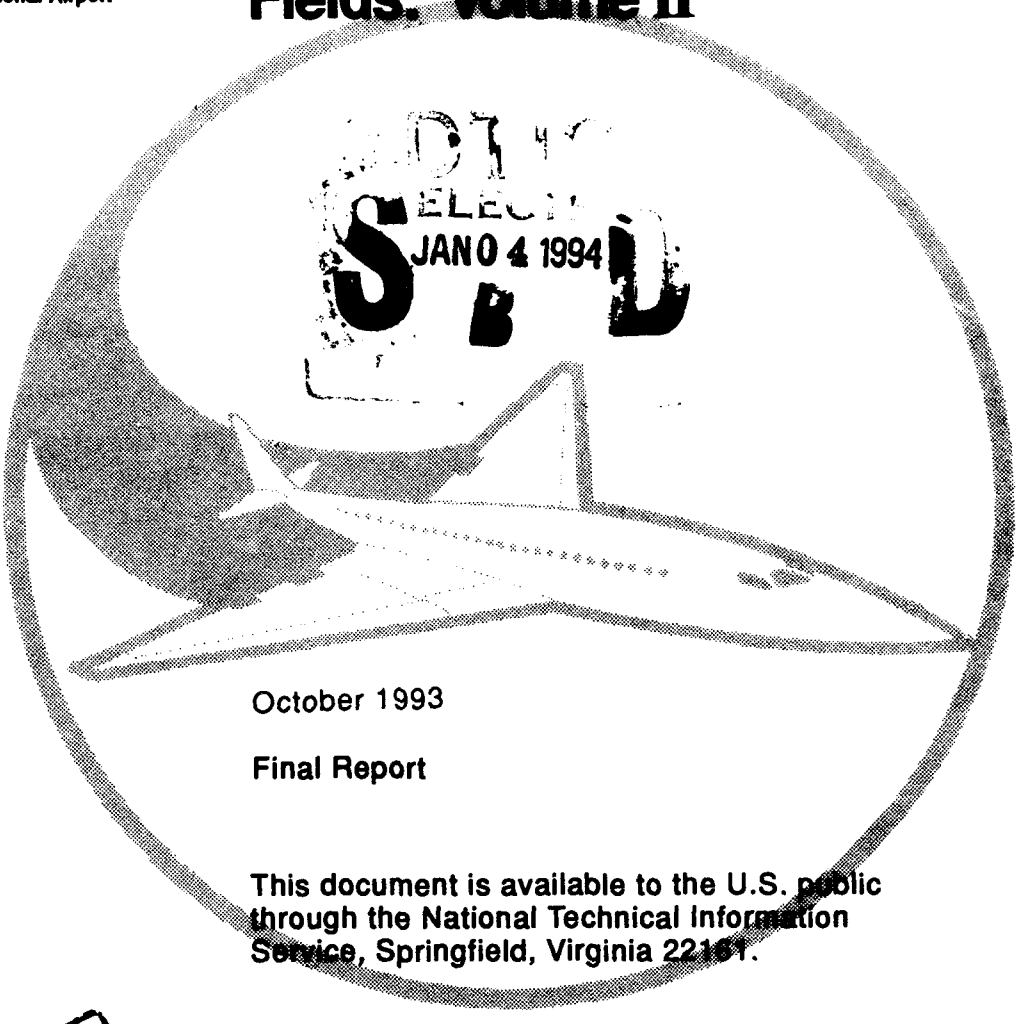
DOT/FAA/CT-93/5-II

FAA Technical Center
Atlantic City International Airport
N.J. 08405

S-76 High Intensity Radiated Fields: Volume II



October 1993

Final Report

U.S. Department of Transportation
Federal Aviation Administration

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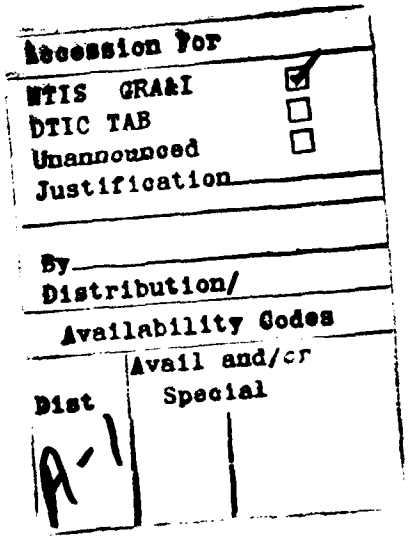

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15. Supplementary Notes

FAA Project Manager: Michael Glynn * Volume II of III

16. Abstract

The Federal Aviation Administration (FAA) Technical Center sponsored a series of High Intensity Radiated Fields (HIRF) test on a Sikorsky S-76 rotorcraft. The project was conducted to evaluate the practically of performing aircraft level HIRF tests, determine the effects of HIRF on a specific rotrocraft with the potential to obtain information on rotorcraft in general, and evaluate the effects of exposure to "real world" HIRF emitters.

HIRF ground and flight tests were conducted to achieve the objective of the project. Site calibration (SCAL) measurements were made in the test area to determine the levels at which the S-76 would be irradiated when placed in the test area. Ground tests consisted of Low Level Swept Coupling (LLSC) and Low Level Swept Fields (LLSF) tests. The flight tests were flown directly into the main beam of a variety of pulsed and continuous wave (CW) transmitters including the Over the Horizon Back Scatter (OTHB), PAVE PAWS, ASR-9, FPS-65, and FPS-16 radars. Results of the S-76 tests added credibility to the existence of HIRF as a flight safety hazard. In the evaluation of the emitters, the flight tests showed repeatable instances where exposure resulted in instrumentation disruptions. It should however be noted that all the observed disruptions were of a non-critical nature.

17. Key Words	18. Distribution Statement
HIRF Electromagnetic Fields LLSC Helicopter	Document is available to the public through the National Technical Information Service, Springfield, Virginia 22161

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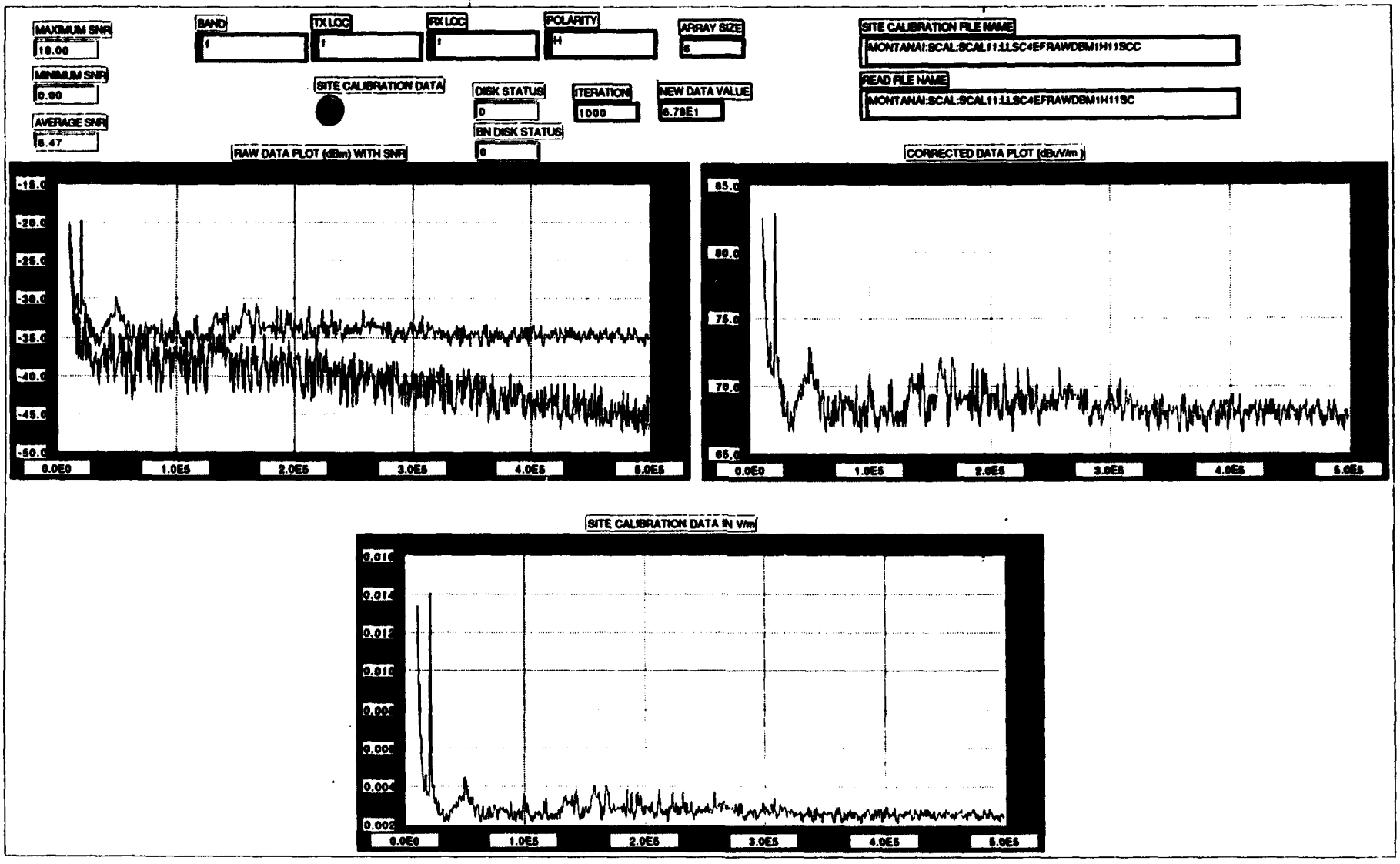
SECTION 1

