828
20.859	13.643	13.756	12.847	13.808	11.454	21.266	-3.531	18.020	20.515	0.050	0.799	10.270
20.832	13.624	13.735	12.942	13.686	11.372	21.251	-3.521	17.982	20.543	0.050	0.799	10.711
20.769	13.604	13.701	12.921	13.668	11.310	21.272	-3.519	17.990	20.557	0.050	0.798	11.148
20.754	13.582	13.691	12.730	13.482	11.205	21.231	-3.505	17.954	20.614	0.050	0.798	11.539
20.695	13.558	13.666	12.744	13.453	10.917	21.251	-3.531	17.949	20.600	0.050	0.797	11.980
20.633	13.532	13.633	12.747	13.478	10.652	21.240	-3.512	17.946	20.628	0.050	0.797	12.418

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
21.711	14.154	14.331	13.644	14.437	13.165	36.488	-8.056	29.376	19.238	0.100	0.800	0.223
21.749	14.176	14.353	13.613	14.274	13.156	36.479	-8.035	29.371	19.167	0.100	0.800	0.660
21.729	14.180	14.335	13.611	14.354	13.132	36.467	-8.039	29.407	19.153	0.100	0.800	1.102
21.707	14.169	14.319	13.483	14.297	13.086	36.473	-8.047	29.404	19.210	0.100	0.800	1.492
21.670	14.159	14.308	13.599	14.363	13.033	36.491	-8.059	29.407	19.210	0.100	0.799	1.930
21.663	14.148	14.307	13.534	14.381	13.007	36.482	-8.040	29.401	19.224	0.100	0.799	2.371
21.644	14.139	14.281	13.483	14.113	12.920	36.497	-8.058	29.396	19.323	0.100	0.799	2.801
21.617	14.131	14.286	13.513	14.347	12.865	36.497	-8.058	29.393	19.295	0.100	0.798	3.191
21.650	14.132	14.278	13.536	14.366	12.841	36.476	-8.044	29.390	19.337	0.100	0.800	3.633
21.626	14.138	14.291	13.553	14.428	12.799	36.465	-8.049	29.360	19.337	0.100	0.798	4.070
21.681	14.157	14.312	13.520	14.567	12.764	36.476	-8.056	29.385	19.380	0.100	0.799	4.512
21.725	14.169	14.335	13.584	14.376	12.729	36.476	-8.040	29.390	19.465	0.100	0.800	4.891
21.740	14.190	14.344	13.527	14.704	12.694	36.476	-8.030	29.393	19.465	0.100	0.800	5.332
21.779	14.196	14.354	13.570	14.405	12.632	36.470	-8.039	29.385	19.592	0.100	0.801	5.770
21.786	14.210	14.368	13.641	14.401	12.588	36.485	-8.042	29.376	19.720	0.100	0.800	6.160
21.836	14.230	14.397	13.673	14.622	12.535	36.485	-8.033	29.398	19.848	0.100	0.801	6.590
21.851	14.244	14.417	13.713	14.582	12.496	36.485	-8.023	29.404	19.805	0.100	0.800	7.031
21.891	14.275	14.433	13.760	14.124	12.421	36.505	-8.044	29.376	19.805	0.100	0.800	7.422
21.952	14.299	14.470	13.653	14.539	12.344	36.494	-8.049	29.390	19.904	0.100	0.801	7.859
21.961	14.312	14.474	13.751	14.667	12.279	36.508	-8.049	29.363	19.961	0.100	0.801	8.301
21.981	14.315	14.479	13.769	14.605	12.212	36.497	-8.056	29.407	19.791	0.100	0.802	8.742
22.013	14.337	14.496	13.750	14.456	12.153	36.502	-8.046	29.379	19.933	0.100	0.802	9.121
22.007	14.341	14.510	13.654	14.674	12.096	36.491	-8.039	29.393	19.833	0.100	0.801	9.563
21.996	14.338	14.504	13.660	14.492	12.020	36.491	-8.042	29.357	20.004	0.100	0.801	10.000
21.965	14.323	14.477	13.817	14.466	11.951	36.494	-8.027	29.393	19.918	0.100	0.801	10.383
21.928	14.305	14.452	13.817	14.406	11.879	36.476	-8.020	29.346	19.989	0.100	0.800	10.820
21.871	14.279	14.443	13.720	14.565	11.774	36.473	-8.006	29.368	20.117	0.100	0.799	11.262
21.841	14.256	14.398	13.701	14.288	11.464	36.467	-8.032	29.352	20.032	0.100	0.800	11.699
21.786	14.228	14.368	13.673	14.417	11.171	36.476	-8.014	29.352	20.032	0.100	0.800	12.090

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
22.316	14.600	14.785	13.915	14.770	13.530	53.226	-12.213	42.603	21.496	0.150	0.796	0.223
22.299	14.596	14.772	13.956	14.807	13.497	53.191	-12.208	42.600	21.538	0.150	0.796	0.660
22.255	14.587	14.776	13.851	14.960	13.453	53.197	-12.191	42.611	21.610	0.149	0.794	1.102
22.301	14.602	14.800	13.998	14.679	13.417	53.182	-12.192	42.597	21.610	0.149	0.795	1.543
22.412	14.645	14.840	13.961	14.799	13.403	53.203	-12.187	42.597	21.638	0.149	0.797	1.922
22.465	14.680	14.881	13.904	14.909	13.429	53.185	-12.185	42.608	21.695	0.149	0.797	2.363
22.493	14.718	14.903	13.948	14.885	13.390	53.209	-12.194	42.594	21.652	0.150	0.796	2.801
22.612	14.768	14.974	14.049	14.810	13.385	53.206	-12.187	42.583	21.780	0.149	0.797	3.191
22.745	14.846	15.065	14.150	15.092	13.430	53.223	-12.215	42.589	21.752	0.150	0.798	3.621
22.898	14.926	15.160	14.485	15.158	13.466	53.249	-12.222	42.611	21.780	0.150	0.799	4.063
23.077	15.036	15.266	14.452	15.482	13.509	53.232	-12.199	42.614	21.766	0.150	0.799	4.453
23.152	15.100	15.304	14.463	15.370	13.509	53.226	-12.191	42.600	21.852	0.150	0.799	4.891
23.143	15.117	15.312	14.447	15.670	13.488	53.232	-12.210	42.581	21.937	0.150	0.798	5.332
23.145	15.114	15.302	14.393	15.526	13.417	53.226	-12.180	42.594	22.051	0.149	0.798	5.711
23.152	15.117	15.294	14.573	15.239	13.362	53.220	-12.199	42.570	22.136	0.150	0.799	6.152
23.185	15.139	15.331	14.514	15.510	13.298	53.212	-12.189	42.603	22.108	0.149	0.798	6.543
23.246	15.171	15.355	14.443	15.409	13.266	53.232	-12.198	42.608	22.136	0.150	0.799	6.980
23.279	15.197	15.387	14.482	15.198	13.179	53.235	-12.199	42.622	22.108	0.150	0.799	7.410
23.298	15.216	15.407	14.496	15.453	13.097	53.220	-12.198	42.608	22.065	0.150	0.798	7.801
23.327	15.220	15.416	14.529	15.497	13.012	53.220	-12.208	42.597	22.051	0.150	0.799	8.242
23.307	15.222	15.407	14.487	15.594	12.935	53.226	-12.198	42.633	22.094	0.150	0.798	8.680
23.307	15.220	15.394	14.464	15.294	12.859	53.220	-12.184	42.567	22.065	0.149	0.799	9.063
23.307	15.217	15.400	14.375	15.468	12.790	53.235	-12.187	42.586	22.108	0.149	0.799	9.500
23.333	15.243	15.432	14.439	15.496	12.729	53.238	-12.192	42.589	22.079	0.150	0.798	9.941
23.403	15.272	15.456	14.554	15.614	12.684	53.232	-12.184	42.578	22.151	0.149	0.799	10.332
23.445	15.296	15.494	14.625	15.663	12.654	53.226	-12.187	42.578	22.279	0.149	0.799	10.770
23.467	15.317	15.493	14.570	15.413	12.572	53.229	-12.192	42.589	22.250	0.150	0.799	11.203
23.462	15.321	15.503	14.656	15.689	12.254	53.238	-12.187	42.561	22.322	0.149	0.799	11.590
23.473	15.327	15.502	14.697	15.280	11.998	53.206	-12.166	42.578	22.507	0.149	0.799	12.031

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.510	12.766	12.787	12.163	12.646	12.230	19.995	-3.686	16.821	17.399	0.050	0.686	0.219
17.468	12.756	12.787	12.194	12.695	12.225	20.012	-3.701	16.818	17.413	0.050	0.684	0.660
17.490	12.777	12.807	12.205	12.966	12.223	20.015	-3.710	16.835	17.427	0.050	0.684	1.102
17.521	12.772	12.781	12.226	12.709	12.194	20.030	-3.719	16.802	17.455	0.050	0.687	1.539
17.615	12.763	12.803	12.085	12.772	12.164	20.041	-3.722	16.821	17.498	0.050	0.693	1.930
17.702	12.752	12.763	12.131	12.639	12.162	20.038	-3.726	16.799	17.540	0.050	0.700	2.371
17.729	12.754	12.829	12.134	12.716	12.087	20.033	-3.732	16.824	17.724	0.050	0.699	2.809
17.781	12.743	12.800	12.071	12.714	12.042	20.038	-3.739	16.835	17.724	0.050	0.704	3.238
17.757	12.754	12.781	12.079	12.743	12.039	20.094	-3.758	16.816	17.752	0.050	0.703	3.680
17.761	12.749	12.811	12.080	12.743	12.035	20.047	-3.755	16.887	17.724	0.050	0.702	4.121
17.729	12.756	12.780	12.171	12.731	12.027	20.088	-3.762	16.879	17.766	0.051	0.701	4.559
17.720	12.731	12.764	12.089	12.720	11.995	20.079	-3.772	16.827	17.893	0.051	0.702	4.949
17.709	12.730	12.769	12.127	12.693	11.974	20.088	-3.750	16.860	17.950	0.050	0.702	5.391
17.672	12.749	12.769	12.153	12.642	11.944	20.059	-3.772	16.835	17.978	0.051	0.698	5.828
17.672	12.733	12.752	12.160	12.774	11.926	20.079	-3.764	16.832	18.006	0.051	0.700	6.270
17.659	12.743	12.775	12.150	12.755	11.915	20.085	-3.772	16.865	17.978	0.051	0.697	6.711
17.678	12.738	12.773	12.108	12.950	11.911	20.091	-3.776	16.846	18.049	0.051	0.699	7.141
17.665	12.744	12.773	12.070	12.825	11.875	20.108	-3.786	16.873	18.162	0.051	0.698	7.531
17.670	12.751	12.816	12.040	12.774	11.857	20.082	-3.781	16.838	18.247	0.051	0.696	7.969
17.654	12.735	12.797	12.141	12.623	11.828	20.102	-3.793	16.846	18.275	0.051	0.697	8.410
17.646	12.741	12.783	12.060	12.775	11.817	20.097	-3.790	16.827	18.289	0.051	0.696	8.852
17.670	12.743	12.757	12.097	12.883	11.795	20.111	-3.779	16.868	18.247	0.051	0.699	9.289
17.698	12.760	12.779	12.179	12.614	11.792	20.132	-3.793	16.876	18.289	0.051	0.699	9.730
17.694	12.743	12.805	12.226	12.696	11.769	20.120	-3.788	16.879	18.388	0.051	0.698	10.168
17.716	12.736	12.727	12.040	12.883	11.730	20.111	-3.781	16.851	18.501	0.051	0.703	10.602
17.707	12.744	12.786	12.110	12.653	11.714	20.117	-3.788	16.862	18.586	0.051	0.700	10.988
17.716	12.744	12.767	12.083	12.633	11.693	20.111	-3.786	16.879	18.544	0.051	0.701	11.430
17.705	12.751	12.810	12.162	12.545	11.601	20.135	-3.795	16.871	18.586	0.051	0.699	11.871
17.720	12.743	12.773	12.078	12.765	11.631	20.111	-3.817	16.890	18.685	0.051	0.701	12.309

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
17.996	12.816	12.871	12.119	12.751	12.085	37.185	-7.933	29.716	23.420	0.100	0.711	0.219
17.974	12.828	12.856	12.144	12.841	12.068	37.199	-7.928	29.705	23.434	0.100	0.710	0.660
17.948	12.833	12.861	12.099	12.616	12.066	37.182	-7.924	29.677	23.434	0.100	0.708	1.102
17.906	12.831	12.875	12.259	12.612	12.052	37.191	-7.923	29.705	23.463	0.100	0.705	1.539
17.889	12.815	12.806	12.037	12.655	12.032	37.193	-7.911	29.688	23.463	0.100	0.707	1.980
17.871	12.844	12.834	12.070	12.726	12.060	37.191	-7.905	29.699	23.477	0.100	0.704	2.418
17.884	12.838	12.902	12.089	12.738	12.017	37.185	-7.923	29.674	23.563	0.100	0.702	2.801
17.893	12.834	12.858	12.149	12.814	11.988	37.179	-7.890	29.691	23.563	0.100	0.705	3.238
17.893	12.817	12.853	12.135	12.636	11.992	37.188	-7.926	29.699	23.563	0.100	0.706	3.680
17.895	12.833	12.883	12.180	12.715	11.969	37.188	-7.862	29.740	23.534	0.100	0.704	4.121
17.906	12.830	12.862	12.042	12.794	11.956	37.167	-7.928	29.680	23.606	0.100	0.705	4.559
17.858	12.835	12.847	11.994	12.643	11.927	37.188	-7.928	29.699	23.520	0.100	0.703	5.000
17.849	12.813	12.836	12.196	12.762	11.918	37.185	-7.918	29.688	23.577	0.100	0.704	5.441
17.828	12.816	12.844	12.176	12.707	11.887	37.193	-7.944	29.680	23.563	0.100	0.702	5.879
17.832	12.850	12.880	12.180	12.708	11.870	37.185	-7.921	29.702	23.534	0.100	0.699	6.320
17.830	12.838	12.858	12.105	12.587	11.851	37.179	-7.928	29.666	23.577	0.100	0.701	6.758
17.801	12.829	12.873	12.170	12.754	11.846	37.199	-7.938	29.666	23.577	0.100	0.698	7.199
17.812	12.805	12.881	12.180	12.730	11.801	37.185	-7.950	29.677	23.563	0.101	0.700	7.578
17.834	12.825	12.850	12.140	12.642	11.790	37.185	-7.937	29.669	23.620	0.100	0.702	8.020
17.828	12.812	12.877	12.246	12.752	11.769	37.185	-7.940	29.680	23.677	0.100	0.701	8.461
17.803	12.810	12.848	12.126	12.693	11.745	37.191	-7.940	29.666	23.620	0.100	0.701	8.898
17.799	12.802	12.846	12.216	12.637	11.725	37.182	-7.859	29.705	23.663	0.100	0.701	9.340
17.876	12.826	12.851	12.210	12.713	11.705	37.205	-7.942	29.672	23.691	0.100	0.704	9.781
17.860	12.817	12.840	12.091	12.729	11.671	37.196	-7.924	29.669	23.606	0.100	0.704	10.219
17.869	12.815	12.857	12.070	12.671	11.645	37.196	-7.931	29.663	23.734	0.100	0.704	10.660
17.876	12.832	12.864	12.159	12.865	11.642	37.191	-7.940	29.685	23.749	0.100	0.703	11.102
17.860	12.817	12.862	12.130	12.730	11.618	37.199	-7.938	29.683	23.763	0.100	0.703	11.539
17.847	12.833	12.836	12.138	12.690	11.552	37.196	-7.924	29.683	23.749	0.100	0.703	11.918
17.823	12.817	12.881	12.147	12.698	11.567	37.193	-7.949	29.688	23.792	0.101	0.700	12.359

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
18.248	12.914	12.949	11.813	12.729	12.085	54.486	-11.840	43.273	24.693	0.149	0.719	0.219
18.220	12.927	13.069	11.935	12.824	12.063	54.498	-11.789	43.328	24.693	0.148	0.712	0.660
18.200	12.919	12.963	11.960	12.676	12.038	54.506	-11.840	43.317	24.721	0.149	0.715	1.098
18.132	12.913	12.983	11.867	12.841	12.025	54.495	-11.809	43.322	24.736	0.148	0.711	1.539
18.124	12.891	12.964	11.946	12.687	12.001	54.524	-11.912	43.328	24.779	0.149	0.712	1.977
18.067	12.897	12.973	11.906	12.665	12.017	54.632	-11.798	43.432	24.822	0.148	0.708	2.418
18.043	12.906	12.975	11.855	12.719	11.978	54.716	-11.932	43.471	24.822	0.150	0.706	2.859
18.021	12.898	12.925	11.864	12.869	11.957	54.812	-11.932	43.531	24.850	0.150	0.707	3.297
18.027	12.897	12.971	11.843	12.722	11.956	54.838	-11.886	43.581	24.822	0.149	0.705	3.738
17.949	12.895	12.951	11.911	12.759	11.946	54.844	-11.928	43.575	24.864	0.150	0.701	4.180
17.953	12.909	12.938	11.918	12.667	11.927	54.838	-11.925	43.559	24.864	0.150	0.702	4.609
17.918	12.888	12.939	11.850	12.729	11.910	54.850	-11.942	43.556	24.822	0.150	0.700	5.000
17.911	12.909	12.923	11.959	12.839	11.911	54.835	-11.923	43.584	24.936	0.150	0.700	5.438
17.896	12.911	12.923	11.755	12.810	11.880	54.850	-11.951	43.570	25.051	0.150	0.699	5.879
17.911	12.891	12.942	11.953	12.736	11.853	54.827	-11.956	43.562	24.965	0.150	0.700	6.320
17.975	12.908	12.949	11.933	12.693	11.830	54.827	-11.912	43.551	24.922	0.150	0.703	6.758
18.008	12.892	12.933	11.793	12.726	11.786	54.821	-11.964	43.553	24.979	0.150	0.706	7.199
17.999	12.906	12.957	11.901	12.801	11.747	54.815	-11.928	43.551	25.008	0.150	0.704	7.637
18.005	12.901	12.953	11.885	13.013	11.715	54.809	-11.919	43.545	25.036	0.150	0.705	8.078
18.010	12.899	12.956	11.883	12.569	11.698	54.806	-11.911	43.518	25.051	0.149	0.705	8.508
17.984	12.897	12.959	11.761	12.701	11.676	54.809	-11.940	43.523	25.079	0.150	0.703	8.898
17.984	12.897	12.923	11.770	12.651	11.665	54.812	-11.880	43.537	25.051	0.149	0.705	9.340
17.981	12.924	12.962	11.853	12.695	11.675	54.818	-11.911	43.531	25.036	0.149	0.702	9.777
17.938	12.911	12.915	11.884	12.664	11.649	54.824	-11.930	43.515	25.079	0.150	0.702	10.219
17.911	12.925	12.984	11.944	12.796	11.659	54.806	-11.933	43.493	25.079	0.150	0.696	10.660
17.903	12.931	12.966	11.869	12.719	11.657	54.821	-11.949	43.529	25.122	0.150	0.696	11.098
17.883	12.897	12.964	11.902	12.888	11.644	54.783	-11.809	43.548	25.137	0.149	0.697	11.539
17.865	12.895	12.941	11.926	12.654	11.555	54.818	-11.964	43.490	25.122	0.150	0.697	11.977
17.905	12.897	12.949	11.861	12.941	11.578	54.786	-11.947	43.496	25.036	0.150	0.699	12.410

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.775	13.301	13.327	12.995	13.391	13.050	21.176	-3.689	17.698	24.464	0.051	0.498	0.219
15.755	13.299	13.337	12.946	13.347	13.054	21.190	-3.684	17.700	24.406	0.051	0.496	0.660
15.762	13.305	13.278	12.929	13.298	13.041	21.155	-3.677	17.714	24.363	0.051	0.500	1.098
15.775	13.315	13.289	12.949	13.407	13.041	21.187	-3.689	17.714	24.449	0.051	0.500	1.539
15.751	13.297	13.337	12.956	13.330	13.042	21.184	-3.650	17.722	24.478	0.051	0.496	1.980
15.735	13.304	13.281	12.958	13.332	13.046	21.184	-3.677	17.711	24.406	0.051	0.497	2.359
15.744	13.315	13.320	12.883	13.350	13.030	21.205	-3.689	17.711	24.492	0.051	0.495	2.801
15.746	13.301	13.280	12.941	13.258	13.011	21.184	-3.719	17.711	24.521	0.051	0.498	3.238
15.764	13.279	13.277	12.947	13.328	13.001	21.190	-3.703	17.714	24.435	0.051	0.501	3.680
15.788	13.297	13.348	13.005	13.428	12.994	21.184	-3.700	17.711	24.464	0.051	0.499	4.121
15.803	13.277	13.316	12.989	13.357	12.981	21.184	-3.705	17.703	24.464	0.051	0.503	4.559
15.812	13.279	13.286	12.950	13.329	12.974	21.208	-3.707	17.692	24.464	0.051	0.505	4.938
15.797	13.281	13.296	12.927	13.309	12.966	21.190	-3.717	17.689	24.478	0.051	0.503	5.379
15.795	13.270	13.280	12.974	13.298	12.944	21.205	-3.705	17.689	24.464	0.051	0.504	5.820
15.792	13.267	13.282	12.983	13.344	12.947	21.199	-3.681	17.711	24.435	0.051	0.504	6.258
15.781	13.287	13.271	12.941	13.216	12.944	21.222	-3.702	17.709	24.464	0.051	0.503	6.699
15.788	13.281	13.276	12.991	13.298	12.947	21.210	-3.702	17.714	24.478	0.051	0.504	7.141
15.768	13.284	13.288	12.969	13.371	12.934	21.187	-3.700	17.698	24.478	0.051	0.501	7.520
15.773	13.269	13.278	13.025	13.309	12.929	21.208	-3.689	17.709	24.449	0.051	0.503	7.961
15.773	13.277	13.295	12.950	13.305	12.923	21.202	-3.702	17.717	24.435	0.051	0.501	8.398
15.777	13.292	13.269	13.014	13.327	12.920	21.205	-3.689	17.698	24.349	0.051	0.502	8.840
15.764	13.281	13.277	12.921	13.305	12.916	21.216	-3.715	17.720	24.507	0.051	0.501	9.281
15.779	13.295	13.315	12.914	13.322	12.920	21.205	-3.703	17.692	24.464	0.051	0.500	9.719
15.755	13.283	13.284	12.960	13.322	12.908	21.187	-3.715	17.725	24.478	0.051	0.500	10.109
15.749	13.294	13.329	13.015	13.241	12.911	21.210	-3.703	17.725	24.464	0.051	0.496	10.551
15.749	13.305	13.324	12.998	13.367	12.924	21.216	-3.700	17.725	24.421	0.051	0.496	10.980
15.760	13.303	13.303	12.977	13.325	12.924	21.202	-3.693	17.722	24.435	0.051	0.498	11.418
15.733	13.307	13.289	12.977	13.439	12.900	21.208	-3.695	17.728	24.507	0.051	0.496	11.859
15.727	13.305	13.315	12.996	13.315	12.922	21.208	-3.707	17.714	24.478	0.051	0.494	12.250

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.775	13.323	13.297	12.927	13.328	13.035	37.090	-7.888	29.638	25.294	0.100	0.499	0.270
15.773	13.325	13.332	12.998	13.322	13.038	37.087	-7.890	29.585	25.237	0.100	0.496	0.711
15.751	13.333	13.348	12.939	13.369	13.035	37.090	-7.891	29.627	25.237	0.100	0.493	1.148
15.744	13.330	13.337	12.993	13.235	13.033	37.090	-7.871	29.618	25.251	0.100	0.493	1.531
15.779	13.324	13.320	12.971	13.278	13.026	37.099	-7.907	29.613	25.251	0.100	0.498	1.969
15.801	13.322	13.313	12.919	13.331	13.023	37.113	-7.910	29.616	25.280	0.100	0.500	2.410
15.797	13.296	13.292	12.930	13.179	12.988	37.110	-7.926	29.616	25.366	0.100	0.503	2.852
15.795	13.304	13.311	12.930	13.181	12.981	37.128	-7.910	29.596	25.366	0.100	0.501	3.289
15.786	13.292	13.334	13.008	13.279	12.978	37.122	-7.905	29.643	25.323	0.100	0.499	3.730
15.819	13.323	13.315	12.929	13.293	12.969	37.113	-7.931	29.629	25.352	0.100	0.502	4.172
15.812	13.306	13.306	12.893	13.220	12.967	37.131	-7.917	29.629	25.352	0.100	0.503	4.609
15.812	13.287	13.273	12.891	13.215	12.948	37.136	-7.910	29.635	25.352	0.100	0.506	5.051
15.812	13.299	13.291	12.919	13.288	12.953	37.142	-7.910	29.632	25.352	0.100	0.504	5.488
15.808	13.315	13.326	12.879	13.267	12.945	37.145	-7.921	29.640	25.438	0.100	0.501	5.930
15.775	13.301	13.320	12.932	13.257	12.944	37.145	-7.914	29.671	25.309	0.100	0.499	6.309
15.805	13.315	13.334	12.959	13.316	12.934	37.148	-7.935	29.624	25.366	0.100	0.500	6.750
15.790	13.300	13.315	12.962	13.346	12.926	37.157	-7.919	29.640	25.366	0.100	0.500	7.191
15.814	13.305	13.304	12.911	13.288	12.918	37.136	-7.912	29.646	25.366	0.100	0.503	7.629
15.786	13.295	13.317	12.983	13.277	12.916	37.154	-7.935	29.621	25.380	0.100	0.500	8.070
15.810	13.316	13.303	12.946	13.331	12.914	37.145	-7.921	29.654	25.366	0.100	0.502	8.512
15.784	13.304	13.309	12.922	13.225	12.915	37.166	-7.914	29.660	25.423	0.100	0.500	8.949
15.790	13.318	13.341	12.955	13.308	12.912	37.163	-7.935	29.640	25.366	0.100	0.498	9.391
15.781	13.323	13.323	12.919	13.287	12.912	37.163	-7.905	29.651	25.366	0.100	0.498	9.832
15.795	13.315	13.322	12.920	13.273	12.896	37.168	-7.921	29.651	25.352	0.100	0.500	10.270
15.788	13.297	13.323	12.947	13.327	12.884	37.177	-7.942	29.646	25.380	0.100	0.500	10.711
15.812	13.307	13.336	12.968	13.211	12.889	37.174	-7.924	29.671	25.366	0.100	0.501	11.148
15.801	13.297	13.300	12.890	13.296	12.880	37.171	-7.917	29.668	25.395	0.100	0.502	11.531
15.792	13.302	13.279	12.893	13.288	12.858	37.186	-7.893	29.643	25.466	0.100	0.503	11.969
15.775	13.306	13.322	12.928	13.312	12.883	37.168	-7.905	29.676	25.380	0.100	0.498	12.410

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Total Plenum P1 Psia	Static Tunnel P2 Psia	Static Tunnel P3 Psia	Static Cavity P4 Psia	Static Dynamic P5 Psia	Static P(x) P11 Psia	Static Mass Flow P12 Psia	Delta Mass Flow P13 Psid	Blowing Pressure P14 Psia	Total Mass Temp. T16 Deg C	Mass flow Lbs/sec	Mach no	Time (sec)
15.842	13.349	13.383	12.634	13.434	13.041	55.105	-11.939	43.785	27.017	0.150	0.499	0.219
15.831	13.356	13.360	12.616	13.398	13.034	55.146	-11.958	43.766	26.945	0.150	0.499	0.660
15.826	13.362	13.407	12.692	13.399	13.027	55.129	-11.935	43.785	26.960	0.150	0.495	1.102
15.811	13.355	13.364	12.708	13.514	13.017	55.137	-11.963	43.779	26.931	0.150	0.497	1.539
15.811	13.367	13.377	12.670	13.416	13.018	55.123	-11.911	43.790	27.075	0.150	0.495	1.980
15.811	13.358	13.406	12.641	13.449	13.019	55.134	-11.961	43.763	27.046	0.150	0.494	2.418
15.831	13.359	13.404	12.673	13.497	13.009	55.099	-11.975	43.777	26.974	0.150	0.496	2.859
15.846	13.350	13.364	12.605	13.534	12.986	55.094	-11.975	43.766	26.917	0.150	0.500	3.301
15.831	13.340	13.350	12.623	13.411	12.976	55.099	-11.953	43.768	26.974	0.150	0.500	3.738
15.857	13.348	13.371	12.652	13.348	12.972	55.088	-11.937	43.763	27.017	0.150	0.501	4.180
15.844	13.346	13.385	12.644	13.437	12.963	55.079	-11.972	43.746	27.032	0.150	0.499	4.621
15.833	13.340	13.348	12.623	13.327	12.962	55.099	-11.989	43.749	27.060	0.150	0.500	5.059
15.833	13.340	13.377	12.660	13.378	12.954	55.099	-11.958	43.757	27.075	0.150	0.499	5.500
15.840	13.354	13.369	12.661	13.428	12.950	55.088	-11.941	43.719	27.032	0.150	0.499	5.941
15.833	13.368	13.372	12.633	13.282	12.950	55.097	-11.991	43.757	27.032	0.150	0.497	6.320
15.844	13.374	13.387	12.687	13.356	12.947	55.105	-11.908	43.771	27.118	0.150	0.497	6.758
15.850	13.357	13.390	12.628	13.301	12.944	55.094	-11.991	43.727	27.075	0.150	0.499	7.199
15.850	13.344	13.341	12.620	13.420	12.918	55.102	-11.975	43.771	27.032	0.150	0.502	7.641
15.877	13.330	13.344	12.621	13.439	12.904	55.097	-11.927	43.760	26.974	0.150	0.505	8.078
15.888	13.342	13.331	12.630	13.482	12.889	55.094	-11.949	43.771	27.046	0.150	0.506	8.520
15.912	13.336	13.344	12.606	13.413	12.882	55.108	-11.930	43.755	27.132	0.150	0.508	8.961
15.905	13.326	13.316	12.545	13.381	12.871	55.114	-11.980	43.763	27.118	0.150	0.510	9.398
15.885	13.327	13.325	12.535	13.464	12.876	55.097	-11.975	43.730	27.118	0.150	0.507	9.840
15.883	13.322	13.401	12.662	13.429	12.870	55.108	-11.963	43.738	27.060	0.150	0.503	10.270
15.888	13.329	13.339	12.577	13.389	12.859	55.099	-11.968	43.768	27.075	0.150	0.507	10.711
15.881	13.327	13.320	12.600	13.279	12.855	55.079	-11.951	43.724	27.103	0.150	0.507	11.148
15.877	13.327	13.356	12.605	13.466	12.853	55.094	-11.984	43.730	27.103	0.150	0.505	11.590
15.870	13.318	13.346	12.629	13.429	12.832	55.091	-11.991	43.705	27.132	0.150	0.505	12.031
15.875	13.325	13.345	12.621	13.479	12.855	55.088	-11.999	43.746	27.132	0.150	0.505	12.469

Tunnel Total Pressure (psia)	Floor Static Pressure # 2 (psia)	Floor Static Pressure # 3 (psia)	Cavity Static Pressure (psia)	Dynamic Static Pressure (psia)	Probe Total Presure (psia)	Probe Static Pressure # 1 (psia)	Probe Static Pressure # 2 (psia)	Probe Delta Pressure #1 & #3 (psia)	Probe Delta Pressure #2 & #4 (psia)	Scanvalve Static Pressure (psia)	Massflow Static Pressure Upstream (psia)	Massflow Delta Pressure (psia)	Injection Static Pressure (psia)	Tunnel Temp. (deg C)	Injection Temp. (deg C)	Injection Rate (lbm/s)	Flow Mach Number	Probe Vertical Position (in.)	Time (s)
PAN 236																			
15.8637	13.3173	13.2767	14.1422	14.1500	14.9039	13.3468	13.6283	-0.2301	-0.5182	13.0330	22.5143	-3.4333	19.2750	5.5761	16.4108	0.0506	0.5085	0.0000	0.2695
15.7236	13.3226	13.3090	14.1371	14.1500	14.9138	13.3291	13.6255	-0.2307	-0.5182	13.0269	22.5454	-3.4438	19.2973	5.4580	16.4108	0.0507	0.4931	0.0400	0.9297
15.7510	13.3178	13.2940	14.1315	14.1500	14.9553	13.3402	13.6305	-0.2367	-0.5250	13.0093	22.5566	-3.4490	19.3028	5.4449	16.4390	0.0508	0.4969	0.0800	1.5898
15.7510	13.3092	13.3057	14.1382	14.1500	15.0749	13.3352	13.6542	-0.2378	-0.5294	13.0170	22.5679	-3.4508	19.2861	5.3006	16.4108	0.0508	0.4967	0.1200	2.3008
15.7648	13.2839	13.2639	14.1343	14.1500	15.2078	13.3358	13.6646	-0.2273	-0.5390	13.0093	22.5792	-3.4595	19.3168	5.2219	16.4531	0.0509	0.5018	0.1600	2.9609
15.6714	13.3151	13.2923	14.1382	14.1500	15.3257	13.3358	13.6883	-0.2091	-0.5513	13.0121	22.3987	-3.4002	19.2248	5.0382	16.4390	0.0502	0.4894	0.2000	3.6211
15.6741	13.3146	13.3201	14.1338	14.1500	15.4486	13.3341	13.7153	-0.1825	-0.5513	13.0088	22.1617	-3.3252	19.0407	5.0644	16.2698	0.0494	0.4881	0.2600	4.4492
15.7648	13.2990	13.2739	14.1360	14.1500	15.5233	13.3181	13.7312	-0.1322	-0.5373	12.9999	22.1476	-3.3287	19.0045	4.8939	16.2839	0.0494	0.5004	0.3200	5.2188
15.7813	13.2973	13.2517	14.1366	14.1500	15.5831	13.3154	13.7450	-0.0990	-0.5350	12.9785	22.1702	-3.3270	18.9850	4.8283	16.3262	0.0494	0.5033	0.3800	5.9805
15.7593	13.3232	13.2901	14.1326	14.1500	15.5815	13.3121	13.7505	-0.0658	-0.5294	12.9735	22.1335	-3.3357	18.9738	4.6447	16.3826	0.0494	0.4976	0.4400	6.8086
15.7785	13.2780	13.2255	14.1399	14.1500	15.6130	13.3093	13.7477	-0.0542	-0.5462	12.9652	22.1166	-3.3374	19.0156	4.6840	16.4108	0.0494	0.5056	0.5000	7.5781
15.8115	13.3313	13.2851	14.1304	14.1500	15.6180	13.2972	13.7472	-0.0310	-0.5154	12.9542	22.2858	-3.3618	19.0826	4.5135	16.4249	0.0498	0.5024	0.5900	8.5703
15.7730	13.3016	13.2834	14.1304	14.1500	15.6180	13.2856	13.7439	0.0116	-0.4914	12.9438	22.2943	-3.3618	19.1160	4.3561	16.4531	0.0498	0.5005	0.6800	9.5508
15.8087	13.3323	13.2728	14.1254	14.1500	15.6246	13.3010	13.7466	0.0055	-0.4807	12.9427	22.2633	-3.3688	19.0909	4.1332	16.4108	0.0498	0.5027	0.7700	10.4883
15.7565	13.3426	13.3290	14.1332	14.1500	15.6197	13.2994	13.7417	0.0160	-0.4818	12.9553	22.3028	-3.3863	19.1077	4.1200	16.4108	0.0500	0.4940	0.8600	11.4805
15.7758	13.3339	13.3051	14.1382	14.1500	15.6197	13.3247	13.7367	0.0099	-0.4650	12.9449	22.2322	-3.3514	19.1272	4.1725	16.3826	0.0496	0.4977	0.9500	12.4688
15.7785	13.3479	13.3446	14.1343	14.1500	15.6197	13.3341	13.7400	0.0110	-0.4370	12.9416	22.2633	-3.3479	19.0770	3.9233	16.4108	0.0496	0.4949	1.1100	13.8398
15.7758	13.3264	13.2789	14.1343	14.1500	15.6197	13.3369	13.7290	0.0127	-0.4157	12.9091	22.2238	-3.3653	19.0937	3.7397	16.3826	0.0497	0.4996	1.2700	15.2109
15.7977	13.2936	13.2806	14.1259	14.1500	15.6379	13.3391	13.7219	-0.0122	-0.4163	12.8892	22.2463	-3.3636	19.0881	3.5955	16.4390	0.0498	0.5034	1.4300	16.6406
15.8307	13.3199	13.2906	14.1394	14.1500	15.6562	13.3440	13.7191	0.0005	-0.4180	12.8810	22.2350	-3.3671	19.0965	3.3594	16.4108	0.0498	0.5045	1.5900	18.0117
15.8005	13.3065	13.2812	14.1371	14.1500	15.6562	13.3595	13.7202	-0.0205	-0.3933	12.8826	22.2181	-3.3671	19.0463	3.2152	16.3826	0.0498	0.5029	1.7500	19.3906
15.8005	13.3339	13.3079	14.1315	14.1500	15.6396	13.3722	13.7175	-0.0382	-0.3855	12.9003	22.1984	-3.3653	19.0630	2.8874	16.4108	0.0497	0.4999	2.0000	21.3086
15.7923	13.3549	13.3407	14.1326	14.1500	15.6180	13.4014	13.7257	-0.0343	-0.3508	12.8964	22.2548	-3.3618	19.0826	2.7956	16.3967	0.0498	0.4961	2.2500	23.2305
15.7868	13.3393	13.3174	14.1287	14.1500	15.6097	13.4196	13.7362	-0.0282	-0.3379	12.9151	22.2774	-3.3618	19.1021	2.4678	16.3967	0.0498	0.4978	2.5000	25.1484

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15.7410	13.3508	13.3110	14.1416	14.1500	15.3348	13.3296	13.4351	-0.3861	-0.3726	13.0151	40.1169	-7.2251	33.3250	3.0447	16.4249	0.0986	0.4931	0.0000	0.2813
15.7740	13.3228	13.2764	14.1439	14.1500	15.3431	13.3329	13.4340	-0.3800	-0.3709	13.0096	40.1113	-7.2844	33.3110	2.9398	16.4108	0.0991	0.4998	0.0400	0.9414
15.7135	13.3206	13.2742	14.1383	14.1500	15.3879	13.3489	13.4313	-0.4154	-0.3827	12.9952	40.1423	-7.2861	33.2887	2.8481	16.4108	0.0991	0.4942	0.0800	1.6523
15.7575	13.3303	13.2759	14.1360	14.1500	15.4444	13.3643	13.4225	-0.4564	-0.4163	12.9936	40.1113	-7.2914	33.3054	2.7825	16.4672	0.0991	0.4978	0.1200	2.3086
15.7245	13.3244	13.2709	14.1399	14.1500	15.4975	13.3792	13.4302	-0.5094	-0.4555	12.9870	40.1423	-7.3158	33.3361	2.7694	16.4108	0.0993	0.4953	0.1600	2.9688
15.7135	13.3228	13.3054	14.1377	14.1500	15.5175	13.3925	13.4489	-0.5360	-0.5093	12.9958	40.1846	-7.2757	33.3528	2.6121	16.4390	0.0991	0.4923	0.2000	3.6289
15.7767	13.3206	13.2770	14.1338	14.1500	15.5391	13.3864	13.4869	-0.5520	-0.5838	12.9903	40.1564	-7.3001	33.3724	2.5203	16.4108	0.0992	0.5001	0.2600	4.4492
15.8592	13.3292	13.2709	14.1467	14.1500	15.5440	13.3632	13.5672	-0.5493	-0.6863	12.9980	40.1423	-7.2687	33.3696	2.4023	16.4108	0.0990	0.5078	0.3200	5.2188
15.7685	13.3594	13.3215	14.1383	14.1500	15.5656	13.3026	13.6504	-0.5000	-0.7837	12.9815	40.1761	-7.2931	33.3528	2.2581	16.4108	0.0992	0.4946	0.3800	6.0391
15.7932	13.3561	13.3149	14.1450	14.1500	15.5839	13.2485	13.7384	-0.4265	-0.8454	12.9639	40.1564	-7.3158	33.3640	2.2188	16.4672	0.0993	0.4976	0.4400	6.8086
15.7877	13.3567	13.3299	14.1411	14.1500	15.6088	13.2044	13.7979	-0.3308	-0.8610	12.9644	40.2156	-7.3140	33.3751	2.1794	16.5377	0.0994	0.4962	0.5000	7.6406
15.7932	13.3712	13.3165	14.1534	14.1500	15.6254	13.1564	13.8397	-0.1986	-0.8549	12.9468	40.2156	-7.3367	33.4114	2.0614	16.4108	0.0996	0.4966	0.5900	8.6289
15.9361	13.3443	13.3032	14.1467	14.1500	15.6553	13.1311	13.8463	-0.0875	-0.8168	12.9330	40.3482	-7.3541	33.5201	1.8779	16.4108	0.0998	0.5123	0.6800	9.5586
15.8894	13.3680	13.3204	14.1439	14.1500	15.6570	13.1217	13.8364	0.0242	-0.7714	12.9297	40.4272	-7.4361	33.5759	1.8386	16.4390	0.1005	0.5057	0.7700	10.5508
15.8646	13.3545	13.3349	14.1472	14.1500	15.6503	13.1316	13.8199	0.0690	-0.7311	12.9341	40.5288	-7.3907	33.5871	1.6551	16.5236	0.1003	0.5033	0.8600	11.5391
15.7712	13.3195	13.2887	14.1427	14.1500	15.6420	13.1338	13.8056	0.1249	-0.6863	12.9281	40.5316	-7.4012	33.6010	1.3929	16.4249	0.1004	0.4990	0.9500	12.4688
15.8124	13.3836	13.3599	14.1506	14.1500	15.6204	13.1802	13.7847	0.1487	-0.5950	12.9270	40.5231	-7.4029	33.6122	1.2750	16.4108	0.1004	0.4953	1.1100	13.9023
15.8372	13.3717	13.3421	14.1500	14.1500	15.6321	13.2188	13.7726	0.1404	-0.5535	12.9292	40.5344	-7.4134	33.6010	1.0260	16.4108	0.1005	0.4993	1.2700	15.2695
15.9031	13.3938	13.3316	14.1461	14.1500	15.6470	13.2314	13.7489	0.1249	-0.5227	12.9005	40.4977	-7.4151	33.5954	0.9998	16.3826	0.1005	0.5049	1.4300	16.6406
15.8976	13.3572	13.3215	14.1399	14.1500	15.6935	13.2480	13.7368	0.1293	-0.4930	12.8807	40.5203	-7.3942	33.6149	0.7770	16.4249	0.1003	0.5070	1.5900	18.0703
15.8619	13.3712	13.3477	14.1360	14.1500	15.6802	13.2645	13.7269	0.1122	-0.4673	12.8680	40.5852	-7.4012	33.6484	0.5804	16.4249	0.1005	0.5014	1.7500	19.4492
15.8344	13.3427	13.3059	14.1416	14.1500	15.6752	13.2954	13.7170	0.0961	-0.4202	12.8708	40.5485	-7.3716	33.6373	0.2921	16.3967	0.1002	0.5027	2.0000	21.3711
15.8427	13.4137	13.3599	14.1405	14.1500	15.6636	13.3086	13.7197	0.0701	-0.3939	12.8757	40.5034	-7.4099	33.6010	-0.1534	16.4108	0.1004	0.4965	2.2500	23.3516
15.8234	13.3782	13.3638	14.1472	14.1500	15.6536	13.3445	13.7258	0.0563	-0.3726	12.8934	40.5147	-7.4151	33.6233	-0.3761	16.4249	0.1005	0.4964	2.5000	25.2695

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15.9489	13.3287	13.3004	14.1458	14.1500	15.6161	13.1458	13.2251	-0.4548	-0.1955	12.9313	59.2907	-11.5976	48.4903	11.5497	13.3589	0.1525	0.5144	0.0000	0.2734
15.9406	13.3141	13.2703	14.1402	14.1500	15.6261	13.1380	13.2163	-0.4603	-0.1950	12.9109	59.3246	-11.6551	48.5322	11.0899	13.2046	0.1529	0.5161	0.0400	0.9336
15.9214	13.3437	13.3177	14.1352	14.1500	15.6593	13.1507	13.2114	-0.4940	-0.2140	12.9175	59.3725	-11.6429	48.5405	10.4594	13.3027	0.1529	0.5101	0.0800	1.5938
15.9461	13.3093	13.2915	14.1352	14.1500	15.6925	13.1805	13.1965	-0.5576	-0.2448	12.9054	58.9691	-11.4703	48.2310	9.8552	13.2466	0.1512	0.5157	0.1200	2.2500
15.9406	13.3486	13.3327	14.1346	14.1500	15.7108	13.2367	13.1828	-0.6434	-0.2992	12.9065	58.4049	-11.4146	47.8239	9.4087	13.1064	0.1501	0.5108	0.1600	2.9609
15.9296	13.3114	13.2798	14.1413	14.1500	15.7075	13.2864	13.1756	-0.7302	-0.3798	12.9065	57.8605	-11.3605	47.3415	9.0017	13.0223	0.1491	0.5148	0.2000	3.6211
15.9461	13.3276	13.2854	14.1396	14.1500	15.6776	13.3404	13.1916	-0.8065	-0.4958	12.9048	57.3414	-11.2646	46.8452	8.3452	13.0784	0.1478	0.5151	0.2600	4.4414
15.9104	13.3249	13.2909	14.1424	14.1500	15.6477	13.3663	13.2384	-0.8651	-0.6397	12.9048	57.5897	-11.2716	47.0376	7.7282	13.2326	0.1482	0.5116	0.3200	5.2109
15.8664	13.3281	13.3182	14.1357	14.1500	15.6328	13.3531	13.3220	-0.9000	-0.7865	12.9065	57.8492	-11.4006	47.2523	7.2163	13.3729	0.1494	0.5059	0.3800	5.9805
15.8774	13.3340	13.3165	14.1419	14.1500	15.6062	13.3073	13.4426	-0.8729	-0.9310	12.9164	57.9620	-11.4180	47.3109	6.8357	13.3448	0.1497	0.5067	0.4400	6.8125
15.8664	13.3836	13.3527	14.1363	14.1500	15.6161	13.2356	13.5819	-0.7988	-1.0397	12.9164	58.1369	-11.4930	47.4810	6.1534	13.3729	0.1504	0.5008	0.5000	7.5820
15.8362	13.3443	13.3188	14.1408	14.1500	15.6128	13.1193	13.7635	-0.6356	-1.1388	12.9070	58.1905	-11.5052	47.5116	5.5498	13.2747	0.1505	0.5021	0.5900	8.5625
15.8390	13.3593	13.3377	14.1396	14.1500	15.6278	13.0305	13.8852	-0.4144	-1.1321	12.9142	58.2216	-11.5122	47.4837	5.0382	13.2607	0.1506	0.5004	0.6800	9.5508
15.8692	13.3938	13.3628	14.1380	14.1500	15.6278	12.9842	13.9281	-0.2054	-1.0688	12.9186	58.2046	-11.5157	47.4865	4.6053	13.2607	0.1506	0.5000	0.7700	10.5430
15.8747	13.3933	13.3655	14.1402	14.1500	15.6560	12.9759	13.9199	-0.0273	-0.9904	12.9208	58.2554	-11.5331	47.5228	3.9758	13.2326	0.1508	0.5004	0.8600	11.4727
15.8582	13.3545	13.3483	14.1430	14.1500	15.6743	12.9875	13.8819	0.0761	-0.9103	12.8982	58.2893	-11.5680	47.5256	3.4774	13.2466	0.1511	0.5019	0.9500	12.4609
15.8939	13.3653	13.3371	14.1408	14.1500	15.6876	13.0239	13.8334	0.1613	-0.8067	12.8839	58.2836	-11.5523	47.5674	2.6383	13.2466	0.1510	0.5053	1.1100	13.8438
15.8637	13.3965	13.4034	14.1357	14.1500	15.6992	13.0818	13.8037	0.2011	-0.7120	12.8960	58.3147	-11.5854	47.5228	2.0614	13.2466	0.1513	0.4970	1.2700	15.2617
15.8445	13.3927	13.3867	14.1380	14.1500	15.6693	13.1292	13.7767	0.2006	-0.6324	12.8861	58.3203	-11.6098	47.4977	1.2881	13.2046	0.1515	0.4963	1.4300	16.6406
15.8747	13.4089	13.3822	14.1385	14.1500	15.6560	13.1794	13.7718	0.1812	-0.5770	12.9081	58.0410	-11.5488	47.2830	0.6197	13.1204	0.1507	0.4985	1.5900	18.0117
15.8472	13.3965	13.3950	14.1380	14.1500	15.6626	13.2125	13.7613	0.1624	-0.5294	12.8999	57.8943	-11.5488	47.1687	0.0825	13.1204	0.1505	0.4959	1.7500	19.4414
15.8747	13.4288	13.4251	14.1363	14.1500	15.6743	13.2555	13.7525	0.1292	-0.4734	12.8960	57.8887	-11.5296	47.1491	-0.9919	13.0924	0.1504	0.4950	2.0000	21.3633
15.9186	13.4035	13.3950	14.1424	14.1500	15.6776	13.2919	13.7388	0.1005	-0.4336	12.8856	57.9310	-11.5505	47.1854	-1.7516	13.0924	0.1506	0.5023	2.2500	23.2813
15.9901	13.3997	13.3778	14.1385	14.1500	15.7440	13.3002	13.7228	0.0717	-0.4140	12.8178	57.8520	-11.5349	47.1491	-2.5373	13.0924	0.1504	0.5101	2.5000	25.2109

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17.7483	12.7357	12.6529	14.1486	14.1500	15.9415	12.7235	13.3154	-0.2642	-0.8213	12.0441	22.0066	-3.4818	18.7110	-5.1163	13.3027	0.0504	0.7088	0.0000	0.2227
17.7896	12.7330	12.6635	14.1491	14.1500	15.9947	12.7130	13.3093	-0.2669	-0.8258	12.0067	21.9953	-3.4696	18.7138	-5.6005	13.3448	0.0503	0.7110	0.0400	0.9297
17.7923	12.7680	12.6986	14.1469	14.1500	16.1574	12.7147	13.3225	-0.2647	-0.8286	11.9731	22.0178	-3.4713	18.7305	-6.0323	13.2747	0.0504	0.7082	0.0800	1.5898
17.7511	12.7363	12.6379	14.1469	14.1500	16.4730	12.7285	13.3506	-0.2614	-0.8292	11.9676	22.0432	-3.4783	18.7417	-6.3333	13.3308	0.0505	0.7096	0.1200	2.2500
17.6961	12.7433	12.6713	14.1407	14.1500	16.7968	12.7505	13.3886	-0.2454	-0.8174	11.9543	22.0404	-3.4922	18.7528	-6.7781	13.3729	0.0506	0.7044	0.1600	2.9609
17.7291	12.7664	12.6919	14.1486	14.1500	17.1007	12.7654	13.4348	-0.2111	-0.8079	11.9450	22.0630	-3.4922	18.7445	-7.0136	13.3448	0.0506	0.7046	0.2000	3.6211
17.7044	12.7508	12.6852	14.1480	14.1500	17.3150	12.7858	13.4701	-0.1613	-0.8006	11.9367	22.0743	-3.4835	18.7807	-7.4714	13.3448	0.0505	0.7040	0.2600	4.4414
17.6989	12.7341	12.6763	14.1474	14.1500	17.4080	12.8012	13.4981	-0.1121	-0.7922	11.9334	22.0855	-3.4957	18.7919	-7.8246	13.3729	0.0506	0.7048	0.3200	5.2109
17.6797	12.7713	12.6847	14.1458	14.1500	17.4478	12.8051	13.5102	-0.0745	-0.7877	11.9169	22.0827	-3.4887	18.8086	-8.2823	13.3168	0.0506	0.7015	0.3800	5.9805
17.7016	12.8116	12.7119	14.1463	14.1500	17.4329	12.8150	13.5163	-0.0418	-0.7670	11.9092	22.0461	-3.4626	18.7528	-8.5962	13.2186	0.0503	0.7000	0.4400	6.8125
17.6467	12.8412	12.7648	14.1430	14.1500	17.4312	12.8211	13.5235	-0.0131	-0.7474	11.9059	22.0320	-3.4678	18.7249	-9.0016	13.2466	0.0504	0.6928	0.5000	7.5820
17.6165	12.8014	12.7292	14.1514	14.1500	17.4196	12.8211	13.5174	0.0024	-0.7283	11.8833	22.0545	-3.4713	18.7417	-9.4854	13.3027	0.0504	0.6942	0.5900	8.5625
17.5945	12.8165	12.7531	14.1435	14.1500	17.3881	12.8371	13.5240	0.0179	-0.7020	11.8761	22.0404	-3.4765	18.7528	-9.8515	13.2326	0.0504	0.6911	0.6800	9.5508
17.6879	12.8407	12.7442	14.1446	14.1500	17.3997	12.8509	13.5202	0.0312	-0.6807	11.8569	22.0348	-3.4608	18.7417	-10.3221	13.2887	0.0503	0.6964	0.7700	10.4922
17.6439	12.8132	12.7292	14.1480	14.1500	17.3964	12.8663	13.5229	0.0267	-0.6689	11.8381	22.0630	-3.4678	18.7612	-10.6358	13.3589	0.0504	0.6955	0.8600	11.4727
17.6027	12.8057	12.7659	14.1458	14.1500	17.3831	12.8812	13.5262	0.0256	-0.6549	11.8348	22.0630	-3.4748	18.7863	-11.0018	13.3027	0.0505	0.6915	0.9500	12.4609
17.7291	12.8515	12.7849	14.1446	14.1500	17.4263	12.8983	13.5246	0.0218	-0.6241	11.7853	22.0602	-3.4887	18.7919	-11.5638	13.3308	0.0506	0.6968	1.1100	13.8398
17.8143	12.8547	12.7999	14.1469	14.1500	17.5193	12.9226	13.5262	0.0173	-0.5956	11.6994	22.0997	-3.4835	18.7974	-12.1126	13.2607	0.0506	0.7013	1.2700	15.2617
17.8115	12.8574	12.8049	14.1514	14.1500	17.5425	12.9441	13.5301	0.0101	-0.5771	11.6658	22.1081	-3.4940	18.7835	-12.5308	13.2887	0.0507	0.7008	1.4300	16.6406
17.7621	12.8655	12.7765	14.1502	14.1500	17.4927	12.9568	13.5334	0.0135	-0.5614	11.6878	22.0855	-3.4765	18.7946	-12.9750	13.2607	0.0505	0.6986	1.5900	18.0117
17.7676	12.8568	12.8155	14.1446	14.1500	17.4528	12.9821	13.5427	0.0029	-0.5418	11.6955	22.1166	-3.4713	18.8197	-13.6151	13.2607	0.0505	0.6976	1.7500	19.4414
17.7374	12.9091	12.8199	14.1469	14.1500	17.4180	13.0191	13.5427	-0.0197	-0.5143	11.7032	22.0602	-3.4661	18.7919	-13.9678	13.2466	0.0504	0.6932	2.0000	21.3594
17.7428	12.9091	12.8650	14.1430	14.1500	17.3947	13.0450	13.5455	-0.0391	-0.4869	11.7137	22.0094	-3.4591	18.7222	-14.6470	13.2186	0.0503	0.6916	2.2500	23.2813
17.8637	12.9214	12.8851	14.1430	14.1500	17.5176	13.0759	13.5692	-0.0352	-0.4746	11.6641	21.9727	-3.4260	18.7500	-15.1041	13.2326	0.0500	0.6978	2.5000	25.2109