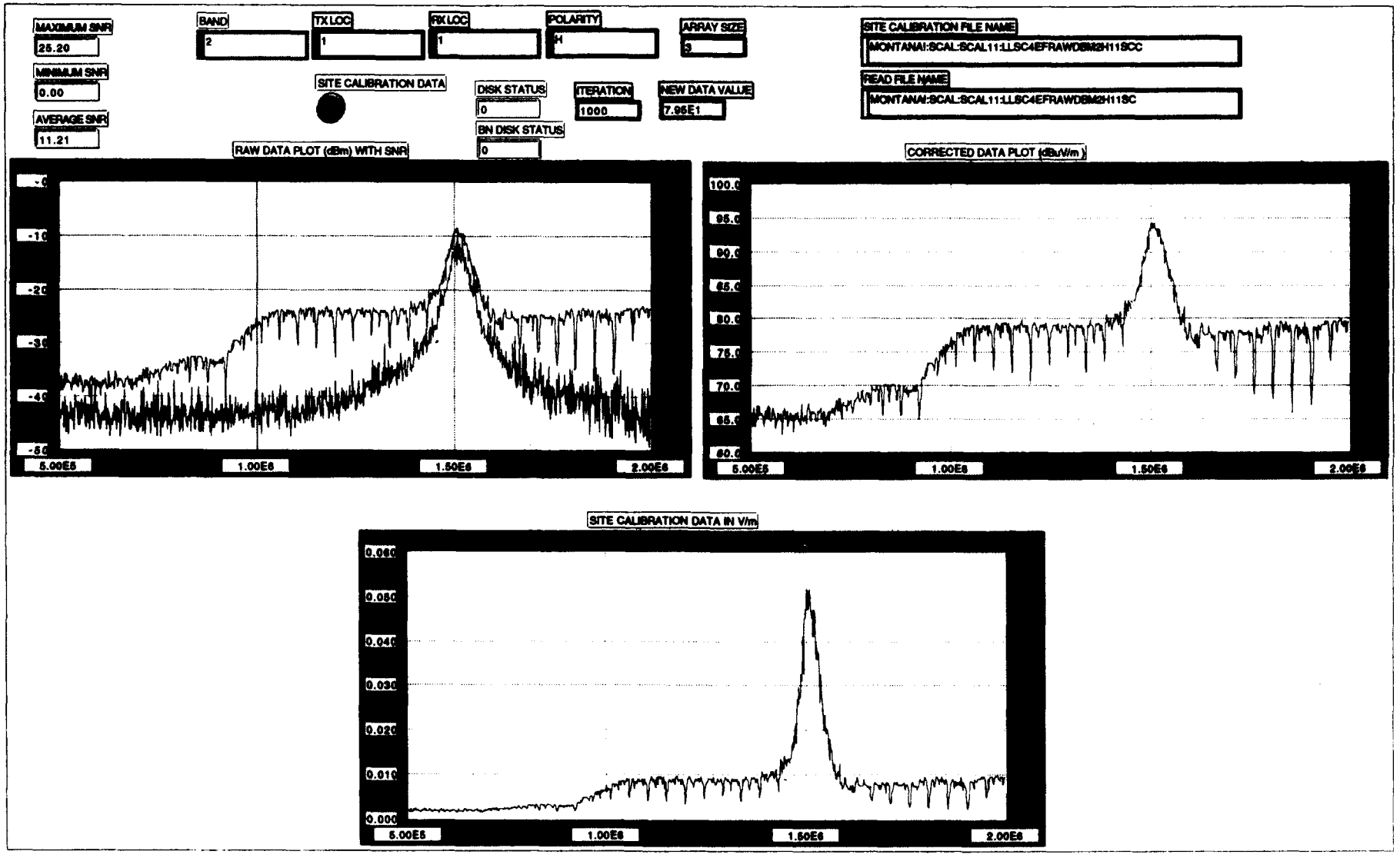
SCAL DATA PLOT DESCRIPTION

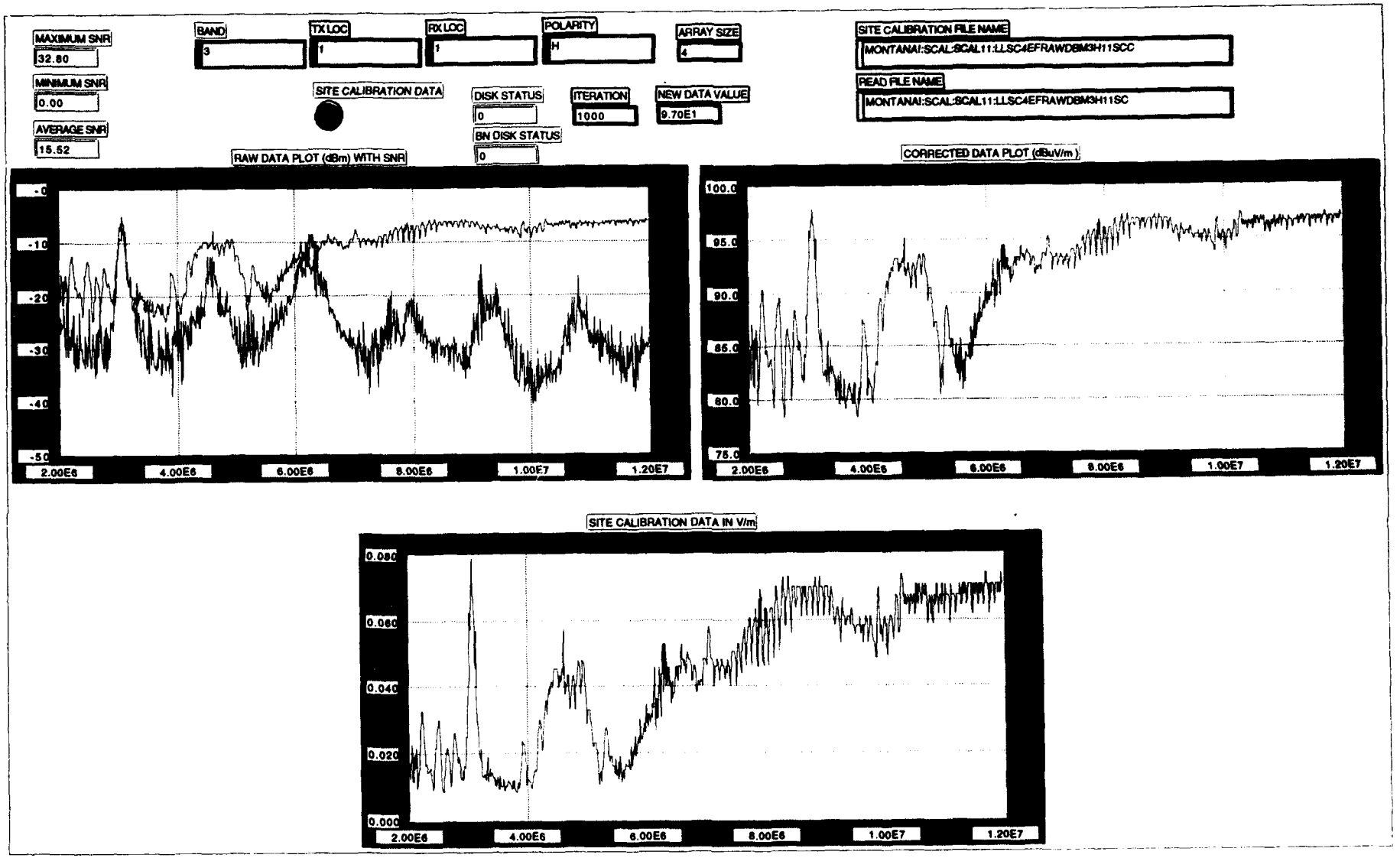
The SCAL data plots (sample on the following page) each contain the following information:

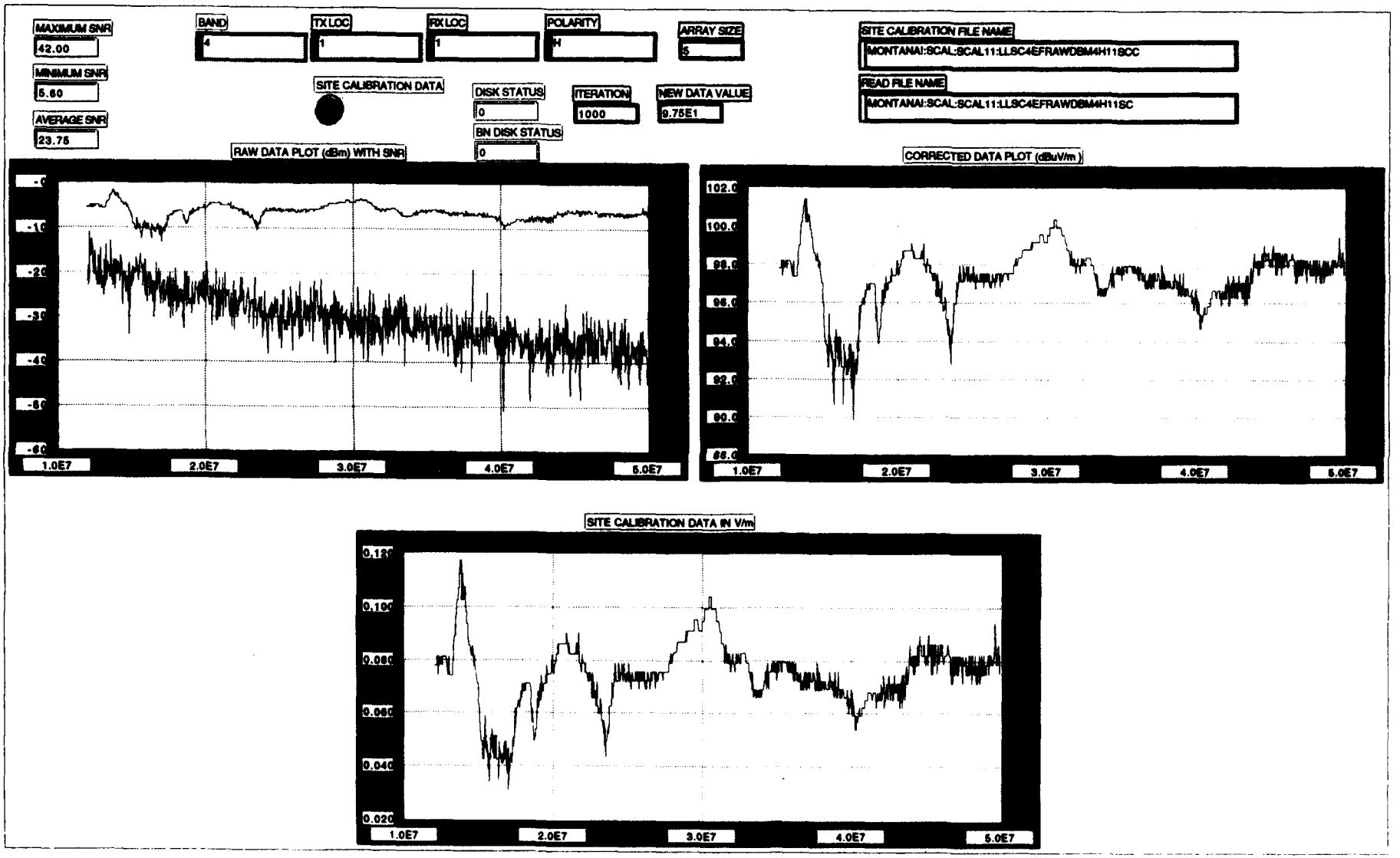
- Band number identification (Band)
- S-76 orientation during the test (TXLOC)
- SCAL test set number (RXLOC)
- Transmit Antennae Polarity (POLARITY)
- Full threat data array size (ARRAY SIZE - used internally by software application to process the data)
- Name of the corrected SCAL data file
- Data type indicator (if black indicates plot is E-Field data)
- SCAL data type indicator (if black indicated plot is SCAL data)
- Disk read error indicator (DISK STATUS)
- Single corrected data value (NEW DATA VALUE - used internally by software application to process data)
- Original uncorrected SCAL data file name (READ FILE NAME)
- Original SCAL Data Plot in dBm with background noise overlay (RAW DATA PLOT (dBm) WITH SNR)
- Corrected data plot in dBuV/m (CORRECTED DATA PLOT dBuV/m OR dBuA)
- SCAL processed data plot with values in V/m (SITE CALIBRATION DATA IN V/m or A)