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17.8197	12.8103	12.7610	14.1421	14.1500	16.4444	12.8166	13.1469	-0.5842	-0.8519	12.0301	39.5017	-7.5016	32.4578	-14.1638	12.8961	0.1000	0.7053	0.0000	0.2227
17.8939	12.7791	12.7672	14.1449	14.1500	16.5075	12.8012	13.1519	-0.5875	-0.8575	11.9960	39.4960	-7.5103	32.4857	-14.3858	12.8961	0.1000	0.7110	0.0400	0.8828
17.8554	12.7877	12.7393	14.1443	14.1500	16.6421	12.7968	13.1552	-0.6074	-0.8782	11.9651	39.4706	-7.5086	32.4689	-14.7645	12.9241	0.1000	0.7095	0.0800	1.5898
17.8609	12.7844	12.7560	14.1471	14.1500	16.8729	12.8106	13.1860	-0.6334	-0.9073	11.9541	39.4847	-7.4981	32.4550	-14.9604	12.8961	0.0999	0.7092	0.1200	2.2500
17.8334	12.8184	12.7750	14.1443	14.1500	17.1237	12.8084	13.2444	-0.6373	-0.9555	11.9437	39.4791	-7.5069	32.4606	-15.1694	12.8681	0.1000	0.7052	0.1600	2.9102
17.8169	12.8011	12.7438	14.1449	14.1500	17.2997	12.8017	13.3060	-0.6190	-1.0031	11.9360	39.5214	-7.5086	32.4661	-15.4436	12.8400	0.1001	0.7063	0.2000	3.6211
17.7812	12.8200	12.8117	14.1449	14.1500	17.4343	12.7852	13.3963	-0.5571	-1.0642	11.9321	39.5017	-7.5103	32.4438	-15.6786	12.8540	0.1001	0.7003	0.2600	4.3906
17.8307	12.8033	12.7388	14.1460	14.1500	17.5306	12.7455	13.4816	-0.4620	-1.1168	11.9084	39.5073	-7.4981	32.4494	-15.9920	12.8681	0.1000	0.7073	0.3200	5.2227
17.8169	12.7979	12.7610	14.1432	14.1500	17.5588	12.7047	13.5422	-0.3497	-1.1521	11.8798	39.4960	-7.4650	32.4634	-16.2401	12.8681	0.0997	0.7057	0.3800	5.9805
17.8499	12.8264	12.7494	14.1426	14.1500	17.5788	12.6716	13.5857	-0.2380	-1.1599	11.8473	39.4960	-7.4912	32.4578	-16.4229	12.8681	0.0999	0.7070	0.4400	6.8125
17.8554	12.8410	12.7972	14.1426	14.1500	17.5904	12.6473	13.6016	-0.1390	-1.1571	11.8192	39.5073	-7.4981	32.4550	-16.6317	12.8260	0.1000	0.7046	0.5000	7.5820
17.8939	12.8727	12.8201	14.1398	14.1500	17.6170	12.6396	13.6193	-0.0339	-1.1151	11.7972	39.5073	-7.5086	32.4550	-16.9189	12.8681	0.1000	0.7047	0.5900	8.5703
17.8362	12.8501	12.8240	14.1432	14.1500	17.6136	12.6374	13.6132	0.0518	-1.0614	11.7950	39.5270	-7.4929	32.4857	-17.1670	12.9101	0.1000	0.7019	0.6800	9.5508
17.8115	12.8905	12.8423	14.1426	14.1500	17.5671	12.6506	13.6033	0.1143	-0.9997	11.7784	39.4932	-7.4947	32.4606	-17.3758	12.8681	0.0999	0.6977	0.7700	10.5430
17.7675	12.8625	12.8663	14.1465	14.1500	17.5638	12.6606	13.5857	0.1475	-0.9566	11.7740	39.5101	-7.5452	32.4829	-17.7282	12.8400	0.1003	0.6951	0.8600	11.4805
17.7840	12.8711	12.8863	14.1454	14.1500	17.5289	12.6876	13.5774	0.1701	-0.9062	11.7636	39.5214	-7.5313	32.4578	-17.8848	12.8260	0.1002	0.6949	0.9500	12.4727
17.7647	12.9018	12.8707	14.1432	14.1500	17.4891	12.7085	13.5587	0.1790	-0.8407	11.7531	39.5101	-7.5103	32.4829	-18.3155	12.8681	0.1001	0.6931	1.1100	13.8906
17.7757	12.9109	12.8546	14.1449	14.1500	17.4874	12.7494	13.5560	0.1801	-0.7774	11.7245	39.5355	-7.5016	32.4745	-18.4199	12.8400	0.1000	0.6941	1.2700	15.2695
17.7455	12.9400	12.9114	14.1449	14.1500	17.4691	12.7786	13.5477	0.1696	-0.7331	11.7162	39.5468	-7.5226	32.4773	-18.7462	12.8120	0.1002	0.6884	1.4300	16.6406
17.7840	12.9379	12.9186	14.1443	14.1500	17.4907	12.8122	13.5482	0.1580	-0.6973	11.6975	39.5299	-7.5278	32.4689	-19.1246	12.7840	0.1002	0.6906	1.5900	18.0703
17.7647	12.9131	12.8874	14.1437	14.1500	17.4658	12.8453	13.5400	0.1414	-0.6592	11.6898	39.5440	-7.5504	32.4606	-19.4638	12.7699	0.1004	0.6918	1.7500	19.4414
17.7977	12.9346	12.9058	14.1477	14.1500	17.4708	12.8861	13.5323	0.0999	-0.6026	11.6677	39.5440	-7.5435	32.4689	-19.8682	12.8260	0.1003	0.6922	2.0000	21.3633
17.8389	12.9562	12.9364	14.1471	14.1500	17.5024	12.9391	13.5389	0.0673	-0.5589	11.6584	39.5468	-7.5400	32.4857	-20.3509	12.7559	0.1003	0.6925	2.2500	23.2930
17.8527	12.9702	12.9386	14.1426	14.1500	17.5339	12.9832	13.5532	0.0452	-0.5343	11.6479	39.5665	-7.5400	32.4578	-20.6901	12.7279	0.1003	0.6927	2.5000	25.2617

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17.8515	12.8334	12.8208	14.1363	14.1500	16.8945	12.8135	12.9372	-0.7477	-0.6888	11.9858	56.9469	-11.5980	46.1048	-17.7543	12.3496	0.1498	0.7037	0.0000	0.2773
17.8679	12.8307	12.8102	14.1369	14.1500	16.9244	12.8058	12.9323	-0.7527	-0.6938	11.9533	56.9751	-11.6886	46.0964	-17.9631	12.3636	0.1505	0.7053	0.0400	0.9375
17.8487	12.8431	12.8041	14.1425	14.1500	17.0307	12.8311	12.9356	-0.7964	-0.7129	11.9473	56.9920	-11.6886	46.1187	-18.1198	12.3076	0.1505	0.7038	0.0800	1.6484
17.8652	12.8453	12.8325	14.1402	14.1500	17.1453	12.8521	12.9328	-0.8744	-0.7599	11.9208	57.0202	-11.6730	46.1327	-18.3677	12.3496	0.1504	0.7035	0.1200	2.3086
17.9311	12.8813	12.8603	14.1341	14.1500	17.2898	12.8885	12.9681	-0.9363	-0.8355	11.9131	57.0399	-11.6921	46.1271	-18.4460	12.3636	0.1506	0.7049	0.1600	2.9688
17.9366	12.8733	12.8475	14.1425	14.1500	17.4077	12.8896	13.0121	-0.9866	-0.9392	11.8933	57.0738	-11.7322	46.1438	-18.6940	12.3496	0.1509	0.7061	0.2000	3.6797
17.9119	12.8517	12.8013	14.1380	14.1500	17.4725	12.8637	13.1085	-0.9994	-1.0915	11.8492	57.0935	-11.7322	46.1829	-18.8636	12.3356	0.1509	0.7075	0.2600	4.4492
17.9201	12.8324	12.8331	14.1397	14.1500	17.5207	12.8013	13.2472	-0.9468	-1.2551	11.8509	57.0907	-11.7200	46.1689	-19.0332	12.2796	0.1508	0.7075	0.3200	5.2695
17.8872	12.8690	12.8525	14.1408	14.1500	17.5572	12.7164	13.4035	-0.8357	-1.3850	11.8261	57.1189	-11.7723	46.2107	-19.2811	12.3356	0.1512	0.7030	0.3800	6.0391
17.8762	12.8900	12.8821	14.1436	14.1500	17.5937	12.6359	13.5367	-0.6731	-1.4523	11.8322	57.1584	-11.7619	46.2024	-19.4768	12.3356	0.1512	0.7001	0.4400	6.8672
17.9092	12.8571	12.8364	14.1391	14.1500	17.6087	12.5675	13.6226	-0.5099	-1.4797	11.7925	57.1979	-11.7654	46.2191	-19.6073	12.2656	0.1513	0.7056	0.5000	7.6367
17.8652	12.8943	12.8615	14.1414	14.1500	17.5987	12.5118	13.6837	-0.3003	-1.4679	11.7914	57.2092	-11.7845	46.2191	-19.6856	12.2376	0.1514	0.7001	0.5900	8.6289
17.8487	12.9179	12.8993	14.1419	14.1500	17.5888	12.4854	13.7024	-0.1001	-1.4114	11.7749	57.2205	-11.7898	46.2275	-20.0378	12.2516	0.1515	0.6964	0.6800	9.6094
17.8569	12.9153	12.8943	14.1442	14.1500	17.5987	12.4787	13.6953	0.0553	-1.3296	11.7534	57.2431	-11.8089	46.2247	-20.1031	12.2236	0.1516	0.6973	0.7700	10.5977
17.9092	12.9336	12.9104	14.1369	14.1500	17.6519	12.4920	13.6689	0.1581	-1.2383	11.7226	57.0907	-11.7688	46.1048	-20.3509	12.2376	0.1512	0.6990	0.8600	11.5391
17.8954	12.9314	12.9255	14.1425	14.1500	17.6568	12.5207	13.6502	0.2311	-1.1470	11.6972	56.9553	-11.7688	45.9932	-20.4683	12.1956	0.1510	0.6976	0.9500	12.5273
17.8597	12.9115	12.8765	14.1380	14.1500	17.6120	12.5571	13.6138	0.2676	-1.0422	11.6840	56.9469	-11.8020	46.0016	-20.7684	12.2376	0.1512	0.6984	1.1100	13.9492
18.0108	12.9712	12.9388	14.1386	14.1500	17.6967	12.6127	13.6001	0.2804	-0.9560	11.6036	57.0004	-11.7636	46.0044	-21.0031	12.2516	0.1510	0.7025	1.2700	15.3281
18.0383	12.9938	12.9800	14.1408	14.1500	17.7565	12.6640	13.5890	0.2804	-0.8703	11.5904	56.9976	-11.7776	46.0183	-21.3162	12.2236	0.1511	0.7015	1.4300	16.6992
18.0108	13.0229	13.0023	14.1374	14.1500	17.7166	12.7054	13.5824	0.2593	-0.8126	11.5761	56.7861	-11.7392	45.8287	-21.6031	12.1676	0.1506	0.6976	1.5900	18.1289
17.9284	12.9519	12.9344	14.1419	14.1500	17.6469	12.7445	13.5588	0.2284	-0.7610	11.5882	56.7071	-11.7305	45.7646	-21.8118	12.1676	0.1504	0.6984	1.7500	19.5000
17.8460	12.9890	12.9583	14.1436	14.1500	17.5456	12.7997	13.5412	0.1886	-0.6793	11.6229	56.8679	-11.8246	45.8622	-22.0595	12.1816	0.1513	0.6906	2.0000	21.4180
18.0108	13.0358	13.0841	14.1369	14.1500	17.6253	12.8543	13.5489	0.1498	-0.6249	11.5959	56.8763	-11.8055	45.8761	-22.4898	12.1116	0.1512	0.6935	2.2500	23.3984
18.1564	13.0601	13.0452	14.1425	14.1500	17.8030	12.9194	13.5676	0.1250	-0.5824	11.5205	56.8848	-11.8142	45.8789	-22.8289	12.0976	0.1513	0.7031	2.5000	25.3164

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15.7343	13.3127	13.2619	14.1527	14.1500	12.9392	12.9654	13.3666	-0.0425	-0.4465	13.0308	22.2170	-3.4744	19.0006	-10.4920	12.7139	0.0506	0.4974	0.0000	0.2813
15.7426	13.2977	13.2563	14.1398	14.1500	12.9342	12.9577	13.3627	-0.0282	-0.4532	13.0160	22.1973	-3.4622	18.9950	-10.6881	12.7419	0.0505	0.4993	0.0400	0.9414
15.7481	13.3020	13.2379	14.1499	14.1500	12.9193	12.9566	13.3666	-0.0337	-0.4510	13.0138	22.2255	-3.4640	18.9699	-10.7796	12.7279	0.0505	0.5007	0.0800	1.6016
15.7041	13.2896	13.2329	14.1516	14.1500	12.9060	12.9561	13.3704	-0.0199	-0.4443	13.0121	22.2086	-3.4675	18.9699	-10.9103	12.7279	0.0505	0.4974	0.1200	2.3086
15.7179	13.2853	13.2407	14.1443	14.1500	12.9143	12.9544	13.3836	-0.0149	-0.4527	13.0061	22.2170	-3.4396	18.9755	-11.2632	12.6859	0.0503	0.4986	0.1600	2.9688
15.7261	13.2874	13.2307	14.1499	14.1500	13.0654	12.9715	13.3947	-0.0044	-0.4577	13.0061	22.1775	-3.4518	18.9727	-11.3285	12.7139	0.0504	0.4998	0.2000	3.6289
15.7179	13.3009	13.2463	14.1488	14.1500	13.3876	12.9776	13.4161	0.0288	-0.4241	12.9950	22.1832	-3.4622	18.9588	-11.3939	12.6859	0.0505	0.4974	0.2600	4.4492
15.7728	13.2772	13.2201	14.1482	14.1500	13.7065	13.0040	13.4381	0.0625	-0.3720	12.9796	22.1634	-3.4605	18.9616	-11.6030	12.6578	0.0504	0.5054	0.3200	5.2188
15.7673	13.3090	13.2624	14.1415	14.1500	14.1466	13.0377	13.4651	0.0681	-0.3143	12.9725	22.1691	-3.4448	18.9476	-11.7598	12.7279	0.0503	0.5007	0.3800	6.0508
15.7948	13.2691	13.1917	14.1454	14.1500	14.6631	13.0664	13.4860	0.0697	-0.2768	12.9455	22.1634	-3.4518	18.9365	-11.8121	12.6578	0.0504	0.5095	0.4400	6.8086
15.8085	13.3101	13.2379	14.1449	14.1500	15.1464	13.1121	13.5185	0.0902	-0.2191	12.9416	22.1408	-3.4169	18.9337	-11.9950	12.7139	0.0501	0.5059	0.5000	7.6406
15.8140	13.2670	13.2368	14.1477	14.1500	15.5367	13.1380	13.5433	0.1145	-0.1597	12.9268	22.1521	-3.4152	18.9309	-12.2041	12.6859	0.0501	0.5089	0.5900	8.5703
15.8305	13.3047	13.2296	14.1493	14.1500	15.6613	13.1805	13.5692	0.1350	-0.1412	12.9350	22.1606	-3.4326	18.9253	-12.2956	12.6578	0.0502	0.5087	0.6800	9.5586
15.7783	13.2831	13.2340	14.1499	14.1500	15.6995	13.1932	13.5807	0.1438	-0.1519	12.9113	22.1521	-3.4239	18.9253	-12.5438	12.6578	0.0501	0.5048	0.7700	10.5508
15.7893	13.2987	13.2491	14.1477	14.1500	15.6895	13.2015	13.5912	0.1593	-0.1687	12.9163	22.1352	-3.4466	18.9169	-12.6745	12.7139	0.0503	0.5041	0.8600	11.4805
15.7893	13.3154	13.2591	14.1437	14.1500	15.7011	13.2152	13.6049	0.1731	-0.1872	12.9163	22.1550	-3.4187	18.8946	-12.8574	12.7279	0.0501	0.5026	0.9500	12.4688
15.8030	13.2842	13.2340	14.1493	14.1500	15.6795	13.2119	13.6116	0.1958	-0.2208	12.9108	22.1155	-3.4274	18.8946	-13.0142	12.6859	0.0501	0.5071	1.1100	13.8398
15.8003	13.3068	13.2324	14.1465	14.1500	15.6828	13.2197	13.6308	0.2157	-0.2370	12.8932	22.1070	-3.4117	18.8918	-13.3539	12.6018	0.0500	0.5056	1.2700	15.2695
15.8003	13.2751	13.2207	14.1505	14.1500	15.6779	13.2235	13.6336	0.2318	-0.2538	12.9042	22.1155	-3.4413	18.9114	-13.4584	12.6999	0.0502	0.5081	1.4300	16.6484
15.8030	13.3074	13.2613	14.1443	14.1500	15.6712	13.2274	13.6468	0.2318	-0.2751	12.8882	22.1662	-3.4431	18.9337	-13.6674	12.7419	0.0503	0.5042	1.5900	18.0703
15.7783	13.3181	13.2569	14.1499	14.1500	15.6530	13.2450	13.6594	0.2362	-0.2807	12.9031	22.1662	-3.4256	18.9560	-13.9156	12.7139	0.0502	0.5016	1.7500	19.4492
15.7810	13.3472	13.2964	14.1421	14.1500	15.6430	13.2676	13.6798	0.2262	-0.2964	12.9069	22.2114	-3.4570	18.9699	-14.1768	12.7279	0.0505	0.4979	2.0000	21.3711
15.7701	13.3413	13.2864	14.1499	14.1500	15.6314	13.2759	13.6842	0.2279	-0.3076	12.9075	22.2339	-3.4692	18.9811	-14.4119	12.7419	0.0506	0.4978	2.2500	23.2891
15.7728	13.3127	13.2485	14.1477	14.1500	15.6314	13.2737	13.6930	0.2390	-0.3177	12.9003	22.2650	-3.4832	19.0117	-14.7515	12.6999	0.0507	0.5018	2.5000	25.2109

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15.7998	13.3224	13.3042	14.1448	14.1500	12.6625	12.6898	13.2046	-0.0139	-0.5238	12.9942	39.1682	-7.5476	32.0935	-12.1518	12.4897	0.0999	0.5007	0.0000	0.2813
15.8328	13.2998	13.2636	14.1387	14.1500	12.6575	12.6743	13.1980	-0.0078	-0.5266	12.9898	39.1767	-7.5493	32.0768	-12.3870	12.4897	0.1000	0.5073	0.0400	0.9414
15.7998	13.3036	13.2613	14.1387	14.1500	12.6426	12.6732	13.2024	-0.0056	-0.5317	12.9892	39.1739	-7.5441	32.0852	-12.5961	12.4757	0.0999	0.5042	0.0800	1.5977
15.7806	13.3143	13.2858	14.1420	14.1500	12.6310	12.6671	13.1870	-0.0239	-0.5530	12.9688	39.1598	-7.5231	32.1075	-12.7921	12.4617	0.0998	0.5004	0.1200	2.3086
15.7943	13.3219	13.3081	14.1398	14.1500	12.6077	12.6820	13.1842	-0.0537	-0.5659	12.9799	39.1739	-7.5510	32.1019	-12.7398	12.4897	0.1000	0.5000	0.1600	2.9688
15.7915	13.3095	13.2697	14.1409	14.1500	12.5928	12.6826	13.1903	-0.0664	-0.5709	12.9766	39.1824	-7.5563	32.1186	-12.9489	12.4897	0.1000	0.5026	0.2000	3.6797
15.7833	13.3235	13.2997	14.1426	14.1500	12.6110	12.6980	13.1963	-0.0698	-0.5771	12.9699	39.2021	-7.5632	32.0908	-13.0926	12.4897	0.1001	0.4993	0.2600	4.4492
15.8080	13.3117	13.2881	14.1426	14.1500	12.6841	12.7377	13.2156	-0.0709	-0.5759	12.9727	39.1908	-7.5667	32.0852	-13.2363	12.4897	0.1001	0.5030	0.3200	5.2813
15.8108	13.3143	13.2819	14.1336	14.1500	12.9498	12.7714	13.2283	-0.0675	-0.5014	12.9512	39.1767	-7.5632	32.1047	-13.4322	12.4757	0.1001	0.5034	0.3800	6.0508
15.8273	13.3203	13.2897	14.1409	14.1500	13.4464	12.7620	13.2613	-0.0266	-0.3144	12.9496	39.1908	-7.5580	32.1075	-13.5759	12.4897	0.1001	0.5042	0.4400	6.8711
15.8190	13.3084	13.2686	14.1398	14.1500	13.8599	12.7328	13.3004	0.0270	-0.0976	12.9391	39.1965	-7.5371	32.1131	-13.6935	12.4617	0.0999	0.5053	0.5000	7.6406
15.7998	13.3305	13.3014	14.1376	14.1500	14.3432	12.8083	13.3395	0.0541	0.0453	12.9375	39.2021	-7.5842	32.0991	-13.8764	12.4477	0.1003	0.5004	0.5900	8.6289
15.7998	13.2982	13.2775	14.1426	14.1500	14.8199	12.8988	13.3730	0.0198	0.1214	12.9149	39.2190	-7.5650	32.0935	-13.9678	12.4057	0.1001	0.5035	0.6800	9.6211
15.7998	13.3187	13.2931	14.1381	14.1500	15.3032	12.9726	13.4099	0.0099	0.2032	12.9237	39.2218	-7.5615	32.1354	-14.1246	12.4337	0.1001	0.5015	0.7700	10.6094
15.8575	13.3531	13.3526	14.1426	14.1500	15.5606	13.0432	13.4501	0.0187	0.2396	12.9231	39.2388	-7.5528	32.1131	-14.4250	12.4617	0.1001	0.5017	0.8600	11.5391
15.8328	13.3434	13.3248	14.1437	14.1500	15.6519	13.1006	13.4820	0.0342	0.1999	12.9220	39.2360	-7.5685	32.1242	-14.4903	12.5317	0.1002	0.5015	0.9500	12.5313
15.8108	13.3348	13.3081	14.1437	14.1500	15.6569	13.1640	13.5239	0.0746	0.1175	12.9220	39.2388	-7.5754	32.1298	-14.7254	12.3636	0.1002	0.5008	1.1100	13.8984
15.8383	13.3574	13.3309	14.1420	14.1500	15.6519	13.1965	13.5448	0.1056	0.0318	12.8961	39.2670	-7.6033	32.1382	-14.9474	12.4757	0.1005	0.5009	1.2700	15.3281
15.8163	13.3623	13.3443	14.1381	14.1500	15.6486	13.2098	13.5668	0.1327	-0.0354	12.9017	39.2501	-7.5772	32.1298	-15.0127	12.4477	0.1003	0.4978	1.4300	16.6992
15.8657	13.3574	13.3337	14.1420	14.1500	15.6602	13.2225	13.5883	0.1592	-0.0931	12.8956	39.2388	-7.5493	32.1158	-15.3783	12.4337	0.1000	0.5033	1.5900	18.0781
15.8163	13.3628	13.3665	14.1432	14.1500	15.6453	13.2335	13.6059	0.1769	-0.1357	12.8956	39.2331	-7.5964	32.1047	-15.5611	12.4197	0.1004	0.4965	1.7500	19.5000
15.8602	13.3628	13.3409	14.1465	14.1500	15.6769	13.2412	13.6263	0.1929	-0.1855	12.8846	39.2585	-7.6086	32.0991	-15.7700	12.3776	0.1005	0.5021	2.0000	21.4297
15.8630	13.3644	13.3471	14.1443	14.1500	15.6602	13.2373	13.6334	0.2023	-0.2303	12.8659	39.2754	-7.6033	32.1298	-16.0965	12.3917	0.1005	0.5019	2.2500	23.3477
15.8520	13.3579	13.3498	14.1409	14.1500	15.6602	13.2434	13.6532	0.2200	-0.2662	12.8692	39.2529	-7.5894	32.1270	-16.2792	12.4197	0.1004	0.5011	2.5000	25.2695

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15.8452	13.3400	13.3297	14.1431	14.1500	12.1189	12.1803	12.8996	-0.0177	-0.7484	12.9630	56.4233	-11.7055	45.5620	-14.2682	12.2236	0.1499	0.5026	0.0000	0.2695
15.8452	13.3335	13.3046	14.1386	14.1500	12.1438	12.1737	12.9078	-0.0088	-0.7417	12.9674	56.4345	-11.6636	45.5202	-14.4119	12.2796	0.1496	0.5043	0.0400	0.9297
15.8342	13.3313	13.3002	14.1375	14.1500	12.1421	12.1698	12.9056	-0.0204	-0.7473	12.9707	56.4486	-11.7124	45.5313	-14.5295	12.2376	0.1500	0.5037	0.0800	1.6484
15.8589	13.3459	13.3040	14.1375	14.1500	12.1172	12.1505	12.8990	-0.0437	-0.7787	12.9767	56.4486	-11.6863	45.5313	-14.6209	12.2236	0.1498	0.5050	0.1200	2.2969
15.8204	13.3610	13.3425	14.1408	14.1500	12.0873	12.1395	12.9034	-0.0508	-0.8011	12.9723	56.4825	-11.7212	45.5369	-14.7123	12.2936	0.1501	0.4983	0.1600	2.9570
15.8204	13.3728	13.3658	14.1403	14.1500	12.0873	12.1472	12.9067	-0.0326	-0.8028	12.9789	56.4910	-11.7612	45.5425	-14.9735	12.2376	0.1504	0.4963	0.2000	3.6797
15.7957	13.3663	13.3391	14.1419	14.1500	12.1720	12.2112	12.9535	-0.0005	-0.7720	12.9723	56.5389	-11.7595	45.5676	-15.0257	12.2236	0.1505	0.4959	0.2600	4.4492
15.8342	13.3803	13.3503	14.1408	14.1500	12.3115	12.2961	13.0157	0.0172	-0.7148	12.9745	56.5869	-11.7857	45.5843	-15.0780	12.2376	0.1507	0.4981	0.3200	5.2695
15.8534	13.3631	13.3297	14.1408	14.1500	12.4344	12.3694	13.0433	0.0117	-0.6526	12.9542	56.6066	-11.7996	45.6289	-15.2738	12.2236	0.1508	0.5020	0.3800	6.0391
15.8781	13.3443	13.3185	14.1347	14.1500	12.5855	12.4080	13.0449	-0.0171	-0.5832	12.9316	56.6320	-11.7926	45.6484	-15.2738	12.2376	0.1508	0.5060	0.4400	6.8594
15.8699	13.3540	13.3280	14.1358	14.1500	12.9194	12.3882	13.0306	-0.0508	-0.4151	12.9233	56.6461	-11.7979	45.6707	-15.4305	12.2376	0.1509	0.5042	0.5000	7.6875
15.8754	13.3470	13.3169	14.1380	14.1500	13.5006	12.2636	13.0245	-0.0680	0.0207	12.9029	56.6997	-11.7979	45.6902	-15.6395	12.2096	0.1509	0.5057	0.5900	8.6172
15.8671	13.3432	13.3263	14.1352	14.1500	14.0653	12.2647	13.0840	-0.0365	0.3293	12.9029	56.7082	-11.8310	45.7125	-15.7962	12.2376	0.1512	0.5046	0.6800	9.6094
15.8259	13.3556	13.3358	14.1408	14.1500	14.6599	12.4367	13.1489	-0.0824	0.3982	12.9250	56.7392	-11.8658	45.7014	-15.9137	12.2376	0.1514	0.4995	0.7700	10.5977
15.8259	13.3706	13.3586	14.1419	14.1500	15.1398	12.6204	13.2205	-0.1244	0.4430	12.9145	56.7787	-11.8310	45.7265	-15.9790	12.2096	0.1512	0.4974	0.8600	11.5898
15.8369	13.3846	13.3742	14.1436	14.1500	15.4753	12.7781	13.2937	-0.1056	0.4525	12.9239	56.8266	-11.8658	45.7070	-16.1617	12.2376	0.1516	0.4968	0.9500	12.5195
15.8617	13.3739	13.3486	14.1431	14.1500	15.6364	12.9418	13.3813	-0.0293	0.3601	12.9068	56.8605	-11.8990	45.7655	-16.3184	12.2376	0.1518	0.5012	1.1100	13.9492
15.8699	13.3776	13.3274	14.1414	14.1500	15.6696	13.0676	13.4572	0.0365	0.2352	12.9112	56.6546	-11.8432	45.6373	-16.4490	12.1676	0.1512	0.5029	1.2700	15.3164
15.8397	13.3852	13.3686	14.1380	14.1500	15.6464	13.1426	13.5051	0.0824	0.1338	12.9200	56.3866	-11.7979	45.4114	-16.7362	12.1396	0.1506	0.4973	1.4300	16.6992
15.9001	13.4331	13.4176	14.1380	14.1500	15.7111	13.1872	13.5459	0.1140	0.0515	12.9024	56.4063	-11.8467	45.3919	-16.8667	12.2096	0.1509	0.4976	1.5900	18.1172
15.9606	13.3717	13.3580	14.1414	14.1500	15.7560	13.1895	13.5481	0.1449	-0.0225	12.8380	56.4261	-11.8223	45.4003	-17.0625	12.1396	0.1508	0.5100	1.7500	19.5000
15.9578	13.3744	13.3764	14.1363	14.1500	15.7593	13.2043	13.5767	0.1753	-0.1127	12.8517	56.5022	-11.8606	45.4309	-17.3758	12.1956	0.1511	0.5086	2.0000	21.4180
15.9496	13.3943	13.3920	14.1419	14.1500	15.7477	13.2269	13.6152	0.2036	-0.1631	12.8578	56.5361	-11.8554	45.4616	-17.5846	12.1536	0.1511	0.5058	2.2500	23.3398
15.8891	13.3836	13.3597	14.1391	14.1500	15.7278	13.2479	13.6411	0.2146	-0.2140	12.8787	56.5840	-11.9025	45.4978	-17.8587	12.1116	0.1515	0.5026	2.5000	25.3164

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17.8355	12.6806	12.6137	14.1421	14.1500	12.0133	12.1841	12.8265	-0.1323	-0.7615	11.9973	21.8216	-3.4871	18.5140	-13.6935	12.4617	0.0503	0.7183	0.0000	0.2188
17.8135	12.6882	12.6276	14.1477	14.1500	11.9867	12.1664	12.8271	-0.1185	-0.7716	11.9731	21.8441	-3.5063	18.5558	-13.9809	12.4897	0.0505	0.7160	0.0400	0.9297
17.7915	12.7414	12.6844	14.1449	14.1500	12.0017	12.1620	12.8535	-0.1058	-0.7828	11.9565	21.8582	-3.4976	18.5502	-14.0984	12.4897	0.0504	0.7099	0.0800	1.5898
17.7228	12.7371	12.6755	14.1393	14.1500	12.2907	12.1670	12.9003	-0.0593	-0.7985	11.9731	21.8723	-3.4871	18.5474	-14.3727	12.4897	0.0503	0.7062	0.1200	2.3086
17.6541	12.7711	12.6711	14.1477	14.1500	12.8005	12.1923	12.9548	0.0004	-0.8030	11.9632	21.8752	-3.4993	18.5642	-14.5686	12.4757	0.0504	0.7005	0.1600	2.9688
17.5909	12.7334	12.6482	14.1421	14.1500	13.2041	12.2282	13.0060	0.0474	-0.7682	11.9791	21.8949	-3.5011	18.5530	-14.5295	12.4897	0.0505	0.6992	0.2000	3.6289
17.5799	12.7544	12.6716	14.1444	14.1500	13.9398	12.2949	13.0644	0.1005	-0.7189	11.9786	21.8808	-3.5045	18.5893	-14.8560	12.4897	0.0505	0.6965	0.2600	4.4492
17.5442	12.7942	12.7223	14.1461	14.1500	14.8832	12.3787	13.1442	0.1497	-0.6568	11.9879	21.9062	-3.4766	18.5976	-14.9474	12.4897	0.0503	0.6902	0.3200	5.2188
17.6541	12.8303	12.7123	14.1427	14.1500	15.9328	12.4488	13.2069	0.2172	-0.5744	11.9582	21.9034	-3.5080	18.5976	-15.0910	12.4897	0.0505	0.6961	0.3800	6.0391
17.7833	12.7813	12.7212	14.1416	14.1500	16.8379	12.5078	13.2642	0.2885	-0.4741	11.8943	21.9203	-3.4714	18.6172	-15.2477	12.4897	0.0503	0.7060	0.4400	6.8086
17.8190	12.7786	12.7145	14.1393	14.1500	17.3594	12.5530	13.2912	0.3372	-0.4030	11.8277	21.9005	-3.4941	18.5865	-15.4305	12.4897	0.0504	0.7087	0.5000	7.5781
17.7915	12.7802	12.7056	14.1455	14.1500	17.5354	12.5794	13.3154	0.3776	-0.3739	11.8200	21.9005	-3.4958	18.5948	-15.7048	12.4897	0.0504	0.7073	0.5900	8.5703
17.7640	12.8335	12.7562	14.1427	14.1500	17.5172	12.6043	13.3396	0.3953	-0.3884	11.8145	21.8808	-3.4906	18.5725	-16.0051	12.4617	0.0504	0.7010	0.6800	9.5586
17.7283	12.8163	12.7239	14.1410	14.1500	17.4773	12.6180	13.3528	0.4201	-0.4103	11.8271	21.8498	-3.4819	18.5670	-16.0573	12.4897	0.0503	0.7009	0.7700	10.5508
17.6431	12.8071	12.7540	14.1455	14.1500	17.4225	12.6307	13.3688	0.4351	-0.4249	11.8326	21.8413	-3.4784	18.5474	-16.2792	12.4197	0.0502	0.6946	0.8600	11.4805
17.6679	12.8141	12.7317	14.1455	14.1500	17.4125	12.6484	13.3737	0.4345	-0.4383	11.8078	21.8357	-3.4732	18.5447	-16.3967	12.4897	0.0502	0.6968	0.9500	12.4688
17.7201	12.8658	12.8097	14.1455	14.1500	17.4192	12.6704	13.4090	0.4550	-0.4629	11.8101	21.8328	-3.4627	18.5391	-16.6970	12.4337	0.0501	0.6945	1.1100	13.8398
17.6431	12.8383	12.7969	14.1500	14.1500	17.3959	12.6919	13.4271	0.4677	-0.4663	11.7913	21.8018	-3.4522	18.5279	-16.9450	12.4337	0.0500	0.6913	1.2700	15.2695
17.6844	12.8260	12.7646	14.1421	14.1500	17.3743	12.7151	13.4453	0.4743	-0.4775	11.7754	21.7792	-3.4348	18.4526	-17.3105	12.3917	0.0498	0.6959	1.4300	16.6406
17.6239	12.8507	12.7718	14.1421	14.1500	17.3561	12.7311	13.4624	0.4649	-0.4854	11.7500	21.7595	-3.4400	18.4861	-17.4672	12.3917	0.0499	0.6906	1.5900	18.0195
17.6651	12.8260	12.7535	14.1444	14.1500	17.3660	12.7498	13.4794	0.4622	-0.4893	11.7588	21.7454	-3.4278	18.4777	-17.7543	12.4197	0.0498	0.6952	1.7500	19.4375
17.6624	12.8706	12.8269	14.1438	14.1500	17.3511	12.7741	13.4927	0.4622	-0.4994	11.7390	21.7087	-3.4348	18.4443	-18.1328	12.4197	0.0498	0.6898	2.0000	21.3711
17.7311	12.8943	12.8436	14.1449	14.1500	17.3860	12.7890	13.5141	0.4777	-0.5128	11.7203	21.6862	-3.4139	18.4526	-18.4852	12.4197	0.0496	0.6924	2.2500	23.2891
17.7393	12.9379	12.8982	14.1455	14.1500	17.4026	12.8215	13.5422	0.4694	-0.5072	11.7076	21.6551	-3.3999	18.4275	-18.9941	12.3496	0.0494	0.6886	2.5000	25.2109

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17.7215	12.7849	12.6952	14.1440	14.1500	11.8218	11.8939	12.6808	-0.1097	-0.9027	12.0303	38.9668	-7.5483	31.8706	-4.6321	12.9942	0.0997	0.7031	0.0000	0.2773
17.7407	12.7687	12.6807	14.1423	14.1500	11.8002	11.8663	12.6731	-0.1047	-0.9145	12.0066	38.9781	-7.5361	31.8846	-5.0116	13.0363	0.0996	0.7057	0.0400	0.9375
17.7023	12.8032	12.7731	14.1395	14.1500	11.7985	11.8630	12.6665	-0.0970	-0.9078	12.0066	38.9752	-7.5675	31.8902	-5.3519	13.0363	0.0999	0.6977	0.0800	1.6484
17.6995	12.7768	12.6996	14.1485	14.1500	11.7703	11.8520	12.6654	-0.0975	-0.9134	11.9829	38.9668	-7.5552	31.8929	-5.3911	12.9942	0.0998	0.7019	0.1200	2.3086
17.6473	12.7676	12.7214	14.1417	14.1500	11.7072	11.8497	12.6698	-0.1163	-0.9397	11.9482	38.9781	-7.5675	31.8706	-5.6136	13.0223	0.0999	0.6980	0.1600	3.0195
17.6391	12.8188	12.7470	14.1423	14.1500	11.7005	11.8635	12.6874	-0.1180	-0.9565	11.9697	38.9978	-7.5744	31.8957	-5.7837	12.9662	0.1000	0.6941	0.2000	3.6797
17.7050	12.8258	12.7509	14.1445	14.1500	12.0875	11.8839	12.7237	-0.0527	-0.9240	11.9301	39.0176	-7.5727	31.9069	-5.9800	12.9942	0.1000	0.6978	0.2600	4.5078
17.7600	12.8107	12.7520	14.1479	14.1500	12.9345	11.8784	12.7755	0.0900	-0.8070	11.9053	39.0147	-7.5221	31.9125	-6.1501	12.9942	0.0996	0.7019	0.3200	5.2773
17.8012	12.8382	12.7954	14.1406	14.1500	13.6553	11.9148	12.8410	0.1845	-0.6109	11.8706	39.0288	-7.5692	31.9153	-6.4118	12.9942	0.0999	0.7014	0.3800	6.0977
17.7737	12.8112	12.7731	14.1378	14.1500	14.3711	12.0240	12.8938	0.1796	-0.4518	11.8463	39.0204	-7.5727	31.8846	-6.7389	12.9662	0.1000	0.7018	0.4400	6.8672
17.7105	12.7908	12.7726	14.1429	14.1500	15.1915	12.1393	12.9544	0.1596	-0.3247	11.8590	39.0345	-7.5884	31.9069	-6.9220	12.9662	0.1001	0.6988	0.5000	7.6875
17.6803	12.8043	12.7843	14.1406	14.1500	16.3939	12.2688	13.0408	0.1785	-0.1359	11.8507	39.0345	-7.6076	31.9069	-7.0528	12.9662	0.1002	0.6958	0.5900	8.6289
17.7874	12.8850	12.8628	14.1451	14.1500	17.2243	12.3769	13.1107	0.2244	0.0305	11.8320	39.0232	-7.5675	31.8985	-7.3014	12.9522	0.0999	0.6956	0.6800	9.6094
17.8671	12.8516	12.8293	14.1457	14.1500	17.5116	12.4663	13.1696	0.2664	0.0663	11.7665	39.0260	-7.5640	31.9097	-7.5892	12.9241	0.0999	0.7035	0.7700	10.5977
17.8177	12.8387	12.8043	14.1434	14.1500	17.5698	12.5176	13.1922	0.2962	0.0215	11.7571	39.0458	-7.5866	31.9180	-7.8377	12.9942	0.1001	0.7021	0.8600	11.5391
17.7957	12.8775	12.8583	14.1384	14.1500	17.5349	12.5567	13.2236	0.3162	-0.0396	11.7467	39.0542	-7.5762	31.9069	-8.2039	12.9241	0.1000	0.6966	0.9500	12.5273
17.7050	12.8947	12.8700	14.1412	14.1500	17.4834	12.6036	13.2759	0.3344	-0.1247	11.7758	39.0345	-7.5831	31.9097	-8.5308	12.9241	0.1001	0.6896	1.1100	13.8984
17.6610	12.9049	12.8833	14.1462	14.1500	17.4303	12.6466	13.3149	0.3538	-0.1919	11.7874	39.0514	-7.5762	31.9292	-8.8839	12.9662	0.1000	0.6857	1.2700	15.3281
17.8561	12.9146	12.8472	14.1373	14.1500	17.5066	12.6808	13.3540	0.3814	-0.2462	11.7070	39.0458	-7.5884	31.9320	-9.2108	12.8681	0.1001	0.6993	1.4300	16.6992
17.8616	12.8936	12.8533	14.1395	14.1500	17.5781	12.6907	13.3777	0.4035	-0.3051	11.6316	39.0599	-7.6006	31.9264	-9.6946	12.9802	0.1002	0.7003	1.5900	18.1289
17.8946	12.8839	12.8733	14.1451	14.1500	17.5880	12.7006	13.4019	0.4207	-0.3465	11.6360	39.0627	-7.5953	31.9180	-9.9038	12.9101	0.1002	0.7019	1.7500	19.5000
17.8589	12.8915	12.8683	14.1468	14.1500	17.5698	12.7304	13.4322	0.4428	-0.3852	11.6255	39.0965	-7.6006	31.9571	-10.6227	12.9802	0.1003	0.6996	2.0000	21.4180
17.9276	12.9792	12.9624	14.1440	14.1500	17.6046	12.7541	13.4674	0.4804	-0.4104	11.6106	39.0937	-7.6023	31.9654	-11.0279	12.8681	0.1003	0.6960	2.2500	23.3477
17.9907	12.9701	12.9307	14.1339	14.1500	17.6262	12.7718	13.4928	0.4754	-0.4457	11.5864	39.0937	-7.6198	31.9459	-11.5377	12.8821	0.1004	0.7017	2.5000	25.3203

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17.8050	12.7915	12.7779	14.1313	14.1500	11.5161	11.5380	12.4831	-0.0679	-1.0021	11.9809	56.3534	-11.7875	45.3718	-10.4920	12.6718	0.1504	0.7045	0.0000	0.2188
17.8599	12.8583	12.8047	14.1403	14.1500	11.4929	11.5033	12.4666	-0.0552	-1.0094	11.9578	56.4042	-11.8136	45.3997	-10.6358	12.6158	0.1507	0.7038	0.0400	0.9375
17.8517	12.8405	12.8342	14.1375	14.1500	11.4580	11.4818	12.4539	-0.0585	-1.0178	11.9424	56.4239	-11.7909	45.3634	-10.8319	12.6578	0.1505	0.7028	0.0800	1.5977
17.8517	12.8023	12.7740	14.1386	14.1500	11.3799	11.4630	12.4363	-0.0723	-1.0335	11.9127	56.4634	-11.7927	45.4164	-10.9887	12.6298	0.1506	0.7071	0.1200	2.3086
17.8160	12.8480	12.8225	14.1363	14.1500	11.3467	11.4707	12.4347	-0.0983	-1.0565	11.8967	56.4888	-11.8188	45.4527	-11.1325	12.6158	0.1508	0.7007	0.1600	2.9688
17.8242	12.8448	12.8147	14.1341	14.1500	11.3285	11.4773	12.4302	-0.1194	-1.0766	11.9094	56.5339	-11.8310	45.4973	-11.4331	12.6438	0.1510	0.7017	0.2000	3.6797
17.7857	12.8453	12.8286	14.1391	14.1500	11.4181	11.5248	12.4892	-0.1271	-1.1024	11.8972	56.5763	-11.8781	45.4973	-11.4331	12.6578	0.1513	0.6987	0.2600	4.4492
17.8105	12.8513	12.8336	14.1436	14.1500	11.8815	11.5915	12.5249	-0.1017	-1.0481	11.8923	56.6355	-11.8903	45.5279	-11.7075	12.6298	0.1515	0.6998	0.3200	5.2813
17.8434	12.8943	12.8676	14.1447	14.1500	12.7036	11.5887	12.5536	-0.0370	-0.7854	11.8642	56.5988	-11.8398	45.5558	-11.9166	12.6018	0.1511	0.6985	0.3800	6.0508
17.8215	12.8356	12.7896	14.1380	14.1500	13.4260	11.5777	12.6163	0.0936	-0.4610	11.8422	56.1164	-11.6863	45.1571	-12.1649	12.4897	0.1494	0.7031	0.4400	6.8711
17.7940	12.9019	12.8676	14.1425	14.1500	13.9957	11.6930	12.6824	0.1240	-0.2599	11.8477	55.9556	-11.7247	45.0177	-12.2956	12.5037	0.1495	0.6950	0.5000	7.6406
17.7830	12.8771	12.8837	14.1341	14.1500	14.8144	11.8854	12.7600	0.0333	-0.0633	11.8251	56.0205	-11.7369	45.0456	-12.4916	12.5738	0.1497	0.6947	0.5900	8.6289
17.8105	12.8846	12.8770	14.1386	14.1500	15.9919	12.0464	12.8492	-0.0021	0.1624	11.8124	56.0657	-11.7561	45.1069	-12.8705	12.6158	0.1499	0.6964	0.6800	9.6211
17.8874	12.8938	12.8537	14.1391	14.1500	17.1180	12.1722	12.9373	0.0648	0.3680	11.7662	56.1193	-11.8206	45.1348	-13.0011	12.6018	0.1504	0.7019	0.7700	10.5977
17.9533	12.9196	12.8948	14.1408	14.1500	17.5780	12.2924	13.0237	0.1455	0.4397	11.7315	56.1588	-11.8066	45.1543	-13.2885	12.6578	0.1503	0.7031	0.8600	11.5391
17.9918	12.9438	12.9227	14.1391	14.1500	17.6876	12.3894	13.0782	0.1914	0.3814	11.6769	56.1926	-11.8206	45.1571	-13.4453	12.6158	0.1505	0.7032	0.9500	12.5313
17.9808	12.9282	12.9216	14.1369	14.1500	17.7374	12.4942	13.1487	0.2490	0.2481	11.6665	56.2744	-11.8432	45.2352	-13.7196	12.6158	0.1507	0.7033	1.1100	13.8984
18.0633	12.9546	12.9594	14.1358	14.1500	17.7690	12.5753	13.2114	0.2971	0.1193	11.6301	56.2885	-11.8537	45.2352	-14.0854	12.5598	0.1508	0.7056	1.2700	15.3281
18.0220	12.9282	12.9244	14.1447	14.1500	17.7723	12.6161	13.2522	0.3253	0.0084	11.5894	56.3675	-11.9217	45.2993	-14.4642	12.6438	0.1514	0.7057	1.4300	16.6992
17.9836	12.9718	12.9405	14.1391	14.1500	17.7125	12.6492	13.2852	0.3518	-0.0885	11.5762	56.4352	-11.8938	45.3188	-14.8168	12.6298	0.1513	0.7007	1.5900	18.0703
17.8599	12.9482	12.9394	14.1358	14.1500	17.6411	12.6856	13.3281	0.3778	-0.1501	11.6279	56.2208	-11.8607	45.1599	-15.1955	12.5598	0.1508	0.6941	1.7500	19.5000
17.9973	13.0090	12.9956	14.1431	14.1500	17.6527	12.7269	13.3799	0.3983	-0.2437	11.5938	56.1418	-11.8276	45.0985	-15.4958	12.4757	0.1505	0.6976	2.0000	21.4180
18.1374	12.9955	12.9912	14.1380	14.1500	17.7939	12.7540	13.4261	0.4525	-0.3014	11.5095	56.1531	-11.8764	45.0985	-15.9790	12.5037	0.1508	0.7070	2.2500	23.3477
18.0550	13.0063	12.9839	14.1313	14.1500	17.7491	12.7699	13.4608	0.4630	-0.3580	11.5508	56.1982	-11.8363	45.1153	-16.3967	12.5037	0.1506	0.7018	2.5000	25.2695

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17.7255	12.8049	12.7289	14.2525	14.2500	12.1650	12.1578	12.9596	0.0182	-0.8124	12.1270	21.9653	-3.4659	18.6572	4.5266	14.2433	0.0503	0.7010	0.0000	0.2695
17.7007	12.7947	12.7277	14.2469	14.2500	12.1816	12.1655	12.9646	0.0293	-0.8107	12.1049	21.8383	-3.4467	18.6042	4.2774	14.2433	0.0500	0.7000	0.0400	0.9297
17.6788	12.8071	12.7122	14.2413	14.2500	12.1667	12.1611	12.9833	0.0426	-0.8309	12.1286	21.8524	-3.4240	18.6293	3.8446	14.2714	0.0498	0.6987	0.0800	1.5898
17.6375	12.8523	12.7606	14.2514	14.2500	12.3710	12.1815	13.0218	0.0818	-0.8454	12.1220	21.8411	-3.4449	18.6293	3.6086	14.4119	0.0500	0.6920	0.1200	2.2500
17.6430	12.8587	12.7561	14.2441	14.2500	12.8493	12.1953	13.0571	0.1167	-0.8723	12.1352	21.8355	-3.4293	18.6098	3.3594	14.3838	0.0499	0.6922	0.1600	2.9688
17.6211	12.8324	12.7734	14.2435	14.2500	13.3824	12.2195	13.1121	0.1670	-0.8617	12.1270	21.8468	-3.4519	18.6266	2.9923	14.3838	0.0500	0.6912	0.2000	3.6289
17.7392	12.8528	12.8035	14.2418	14.2500	14.2410	12.2526	13.1694	0.2616	-0.8286	12.0719	21.9088	-3.4606	18.6098	2.7169	14.3838	0.0502	0.6965	0.2600	4.3906
17.8024	12.8232	12.7289	14.2474	14.2500	15.3654	12.2747	13.2222	0.3595	-0.8213	12.0179	21.8750	-3.4449	18.6572	2.4023	14.3838	0.0500	0.7051	0.3200	5.2188
17.8683	12.8286	12.7367	14.2441	14.2500	16.4133	12.3050	13.2800	0.4579	-0.7339	11.9689	21.9314	-3.4571	18.6544	1.8910	14.3838	0.0502	0.7086	0.3800	5.9922
17.8628	12.7963	12.7283	14.2486	14.2500	17.1773	12.3646	13.3279	0.5359	-0.6298	11.9414	21.9455	-3.4659	18.6740	1.5240	14.4119	0.0503	0.7100	0.4400	6.8086
17.9095	12.8281	12.8040	14.2486	14.2500	17.5194	12.4197	13.3532	0.5547	-0.5642	11.9249	21.9737	-3.4554	18.6628	1.2094	14.4260	0.0502	0.7083	0.5000	7.5820
17.9260	12.8259	12.7506	14.2435	14.2500	17.6572	12.4754	13.3890	0.5729	-0.5161	11.9034	21.9653	-3.4763	18.6991	0.8425	14.3838	0.0504	0.7117	0.5900	8.5703
17.8683	12.8598	12.8224	14.2396	14.2500	17.6655	12.5063	13.4050	0.5702	-0.5105	11.8802	22.0019	-3.4746	18.7269	0.4887	14.3838	0.0504	0.7035	0.6800	9.5000
17.8793	12.8674	12.7823	14.2430	14.2500	17.6572	12.5455	13.4331	0.5497	-0.5166	11.8720	22.0019	-3.4676	18.7186	-0.1272	14.3838	0.0503	0.7056	0.7700	10.4922
17.8711	12.8792	12.8057	14.2402	14.2500	17.6357	12.5896	13.4540	0.5447	-0.5228	11.8500	21.9794	-3.4554	18.6935	-0.5464	14.3838	0.0502	0.7036	0.8600	11.4805
17.8161	12.8927	12.8519	14.2441	14.2500	17.6273	12.6287	13.4799	0.5198	-0.5368	11.8593	21.9596	-3.4816	18.7130	-0.9395	14.3979	0.0504	0.6975	0.9500	12.4102
17.8161	12.9233	12.8163	14.2474	14.2500	17.5443	12.6646	13.5090	0.5104	-0.5541	11.8720	21.9765	-3.4571	18.7130	-1.3062	14.3838	0.0502	0.6977	1.1100	13.8398
17.8821	12.8781	12.8246	14.2435	14.2500	17.5725	12.7043	13.5399	0.4994	-0.5788	11.8164	21.9314	-3.4571	18.6907	-1.8825	14.3698	0.0502	0.7035	1.2700	15.2109
17.8821	12.9040	12.8836	14.2446	14.2500	17.6456	12.7340	13.5652	0.5027	-0.5866	11.7525	21.9399	-3.4293	18.6684	-2.3278	14.3417	0.0500	0.6998	1.4300	16.5898
17.9343	12.9013	12.8179	14.2469	14.2500	17.6273	12.7605	13.5883	0.4850	-0.6062	11.7288	21.8947	-3.4310	18.6963	-2.9433	14.3417	0.0499	0.7060	1.5900	18.0195
17.8436	12.9314	12.8363	14.2413	14.2500	17.5792	12.7859	13.6048	0.4784	-0.5945	11.7685	21.8891	-3.4397	18.6517	-3.3884	14.3838	0.0500	0.6982	1.7500	19.3906
17.8244	12.9616	12.9009	14.2430	14.2500	17.5094	12.8223	13.6213	0.4728	-0.6107	11.7795	21.9117	-3.4397	18.6517	-4.0299	14.3698	0.0500	0.6929	2.0000	21.3086
18.0140	13.0078	12.9716	14.2480	14.2500	17.6489	12.8471	13.6500	0.4723	-0.6085	11.6991	21.8722	-3.4083	18.6321	-4.5666	14.3417	0.0497	0.6997	2.2500	23.2305
18.0662	12.9761	12.9048	14.2480	14.2500	17.7619	12.8692	13.6665	0.4773	-0.6051	11.6346	21.8524	-3.4188	18.6461	-5.2995	14.3838	0.0498	0.7072	2.5000	25.1602

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17.8708	12.8727	12.8267	14.2368	14.2500	11.8877	11.9168	12.7584	-0.0069	-0.9041	12.0751	39.2671	-7.5527	32.1114	-4.5535	14.3417	0.1001	0.7029	0.0000	0.2188
17.9257	12.8571	12.8222	14.2362	14.2500	11.8761	11.8892	12.7485	0.0014	-0.9097	12.0454	39.2756	-7.5719	32.1588	-4.8415	14.4119	0.1002	0.7072	0.0400	0.8789
17.9532	12.8517	12.8289	14.2379	14.2500	11.8396	11.8754	12.7584	0.0075	-0.9159	12.0201	39.2417	-7.5388	32.1560	-5.1032	14.3838	0.1000	0.7089	0.0800	1.5977
17.9697	12.8867	12.8250	14.2463	14.2500	11.8113	11.8589	12.7523	0.0080	-0.9226	11.9936	39.2445	-7.5527	32.1337	-5.4435	14.3838	0.1001	0.7085	0.1200	2.2500
17.9614	12.8765	12.8345	14.2385	14.2500	11.8097	11.8451	12.7485	0.0130	-0.9254	11.9727	39.2502	-7.4952	32.1644	-5.6529	14.3698	0.0997	0.7081	0.1600	2.9688
17.9367	12.9072	12.8384	14.2491	14.2500	11.8595	11.8528	12.7650	0.0174	-0.9361	11.9799	39.2389	-7.5475	32.1309	-5.9277	14.2995	0.1000	0.7050	0.2000	3.6289
17.9587	12.8641	12.8139	14.2401	14.2500	12.1285	11.8605	12.7782	0.0805	-0.9215	11.9419	39.2643	-7.5510	32.1477	-6.1632	14.3838	0.1001	0.7093	0.2600	4.3984
17.9395	12.8878	12.8634	14.2424	14.2500	12.8078	11.8661	12.8041	0.1762	-0.8358	11.9479	39.2727	-7.5545	32.1700	-6.4249	14.3698	0.1001	0.7050	0.3200	5.2188
17.9587	12.8614	12.8361	14.2469	14.2500	13.6764	11.8699	12.8569	0.2658	-0.6745	11.9066	39.2671	-7.5614	32.1588	-6.6996	14.3979	0.1002	0.7085	0.3800	5.9883
17.9642	12.8668	12.8150	14.2469	14.2500	14.7293	11.9157	12.9224	0.3592	-0.5143	11.9000	39.2981	-7.5893	32.1783	-6.9743	14.3698	0.1004	0.7095	0.4400	6.8086
17.9092	12.8856	12.8200	14.2474	14.2500	15.7640	11.9951	12.9896	0.4698	-0.3714	11.8862	39.2784	-7.5754	32.1533	-7.2491	14.3557	0.1003	0.7051	0.5000	7.5781
17.8735	12.8878	12.8278	14.2469	14.2500	16.9216	12.0933	13.0644	0.5810	-0.1961	11.8824	39.2530	-7.5823	32.1616	-7.5238	14.3557	0.1003	0.7024	0.5900	8.5664
17.8433	12.8862	12.8495	14.2385	14.2500	17.4514	12.1842	13.1222	0.6424	-0.0471	11.8829	39.2784	-7.5475	32.1616	-7.8115	14.3838	0.1001	0.6996	0.6800	9.5586
17.8350	12.9131	12.8723	14.2418	14.2500	17.5660	12.2808	13.1723	0.6429	0.0022	11.8763	39.3066	-7.5719	32.1839	-8.0731	14.3838	0.1003	0.6969	0.7700	10.5469
17.8955	12.8959	12.8417	14.2429	14.2500	17.6158	12.3353	13.2021	0.6324	-0.0236	11.8405	39.3066	-7.5841	32.1700	-8.3477	14.3698	0.1004	0.7028	0.8600	11.4766
17.9807	12.9104	12.8851	14.2480	14.2500	17.7038	12.3960	13.2428	0.6241	-0.0858	11.7893	39.2869	-7.5667	32.1783	-8.5177	14.3838	0.1002	0.7056	0.9500	12.4688
18.0384	12.9718	12.9458	14.2379	14.2500	17.7487	12.4649	13.3023	0.6142	-0.1619	11.7629	39.3010	-7.5754	32.1421	-9.0016	14.3698	0.1003	0.7039	1.1100	13.8398
17.9724	12.9567	12.9213	14.2435	14.2500	17.7121	12.5333	13.3529	0.5860	-0.2426	11.7519	39.2981	-7.6033	32.1867	-9.4723	14.3838	0.1005	0.7015	1.2700	15.2695
18.0356	12.9782	12.9369	14.2418	14.2500	17.7071	12.5962	13.4008	0.5821	-0.2930	11.7084	39.3151	-7.5736	32.1728	-9.6292	14.3698	0.1003	0.7038	1.4300	16.6367
18.0439	12.9589	12.9380	14.2413	14.2500	17.7437	12.6408	13.4393	0.5688	-0.3518	11.6610	39.3066	-7.5754	32.1728	-10.0737	14.3557	0.1003	0.7051	1.5900	18.0664
18.0878	13.0240	13.0070	14.2407	14.2500	17.7503	12.6850	13.4740	0.5539	-0.3899	11.6610	39.2727	-7.5980	32.1393	-10.5182	14.3838	0.1004	0.7021	1.7500	19.4492
17.9532	12.9820	12.9519	14.2390	14.2500	17.7071	12.7247	13.5120	0.5279	-0.4426	11.6698	39.3094	-7.5876	32.1505	-10.8711	14.3417	0.1004	0.6979	2.0000	21.3672
17.9669	13.0294	13.0081	14.2413	14.2500	17.6640	12.7638	13.5439	0.5052	-0.4773	11.6759	39.3405	-7.6172	32.2007	-11.3285	14.3557	0.1007	0.6943	2.2500	23.2891
17.9999	13.0428	12.9892	14.2446	14.2500	17.6855	12.8068	13.5797	0.4991	-0.4941	11.6995	39.3066	-7.5614	32.1923	-11.7598	14.3135	0.1002	0.6966	2.5000	25.2695