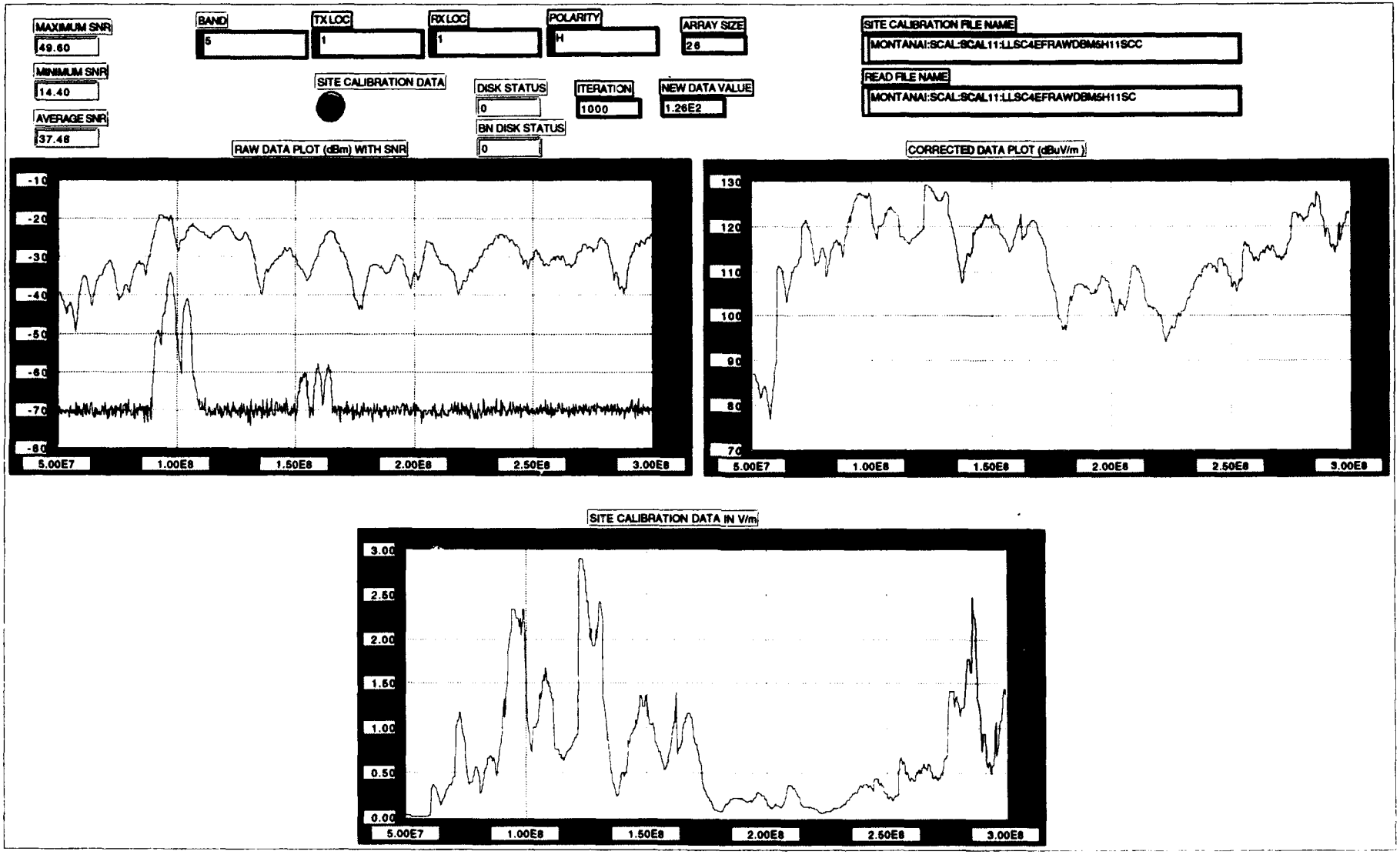
SECTION 1-1
SCAL SET ONE DATA PLOTS

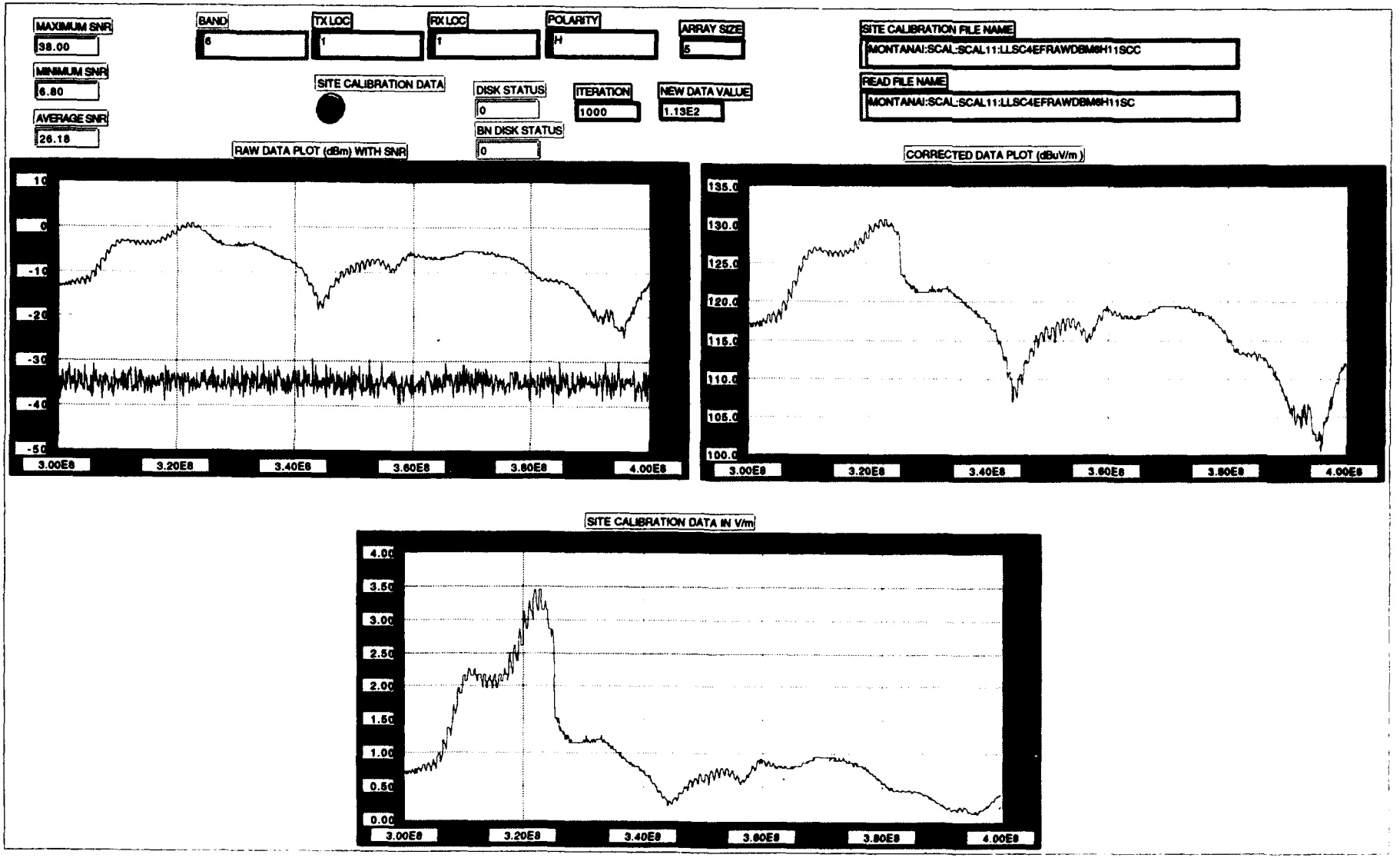

MAXIMUM SNR
18.00
MINIMUM SNR
0.00
AVERAGE SNR
6.47
BAND
1
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
6.78E1
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LSC4EFRAWDBM1H11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LSC4EFRAWDBM1H11SC
RAW DATA PLOT (dBm) WITH SNR
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
CORRECTED DATA PLOT (dBuV/m)
85.0
80.0
75.0
70.0
65.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION DATA IN V/m
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

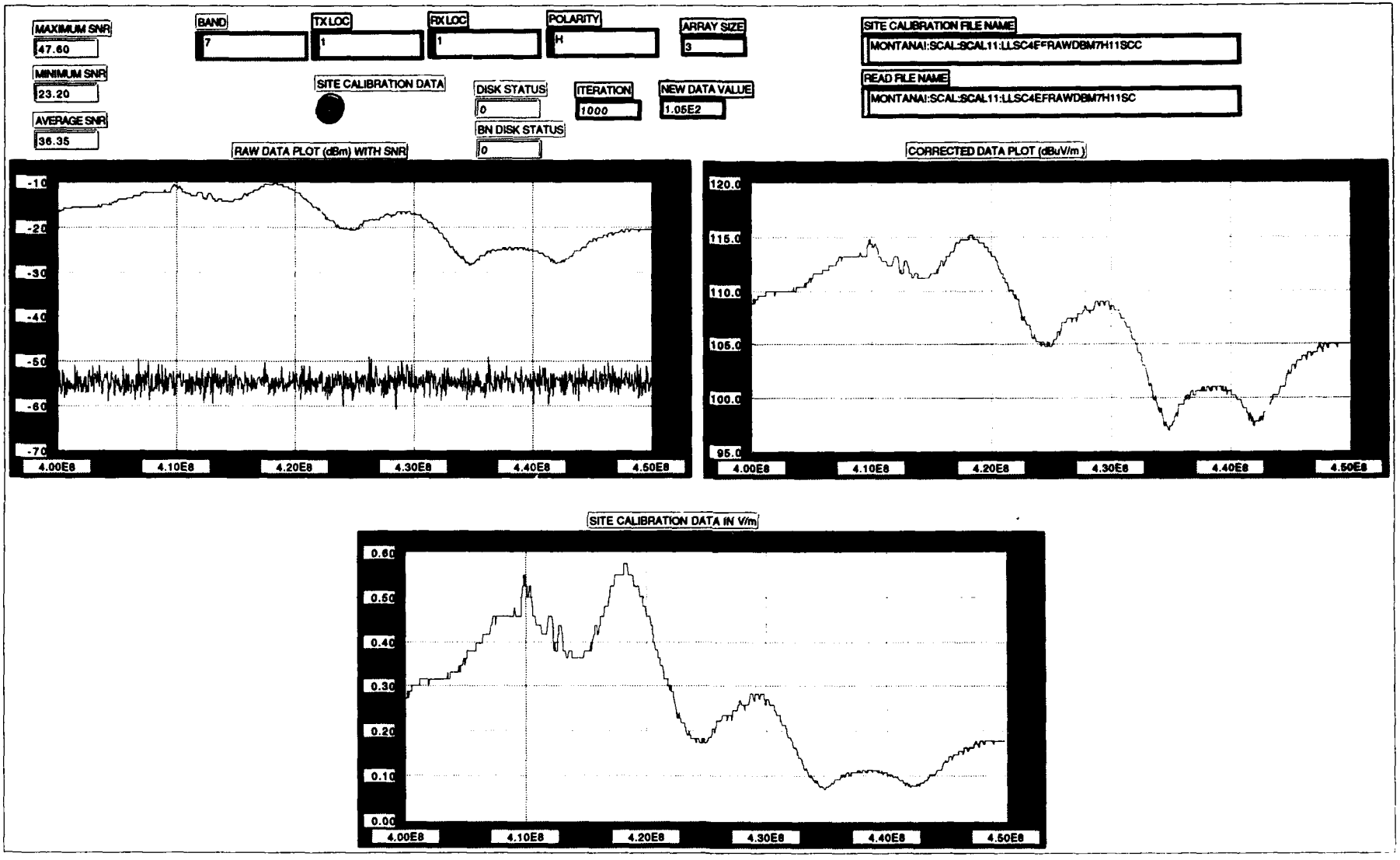

MAXIMUM SNR
25.20
MINIMUM SNR
0.00
AVERAGE SNR
11.21
BAND
2
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.95E1
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM2H119CC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM2H119C
RAW DATA PLOT (dBm) WITH SNR
5.00E5
1.00E6
1.50E6
2.00E6
CORRECTED DATA PLOT (dBuV/m)
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION DATA IN V/m
5.00E5
1.00E6
1.50E6
2.00E6

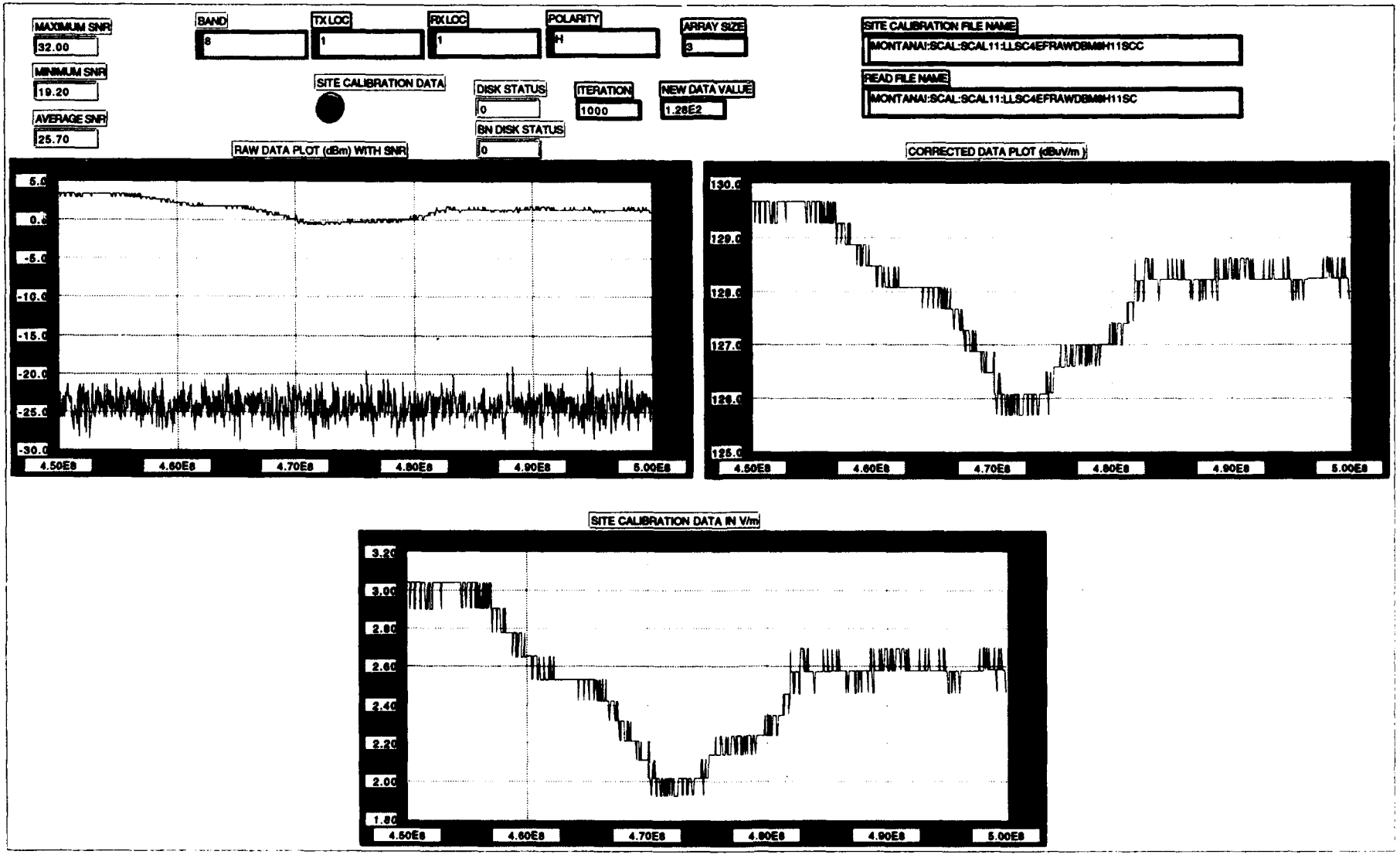

MAXIMUM SNR
32.80
MINIMUM SNR
0.00
AVERAGE SNR
15.52
BAND
3
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
4
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.70E1
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LSC4EFRAWDBM3H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LSC4EFRAWDBM3H11SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
CORRECTED DATA PLOT (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION DATA IN V/m
0.080
0.060
0.040
0.020
0.000
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7

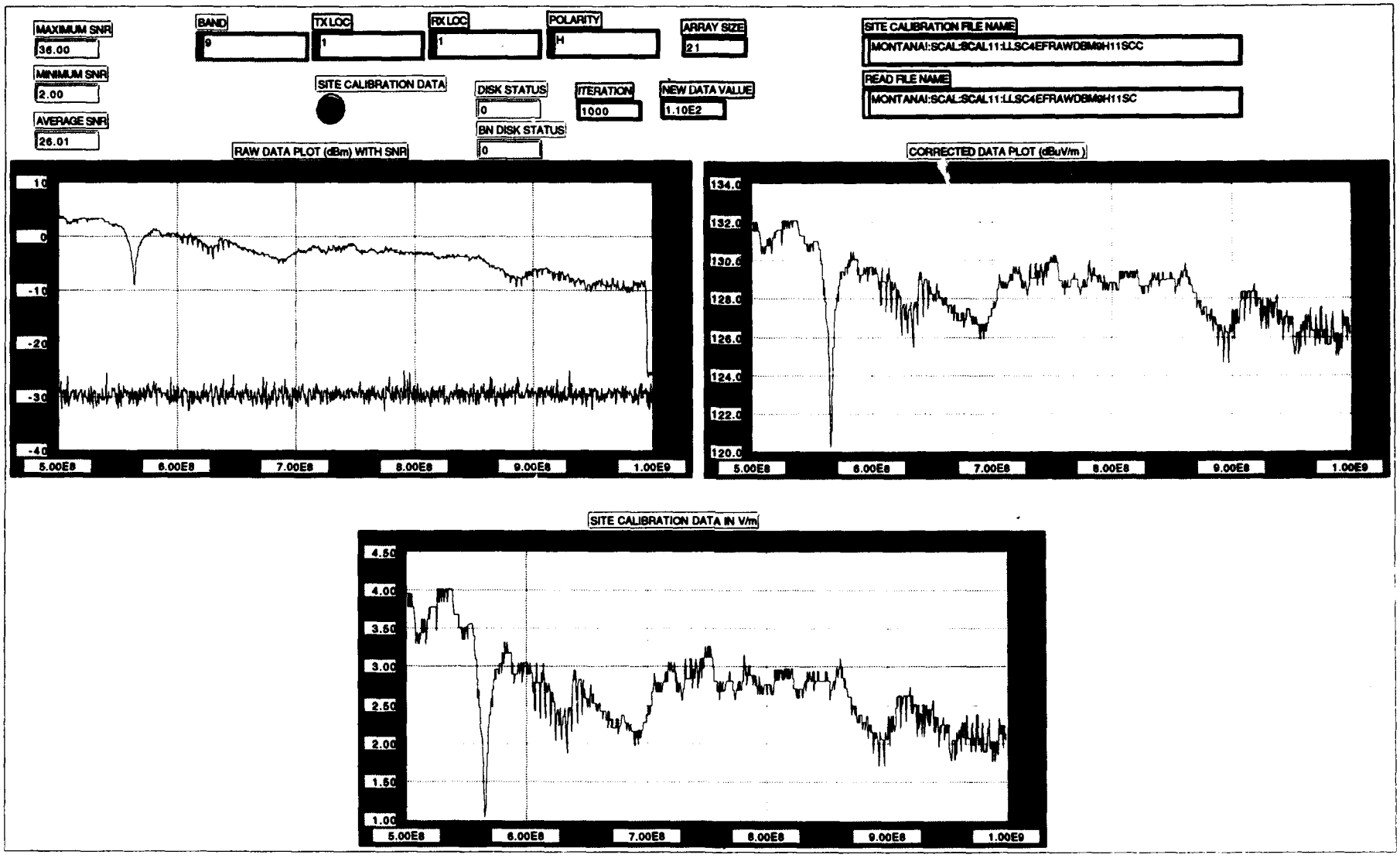

MAXIMUM SNR
42.00
MINIMUM SNR
5.60
AVERAGE SNR
23.75
BAND
4
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.75E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM4H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM4H11SC
RAW DATA PLOT (dBm) WITH SNR
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
CORRECTED DATA PLOT (dBuV/m)
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION DATA IN V/m
0.100
0.040
0.020
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7

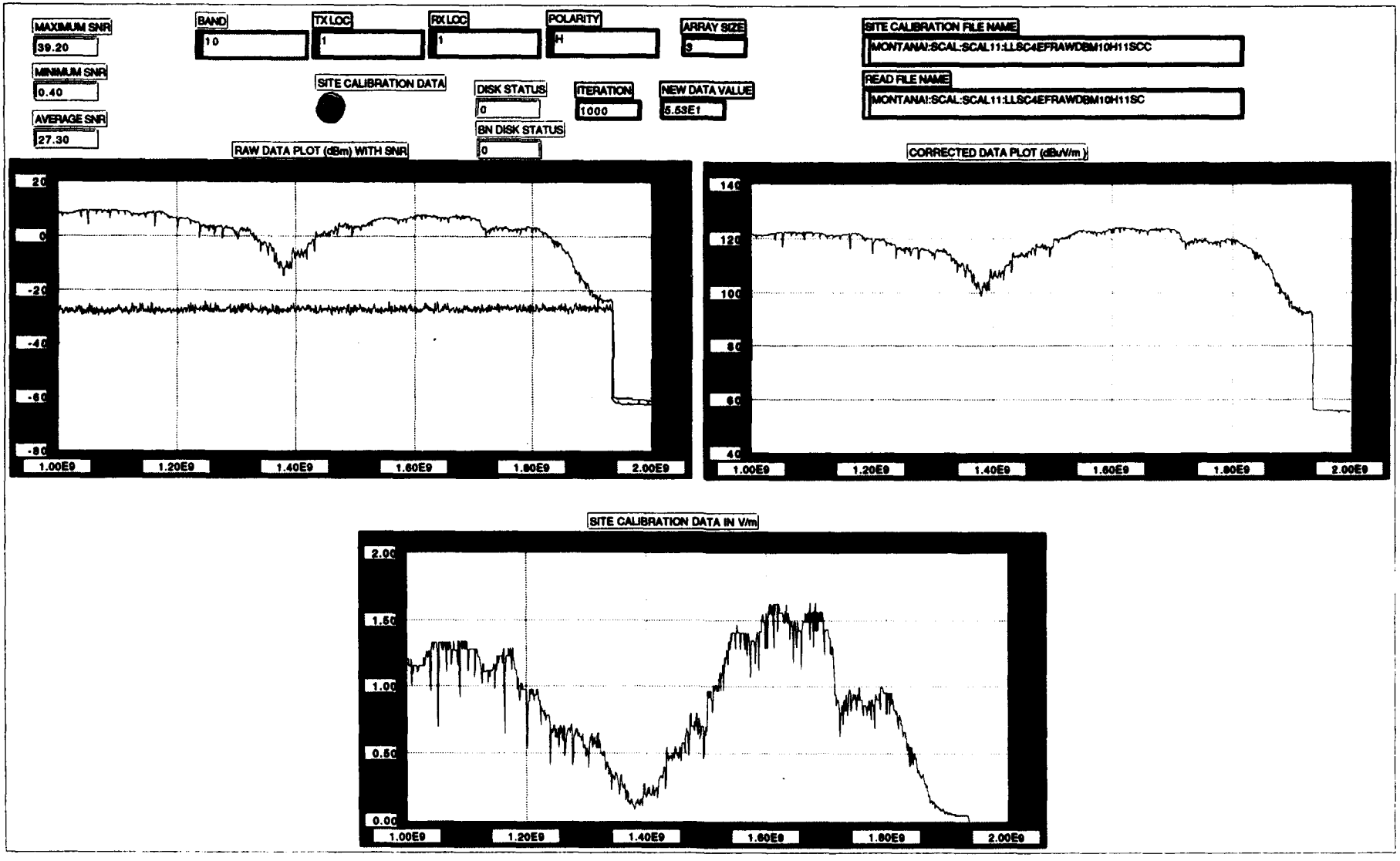

MAXIMUM SNR
49.60
MINIMUM SNR
14.40
AVERAGE SNR
37.46
BAND
5
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
26
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.26E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM5H11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM5H11SC
RAW DATA PLOT (dBm) WITH SNR
-10
-20
-30
-40
-50
-60
-70
-80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
CORRECTED DATA PLOT (dBuV/m)
130
120
110
100
90
80
70
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION DATA IN V/m
3.00
2.50
2.00
1.50
1.00
0.50
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8