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18.0278	12.9394	12.9384	14.2415	14.2500	11.5961	11.6177	12.5700	-0.0397	-0.9852	12.0658	56.6132	-11.7765	45.6606	-8.7139	14.3417	0.1507	0.7050	0.0000	0.2695
18.0965	12.9346	12.9429	14.2365	14.2500	11.5529	11.5752	12.5458	-0.0254	-1.0031	11.9986	56.6160	-11.7800	45.6578	-8.9754	14.2714	0.1507	0.7092	0.0400	0.9297
18.1295	12.9346	12.9022	14.2353	14.2500	11.5230	11.5515	12.5392	-0.0303	-1.0065	11.9639	56.6075	-11.7417	45.6494	-9.2631	14.3838	0.1504	0.7130	0.0800	1.5898
18.1405	12.9529	12.9195	14.2460	14.2500	11.4798	11.5234	12.5293	-0.0436	-1.0462	11.9364	56.6160	-11.7382	45.6410	-9.4854	14.2995	0.1504	0.7121	0.1200	2.3008
18.0883	12.9427	12.8956	14.2387	14.2500	11.4632	11.5035	12.5370	-0.0453	-1.0843	11.9287	56.6216	-11.7696	45.6355	-9.6684	14.3276	0.1506	0.7104	0.1600	2.9609
18.0828	12.9243	12.8945	14.2421	14.2500	11.4350	11.5013	12.5408	-0.0276	-1.0944	11.9540	56.6442	-11.7242	45.6689	-9.9038	14.3698	0.1503	0.7109	0.2000	3.6797
18.0608	12.9276	12.9540	14.2404	14.2500	11.4832	11.5035	12.5447	0.0427	-1.0883	11.9072	56.6555	-11.8062	45.6884	-10.0868	14.3838	0.1509	0.7068	0.2600	4.4492
18.0745	12.9308	12.9067	14.2404	14.2500	11.6194	11.5206	12.5711	0.1234	-1.0883	11.8940	56.6273	-11.8044	45.6606	-10.4005	14.3979	0.1509	0.7096	0.3200	5.2695
18.0663	12.9335	12.9195	14.2376	14.2500	12.2787	11.5581	12.5975	0.1953	-0.9869	11.8725	56.6583	-11.8236	45.6606	-10.4790	14.3838	0.1511	0.7084	0.3800	6.0430
18.0965	12.9620	12.9512	14.2348	14.2500	13.4462	11.5548	12.6515	0.2915	-0.7415	11.8615	56.7345	-11.8236	45.7080	-10.7142	14.3838	0.1511	0.7077	0.4400	6.8594
18.1240	12.9739	12.9267	14.2415	14.2500	14.5108	11.5680	12.7263	0.4248	-0.4497	11.8367	56.6978	-11.8219	45.6522	-10.9103	14.3838	0.1511	0.7099	0.5000	7.6328
18.1020	12.9717	12.9284	14.2365	14.2500	15.8975	11.6734	12.8287	0.5636	-0.1780	11.7871	56.6583	-11.8341	45.5964	-11.0149	14.3698	0.1511	0.7086	0.5900	8.6211
18.1048	12.9545	12.9356	14.2426	14.2500	17.0800	11.8074	12.9185	0.6753	0.0824	11.7822	56.6245	-11.8358	45.5630	-11.3808	14.3698	0.1511	0.7092	0.6800	9.6094
18.0938	12.9701	12.9574	14.2353	14.2500	17.6397	11.9204	12.9807	0.7400	0.2628	11.7701	56.5878	-11.7922	45.5490	-11.5246	14.2995	0.1507	0.7069	0.7700	10.5430
18.0993	12.9389	12.9201	14.2370	14.2500	17.7925	12.0219	13.0390	0.7472	0.3239	11.7574	56.5003	-11.7800	45.4682	-11.8644	14.3979	0.1506	0.7102	0.8600	11.5313
18.0938	12.9647	12.9457	14.2432	14.2500	17.8141	12.1289	13.0902	0.7345	0.2953	11.7348	56.3508	-11.7974	45.3733	-12.0212	14.3838	0.1505	0.7076	0.9500	12.5195
18.0938	13.0062	13.0147	14.2437	14.2500	17.8340	12.2689	13.1640	0.6986	0.1878	11.7332	56.2747	-11.7207	45.3036	-12.3086	14.3698	0.1499	0.7029	1.1100	13.8906
18.0581	13.0272	13.0075	14.2393	14.2500	17.8108	12.3754	13.2317	0.6582	0.0561	11.6737	56.2888	-11.8079	45.3092	-12.5700	14.3979	0.1505	0.7001	1.2700	15.3203
18.0773	13.0342	13.0108	14.2387	14.2500	17.7726	12.4724	13.2928	0.6333	-0.0632	11.6974	56.3001	-11.8341	45.2925	-12.9881	14.3698	0.1507	0.7008	1.4300	16.6914
18.0086	13.0471	13.0359	14.2376	14.2500	17.7294	12.5469	13.3363	0.6079	-0.1517	11.6814	56.3537	-11.8096	45.3176	-13.1971	14.3838	0.1506	0.6949	1.5900	18.0703
18.0718	13.0245	13.0320	14.2398	14.2500	17.7211	12.6031	13.3875	0.5835	-0.2206	11.6957	56.3903	-11.8009	45.3427	-13.5106	14.3838	0.1506	0.7000	1.7500	19.5000
18.1075	13.0492	13.0442	14.2432	14.2500	17.7676	12.6759	13.4514	0.5608	-0.3125	11.6500	56.2662	-11.8009	45.2507	-13.8372	14.3698	0.1504	0.7006	2.0000	21.4219
18.0910	13.0858	13.1194	14.2387	14.2500	17.7809	12.7272	13.5009	0.5393	-0.3836	11.6214	56.0885	-11.7678	45.0778	-14.2944	14.3838	0.1500	0.6948	2.2500	23.3398
18.1487	13.1424	13.1166	14.2409	14.2500	17.7842	12.7845	13.5493	0.5293	-0.4206	11.6533	56.0772	-11.8009	45.0555	-14.6601	14.3698	0.1502	0.6961	2.5000	25.2617

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15.8671	13.3875	13.3473	14.2473	14.2500	13.0306	13.0534	13.4700	0.0184	-0.4232	13.0989	22.2143	-3.4443	18.9874	-11.1848	14.2433	0.0504	0.5010	0.0000	0.2227
15.9221	13.3912	13.3333	14.2417	14.2500	13.0223	13.0374	13.4535	0.0179	-0.4299	13.1005	22.2059	-3.4269	18.9651	-11.2763	14.2854	0.0502	0.5067	0.0400	0.9297
15.8754	13.3945	13.3690	14.2468	14.2500	13.0040	13.0275	13.4540	0.0195	-0.4350	13.0818	22.2312	-3.4216	18.9651	-11.4592	14.2854	0.0502	0.5002	0.0800	1.5898
15.8342	13.3799	13.3506	14.2434	14.2500	12.9857	13.0237	13.4496	0.0107	-0.4479	13.0780	22.2228	-3.4112	19.0181	-11.4723	14.2995	0.0501	0.4981	0.1200	2.2500
15.9001	13.4504	13.4191	14.2372	14.2500	13.0389	13.0292	13.4623	0.0372	-0.4451	13.0846	22.2256	-3.4356	18.9707	-11.5246	14.3135	0.0503	0.4965	0.1600	2.9727
15.9221	13.3945	13.3495	14.2462	14.2500	13.1518	13.0308	13.4689	0.0488	-0.4540	13.1209	22.2369	-3.4426	18.9930	-11.7206	14.2714	0.0504	0.5056	0.2000	3.6211
15.9138	13.3945	13.3417	14.2406	14.2500	13.4674	13.0253	13.4782	0.0892	-0.4227	13.0691	22.2595	-3.4304	18.9958	-11.7337	14.2433	0.0503	0.5053	0.2600	4.4492
15.9303	13.3918	13.3350	14.2462	14.2500	13.8560	13.0336	13.5113	0.1368	-0.3795	13.0444	22.2341	-3.4338	18.9958	-11.9036	14.3276	0.0503	0.5073	0.3200	5.2227
15.9028	13.3826	13.3439	14.2473	14.2500	14.3459	13.0562	13.5393	0.1727	-0.3414	13.0510	22.2341	-3.4478	18.9874	-11.9166	14.2573	0.0504	0.5048	0.3800	5.9922
15.9413	13.3740	13.3194	14.2457	14.2500	14.8242	13.0843	13.5669	0.2164	-0.2893	13.0444	22.2397	-3.4338	18.9790	-12.1649	14.3276	0.0503	0.5102	0.4400	6.8125
15.9441	13.3788	13.3567	14.2457	14.2500	15.2427	13.1064	13.5867	0.2435	-0.2389	13.0300	22.2369	-3.4234	18.9846	-12.2564	14.2573	0.0502	0.5081	0.5000	7.5820
15.9578	13.3988	13.3712	14.2412	14.2500	15.6065	13.1477	13.6164	0.2678	-0.1807	13.0295	22.2510	-3.4478	18.9763	-12.4654	14.2714	0.0504	0.5075	0.5900	8.5703
15.9688	13.4047	13.3478	14.2462	14.2500	15.7526	13.1731	13.6373	0.2833	-0.1588	13.0267	22.2623	-3.4495	18.9986	-12.4916	14.2573	0.0505	0.5095	0.6800	9.5625
15.8946	13.3449	13.2994	14.2423	14.2500	15.7858	13.1929	13.6483	0.2750	-0.1656	13.0196	22.2312	-3.4286	18.9902	-12.5700	14.3417	0.0503	0.5086	0.7700	10.4922
15.9028	13.3955	13.3467	14.2462	14.2500	15.7825	13.2227	13.6649	0.2739	-0.1874	13.0053	22.2482	-3.4530	18.9623	-12.7398	14.3557	0.0505	0.5039	0.8600	11.4805
15.9028	13.3982	13.3356	14.2445	14.2500	15.7775	13.2321	13.6753	0.2711	-0.2115	12.9937	22.2792	-3.4338	19.0097	-12.8182	14.2573	0.0504	0.5044	0.9500	12.4727
15.9523	13.3794	13.3189	14.2462	14.2500	15.7759	13.2509	13.6946	0.2739	-0.2333	12.9915	22.1861	-3.4077	18.9484	-12.9750	14.2573	0.0500	0.5110	1.1100	13.8398
15.9303	13.4052	13.3679	14.2423	14.2500	15.7692	13.2575	13.7067	0.2745	-0.2742	12.9810	22.0535	-3.3850	18.8591	-13.1318	14.2854	0.0497	0.5048	1.2700	15.2695
15.9523	13.3595	13.3350	14.2417	14.2500	15.7808	13.2828	13.7243	0.2700	-0.2933	12.9827	22.0169	-3.3972	18.8229	-13.3408	14.2433	0.0498	0.5112	1.4300	16.6406
15.9386	13.4020	13.3740	14.2468	14.2500	15.7742	13.2850	13.7359	0.2645	-0.3112	12.9678	21.9802	-3.3903	18.7867	-13.4845	14.2293	0.0497	0.5054	1.5900	18.0117
15.9331	13.3961	13.3489	14.2457	14.2500	15.7426	13.3071	13.7551	0.2651	-0.3129	12.9788	21.9689	-3.3554	18.8062	-13.7327	14.2714	0.0494	0.5066	1.7500	19.4414
15.9386	13.4020	13.3773	14.2445	14.2500	15.7410	13.3132	13.7596	0.2529	-0.3420	12.9601	22.0592	-3.3903	18.8703	-13.9548	14.3557	0.0498	0.5052	2.0000	21.3711
16.0018	13.3955	13.3701	14.2457	14.2500	15.7792	13.3159	13.7667	0.2452	-0.3560	12.9474	22.0281	-3.3676	18.8257	-14.0984	14.2714	0.0496	0.5118	2.2500	23.2891
16.0210	13.4391	13.4129	14.2473	14.2500	15.7925	13.3347	13.7832	0.2446	-0.3571	12.9562	21.9915	-3.3798	18.8173	-14.2291	14.2433	0.0496	0.5088	2.5000	25.2109

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15.9109	13.4114	13.3817	14.2420	14.2500	12.7844	12.7891	13.2955	-0.0170	-0.5092	13.0953	39.1231	-7.6136	31.9890	-8.5308	14.2293	0.1004	0.5018	0.0000	0.2188
15.9246	13.4130	13.4051	14.2420	14.2500	12.7728	12.7792	13.2867	-0.0114	-0.5232	13.0788	39.0074	-7.5839	31.9165	-8.7139	14.3417	0.1000	0.5017	0.0400	0.8789
15.9438	13.3925	13.3644	14.2431	14.2500	12.7379	12.7670	13.2779	-0.0341	-0.5277	13.0557	39.0046	-7.5874	31.8329	-8.8316	14.2573	0.1001	0.5069	0.0800	1.6016
15.9466	13.3812	13.3450	14.2398	14.2500	12.7230	12.7406	13.2735	-0.0496	-0.5635	13.0413	39.0018	-7.6066	31.8580	-9.1062	14.2573	0.1002	0.5089	0.1200	2.2617
15.9603	13.3920	13.3594	14.2409	14.2500	12.7047	12.7323	13.2757	-0.0385	-0.5826	13.0314	39.0216	-7.5857	31.8914	-9.0670	14.2573	0.1001	0.5088	0.1600	2.9688
15.9796	13.4157	13.4101	14.2426	14.2500	12.6964	12.7213	13.2774	-0.0313	-0.5921	13.0270	39.0385	-7.6031	31.8914	-9.1454	14.3417	0.1002	0.5064	0.2000	3.6289
15.9850	13.4082	13.4001	14.2443	14.2500	12.7080	12.7202	13.2834	0.0223	-0.5860	13.0221	39.0300	-7.6101	31.9109	-9.3285	14.2854	0.1002	0.5079	0.2600	4.4492
16.0290	13.3839	13.3756	14.2375	14.2500	12.8010	12.7367	13.2950	0.0820	-0.5820	13.0028	39.0300	-7.6031	31.9054	-9.3808	14.3135	0.1002	0.5146	0.3200	5.2188
15.9796	13.3920	13.3628	14.2426	14.2500	13.1016	12.7483	13.3076	0.1379	-0.5434	12.9984	39.0187	-7.6310	31.8747	-9.5508	14.3557	0.1004	0.5104	0.3800	6.0508
16.0125	13.3958	13.3734	14.2420	14.2500	13.5832	12.7599	13.3308	0.1744	-0.4174	13.0099	39.0357	-7.6101	31.8747	-9.6946	14.2854	0.1003	0.5126	0.4400	6.8086
15.9823	13.3898	13.3845	14.2426	14.2500	14.0350	12.7505	13.3572	0.2076	-0.2252	12.9780	39.0413	-7.6118	31.8691	-9.7992	14.3979	0.1003	0.5095	0.5000	7.6406
16.0235	13.3753	13.3422	14.2392	14.2500	14.6229	12.7830	13.4084	0.2457	-0.0376	12.9841	39.0469	-7.5979	31.8747	-9.9691	14.2854	0.1002	0.5164	0.5900	8.6289
16.0180	13.3823	13.3439	14.2415	14.2500	15.1527	12.8503	13.4414	0.2745	0.0840	12.9813	39.0187	-7.6205	31.8886	-10.0476	14.2854	0.1003	0.5155	0.6800	9.5586
15.9905	13.3990	13.3522	14.2437	14.2500	15.5828	12.9093	13.4739	0.3054	0.1691	12.9730	39.0498	-7.6136	31.8830	-10.1914	14.2714	0.1003	0.5116	0.7700	10.5508
15.9741	13.3909	13.3672	14.2454	14.2500	15.7904	12.9534	13.5058	0.3254	0.1926	12.9670	39.0526	-7.5944	31.9109	-10.3090	14.2293	0.1002	0.5097	0.8600	11.5391
15.9960	13.4060	13.3912	14.2443	14.2500	15.8236	13.0042	13.5306	0.3331	0.1730	12.9653	39.0074	-7.6031	31.8914	-10.5443	14.2995	0.1002	0.5095	0.9500	12.4688
15.9823	13.4076	13.3767	14.2420	14.2500	15.8236	13.0847	13.5801	0.3270	0.0896	12.9830	39.0413	-7.6380	31.8747	-10.7012	14.3417	0.1005	0.5090	1.1100	13.8984
15.9328	13.4351	13.4112	14.2403	14.2500	15.8004	13.1393	13.6044	0.3154	0.0100	12.9642	39.0554	-7.6537	31.8970	-10.8449	14.3417	0.1006	0.5009	1.2700	15.2695
15.9603	13.4437	13.4073	14.2437	14.2500	15.7921	13.1961	13.6407	0.3110	-0.0729	12.9780	39.0582	-7.6415	31.8663	-10.9887	14.2854	0.1005	0.5033	1.4300	16.6484
15.9988	13.4641	13.4596	14.2448	14.2500	15.8120	13.2242	13.6583	0.2983	-0.1199	12.9521	39.0441	-7.5438	31.9109	-11.1978	14.3838	0.0998	0.5028	1.5900	18.0703
15.9878	13.4286	13.4151	14.2431	14.2500	15.8203	13.2407	13.6721	0.2656	-0.1737	12.9444	38.9228	-7.5996	31.7994	-11.3678	14.2573	0.1000	0.5062	1.7500	19.4492
16.0153	13.4243	13.4017	14.2443	14.2500	15.8236	13.2606	13.6979	0.2651	-0.2207	12.9395	38.9454	-7.6188	31.7827	-11.6291	14.2854	0.1002	0.5097	2.0000	21.3711
15.9796	13.4313	13.4112	14.2493	14.2500	15.8087	13.2744	13.7200	0.2623	-0.2712	12.9367	38.9482	-7.6223	31.7771	-11.8774	14.2995	0.1002	0.5055	2.2500	23.3516
15.9960	13.4442	13.4418	14.2482	14.2500	15.7971	13.3124	13.7491	0.2501	-0.2913	12.9692	38.9510	-7.6292	31.7827	-12.0342	14.2573	0.1003	0.5046	2.5000	25.2695

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15.9880	13.4720	13.4516	14.2333	14.2500	12.3355	12.3128	12.9988	-0.0214	-0.6491	13.0699	56.0286	-11.7512	45.0628	-10.6489	14.2714	0.1498	0.5018	0.0000	0.2188
16.0100	13.4456	13.4338	14.2305	14.2500	12.3006	12.2913	12.9889	-0.0087	-0.6648	13.0517	56.0229	-11.7878	45.0488	-10.7665	14.2995	0.1500	0.5063	0.0400	0.8789
16.0265	13.4268	13.4266	14.2417	14.2500	12.2840	12.2698	12.9906	-0.0004	-0.6990	13.0429	56.0201	-11.7826	45.0433	-10.7927	14.2854	0.1500	0.5093	0.0800	1.5898
16.0375	13.4273	13.3826	14.2367	14.2500	12.2309	12.2400	13.0016	0.0073	-0.7836	13.0270	56.0201	-11.7686	45.0488	-10.9887	14.3557	0.1499	0.5126	0.1200	2.2500
16.0018	13.4483	13.4271	14.2350	14.2500	12.2342	12.2482	13.0225	0.0250	-0.8088	13.0137	56.0370	-11.7529	45.0628	-10.9364	14.2854	0.1498	0.5058	0.1600	2.9688
16.0402	13.4192	13.3999	14.2345	14.2500	12.2608	12.2819	13.0561	0.0405	-0.8015	13.0160	56.0229	-11.7494	45.0488	-11.0933	14.3698	0.1498	0.5124	0.2000	3.6289
16.0072	13.4181	13.4127	14.2401	14.2500	12.3189	12.3221	13.0825	0.0521	-0.7589	13.0016	56.0257	-11.7616	45.0405	-11.2109	14.3135	0.1499	0.5087	0.2600	4.3984
16.0210	13.4246	13.4255	14.2401	14.2500	12.3804	12.3789	13.1045	0.0427	-0.7158	13.0055	56.0257	-11.7703	45.0600	-11.3285	14.2573	0.1499	0.5089	0.3200	5.2188
16.0018	13.4386	13.4400	14.2384	14.2500	12.4651	12.4402	13.1337	0.0599	-0.6777	12.9967	56.0060	-11.7337	45.0349	-11.3285	14.2714	0.1496	0.5056	0.3800	6.0391
16.0265	13.4246	13.3949	14.2384	14.2500	12.6394	12.4986	13.1458	0.0715	-0.6598	13.0055	55.9862	-11.7442	45.0210	-11.4984	14.2854	0.1497	0.5111	0.4400	6.8086
16.0155	13.4359	13.4316	14.2412	14.2500	13.1493	12.5185	13.1546	0.1019	-0.5634	12.9967	55.9721	-11.7703	45.0210	-11.6683	14.2293	0.1499	0.5075	0.5000	7.6406
16.0210	13.4365	13.4143	14.2395	14.2500	13.9183	12.4854	13.1854	0.1456	-0.2363	12.9873	55.9919	-11.7355	45.0461	-11.6422	14.3276	0.1496	0.5089	0.5900	8.5703
16.0210	13.4461	13.4405	14.2429	14.2500	14.6324	12.4848	13.2361	0.2341	0.0919	12.9923	55.9806	-11.7459	45.0042	-11.8252	14.2995	0.1497	0.5069	0.6800	9.5586
16.0072	13.4494	13.4411	14.2378	14.2500	15.1954	12.5344	13.2988	0.2850	0.2841	12.9895	56.0145	-11.8070	44.9987	-11.9950	14.3276	0.1502	0.5054	0.7700	10.5508
15.9935	13.4553	13.4522	14.2490	14.2500	15.5558	12.6172	13.3539	0.3375	0.3720	12.9873	56.0173	-11.7669	44.9847	-12.0473	14.2573	0.1499	0.5032	0.8600	11.5391
15.9523	13.4784	13.5045	14.2423	14.2500	15.7219	12.7021	13.4018	0.3646	0.3927	12.9950	56.1047	-11.8314	45.0488	-12.1780	14.3698	0.1505	0.4951	0.9500	12.4688
15.9990	13.4537	13.4477	14.2345	14.2500	15.7734	12.8300	13.4701	0.3823	0.3384	13.0066	56.2486	-11.8749	45.1353	-12.3479	14.3417	0.1509	0.5041	1.1100	13.8984
15.9578	13.5145	13.4978	14.2322	14.2500	15.7883	12.9585	13.5251	0.3690	0.2236	13.0082	56.0145	-11.7930	45.0210	-12.5046	14.2714	0.1501	0.4940	1.2700	15.2695
15.9605	13.4892	13.4878	14.2367	14.2500	15.7684	13.0710	13.5730	0.3513	0.1076	13.0016	56.0568	-11.8279	44.9847	-12.6353	14.2995	0.1504	0.4962	1.4300	16.6406
15.9523	13.4612	13.4572	14.2378	14.2500	15.7767	13.1361	13.6099	0.3281	0.0270	12.9802	56.0822	-11.8732	45.0042	-12.7529	14.3698	0.1507	0.4987	1.5900	18.0703
15.9660	13.4671	13.4444	14.2445	14.2500	15.7866	13.1945	13.6358	0.3060	-0.0576	12.9824	56.1499	-11.8697	45.0712	-12.9227	14.3276	0.1508	0.5004	1.7500	19.4492
15.9770	13.4634	13.4767	14.2367	14.2500	15.8099	13.2326	13.6737	0.2833	-0.1433	12.9598	56.1217	-11.8749	45.0572	-13.0403	14.2995	0.1508	0.4999	2.0000	21.3672
16.0375	13.4574	13.4411	14.2417	14.2500	15.8431	13.2524	13.6974	0.2850	-0.2038	12.9273	56.1188	-11.9185	45.0349	-13.3408	14.3698	0.1511	0.5078	2.2500	23.2891
16.0649	13.4736	13.4656	14.2395	14.2500	15.8282	13.2795	13.7222	0.2678	-0.2520	12.9328	56.0455	-11.8749	44.9847	-13.5629	14.3135	0.1507	0.5081	2.5000	25.2695

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15.8188	13.3403	13.3024	14.1963	14.2000	14.6733	13.3019	13.5621	-0.1345	-0.0904	13.0983	19.6843	-3.5861	16.2972	0.3969	11.9016	0.0488	0.5016	0.0000	0.2227
15.8600	13.3371	13.2607	14.1941	14.2000	14.6833	13.2958	13.5538	-0.1323	-0.0882	13.0608	19.6871	-3.6001	16.2581	-0.0093	11.8736	0.0489	0.5080	0.0400	0.9414
15.8381	13.3538	13.2685	14.1975	14.2000	14.7314	13.2914	13.5527	-0.1379	-0.0837	13.0531	19.6645	-3.6018	16.2637	-0.2189	11.8876	0.0488	0.5045	0.0800	1.5898
15.8546	13.3457	13.2768	14.1930	14.2000	14.8128	13.3024	13.5522	-0.1522	-0.0742	13.0470	19.7605	-3.6454	16.3278	-0.3892	11.9576	0.0493	0.5061	0.1200	2.2500
15.8243	13.3451	13.2880	14.1980	14.2000	14.8743	13.3052	13.5560	-0.1556	-0.0663	13.0476	19.8789	-3.6960	16.3808	-0.7168	11.9576	0.0498	0.5026	0.1600	2.9727
15.7886	13.3656	13.3047	14.1913	14.2000	14.9473	13.3212	13.5549	-0.1661	-0.0663	13.0531	19.8818	-3.6838	16.3669	-1.0705	11.9576	0.0497	0.4972	0.2000	3.6328
15.8188	13.3661	13.2997	14.2025	14.2000	15.0204	13.3416	13.5615	-0.1804	-0.0742	13.0421	19.8705	-3.6873	16.3808	-1.2014	11.9296	0.0497	0.5003	0.2600	4.4023
15.7749	13.3430	13.2908	14.1969	14.2000	15.1034	13.3625	13.5715	-0.1959	-0.0898	13.0415	19.8846	-3.6524	16.3697	-1.4110	11.8596	0.0495	0.4979	0.3200	5.2227
15.7969	13.3866	13.3158	14.1902	14.2000	15.1848	13.3818	13.5814	-0.2097	-0.1027	13.0459	19.8846	-3.6838	16.3975	-1.7254	11.9156	0.0497	0.4961	0.3800	5.9922
15.8133	13.3742	13.3191	14.2019	14.2000	15.2513	13.4006	13.5918	-0.2214	-0.1173	13.0333	19.8677	-3.7082	16.3725	-1.8825	11.9156	0.0499	0.4982	0.4400	6.8125
15.7941	13.3726	13.3013	14.1986	14.2000	15.3575	13.4149	13.5968	-0.2302	-0.1352	13.0184	19.8846	-3.6907	16.3697	-2.0135	11.8316	0.0498	0.4975	0.5000	7.5820
15.8243	13.3699	13.3041	14.1991	14.2000	15.4705	13.4270	13.6105	-0.2374	-0.1610	13.0168	19.8818	-3.6942	16.3920	-2.3933	11.8736	0.0498	0.5003	0.5900	8.5703
15.8436	13.3500	13.2935	14.1969	14.2000	15.5419	13.4309	13.6265	-0.2335	-0.1761	12.9947	19.8818	-3.6803	16.3752	-2.5635	11.8596	0.0497	0.5039	0.6800	9.5625
15.8463	13.3591	13.3125	14.1986	14.2000	15.6166	13.4414	13.6353	-0.2252	-0.1974	12.9876	19.8536	-3.6803	16.4087	-2.8909	11.9016	0.0496	0.5026	0.7700	10.4922
15.8216	13.3495	13.3013	14.1991	14.2000	15.6415	13.4430	13.6469	-0.2114	-0.2159	12.9870	19.8789	-3.6942	16.3920	-3.1397	11.8596	0.0498	0.5014	0.8600	11.4805
15.8326	13.3581	13.3075	14.1969	14.2000	15.6731	13.4375	13.6535	-0.2009	-0.2316	12.9754	19.8846	-3.6960	16.3613	-3.3230	11.8456	0.0498	0.5016	0.9500	12.4727
15.8353	13.3909	13.3542	14.1963	14.2000	15.6665	13.4381	13.6667	-0.1865	-0.2456	12.9777	19.8564	-3.6960	16.3557	-3.7550	11.8596	0.0498	0.4974	1.1100	13.8398
15.8133	13.3877	13.3208	14.1907	14.2000	15.6665	13.4436	13.6788	-0.1755	-0.2528	12.9799	19.8789	-3.6907	16.4031	-4.0692	11.8596	0.0497	0.4974	1.2700	15.2695
15.8298	13.3731	13.3381	14.1975	14.2000	15.6698	13.4425	13.6799	-0.1699	-0.2652	12.9765	19.8789	-3.6942	16.3975	-4.3441	11.8596	0.0498	0.4988	1.4300	16.6406
15.8216	13.3828	13.3275	14.1952	14.2000	15.6781	13.4403	13.6865	-0.1616	-0.2730	12.9540	19.9100	-3.6820	16.3808	-4.6844	11.8456	0.0497	0.4980	1.5900	18.0195
15.8353	13.3780	13.3164	14.1958	14.2000	15.6731	13.4370	13.6887	-0.1583	-0.2797	12.9639	19.8705	-3.6925	16.3892	-4.9331	11.8596	0.0498	0.5002	1.7500	19.4492
15.8463	13.3957	13.3230	14.1969	14.2000	15.6698	13.4370	13.6832	-0.1556	-0.2836	12.9534	19.8846	-3.7047	16.4226	-5.4304	11.8596	0.0499	0.4999	2.0000	21.3711
15.8600	13.3882	13.3420	14.1969	14.2000	15.6748	13.4386	13.6986	-0.1478	-0.2887	12.9578	19.8930	-3.6890	16.4115	-5.8622	11.8596	0.0497	0.5006	2.2500	23.2930
15.8930	13.4140	13.3804	14.1969	14.2000	15.6814	13.4348	13.6992	-0.1478	-0.2948	12.9457	19.8874	-3.6785	16.3892	-6.2417	11.8596	0.0497	0.5001	2.5000	25.2109

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15.8395	13.3905	13.3200	14.2018	14.2000	14.8437	13.3000	13.5423	-0.1474	0.0203	13.0982	31.0103	-9.0349	22.4765	-5.1818	11.7197	0.1000	0.4997	0.0000	0.2188
15.8368	13.3620	13.3038	14.2041	14.2000	14.8520	13.2863	13.5362	-0.1425	0.0203	13.0536	31.0103	-9.0262	22.5183	-5.3519	11.7617	0.0999	0.5020	0.0400	0.9414
15.8258	13.3862	13.3372	14.2024	14.2000	14.9135	13.2763	13.5318	-0.1541	0.0282	13.0387	31.0131	-9.0384	22.5016	-5.5220	11.7057	0.1000	0.4977	0.0800	1.6016
15.8203	13.3502	13.3250	14.1985	14.2000	14.9483	13.2796	13.5208	-0.1613	0.0371	13.0332	31.0047	-9.0366	22.4904	-5.6790	11.7057	0.1000	0.4999	0.1200	2.2617
15.8505	13.3852	13.3155	14.2002	14.2000	14.9766	13.2846	13.5175	-0.1756	0.0388	13.0167	31.0103	-9.0558	22.5016	-5.8492	11.5798	0.1001	0.5013	0.1600	2.9688
15.8643	13.3399	13.2983	14.1996	14.2000	14.9948	13.2813	13.5065	-0.1961	0.0299	13.0222	31.0216	-9.0593	22.5016	-6.0716	11.6637	0.1001	0.5061	0.2000	3.6289
15.8698	13.3830	13.3506	14.1996	14.2000	14.9965	13.2868	13.4982	-0.2171	0.0153	12.9804	31.0103	-9.0209	22.4849	-6.2286	11.6218	0.0999	0.5013	0.2600	4.4492
15.8808	13.3749	13.3172	14.2013	14.2000	14.9948	13.2940	13.4949	-0.2376	0.0007	12.9798	31.0272	-9.0436	22.4904	-6.4379	11.6637	0.1000	0.5046	0.3200	5.2188
15.8808	13.3426	13.2960	14.1979	14.2000	15.0164	13.3023	13.4988	-0.2608	-0.0306	12.9782	31.0216	-9.0576	22.5128	-6.4903	11.6218	0.1001	0.5076	0.3800	6.0508
15.8945	13.3787	13.3372	14.2052	14.2000	15.0330	13.3353	13.4999	-0.2763	-0.0497	12.9798	31.0244	-9.0610	22.5044	-6.7519	11.7337	0.1002	0.5046	0.4400	6.8203
15.8890	13.3599	13.3016	14.1968	14.2000	15.0796	13.3502	13.5059	-0.2956	-0.0749	12.9820	31.0385	-9.0767	22.5100	-6.9482	11.6218	0.1003	0.5071	0.5000	7.6406
15.9110	13.3717	13.3261	14.2007	14.2000	15.1726	13.3712	13.5153	-0.3117	-0.1040	12.9649	31.0498	-9.0419	22.5128	-7.0790	11.6917	0.1001	0.5072	0.5900	8.6289
15.8972	13.3669	13.3255	14.2024	14.2000	15.2755	13.3954	13.5296	-0.3238	-0.1365	12.9567	31.0526	-9.0506	22.5016	-7.3537	11.5658	0.1001	0.5062	0.6800	9.5586
15.9137	13.3766	13.3228	14.1990	14.2000	15.4134	13.4142	13.5527	-0.3261	-0.1623	12.9528	31.0611	-9.0419	22.4821	-7.4976	11.6498	0.1001	0.5073	0.7700	10.5508
15.8890	13.3674	13.3239	14.2024	14.2000	15.4981	13.4313	13.5736	-0.3227	-0.1880	12.9561	31.0752	-9.0506	22.4849	-7.7592	11.6078	0.1002	0.5055	0.8600	11.5391
15.8780	13.3922	13.3395	14.2030	14.2000	15.5828	13.4429	13.5973	-0.3089	-0.2093	12.9517	31.0724	-9.0488	22.5211	-7.9423	11.6078	0.1001	0.5022	0.9500	12.5313
15.9000	13.3997	13.3356	14.2018	14.2000	15.6758	13.4556	13.6243	-0.2829	-0.2345	12.9578	31.0583	-9.0593	22.5016	-8.1385	11.5938	0.1002	0.5040	1.1100	13.8984
15.8670	13.4045	13.3679	14.1979	14.2000	15.7057	13.4500	13.6447	-0.2497	-0.2513	12.9649	31.0780	-9.0680	22.4988	-8.3870	11.6218	0.1003	0.4989	1.2700	15.3320
15.8423	13.4358	13.3907	14.1962	14.2000	15.6791	13.4528	13.6617	-0.2271	-0.2586	12.9683	31.0696	-9.0471	22.5351	-8.5570	11.6078	0.1001	0.4935	1.4300	16.6992
15.8643	13.4191	13.3857	14.2018	14.2000	15.6791	13.4489	13.6639	-0.2132	-0.2760	12.9578	31.0724	-9.0680	22.5211	-8.8316	11.6078	0.1003	0.4968	1.5900	18.1289
15.8615	13.4099	13.3757	14.2018	14.2000	15.6841	13.4412	13.6689	-0.2033	-0.2805	12.9583	31.0724	-9.0628	22.5295	-9.0931	11.6358	0.1002	0.4976	1.7500	19.5000
15.8890	13.4325	13.3823	14.2018	14.2000	15.6808	13.4368	13.6705	-0.1939	-0.2788	12.9506	31.0921	-9.0802	22.5072	-9.4462	11.5938	0.1004	0.4986	2.0000	21.4805
15.8890	13.4433	13.4091	14.2013	14.2000	15.6857	13.4340	13.6782	-0.1856	-0.2883	12.9484	31.0724	-9.0680	22.5155	-9.7338	11.6078	0.1003	0.4965	2.2500	23.3984
15.9385	13.4202	13.3734	14.1985	14.2000	15.7140	13.4291	13.6777	-0.1762	-0.2917	12.9589	31.1062	-9.0680	22.5351	-9.9430	11.5798	0.1003	0.5044	2.5000	25.3320

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15.9367	13.4242	13.3814	14.2143	14.2000	15.2046	13.3153	13.5917	-0.1165	-0.1740	13.0422	57.3010	-11.5389	46.2815	-8.8577	11.1044	0.1498	0.5036	0.0000	0.2188
15.8982	13.4301	13.3853	14.2098	14.2000	15.2328	13.2982	13.5812	-0.1176	-0.1594	13.0135	57.2643	-11.5162	46.2954	-9.0016	11.1044	0.1496	0.4994	0.0400	0.9297
15.9037	13.4172	13.3719	14.2137	14.2000	15.2477	13.2855	13.5691	-0.1137	-0.1415	13.0014	57.3066	-11.6034	46.2759	-9.0931	11.1184	0.1502	0.5014	0.0800	1.5898
15.9422	13.4032	13.3602	14.2160	14.2000	15.3042	13.2767	13.5597	-0.1154	-0.1325	12.9865	57.3066	-11.5336	46.2954	-9.2239	11.0625	0.1497	0.5064	0.1200	2.3008
15.9339	13.4188	13.3713	14.2171	14.2000	15.3125	13.2717	13.5476	-0.1159	-0.1146	12.9843	57.2981	-11.5319	46.3150	-9.3677	11.0904	0.1497	0.5042	0.1600	2.9609
15.9174	13.4307	13.3675	14.2148	14.2000	15.2909	13.2629	13.5305	-0.1275	-0.0961	12.9788	57.2840	-11.5772	46.2926	-9.4723	11.1044	0.1500	0.5022	0.2000	3.6211
15.9284	13.4102	13.3558	14.2104	14.2000	15.2311	13.2574	13.5256	-0.1325	-0.1056	12.9838	57.3038	-11.5615	46.3010	-9.5900	11.1044	0.1499	0.5050	0.2600	4.4492
15.9174	13.4361	13.3858	14.2143	14.2000	15.1730	13.2569	13.5129	-0.1519	-0.1129	12.9717	57.2869	-11.5702	46.2926	-9.7076	11.0764	0.1500	0.5009	0.3200	5.2188
15.8872	13.4323	13.3986	14.2154	14.2000	15.1032	13.2613	13.5074	-0.1773	-0.1264	12.9739	57.3010	-11.5755	46.2815	-9.8384	11.0764	0.1500	0.4975	0.3800	6.0391
15.8597	13.4323	13.3842	14.2137	14.2000	15.0468	13.2618	13.4981	-0.2000	-0.1471	12.9849	57.2671	-11.5807	46.2648	-9.9822	11.0764	0.1500	0.4957	0.4400	6.8594
15.8900	13.4199	13.3847	14.2148	14.2000	15.0019	13.2723	13.4926	-0.2238	-0.1695	12.9838	57.2756	-11.5894	46.2452	-10.1521	11.0205	0.1501	0.4992	0.5000	7.6289
15.8762	13.4318	13.4103	14.2132	14.2000	15.0053	13.2811	13.4926	-0.2597	-0.1902	12.9871	57.2699	-11.5232	46.2787	-10.2437	11.0205	0.1496	0.4958	0.5900	8.6211
15.8845	13.4242	13.3897	14.2154	14.2000	15.0368	13.2944	13.4871	-0.2951	-0.2115	12.9579	57.2727	-11.6243	46.2592	-10.3482	11.0205	0.1503	0.4982	0.6800	9.6094
15.9147	13.4377	13.3958	14.2188	14.2000	15.0866	13.3076	13.4909	-0.3239	-0.2446	12.9463	57.2840	-11.6086	46.2313	-10.4920	10.9786	0.1502	0.4999	0.7700	10.6016
15.9312	13.4113	13.3719	14.2137	14.2000	15.1414	13.3153	13.5008	-0.3443	-0.2782	12.9320	57.2812	-11.5807	46.2592	-10.5966	11.0625	0.1500	0.5043	0.8600	11.5313
15.8955	13.4274	13.3708	14.2165	14.2000	15.2295	13.3285	13.5256	-0.3449	-0.3163	12.9370	57.2869	-11.6330	46.2620	-10.7927	10.9786	0.1504	0.5001	0.9500	12.5195
15.9037	13.4156	13.3780	14.2115	14.2000	15.3839	13.3517	13.5669	-0.3377	-0.3661	12.9188	57.2840	-11.6574	46.2118	-11.0410	10.9926	0.1506	0.5011	1.1100	13.9492
15.9477	13.4501	13.4209	14.2120	14.2000	15.5417	13.3710	13.6104	-0.3228	-0.3969	12.9342	57.2869	-11.6382	46.2174	-11.1717	10.9786	0.1505	0.5010	1.2700	15.3203
15.9696	13.4398	13.3786	14.2148	14.2000	15.6995	13.3815	13.6467	-0.2857	-0.4003	12.9150	57.2869	-11.6417	46.2062	-11.3678	10.9926	0.1505	0.5059	1.4300	16.7500
15.9394	13.4431	13.4192	14.2148	14.2000	15.7775	13.3865	13.6643	-0.2420	-0.3969	12.9012	57.2756	-11.6748	46.1811	-11.5638	10.9786	0.1507	0.5007	1.5900	18.1211
16.0026	13.4312	13.4009	14.2115	14.2000	15.8107	13.3793	13.6687	-0.2182	-0.3896	12.8907	57.2840	-11.6661	46.1727	-11.8513	10.9646	0.1507	0.5082	1.7500	19.5508
16.0191	13.4716	13.4382	14.2148	14.2000	15.8290	13.3793	13.6649	-0.1961	-0.3740	12.8742	57.2897	-11.6870	46.1449	-12.0473	10.9227	0.1508	0.5055	2.0000	21.4688
16.0136	13.4447	13.4226	14.2221	14.2000	15.8357	13.3705	13.6632	-0.1851	-0.3555	12.8637	57.3179	-11.6923	46.1755	-12.3217	11.0205	0.1509	0.5073	2.2500	23.4023
16.0383	13.4807	13.4331	14.2143	14.2000	15.8323	13.3721	13.6753	-0.1663	-0.3443	12.9034	57.1289	-11.6278	45.9915	-12.7137	10.8528	0.1502	0.5070	2.5000	25.3203

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17.9437	12.7813	12.6985	14.1967	14.2000	15.6335	12.7801	13.1670	-0.2877	-0.2178	12.1248	21.7974	-3.4542	18.4915	4.7234	13.3729	0.0500	0.7169	0.0000	0.2813
18.0124	12.8114	12.7286	14.2012	14.2000	15.7381	12.7432	13.1582	-0.2783	-0.2278	12.0207	21.8087	-3.4751	18.4971	4.1463	13.3027	0.0502	0.7185	0.0400	0.9297
18.0509	12.8001	12.6985	14.2029	14.2000	15.9274	12.7195	13.1521	-0.2800	-0.2172	11.9645	21.8143	-3.4611	18.4859	3.4906	13.2607	0.0501	0.7227	0.0800	1.5898
18.0454	12.7823	12.6940	14.1956	14.2000	16.1483	12.7321	13.1560	-0.2811	-0.2077	11.9408	21.8284	-3.4960	18.4971	3.0316	13.3589	0.0504	0.7233	0.1200	2.2500
18.0262	12.8189	12.7135	14.2023	14.2000	16.3194	12.7283	13.1549	-0.2977	-0.2026	11.9144	21.8087	-3.4786	18.5138	2.7432	13.3589	0.0502	0.7197	0.1600	2.9688
17.9630	12.7872	12.6796	14.1923	14.2000	16.4738	12.7509	13.1637	-0.3065	-0.1948	11.9265	21.8171	-3.4646	18.5250	2.3105	13.3729	0.0501	0.7187	0.2000	3.6289
17.9163	12.8378	12.7464	14.1973	14.2000	16.6183	12.7740	13.1780	-0.3131	-0.1993	11.9105	21.8341	-3.4646	18.5166	1.8517	13.3448	0.0501	0.7107	0.2600	4.3984
17.8421	12.8249	12.7391	14.1979	14.2000	16.7296	12.8027	13.1978	-0.3286	-0.2122	11.9254	21.8369	-3.4890	18.5361	1.4454	13.3589	0.0503	0.7070	0.3200	5.2188
17.6965	12.8292	12.7553	14.1923	14.2000	16.8425	12.8320	13.2176	-0.3447	-0.2295	11.9441	21.8707	-3.4838	18.5110	1.1570	13.3168	0.0503	0.6970	0.3800	5.9883
17.6250	12.8755	12.7954	14.1967	14.2000	16.8824	12.8744	13.2441	-0.3557	-0.2463	11.9683	21.8566	-3.4699	18.5473	0.7901	13.3729	0.0502	0.6886	0.4400	6.8086
17.6443	12.8329	12.7458	14.2035	14.2000	17.0335	12.9108	13.2683	-0.3530	-0.2598	11.9772	21.8651	-3.4716	18.5612	0.4756	13.3168	0.0502	0.6939	0.5000	7.5781
17.7294	12.8550	12.7597	14.1951	14.2000	17.2312	12.9433	13.3035	-0.3662	-0.2928	11.9221	21.8369	-3.4855	18.5306	-0.0355	13.3168	0.0503	0.6977	0.5900	8.5703
17.8503	12.8432	12.7202	14.1995	14.2000	17.4670	12.9654	13.3277	-0.3662	-0.3242	11.8406	21.8679	-3.4873	18.5445	-0.5071	13.2887	0.0503	0.7076	0.6800	9.5586
17.8943	12.8335	12.7492	14.2018	14.2000	17.5965	12.9665	13.3415	-0.3519	-0.3472	11.7805	21.8538	-3.4943	18.5278	-0.9919	13.3308	0.0504	0.7095	0.7700	10.4883
17.9135	12.8647	12.7775	14.2001	14.2000	17.6248	12.9864	13.3685	-0.3380	-0.3763	11.7938	21.8933	-3.4855	18.5724	-1.4372	13.3027	0.0504	0.7081	0.8600	11.4805
17.9053	12.8685	12.7931	14.2012	14.2000	17.6364	12.9715	13.3723	-0.3270	-0.3914	11.7585	21.9102	-3.4873	18.5640	-1.7123	13.2607	0.0504	0.7067	0.9500	12.4688
17.8943	12.9018	12.8238	14.1973	14.2000	17.5932	12.9836	13.3872	-0.3165	-0.4200	11.7574	21.9102	-3.4821	18.5835	-2.3278	13.2747	0.0503	0.7033	1.1100	13.8398
17.8915	12.8846	12.8020	14.1979	14.2000	17.5666	12.9748	13.3954	-0.3093	-0.4368	11.7189	21.9131	-3.4855	18.5640	-2.7731	13.2607	0.0504	0.7048	1.2700	15.2695
17.8366	12.9126	12.8226	14.1962	14.2000	17.5683	12.9913	13.4191	-0.2888	-0.4401	11.7326	21.9131	-3.4838	18.5556	-3.2313	13.2326	0.0504	0.6992	1.4300	16.6406
17.8613	12.9740	12.8833	14.2007	14.2000	17.5401	12.9919	13.4224	-0.2733	-0.4457	11.7216	21.9074	-3.4716	18.5835	-3.7419	13.2466	0.0503	0.6955	1.5900	18.0703
17.8338	12.9514	12.8661	14.1962	14.2000	17.5484	12.9974	13.4290	-0.2694	-0.4513	11.7062	21.9328	-3.4890	18.5919	-4.3310	13.2466	0.0504	0.6955	1.7500	19.4375
17.8668	12.9541	12.8855	14.1979	14.2000	17.5467	13.0183	13.4461	-0.2551	-0.4469	11.7150	21.9497	-3.4855	18.6532	-4.8938	13.2466	0.0504	0.6966	2.0000	21.3711
17.9245	12.9756	12.9117	14.2012	14.2000	17.5833	13.0382	13.4632	-0.2606	-0.4396	11.7100	21.9413	-3.4751	18.6365	-5.4828	13.2466	0.0503	0.6981	2.2500	23.2891
17.8805	13.0079	12.9696	14.2018	14.2000	17.5783	13.0553	13.4747	-0.2501	-0.4452	11.6924	21.9751	-3.4943	18.6337	-6.2417	13.2466	0.0505	0.6914	2.5000	25.2695

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17.8268	12.8518	12.7912	14.2059	14.2000	15.9758	12.6633	13.0461	-0.3125	0.0610	12.1002	38.7739	-7.4876	31.5967	-4.8546	12.8400	0.0991	0.7026	0.0000	0.2227
17.8378	12.8518	12.7778	14.2026	14.2000	16.0306	12.6164	13.0257	-0.3015	0.0598	12.0259	38.7796	-7.4702	31.6078	-5.0771	12.8540	0.0989	0.7039	0.0400	0.8828
17.8625	12.8572	12.7822	14.2042	14.2000	16.0821	12.5911	13.0097	-0.3064	0.0806	11.9818	38.7655	-7.4859	31.6023	-5.4958	12.8400	0.0990	0.7050	0.0800	1.6016
17.8543	12.8701	12.8346	14.2020	14.2000	16.1685	12.5889	13.0026	-0.3170	0.0879	11.9570	38.7965	-7.4876	31.6190	-5.8361	12.8120	0.0991	0.7017	0.1200	2.2500
17.8680	12.8916	12.8062	14.2087	14.2000	16.1768	12.5933	12.9938	-0.3385	0.0806	11.9477	38.9545	-7.5643	31.7138	-6.0193	12.8681	0.0998	0.7028	0.1600	2.9102
17.8378	12.8970	12.8028	14.2048	14.2000	16.1419	12.6192	12.9954	-0.3778	0.0666	11.9576	39.0871	-7.5748	31.8421	-6.2024	12.8821	0.1001	0.7008	0.2000	3.6328
17.7746	12.9148	12.8735	14.2059	14.2000	16.1153	12.6561	12.9982	-0.4115	0.0386	11.9460	39.1407	-7.5591	31.8783	-6.4379	12.8681	0.1000	0.6930	0.2600	4.4023
17.7499	12.8868	12.8401	14.2037	14.2000	16.0605	12.6865	12.9960	-0.4596	-0.0118	11.9394	39.1576	-7.5818	31.9201	-6.7519	12.7980	0.1002	0.6941	0.3200	5.2227
17.7718	12.9126	12.8374	14.2026	14.2000	16.0888	12.7322	13.0086	-0.4934	-0.0583	11.9333	39.1661	-7.5661	31.9397	-6.9482	12.7419	0.1001	0.6945	0.3800	5.9922
17.8268	12.9040	12.8285	14.2065	14.2000	16.1867	12.7741	13.0252	-0.5321	-0.0908	11.9218	39.1632	-7.5783	31.9173	-7.1313	12.7699	0.1002	0.6987	0.4400	6.8125
17.8900	12.9218	12.8708	14.2031	14.2000	16.3312	12.8183	13.0345	-0.5725	-0.1312	11.8766	39.1576	-7.5539	31.9090	-7.4714	12.7419	0.1000	0.7001	0.5000	7.5820
17.9202	12.9202	12.8819	14.2093	14.2000	16.6352	12.8778	13.0604	-0.6184	-0.1782	11.8326	39.1632	-7.5940	31.9062	-7.7069	12.7559	0.1003	0.7016	0.5900	8.5703
17.9642	12.9175	12.8758	14.2042	14.2000	16.9607	12.9241	13.0984	-0.6405	-0.2359	11.7769	39.1689	-7.5887	31.9062	-7.8900	12.7699	0.1002	0.7047	0.6800	9.5625
17.9669	12.9729	12.9403	14.2059	14.2000	17.2115	12.9732	13.1463	-0.6410	-0.2723	11.7676	39.1773	-7.5887	31.9006	-8.1777	12.7419	0.1003	0.6997	0.7700	10.5508
17.9504	12.9433	12.8758	14.2054	14.2000	17.3825	13.0041	13.1936	-0.6266	-0.3149	11.7593	39.1999	-7.6096	31.9006	-8.5047	12.7419	0.1004	0.7027	0.8600	11.5430
17.9889	12.9202	12.8992	14.2087	14.2000	17.5453	13.0273	13.2360	-0.6007	-0.3519	11.7235	39.1830	-7.6062	31.9229	-8.7924	12.7139	0.1004	0.7051	0.9500	12.4727
17.9889	12.9654	12.9147	14.2059	14.2000	17.6798	13.0504	13.2883	-0.5559	-0.3939	11.7075	39.1971	-7.5957	31.9090	-9.1585	12.7279	0.1003	0.7025	1.1100	13.9023
17.9395	12.9826	12.9303	14.2059	14.2000	17.6981	13.0592	13.3202	-0.5138	-0.4191	11.7081	39.1830	-7.5800	31.8839	-9.5508	12.7419	0.1002	0.6980	1.2700	15.2734
17.9037	12.9697	12.9331	14.2104	14.2000	17.6217	13.0394	13.3345	-0.4779	-0.4381	11.6993	39.1999	-7.6131	31.8978	-9.8515	12.6578	0.1005	0.6962	1.4300	16.7031
17.9147	13.0009	13.0144	14.2065	14.2000	17.6366	13.0372	13.3566	-0.4441	-0.4465	11.6828	39.1830	-7.5922	31.8922	-10.1652	12.7699	0.1003	0.6920	1.5900	18.0703
17.9779	13.0262	12.9621	14.2065	14.2000	17.6565	13.0289	13.3582	-0.4215	-0.4532	11.6690	39.1858	-7.6463	31.9034	-10.5966	12.6859	0.1007	0.6971	1.7500	19.5000
17.9504	13.0510	13.0066	14.2042	14.2000	17.6549	13.0405	13.3769	-0.3977	-0.4460	11.6723	39.1999	-7.5974	31.9173	-11.0671	12.6578	0.1003	0.6924	2.0000	21.4219
18.0329	13.0467	13.0450	14.2020	14.2000	17.6815	13.0515	13.3995	-0.3839	-0.4420	11.6855	39.1971	-7.6358	31.8950	-11.5377	12.6158	0.1006	0.6961	2.2500	23.3516
18.1675	13.0827	13.0556	14.1992	14.2000	17.8326	13.0609	13.4144	-0.3817	-0.4488	11.5737	39.0137	-7.5852	31.7779	-11.9558	12.5878	0.1000	0.7024	2.5000	25.2734

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17.9757	12.9788	12.9245	14.2087	14.2000	16.4417	12.5707	12.9824	-0.3017	0.1301	12.0042	56.8955	-11.6601	45.7901	-10.6620	12.2096	0.1502	0.7006	0.0000	0.2813
17.9152	13.0030	12.9701	14.2104	14.2000	16.3553	12.5823	12.9956	-0.2907	0.1261	12.0124	56.8927	-11.6862	45.7427	-10.7535	12.1676	0.1503	0.6938	0.0400	0.9414
17.9125	12.9416	12.9312	14.2138	14.2000	16.3487	12.5779	12.9857	-0.3028	0.1329	11.9921	56.8955	-11.6758	45.7595	-10.8580	12.0836	0.1503	0.6980	0.0800	1.6016
18.0828	12.9465	12.9212	14.2099	14.2000	16.3935	12.5850	12.9725	-0.3349	0.1480	11.9469	56.8871	-11.6949	45.7427	-10.8842	12.1116	0.1504	0.7088	0.1200	2.3125
18.2394	12.9508	12.9089	14.2048	14.2000	16.4948	12.5856	12.9450	-0.3847	0.1586	11.8703	56.8701	-11.5729	45.8097	-11.1717	12.1116	0.1495	0.7186	0.1600	2.9727
18.2065	12.9524	12.9189	14.2110	14.2000	16.4616	12.5883	12.9301	-0.4278	0.1502	11.8830	56.8786	-11.7228	45.7372	-11.2763	12.1256	0.1506	0.7162	0.2000	3.6328
18.2202	12.9804	12.9451	14.2104	14.2000	16.3653	12.6027	12.9147	-0.4704	0.1132	11.8401	56.8842	-11.7124	45.7260	-11.5246	12.1256	0.1505	0.7147	0.2600	4.4531
18.1488	12.9669	12.9239	14.2076	14.2000	16.2556	12.6198	12.9059	-0.5196	0.0522	11.8004	56.9068	-11.6880	45.7288	-11.6030	12.0976	0.1504	0.7118	0.3200	5.2227
18.0883	12.9502	12.9189	14.2065	14.2000	16.1411	12.6529	12.9103	-0.5478	-0.0083	11.8054	56.8758	-11.6426	45.7372	-12.0081	12.1116	0.1500	0.7091	0.3800	6.0430
18.0856	13.0035	12.9546	14.2093	14.2000	16.0597	12.6766	12.9196	-0.5771	-0.0716	11.8076	56.8871	-11.7281	45.7232	-12.0604	12.1116	0.1506	0.7051	0.4400	6.8125
18.0141	12.9841	12.9445	14.2121	14.2000	16.0381	12.7119	12.9323	-0.6075	-0.1215	11.8235	56.8927	-11.6758	45.7372	-12.1388	12.0836	0.1503	0.7019	0.5000	7.6406
17.9207	13.0337	12.9690	14.2138	14.2000	16.0530	12.7565	12.9593	-0.6324	-0.1752	11.8345	56.8871	-11.7037	45.7288	-12.4262	12.0696	0.1505	0.6929	0.5900	8.6328
17.9812	13.0030	12.9913	14.2160	14.2000	16.2689	12.8210	12.9857	-0.6656	-0.2363	11.8224	56.8927	-11.7176	45.6814	-12.5046	12.0416	0.1506	0.6970	0.6800	9.6133
18.0334	13.0460	13.0225	14.2087	14.2000	16.6127	12.8745	13.0369	-0.6960	-0.2833	11.7696	56.8814	-11.7176	45.6730	-12.8444	12.0696	0.1506	0.6971	0.7700	10.5508
18.0306	13.0240	13.0047	14.2110	14.2000	16.8917	12.9170	13.0842	-0.7110	-0.3365	11.7481	56.8701	-11.7281	45.7288	-12.9489	12.0276	0.1506	0.6986	0.8600	11.5430
18.0114	13.0450	13.0035	14.2093	14.2000	17.1475	12.9650	13.1349	-0.7021	-0.3763	11.7272	56.8814	-11.7437	45.6647	-13.2755	12.0276	0.1507	0.6966	0.9500	12.5313
17.9839	13.0417	13.0074	14.2043	14.2000	17.3833	13.0124	13.2136	-0.6579	-0.4346	11.7332	56.8645	-11.7368	45.6340	-13.3669	11.9996	0.1507	0.6948	1.1100	13.9531
17.9290	13.0627	13.0531	14.2115	14.2000	17.5262	13.0328	13.2653	-0.5970	-0.4710	11.7371	56.8899	-11.7368	45.6312	-13.7066	11.9856	0.1507	0.6885	1.2700	15.3320
18.0004	13.0929	13.0820	14.2099	14.2000	17.6789	13.0477	13.3204	-0.5301	-0.4794	11.7233	56.8617	-11.7490	45.6479	-13.9417	12.0136	0.1508	0.6904	1.4300	16.7031
18.0032	13.1279	13.1154	14.2071	14.2000	17.7055	13.0543	13.3529	-0.4898	-0.4811	11.7040	56.8560	-11.7420	45.6228	-14.2160	11.9856	0.1507	0.6876	1.5900	18.1328
18.0444	13.1386	13.0765	14.2127	14.2000	17.7254	13.0400	13.3595	-0.4632	-0.4878	11.6611	56.8560	-11.7647	45.6089	-14.5686	11.9436	0.1509	0.6915	1.7500	19.5000
18.1295	13.1564	13.1154	14.2065	14.2000	17.7769	13.0405	13.3743	-0.4256	-0.4654	11.6567	56.8419	-11.7490	45.6312	-14.8429	11.9016	0.1507	0.6943	2.0000	21.4805
18.1817	13.1575	13.1360	14.2065	14.2000	17.8351	13.0460	13.3854	-0.4129	-0.4570	11.6264	56.8504	-11.7978	45.5810	-15.3000	11.8736	0.1511	0.6966	2.2500	23.4023
18.1103	13.1672	13.1255	14.2099	14.2000	17.7869	13.0549	13.4024	-0.3874	-0.4536	11.6594	56.8673	-11.8274	45.5531	-15.6134	11.8596	0.1513	0.6922	2.5000	25.3203