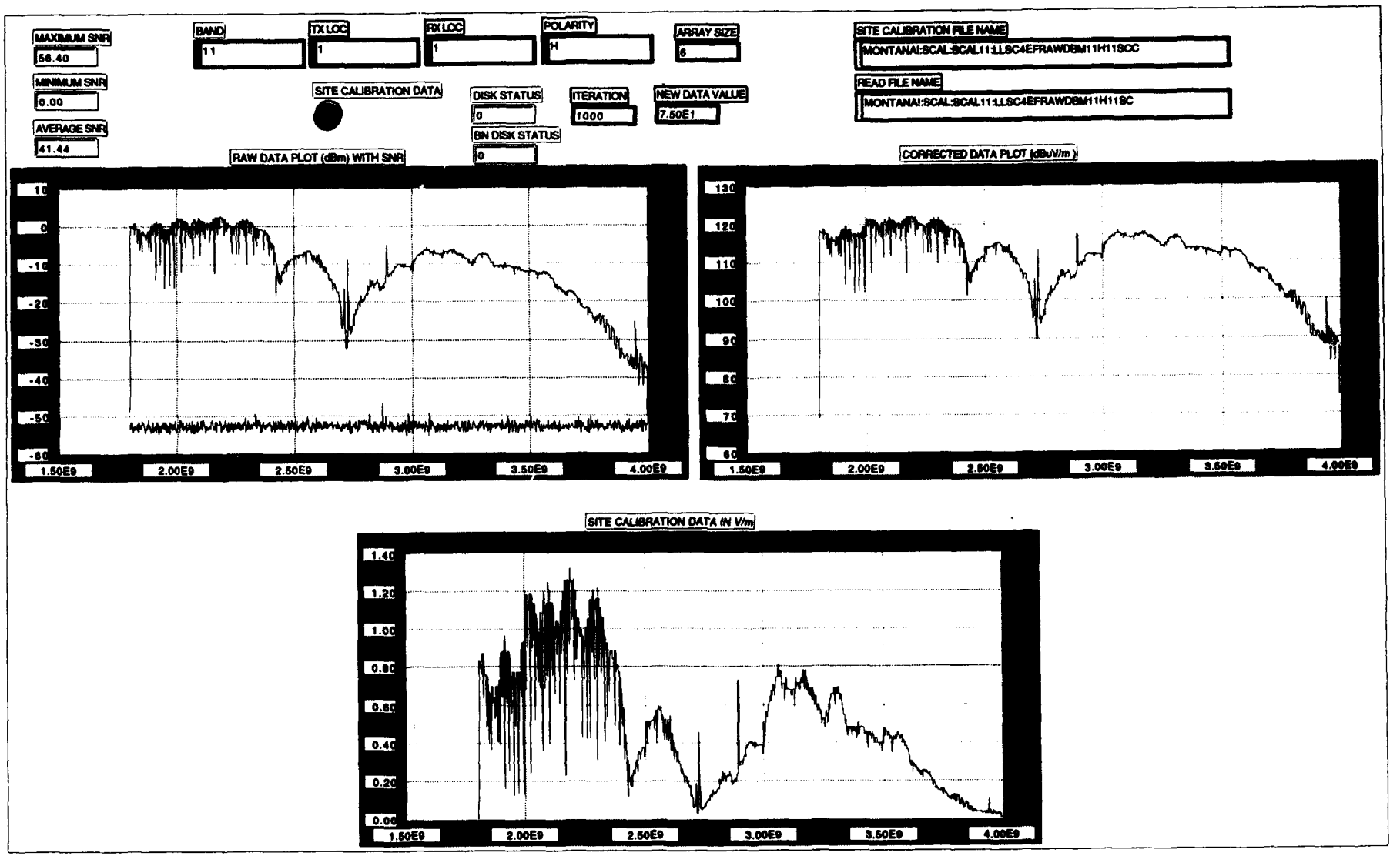

MAXIMUM SNR
38.00
MINIMUM SNR
6.80
AVERAGE SNR
26.18
BAND
6
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.13E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM6H11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM6H11SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
-50
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
CORRECTED DATA PLOT (dBuV/m)
135.0
130.0
125.0
120.0
115.0
110.0
105.0
100.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION DATA IN V/m
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8

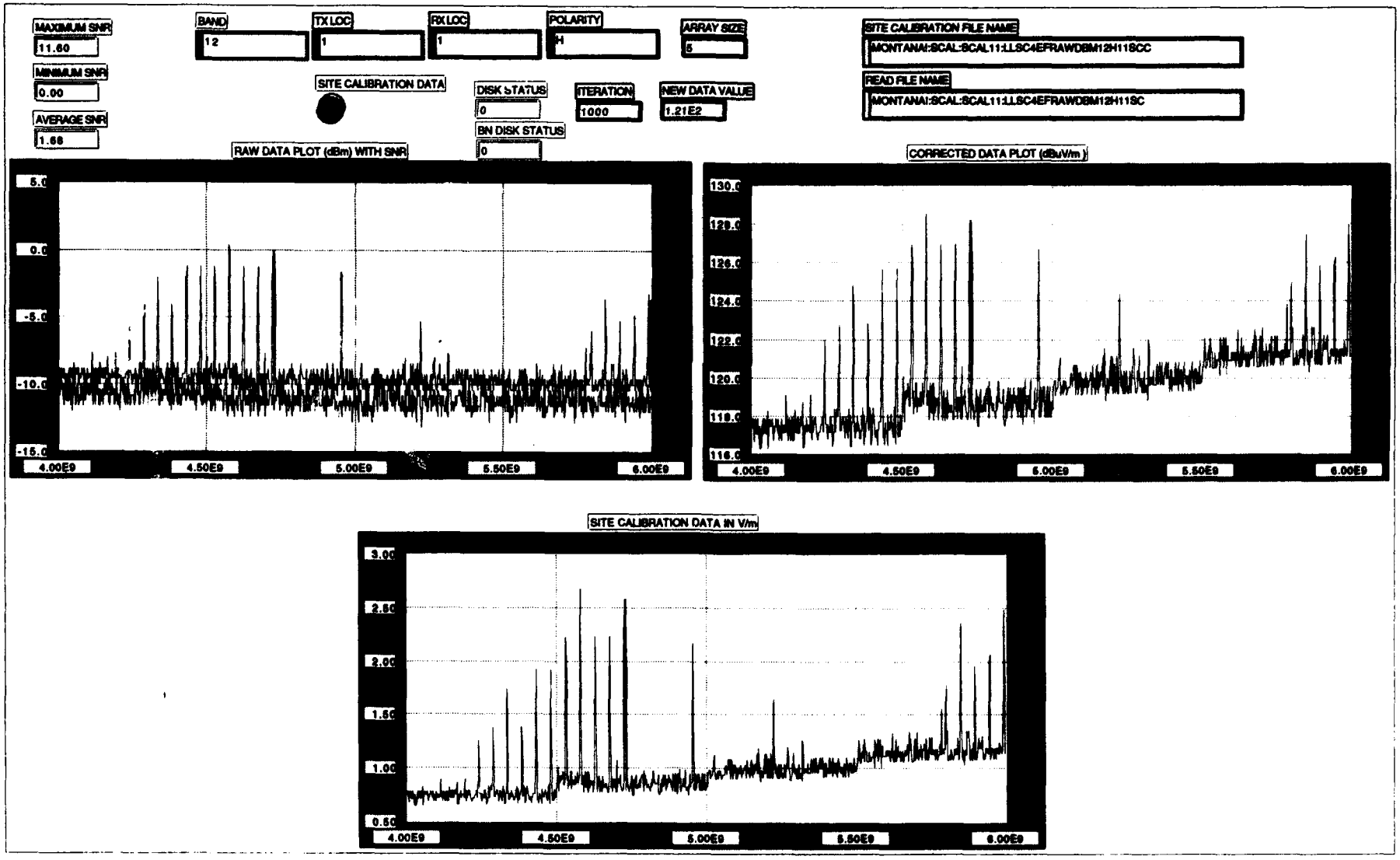

MAXIMUM SNR
47.60
MINIMUM SNR
23.20
AVERAGE SNR
36.35
BAND
7
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.05E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM7H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM7H11SC
RAW DATA PLOT (dBm) WITH SNR
-10
-20
-30
-40
-50
-60
-70
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
CORRECTED DATA PLOT (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION DATA IN V/m
0.60
0.50
0.40
0.30
0.20
0.10
0.00
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8

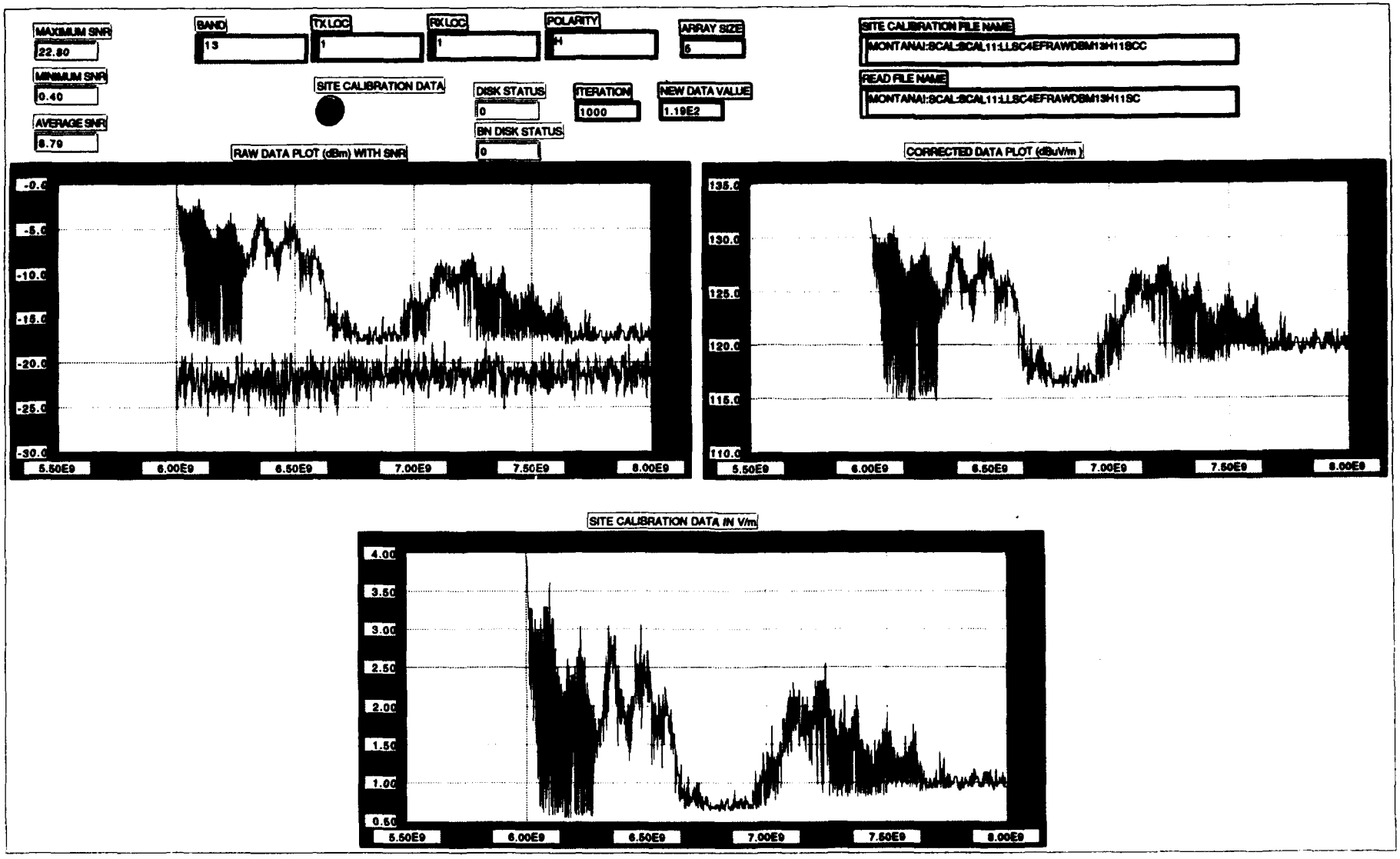

MAXIMUM SNR
32.00
MINIMUM SNR
19.20
AVERAGE SNR
25.70
BAND
8
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.28E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBMIH11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBMIH11SC
RAW DATA PLOT (dBm) WITH SNR
5.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
CORRECTED DATA PLOT (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION DATA IN V/m
3.20
3.00
2.80
2.60
2.40
2.20
2.00
1.80
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8

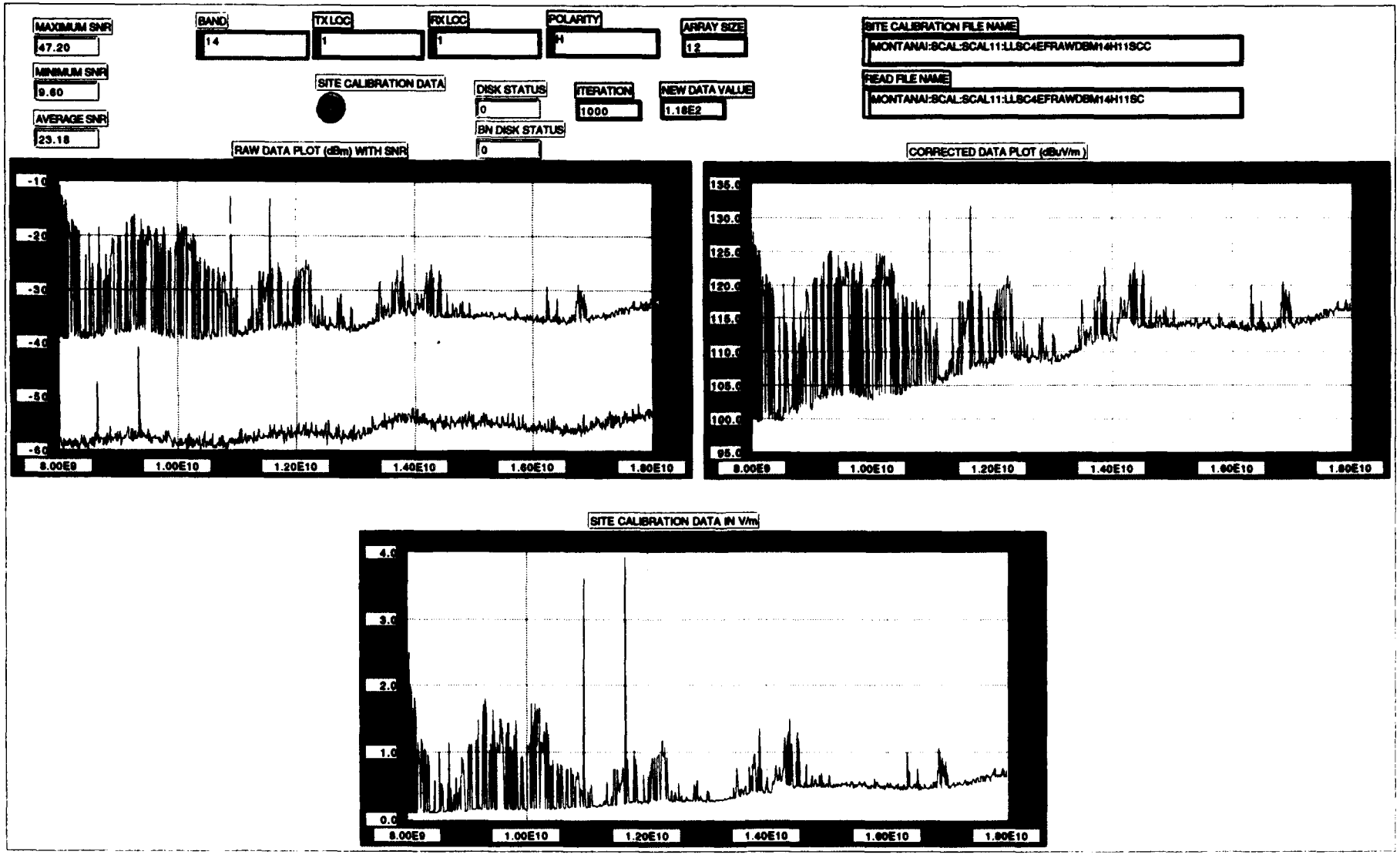

MAXIMUM SNR
36.00
MINIMUM SNR
2.00
AVERAGE SNR
26.01
BAND
9
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
21
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.10E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM9H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM9H11SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
CORRECTED DATA PLOT (dBuV/m)
134.0
132.0
130.0
128.0
126.0
124.0
122.0
120.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION DATA IN V/m
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9

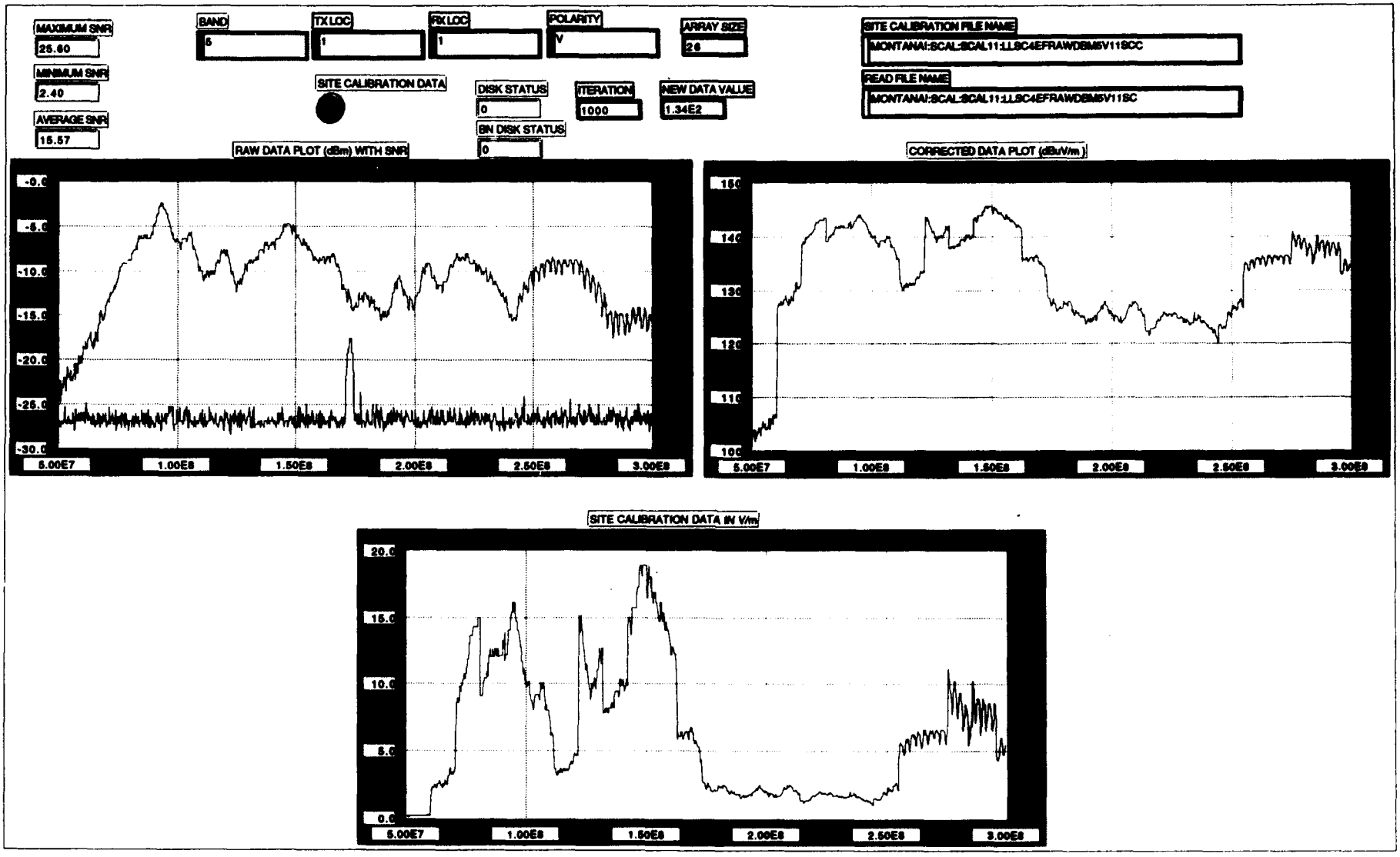

MAXIMUM SNR
39.20
MINIMUM SNR
0.40
AVERAGE SNR
27.30
BAND
10
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
5.5SE1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM10H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM10H11SC
RAW DATA PLOT (dBm) WITH SNR
CORRECTED DATA PLOT (dBuV/m)
SITE CALIBRATION DATA IN V/m
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
2.00E9