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15.7844	13.3620	13.3114	14.2018	14.2000	13.5647	13.0414	13.6352	0.2556	-0.6393	13.1191	22.1179	-3.4538	18.8706	-3.2706	13.7237	0.0503	0.4966	0.0000	0.2188
15.8009	13.3620	13.3031	14.1973	14.2000	13.5681	13.0216	13.6303	0.2667	-0.6455	13.0861	22.1348	-3.4503	18.8343	-3.5325	13.7097	0.0503	0.4986	0.0400	0.9414
15.7762	13.3727	13.3097	14.2001	14.2000	13.5664	13.0160	13.6281	0.2689	-0.6421	13.0778	22.1546	-3.4433	18.8232	-3.7157	13.7518	0.0503	0.4953	0.0800	1.6016
15.8174	13.3722	13.2958	14.1996	14.2000	13.5880	13.0155	13.6336	0.2744	-0.6438	13.0652	22.1377	-3.4433	18.8259	-3.9645	13.7939	0.0503	0.5000	0.1200	2.2617
15.8146	13.3684	13.3220	14.2007	14.2000	13.6179	13.0028	13.6336	0.2633	-0.6489	13.0509	22.1630	-3.4364	18.8538	-4.1870	13.7237	0.0503	0.4985	0.1600	2.9688
15.8119	13.4142	13.3637	14.2013	14.2000	13.6660	13.0122	13.6364	0.2683	-0.6416	13.0531	22.1461	-3.4346	18.8706	-4.2001	13.7377	0.0502	0.4933	0.2000	3.6289
15.7899	13.3410	13.3042	14.2029	14.2000	13.7408	13.0083	13.6474	0.2655	-0.6522	13.0437	22.1574	-3.4538	18.8148	-4.3834	13.7518	0.0504	0.4987	0.2600	4.4492
15.8696	13.3700	13.3192	14.1979	14.2000	13.8271	13.0012	13.6556	0.2667	-0.6696	13.0189	22.1348	-3.4573	18.8510	-4.6844	13.7518	0.0504	0.5038	0.3200	5.2188
15.8339	13.3905	13.3231	14.2013	14.2000	13.9434	12.9951	13.6595	0.2672	-0.6785	13.0129	22.1574	-3.4608	18.8399	-4.7891	13.7518	0.0504	0.4990	0.3800	6.0508
15.7899	13.3883	13.3303	14.2001	14.2000	14.0729	13.0028	13.6815	0.2672	-0.6836	13.0151	22.1518	-3.4625	18.8343	-4.9200	13.7377	0.0504	0.4945	0.4400	6.8086
15.8311	13.3781	13.3259	14.1951	14.2000	14.2390	13.0122	13.7041	0.2766	-0.6970	13.0129	22.1377	-3.4608	18.8594	-5.1818	13.7377	0.0504	0.4993	0.5000	7.6406
15.8311	13.3738	13.3086	14.1979	14.2000	14.4732	13.0271	13.7305	0.2694	-0.7060	12.9980	22.1574	-3.4503	18.8371	-5.3911	13.7377	0.0504	0.5005	0.5900	8.5703
15.8091	13.3738	13.3237	14.1929	14.2000	14.7090	13.0453	13.7520	0.2667	-0.7054	12.9936	22.1574	-3.4608	18.8427	-5.5220	13.7518	0.0504	0.4976	0.6800	9.5586
15.8449	13.3690	13.2958	14.1968	14.2000	14.9947	13.0569	13.7773	0.2650	-0.7037	12.9859	22.1715	-3.4590	18.8538	-5.7445	13.7377	0.0504	0.5028	0.7700	10.5508
15.8778	13.3781	13.3226	14.1962	14.2000	15.2455	13.0784	13.7938	0.2716	-0.6959	12.9732	22.1602	-3.4887	18.8510	-5.9538	13.7237	0.0507	0.5039	0.8600	11.4805
15.8888	13.3770	13.3276	14.2024	14.2000	15.4630	13.0894	13.8037	0.2816	-0.6830	12.9583	22.1800	-3.4730	18.8566	-6.1763	13.7237	0.0506	0.5047	0.9500	12.4688
15.8833	13.3560	13.3181	14.2013	14.2000	15.6274	13.1142	13.8092	0.2949	-0.6573	12.9462	22.1884	-3.4555	18.8259	-6.5034	13.6956	0.0504	0.5059	1.1100	13.8984
15.8806	13.3889	13.3214	14.1940	14.2000	15.6989	13.1247	13.7927	0.2937	-0.6326	12.9308	22.1743	-3.4677	18.8622	-6.7519	13.6676	0.0505	0.5036	1.2700	15.2695
15.8614	13.4013	13.3448	14.1990	14.2000	15.7022	13.1462	13.7943	0.2827	-0.6074	12.9363	22.1828	-3.4747	18.8510	-6.9089	13.6395	0.0506	0.4998	1.4300	16.6484
15.8751	13.3969	13.3632	14.1962	14.2000	15.6905	13.1710	13.7960	0.2678	-0.5811	12.9495	22.1828	-3.4730	18.8761	-7.2621	13.6816	0.0506	0.5003	1.5900	18.0703
15.8311	13.3786	13.3509	14.1973	14.2000	15.6690	13.1859	13.7905	0.2429	-0.5665	12.9440	22.1969	-3.4730	18.8678	-7.4453	13.6255	0.0506	0.4979	1.7500	19.4492
15.8421	13.4266	13.3754	14.2035	14.2000	15.6457	13.2035	13.7894	0.2329	-0.5480	12.9710	22.1264	-3.4381	18.8064	-7.7200	13.6255	0.0502	0.4948	2.0000	21.3711
15.8476	13.4217	13.3582	14.1985	14.2000	15.6507	13.2157	13.7910	0.2263	-0.5419	12.9627	21.9881	-3.3945	18.7228	-8.1254	13.6255	0.0497	0.4966	2.2500	23.2891
15.9300	13.3921	13.3359	14.1996	14.2000	15.7022	13.2035	13.7740	0.2219	-0.5508	12.9104	21.9797	-3.4032	18.6977	-8.3608	13.6255	0.0498	0.5073	2.5000	25.2188

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15.9557	13.3804	13.3228	14.2070	14.2000	13.8017	12.9999	13.5517	0.4184	-0.6234	13.0348	38.7198	-7.5132	31.5201	-3.3361	13.1204	0.0992	0.5110	0.0000	0.2227
15.9062	13.3691	13.3139	14.1986	14.2000	13.7884	12.9723	13.5418	0.4173	-0.6340	13.0133	38.7142	-7.5045	31.5257	-3.4932	13.0924	0.0991	0.5075	0.0400	0.8828
15.9227	13.3992	13.3646	14.2002	14.2000	13.7751	12.9662	13.5423	0.4212	-0.6161	12.9990	38.7226	-7.5132	31.5146	-3.7419	13.1625	0.0992	0.5046	0.0800	1.6016
15.8925	13.3772	13.3451	14.2092	14.2000	13.7469	12.9635	13.5363	0.3930	-0.5926	12.9957	38.6690	-7.4609	31.5034	-3.9383	13.1204	0.0987	0.5041	0.1200	2.2500
15.8897	13.4245	13.3835	14.2053	14.2000	13.7153	12.9761	13.5434	0.3570	-0.5668	13.0039	38.7678	-7.5062	31.5675	-4.0692	13.1204	0.0992	0.4990	0.1600	2.9727
15.8952	13.3971	13.3451	14.2081	14.2000	13.6655	12.9844	13.5390	0.3167	-0.5494	13.0083	38.8439	-7.5394	31.5871	-4.3048	13.1485	0.0995	0.5032	0.2000	3.6328
15.8403	13.3998	13.3863	14.2025	14.2000	13.6240	12.9993	13.5451	0.2680	-0.5276	13.0122	38.9004	-7.5184	31.6707	-4.4226	13.1204	0.0994	0.4956	0.2600	4.4492
15.8073	13.4100	13.3690	14.2002	14.2000	13.5907	13.0114	13.5478	0.2321	-0.5125	13.0166	38.9822	-7.5603	31.7293	-4.7891	13.1485	0.0998	0.4928	0.3200	5.2227
15.8210	13.4385	13.3863	14.2053	14.2000	13.5609	13.0186	13.5506	0.1967	-0.4957	13.0309	39.0104	-7.5742	31.7460	-4.8938	13.1064	0.1000	0.4915	0.3800	6.0391
15.8100	13.4305	13.3969	14.2030	14.2000	13.5359	13.0280	13.5517	0.1718	-0.4985	13.0238	39.0160	-7.5777	31.7348	-5.0509	13.0784	0.1000	0.4903	0.4400	6.8125
15.8787	13.4095	13.3534	14.2014	14.2000	13.5442	13.0214	13.5528	0.1574	-0.5102	13.0039	39.0160	-7.5795	31.7348	-5.1294	13.1064	0.1000	0.5005	0.5000	7.6406
15.8980	13.4111	13.3646	14.2075	14.2000	13.5692	13.0098	13.5473	0.1552	-0.5315	12.9703	39.0217	-7.5725	31.7404	-5.2865	13.1064	0.1000	0.5016	0.5900	8.6328
15.8925	13.3659	13.3429	14.2036	14.2000	13.6505	12.9850	13.5484	0.1519	-0.5590	12.9522	39.0019	-7.5952	31.7321	-5.6267	13.0924	0.1001	0.5048	0.6800	9.5625
15.9969	13.3750	13.3417	14.2058	14.2000	13.7834	12.9602	13.5522	0.1751	-0.5954	12.8916	38.9991	-7.5812	31.7265	-5.8230	13.0363	0.1000	0.5140	0.7700	10.5508
15.9996	13.3459	13.3117	14.2064	14.2000	13.9611	12.9409	13.5627	0.1895	-0.6245	12.8762	39.0245	-7.5899	31.7265	-6.0193	12.9662	0.1001	0.5175	0.8600	11.5391
16.0353	13.3551	13.3017	14.2075	14.2000	14.2169	12.9304	13.5847	0.1989	-0.6559	12.8569	39.0047	-7.5882	31.7209	-6.2155	12.9942	0.1001	0.5208	0.9500	12.5313
15.9831	13.3842	13.3701	14.2058	14.2000	14.6537	12.9502	13.6359	0.2105	-0.6637	12.8635	39.0245	-7.5795	31.7070	-6.5949	12.9802	0.1000	0.5107	1.1100	13.9023
15.9886	13.3486	13.2916	14.2042	14.2000	15.1137	12.9949	13.6865	0.2116	-0.6631	12.8624	39.0076	-7.6126	31.7042	-6.7650	12.9942	0.1002	0.5175	1.2700	15.3320
15.9529	13.4111	13.3629	14.2081	14.2000	15.4392	13.0462	13.7262	0.2321	-0.6340	12.8784	38.9991	-7.5742	31.7599	-6.9743	12.9942	0.1000	0.5068	1.4300	16.6992
15.9721	13.4165	13.3529	14.2014	14.2000	15.6402	13.1041	13.7581	0.2409	-0.6021	12.8927	39.0160	-7.5864	31.7376	-7.2752	12.9802	0.1001	0.5089	1.5900	18.0703
15.9144	13.4315	13.4002	14.2030	14.2000	15.7249	13.1350	13.7669	0.2343	-0.5808	12.9015	39.0104	-7.5707	31.7265	-7.4583	12.9942	0.0999	0.5000	1.7500	19.5000
15.9749	13.4159	13.3635	14.2075	14.2000	15.7581	13.1658	13.7675	0.2276	-0.5573	12.8998	39.0273	-7.5934	31.7265	-7.6938	12.9942	0.1001	0.5086	2.0000	21.4219
15.9474	13.4375	13.4091	14.2042	14.2000	15.7631	13.1658	13.7680	0.2298	-0.5668	12.8987	39.0217	-7.5934	31.7460	-8.0731	12.9662	0.1001	0.5023	2.2500	23.3516
15.9804	13.4762	13.4286	14.2025	14.2000	15.7880	13.1697	13.7702	0.2359	-0.5629	12.8850	39.0245	-7.6213	31.7348	-8.4654	12.8961	0.1003	0.5021	2.5000	25.2695

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16.0284	13.3863	13.3474	14.2217	14.2000	13.9538	12.8887	13.4047	0.5201	-0.4537	12.9697	56.6178	-11.6389	45.5570	-5.5874	12.7139	0.1497	0.5160	0.0000	0.2695
16.0147	13.4046	13.3680	14.2173	14.2000	13.9356	12.8887	13.4047	0.5201	-0.4493	12.9603	56.6319	-11.6111	45.5570	-5.8230	12.6718	0.1495	0.5126	0.0400	0.9297
15.9652	13.3761	13.3502	14.2189	14.2000	13.9439	12.8815	13.4020	0.5123	-0.4302	12.9493	56.6009	-11.5919	45.5431	-5.9407	12.6298	0.1493	0.5106	0.0800	1.6367
15.9982	13.3847	13.3575	14.2212	14.2000	13.9472	12.8749	13.3987	0.4990	-0.4101	12.9548	56.6376	-11.6372	45.5821	-6.0323	12.6298	0.1497	0.5128	0.1200	2.2969
15.9570	13.3922	13.3614	14.2122	14.2000	13.9588	12.8804	13.3948	0.4786	-0.3888	12.9531	56.6348	-11.6320	45.5487	-6.2679	12.6158	0.1497	0.5083	0.1600	2.9570
15.9790	13.4229	13.3814	14.2229	14.2000	13.9422	12.8732	13.3981	0.4443	-0.3580	12.9647	56.6263	-11.6477	45.5459	-6.3856	12.6018	0.1498	0.5076	0.2000	3.6797
15.9240	13.4207	13.3898	14.2229	14.2000	13.9173	12.8832	13.3981	0.3945	-0.3367	12.9641	56.6743	-11.6111	45.6016	-6.5164	12.6298	0.1496	0.5021	0.2600	4.4375
15.9378	13.4164	13.3847	14.2184	14.2000	13.8658	12.8848	13.4047	0.3492	-0.3311	12.9636	56.8745	-11.6965	45.7299	-6.5949	12.6578	0.1504	0.5039	0.3200	5.2695
15.9048	13.4100	13.3692	14.2201	14.2000	13.7911	12.8826	13.4053	0.2850	-0.3328	12.9597	56.9253	-11.7157	45.7745	-6.7389	12.6718	0.1506	0.5021	0.3800	6.0898
15.9295	13.4224	13.3842	14.2139	14.2000	13.7263	12.9047	13.4152	0.2236	-0.3344	12.9570	56.8858	-11.6599	45.7550	-6.8174	12.6298	0.1502	0.5028	0.4400	6.8594
15.9323	13.4116	13.3731	14.2189	14.2000	13.6549	12.9229	13.4284	0.1716	-0.3445	12.9526	56.8774	-11.7087	45.7048	-7.0398	12.6298	0.1505	0.5043	0.5000	7.6797
15.8910	13.4245	13.3731	14.2206	14.2000	13.5984	12.9405	13.4356	0.1429	-0.3596	12.9586	56.8548	-11.7035	45.7160	-7.0790	12.5878	0.1504	0.4997	0.5900	8.6680
15.8691	13.4068	13.3859	14.2189	14.2000	13.5802	12.9521	13.4460	0.1186	-0.3675	12.9708	56.8407	-11.7488	45.6825	-7.3145	12.6298	0.1507	0.4979	0.6800	9.6094
15.8993	13.4520	13.4176	14.2189	14.2000	13.5652	12.9802	13.4521	0.0953	-0.3787	12.9581	56.8492	-11.6895	45.7355	-7.4191	12.5317	0.1503	0.4965	0.7700	10.5977
15.9515	13.4256	13.3998	14.2128	14.2000	13.5868	12.9769	13.4658	0.0876	-0.4140	12.9427	56.8492	-11.7104	45.7215	-7.5368	12.5878	0.1505	0.5039	0.8600	11.5781
15.9955	13.4347	13.3808	14.2234	14.2000	13.6283	12.9664	13.4719	0.0937	-0.4554	12.9234	56.8520	-11.7000	45.6965	-7.7069	12.5177	0.1504	0.5085	0.9500	12.5703
15.9240	13.4310	13.3925	14.2156	14.2000	13.8476	12.9703	13.4978	0.1058	-0.4818	12.9223	56.8548	-11.7069	45.7299	-7.9161	12.5037	0.1505	0.5014	1.1100	13.9492
15.9323	13.4606	13.4193	14.2178	14.2000	14.1963	12.9913	13.5429	0.1103	-0.5103	12.9261	56.8661	-11.7279	45.7048	-8.1123	12.5037	0.1506	0.4990	1.2700	15.3672
15.9075	13.4439	13.4037	14.2161	14.2000	14.6779	13.0293	13.5979	0.1202	-0.5254	12.9129	56.8350	-11.7313	45.6602	-8.4262	12.4757	0.1506	0.4985	1.4300	16.7500
15.8993	13.4509	13.4187	14.2206	14.2000	15.1596	13.0856	13.6591	0.1363	-0.5058	12.9206	56.8999	-11.7540	45.7299	-8.5962	12.4757	0.1508	0.4965	1.5900	18.1797
15.8938	13.4643	13.4393	14.2212	14.2000	15.4585	13.1468	13.7064	0.1600	-0.4930	12.9427	56.6037	-11.7122	45.4901	-8.7793	12.4477	0.1502	0.4940	1.7500	19.5469
15.9487	13.4827	13.4449	14.2223	14.2000	15.6960	13.2080	13.7427	0.1794	-0.4633	12.9460	56.6037	-11.7139	45.4567	-9.0670	12.4897	0.1502	0.4979	2.0000	21.4688
15.9323	13.4643	13.4476	14.2173	14.2000	15.7757	13.2107	13.7444	0.1921	-0.4890	12.9069	56.5812	-11.6581	45.4622	-9.3546	12.4897	0.1498	0.4972	2.2500	23.3867
15.9542	13.4504	13.4137	14.2167	14.2000	15.7791	13.1898	13.7438	0.2093	-0.5109	12.8892	56.5445	-11.7313	45.4120	-9.7076	12.4757	0.1503	0.5020	2.5000	25.3672

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15.1509	10.9691	10.8937	12.2388	12.2400	11.3822	10.4378	11.3929	0.3050	-1.0449	10.4565	20.5674	-3.6650	17.0888	7.1770	14.3135	0.0503	0.6991	0.0000	0.2188
15.1427	10.9573	10.8681	12.2371	12.2400	11.3839	10.4019	11.3819	0.3282	-1.0483	10.3981	20.5646	-3.6459	17.1055	6.2321	13.8501	0.0502	0.7004	0.0400	0.8789
15.1289	10.9481	10.8804	12.2399	12.2400	11.4320	10.3881	11.3940	0.3464	-1.0539	10.3904	20.5843	-3.6668	17.0860	5.3006	13.9624	0.0504	0.6992	0.0800	1.5391
15.0904	10.9761	10.9077	12.2444	12.2400	11.4769	10.3743	11.3901	0.3558	-1.0539	10.3496	20.5702	-3.6807	17.0525	4.7496	13.8781	0.0504	0.6935	0.1200	2.2500
15.1481	10.9616	10.8776	12.2376	12.2400	11.5832	10.3683	11.3923	0.3663	-1.0539	10.3425	20.5618	-3.6581	17.0888	3.9889	13.9764	0.0503	0.7001	0.1600	2.9102
15.1509	10.9810	10.9027	12.2399	12.2400	11.7011	10.3589	11.3984	0.3757	-1.0757	10.3469	20.5815	-3.6825	17.1055	3.2676	14.0607	0.0505	0.6980	0.2000	3.5703
15.1427	11.0036	10.9038	12.2404	12.2400	11.9070	10.3617	11.4221	0.3901	-1.0909	10.3067	20.5731	-3.6546	17.0776	2.4941	14.0045	0.0502	0.6962	0.2600	4.3906
15.2004	10.9729	10.8631	12.2455	12.2400	12.2275	10.3688	11.4601	0.4122	-1.1189	10.2808	20.5815	-3.6685	17.0860	1.7993	14.0747	0.0504	0.7041	0.3200	5.1602
15.1976	10.9751	10.8620	12.2388	12.2400	12.5846	10.3760	11.4991	0.4377	-1.1329	10.2736	20.5646	-3.6720	17.0553	1.0129	14.0466	0.0504	0.7038	0.3800	5.9297
15.2196	10.9707	10.8559	12.2421	12.2400	12.9849	10.3749	11.5327	0.4548	-1.1570	10.2367	20.5900	-3.6581	17.0943	0.5018	13.9764	0.0503	0.7060	0.4400	6.7578
15.1976	10.9815	10.8865	12.2388	12.2400	13.3519	10.3986	11.5652	0.4703	-1.1586	10.2219	20.5872	-3.6598	17.1055	-0.3630	13.9062	0.0503	0.7023	0.5000	7.5195
15.1949	10.9621	10.8876	12.2410	12.2400	13.7721	10.4251	11.6026	0.4891	-1.1469	10.2087	20.6069	-3.6825	17.0748	-1.1229	14.1450	0.0505	0.7030	0.5900	8.5078
15.2306	10.9783	10.8943	12.2404	12.2400	14.2371	10.4604	11.6401	0.5035	-1.1239	10.2042	20.5646	-3.6738	17.1250	-1.9218	14.1309	0.0504	0.7045	0.6800	9.5000
15.2581	10.9756	10.8899	12.2315	12.2400	14.5709	10.5072	11.6604	0.5146	-1.0864	10.1734	20.5872	-3.6650	17.0943	-2.5897	14.0747	0.0503	0.7068	0.7700	10.4375
15.2581	10.9686	10.8748	12.2421	12.2400	14.8167	10.5442	11.6742	0.5118	-1.0477	10.1635	20.6041	-3.6720	17.1111	-3.2837	13.9905	0.0504	0.7079	0.8600	11.4180
15.2443	10.9729	10.8976	12.2393	12.2400	14.9429	10.5828	11.6720	0.4969	-1.0007	10.1448	20.5985	-3.6738	17.1111	-3.9383	14.0186	0.0504	0.7056	0.9500	12.4102
15.2553	10.9815	10.9021	12.2410	12.2400	14.9828	10.6252	11.6637	0.4742	-0.9592	10.1354	20.6154	-3.6912	17.1111	-4.9462	13.8641	0.0506	0.7057	1.1100	13.7891
15.2416	10.9858	10.9299	12.2416	12.2400	14.9977	10.6545	11.6538	0.4499	-0.9223	10.1106	20.6126	-3.6772	17.1278	-5.7706	13.8079	0.0505	0.7031	1.2700	15.2109
15.3103	10.9901	10.9249	12.2393	12.2400	15.0160	10.6743	11.6412	0.4311	-0.8993	10.1024	20.6295	-3.6894	17.1278	-6.6734	13.7658	0.0506	0.7081	1.4300	16.5898
15.2690	11.0531	10.9934	12.2421	12.2400	15.0177	10.7002	11.6549	0.4128	-0.8763	10.0952	20.6267	-3.6825	17.1083	-7.4322	13.8501	0.0505	0.6984	1.5900	17.9609
15.3212	11.0020	10.9160	12.2410	12.2400	15.0094	10.7052	11.6461	0.3995	-0.8651	10.0633	20.6295	-3.6703	17.1250	-8.1777	13.8079	0.0504	0.7087	1.7500	19.3906
15.3267	11.0789	11.0112	12.2432	12.2400	15.0442	10.7212	11.6379	0.4106	-0.8410	10.0644	20.6408	-3.6807	17.1278	-9.3939	13.8781	0.0505	0.7004	2.0000	21.3086
15.3075	11.0547	10.9823	12.2432	12.2400	15.0426	10.7372	11.6417	0.4001	-0.8276	10.0445	20.5449	-3.6284	17.0469	-10.4005	13.8641	0.0500	0.7017	2.2500	23.2305
15.3377	11.1075	11.0101	12.2376	12.2400	15.0426	10.7714	11.6494	0.3979	-0.8029	10.0787	20.3502	-3.5936	16.9354	-11.1848	14.0326	0.0495	0.6998	2.5000	25.1602

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18.0417	12.9217	12.8538	14.2418	14.2400	13.2591	12.0206	13.1185	0.5671	-1.1888	12.0955	38.5640	-7.4460	31.4463	-10.1914	13.1204	0.0985	0.7102	0.0000	0.2227
18.0390	12.8970	12.8588	14.2390	14.2400	13.2309	11.9980	13.1064	0.5743	-1.1865	12.0449	38.5753	-7.3780	31.4853	-10.7665	13.0924	0.0980	0.7109	0.0400	0.9414
18.0664	12.9761	12.9351	14.2452	14.2400	13.2591	11.9969	13.1245	0.5781	-1.1815	12.0295	38.5922	-7.4356	31.4602	-11.1978	13.1064	0.0985	0.7059	0.0800	1.6016
18.0060	12.9390	12.8855	14.2469	14.2400	13.2342	11.9936	13.1141	0.5416	-1.1513	11.9893	38.5386	-7.4443	31.4045	-11.6553	13.0924	0.0985	0.7059	0.1200	2.2617
17.9785	12.9137	12.8621	14.2413	14.2400	13.2209	11.9931	13.1047	0.4996	-1.1300	11.9810	38.5189	-7.4251	31.3682	-12.1388	13.0082	0.0983	0.7063	0.1600	2.9727
17.9620	12.9126	12.8365	14.2418	14.2400	13.2109	12.0019	13.1080	0.4697	-1.1126	11.9760	38.6289	-7.4530	31.4574	-12.5308	13.1064	0.0986	0.7064	0.2000	3.6328
17.9703	12.9056	12.8610	14.2418	14.2400	13.2309	12.0085	13.1080	0.4399	-1.0908	11.9557	38.7192	-7.4983	31.5244	-12.8835	13.1204	0.0991	0.7062	0.2600	4.4531
17.9456	12.9691	12.9056	14.2418	14.2400	13.3239	12.0223	13.1251	0.4382	-1.1003	11.9457	38.7333	-7.4826	31.5495	-13.2494	13.1064	0.0990	0.7000	0.3200	5.2227
17.9236	12.9723	12.9395	14.2469	14.2400	13.4717	12.0383	13.1504	0.4393	-1.1042	11.9568	38.8292	-7.5297	31.6164	-13.7458	13.1344	0.0994	0.6970	0.3800	6.0508
17.9208	12.9675	12.8978	14.2525	14.2400	13.6710	12.0465	13.1790	0.4482	-1.1266	11.9446	38.8518	-7.5192	31.6303	-14.0984	13.1625	0.0994	0.6989	0.4400	6.8125
17.8686	12.9627	12.8783	14.2418	14.2400	13.7988	12.0614	13.1955	0.4454	-1.1288	11.9320	38.8800	-7.5646	31.6526	-14.4380	13.1204	0.0997	0.6966	0.5000	7.6406
17.8659	13.0359	12.9657	14.2463	14.2400	14.2622	12.0907	13.2677	0.4731	-1.1669	11.9265	38.9082	-7.5402	31.6833	-14.9343	12.9942	0.0996	0.6895	0.5900	8.6328
17.9098	13.0359	12.9590	14.2458	14.2400	14.7687	12.1315	13.3403	0.4802	-1.1916	11.9347	38.9110	-7.5471	31.6694	-15.3000	13.0363	0.0997	0.6925	0.6800	9.5625
18.0692	12.9707	12.9061	14.2396	14.2400	15.4746	12.1701	13.4350	0.4963	-1.2319	11.8560	38.9195	-7.5698	31.6694	-15.6395	13.0082	0.0998	0.7076	0.7700	10.5508
18.0774	13.0111	12.9612	14.2463	14.2400	16.1389	12.2076	13.4906	0.4930	-1.2549	11.7926	38.9449	-7.5402	31.6749	-16.1617	13.0784	0.0996	0.7040	0.8600	11.5430
18.0939	12.9718	12.9206	14.2458	14.2400	16.7169	12.2682	13.5506	0.5090	-1.2319	11.7756	38.9195	-7.5471	31.6805	-16.6840	12.9381	0.0997	0.7084	0.9500	12.5313
18.0857	13.0219	12.9919	14.2463	14.2400	17.3695	12.3614	13.6293	0.5356	-1.1692	11.7535	38.9251	-7.5768	31.6526	-17.1017	12.9942	0.0999	0.7027	1.1100	13.9023
18.0472	13.0143	12.9529	14.2430	14.2400	17.6618	12.4436	13.6431	0.5228	-1.0902	11.7332	38.9082	-7.5681	31.6833	-17.7935	12.9942	0.0998	0.7023	1.2700	15.2695
18.0637	13.0310	12.9779	14.2497	14.2400	17.7565	12.4998	13.6459	0.5284	-1.0331	11.7348	38.9336	-7.5855	31.6582	-18.1981	12.9942	0.1000	0.7015	1.4300	16.7031
18.0445	13.0294	12.9601	14.2463	14.2400	17.7631	12.5406	13.6343	0.5085	-0.9995	11.6891	38.9420	-7.6099	31.6721	-18.6157	13.0363	0.1001	0.7012	1.5900	18.0703
18.1571	13.0633	12.9980	14.2441	14.2400	17.8113	12.5621	13.6343	0.4924	-0.9883	11.6434	38.9420	-7.5994	31.6694	-19.1507	12.9942	0.1001	0.7051	1.7500	19.5000
18.2203	13.0886	13.0542	14.2474	14.2400	17.9226	12.5814	13.6442	0.5029	-0.9664	11.6164	38.9251	-7.6047	31.6498	-19.7639	12.9802	0.1001	0.7054	2.0000	21.4219
18.2670	13.1215	13.0715	14.2486	14.2400	17.9608	12.6074	13.6459	0.4996	-0.9378	11.5971	38.9082	-7.6151	31.6498	-20.5336	12.9942	0.1001	0.7062	2.2500	23.3516
18.2917	13.1521	13.1227	14.2446	14.2400	17.9409	12.6289	13.6519	0.4814	-0.9210	11.5795	38.9251	-7.6029	31.6498	-21.0292	12.9522	0.1001	0.7042	2.5000	25.2695

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18.1609	13.0493	12.9878	14.2512	14.2400	13.5559	12.0278	13.0244	0.7436	-1.1208	12.1025	56.5707	-11.6931	45.4044	-19.3203	12.5738	0.1500	0.7063	0.0000	0.2188
18.1719	12.9944	12.9410	14.2462	14.2400	13.5160	11.9859	12.9969	0.7508	-1.1297	12.0331	56.5905	-11.6774	45.3933	-19.5812	12.4757	0.1499	0.7113	0.0400	0.9297
18.1554	12.9847	12.9538	14.2524	14.2400	13.4679	11.9622	12.9892	0.7154	-1.1146	11.9879	56.5538	-11.7262	45.3988	-19.9726	12.4897	0.1502	0.7102	0.0800	1.5898
18.1280	13.0348	13.0407	14.2434	14.2400	13.4081	11.9661	12.9848	0.6811	-1.0631	11.9841	56.5594	-11.7123	45.3877	-20.1161	12.4897	0.1501	0.7027	0.1200	2.3086
18.1060	13.0111	12.9750	14.2507	14.2400	13.3118	11.9815	12.9810	0.5993	-1.0200	11.9703	56.5397	-11.7158	45.3849	-20.2988	12.4897	0.1501	0.7051	0.1600	2.9688
18.0813	13.0261	12.9900	14.2535	14.2400	13.2254	11.9992	12.9975	0.5213	-0.9763	11.9830	56.5453	-11.7018	45.3821	-20.6510	12.4897	0.1501	0.7023	0.2000	3.6289
18.0483	13.0514	13.0128	14.2518	14.2400	13.1258	12.0190	12.9881	0.4450	-0.9387	11.9560	56.5425	-11.7210	45.3570	-20.9249	12.4757	0.1502	0.6982	0.2600	4.4492
18.0675	12.9933	12.9332	14.2524	14.2400	13.0327	12.0212	12.9837	0.3554	-0.9264	11.9373	56.5312	-11.7071	45.3459	-21.2249	12.4897	0.1501	0.7053	0.3200	5.2188
18.0703	13.0159	13.0000	14.2512	14.2400	12.9796	12.0405	12.9848	0.2951	-0.9102	11.9241	56.5566	-11.7332	45.3487	-21.4335	12.4757	0.1503	0.7016	0.3800	6.0391
18.0400	13.0019	12.9833	14.2417	14.2400	12.9464	12.0328	12.9865	0.2658	-0.9124	11.8910	56.5284	-11.6862	45.3598	-21.6813	12.4897	0.1499	0.7011	0.4400	6.8672
18.0538	13.0234	12.9432	14.2529	14.2400	12.9995	12.0367	12.9980	0.2437	-0.9275	11.8679	56.5679	-11.7140	45.3542	-21.9422	12.4897	0.1502	0.7027	0.5000	7.6406
18.0703	13.0251	12.9905	14.2473	14.2400	13.1473	12.0333	13.0178	0.2702	-0.9443	11.8690	56.5312	-11.7559	45.3291	-22.1899	12.4477	0.1504	0.7017	0.5900	8.6172
18.0620	13.0261	13.0011	14.2524	14.2400	13.3882	12.0477	13.0481	0.2957	-0.9791	11.8442	56.5228	-11.7472	45.2734	-22.4638	12.4757	0.1503	0.7007	0.6800	9.6094
18.0428	13.0331	12.9850	14.2451	14.2400	13.7336	12.0504	13.0850	0.3349	-1.0149	11.8012	56.4946	-11.7785	45.2678	-22.6854	12.4897	0.1505	0.6999	0.7700	10.5977
18.0318	13.0751	13.0323	14.2490	14.2400	14.1571	12.0863	13.1621	0.3576	-1.0468	11.8304	56.5256	-11.7751	45.2650	-22.9332	12.4897	0.1506	0.6953	0.8600	11.5898
18.0400	13.1462	13.1297	14.2524	14.2400	14.6371	12.1458	13.2430	0.3742	-1.0440	11.8734	56.5171	-11.7803	45.2511	-23.2461	12.5037	0.1506	0.6886	0.9500	12.5195
18.0620	13.0880	13.0702	14.2468	14.2400	15.6917	12.2093	13.3575	0.3864	-1.1034	11.7864	56.5087	-11.8064	45.2399	-23.5329	12.4337	0.1508	0.6950	1.1100	13.9492
18.1637	13.1101	13.0707	14.2529	14.2400	16.7429	12.3085	13.4929	0.4251	-1.0917	11.7511	56.5397	-11.8413	45.2427	-23.8327	12.3776	0.1510	0.7003	1.2700	15.3281
18.2571	13.1128	13.0974	14.2529	14.2400	17.5185	12.3945	13.5656	0.4721	-1.0569	11.6531	56.2971	-11.7559	45.0503	-24.2368	12.3496	0.1501	0.7048	1.4300	16.7500
18.2626	13.1198	13.0902	14.2468	14.2400	17.8906	12.4822	13.6151	0.5047	-1.0020	11.6492	56.1448	-11.7402	44.9220	-24.5627	12.3636	0.1499	0.7052	1.5900	18.1289
18.2461	13.1354	13.0718	14.2507	14.2400	17.9072	12.5258	13.6239	0.4920	-0.9746	11.6228	56.1504	-11.7733	44.8858	-24.9277	12.4057	0.1501	0.7043	1.7500	19.5000
18.2406	13.2054	13.1915	14.2524	14.2400	17.8839	12.5638	13.6262	0.4815	-0.9561	11.6487	56.1504	-11.7890	44.8914	-25.3447	12.3636	0.1502	0.6959	2.0000	21.4805
18.3203	13.2178	13.2121	14.2524	14.2400	17.9952	12.5798	13.6476	0.5047	-0.9561	11.6046	56.1363	-11.8117	44.8691	-25.8138	12.3636	0.1504	0.6994	2.2500	23.3984
18.4082	13.2517	13.2322	14.2518	14.2400	18.0450	12.6052	13.6674	0.5025	-0.9488	11.5892	56.1222	-11.8553	44.8161	-26.2960	12.3496	0.1506	0.7024	2.5000	25.3203

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15.8742	13.4115	13.3367	14.2380	14.2400	13.2631	13.1792	13.6566	-0.0194	-0.5561	13.1320	22.2151	-3.5357	18.8264	-15.2869	13.0503	0.0511	0.5009	0.0000	0.2813
15.8550	13.4099	13.3802	14.2453	14.2400	13.2614	13.1637	13.6615	0.0110	-0.5600	13.1166	22.2179	-3.5200	18.8459	-15.4828	13.1485	0.0510	0.4967	0.0400	0.9414
15.8523	13.4012	13.3596	14.2391	14.2400	13.2731	13.1516	13.6665	0.0149	-0.5656	13.1051	22.2038	-3.5357	18.8236	-15.6134	13.1204	0.0511	0.4981	0.0800	1.5898
15.8797	13.3969	13.3339	14.2391	14.2400	13.3096	13.1417	13.6621	0.0315	-0.5752	13.0863	22.1474	-3.4991	18.8096	-15.7570	13.1344	0.0507	0.5024	0.1200	2.3125
15.8632	13.4174	13.3863	14.2385	14.2400	13.3511	13.1400	13.6769	0.0343	-0.5785	13.0935	22.1051	-3.4816	18.7734	-15.9137	13.0784	0.0505	0.4967	0.1600	2.9727
15.7973	13.3652	13.3239	14.2385	14.2400	13.4076	13.1334	13.6841	0.0409	-0.5976	13.0880	22.0120	-3.4241	18.6981	-16.0312	13.0924	0.0500	0.4969	0.2000	3.6289
15.8468	13.3948	13.3429	14.2385	14.2400	13.4807	13.1345	13.6962	0.0481	-0.6054	13.0858	21.9358	-3.4276	18.6423	-16.1879	13.0784	0.0499	0.4989	0.2600	4.4492
15.8275	13.4055	13.3456	14.2430	14.2400	13.5853	13.1378	13.7072	0.0569	-0.6239	13.0792	21.9612	-3.4433	18.6925	-16.4490	13.0924	0.0501	0.4963	0.3200	5.2227
15.8770	13.3786	13.3167	14.2357	14.2400	13.6833	13.1334	13.7160	0.0558	-0.6373	13.0616	21.9810	-3.4433	18.6674	-16.4490	13.1204	0.0501	0.5041	0.3800	6.0391
15.9072	13.3759	13.3134	14.2402	14.2400	13.8510	13.1251	13.7270	0.0630	-0.6581	13.0401	21.9358	-3.4206	18.6981	-16.7492	13.1204	0.0499	0.5073	0.4400	6.8125
15.8962	13.3959	13.3256	14.2374	14.2400	14.0104	13.1103	13.7457	0.0735	-0.6844	13.0368	21.9246	-3.4119	18.6423	-16.7884	13.1064	0.0498	0.5045	0.5000	7.6406
15.8935	13.4238	13.4024	14.2425	14.2400	14.2596	13.1180	13.7705	0.0923	-0.7029	13.0313	21.9302	-3.4363	18.6312	-16.9842	13.1204	0.0500	0.4983	0.5900	8.6211
15.8907	13.4255	13.3640	14.2391	14.2400	14.5236	13.1108	13.7936	0.1078	-0.7158	13.0291	21.9330	-3.4328	18.6646	-17.1278	13.0924	0.0500	0.5001	0.6800	9.5625
15.8770	13.4077	13.3768	14.2391	14.2400	14.8226	13.1202	13.8283	0.1299	-0.7275	13.0043	21.9415	-3.4398	18.6730	-17.3236	13.1064	0.0500	0.4991	0.7700	10.5508
15.9017	13.4018	13.3440	14.2413	14.2400	15.0999	13.1235	13.8608	0.1548	-0.7202	13.0296	21.9076	-3.4293	18.6591	-17.3497	13.1204	0.0499	0.5036	0.8600	11.5391
15.9045	13.4034	13.3384	14.2430	14.2400	15.3225	13.1406	13.8724	0.1598	-0.7253	13.0004	21.9556	-3.4241	18.6340	-17.5324	13.1485	0.0499	0.5041	0.9500	12.5195
15.9319	13.3926	13.3317	14.2413	14.2400	15.6297	13.1472	13.8790	0.1786	-0.7163	12.9707	21.9217	-3.4537	18.6228	-17.7935	13.0924	0.0501	0.5076	1.1100	13.9023
15.9457	13.3700	13.3078	14.2374	14.2400	15.7327	13.1593	13.8696	0.1819	-0.7012	12.9354	21.9274	-3.4415	18.6061	-17.9631	13.1204	0.0500	0.5115	1.2700	15.2695
15.9677	13.3878	13.3334	14.2385	14.2400	15.7891	13.1698	13.8652	0.1930	-0.6766	12.9277	21.8963	-3.4415	18.6284	-18.2242	13.1625	0.0500	0.5111	1.4300	16.6992
15.9814	13.3872	13.3172	14.2380	14.2400	15.7842	13.1731	13.8559	0.1880	-0.6609	12.9277	21.9105	-3.4363	18.5949	-18.4591	13.1204	0.0500	0.5133	1.5900	18.0703
15.9594	13.3948	13.3456	14.2397	14.2400	15.7991	13.1842	13.8520	0.1736	-0.6485	12.9294	21.9133	-3.4258	18.6395	-18.5243	13.1204	0.0499	0.5093	1.7500	19.4414
15.9374	13.3964	13.3785	14.2419	14.2400	15.7593	13.2046	13.8476	0.1714	-0.6284	12.9481	21.9358	-3.4363	18.6340	-18.8766	13.1064	0.0500	0.5053	2.0000	21.4219
15.8935	13.4222	13.3930	14.2380	14.2400	15.7360	13.2222	13.8470	0.1648	-0.6026	12.9630	21.9330	-3.4311	18.6507	-19.0985	13.0784	0.0500	0.4990	2.2500	23.3398
15.8852	13.4599	13.4136	14.2447	14.2400	15.7211	13.2531	13.8564	0.1703	-0.5774	12.9872	21.9471	-3.4241	18.6591	-19.3203	13.1204	0.0499	0.4949	2.5000	25.2695

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15.9494	13.4225	13.3722	14.2464	14.2400	13.2637	13.2624	13.5586	-0.0379	-0.3895	13.0954	38.8340	-7.6837	31.4774	-7.4322	12.4757	0.1006	0.5054	0.0000	0.2227
15.9522	13.4133	13.3594	14.2481	14.2400	13.2487	13.2332	13.5465	-0.0324	-0.4007	13.0442	38.8142	-7.6959	31.4802	-7.7200	12.6578	0.1006	0.5068	0.0400	0.9297
15.9467	13.4015	13.3488	14.2408	14.2400	13.2171	13.1985	13.5377	-0.0153	-0.4091	13.0321	38.8340	-7.7220	31.4718	-7.9946	12.5317	0.1008	0.5076	0.0800	1.5898
15.9659	13.4090	13.3678	14.2453	14.2400	13.2072	13.1764	13.5327	-0.0114	-0.4119	13.0056	38.7578	-7.6697	31.3882	-8.0208	12.5037	0.1004	0.5079	0.1200	2.3125
15.9824	13.4107	13.3589	14.2492	14.2400	13.2005	13.1648	13.5388	-0.0114	-0.4175	13.0123	38.4870	-7.6087	31.1874	-8.2170	12.4617	0.0996	0.5098	0.1600	2.9727
15.9659	13.4058	13.3745	14.2459	14.2400	13.1906	13.1488	13.5349	-0.0064	-0.4237	13.0045	38.2726	-7.5390	31.0536	-8.4131	12.3496	0.0989	0.5077	0.2000	3.6797
15.9302	13.4187	13.3839	14.2459	14.2400	13.1956	13.1395	13.5360	-0.0048	-0.4299	13.0029	38.1456	-7.5546	30.9393	-8.6224	12.3917	0.0988	0.5031	0.2600	4.4531
15.9302	13.4026	13.3450	14.2420	14.2400	13.2138	13.1323	13.5476	0.0063	-0.4422	13.0012	38.3854	-7.5930	31.0759	-8.7924	12.5037	0.0994	0.5062	0.3200	5.2695
15.9714	13.4316	13.3817	14.2375	14.2400	13.2304	13.1213	13.5492	0.0052	-0.4556	12.9963	38.5801	-7.6488	31.2376	-8.8970	12.6298	0.1000	0.5064	0.3800	6.0430
15.9439	13.4069	13.3694	14.2431	14.2400	13.2454	13.1053	13.5520	0.0074	-0.4736	12.9781	38.6478	-7.6802	31.2822	-9.0277	12.5317	0.1003	0.5059	0.4400	6.8711
15.9549	13.4220	13.3873	14.2448	14.2400	13.2720	13.0926	13.5608	0.0151	-0.4892	12.9875	38.6901	-7.6749	31.3491	-9.3416	12.4897	0.1003	0.5051	0.5000	7.6914
15.9192	13.4037	13.3505	14.2459	14.2400	13.3467	13.0904	13.5624	0.0201	-0.5089	12.9803	38.6732	-7.6714	31.3463	-9.4200	12.4897	0.1003	0.5048	0.5900	8.6211
15.9632	13.4074	13.3672	14.2459	14.2400	13.4048	13.0656	13.5641	0.0284	-0.5475	12.9594	38.6816	-7.6993	31.2794	-9.6161	12.4617	0.1005	0.5077	0.6800	9.6094
16.0181	13.3854	13.3566	14.2380	14.2400	13.5327	13.0518	13.5795	0.0345	-0.5895	12.9208	38.6619	-7.6662	31.3185	-9.7992	12.4897	0.1002	0.5146	0.7700	10.6016
16.0319	13.3843	13.3372	14.2448	14.2400	13.7004	13.0347	13.5828	0.0434	-0.6186	12.9032	38.6421	-7.6837	31.2878	-10.1260	12.4757	0.1003	0.5170	0.8600	11.5898
16.0950	13.3993	13.3617	14.2498	14.2400	13.9246	13.0308	13.6120	0.0610	-0.6450	12.8927	38.6308	-7.6523	31.2989	-10.3482	12.4617	0.1001	0.5205	0.9500	12.5820
16.0456	13.4160	13.3728	14.2459	14.2400	14.3315	13.0242	13.6522	0.0975	-0.6584	12.9082	38.6478	-7.6854	31.2711	-10.5705	12.4617	0.1004	0.5145	1.1100	13.9531
16.0044	13.4015	13.3539	14.2420	14.2400	14.8198	13.0374	13.7144	0.1329	-0.6696	12.9071	38.6139	-7.6784	31.3101	-11.0149	12.3776	0.1003	0.5126	1.2700	15.3828
15.9906	13.4139	13.3650	14.2481	14.2400	15.2583	13.0667	13.7656	0.1656	-0.6707	12.9104	38.6139	-7.6436	31.2627	-11.2240	12.3636	0.1000	0.5101	1.4300	16.7500
15.9384	13.4123	13.3772	14.2442	14.2400	15.5489	13.1053	13.8096	0.1833	-0.6601	12.9241	38.6196	-7.6802	31.2627	-11.3808	12.3636	0.1003	0.5046	1.5900	18.1328
15.9137	13.4311	13.4079	14.2436	14.2400	15.6950	13.1521	13.8338	0.1899	-0.6410	12.9511	38.5801	-7.6732	31.2264	-11.7337	12.3636	0.1002	0.4995	1.7500	19.5508
15.9302	13.4596	13.4229	14.2464	14.2400	15.7349	13.1974	13.8470	0.1722	-0.6287	12.9632	38.5631	-7.6488	31.2292	-11.9950	12.3776	0.1000	0.4987	2.0000	21.4805
15.9110	13.4591	13.4034	14.2464	14.2400	15.7366	13.2211	13.8476	0.1584	-0.6231	12.9522	38.5575	-7.6749	31.2181	-12.3740	12.3636	0.1002	0.4980	2.2500	23.4023
15.8917	13.4580	13.4452	14.2436	14.2400	15.7432	13.2084	13.8426	0.1562	-0.6214	12.9489	38.5772	-7.6837	31.2097	-12.8313	12.3636	0.1003	0.4939	2.5000	25.3203

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16.0175	13.4823	13.4450	14.2503	14.2400	13.5725	13.2168	13.4918	0.0214	-0.3259	13.0777	56.0916	-11.6533	44.9195	-11.8644	12.3496	0.1492	0.5044	0.0000	0.2227
16.0011	13.4355	13.4015	14.2463	14.2400	13.5824	13.1992	13.4835	0.0330	-0.3393	13.0458	56.1029	-11.7265	44.9390	-12.0996	12.3636	0.1497	0.5078	0.0400	0.9414
15.9736	13.4193	13.3848	14.2491	14.2400	13.5824	13.1892	13.4774	0.0346	-0.3321	13.0315	56.1480	-11.7213	44.9530	-12.2956	12.3776	0.1497	0.5071	0.0800	1.6016
15.9653	13.4279	13.3982	14.2508	14.2400	13.5908	13.1738	13.4653	0.0319	-0.3332	13.0216	56.1565	-11.6986	44.9502	-12.4001	12.3636	0.1496	0.5051	0.1200	2.2500
15.9736	13.4559	13.4322	14.2503	14.2400	13.5625	13.1622	13.4477	-0.0057	-0.3332	13.0216	56.1678	-11.7387	44.9362	-12.4916	12.3776	0.1499	0.5024	0.1600	2.9727
15.9873	13.4688	13.4249	14.2514	14.2400	13.5741	13.1534	13.4433	-0.0024	-0.3186	13.0420	56.1762	-11.7562	44.9474	-12.7529	12.3636	0.1500	0.5034	0.2000	3.6328
16.0120	13.4538	13.4232	14.2514	14.2400	13.5592	13.1396	13.4373	-0.0201	-0.3040	13.0012	56.1706	-11.7335	44.9669	-12.8835	12.3636	0.1498	0.5066	0.2600	4.4492
16.0395	13.4268	13.3871	14.2480	14.2400	13.5326	13.1131	13.4307	-0.0196	-0.2945	12.9918	56.1649	-11.7108	44.9697	-13.0665	12.4477	0.1497	0.5126	0.3200	5.2227
16.0148	13.4435	13.4110	14.2548	14.2400	13.5011	13.0977	13.4285	-0.0284	-0.2816	12.9858	56.1678	-11.7562	44.9641	-13.1710	12.3356	0.1500	0.5081	0.3800	6.0430
16.0175	13.4387	13.3904	14.2435	14.2400	13.4645	13.0845	13.4213	-0.0461	-0.2951	12.9759	56.1565	-11.7440	44.9558	-13.3277	12.3496	0.1499	0.5098	0.4400	6.8711
16.0395	13.4613	13.4155	14.2531	14.2400	13.4346	13.0734	13.4285	-0.0395	-0.2945	12.9742	56.1790	-11.7352	44.9530	-13.4845	12.3496	0.1499	0.5092	0.5000	7.6406
16.0313	13.4430	13.4288	14.2542	14.2400	13.3749	13.0530	13.4406	-0.0229	-0.2984	12.9544	56.1706	-11.7422	44.9530	-13.6804	12.2936	0.1499	0.5087	0.5900	8.6328
15.9736	13.4462	13.4238	14.2497	14.2400	13.3582	13.0464	13.4466	-0.0245	-0.3147	12.9593	56.1706	-11.7719	44.9418	-13.9286	12.3356	0.1501	0.5034	0.6800	9.6094
15.9681	13.4624	13.4411	14.2536	14.2400	13.3881	13.0497	13.4708	-0.0102	-0.3382	12.9682	56.1339	-11.7631	44.9362	-14.1115	12.3076	0.1500	0.5011	0.7700	10.6016
15.9791	13.4957	13.4711	14.2491	14.2400	13.4081	13.0585	13.4813	-0.0046	-0.3595	12.9737	56.1367	-11.7405	44.9112	-14.2160	12.3216	0.1498	0.4986	0.8600	11.5898
15.9681	13.4731	13.4438	14.2542	14.2400	13.4695	13.0679	13.5022	0.0131	-0.3819	12.9863	56.1311	-11.7370	44.9251	-14.3205	12.3356	0.1498	0.5003	0.9500	12.5820
15.9681	13.4559	13.4188	14.2525	14.2400	13.5957	13.0536	13.5132	0.0380	-0.4351	12.9516	56.1339	-11.7666	44.9195	-14.5686	12.2516	0.1500	0.5027	1.1100	13.9492
15.9708	13.4812	13.4344	14.2497	14.2400	13.8465	13.0519	13.5479	0.0623	-0.4810	12.9698	56.1339	-11.7509	44.9112	-14.8821	12.2936	0.1499	0.5006	1.2700	15.3828
15.9846	13.4634	13.4405	14.2525	14.2400	14.2933	13.0608	13.5925	0.0955	-0.5102	12.9660	56.1226	-11.7788	44.8888	-15.0519	12.2376	0.1501	0.5026	1.4300	16.7500
16.0230	13.4602	13.4210	14.2519	14.2400	14.8114	13.0784	13.6591	0.1275	-0.5410	12.9483	56.1226	-11.7736	44.9084	-15.2869	12.2376	0.1501	0.5074	1.5900	18.1797
15.9763	13.4737	13.4349	14.2514	14.2400	15.3230	13.1131	13.7147	0.1624	-0.5337	12.9384	56.1311	-11.7771	44.8777	-15.5481	12.2236	0.1501	0.5016	1.7500	19.5625
16.0230	13.4882	13.4405	14.2475	14.2400	15.7282	13.1683	13.7720	0.1928	-0.5432	12.9379	56.1593	-11.7649	44.9474	-15.8484	12.2236	0.1500	0.5048	2.0000	21.4805
16.0340	13.4839	13.4611	14.2503	14.2400	15.8295	13.1975	13.7945	0.1795	-0.5656	12.9136	56.1649	-11.7875	44.9112	-16.1356	12.1536	0.1502	0.5049	2.2500	23.4023
16.0148	13.4871	13.4611	14.2503	14.2400	15.8444	13.2130	13.8017	0.1784	-0.5707	12.9202	56.1593	-11.7649	44.8944	-16.4359	12.1956	0.1500	0.5029	2.5000	25.3828

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17.7388	12.8267	12.7304	14.2452	14.2400	13.0702	12.3450	13.2726	0.0274	-1.1266	12.2114	21.6798	-3.5387	18.3469	-3.8467	12.9381	0.0506	0.7008	0.0000	0.2773
17.7278	12.8406	12.7437	14.2413	14.2400	13.0669	12.3185	13.2688	0.0473	-1.1361	12.1624	21.7108	-3.5160	18.3860	-4.1739	12.9241	0.0504	0.6990	0.0400	0.9375
17.7113	12.8546	12.7042	14.2463	14.2400	13.1334	12.2992	13.2809	0.0672	-1.1513	12.1211	21.6995	-3.5265	18.3720	-4.5012	12.9802	0.0505	0.6990	0.0800	1.5898
17.7003	12.8934	12.7933	14.2463	14.2400	13.2895	12.2904	13.3018	0.0832	-1.1770	12.1040	21.7080	-3.5282	18.4250	-4.8415	13.0082	0.0505	0.6927	0.1200	2.3086
17.6673	12.8616	12.7432	14.2446	14.2400	13.4290	12.2866	13.3090	0.1065	-1.1866	12.0853	21.7164	-3.5282	18.3637	-5.1425	12.9522	0.0505	0.6942	0.1600	2.9688
17.6508	12.8455	12.7688	14.2452	14.2400	13.6150	12.2844	13.3398	0.1142	-1.2224	12.0792	21.7221	-3.5334	18.3999	-5.3650	12.9802	0.0506	0.6927	0.2000	3.6289
17.6508	12.8525	12.7515	14.2379	14.2400	13.8890	12.2893	13.3805	0.1369	-1.2420	12.0605	21.7051	-3.5282	18.3916	-5.6790	12.8961	0.0505	0.6932	0.2600	4.4492
17.7085	12.8390	12.7443	14.2435	14.2400	14.2859	12.2877	13.4070	0.1551	-1.2762	12.0247	21.7221	-3.5212	18.3776	-5.8622	12.9662	0.0505	0.6978	0.3200	5.2188
17.7223	12.9257	12.8200	14.2463	14.2400	14.7360	12.3003	13.4648	0.1878	-1.3048	12.0225	21.7192	-3.5422	18.4027	-6.1632	12.9381	0.0506	0.6915	0.3800	6.0391
17.7553	12.8573	12.7554	14.2407	14.2400	15.2193	12.3086	13.5099	0.2154	-1.3350	11.9790	21.7249	-3.5404	18.3804	-6.5426	12.9101	0.0506	0.6994	0.4400	6.8086
17.7965	12.8950	12.8022	14.2463	14.2400	15.7026	12.3230	13.5666	0.2530	-1.3423	11.9613	21.7277	-3.5178	18.4167	-6.7650	12.9381	0.0504	0.6984	0.5000	7.6367
17.8267	12.8520	12.7532	14.2446	14.2400	16.3636	12.3489	13.6189	0.2962	-1.3484	11.9079	21.7192	-3.5404	18.4027	-7.3668	12.9101	0.0506	0.7043	0.5900	8.5703
17.8624	12.8595	12.7799	14.2396	14.2400	16.9100	12.3957	13.6679	0.3277	-1.3193	11.8831	21.7475	-3.5334	18.3916	-7.6415	12.9241	0.0506	0.7050	0.6800	9.5586
17.8707	12.8929	12.7899	14.2435	14.2400	17.2654	12.4316	13.6872	0.3537	-1.2829	11.8347	21.7503	-3.5439	18.4250	-7.9423	12.9241	0.0507	0.7036	0.7700	10.5469
17.8652	12.9402	12.8244	14.2480	14.2400	17.4481	12.4895	13.7009	0.3487	-1.2286	11.8424	21.7616	-3.5422	18.4167	-8.2170	12.9241	0.0507	0.6997	0.8600	11.4766
17.7800	12.8746	12.7966	14.2452	14.2400	17.5178	12.5297	13.6993	0.3382	-1.1826	11.8358	21.7418	-3.5195	18.4334	-8.5047	12.8961	0.0505	0.6985	0.9500	12.4688
17.7553	12.9052	12.8328	14.2519	14.2400	17.5046	12.5893	13.6927	0.3083	-1.1305	11.8473	21.7531	-3.5352	18.4445	-9.0539	12.9522	0.0506	0.6940	1.1100	13.8398
17.6673	12.9553	12.8734	14.2424	14.2400	17.4365	12.6207	13.6723	0.2867	-1.0841	11.8716	21.7531	-3.5247	18.4473	-9.4854	12.8681	0.0505	0.6843	1.2700	15.2695
17.7140	12.9128	12.8417	14.2424	14.2400	17.4398	12.6588	13.6745	0.2779	-1.0504	11.8639	21.7672	-3.5160	18.4501	-9.9822	12.8821	0.0505	0.6906	1.4300	16.6367
17.8020	12.9930	12.8512	14.2474	14.2400	17.4979	12.6831	13.6723	0.2746	-1.0269	11.8192	21.7813	-3.5317	18.4418	-10.4005	12.8821	0.0506	0.6923	1.5900	18.0195
17.8844	12.9715	12.8734	14.2463	14.2400	17.5527	12.7024	13.6756	0.2558	-1.0230	11.7719	21.7954	-3.5282	18.4780	-10.8188	12.8961	0.0506	0.6975	1.7500	19.4492
17.9586	12.9887	12.9029	14.2396	14.2400	17.6474	12.7183	13.6822	0.2574	-1.0084	11.6992	21.7813	-3.5195	18.4864	-11.4331	12.8540	0.0505	0.7001	2.0000	21.3672
18.0795	13.0188	12.9274	14.2452	14.2400	17.7371	12.7470	13.6938	0.2502	-0.9989	11.6507	21.7870	-3.5265	18.4892	-11.9558	12.8681	0.0506	0.7052	2.2500	23.2891
18.1207	13.0786	12.9948	14.2435	14.2400	17.7952	12.7994	13.7246	0.2685	-0.9586	11.6606	21.8039	-3.5160	18.4975	-12.5569	12.8400	0.0505	0.7023	2.5000	25.2070

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17.9497	12.8888	12.8022	14.2487	14.2400	12.2378	12.2850	13.0601	-0.0193	-0.9120	12.1488	38.1798	-7.5877	30.8522	-13.0403	12.1536	0.0991	0.7082	0.0000	0.2695
17.9414	12.9427	12.8484	14.2392	14.2400	12.2112	12.2503	13.0474	-0.0055	-0.9232	12.0893	38.1657	-7.5946	30.8773	-13.2494	12.1116	0.0991	0.7034	0.0400	0.9297
17.9304	12.9664	12.8996	14.2431	14.2400	12.2378	12.2343	13.0590	0.0194	-0.9215	12.0595	38.1685	-7.5859	30.9080	-13.4845	12.1956	0.0991	0.6994	0.0800	1.6484
17.9030	12.8808	12.8323	14.2454	14.2400	12.2694	12.2227	13.0623	0.0277	-0.9327	12.0243	38.3180	-7.6295	30.9861	-13.5629	12.2236	0.0996	0.7043	0.1200	2.3086
17.8672	12.9427	12.8674	14.2431	14.2400	12.3291	12.2277	13.0843	0.0398	-0.9417	12.0193	38.3378	-7.6191	30.9972	-13.8111	12.2236	0.0995	0.6979	0.1600	2.9688
17.7903	12.9411	12.8679	14.2414	14.2400	12.4039	12.2321	13.1069	0.0515	-0.9551	12.0469	38.3519	-7.6365	31.0390	-13.9548	12.2096	0.0997	0.6931	0.2000	3.6797
17.7518	12.9211	12.8852	14.2420	14.2400	12.4869	12.2370	13.1267	0.0620	-0.9708	12.0254	38.3434	-7.6382	31.0279	-14.1115	12.1956	0.0997	0.6907	0.2600	4.4492
17.7409	12.9556	12.8952	14.2426	14.2400	12.6198	12.2475	13.1537	0.0675	-0.9988	12.0248	38.3519	-7.6452	31.0418	-14.3989	12.1116	0.0997	0.6881	0.3200	5.2695
17.8617	12.9508	12.9008	14.2476	14.2400	12.7576	12.2365	13.1691	0.0752	-1.0341	12.0006	38.3547	-7.6365	31.0362	-14.5556	12.1116	0.0997	0.6957	0.3800	6.0391
17.8892	12.9179	12.8807	14.2487	14.2400	12.9387	12.2106	13.1817	0.0902	-1.0884	11.9340	38.3490	-7.6504	31.0558	-14.7645	12.1116	0.0998	0.6998	0.4400	6.8672
17.8975	12.9271	12.9041	14.2459	14.2400	13.1363	12.2056	13.2071	0.1134	-1.1293	11.9009	38.3152	-7.6347	31.0251	-14.8690	12.0416	0.0996	0.6989	0.5000	7.6289
17.8590	13.0014	12.9425	14.2431	14.2400	13.5166	12.2089	13.2676	0.1466	-1.1584	11.9053	38.3547	-7.6435	31.0028	-15.0649	12.1816	0.0997	0.6915	0.5900	8.6172
17.8315	12.9357	12.8679	14.2420	14.2400	13.9401	12.2232	13.3133	0.1720	-1.1820	11.9114	38.3378	-7.6452	31.0000	-15.3391	12.1116	0.0997	0.6959	0.6800	9.6094
17.8288	12.9486	12.9041	14.2470	14.2400	14.4915	12.2414	13.3788	0.2024	-1.2066	11.8822	38.3378	-7.6487	31.0000	-15.5350	12.1116	0.0997	0.6936	0.7700	10.5977
17.9030	12.9389	12.8735	14.2392	14.2400	15.1193	12.2569	13.4427	0.2190	-1.2335	11.8503	38.3575	-7.6225	31.0056	-15.7962	12.1116	0.0996	0.7000	0.8600	11.5898
17.9662	12.9777	12.9358	14.2442	14.2400	15.7803	12.2789	13.5247	0.2649	-1.2548	11.8293	38.3547	-7.6452	31.0167	-15.9528	12.1116	0.0997	0.6996	0.9500	12.5195
17.9634	12.9540	12.9152	14.2420	14.2400	16.7502	12.3401	13.6354	0.3224	-1.2548	11.7787	38.4421	-7.6923	31.0558	-16.3445	12.0976	0.1002	0.7013	1.1100	13.9492
17.8837	12.9782	12.9470	14.2420	14.2400	17.2816	12.4146	13.6987	0.3440	-1.2178	11.7731	38.5268	-7.6958	31.1366	-16.8145	12.0976	0.1003	0.6939	1.2700	15.3203
18.0898	13.0380	13.0104	14.2431	14.2400	17.6470	12.5023	13.7350	0.3473	-1.1724	11.7368	38.5578	-7.7202	31.1394	-17.0495	12.0416	0.1005	0.7015	1.4300	16.7500
18.1475	12.9701	12.9342	14.2482	14.2400	17.8297	12.5486	13.7504	0.3352	-1.1456	11.6234	38.5324	-7.7097	31.1506	-17.3758	12.0416	0.1004	0.7112	1.5900	18.1289
18.3014	13.0557	13.0143	14.2420	14.2400	17.9476	12.5712	13.7565	0.3258	-1.1327	11.5920	38.5324	-7.7010	31.1561	-17.7674	12.2376	0.1003	0.7135	1.7500	19.5000
18.2079	13.0428	12.9921	14.2426	14.2400	17.9293	12.6037	13.7614	0.3153	-1.1008	11.5947	38.4873	-7.7132	31.1255	-18.2633	11.9996	0.1004	0.7093	2.0000	21.4805
18.0733	13.0805	13.0143	14.2426	14.2400	17.7898	12.6252	13.7477	0.2992	-1.0873	11.6558	38.5437	-7.7097	31.1701	-18.7462	11.9576	0.1004	0.6984	2.2500	23.3984
18.3261	13.1192	13.0706	14.2476	14.2400	17.9160	12.6738	13.7796	0.3059	-1.0548	11.6107	38.5437	-7.7132	31.1255	-19.0724	11.9996	0.1004	0.7099	2.5000	25.3203

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18.0802	12.9712	12.9236	14.2520	14.2400	12.3699	12.3994	12.9910	-0.0521	-0.7321	12.1076	56.1168	-11.8005	44.8358	-16.6709	11.5378	0.1503	0.7075	0.0000	0.2227
18.1022	12.9922	12.9392	14.2559	14.2400	12.3234	12.3537	12.9695	-0.0383	-0.7612	12.0255	56.0999	-11.8128	44.8275	-16.8014	11.4819	0.1503	0.7072	0.0400	0.9414
18.0802	12.9890	12.9576	14.2553	14.2400	12.3085	12.3167	12.9569	-0.0272	-0.7691	11.9969	56.1112	-11.8389	44.8498	-17.0495	11.4819	0.1505	0.7052	0.0800	1.6016
18.0363	12.9874	12.9498	14.2492	14.2400	12.2869	12.2924	12.9591	-0.0184	-0.7590	11.9699	56.0971	-11.7936	44.8609	-17.1931	11.5239	0.1502	0.7029	0.1200	2.3125
18.0088	12.9664	12.9292	14.2525	14.2400	12.3068	12.2704	12.9607	-0.0118	-0.7568	11.9677	56.0717	-11.8494	44.7801	-17.2453	11.4539	0.1505	0.7030	0.1600	2.9727
17.9539	12.9890	12.9526	14.2447	14.2400	12.3185	12.2726	12.9778	0.0059	-0.7540	11.9787	56.0914	-11.7971	44.7996	-17.4019	11.4819	0.1502	0.6976	0.2000	3.6797
18.0528	13.0014	12.9565	14.2508	14.2400	12.3334	12.2682	12.9888	0.0010	-0.7663	11.9435	56.0858	-11.8040	44.8330	-17.5324	11.4959	0.1502	0.7031	0.2600	4.4492
18.1242	13.0261	13.0133	14.2536	14.2400	12.3550	12.2428	12.9904	-0.0084	-0.7960	11.9159	56.0717	-11.7727	44.8107	-17.7413	11.4819	0.1500	0.7040	0.3200	5.2813
18.1132	12.9938	12.9810	14.2520	14.2400	12.3733	12.2180	12.9882	-0.0123	-0.8290	11.8757	56.0830	-11.8337	44.8107	-17.9109	11.4679	0.1504	0.7061	0.3800	6.1016
18.0692	13.0008	12.9960	14.2503	14.2400	12.4563	12.1954	13.0081	0.0043	-0.8604	11.8531	56.0858	-11.8372	44.7801	-18.0284	11.4539	0.1505	0.7024	0.4400	6.8711
18.0006	13.0218	12.9910	14.2514	14.2400	12.5310	12.1992	13.0273	0.0209	-0.8845	11.8647	56.0886	-11.8790	44.7745	-18.1850	11.4819	0.1508	0.6975	0.5000	7.6914
18.0280	13.0089	12.9799	14.2536	14.2400	12.6855	12.1987	13.0598	0.0325	-0.9203	11.8614	56.0773	-11.8232	44.7717	-18.4330	11.4539	0.1504	0.7002	0.5900	8.6797
18.0665	13.0293	12.9648	14.2480	14.2400	12.9230	12.2014	13.0945	0.0541	-0.9836	11.8383	56.0886	-11.8720	44.7773	-18.6157	11.4399	0.1507	0.7024	0.6800	9.6094
18.1544	13.0267	12.9826	14.2508	14.2400	13.2269	12.1844	13.1242	0.0723	-1.0503	11.7766	56.0830	-11.8372	44.7494	-18.8897	11.4399	0.1505	0.7071	0.7700	10.6016
18.1929	13.0267	13.0249	14.2508	14.2400	13.6620	12.1656	13.1633	0.1110	-1.1113	11.7221	56.1056	-11.8720	44.7801	-19.0593	11.3560	0.1507	0.7077	0.8600	11.5898
18.3165	13.0541	12.9910	14.2564	14.2400	14.2367	12.1595	13.2162	0.1403	-1.1589	11.6477	56.0886	-11.8563	44.7996	-19.3725	11.3560	0.1506	0.7154	0.9500	12.5820
18.3138	13.0638	13.0305	14.2492	14.2400	15.3295	12.1717	13.3598	0.2310	-1.2088	11.6483	56.0717	-11.8389	44.7578	-19.5421	11.3560	0.1505	0.7132	1.1100	13.9492
18.1544	13.0880	13.0578	14.2497	14.2400	16.2745	12.2274	13.4903	0.3090	-1.2099	11.6764	56.0717	-11.8877	44.7187	-19.8943	11.3560	0.1508	0.7013	1.2700	15.3828
18.0802	13.0934	13.0600	14.2469	14.2400	17.0667	12.3206	13.5921	0.3521	-1.1858	11.6951	56.0661	-11.9017	44.7271	-20.0770	11.3560	0.1509	0.6964	1.4300	16.7500
17.9511	13.1063	13.0383	14.2548	14.2400	17.4254	12.4226	13.6494	0.3693	-1.1349	11.7127	56.0661	-11.8895	44.7187	-20.4162	11.3560	0.1508	0.6886	1.5900	18.1797
18.1764	13.1327	13.0934	14.2486	14.2400	17.7110	12.5042	13.6907	0.3626	-1.1007	11.6527	56.1027	-11.9017	44.7299	-20.6249	11.3141	0.1510	0.6992	1.7500	19.5625
18.5418	13.1596	13.1864	14.2531	14.2400	18.1595	12.5626	13.7551	0.3527	-1.1153	11.4566	56.0830	-11.8825	44.7382	-21.0553	11.3281	0.1508	0.7162	2.0000	21.4805
18.5638	13.1655	13.1435	14.2492	14.2400	18.2176	12.6079	13.7667	0.3328	-1.1125	11.4318	56.0519	-11.9383	44.6881	-21.5900	11.2582	0.1511	0.7191	2.2500	23.4023
18.4704	13.2178	13.2014	14.2486	14.2400	18.1329	12.6371	13.7749	0.3195	-1.0934	11.4886	56.0689	-11.9348	44.6741	-22.0465	11.2302	0.1511	0.7089	2.5000	25.3828

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15.8010	13.3283	13.2509	14.1975	14.2000	14.9478	13.4352	13.6923	-0.1079	-0.3086	13.0706	14.1896	0.0037	13.2825	-1.8040	14.3698	0.0000	0.5035	0.0000	0.2695
15.8038	13.3375	13.2748	14.1930	14.2000	14.9578	13.4297	13.6868	-0.1096	-0.3148	13.0656	14.2150	-0.0033	13.3327	-1.9611	14.4822	0.0000	0.5019	0.0400	0.8828
15.8065	13.3708	13.2737	14.1897	14.2000	15.0142	13.4325	13.7022	-0.1052	-0.3092	13.0711	14.1868	0.0002	13.3355	-2.1314	14.6930	0.0000	0.5003	0.0800	1.4805
15.7790	13.3536	13.2726	14.1913	14.2000	15.1687	13.4440	13.7082	-0.1074	-0.3030	13.0623	14.1868	-0.0033	13.3160	-2.1576	14.8618	0.0000	0.4987	0.1200	2.1406
15.7735	13.3499	13.2893	14.1964	14.2000	15.3132	13.4512	13.7214	-0.1068	-0.3047	13.0612	14.1868	-0.0102	13.2964	-2.2231	14.6509	0.0000	0.4975	0.1600	2.7500
15.7845	13.3359	13.2565	14.1846	14.2000	15.4743	13.4562	13.7346	-0.1007	-0.3007	13.0601	14.2009	-0.0015	13.2658	-2.3016	14.5243	0.0000	0.5012	0.2000	3.3516
15.8285	13.3988	13.3066	14.1891	14.2000	15.5889	13.4694	13.7473	-0.0980	-0.2979	13.0485	14.1953	0.0089	13.2602	-2.4588	14.3979	0.0000	0.4990	0.2600	4.1211
15.8120	13.3359	13.2771	14.1947	14.2000	15.6603	13.4705	13.7484	-0.0969	-0.3019	13.0210	14.2037	0.0177	13.3076	-2.4850	14.3979	0.0000	0.5026	0.3200	4.8320
15.8312	13.3999	13.3127	14.1981	14.2000	15.6852	13.4771	13.7561	-0.0919	-0.3041	13.0238	14.1953	0.0002	13.2881	-2.7076	14.3838	0.0000	0.4988	0.3800	5.6016
15.8312	13.3547	13.2927	14.1953	14.2000	15.6819	13.4722	13.7583	-0.0913	-0.3064	13.0111	14.1925	-0.0102	13.3187	-2.7338	14.4962	0.0000	0.5025	0.4400	6.3203
15.8010	13.3466	13.2893	14.1986	14.2000	15.6702	13.4733	13.7594	-0.0897	-0.3024	13.0150	14.1953	0.0002	13.2881	-2.8647	14.7352	0.0000	0.5003	0.5000	7.0820
15.7955	13.3542	13.2865	14.1913	14.2000	15.6835	13.4799	13.7644	-0.0880	-0.3058	13.0194	14.1755	0.0072	13.2686	-3.1397	14.2433	0.0000	0.4995	0.5900	8.0195
15.8120	13.3665	13.3016	14.1953	14.2000	15.6702	13.4793	13.7583	-0.0941	-0.3170	13.0017	14.1953	0.0107	13.3020	-3.2182	14.5103	0.0000	0.4995	0.6800	8.9023
15.8340	13.3585	13.3077	14.1986	14.2000	15.6852	13.4848	13.7605	-0.0919	-0.3153	12.9863	14.2037	0.0072	13.2964	-3.2837	14.4260	0.0000	0.5017	0.7700	9.8320
15.8175	13.3445	13.2682	14.1897	14.2000	15.6802	13.4771	13.7600	-0.0969	-0.3187	12.9863	14.2094	-0.0068	13.2741	-3.4408	14.5243	0.0000	0.5031	0.8600	10.7617
15.8367	13.3396	13.2520	14.1981	14.2000	15.6835	13.4810	13.7671	-0.0919	-0.3181	12.9775	14.1784	-0.0033	13.3076	-3.5979	14.5103	0.0000	0.5061	0.9500	11.7031
15.8312	13.3289	13.2676	14.1930	14.2000	15.6752	13.4793	13.7655	-0.0969	-0.3142	12.9566	14.1925	0.0072	13.2964	-3.8597	14.5525	0.0000	0.5053	1.1100	13.0195
15.8230	13.3665	13.2993	14.1947	14.2000	15.6653	13.4876	13.7699	-0.0902	-0.3120	12.9714	14.1925	0.0002	13.3327	-4.0430	14.3276	0.0000	0.5007	1.2700	14.3906
15.8230	13.3622	13.3049	14.1941	14.2000	15.6586	13.4915	13.7710	-0.0902	-0.3153	12.9577	14.1953	0.0037	13.3215	-4.2786	14.5665	0.0000	0.5006	1.4300	15.7109
15.8505	13.3649	13.3082	14.1953	14.2000	15.6553	13.4931	13.7721	-0.0913	-0.3209	12.9456	14.1868	-0.0015	13.3438	-4.3703	14.4822	0.0000	0.5029	1.5900	17.0313
15.8477	13.3784	13.3188	14.1913	14.2000	15.6553	13.5069	13.7798	-0.0913	-0.3064	12.9610	14.1925	0.0072	13.3076	-4.5928	15.2416	0.0000	0.5013	1.7500	18.4023
15.8367	13.3633	13.2910	14.1964	14.2000	15.6702	13.5080	13.7770	-0.1018	-0.3120	12.9445	14.1953	0.0055	13.3299	-4.9724	15.1431	0.0000	0.5026	2.0000	20.2695
15.8450	13.3612	13.2977	14.1913	14.2000	15.6702	13.5119	13.7798	-0.1040	-0.3086	12.9351	14.2178	-0.0120	13.3132	-5.2210	15.2698	0.0000	0.5031	2.2500	22.1328
15.8450	13.3897	13.3372	14.1913	14.2000	15.6752	13.5168	13.7847	-0.0913	-0.3047	12.9500	14.1896	-0.0068	13.3160	-5.4697	15.4387	0.0000	0.4993	2.5000	24.0000

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17.8102	12.8261	12.6555	14.2027	14.2000	16.1639	13.0471	13.4549	-0.2817	-0.5224	12.0401	14.1426	-0.0291	12.5355	5.1956	14.7352	0.0000	0.7086	0.0000	0.2188
17.8267	12.8363	12.6906	14.1993	14.2000	16.2635	13.0410	13.4499	-0.2745	-0.5207	12.0114	14.1172	-0.0238	12.6052	5.0120	14.5665	0.0000	0.7077	0.0400	0.8281
17.7965	12.8196	12.6745	14.1909	14.2000	16.4329	13.0426	13.4598	-0.2789	-0.5173	11.9789	14.1426	-0.0273	12.5467	4.7103	14.8899	0.0000	0.7072	0.0800	1.4883
17.8239	12.8034	12.6344	14.1977	14.2000	16.7850	13.0487	13.4874	-0.2773	-0.5162	11.9509	14.1285	-0.0395	12.5690	4.4086	14.7633	0.0000	0.7114	0.1200	2.0898
17.8075	12.8083	12.6822	14.2010	14.2000	17.1155	13.0708	13.5055	-0.2756	-0.5083	11.9398	14.1398	-0.0273	12.5578	4.1332	14.9321	0.0000	0.7081	0.1600	2.6992
17.8075	12.7964	12.6895	14.2038	14.2000	17.4128	13.0862	13.5353	-0.2640	-0.5022	11.9360	14.1313	-0.0430	12.5746	4.0413	14.8618	0.0000	0.7083	0.2000	3.3008
17.8322	12.7825	12.6672	14.2038	14.2000	17.5872	13.1110	13.5617	-0.2446	-0.5016	11.9029	14.1370	-0.0291	12.5857	3.6479	14.8477	0.0000	0.7114	0.2600	4.0703
17.8020	12.8002	12.6605	14.1999	14.2000	17.6470	13.1182	13.5721	-0.2325	-0.4915	11.8864	14.1172	-0.0343	12.6025	3.5430	15.0024	0.0000	0.7090	0.3200	4.7813
17.8487	12.7981	12.6767	14.1977	14.2000	17.6868	13.1281	13.5799	-0.2286	-0.4932	11.8649	14.1229	-0.0238	12.6136	3.2807	14.9462	0.0000	0.7113	0.3800	5.5508
17.7855	12.8056	12.6678	14.2010	14.2000	17.6918	13.1430	13.5920	-0.2181	-0.4882	11.8793	14.1511	-0.0378	12.6666	2.9792	14.7212	0.0000	0.7074	0.4400	6.2695
17.7635	12.8056	12.6889	14.2016	14.2000	17.6619	13.1480	13.5942	-0.2181	-0.4910	11.8490	14.1624	-0.0273	12.5801	2.7956	14.4541	0.0000	0.7051	0.5000	6.9805
17.7690	12.8352	12.7106	14.2021	14.2000	17.6453	13.1436	13.6008	-0.2131	-0.4882	11.8385	14.1511	-0.0378	12.6526	2.4809	14.8899	0.0000	0.7032	0.5900	7.9102
17.7800	12.8390	12.7296	14.1977	14.2000	17.6287	13.1469	13.6052	-0.1976	-0.4882	11.8534	14.1116	-0.0447	12.5829	2.2056	14.7774	0.0000	0.7029	0.6800	8.8477
17.7635	12.8395	12.6750	14.2027	14.2000	17.6154	13.1463	13.6024	-0.2032	-0.4960	11.8082	14.1539	-0.0360	12.6387	1.8779	14.8899	0.0000	0.7043	0.7700	9.7813
17.7525	12.8417	12.6689	14.1937	14.2000	17.5971	13.1425	13.6052	-0.1949	-0.4960	11.8027	14.1370	-0.0360	12.6276	1.6420	14.6368	0.0000	0.7037	0.8600	10.6602
17.8349	12.8573	12.6973	14.1937	14.2000	17.6254	13.1612	13.6222	-0.1960	-0.4932	11.7553	14.1483	-0.0395	12.6052	1.3274	14.8899	0.0000	0.7070	0.9500	11.5898
17.8157	12.8664	12.7201	14.2010	14.2000	17.6254	13.1662	13.6211	-0.1982	-0.4932	11.7372	14.1483	-0.0256	12.6387	1.0784	15.1431	0.0000	0.7044	1.1100	12.9102
17.7580	12.8831	12.7763	14.2016	14.2000	17.6154	13.1728	13.6349	-0.1932	-0.4843	11.7140	14.1257	-0.0343	12.6359	0.7639	14.8196	0.0000	0.6976	1.2700	14.2813
17.8047	12.9246	12.8359	14.2005	14.2000	17.5988	13.1904	13.6470	-0.1827	-0.4787	11.7416	14.1483	-0.0360	12.6276	0.2790	14.2433	0.0000	0.6961	1.4300	15.5977
17.8020	12.8907	12.7518	14.2021	14.2000	17.5839	13.1948	13.6426	-0.1910	-0.4854	11.6810	14.1342	-0.0413	12.7112	-0.1141	14.7352	0.0000	0.7011	1.5900	16.9180
17.8349	12.9036	12.7646	14.2010	14.2000	17.6353	13.2108	13.6514	-0.1938	-0.4770	11.6590	14.1229	-0.0360	12.7168	-0.5726	14.7633	0.0000	0.7020	1.7500	18.2891
17.9119	12.9499	12.8186	14.2027	14.2000	17.6669	13.2434	13.6668	-0.2037	-0.4641	11.6458	14.1172	-0.0360	12.7419	-1.0574	14.8477	0.0000	0.7025	2.0000	20.1602
17.8679	12.9251	12.8197	14.2021	14.2000	17.6569	13.2621	13.6762	-0.2065	-0.4462	11.6469	14.1229	-0.0291	12.7363	-1.5158	14.4119	0.0000	0.7008	2.2500	22.0313
17.8514	12.9709	12.8493	14.1999	14.2000	17.6320	13.2787	13.6894	-0.1949	-0.4456	11.6804	14.1285	-0.0395	12.7976	-1.9611	14.7352	0.0000	0.6965	2.5000	23.8984

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15.7863	13.3867	13.3347	14.1994	14.2000	15.0890	13.2567	13.7396	0.1991	-0.4771	13.0767	14.1939	0.0075	13.2383	-3.5194	0.5232	0.0000	0.4940	0.0000	0.2695
15.8083	13.3867	13.3448	14.1960	14.2000	15.0957	13.2445	13.7412	0.2118	-0.4777	13.0740	14.1995	0.0023	13.2550	-3.5848	0.6471	0.0000	0.4956	0.0400	0.8672
15.8083	13.3560	13.2874	14.1910	14.2000	15.1837	13.2390	13.7467	0.2278	-0.4855	13.0679	14.1854	0.0145	13.2773	-3.7288	0.7160	0.0000	0.5005	0.0800	1.4766
15.8055	13.3318	13.2891	14.2016	14.2000	15.3448	13.2340	13.7572	0.2439	-0.4827	13.0519	14.2080	0.0023	13.2578	-3.7943	0.7160	0.0000	0.5016	0.1200	2.0781
15.8083	13.3555	13.3286	14.1972	14.2000	15.4777	13.2351	13.7600	0.2588	-0.4816	13.0371	14.2136	0.0040	13.2299	-3.8597	0.4957	0.0000	0.4983	0.1600	2.7383
15.7863	13.3372	13.2935	14.1949	14.2000	15.6039	13.2307	13.7600	0.2665	-0.4754	13.0371	14.2052	0.0058	13.2160	-3.8597	0.1792	0.0000	0.4992	0.2000	3.3477
15.8523	13.3544	13.2846	14.1983	14.2000	15.6603	13.2418	13.7671	0.2748	-0.4564	13.0266	14.1854	-0.0012	13.2495	-4.1216	0.5370	0.0000	0.5049	0.2600	4.0586
15.8083	13.3436	13.2830	14.1994	14.2000	15.6753	13.2451	13.7715	0.2732	-0.4413	13.0272	14.2052	0.0040	13.3247	-4.1216	0.7573	0.0000	0.5015	0.3200	4.8281
15.8275	13.3619	13.2663	14.1938	14.2000	15.6869	13.2583	13.7688	0.2726	-0.4295	13.0194	14.1911	-0.0117	13.2550	-4.2132	0.4819	0.0000	0.5032	0.3800	5.5391
15.8138	13.3426	13.2724	14.1876	14.2000	15.6803	13.2649	13.7715	0.2704	-0.4256	13.0183	14.1967	0.0005	13.2857	-4.2656	0.3856	0.0000	0.5027	0.4400	6.3086
15.8358	13.3673	13.3225	14.1988	14.2000	15.6936	13.2748	13.7759	0.2770	-0.4183	13.0150	14.1770	-0.0082	13.1937	-4.4226	0.3581	0.0000	0.5005	0.5000	7.0273
15.8413	13.3264	13.2652	14.1927	14.2000	15.6786	13.2765	13.7732	0.2743	-0.4200	12.9886	14.2165	0.0040	13.2299	-4.4619	0.1241	0.0000	0.5066	0.5900	7.9570
15.8523	13.3237	13.2652	14.1977	14.2000	15.6919	13.2677	13.7715	0.2748	-0.4244	12.9781	14.1798	-0.0047	13.2550	-4.5928	-0.0134	0.0000	0.5077	0.6800	8.8867
15.8523	13.3307	13.2646	14.1916	14.2000	15.7118	13.2693	13.7743	0.2787	-0.4166	12.9666	14.2193	-0.0134	13.2299	-4.6713	0.2892	0.0000	0.5074	0.7700	9.7695
15.8632	13.3582	13.2885	14.1977	14.2000	15.7185	13.2710	13.7737	0.2693	-0.4160	12.9715	14.2362	0.0249	13.2578	-4.8546	-2.2250	0.0000	0.5055	0.8600	10.7070
15.8330	13.3490	13.2891	14.1949	14.2000	15.7085	13.2820	13.7798	0.2660	-0.4099	12.9770	14.1770	0.0040	13.2132	-5.0247	-0.3848	0.0000	0.5032	0.9500	11.6367
15.8303	13.3571	13.2846	14.1983	14.2000	15.6736	13.2925	13.7798	0.2715	-0.3998	12.9732	14.2165	0.0110	13.2495	-5.1163	-3.1435	0.0000	0.5027	1.1100	12.9570
15.8220	13.3544	13.3036	14.1988	14.2000	15.6653	13.3079	13.7864	0.2660	-0.3970	12.9732	14.2108	0.0040	13.2773	-5.3650	-1.7585	0.0000	0.5010	1.2700	14.3281
15.8413	13.3571	13.2963	14.1938	14.2000	15.6554	13.3157	13.7886	0.2477	-0.3892	12.9671	14.2193	-0.0099	13.2997	-5.4828	-3.0612	0.0000	0.5031	1.4300	15.6484
15.8413	13.3679	13.3114	14.1983	14.2000	15.6587	13.3250	13.7919	0.2417	-0.3886	12.9677	14.1967	-0.0012	13.2885	-5.5744	-3.4448	0.0000	0.5017	1.5900	17.0195
15.8000	13.3614	13.3147	14.2016	14.2000	15.6421	13.3283	13.7963	0.2350	-0.3808	12.9633	14.2193	-0.0187	13.2969	-5.8099	-3.1709	0.0000	0.4979	1.7500	18.3398
15.8770	13.3727	13.3075	14.1938	14.2000	15.6853	13.3267	13.7957	0.2383	-0.3892	12.9489	14.2024	-0.0012	13.2355	-6.0847	-2.3758	0.0000	0.5050	2.0000	20.2578
15.9429	13.3350	13.2802	14.1972	14.2000	15.7367	13.3195	13.7919	0.2422	-0.4043	12.8961	14.1939	0.0127	13.2327	-6.3464	-1.9506	0.0000	0.5147	2.2500	22.1289
15.9154	13.3576	13.2969	14.1960	14.2000	15.7235	13.3162	13.7913	0.2522	-0.3981	12.8867	14.2052	-0.0099	13.2522	-6.5949	-2.8420	0.0000	0.5100	2.5000	24.0000

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17.6885	12.8314	12.7162	14.2009	14.2000	15.9653	12.5936	13.4686	0.4084	-0.8438	12.1120	14.2126	0.0022	12.6657	0.3838	0.6334	0.0000	0.6981	0.0000	0.2188
17.6583	12.8341	12.7346	14.1981	14.2000	16.0898	12.5765	13.4708	0.4311	-0.8595	12.0906	14.2070	0.0056	12.6740	0.0825	0.3581	0.0000	0.6952	0.0400	0.8203
17.6089	12.8508	12.7613	14.1875	14.2000	16.3888	12.5754	13.5049	0.4693	-0.8612	12.0763	14.2296	0.0074	12.6991	-0.3368	0.1104	0.0000	0.6901	0.0800	1.4180
17.6171	12.8357	12.7206	14.1981	14.2000	16.7325	12.5903	13.5325	0.5085	-0.8556	12.0669	14.2267	-0.0101	12.7186	-0.3892	-0.2748	0.0000	0.6931	0.1200	2.0781
17.6171	12.8373	12.7518	14.1981	14.2000	17.0531	12.6146	13.5589	0.5417	-0.8326	12.0647	14.2183	-0.0101	12.7410	-0.5202	-0.0272	0.0000	0.6917	0.1600	2.6914
17.6473	12.8567	12.7457	14.1987	14.2000	17.2191	12.6339	13.5760	0.5600	-0.8029	12.0740	14.2126	-0.0083	12.6573	-0.7823	-0.6322	0.0000	0.6930	0.2000	3.2891
17.6638	12.8712	12.7485	14.1914	14.2000	17.3420	12.6620	13.5848	0.5688	-0.7788	12.0427	14.2042	0.0056	12.7410	-0.7954	0.2480	0.0000	0.6933	0.2600	4.0586
17.6473	12.8416	12.7140	14.1953	14.2000	17.4052	12.6769	13.5985	0.5804	-0.7570	12.0190	14.2070	-0.0101	12.6880	-1.0836	0.4131	0.0000	0.6951	0.3200	4.7695
17.7133	12.8648	12.7707	14.1892	14.2000	17.4550	12.6846	13.6073	0.5887	-0.7508	11.9947	14.1872	0.0039	12.6740	-1.1883	0.3718	0.0000	0.6958	0.3800	5.5391
17.7435	12.8744	12.7579	14.1942	14.2000	17.4782	12.7012	13.6172	0.5953	-0.7312	11.9843	14.2070	0.0004	12.6880	-1.2538	0.3305	0.0000	0.6978	0.4400	6.2617
17.7517	12.8158	12.7373	14.1948	14.2000	17.5098	12.7172	13.6222	0.5937	-0.7217	11.9490	14.1957	0.0004	12.7242	-1.4241	0.3718	0.0000	0.7018	0.5000	7.0313
17.7270	12.8653	12.7529	14.1981	14.2000	17.4965	12.7216	13.6189	0.5909	-0.7105	11.9242	14.1957	0.0004	12.7103	-1.6861	0.1379	0.0000	0.6974	0.5900	7.9102
17.7600	12.8728	12.7785	14.1909	14.2000	17.4998	12.7337	13.6272	0.5926	-0.6993	11.9132	14.2211	0.0109	12.7242	-1.9480	0.3581	0.0000	0.6981	0.6800	8.8398
17.7847	12.8777	12.7490	14.1881	14.2000	17.5114	12.7547	13.6426	0.5810	-0.6881	11.8807	14.2098	-0.0083	12.7159	-2.0921	0.2067	0.0000	0.7007	0.7700	9.7695
17.8287	12.8604	12.8080	14.1909	14.2000	17.5480	12.7729	13.6442	0.5677	-0.6741	11.8620	14.2211	0.0074	12.7159	-2.2754	0.6196	0.0000	0.7016	0.8600	10.6484
17.8562	12.8282	12.7084	14.1909	14.2000	17.5779	12.7889	13.6459	0.5588	-0.6718	11.7948	14.1929	0.0074	12.7270	-2.4981	0.1379	0.0000	0.7091	0.9500	11.5898
17.8864	12.8567	12.7908	14.1981	14.2000	17.5978	12.8104	13.6607	0.5550	-0.6573	11.7783	14.1901	0.0056	12.7549	-2.7992	0.3581	0.0000	0.7062	1.1100	12.8984
17.8946	12.8712	12.7702	14.1942	14.2000	17.5928	12.8242	13.6580	0.5417	-0.6433	11.7403	14.2437	-0.0031	12.7326	-3.0611	-0.0272	0.0000	0.7069	1.2700	14.2813
17.8616	12.9164	12.8247	14.1993	14.2000	17.5646	12.8374	13.6750	0.5362	-0.6377	11.7530	14.2352	0.0022	12.7911	-3.3361	-0.4810	0.0000	0.7005	1.4300	15.5898
17.8946	12.8960	12.8170	14.1959	14.2000	17.5646	12.8512	13.6739	0.5284	-0.6444	11.7007	14.2042	0.0039	12.7716	-3.7288	-0.2060	0.0000	0.7038	1.5900	16.9688
17.8946	12.8981	12.8030	14.1875	14.2000	17.5712	12.8699	13.6855	0.5273	-0.6332	11.7034	14.2154	-0.0031	12.8134	-3.9645	0.1104	0.0000	0.7043	1.7500	18.2891
17.9606	12.9299	12.8576	14.1981	14.2000	17.6410	12.8969	13.7064	0.5483	-0.6225	11.6593	14.2013	0.0161	12.8051	-4.4488	-0.1372	0.0000	0.7047	2.0000	20.1484
18.0595	12.9557	12.8587	14.1925	14.2000	17.6892	12.9168	13.7262	0.5406	-0.6102	11.6346	14.2154	0.0056	12.8385	-4.7368	0.1104	0.0000	0.7096	2.2500	22.0195
18.1446	12.9692	12.8420	14.2032	14.2000	17.7954	12.9526	13.7521	0.5306	-0.5996	11.5668	14.2183	-0.0066	12.9138	-5.2472	0.3581	0.0000	0.7150	2.5000	23.8906

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15.8134	13.3342	13.2794	14.1983	14.2000	14.1890	13.2164	13.6704	0.0936	-0.4046	13.0951	14.1874	-0.0038	13.2332	-6.9351	14.5525	0.0000	0.5027	0.0000	0.2695
15.8161	13.3358	13.2716	14.1977	14.2000	14.2455	13.1899	13.6627	0.0930	-0.4320	13.0737	14.1762	0.0154	13.2081	-6.9743	14.4962	0.0000	0.5033	0.0400	0.8789
15.8134	13.3159	13.2421	14.2000	14.2000	14.4049	13.1744	13.6726	0.1135	-0.4880	13.0627	14.2015	0.0032	13.2360	-7.0528	14.5525	0.0000	0.5058	0.0800	1.4766
15.7914	13.3293	13.2844	14.2017	14.2000	14.6291	13.1750	13.6947	0.1301	-0.5272	13.0544	14.2185	0.0049	13.1886	-7.2621	14.4541	0.0000	0.5006	0.1200	2.0898
15.8134	13.3444	13.2805	14.1972	14.2000	14.8301	13.1844	13.7128	0.1511	-0.5418	13.0494	14.2072	-0.0021	13.2695	-7.2621	14.2995	0.0000	0.5021	0.1600	2.7383
15.8271	13.3546	13.2827	14.1961	14.2000	15.0676	13.1915	13.7404	0.1660	-0.5592	13.0571	14.1903	0.0014	13.2360	-7.3406	14.0466	0.0000	0.5027	0.2000	3.3477
15.7886	13.3541	13.2977	14.1994	14.2000	15.2984	13.2097	13.7585	0.1809	-0.5491	13.0538	14.1931	0.0189	13.2165	-7.4060	14.1731	0.0000	0.4982	0.2600	4.0586
15.8161	13.3590	13.2933	14.1955	14.2000	15.5060	13.2268	13.7728	0.1876	-0.5395	13.0445	14.2015	-0.0073	13.2081	-7.5238	14.2854	0.0000	0.5008	0.3200	4.8281
15.8271	13.3245	13.2376	14.1989	14.2000	15.6240	13.2401	13.7811	0.1876	-0.5160	13.0357	14.1705	0.0032	13.2221	-7.6546	14.2995	0.0000	0.5069	0.3800	5.5469
15.8244	13.3509	13.2571	14.1989	14.2000	15.6705	13.2621	13.7871	0.1953	-0.4970	13.0285	14.1931	-0.0073	13.2332	-7.6153	14.8899	0.0000	0.5041	0.4400	6.2578
15.8354	13.3433	13.2938	14.1994	14.2000	15.6638	13.2748	13.7855	0.1970	-0.4914	13.0263	14.2044	0.0154	13.2304	-7.7330	14.4822	0.0000	0.5035	0.5000	7.0273
15.8216	13.3385	13.2827	14.1989	14.2000	15.6821	13.2765	13.7838	0.2020	-0.4824	13.0109	14.2128	0.0014	13.2109	-7.8638	14.3276	0.0000	0.5031	0.5900	7.9063
15.7969	13.3401	13.2777	14.1961	14.2000	15.6771	13.2891	13.7882	0.2036	-0.4751	13.0043	14.2100	-0.0038	13.2109	-8.0469	14.5665	0.0000	0.5009	0.6800	8.8398
15.7941	13.3164	13.2671	14.1966	14.2000	15.6572	13.2936	13.7938	0.2053	-0.4684	12.9971	14.2015	-0.0021	13.2416	-7.9685	14.0186	0.0000	0.5026	0.7700	9.7695
15.7969	13.3347	13.2660	14.1994	14.2000	15.6555	13.3046	13.7960	0.2003	-0.4662	12.9982	14.1790	0.0084	13.2221	-8.1385	14.2293	0.0000	0.5019	0.8600	10.6484
15.8024	13.3493	13.3066	14.1972	14.2000	15.6538	13.3140	13.7982	0.2047	-0.4600	13.0136	14.2128	-0.0073	13.2137	-8.2170	14.4260	0.0000	0.4993	0.9500	11.5898
15.8354	13.3261	13.2493	14.1966	14.2000	15.6472	13.3140	13.7982	0.2091	-0.4555	12.9784	14.2410	-0.0073	13.2388	-8.3477	14.0607	0.0000	0.5069	1.1100	12.9063
15.8381	13.3654	13.3061	14.1966	14.2000	15.6622	13.3173	13.7998	0.2097	-0.4505	12.9734	14.2044	-0.0090	13.2304	-8.5308	14.6790	0.0000	0.5018	1.2700	14.2773
15.8601	13.3670	13.2872	14.1966	14.2000	15.6671	13.3277	13.8026	0.1953	-0.4410	12.9575	14.2298	0.0014	13.2304	-8.6878	14.4541	0.0000	0.5048	1.4300	15.5977
15.8463	13.3611	13.2955	14.1977	14.2000	15.6671	13.3360	13.8026	0.1876	-0.4415	12.9641	14.1818	0.0014	13.2304	-8.7270	14.8196	0.0000	0.5034	1.5900	16.9180
15.8409	13.3277	13.2671	14.1966	14.2000	15.6605	13.3509	13.8086	0.1765	-0.4270	12.9553	14.2156	0.0067	13.2276	-8.8970	15.0587	0.0000	0.5063	1.7500	18.2891
15.8161	13.3476	13.3016	14.1966	14.2000	15.6538	13.3531	13.8114	0.1782	-0.4281	12.9630	14.1733	0.0049	13.2695	-9.0800	15.3120	0.0000	0.5010	2.0000	20.1563
15.8436	13.3945	13.3434	14.1949	14.2000	15.6356	13.3730	13.8152	0.1776	-0.4208	12.9597	14.2156	0.0049	13.2276	-9.2500	15.2979	0.0000	0.4986	2.2500	22.0195
15.8354	13.3778	13.3295	14.1989	14.2000	15.6389	13.3763	13.8224	0.1704	-0.4214	12.9646	14.2156	0.0154	13.2639	-9.4200	15.5935	0.0000	0.4995	2.5000	23.8867

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17.6571	12.7659	12.6280	14.1886	14.2000	14.7827	12.4745	13.3550	0.2387	-0.8056	12.1462	14.2273	-0.0022	12.6838	-10.0476	13.8641	0.0000	0.7028	0.0000	0.2188
17.6324	12.8127	12.7037	14.1942	14.2000	14.8142	12.4674	13.3534	0.2503	-0.8257	12.1236	14.2160	0.0013	12.6085	-10.1914	13.8079	0.0000	0.6959	0.0400	0.8203
17.6791	12.8246	12.7188	14.1853	14.2000	15.1082	12.4585	13.3848	0.2741	-0.8924	12.1176	14.2216	-0.0040	12.6419	-10.2044	13.8360	0.0000	0.6977	0.0800	1.4766
17.6543	12.8068	12.6882	14.1897	14.2000	15.5699	12.4773	13.4326	0.3084	-0.9585	12.1038	14.2301	0.0065	12.6419	-10.2959	13.8079	0.0000	0.6982	0.1200	2.0898
17.6818	12.7831	12.6793	14.1920	14.2000	16.0582	12.4778	13.4728	0.3482	-0.9966	12.0603	14.2160	0.0082	12.5973	-10.3352	13.7799	0.0000	0.7014	0.1600	2.6875
17.7258	12.7595	12.6887	14.1942	14.2000	16.5414	12.4960	13.5202	0.3936	-1.0095	12.0570	14.2188	0.0047	12.6503	-10.4397	14.4119	0.0000	0.7048	0.2000	3.2891
17.7587	12.8009	12.6937	14.1802	14.2000	17.0696	12.5418	13.5681	0.4234	-0.9915	12.0146	14.2019	0.0013	12.5750	-10.7142	14.3698	0.0000	0.7048	0.2600	4.0078
17.8164	12.7977	12.7121	14.1802	14.2000	17.3901	12.5837	13.5824	0.4445	-0.9428	11.9689	14.3035	0.0100	12.6921	-10.7535	13.7658	0.0000	0.7078	0.3200	4.7773
17.7835	12.8434	12.7650	14.1931	14.2000	17.5130	12.6278	13.6105	0.4561	-0.9036	11.9837	14.2470	-0.0022	12.6559	-10.8972	13.7237	0.0000	0.7014	0.3800	5.4883
17.7642	12.8397	12.7216	14.2099	14.2000	17.5562	12.6598	13.6127	0.4472	-0.8784	11.9463	14.2386	-0.0005	12.6531	-11.0149	14.1309	0.0000	0.7023	0.4400	6.2578
17.7945	12.8084	12.7060	14.2026	14.2000	17.5595	12.6896	13.6182	0.4528	-0.8594	11.9022	14.2837	0.0152	12.6252	-11.1717	13.9203	0.0000	0.7062	0.5000	6.9688
17.8522	12.8214	12.7199	14.1780	14.2000	17.5628	12.7078	13.6281	0.4539	-0.8302	11.8962	14.2752	0.0082	12.6698	-11.3024	13.9624	0.0000	0.7086	0.5900	7.9102
17.8164	12.8257	12.7238	14.1892	14.2000	17.5529	12.7409	13.6319	0.4334	-0.8179	11.8730	14.2470	0.0065	12.6587	-11.4854	13.8641	0.0000	0.7061	0.6800	8.7891
17.7780	12.7901	12.6960	14.1897	14.2000	17.5462	12.7668	13.6440	0.4301	-0.8000	11.8549	14.2273	-0.0022	12.6503	-11.6553	13.9203	0.0000	0.7064	0.7700	9.7188
17.7725	12.8472	12.7366	14.1931	14.2000	17.5230	12.7894	13.6550	0.4218	-0.7832	11.8659	14.2019	0.0030	12.7256	-11.8905	14.2714	0.0000	0.7018	0.8600	10.5977
17.7670	12.8520	12.7438	14.1925	14.2000	17.5064	12.8093	13.6589	0.4091	-0.7675	11.8631	14.2301	0.0100	12.7395	-11.9950	13.8922	0.0000	0.7009	0.9500	11.5273
17.7423	12.8057	12.7026	14.1937	14.2000	17.5080	12.8346	13.6655	0.4008	-0.7574	11.8180	14.2216	0.0065	12.7089	-12.1910	13.6535	0.0000	0.7032	1.1100	12.8477
17.7972	12.8515	12.7861	14.2015	14.2000	17.5097	12.8528	13.6732	0.3925	-0.7473	11.7866	14.1991	0.0152	12.7368	-12.4654	14.0326	0.0000	0.7010	1.2700	14.2188
17.7862	12.8633	12.7633	14.1959	14.2000	17.5213	12.8749	13.6848	0.3925	-0.7305	11.7767	14.2104	0.0065	12.6866	-12.6484	13.6255	0.0000	0.7008	1.4300	15.5391
17.8000	12.9118	12.8284	14.2004	14.2000	17.5396	12.9002	13.6941	0.3903	-0.7221	11.7337	14.1850	0.0065	12.6921	-12.9227	14.0888	0.0000	0.6967	1.5900	16.8594
17.8274	12.8951	12.8162	14.1959	14.2000	17.5213	12.9151	13.7024	0.3831	-0.7031	11.7398	14.2104	0.0013	12.7814	-13.2363	13.6676	0.0000	0.6997	1.7500	18.2266
17.8467	12.9010	12.8502	14.1763	14.2000	17.4914	12.9471	13.7118	0.3781	-0.6969	11.7574	14.2470	0.0100	12.7172	-13.6282	14.2573	0.0000	0.6992	2.0000	20.0977
17.8054	12.9371	12.8401	14.1668	14.2000	17.4449	12.9659	13.7184	0.3692	-0.6784	11.7684	14.1765	0.0100	12.7897	-13.8895	13.8641	0.0000	0.6954	2.2500	21.9688
17.7587	12.9419	12.8474	14.1982	14.2000	17.4466	12.9808	13.7244	0.3764	-0.6633	11.7679	14.1878	0.0117	12.8092	-14.2160	13.8220	0.0000	0.6919	2.5000	23.8398

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15.7903	13.3417	13.2830	14.1950	14.2000	14.6380	13.3238	13.6862	-0.2099	-0.4974	13.1145	14.1948	0.0256	13.2084	10.7746	-0.5910	0.0000	0.4999	0.0000	0.2227
15.8013	13.3487	13.2914	14.1995	14.2000	14.6745	13.3128	13.6818	-0.2028	-0.5069	13.0880	14.2060	0.0081	13.2725	10.4725	-0.5772	0.0000	0.5001	0.0400	0.8828
15.8178	13.3352	13.2507	14.1944	14.2000	14.7725	13.3128	13.6928	-0.1828	-0.4957	13.0743	14.1807	0.0064	13.2642	10.0128	-0.5360	0.0000	0.5047	0.0800	1.4922
15.7601	13.3508	13.2914	14.1995	14.2000	14.8655	13.3029	13.6928	-0.1906	-0.4923	13.0638	14.2004	-0.0006	13.2586	9.6845	-0.5910	0.0000	0.4960	0.1200	2.1406
15.7738	13.3616	13.2797	14.1989	14.2000	14.9668	13.3057	13.7148	-0.1674	-0.4828	13.0726	14.1807	0.0378	13.2363	9.1592	-0.5910	0.0000	0.4974	0.1600	2.7500
15.8013	13.3621	13.2702	14.1967	14.2000	15.1263	13.3222	13.7214	-0.1430	-0.4565	13.0836	14.1976	-0.0058	13.3227	8.9360	-0.6185	0.0000	0.5005	0.2000	3.3516
15.7573	13.3331	13.2724	14.1967	14.2000	15.2674	13.3272	13.7313	-0.1154	-0.4290	13.0616	14.1976	-0.0128	13.2753	8.6209	-0.5772	0.0000	0.4978	0.2600	4.1211
15.7876	13.3503	13.2775	14.1933	14.2000	15.3289	13.3266	13.7357	-0.1010	-0.4318	13.0506	14.1976	-0.0023	13.2502	8.1877	-0.6047	0.0000	0.4995	0.3200	4.8906
15.7876	13.3481	13.2624	14.2000	14.2000	15.4202	13.3332	13.7346	-0.0921	-0.4324	13.0473	14.1835	0.0186	13.2363	7.8201	-0.5910	0.0000	0.5004	0.3800	5.6016
15.7958	13.3605	13.3097	14.1911	14.2000	15.4950	13.3349	13.7429	-0.0579	-0.4184	13.0423	14.1919	0.0151	13.2753	7.4788	-0.6047	0.0000	0.4978	0.4400	6.3711
15.8123	13.3503	13.2552	14.1995	14.2000	15.5315	13.3332	13.7435	-0.0446	-0.4100	13.0280	14.1863	-0.0180	13.2614	7.1245	-0.6185	0.0000	0.5031	0.5000	7.1406
15.8343	13.3481	13.2541	14.2045	14.2000	15.6062	13.3542	13.7501	-0.0324	-0.3814	13.0313	14.1976	-0.0076	13.2642	6.6520	-0.6185	0.0000	0.5053	0.5900	8.0820
15.8095	13.3374	13.2402	14.1933	14.2000	15.6295	13.3619	13.7490	-0.0230	-0.3652	13.0214	14.1666	0.0047	13.2502	6.0484	-0.6185	0.0000	0.5044	0.6800	9.0117
15.8205	13.3767	13.3019	14.2051	14.2000	15.6561	13.3691	13.7528	-0.0219	-0.3540	13.0038	14.1976	0.0169	13.3032	5.7204	-0.5772	0.0000	0.4997	0.7700	9.8906
15.7903	13.3546	13.2969	14.2006	14.2000	15.6610	13.3862	13.7578	-0.0086	-0.3568	13.0153	14.1807	-0.0006	13.3088	5.3924	-0.6047	0.0000	0.4984	0.8600	10.8203
15.7793	13.3648	13.3058	14.2023	14.2000	15.6627	13.3972	13.7468	-0.0269	-0.3366	13.0126	14.2004	0.0134	13.3255	4.9988	-0.5772	0.0000	0.4962	0.9500	11.7617
15.7985	13.3810	13.3131	14.1961	14.2000	15.6610	13.4027	13.7490	-0.0341	-0.3304	13.0054	14.1948	0.0029	13.2865	4.3561	-0.6047	0.0000	0.4968	1.1100	13.1328
15.8233	13.3842	13.3142	14.1967	14.2000	15.6544	13.4115	13.7495	-0.0413	-0.3220	13.0005	14.1948	0.0203	13.2781	3.8577	-0.5635	0.0000	0.4989	1.2700	14.4531
15.7848	13.3788	13.3058	14.2000	14.2000	15.6511	13.4137	13.7418	-0.0446	-0.3192	12.9884	14.2089	-0.0076	13.2642	3.3725	-0.5910	0.0000	0.4960	1.4300	15.8203
15.8700	13.3960	13.3142	14.2039	14.2000	15.6511	13.4242	13.7462	-0.0523	-0.3136	12.9685	14.1863	-0.0041	13.3255	2.8874	-0.5772	0.0000	0.5026	1.5900	17.1406
15.8343	13.3654	13.3092	14.2017	14.2000	15.6577	13.4286	13.7506	-0.0645	-0.3114	12.9762	14.2117	0.0256	13.3172	2.3630	-0.5910	0.0000	0.5013	1.7500	18.5117
15.8562	13.3772	13.2958	14.2000	14.2000	15.6610	13.4319	13.7374	-0.0783	-0.3047	12.9470	14.2286	-0.0006	13.2781	1.7731	-0.6047	0.0000	0.5034	2.0000	20.3828
15.8233	13.3777	13.3309	14.1939	14.2000	15.6594	13.4430	13.7363	-0.0910	-0.3047	12.9454	14.1891	0.0151	13.3144	1.1177	-0.6185	0.0000	0.4983	2.2500	22.3008
15.8480	13.3912	13.3086	14.1995	14.2000	15.6793	13.4452	13.7446	-0.0866	-0.3024	12.9498	14.1948	0.0064	13.3172	0.5673	-0.5910	0.0000	0.5011	2.5000	24.1719

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17.8342	12.8377	12.6912	14.2308	14.2400	15.4756	12.7025	13.3370	-0.4243	-0.9074	12.2283	14.2563	0.0157	12.7127	-17.8587	-1.2093	0.0000	0.7081	0.0000	0.2695
17.8562	12.8232	12.7028	14.2408	14.2400	15.4955	12.6606	13.3441	-0.4027	-0.9276	12.1474	14.2648	0.0105	12.7796	-18.2372	-1.1406	0.0000	0.7095	0.0400	0.8789
17.8397	12.8017	12.6928	14.2375	14.2400	15.5719	12.6391	13.3304	-0.4083	-0.9388	12.1022	14.2422	0.0157	12.7211	-18.4721	-1.1131	0.0000	0.7099	0.0800	1.5391
17.8287	12.8533	12.7875	14.2403	14.2400	15.9871	12.6761	13.4218	-0.3375	-0.9264	12.0708	14.2338	0.0052	12.6486	-18.7853	-1.1406	0.0000	0.7028	0.1200	2.1406
17.7930	12.8646	12.7696	14.2448	14.2400	16.0236	12.6485	13.3783	-0.3873	-0.9410	12.0532	14.2733	0.0192	12.6792	-19.0854	-1.1681	0.0000	0.7009	0.1600	2.8008
17.7930	12.8307	12.7351	14.2408	14.2400	16.3874	12.6794	13.4509	-0.3121	-0.9068	12.0714	14.2422	0.0017	12.6988	-19.1115	-1.1406	0.0000	0.7039	0.2000	3.4023
17.7710	12.8706	12.7435	14.2392	14.2400	16.7644	12.7312	13.5060	-0.2274	-0.8469	12.0460	14.2676	0.0052	12.7378	-19.4508	-1.1543	0.0000	0.7004	0.2600	4.1719
17.7161	12.8356	12.7207	14.2386	14.2400	16.6880	12.7009	13.4867	-0.2545	-0.8771	12.0471	14.2507	0.0087	12.7852	-19.5943	-1.1131	0.0000	0.6994	0.3200	4.8906
17.7271	12.8657	12.7897	14.2341	14.2400	17.0932	12.7703	13.5489	-0.1284	-0.7864	12.0554	14.2309	0.0262	12.7908	-19.8552	-1.1131	0.0000	0.6958	0.3800	5.6602
17.7023	12.8959	12.7524	14.2364	14.2400	17.2161	12.8128	13.5638	-0.0825	-0.7539	12.0328	14.2507	0.0105	12.7545	-20.0900	-1.1406	0.0000	0.6945	0.4400	6.4219
17.7380	12.8587	12.7457	14.2420	14.2400	17.2941	12.8260	13.5638	-0.0654	-0.7365	12.0273	14.2309	0.0139	12.7740	-20.2727	-1.1131	0.0000	0.6987	0.5000	7.1406
17.8479	12.8749	12.7630	14.2380	14.2400	17.4303	12.8376	13.5671	-0.0438	-0.7337	11.9386	14.2422	0.0139	12.7462	-20.4553	-1.1131	0.0000	0.7042	0.5900	8.0703
17.8809	12.8846	12.7674	14.2386	14.2400	17.5316	12.8459	13.5682	-0.0278	-0.7080	11.9150	14.2563	0.0262	12.7489	-20.7031	-1.1269	0.0000	0.7056	0.6800	9.0117
17.8727	12.8722	12.7613	14.2397	14.2400	17.5748	12.8630	13.5649	-0.0123	-0.6845	11.8549	14.2394	0.0157	12.7796	-21.0031	-1.1269	0.0000	0.7059	0.7700	9.9414
17.8864	12.9185	12.7936	14.2408	14.2400	17.6064	12.8862	13.5753	-0.0217	-0.6716	11.8770	14.2366	0.0122	12.8187	-21.1075	-1.2230	0.0000	0.7033	0.8600	10.8711
17.8699	12.8743	12.7591	14.2375	14.2400	17.5964	12.9071	13.5753	-0.0300	-0.6542	11.8489	14.2507	0.0227	12.7517	-21.4466	-1.1269	0.0000	0.7057	0.9500	11.8125
17.9963	12.9648	12.8904	14.2414	14.2400	17.6662	12.9303	13.5803	-0.0538	-0.6436	11.7971	14.2535	0.0209	12.8159	-21.6683	-1.1406	0.0000	0.7040	1.1100	13.1289
17.9743	12.9314	12.8292	14.2414	14.2400	17.7010	12.9468	13.5897	-0.0328	-0.6184	11.7514	14.2422	0.0087	12.8159	-22.0595	-1.1131	0.0000	0.7067	1.2700	14.5000
17.9743	12.9271	12.8498	14.2358	14.2400	17.6828	12.9689	13.5908	-0.0798	-0.6038	11.7343	14.2479	0.0139	12.7991	-22.3203	-1.1406	0.0000	0.7060	1.4300	15.8203
17.9441	12.9368	12.8159	14.2386	14.2400	17.6562	12.9931	13.5809	-0.0820	-0.5707	11.7288	14.2507	0.0035	12.8298	-22.5681	-1.1406	0.0000	0.7052	1.5900	17.1914
17.9304	12.9632	12.8687	14.2397	14.2400	17.6064	13.0268	13.5869	-0.1085	-0.5467	11.7756	14.2704	0.0139	12.8744	-22.7767	-1.2093	0.0000	0.7009	1.7500	18.5117
17.8617	12.9691	12.8476	14.2375	14.2400	17.5499	13.0764	13.5886	-0.1467	-0.5198	11.7723	14.2394	0.0192	12.8214	-23.2330	-1.1131	0.0000	0.6973	2.0000	20.4297
17.8122	13.0455	12.9444	14.2397	14.2400	17.4885	13.1156	13.6045	-0.1472	-0.4940	11.8318	14.2676	0.0244	12.9051	-23.4808	-1.1543	0.0000	0.6865	2.2500	22.3008
17.8617	13.0331	12.9461	14.2403	14.2400	17.5067	13.1277	13.6001	-0.1644	-0.4794	11.7916	14.2620	0.0227	12.9386	-23.8588	-1.1131	0.0000	0.6902	2.5000	24.1719

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15.7965	13.3104	13.2376	14.1981	14.2000	13.8033	13.0365	13.4819	-0.0543	-0.3553	13.1222	14.2014	0.0076	13.2325	7.7939	0.0141	0.0000	0.5048	0.0000	0.2734
15.8020	13.3293	13.2465	14.1998	14.2000	13.7319	12.9974	13.4577	-0.0471	-0.3587	13.0952	14.1872	0.0076	13.2604	7.5051	0.0416	0.0000	0.5037	0.0400	0.8828
15.7910	13.3250	13.2476	14.1953	14.2000	13.7983	12.9880	13.4671	-0.0101	-0.3659	13.0781	14.1731	0.0058	13.2492	7.1507	0.0003	0.0000	0.5029	0.0800	1.4805
15.7855	13.3325	13.2409	14.2004	14.2000	13.9927	12.9985	13.5150	0.0579	-0.3805	13.0748	14.1957	-0.0046	13.2297	7.0064	0.0141	0.0000	0.5023	0.1200	2.1406
15.7745	13.3314	13.2387	14.1964	14.2000	14.0342	12.9775	13.4985	0.0723	-0.3917	13.0699	14.1788	0.0093	13.2436	6.7045	-0.0272	0.0000	0.5015	0.1600	2.7500
15.7965	13.3481	13.2654	14.1987	14.2000	14.1006	12.9676	13.5122	0.1138	-0.3951	13.0715	14.1929	0.0110	13.2576	6.4945	-0.0410	0.0000	0.5011	0.2000	3.3516
15.7855	13.3379	13.2521	14.1998	14.2000	14.2982	12.9786	13.5359	0.1508	-0.4057	13.0589	14.1731	0.0058	13.2799	6.0090	-0.0685	0.0000	0.5014	0.2600	4.0625
15.8102	13.3508	13.2983	14.1964	14.2000	14.5689	12.9985	13.5579	0.1713	-0.4163	13.0445	14.1844	0.0006	13.2520	5.7466	0.0003	0.0000	0.5004	0.3200	4.8320
15.8157	13.3454	13.2810	14.1981	14.2000	14.7300	12.9946	13.5678	0.2006	-0.4135	13.0363	14.1872	0.0058	13.2994	5.5105	-0.0272	0.0000	0.5022	0.3800	5.5508
15.8185	13.3551	13.2660	14.1970	14.2000	14.9742	13.0277	13.6152	0.2255	-0.4186	13.0176	14.2042	-0.0012	13.2827	5.1038	-0.0410	0.0000	0.5028	0.4400	6.2617
15.8404	13.2938	13.2315	14.1992	14.2000	15.1818	13.0580	13.6388	0.2332	-0.4040	13.0104	14.1901	0.0041	13.2632	4.8414	0.0003	0.0000	0.5102	0.5000	7.0313
15.8459	13.3347	13.2537	14.1987	14.2000	15.3362	13.0779	13.6548	0.2460	-0.3984	13.0043	14.1901	-0.0081	13.2576	4.4086	0.0416	0.0000	0.5072	0.5900	7.9102
15.8322	13.3551	13.2660	14.1959	14.2000	15.4791	13.1060	13.6867	0.2648	-0.4023	13.0016	14.1731	0.0093	13.2604	4.1200	0.0003	0.0000	0.5041	0.6800	8.8398
15.8212	13.3417	13.2810	14.2026	14.2000	15.5638	13.1408	13.7060	0.2581	-0.3917	12.9950	14.1816	0.0180	13.2604	3.6873	0.0003	0.0000	0.5029	0.7700	9.7813
15.8157	13.3465	13.2376	14.1970	14.2000	15.6103	13.1749	13.7258	0.2449	-0.3934	13.0005	14.1901	-0.0046	13.2938	3.3463	-0.0272	0.0000	0.5046	0.8600	10.6523
15.8624	13.3481	13.2693	14.1987	14.2000	15.6252	13.1893	13.7236	0.2609	-0.3850	13.0016	14.1872	0.0163	13.3106	3.0054	-0.0547	0.0000	0.5071	0.9500	11.5898
15.8349	13.3492	13.2877	14.1959	14.2000	15.6667	13.2097	13.7368	0.2515	-0.3872	12.9729	14.1816	0.0041	13.2994	2.6645	0.0003	0.0000	0.5034	1.1100	12.9102
15.8404	13.3557	13.2671	14.1981	14.2000	15.6601	13.2169	13.7495	0.2404	-0.4001	12.9625	14.1872	0.0023	13.3273	2.2319	0.0003	0.0000	0.5047	1.2700	14.2227
15.8377	13.3648	13.2715	14.1981	14.2000	15.6485	13.2417	13.7572	0.2172	-0.4107	12.9735	14.1872	0.0076	13.2855	1.7599	0.0003	0.0000	0.5037	1.4300	15.5430
15.8185	13.3578	13.2710	14.1959	14.2000	15.6518	13.2538	13.7682	0.2128	-0.4152	12.9614	14.1985	0.0006	13.2771	1.2488	-0.0134	0.0000	0.5023	1.5900	16.9219
15.8542	13.3777	13.3027	14.1976	14.2000	15.6568	13.2615	13.7721	0.2117	-0.4169	12.9636	14.2126	0.0093	13.2883	0.8556	-0.0134	0.0000	0.5028	1.7500	18.2305
15.8212	13.3627	13.2994	14.2026	14.2000	15.6368	13.2775	13.7880	0.2061	-0.4247	12.9647	14.1985	0.0058	13.2994	0.4100	0.0003	0.0000	0.5007	2.0000	20.1016
15.8679	13.3928	13.3222	14.1948	14.2000	15.6584	13.2797	13.7924	0.2089	-0.4404	12.9515	14.1872	0.0110	13.3050	-0.3761	0.0003	0.0000	0.5022	2.2500	21.9727
15.8349	13.3605	13.2843	14.1959	14.2000	15.6468	13.2880	13.7990	0.2012	-0.4388	12.9581	14.1816	0.0076	13.3161	-0.9264	0.0003	0.0000	0.5030	2.5000	23.8398

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17.8804	12.8073	12.6819	14.2391	14.2400	13.9474	12.2480	12.8953	-0.1118	-0.4326	12.1973	14.2618	-0.0047	12.7136	-20.9510	-1.8682	0.0000	0.7126	0.0000	0.2773
17.9078	12.8282	12.6858	14.2358	14.2400	14.0222	12.1895	12.8667	-0.0891	-0.4130	12.1412	14.2336	-0.0221	12.7694	-21.3162	-1.8820	0.0000	0.7133	0.0400	0.8789
17.8584	12.8444	12.6891	14.2352	14.2400	13.7614	12.0627	12.7874	-0.0979	-0.3974	12.1065	14.2618	-0.0012	12.6830	-21.4988	-1.8957	0.0000	0.7094	0.0800	1.5391
17.8392	12.8697	12.7971	14.2346	14.2400	13.9076	12.0307	12.8215	0.0176	-0.4388	12.0866	14.2505	-0.0047	12.7332	-21.7074	-1.8545	0.0000	0.7024	0.1200	2.1484
17.7760	12.8293	12.7142	14.2380	14.2400	14.4390	12.0710	12.9024	0.1310	-0.4814	12.0696	14.2364	0.0127	12.7694	-21.9552	-1.8682	0.0000	0.7038	0.1600	2.8008
17.8007	12.8670	12.7181	14.2335	14.2400	15.0602	12.1509	13.0307	0.2588	-0.5127	12.0784	14.2646	-0.0047	12.7834	-22.2030	-1.8957	0.0000	0.7035	0.2000	3.4102
17.8309	12.8702	12.7743	14.2397	14.2400	15.3740	12.2011	13.0533	0.2759	-0.5323	12.0431	14.2280	-0.0064	12.7638	-22.4116	-1.8682	0.0000	0.7028	0.2600	4.1797
17.8611	12.8740	12.7960	14.2380	14.2400	15.6331	12.1862	13.0703	0.3235	-0.5424	12.0139	14.2900	0.0092	12.7192	-22.6072	-1.8682	0.0000	0.7036	0.3200	4.8906
17.8996	12.8869	12.7593	14.2380	14.2400	15.9503	12.2160	13.1078	0.3644	-0.5419	11.9897	14.2195	0.0040	12.7861	-22.8028	-1.8682	0.0000	0.7070	0.3800	5.6602
17.9106	12.8584	12.7498	14.2358	14.2400	16.4203	12.2745	13.1738	0.4064	-0.5458	11.9484	14.2308	-0.0012	12.8196	-23.1027	-1.8545	0.0000	0.7094	0.4400	6.3789
17.8859	12.8740	12.7615	14.2358	14.2400	16.7143	12.3274	13.2234	0.4346	-0.5469	11.9335	14.2393	0.0058	12.7276	-23.1939	-1.8682	0.0000	0.7066	0.5000	7.1406
17.8694	12.9117	12.8166	14.2369	14.2400	16.9867	12.3660	13.2702	0.4811	-0.5307	11.9308	14.2421	0.0092	12.7861	-23.4156	-1.8820	0.0000	0.7016	0.5900	8.0781
17.8529	12.8971	12.8010	14.2391	14.2400	17.1694	12.4162	13.3060	0.5187	-0.4987	11.9489	14.2336	-0.0030	12.8001	-23.6763	-1.8545	0.0000	0.7019	0.6800	8.9609
17.8007	12.8740	12.7693	14.2313	14.2400	17.3338	12.4691	13.3384	0.5331	-0.4903	11.9087	14.2421	0.0127	12.8419	-23.8849	-1.8820	0.0000	0.7010	0.7700	9.8906
17.7815	12.9305	12.8205	14.2408	14.2400	17.4318	12.5336	13.4023	0.5154	-0.4943	11.9253	14.2336	0.0023	12.8419	-24.0935	-1.8545	0.0000	0.6951	0.8600	10.8203
17.7677	12.9278	12.8322	14.2374	14.2400	17.4666	12.6114	13.4568	0.4767	-0.5357	11.9076	14.2477	-0.0186	12.8308	-24.2629	-1.8820	0.0000	0.6938	0.9500	11.7578
17.9765	12.9461	12.8344	14.2374	14.2400	17.6294	12.6412	13.4689	0.4888	-0.5262	11.8388	14.2590	0.0023	12.8335	-24.5366	-1.8682	0.0000	0.7060	1.1100	13.0781
17.9875	12.9547	12.8845	14.2374	14.2400	17.7075	12.6869	13.4986	0.4700	-0.5581	11.7534	14.2731	0.0040	12.8308	-24.8625	-1.8820	0.0000	0.7041	1.2700	14.4492
17.9765	12.9451	12.8344	14.2391	14.2400	17.6875	12.7167	13.5201	0.4711	-0.5671	11.7645	14.2308	0.0127	12.8531	-25.0450	-1.8545	0.0000	0.7060	1.4300	15.7695
17.9738	12.9768	12.8823	14.2369	14.2400	17.6659	12.7537	13.5526	0.4280	-0.6018	11.7386	14.2223	0.0023	12.8642	-25.2404	-1.8408	0.0000	0.7024	1.5900	17.1406
17.9628	12.9757	12.9263	14.2403	14.2400	17.6610	12.7680	13.5603	0.4379	-0.5984	11.7424	14.2477	0.0127	12.8949	-25.5923	-1.8682	0.0000	0.6999	1.7500	18.4609
17.9271	13.0059	12.9307	14.2352	14.2400	17.6443	12.7890	13.5961	0.4418	-0.6281	11.7457	14.2336	0.0145	12.9339	-25.8529	-1.8545	0.0000	0.6962	2.0000	20.3281
17.9078	13.0290	12.9302	14.2374	14.2400	17.5929	12.8171	13.6258	0.4429	-0.6567	11.7903	14.2449	-0.0012	13.0148	-26.2439	-1.8545	0.0000	0.6940	2.2500	22.2500
17.8584	13.0075	12.9068	14.2408	14.2400	17.5596	12.8397	13.6456	0.4269	-0.6662	11.7881	14.2505	-0.0274	12.9702	-26.6738	-1.8408	0.0000	0.6928	2.5000	24.1172

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15.8046	13.3655	13.2966	14.2328	14.2400	14.3910	13.3422	13.9532	0.0266	-0.3410	13.1662	14.2529	-0.0103	13.3002	-11.8513	-0.3848	0.0000	0.4991	0.0000	0.2695
15.8183	13.3768	13.3055	14.2339	14.2400	14.4558	13.3284	13.9526	-0.0105	-0.3651	13.1282	14.2473	-0.0034	13.2974	-12.1126	-0.4535	0.0000	0.4993	0.0400	0.8789
15.8321	13.3590	13.2810	14.2350	14.2400	14.5554	13.3030	13.9416	-0.0171	-0.3835	13.0902	14.2303	0.0071	13.2417	-12.4393	-0.3710	0.0000	0.5030	0.0800	1.5391
15.8211	13.3326	13.2665	14.2300	14.2400	14.6268	13.2711	13.9356	0.0011	-0.4076	13.0753	14.2416	0.0071	13.2472	-12.5830	-0.3573	0.0000	0.5042	0.1200	2.1406
15.8650	13.3574	13.2799	14.2311	14.2400	14.7348	13.2358	13.9207	0.0028	-0.4317	13.0582	14.2303	-0.0069	13.2695	-12.7790	-0.4123	0.0000	0.5062	0.1600	2.8008
15.8623	13.3601	13.2821	14.2361	14.2400	14.8012	13.2076	13.9235	0.0288	-0.4547	13.0604	14.2331	-0.0069	13.2444	-13.1056	-0.3985	0.0000	0.5057	0.2000	3.3984
15.8980	13.3461	13.2582	14.2333	14.2400	14.8992	13.1872	13.9339	0.0581	-0.4631	13.0334	14.2190	-0.0086	13.2779	-13.3016	-0.3985	0.0000	0.5111	0.2600	4.1680
15.8760	13.3596	13.2782	14.2356	14.2400	15.0354	13.1701	13.9394	0.0907	-0.4821	13.0334	14.2614	-0.0034	13.2556	-13.4453	-0.3710	0.0000	0.5072	0.3200	4.8906
15.8843	13.3703	13.3061	14.2283	14.2400	15.1765	13.1707	13.9598	0.1073	-0.4872	13.0257	14.2247	-0.0016	13.2751	-13.6674	-0.4123	0.0000	0.5059	0.3800	5.6484
15.8321	13.3375	13.2699	14.2339	14.2400	15.2945	13.1646	13.9642	0.1278	-0.4917	13.0202	14.2614	0.0053	13.2946	-13.8764	-0.3160	0.0000	0.5048	0.4400	6.3711
15.8650	13.3396	13.2587	14.2333	14.2400	15.3642	13.1707	13.9763	0.1305	-0.4861	13.0268	14.2444	0.0036	13.2612	-14.1899	-0.3710	0.0000	0.5084	0.5000	7.1406
15.8596	13.3687	13.2977	14.2356	14.2400	15.4821	13.1812	13.9967	0.1654	-0.4905	13.0241	14.2473	0.0053	13.2668	-14.2682	-0.3710	0.0000	0.5041	0.5900	8.0703
15.8870	13.3795	13.2827	14.2350	14.2400	15.5718	13.2032	14.0088	0.1565	-0.4777	13.0020	14.2219	0.0036	13.2500	-14.4250	-0.3848	0.0000	0.5069	0.6800	9.0078
15.8678	13.3773	13.3011	14.2344	14.2400	15.6349	13.2021	14.0193	0.1947	-0.4827	13.0070	14.2303	0.0071	13.2779	-14.6339	-0.3848	0.0000	0.5042	0.7700	9.8789
15.8760	13.3649	13.2899	14.2333	14.2400	15.6781	13.2176	14.0297	0.1858	-0.4765	12.9949	14.2247	0.0053	13.2835	-14.9735	-0.3573	0.0000	0.5063	0.8600	10.8203
15.8815	13.3520	13.2587	14.2372	14.2400	15.7163	13.2258	14.0325	0.1985	-0.4838	12.9778	14.2557	-0.0051	13.3002	-15.0910	-0.3985	0.0000	0.5092	0.9500	11.7500
15.8870	13.3396	13.2493	14.2378	14.2400	15.7462	13.2347	14.0457	0.2013	-0.4788	12.9651	14.2501	-0.0016	13.3058	-15.3653	-0.3710	0.0000	0.5110	1.1100	13.1211
15.8760	13.3746	13.3228	14.2367	14.2400	15.7329	13.2606	14.0616	0.1814	-0.4765	12.9745	14.2247	-0.0034	13.2695	-15.5220	-0.3573	0.0000	0.5039	1.2700	14.4414
15.8568	13.3660	13.2844	14.2328	14.2400	15.7412	13.2595	14.0688	0.1726	-0.4816	12.9679	14.2219	-0.0016	13.3225	-15.8353	-0.3710	0.0000	0.5047	1.4300	15.8203
15.8953	13.3687	13.3139	14.2350	14.2400	15.7445	13.2865	14.0776	0.1681	-0.4827	12.9728	14.2360	0.0036	13.3058	-16.0834	-0.3710	0.0000	0.5065	1.5900	17.1289
15.8870	13.3935	13.3033	14.2300	14.2400	15.7263	13.2986	14.0870	0.1615	-0.4821	12.9624	14.2303	-0.0069	13.3114	-16.3054	-0.3848	0.0000	0.5050	1.7500	18.4492
15.8513	13.3940	13.3189	14.2384	14.2400	15.7180	13.3102	14.0952	0.1643	-0.4810	12.9739	14.2473	-0.0173	13.2974	-16.6448	-0.4123	0.0000	0.5007	2.0000	20.3711
15.8678	13.4172	13.3512	14.2389	14.2400	15.7047	13.3212	14.1068	0.1587	-0.4799	12.9811	14.2219	-0.0051	13.3337	-16.9320	-0.3710	0.0000	0.4992	2.2500	22.2383
15.8870	13.4048	13.3306	14.2372	14.2400	15.7180	13.3323	14.1150	0.1532	-0.4816	12.9657	14.2219	0.0071	13.3448	-17.2192	-0.3710	0.0000	0.5028	2.5000	24.1094

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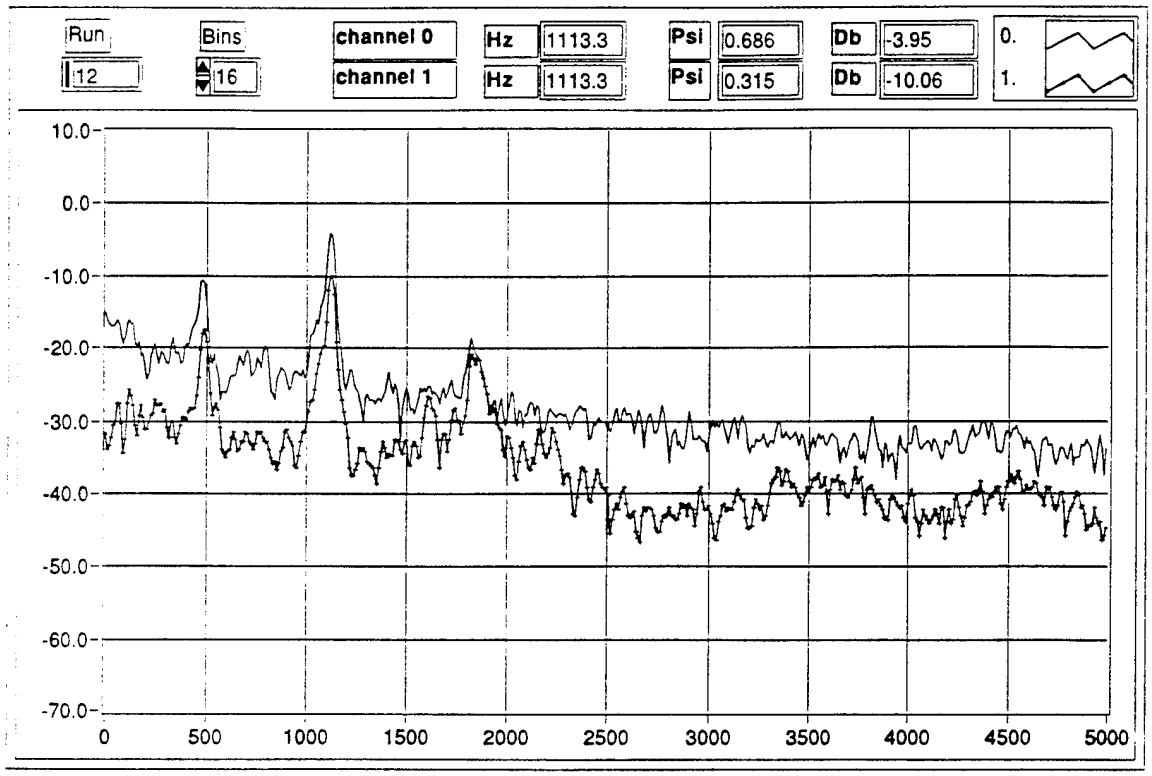
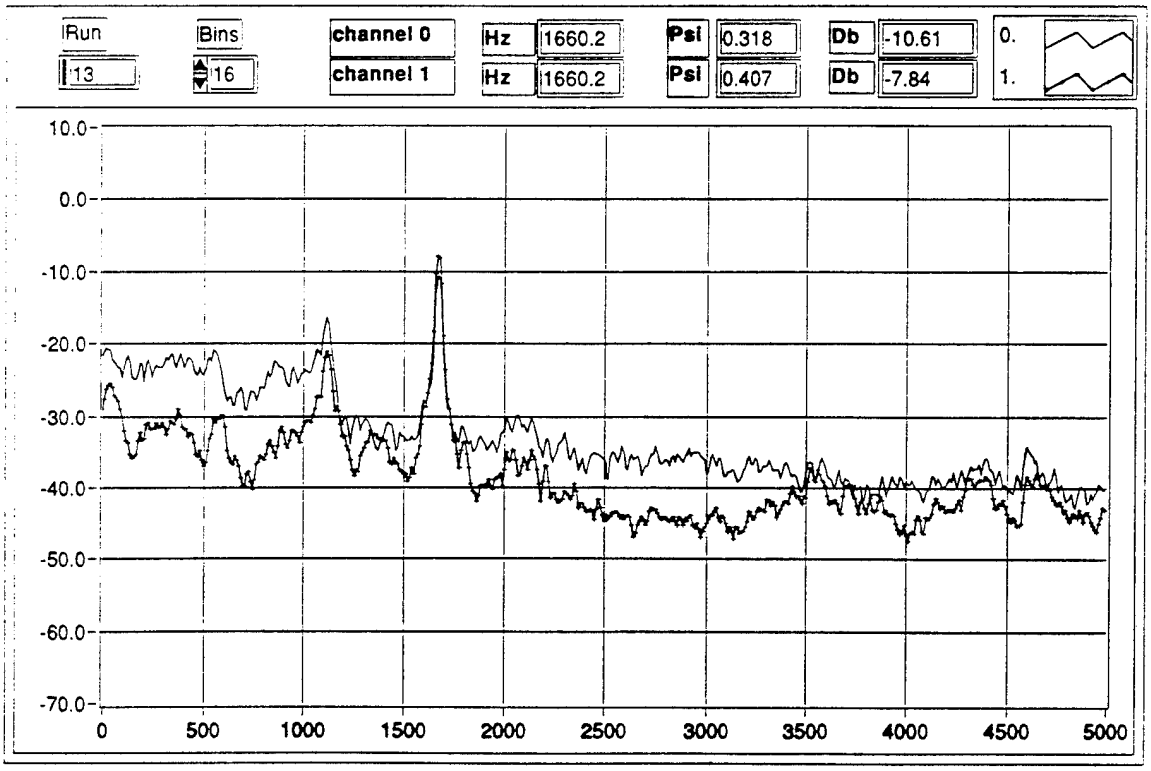
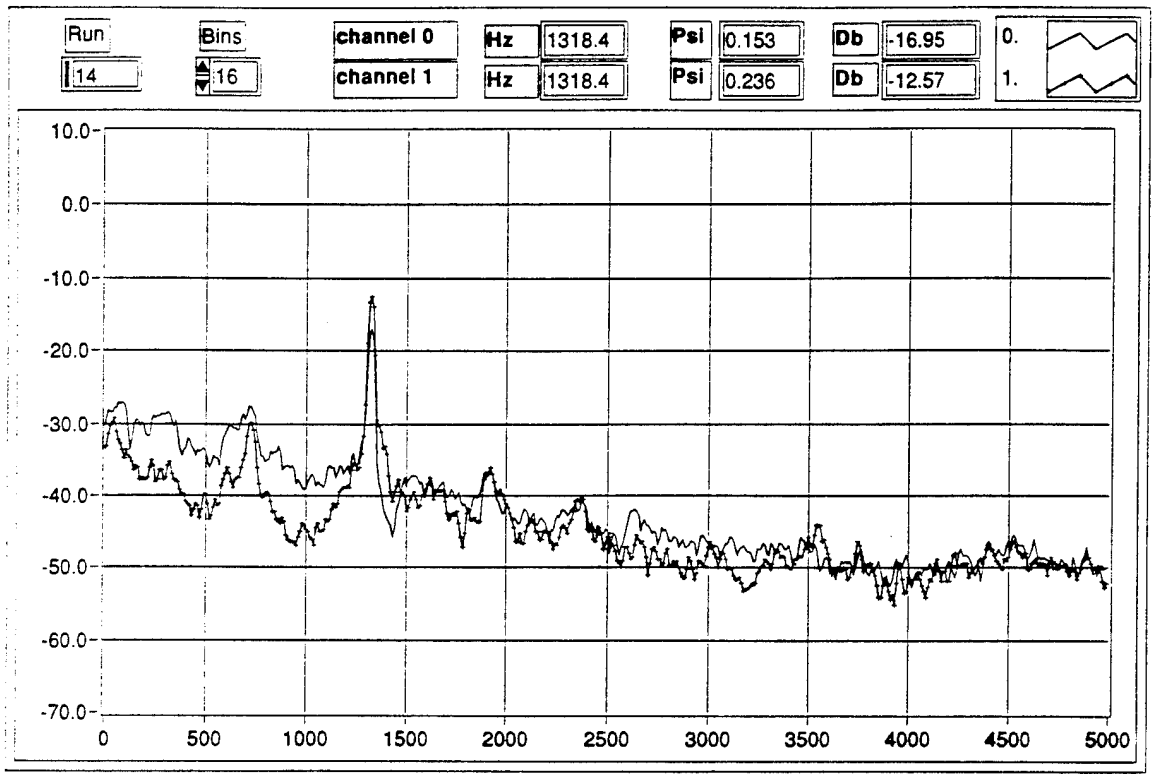
17.6528	12.8326	12.7231	14.2391	14.2400	15.1898	12.6806	13.2705	0.0255	-0.6605	12.2918	14.2597	-0.0031	12.6928	-15.6786	-0.1922	0.0000	0.6954	0.0000	0.2813
17.6720	12.8057	12.6908	14.2313	14.2400	15.2148	12.6685	13.2562	-0.0088	-0.6857	12.2136	14.2681	-0.0101	12.7123	-15.9790	-0.2060	0.0000	0.6993	0.0400	0.8828
17.6912	12.8461	12.6925	14.2369	14.2400	15.3260	12.6525	13.2551	0.0194	-0.6857	12.1756	14.2286	-0.0083	12.6761	-16.1748	-0.2610	0.0000	0.6986	0.0800	1.4922
17.6995	12.8423	12.7109	14.2346	14.2400	15.4539	12.6227	13.2463	0.0233	-0.7064	12.1354	14.2314	0.0004	12.7290	-16.2140	-0.2610	0.0000	0.6985	0.1200	2.1523
17.6638	12.8256	12.7048	14.2324	14.2400	15.6216	12.5858	13.2523	0.0802	-0.7412	12.1359	14.2597	-0.0223	12.6593	-16.4881	-0.2610	0.0000	0.6973	0.1600	2.7500
17.6830	12.8622	12.7621	14.2307	14.2400	15.7894	12.5483	13.2490	0.1073	-0.7742	12.1304	14.2484	-0.0013	12.6593	-16.6578	-0.3023	0.0000	0.6944	0.2000	3.3516
17.7324	12.8665	12.7771	14.2341	14.2400	15.9920	12.5014	13.2452	0.1449	-0.7994	12.0610	14.2343	-0.0048	12.6956	-16.7753	-0.2335	0.0000	0.6966	0.2600	4.1211
17.7764	12.8240	12.7226	14.2402	14.2400	16.2644	12.4639	13.2578	0.2069	-0.8213	12.0484	14.2314	0.0039	12.7346	-16.9581	-0.2610	0.0000	0.7037	0.3200	4.8398
17.8094	12.8461	12.7198	14.2391	14.2400	16.5019	12.4639	13.2793	0.2306	-0.8129	12.0291	14.2709	-0.0118	12.6789	-17.1539	-0.1785	0.0000	0.7049	0.3800	5.6094
17.7764	12.8164	12.6947	14.2358	14.2400	16.7294	12.4391	13.2914	0.2948	-0.8308	11.9823	14.2456	-0.0013	12.6761	-17.3497	-0.2198	0.0000	0.7052	0.4400	6.3828
17.8066	12.8401	12.7532	14.2397	14.2400	16.9171	12.4380	13.3123	0.3263	-0.8369	11.9663	14.2794	-0.0170	12.7235	-17.5977	-0.1922	0.0000	0.7035	0.5000	7.0898
17.7956	12.8541	12.7337	14.2352	14.2400	17.1247	12.4716	13.3558	0.3385	-0.8011	11.9481	14.2314	0.0004	12.7653	-17.8848	-0.1647	0.0000	0.7031	0.5900	8.0195
17.8478	12.8595	12.7576	14.2346	14.2400	17.2725	12.5108	13.3856	0.3385	-0.7770	11.9200	14.2540	-0.0048	12.7374	-18.0545	-0.1922	0.0000	0.7051	0.6800	8.9609
17.8149	12.8547	12.7549	14.2352	14.2400	17.4386	12.5433	13.4070	0.3501	-0.7641	11.8853	14.2427	-0.0066	12.7012	-18.2894	-0.1372	0.0000	0.7033	0.7700	9.8398
17.7929	12.8923	12.7855	14.2313	14.2400	17.4701	12.5610	13.4252	0.4109	-0.7473	11.9101	14.2625	-0.0188	12.7318	-18.4330	-0.2198	0.0000	0.6990	0.8600	10.7695
17.7737	12.8617	12.7537	14.2318	14.2400	17.4851	12.5775	13.4456	0.4425	-0.7423	11.8980	14.2484	-0.0118	12.7235	-18.6157	-0.2473	0.0000	0.7005	0.9500	11.7031
17.8726	12.8967	12.7949	14.2352	14.2400	17.5797	12.6189	13.4808	0.4380	-0.7378	11.8561	14.2343	-0.0118	12.7932	-18.9549	-0.3023	0.0000	0.7034	1.1100	13.0820
17.9632	12.9031	12.7849	14.2386	14.2400	17.6561	12.6498	13.5061	0.4220	-0.7412	11.7763	14.2625	0.0004	12.8211	-19.2942	-0.2198	0.0000	0.7092	1.2700	14.3906
17.9165	12.9322	12.8055	14.2330	14.2400	17.6528	12.6806	13.5331	0.3982	-0.7496	11.7554	14.2681	-0.0205	12.7960	-19.5682	-0.2335	0.0000	0.7041	1.4300	15.7109
17.8836	12.9494	12.8768	14.2369	14.2400	17.6146	12.7248	13.5590	0.3755	-0.7630	11.7493	14.2597	-0.0135	12.8015	-19.9204	-0.1922	0.0000	0.6982	1.5900	17.0898
18.0127	12.9316	12.8361	14.2402	14.2400	17.6644	12.7689	13.5903	0.3385	-0.7764	11.7218	14.2371	-0.0066	12.8462	-20.1944	-0.2473	0.0000	0.7088	1.7500	18.4023
18.0841	12.9866	12.9280	14.2369	14.2400	17.8039	12.8009	13.6228	0.3518	-0.7815	11.6645	14.2879	-0.0083	12.8685	-20.7162	-0.2473	0.0000	0.7069	2.0000	20.2695
18.0649	12.9742	12.9119	14.2352	14.2400	17.7441	12.8235	13.6377	0.3357	-0.7837	11.6783	14.2343	0.0039	12.8489	-21.0292	-0.1922	0.0000	0.7069	2.2500	22.1914
17.9495	13.0129	12.9408	14.2419	14.2400	17.6561	12.8582	13.6614	0.3219	-0.7832	11.7366	14.2625	-0.0066	12.8545	-21.4857	-0.3160	0.0000	0.6968	2.5000	24.0625


Run
12
Bins
16
channel 0
channel 1
Hz 1113.3
Hz 1113.3
Psi 0.686
Psi 0.315
Db -3.95
Db -10.06
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

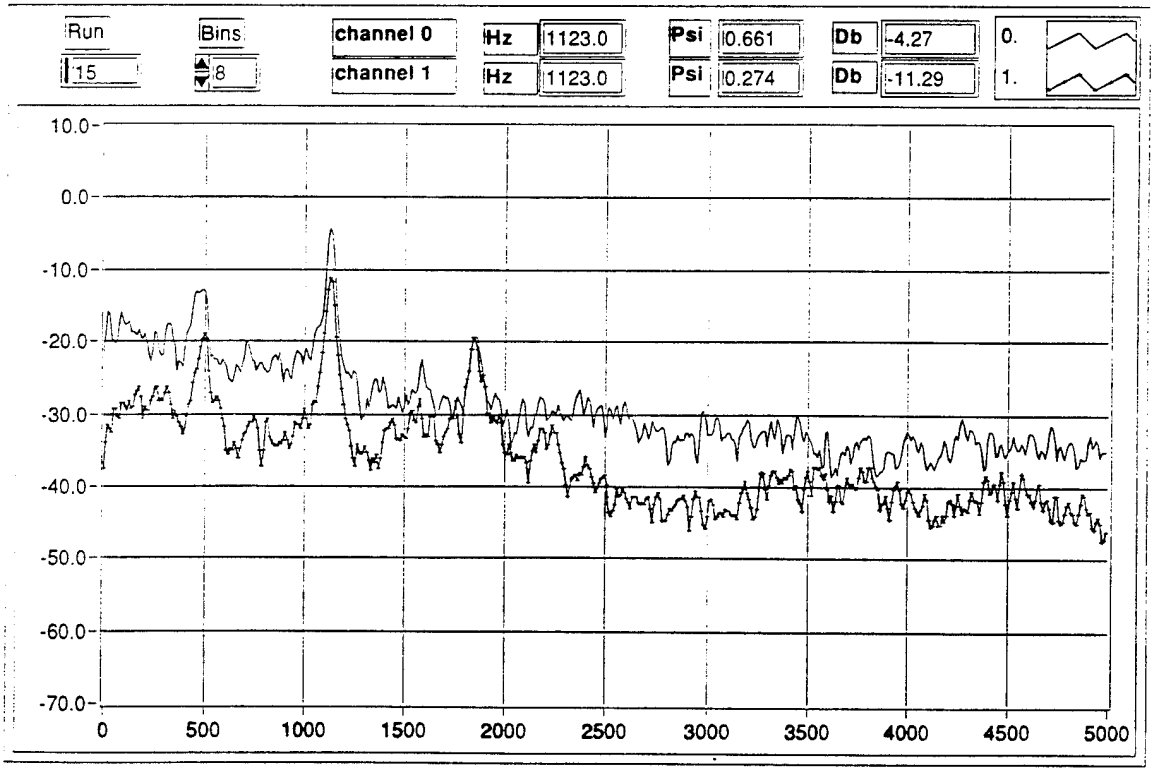
PAN 12


Run
13
Bins
16
channel 0
channel 1
Hz 1660.2
Hz 1660.2
Psi 0.318
Psi 0.407
Db -10.61
Db -7.84
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

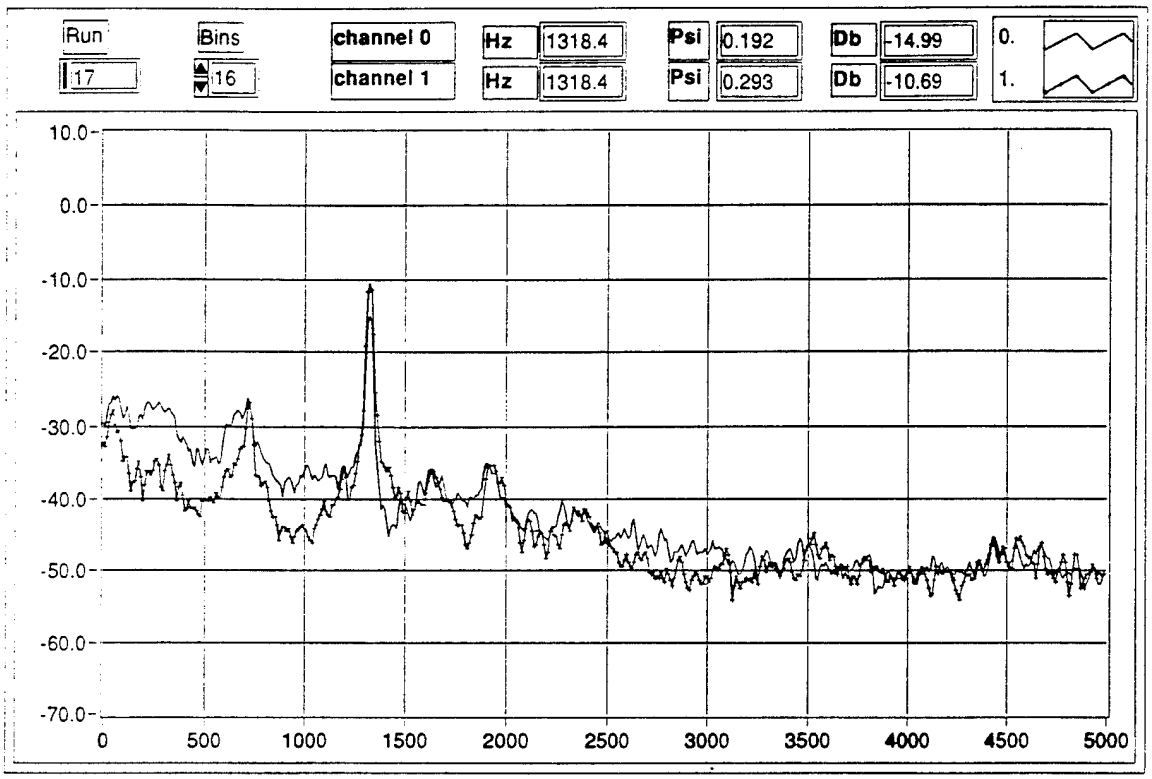
PAN 13


Run
14
Bins
16
channel 0
Hz
1318.4
Psi
0.153
Db
-16.95
channel 1
Hz
1318.4
Psi
0.236
Db
-12.57
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

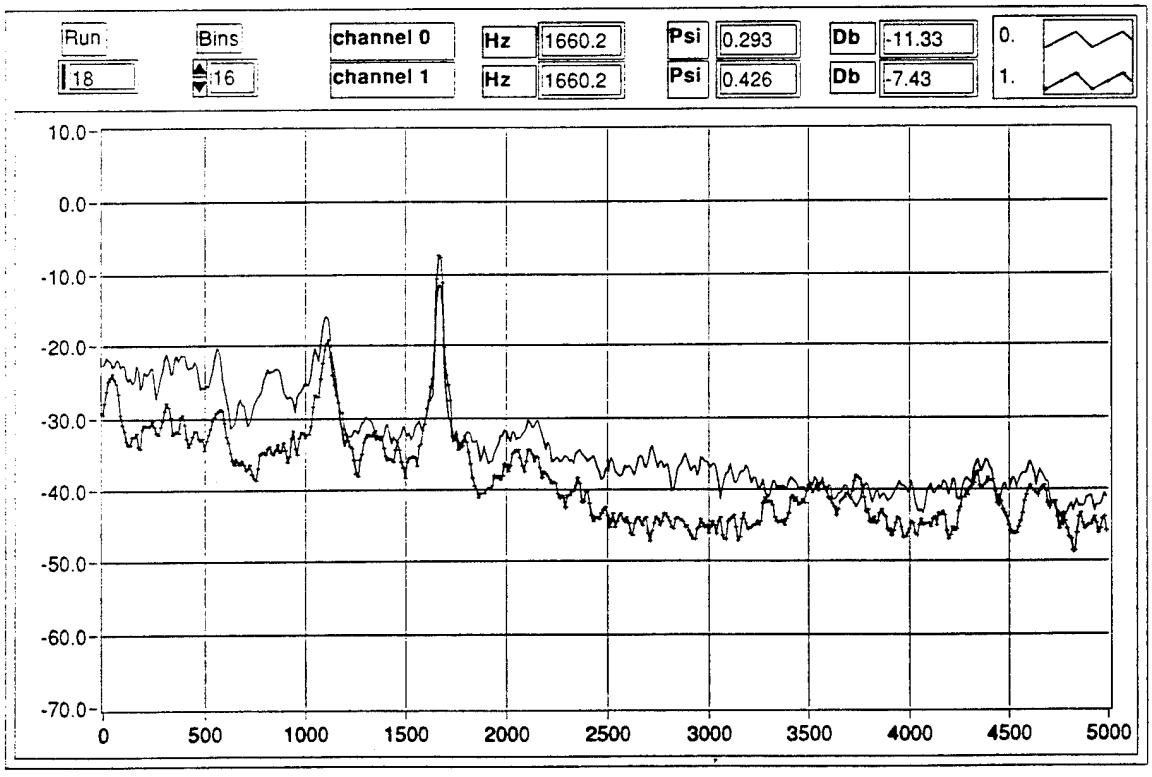
PAN 14


Run
15
Bins
8
channel 0
Hz
1123.0
Psi
0.661
Db
-4.27
channel 1
Hz
1123.0
Psi
0.274
Db
-11.29
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

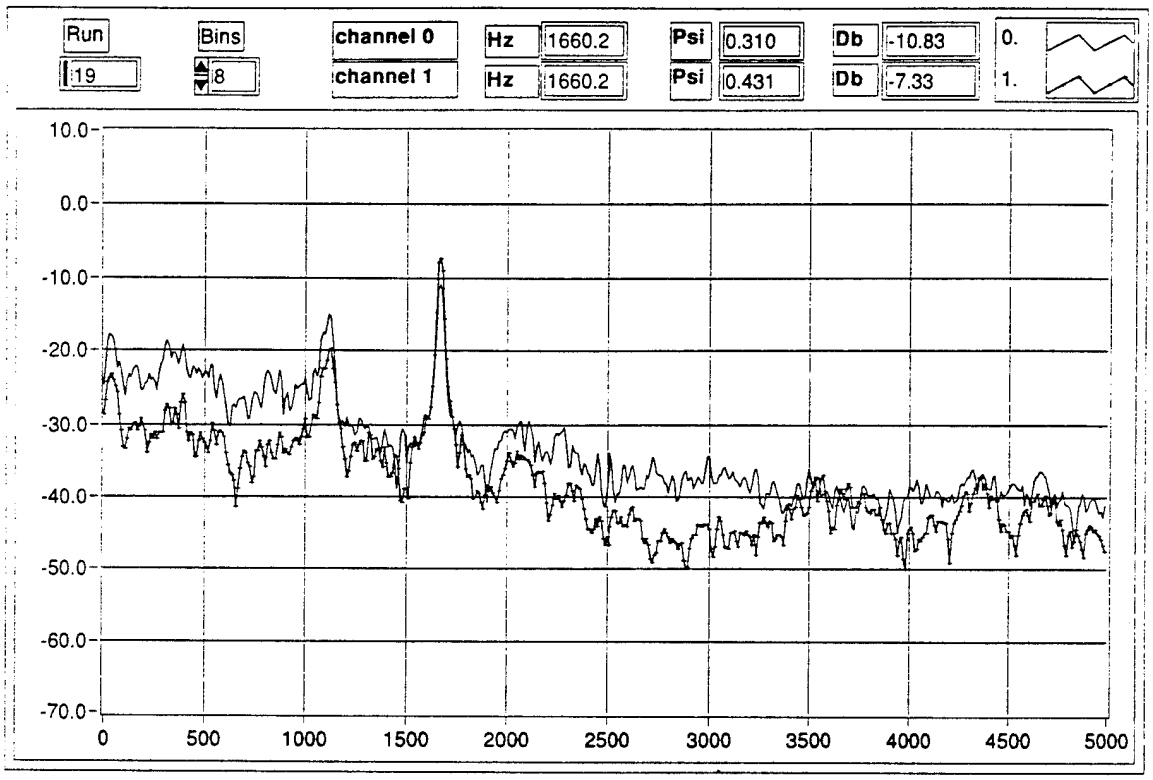
PAN 15


Run
17
Bins
16
channel 0
channel 1
Hz
1318.4
Hz
1318.4
Psi
0.192
Psi
0.293
Db
-14.99
Db
-10.69
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

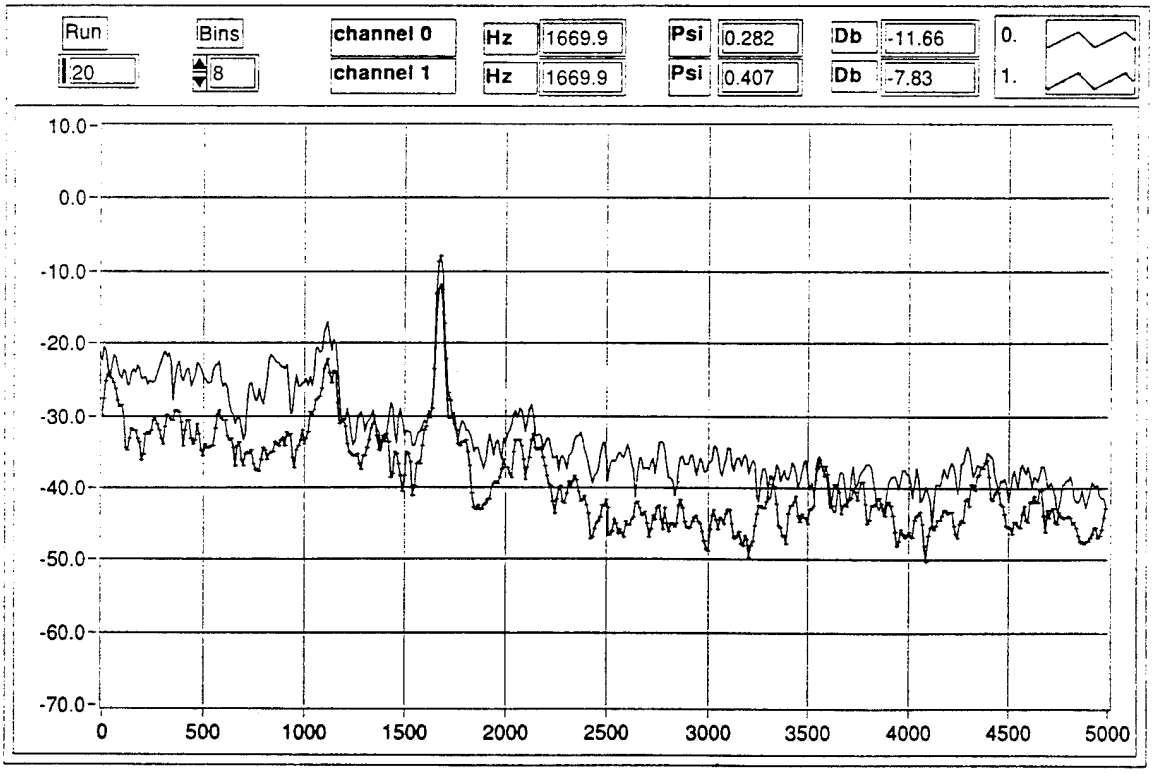
PAN 17


Run
18
Bins
16
channel 0
channel 1
Hz
1660.2
Hz
1660.2
Psi
0.293
Psi
0.426
Db
-11.33
Db
-7.43
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

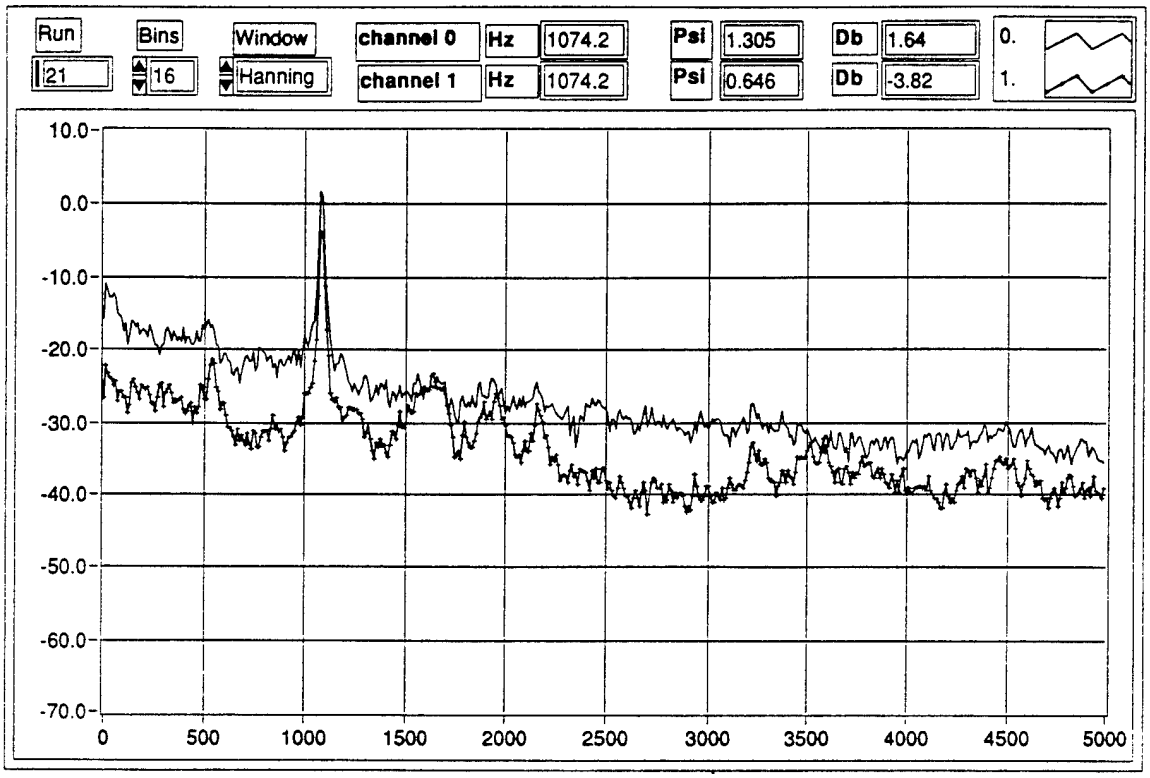
PAN 18


Run
19
Bins
8
channel 0
channel 1
Hz 1660.2
Hz 1660.2
Psi 0.310
Psi 0.431
Db -10.83
Db -7.33
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

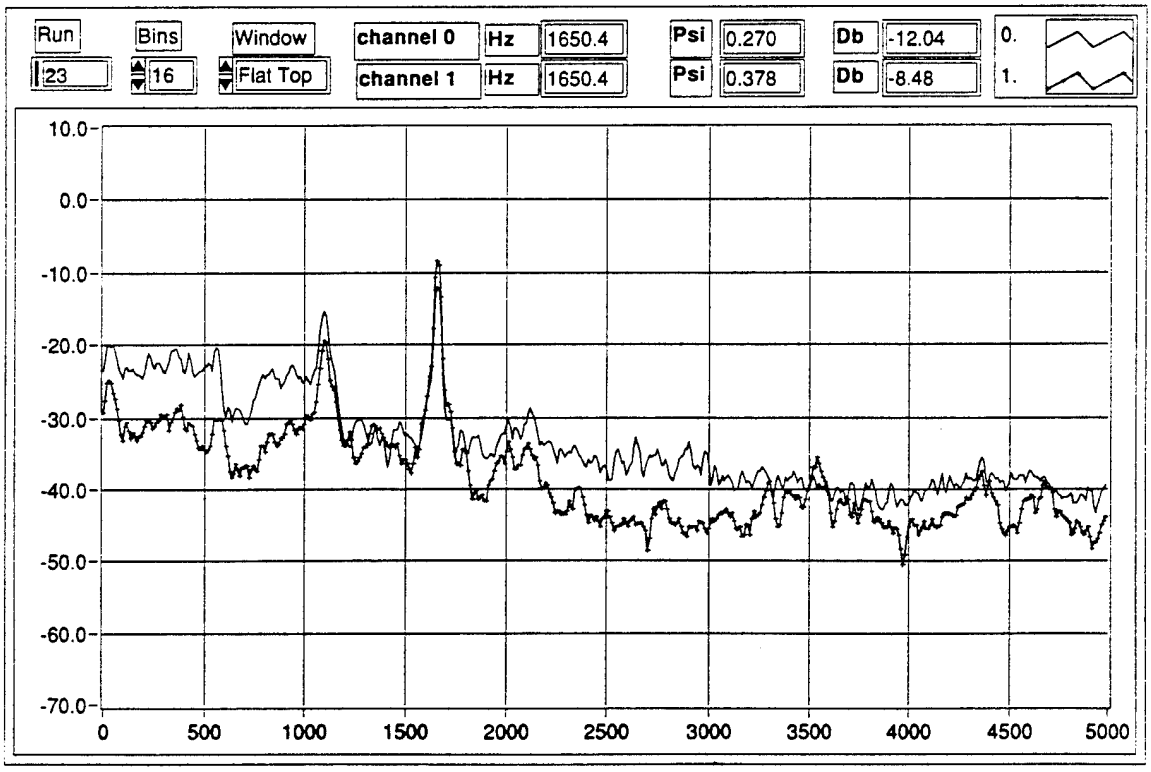
PAN 19


Run
20
Bins
8
channel 0
channel 1
Hz 1669.9
Hz 1669.9
Psi 0.282
Psi 0.407
Db -11.66
Db -7.83
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

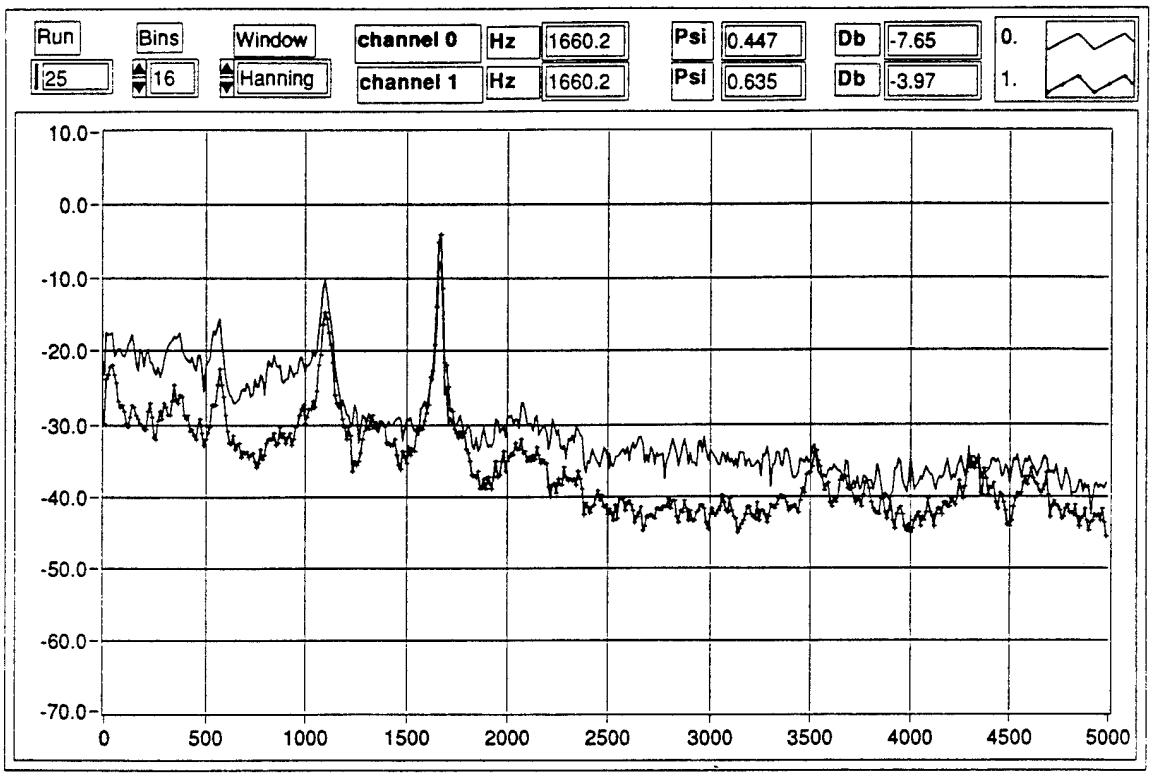
PAN 20


Run
21
Bins
16
Window
Hanning
channel 0
Hz
1074.2
channel 1
Hz
1074.2
Psi
1.305
Psi
0.646
Db
1.64
Db
-3.82
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

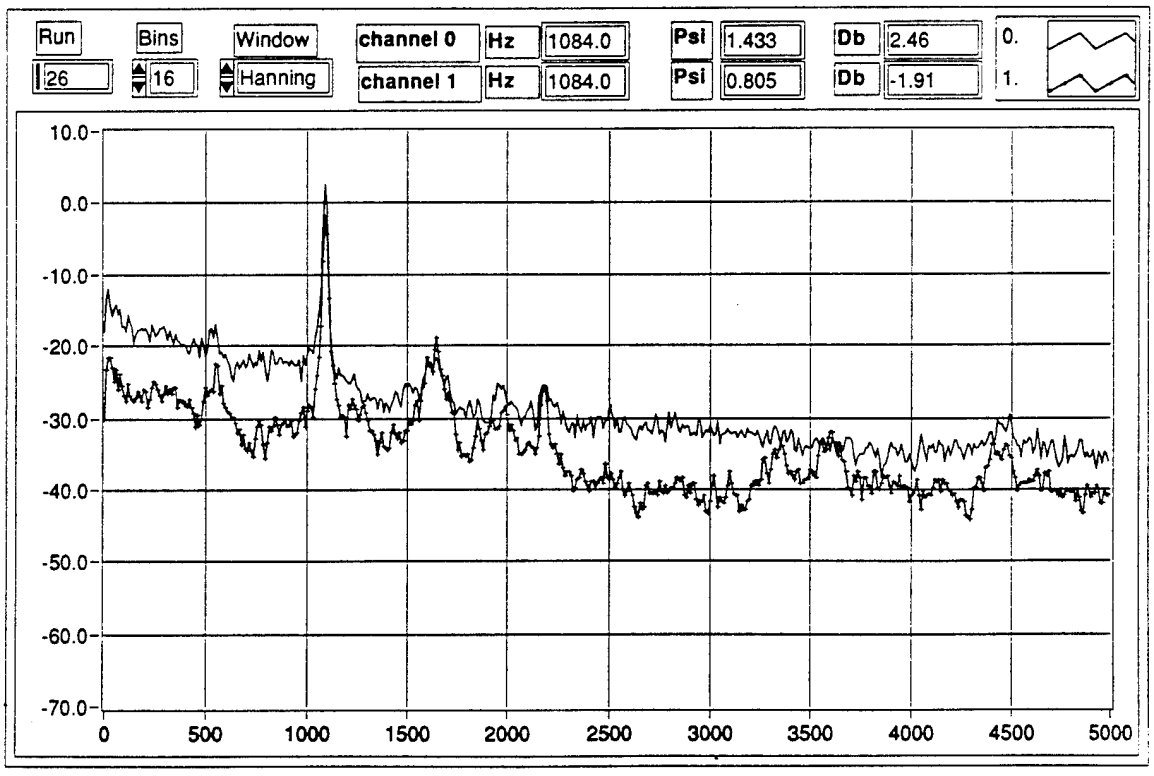
PAN 21


Run
23
Bins
16
Window
Flat Top
channel 0
Hz
1650.4
channel 1
Hz
1650.4
Psi
0.270
Psi
0.378
Db
-12.04
Db
-8.48
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

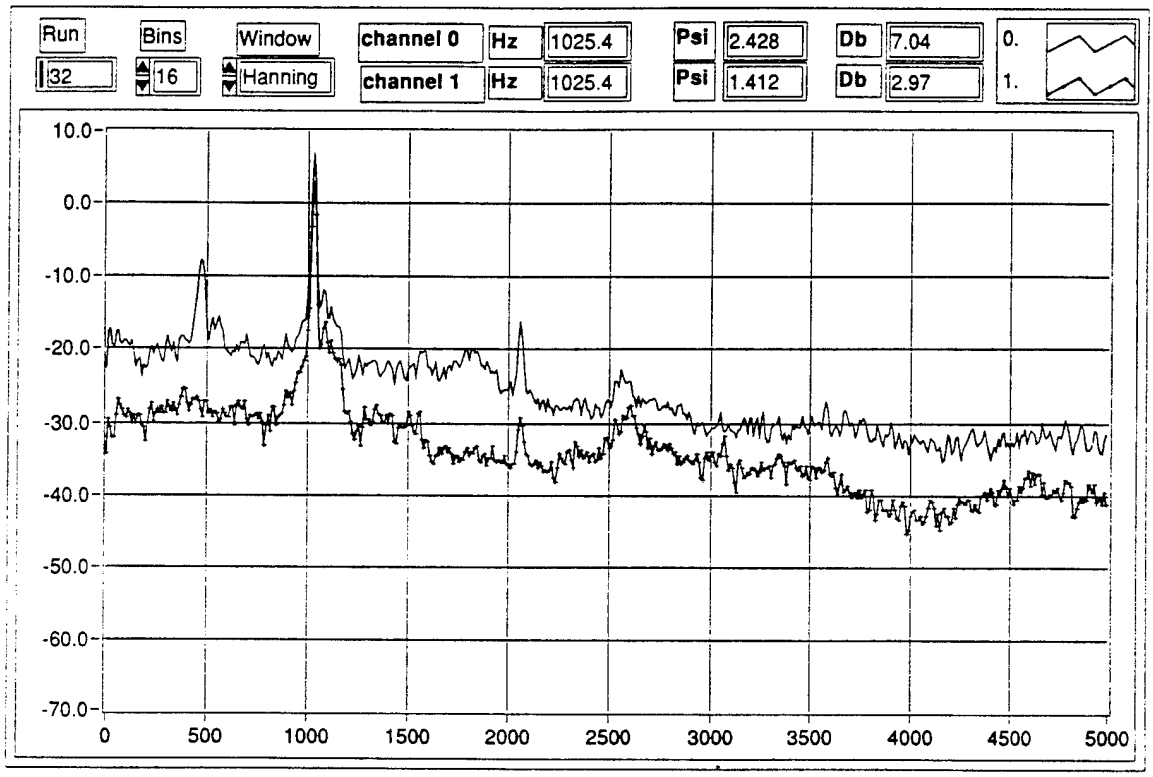
PAN 23


Run
25
Bins
16
Window
Hanning
channel 0
Hz
1660.2
channel 1
Hz
1660.2
Psi
0.447
Psi
0.635
Db
-7.65
Db
-3.97
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

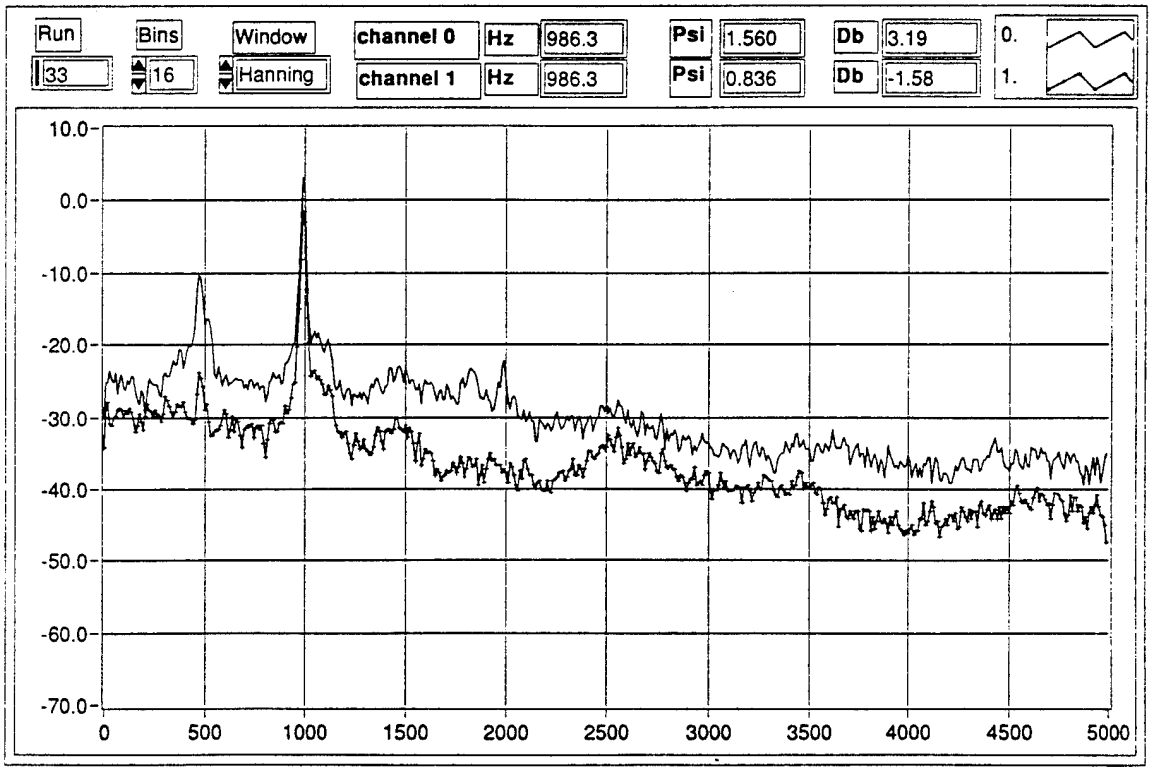
PAN 25


Run
26
Bins
16
Window
Hanning
channel 0
Hz
1084.0
channel 1
Hz
1084.0
Psi
1.433
Psi
0.805
Db
2.46
Db
-1.91
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

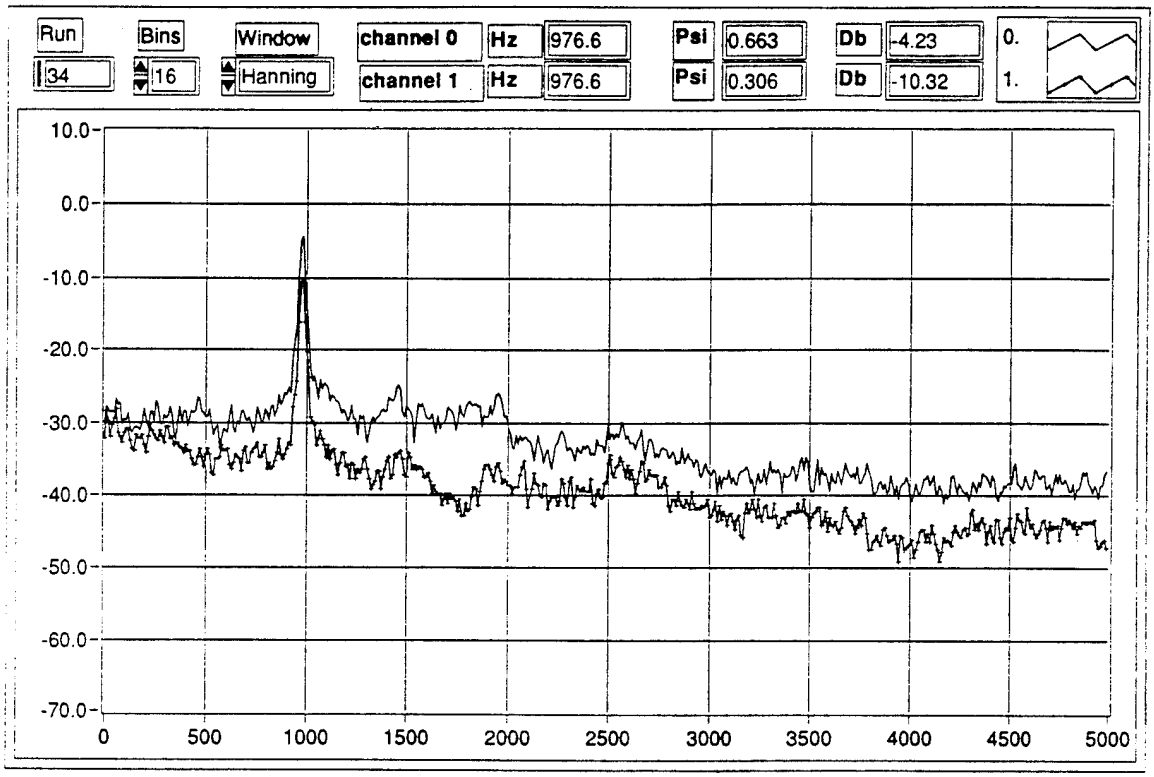
PAN 26


Run
32
Bins
16
Window
Hanning
channel 0
Hz
1025.4
channel 1
Hz
1025.4
Psi
2.428
Psi
1.412
Db
7.04
Db
2.97
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

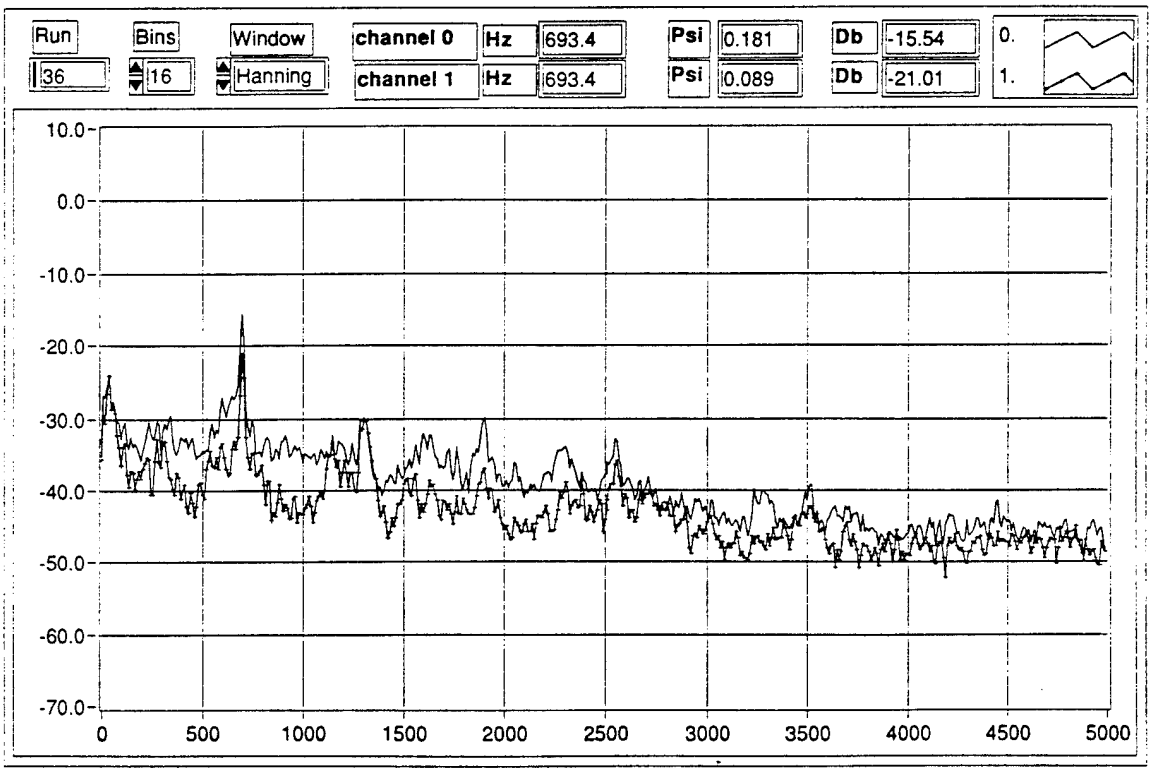
PAN 32


Run
33
Bins
16
Window
Hanning
channel 0
Hz
986.3
channel 1
Hz
986.3
Psi
1.560
Psi
0.836
Db
3.19
Db
-1.58
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

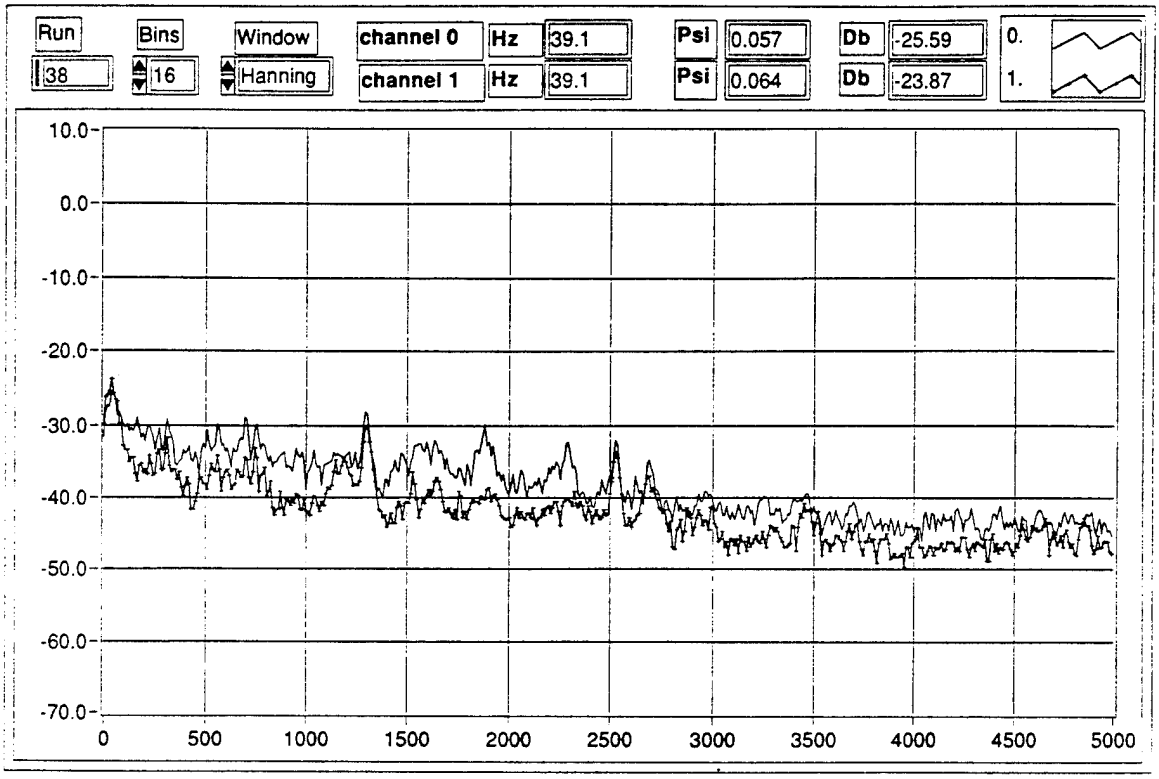
PAN 33


Run
34
Bins
16
Window
Hanning
channel 0
Hz
976.6
channel 1
Hz
976.6
Psi
0.663
Psi
0.306
Db
-4.23
Db
-10.32
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

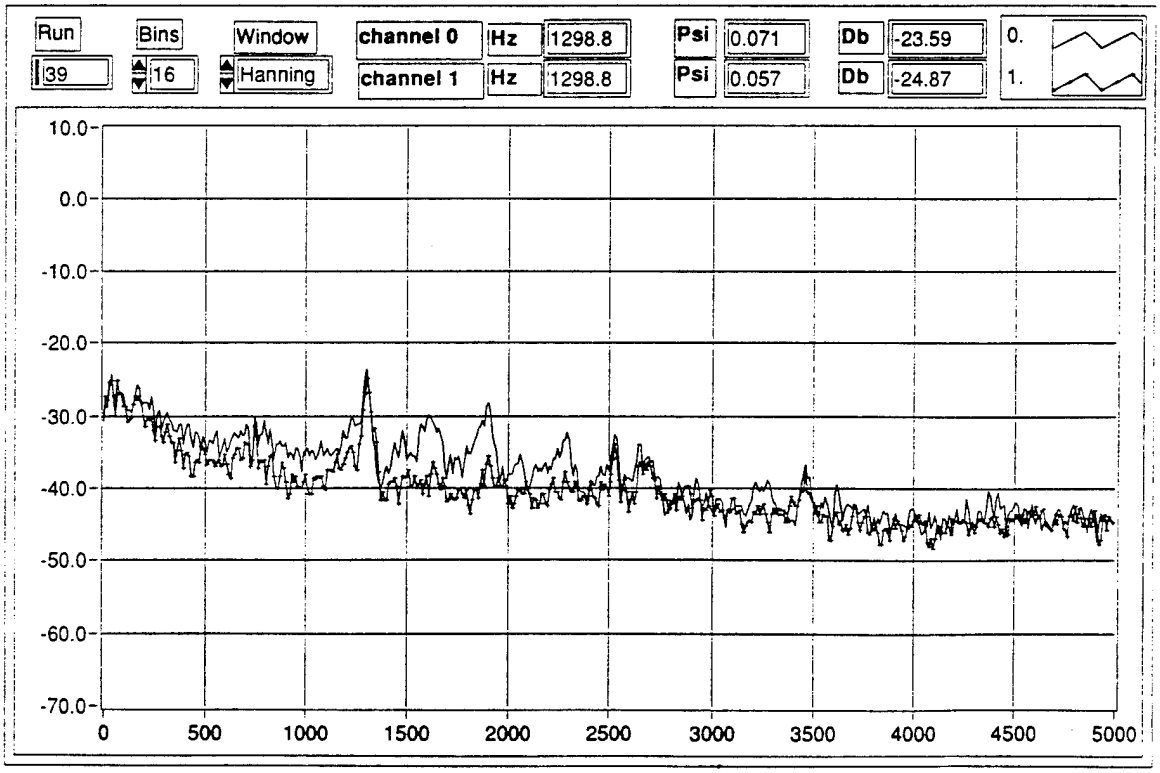
PAN 34


Run
36
Bins
16
Window
Hanning
channel 0
Hz
693.4
channel 1
Hz
693.4
Psi
0.181
Psi
0.089
Db
-15.54
Db
-21.01
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

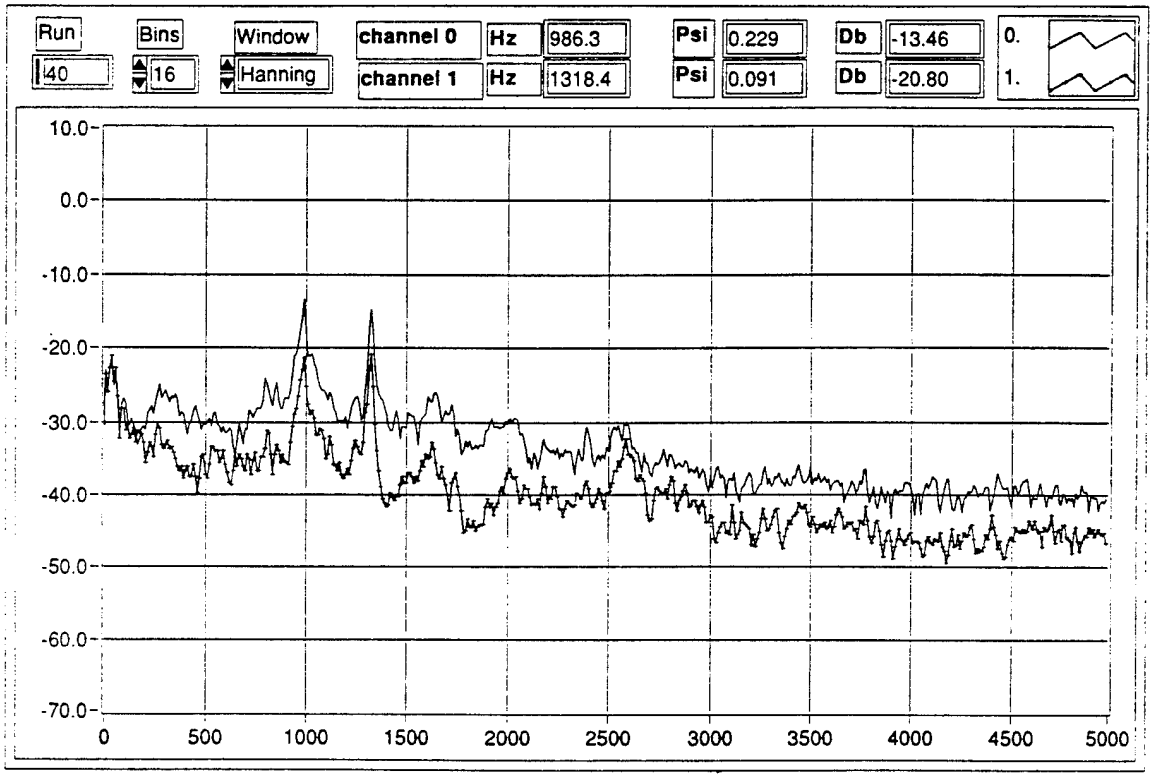
PAN 36


Run
38
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
39.1
Psi
0.057
Psi
0.064
Db
-25.59
Db
-23.87
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

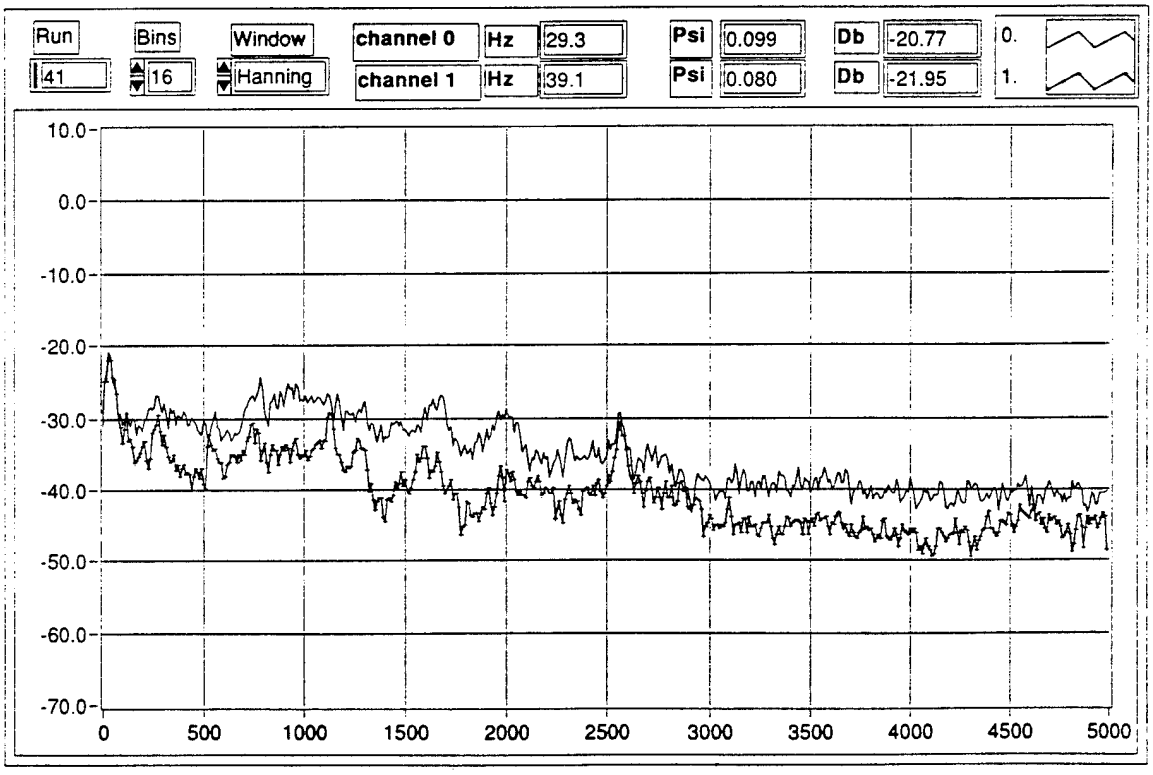
PAN 38


Run
39
Bins
16
Window
Hanning
channel 0
Hz
1298.8
channel 1
Hz
1298.8
Psi
0.071
Psi
0.057
Db
-23.59
Db
-24.87
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

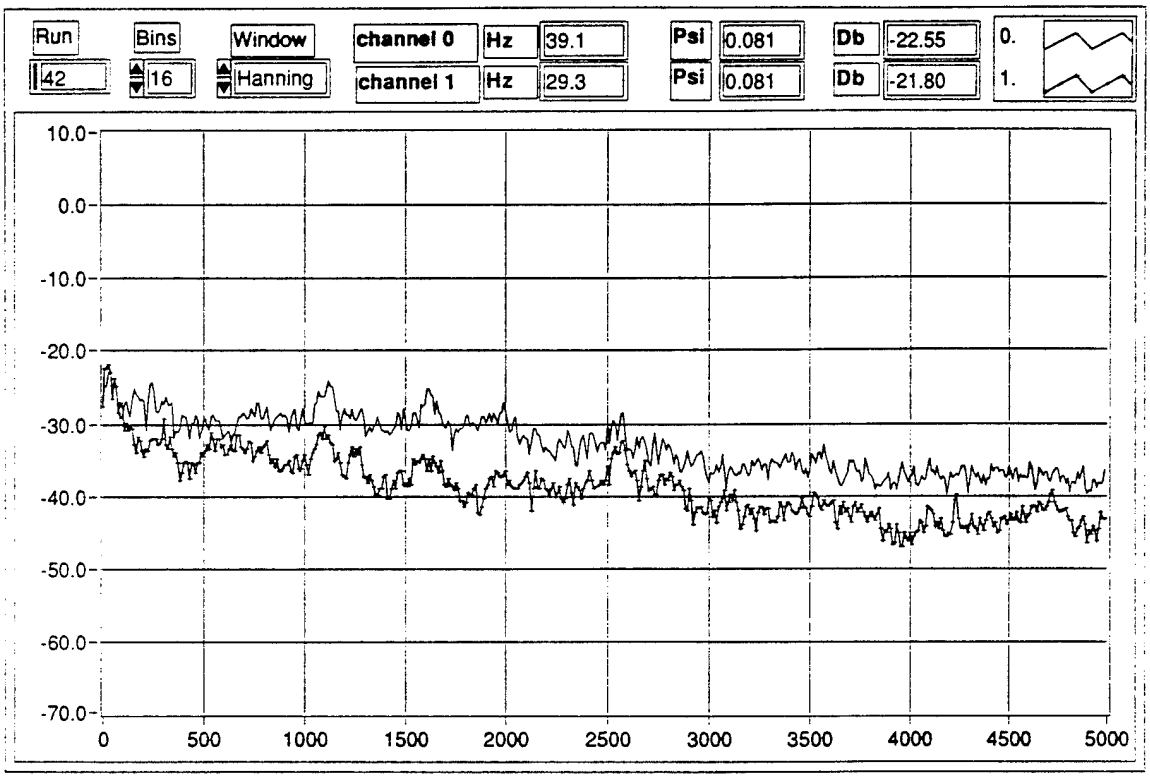
PAN 39


Run
40
Bins
16
Window
Hanning
channel 0
Hz
986.3
channel 1
Hz
1318.4
Psi
0.229
Psi
0.091
Db
-13.46
Db
-20.80
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

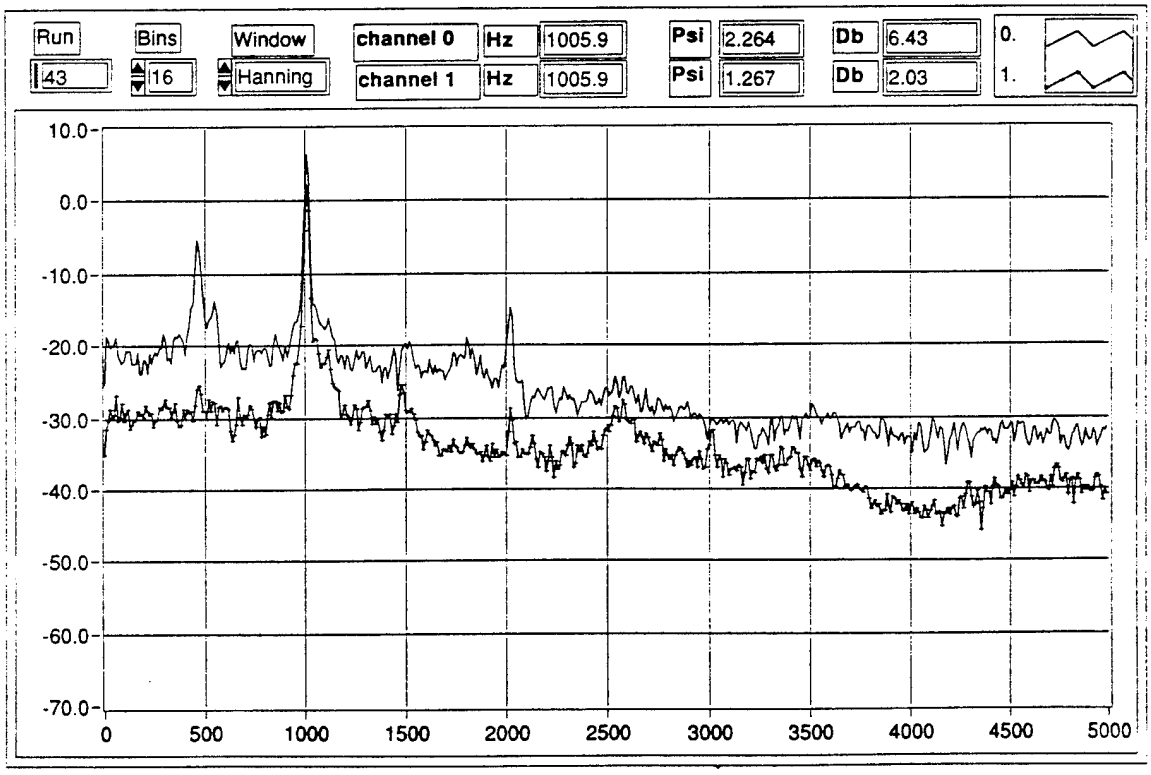
PAN 40


Run
41
Bins
16
Window
Hanning
channel 0
Hz
29.3
channel 1
Hz
39.1
Psi
0.099
Psi
0.080
Db
-20.77
Db
-21.95
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

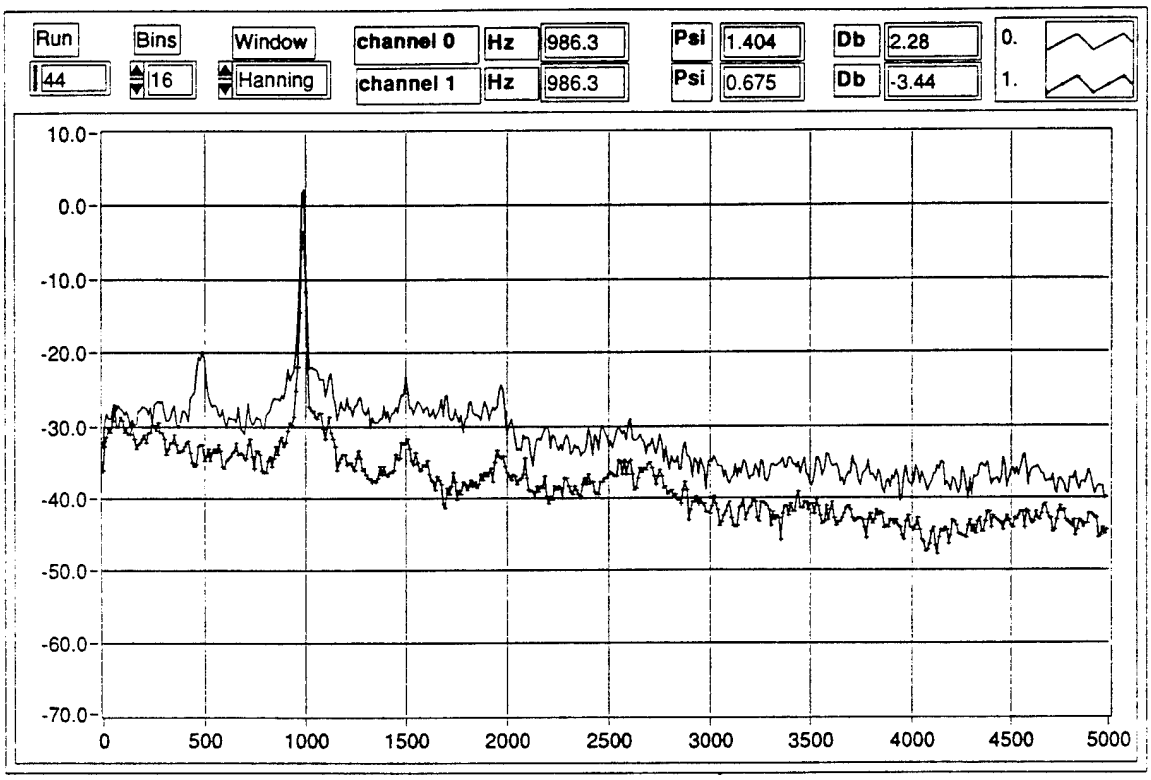
PAN 41


Run
42
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
29.3
Psi
0.081
Psi
0.081
Db
-22.55
Db
-21.80
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

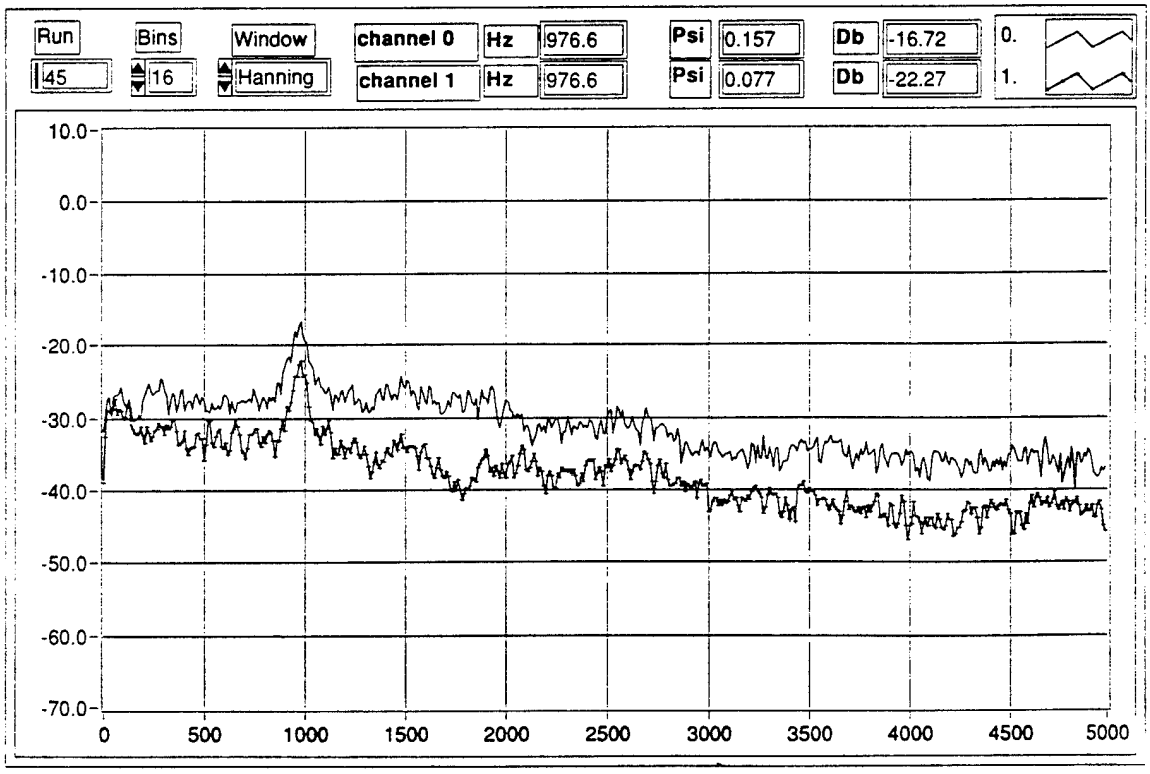
PAN 42


Run
43
Bins
16
Window
Hanning
channel 0
Hz
1005.9
channel 1
Hz
1005.9
Psi
2.264
Psi
1.267
Db
6.43
Db
2.03
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

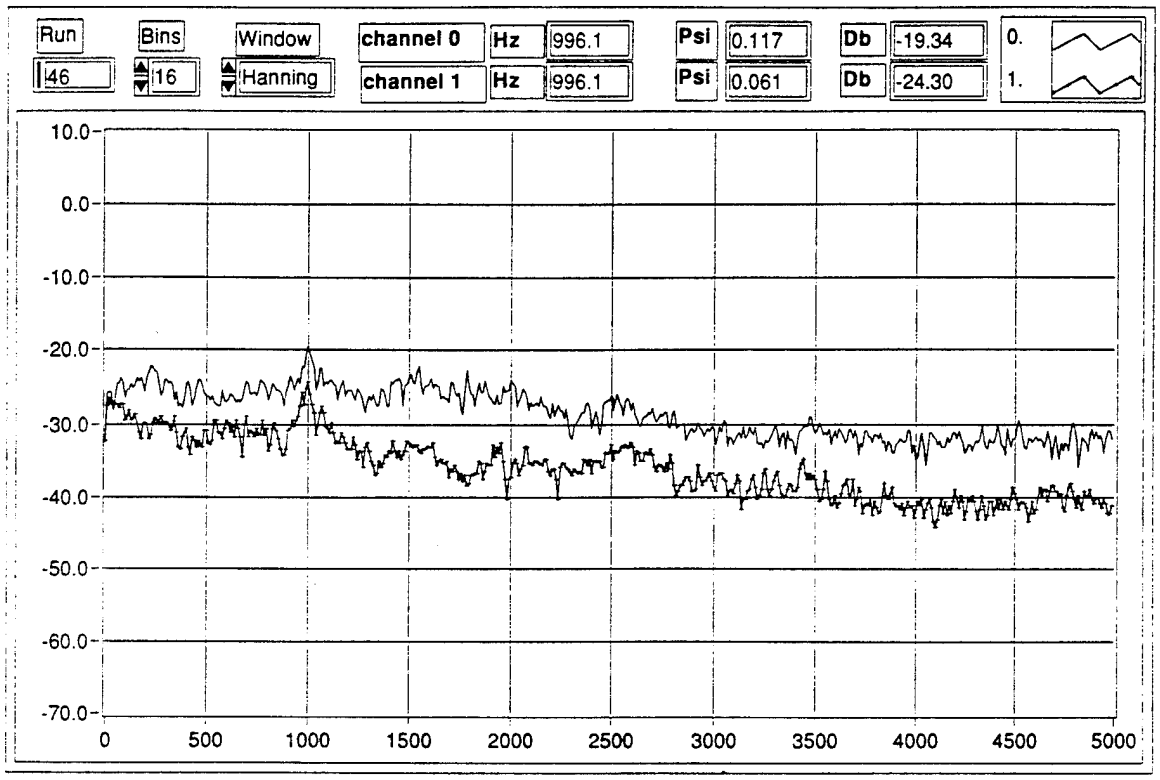
PAN 43


Run
44
Bins
16
Window
Hanning
channel 0
Hz
986.3
channel 1
Hz
986.3
Psi
1.404
Psi
0.675
Db
2.28
Db
-3.44
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

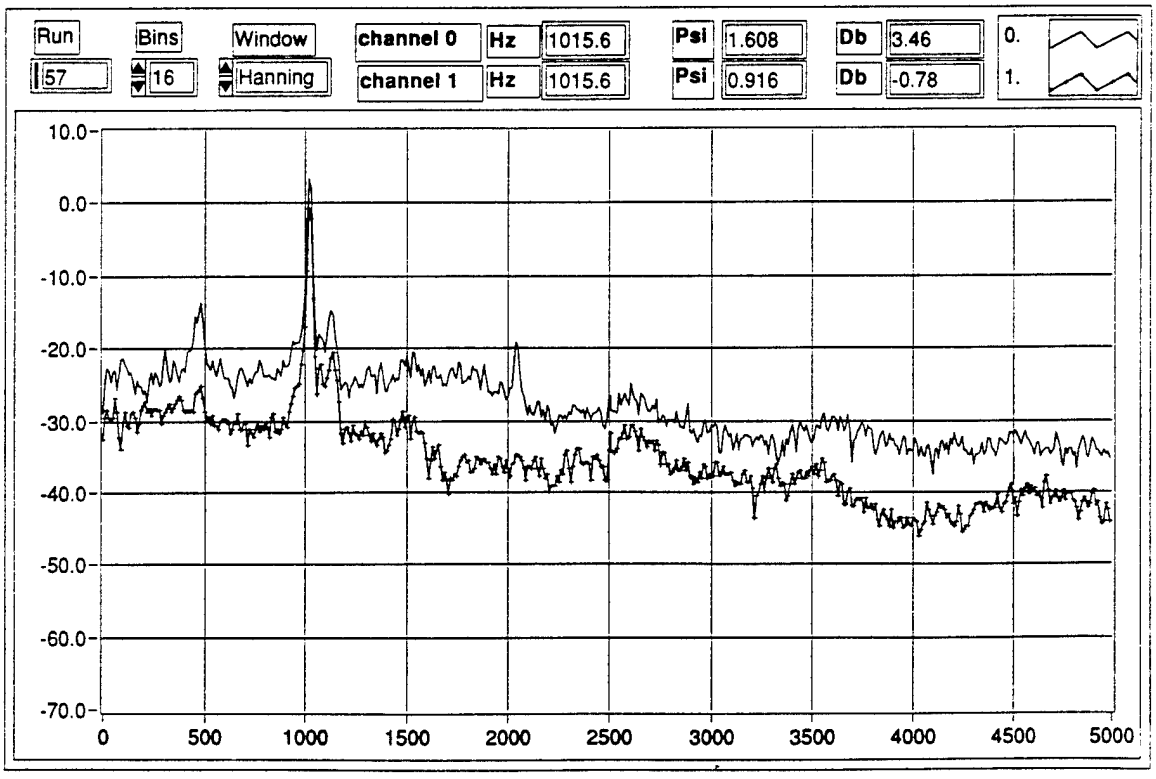
PAN 44


Run
45
Bins
16
Window
Hanning
channel 0
Hz
976.6
channel 1
Hz
976.6
Psi
0.157
Psi
0.077
Db
-16.72
Db
-22.27
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

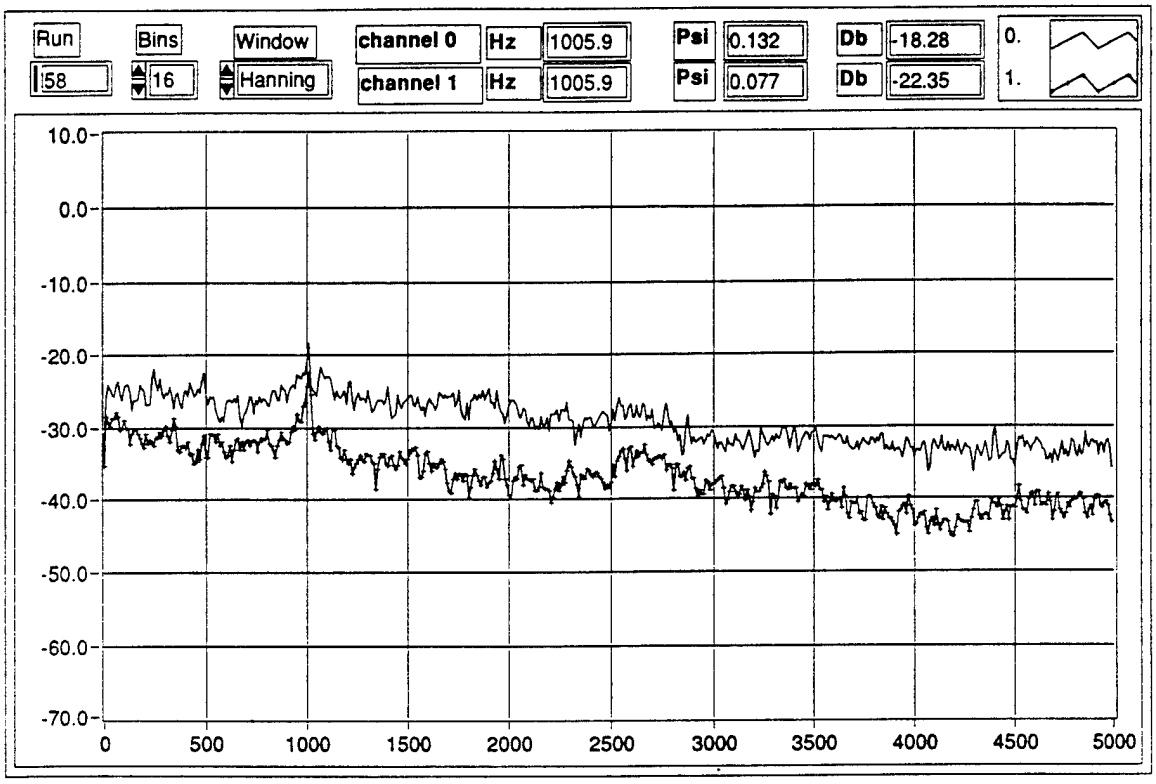
PAN 45


Run
46
Bins
16
Window
Hanning
channel 0
Hz
996.1
channel 1
Hz
996.1
Psi
0.117
Psi
0.061
Db
-19.34
Db
-24.30
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

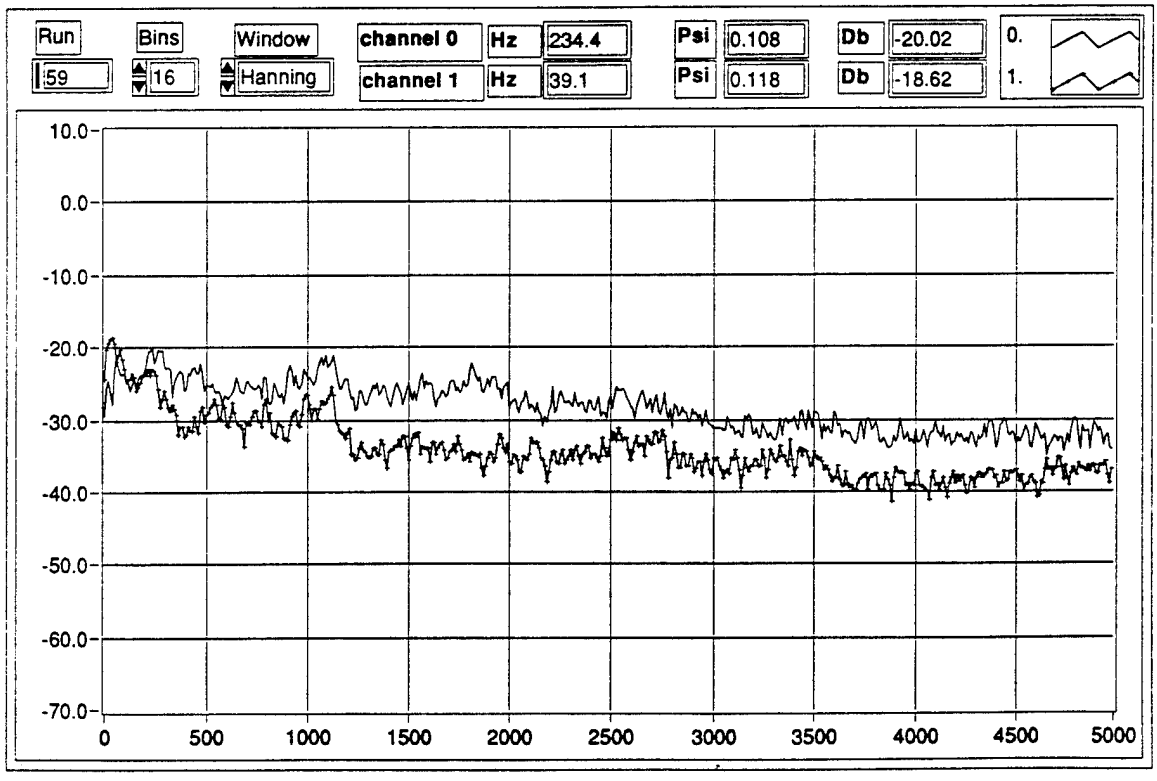
PAN 46


Run
57
Bins
16
Window
Hanning
channel 0
Hz
1015.6
channel 1
Hz
1015.6
Psi
1.608
Psi
0.916
Db
3.46
Db
-0.78
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

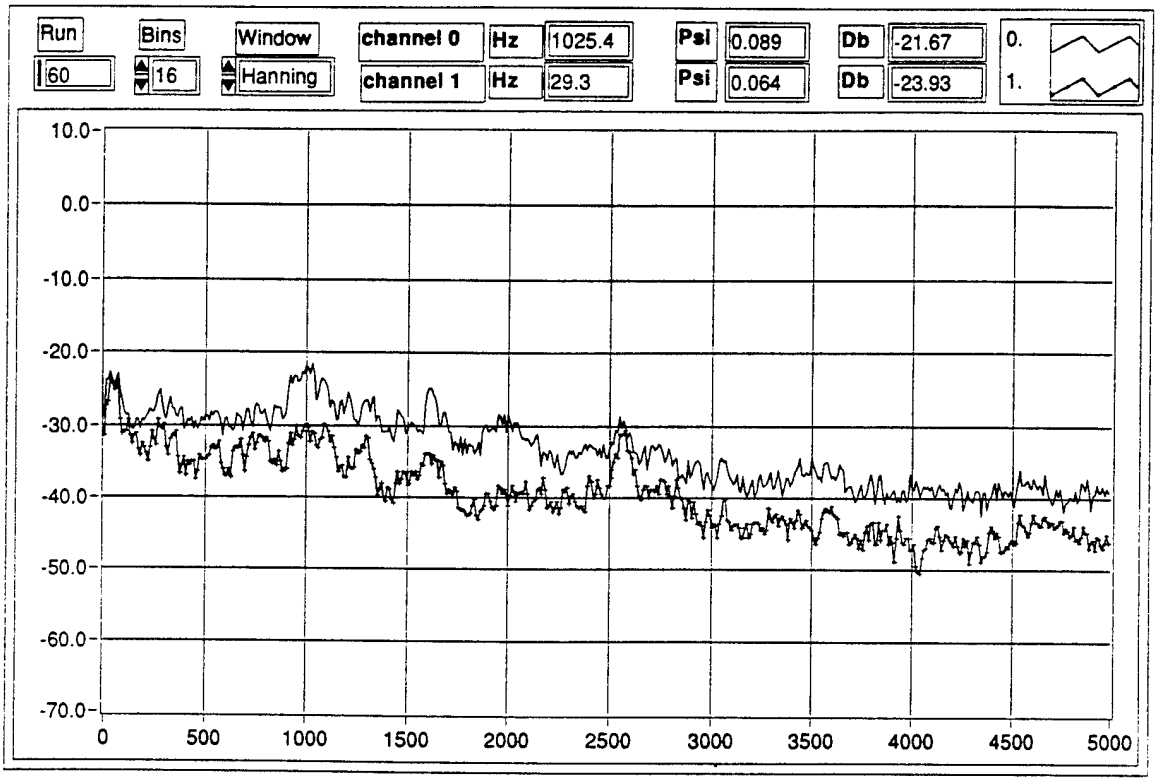
PAN 57


Run
58
Bins
16
Window
Hanning
channel 0
Hz
1005.9
channel 1
Hz
1005.9
Psi
0.132
Psi
0.077
Db
-18.28
Db
-22.35
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

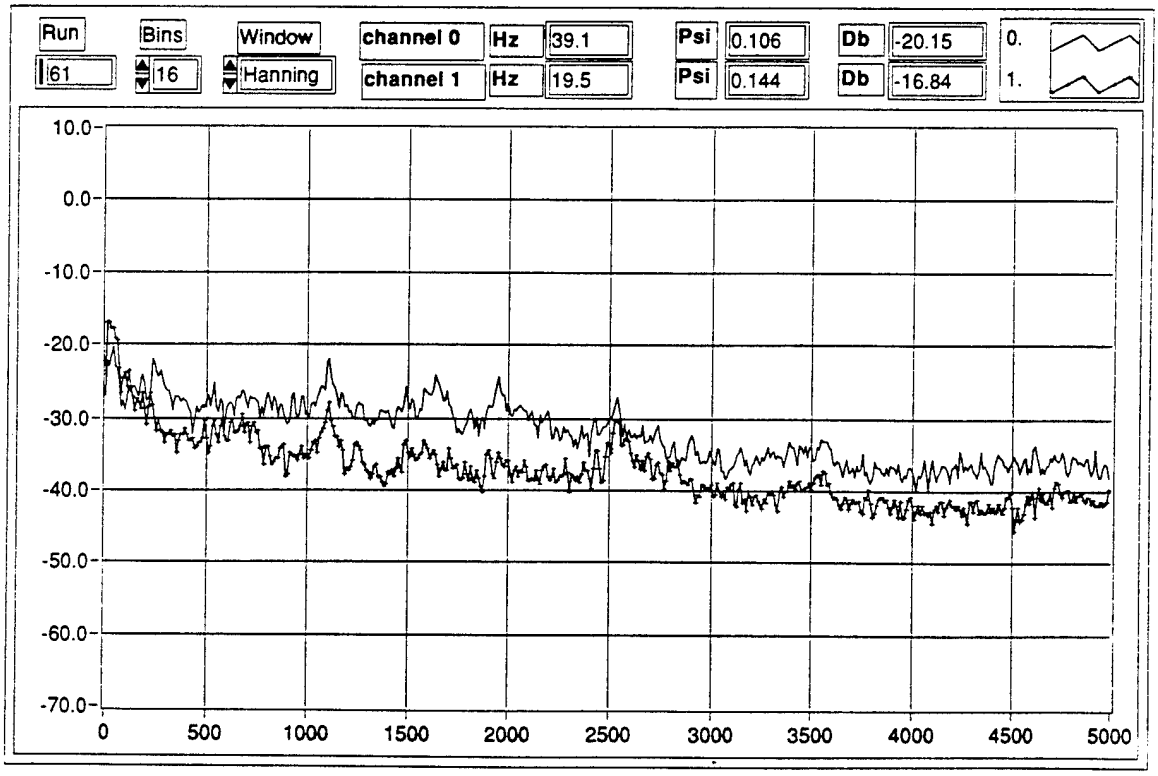
PAN 58


Run
59
Bins
16
Window
Hanning
channel 0
Hz
234.4
channel 1
Hz
39.1
Psi
0.108
Psi
0.118
Db
-20.02
Db
-18.62
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

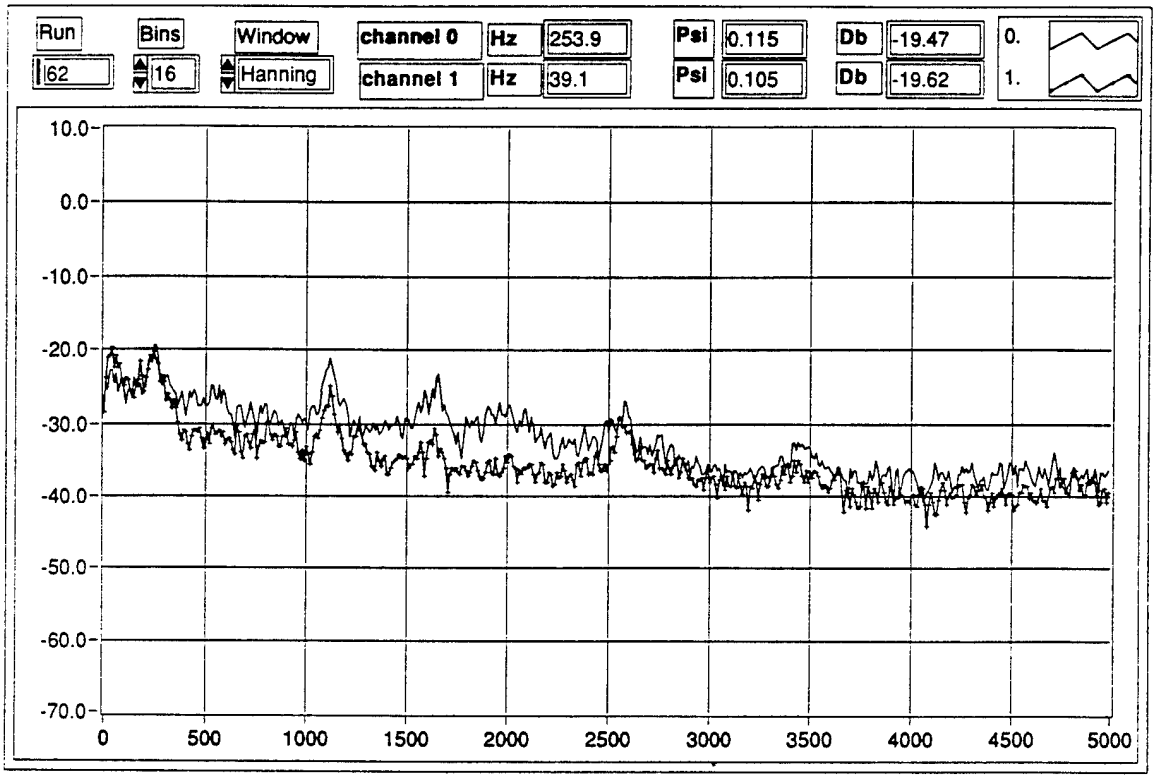
PAN 59


Run
60
Bins
16
Window
Hanning
channel 0
Hz
1025.4
channel 1
Hz
29.3
Psi
0.089
Psi
0.064
Db
-21.67
Db
-23.93
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

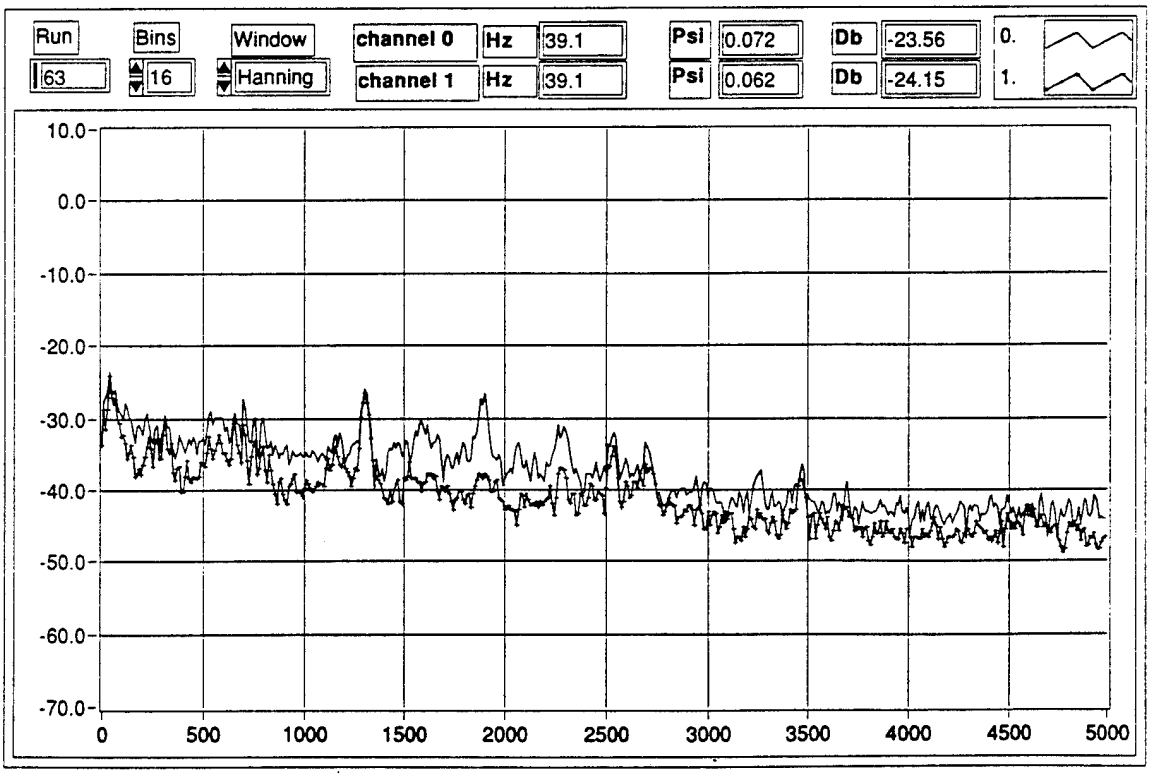
PAN 60


Run
61
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
19.5
Psi
0.106
Psi
0.144
Db
-20.15
Db
-16.84
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

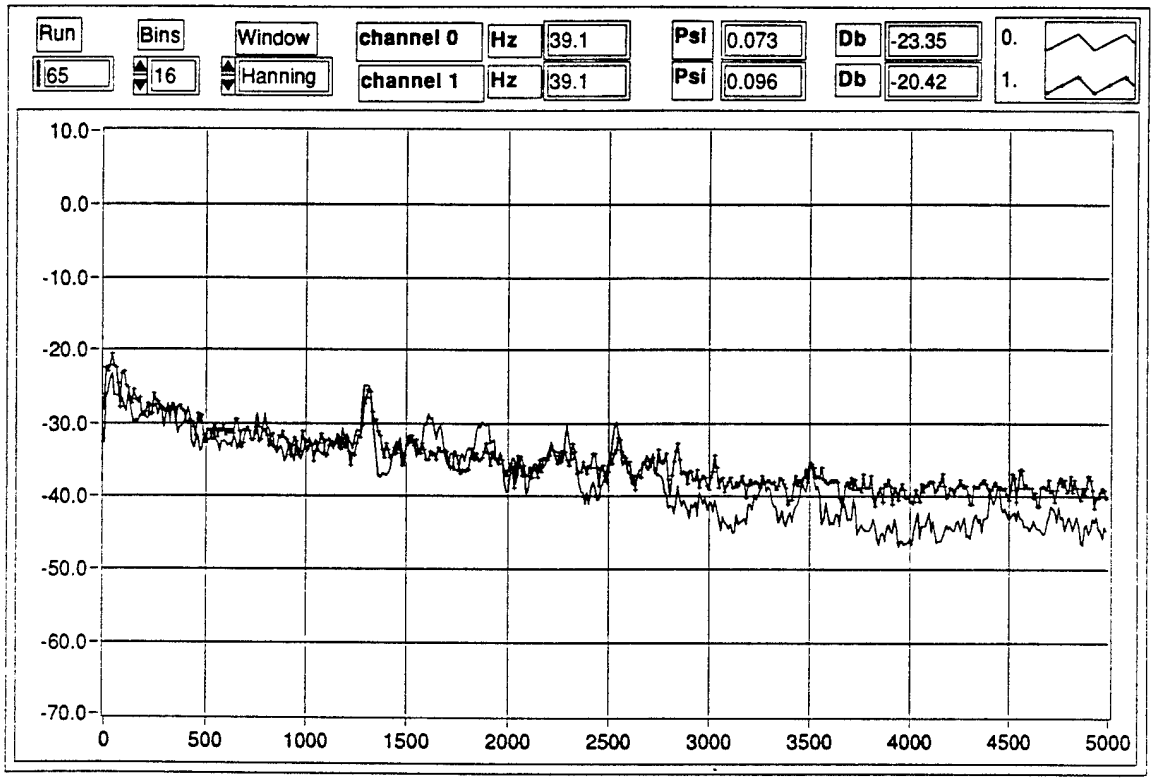
PAN 61


Run
62
Bins
16
Window
Hanning
channel 0
Hz
253.9
channel 1
Hz
39.1
Psi
0.115
Psi
0.105
Db
-19.47
Db
-19.62
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

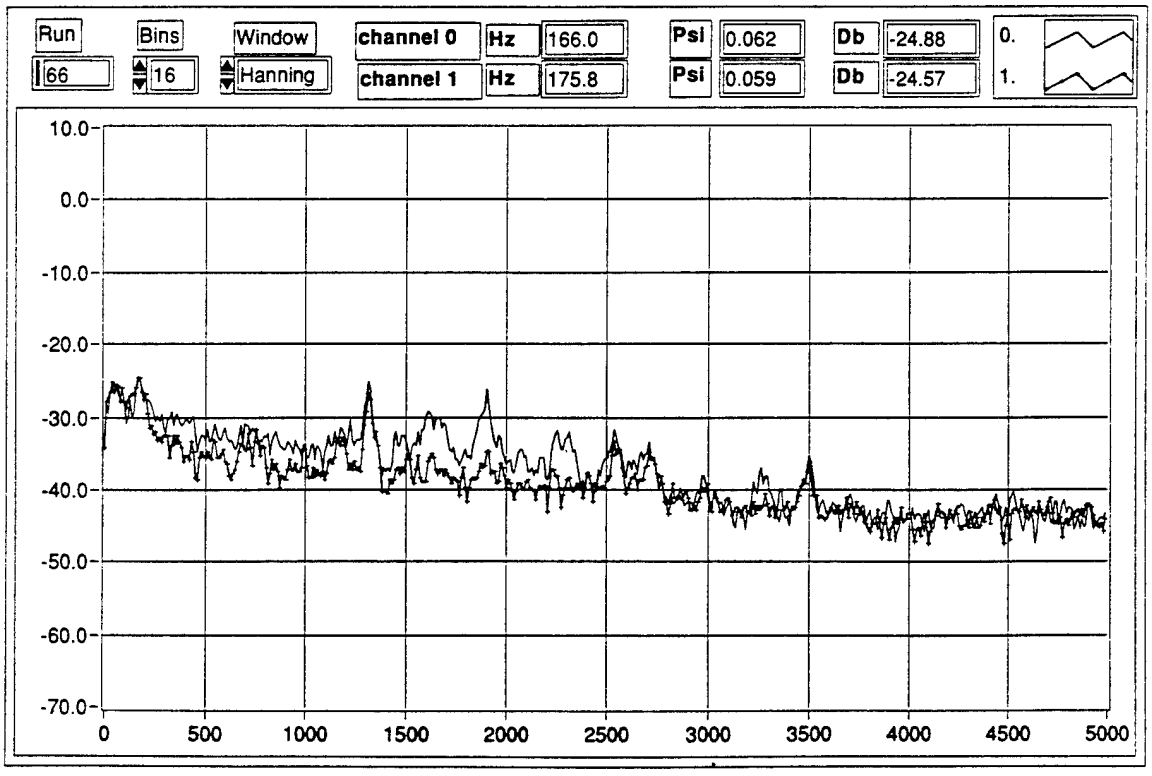
PAN 62


Run
63
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
39.1
Psi
0.072
Psi
0.062
Db
-23.56
Db
-24.15
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

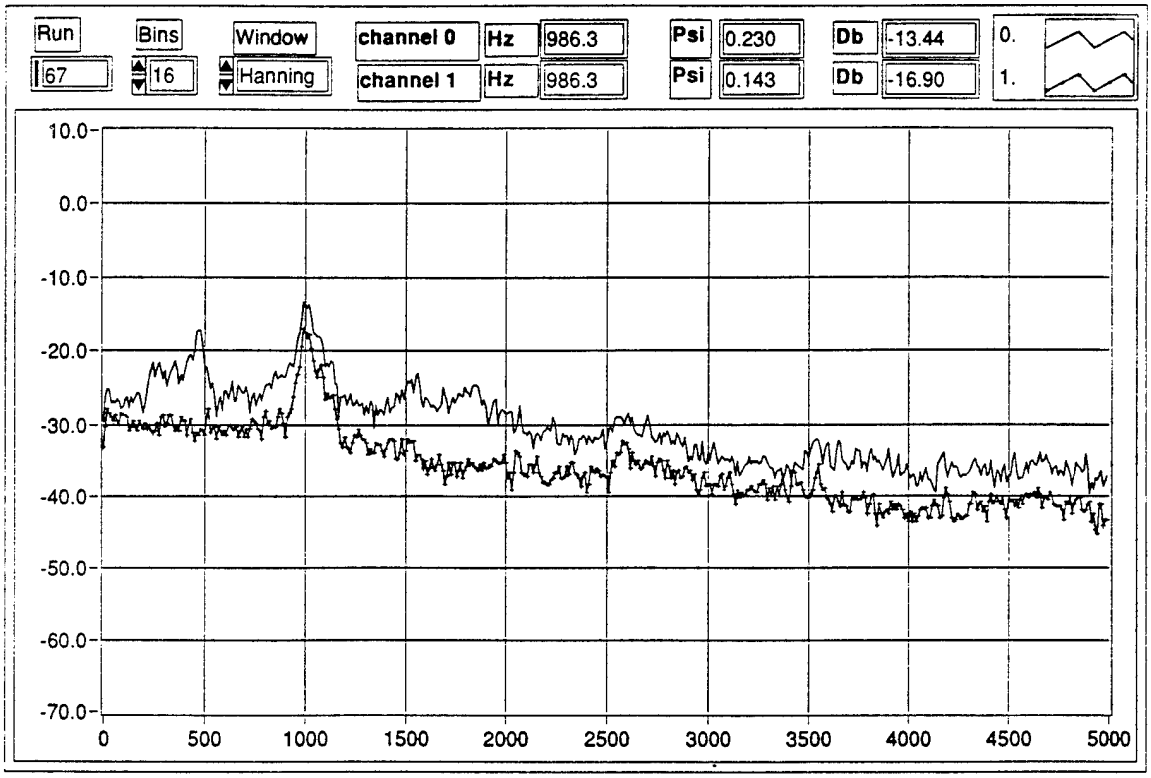
PAN 63


Run
65
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
39.1
Psi
0.073
Psi
0.096
Db
-23.35
Db
-20.42
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

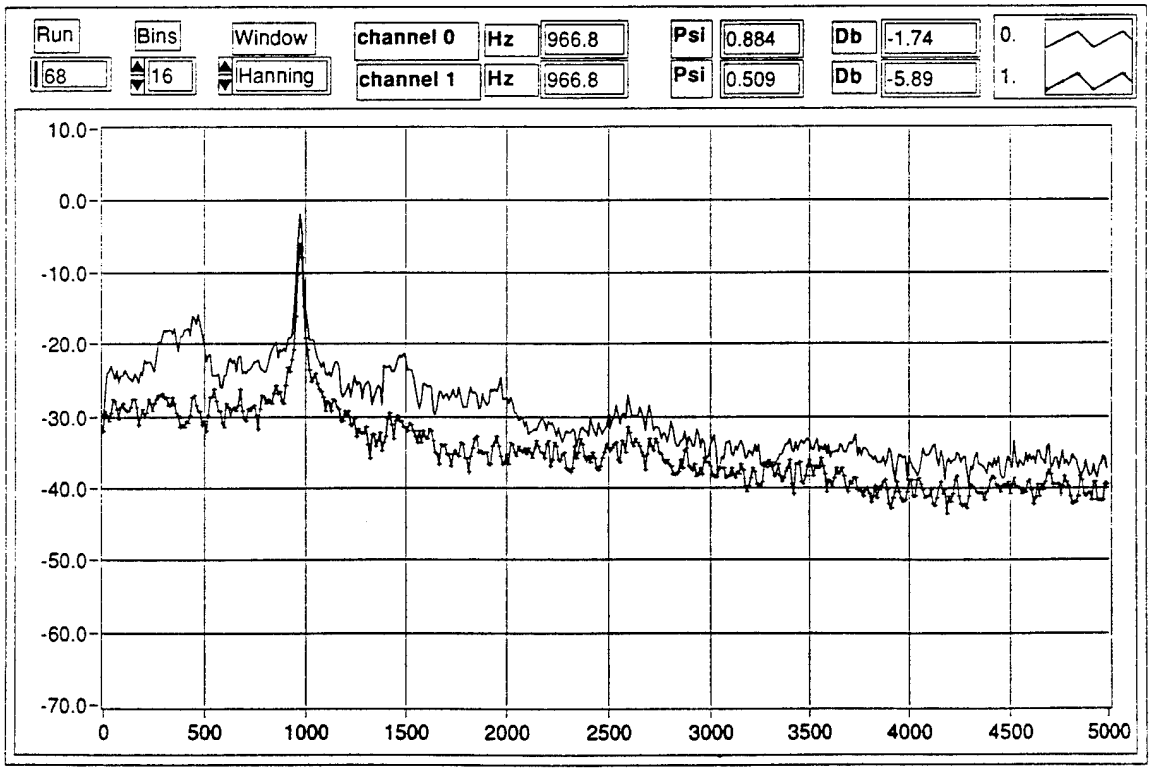
PAN 65


Run
66
Bins
16
Window
Hanning
channel 0
Hz
166.0
channel 1
Hz
175.8
Psi
0.062
Psi
0.059
Db
-24.88
Db
-24.57
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

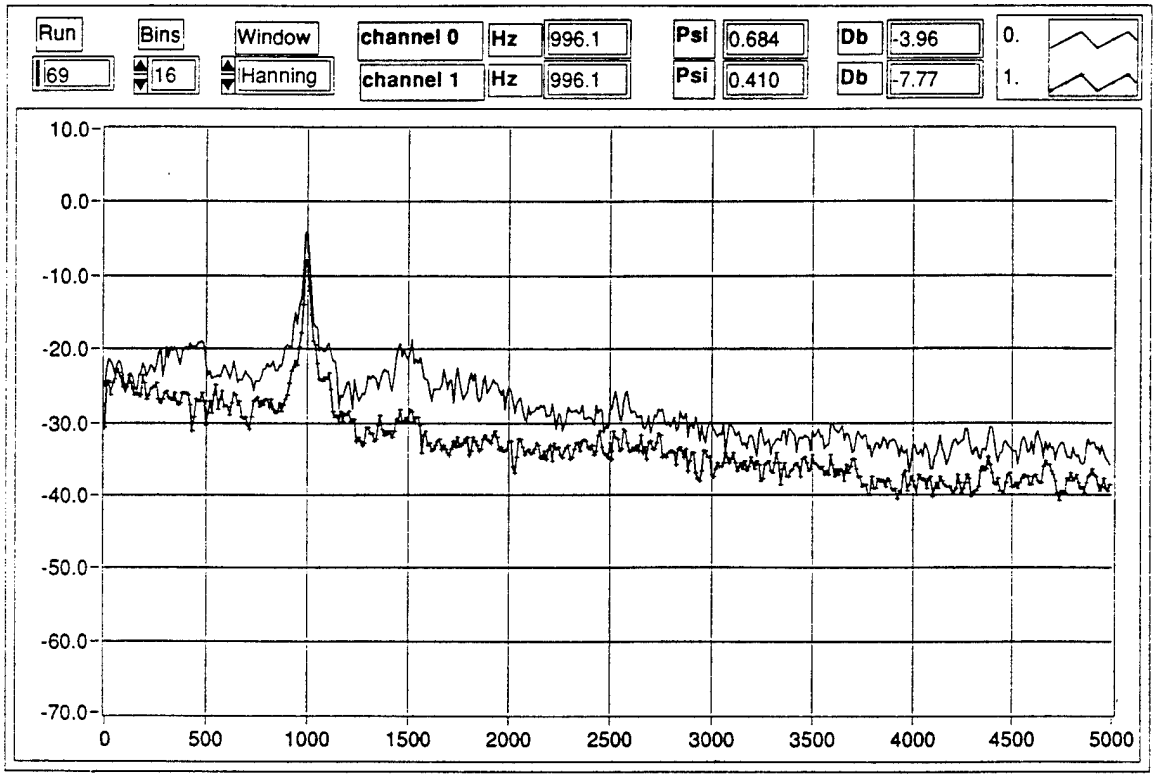
PAN 66


Run
67
Bins
16
Window
Hanning
channel 0
Hz
986.3
channel 1
Hz
986.3
Psi
0.230
Psi
0.143
Db
-13.44
Db
-16.90
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

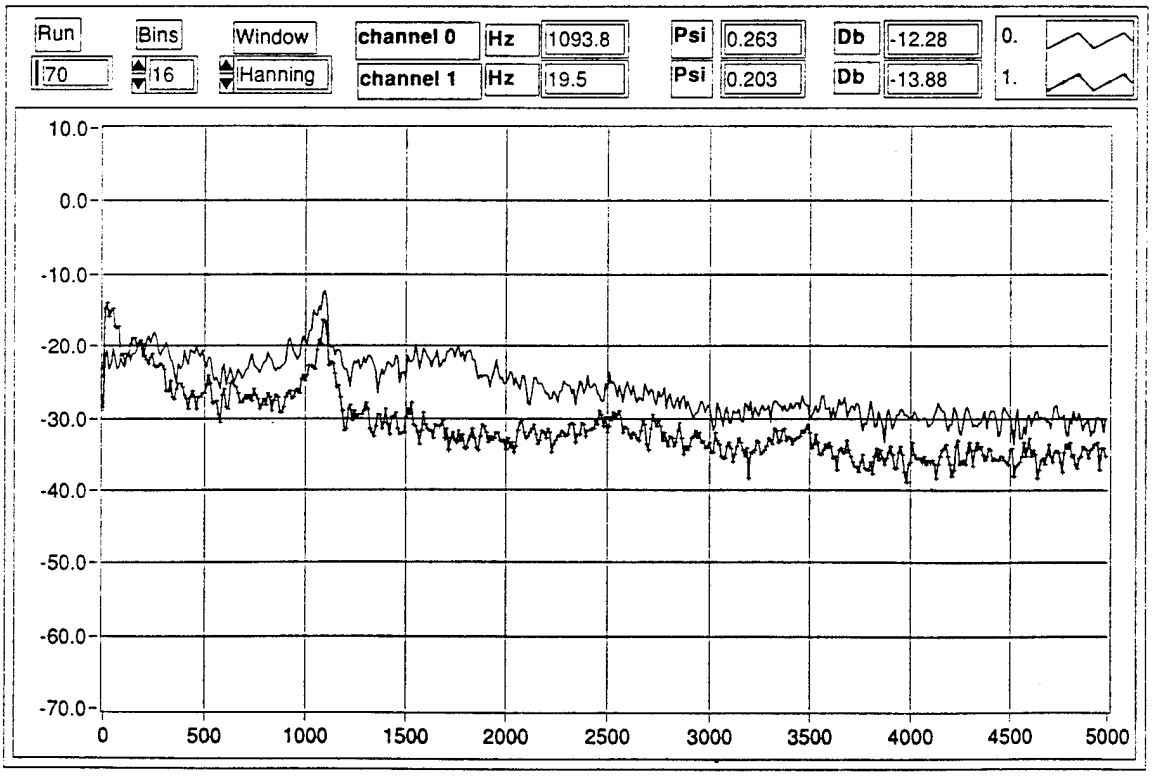
PAN 67


Run
68
Bins
16
Window
Hanning
channel 0
Hz
966.8
channel 1
Hz
966.8
Psi
0.884
Psi
0.509
Db
-1.74
Db
-5.89
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

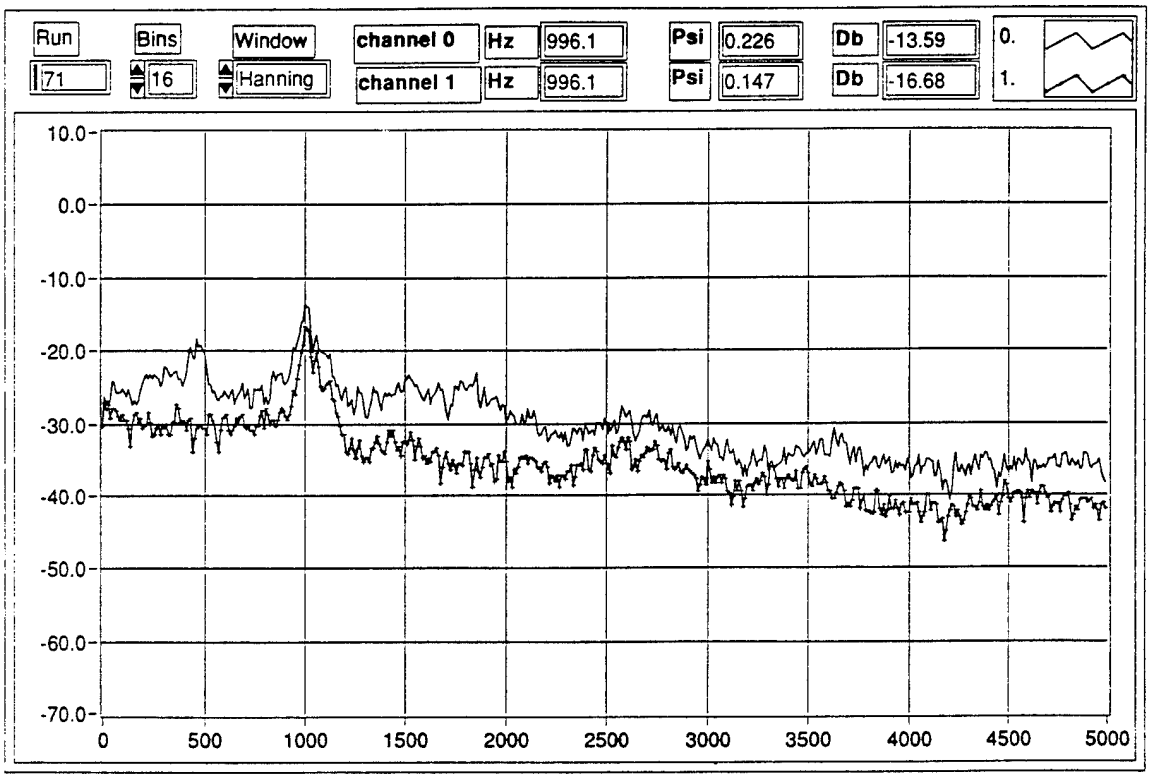
PAN 68


Run
69
Bins
16
Window
Hanning
channel 0
Hz
996.1
channel 1
Hz
996.1
Psi
0.684
Psi
0.410
Db
-3.96
Db
-7.77
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

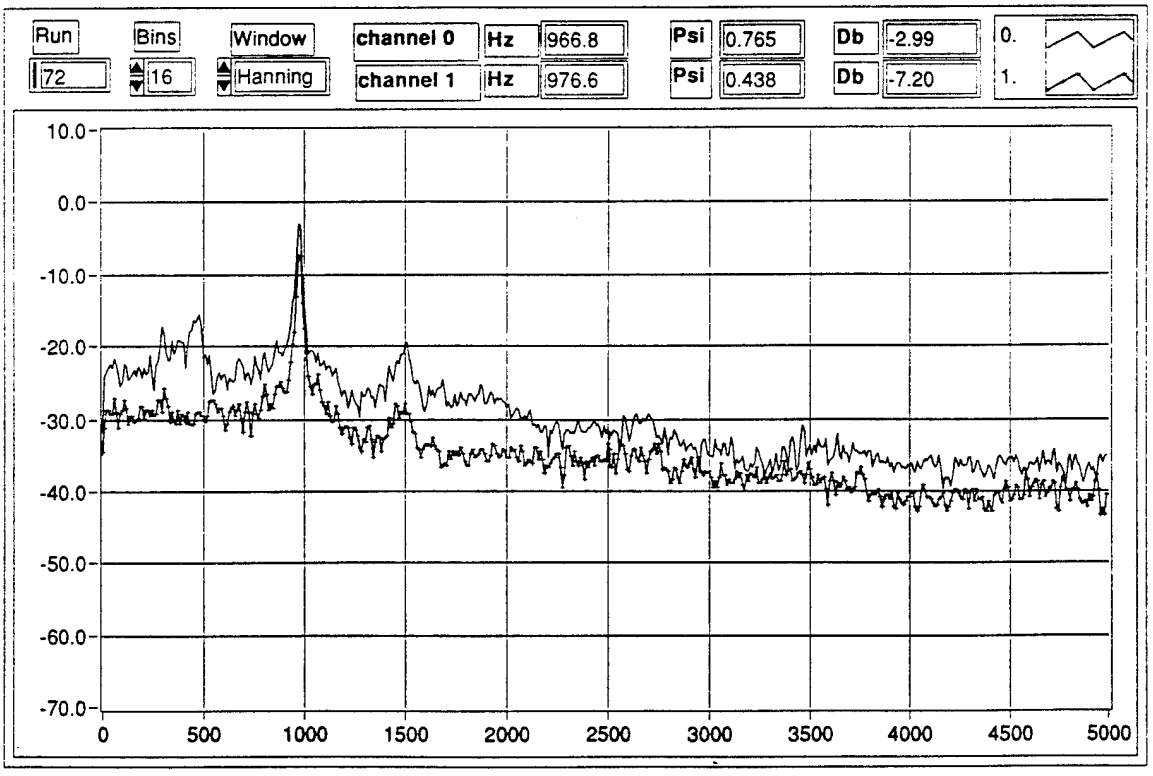
PAN 69


Run
70
Bins
16
Window
Hanning
channel 0
Hz
1093.8
channel 1
Hz
19.5
Psi
0.263
Psi
0.203
Db
-12.28
Db
-13.88
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

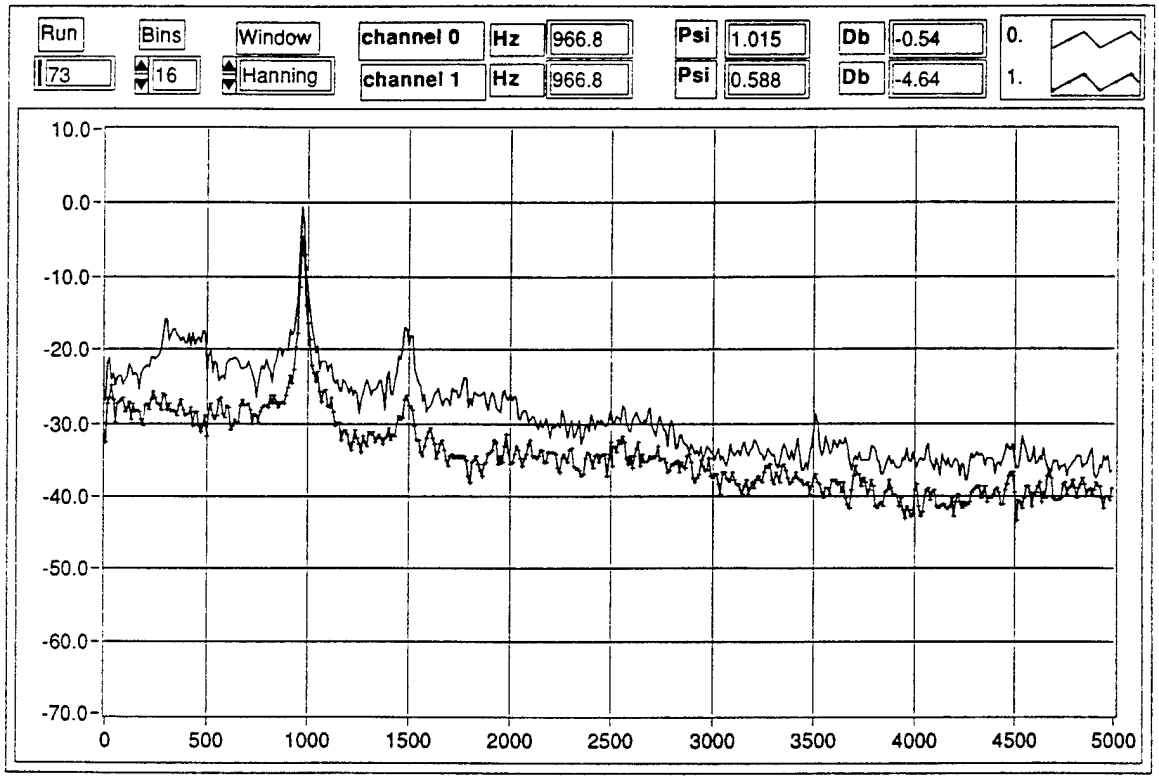
PAN 70


Run
71
Bins
16
Window
Hanning
channel 0
Hz
996.1
channel 1
Hz
996.1
Psi
0.226
Psi
0.147
Db
-13.59
Db
-16.68
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

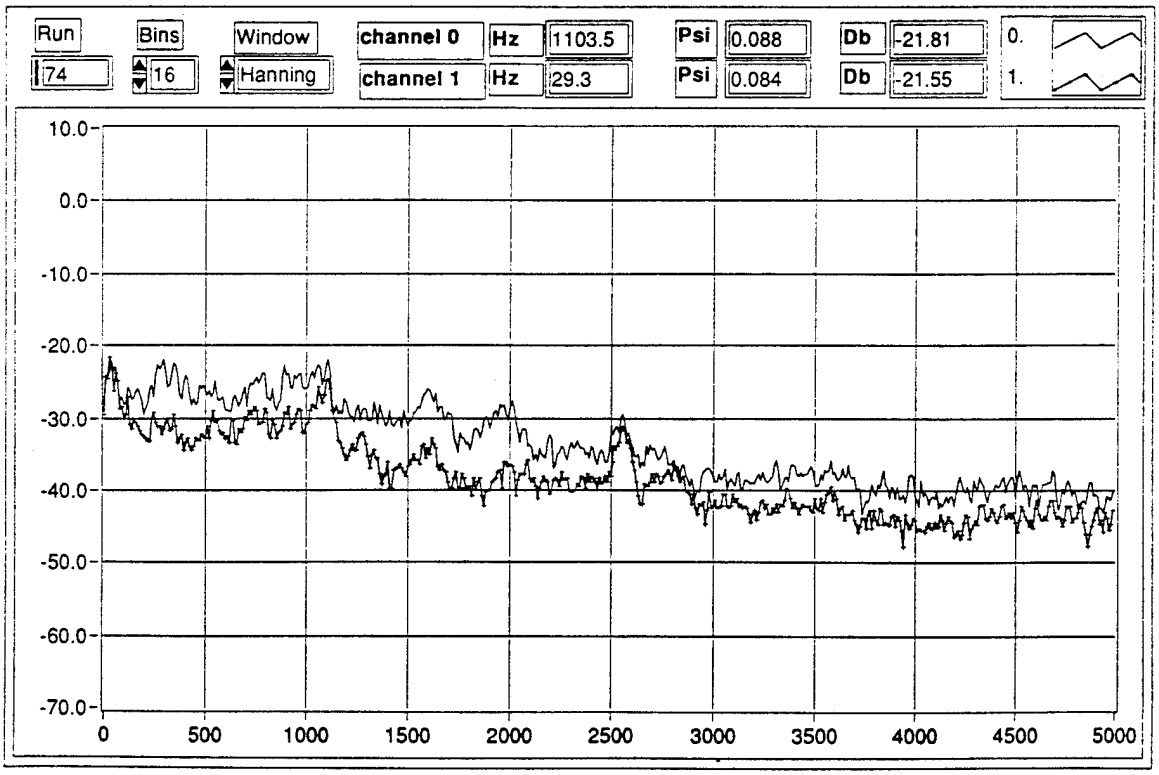
PAN 71


Run
72
Bins
16
Window
Hanning
channel 0
Hz
966.8
channel 1
Hz
976.6
Psi
0.765
Psi
0.438
Db
-2.99
Db
-7.20
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

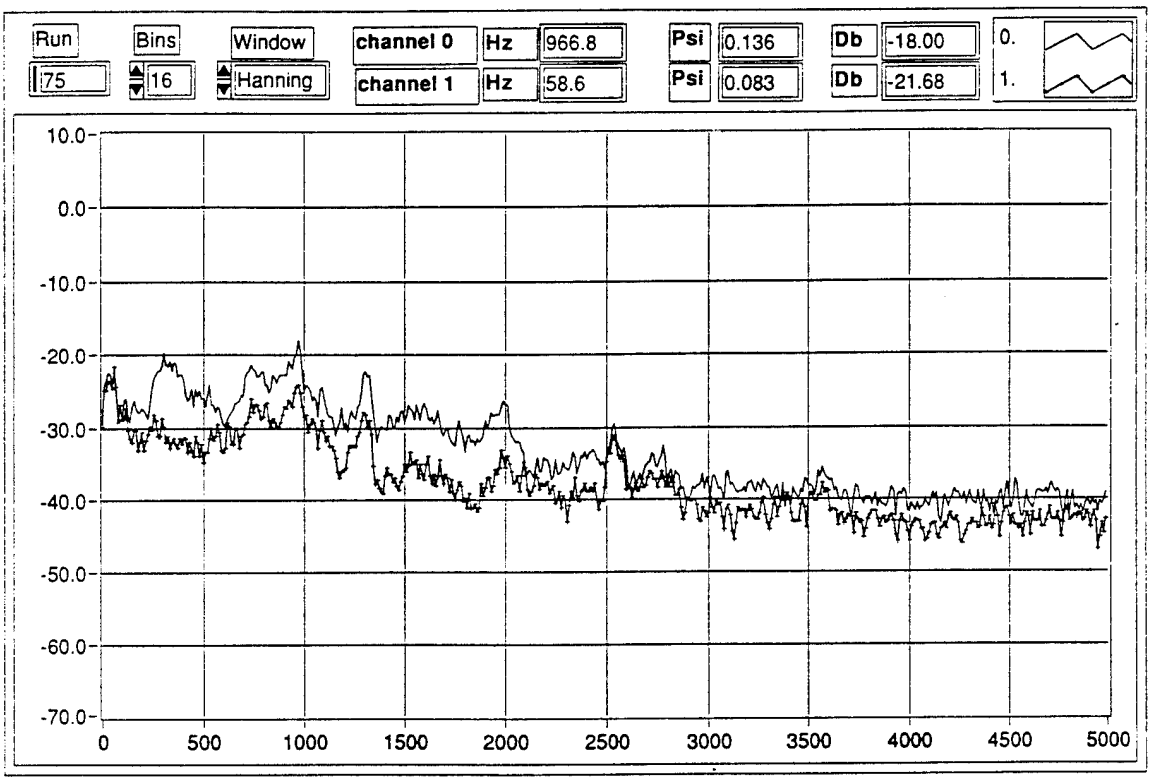
PAN 72


Run
73
Bins
16
Window
Hanning
channel 0
Hz
966.8
channel 1
Hz
966.8
Psi
1.015
Psi
0.588
Db
-0.54
Db
-4.64
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

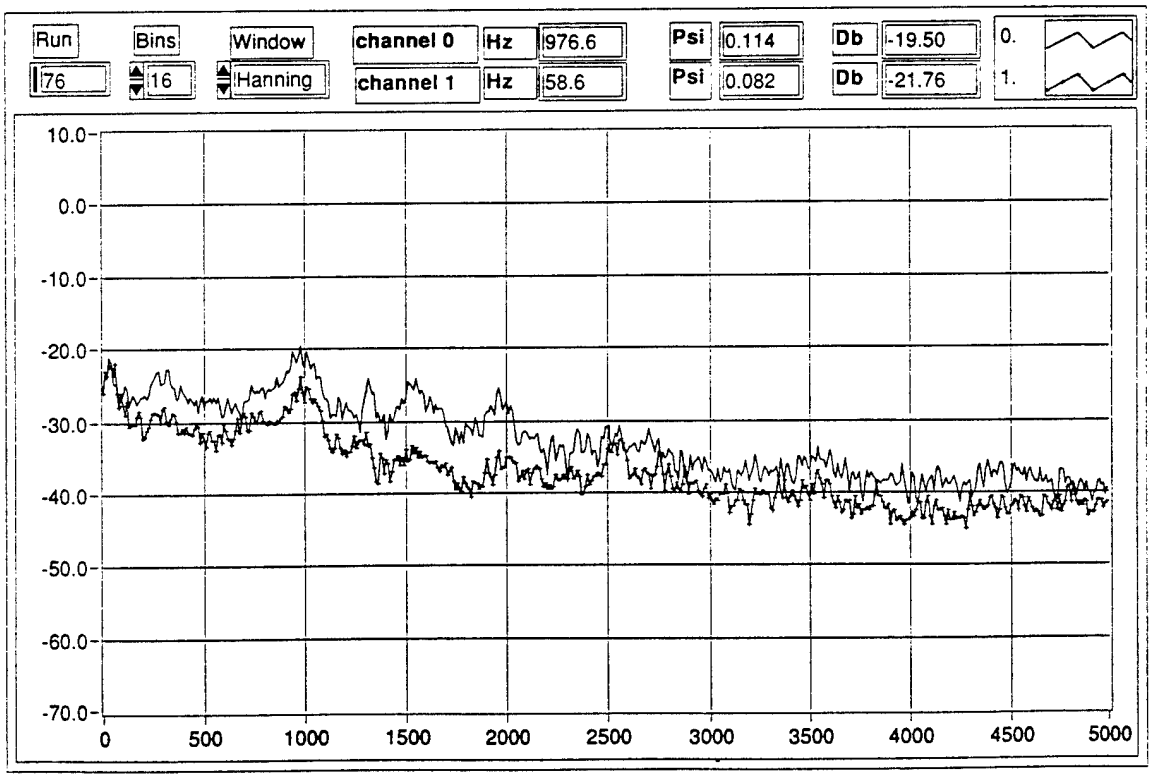
PAN 73


Run
74
Bins
16
Window
Hanning
channel 0
Hz
1103.5
channel 1
Hz
29.3
Psi
0.088
Psi
0.084
Db
-21.81
Db
-21.55
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

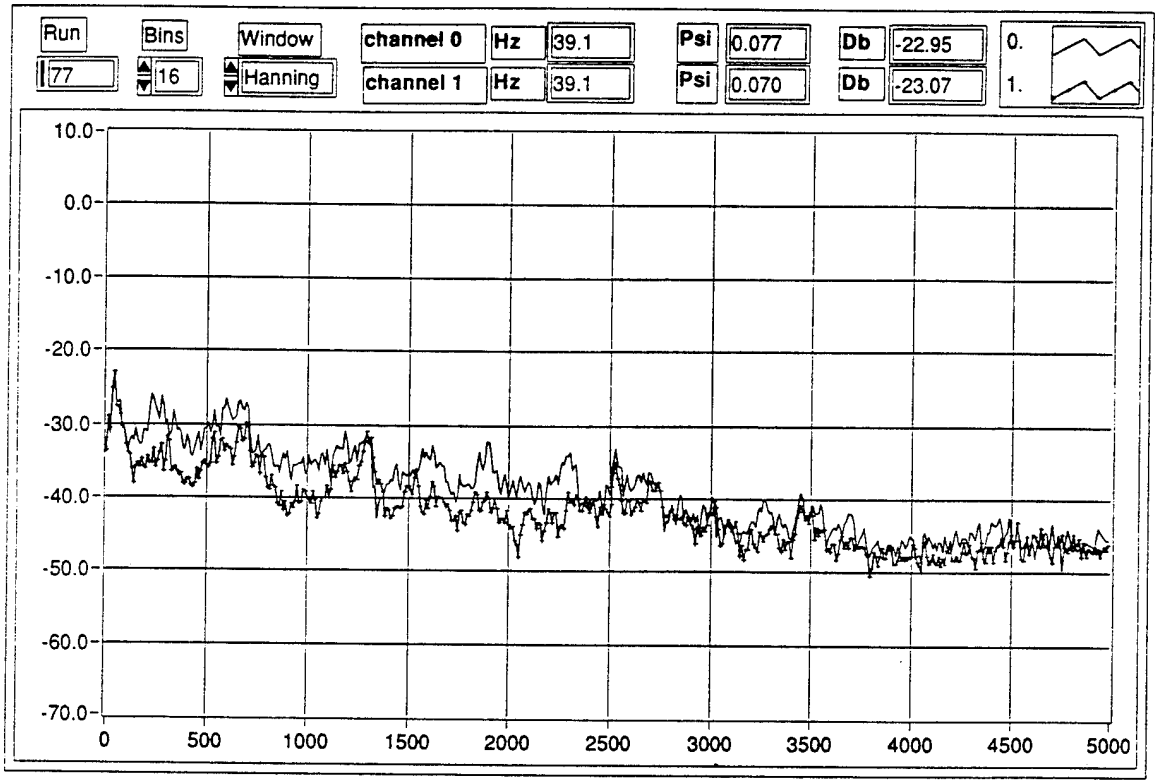
PAN 74


Run
75
Bins
16
Window
Hanning
channel 0
Hz
966.8
channel 1
Hz
58.6
Psi
0.136
Psi
0.083
Db
-18.00
Db
-21.68
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

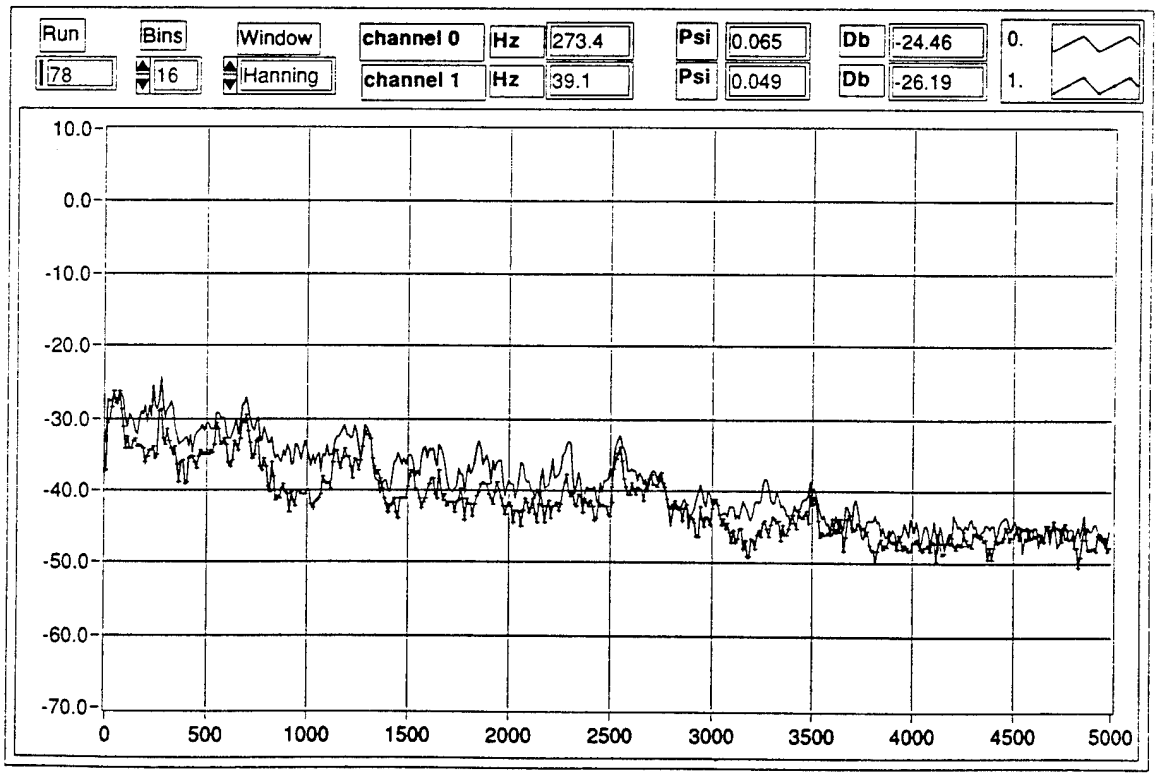
PAN 75


Run
76
Bins
16
Window
Hanning
channel 0
Hz
976.6
channel 1
Hz
58.6
Psi
0.114
Psi
0.082
Db
-19.50
Db
-21.76
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

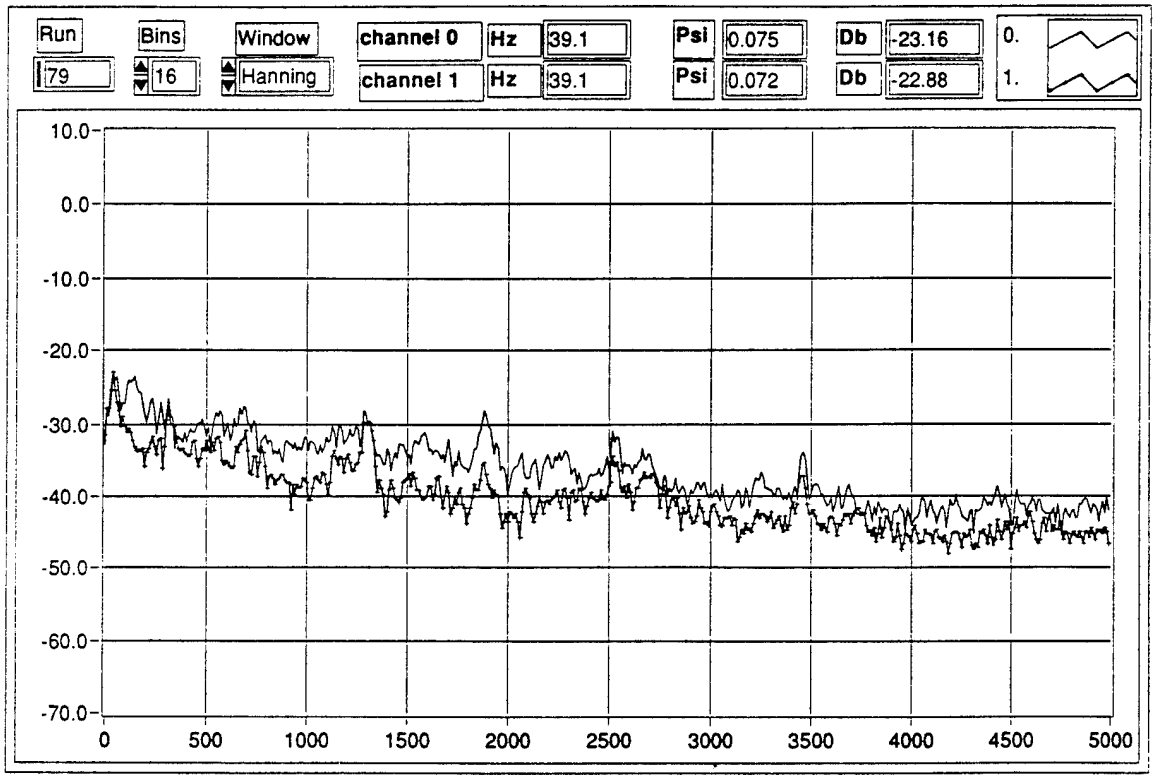
PAN 76


Run
77
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
39.1
Psi
0.077
Psi
0.070
Db
-22.95
Db
-23.07
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

PAN 77


Run
78
Bins
16
Window
Hanning
channel 0
Hz
273.4
channel 1
Hz
39.1
Psi
0.065
Psi
0.049
Db
-24.46
Db
-26.19
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

PAN 78


Run
79
Bins
16
Window
Hanning
channel 0
Hz
39.1
channel 1
Hz
39.1
Psi
0.075
Psi
0.072
Db
-23.16
Db
-22.88
0.
1.
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

PAN 79