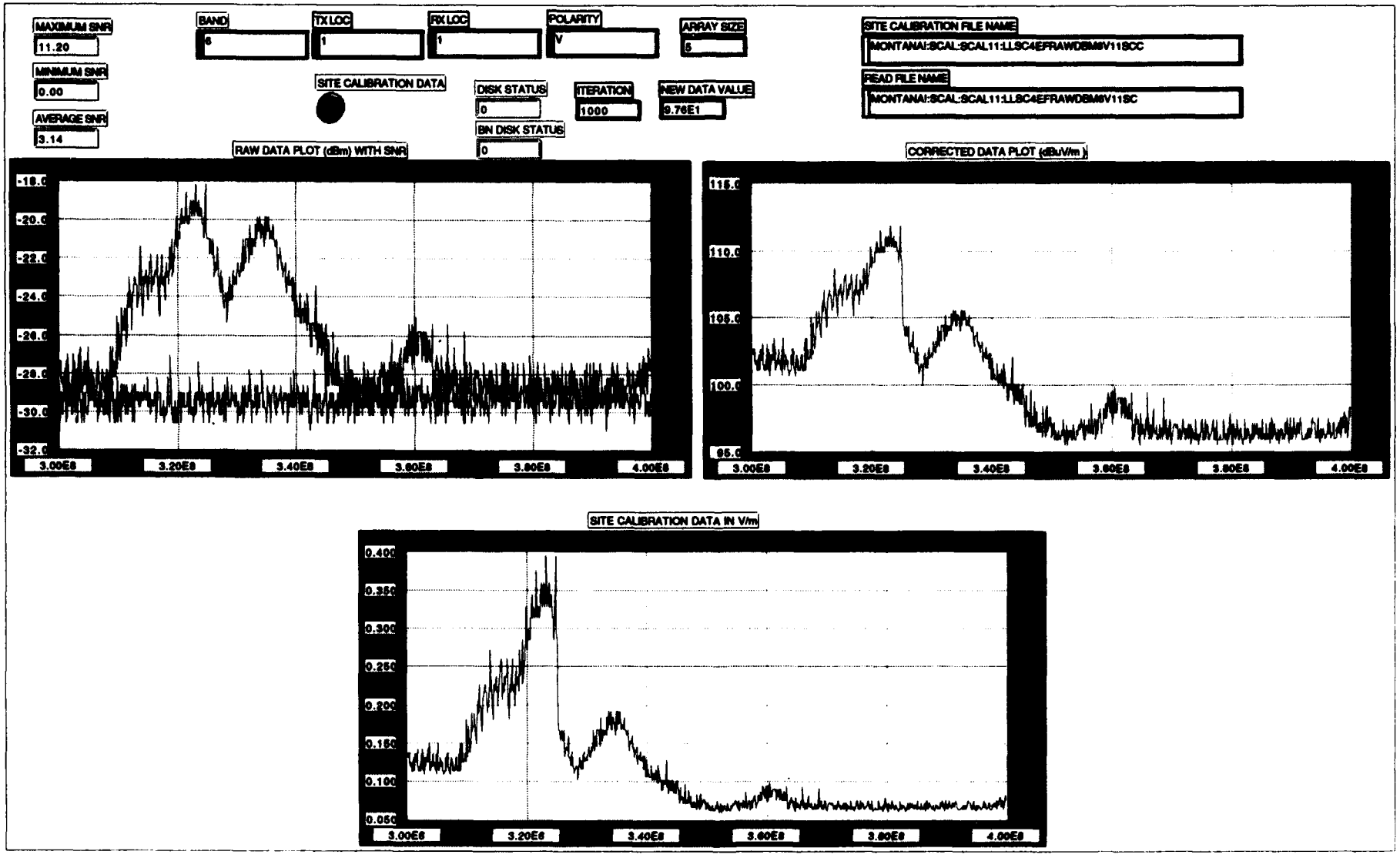

MAXIMUM SNR
56.40
MINIMUM SNR
0.00
AVERAGE SNR
41.44
BAND
11
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.50E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM11H11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM11H11SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
-50
-60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
CORRECTED DATA PLOT (dBuV/m)
130
120
110
100
90
80
70
60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
SITE CALIBRATION DATA IN V/m
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9

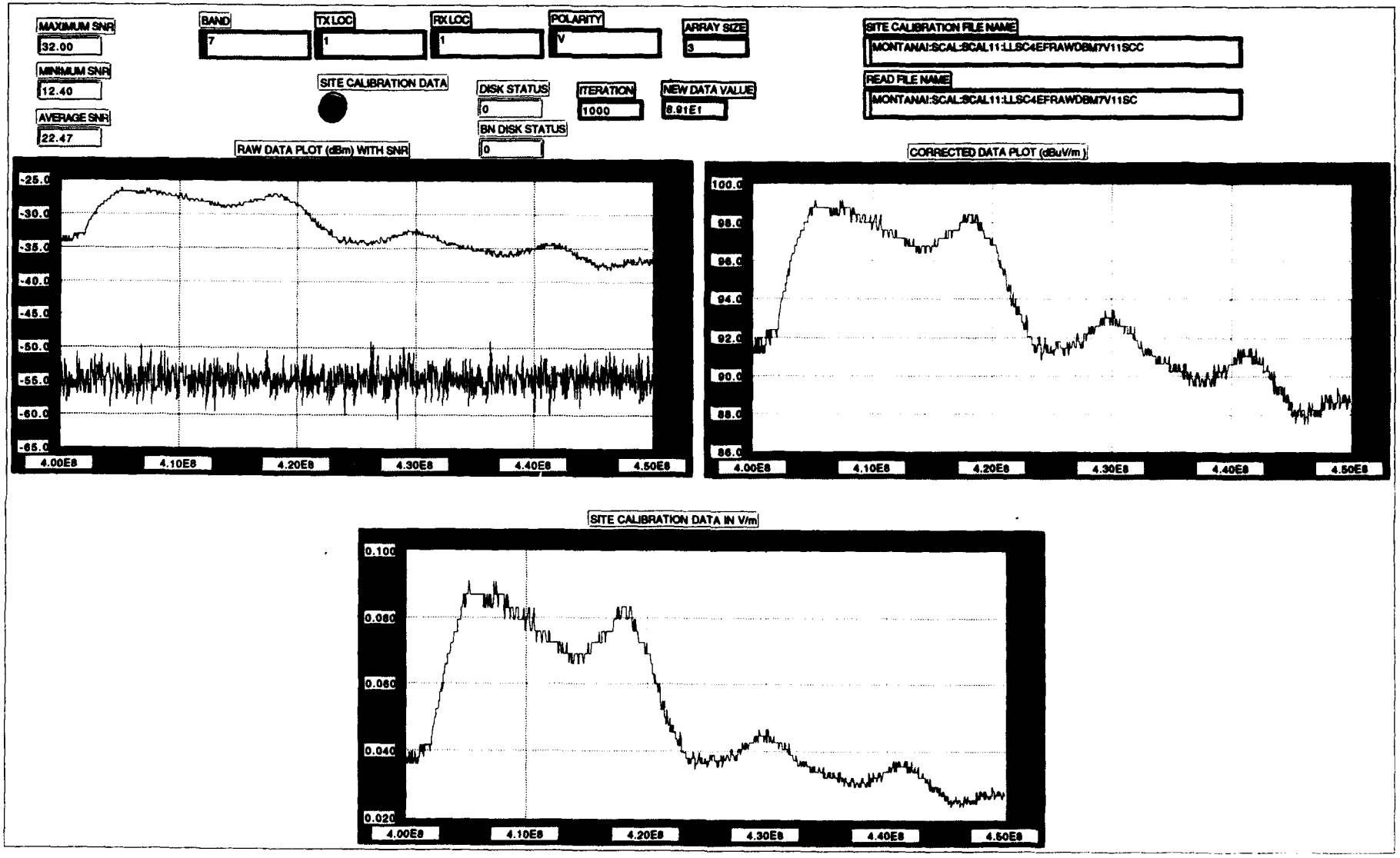

MAXIMUM SNR
11.60
MINIMUM SNR
0.00
AVERAGE SNR
1.68
BAND
12
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.21E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LSC4EFRAWDBM12H11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LSC4EFRAWDBM12H11SC
RAW DATA PLOT (dBm) WITH SNR
5.0
0.0
-5.0
-10.0
-15.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
CORRECTED DATA PLOT (dBuV/m)
130.0
128.0
126.0
124.0
122.0
120.0
118.0
116.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
SITE CALIBRATION DATA IN V/m
3.00
2.50
2.00
1.50
1.00
0.50
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9

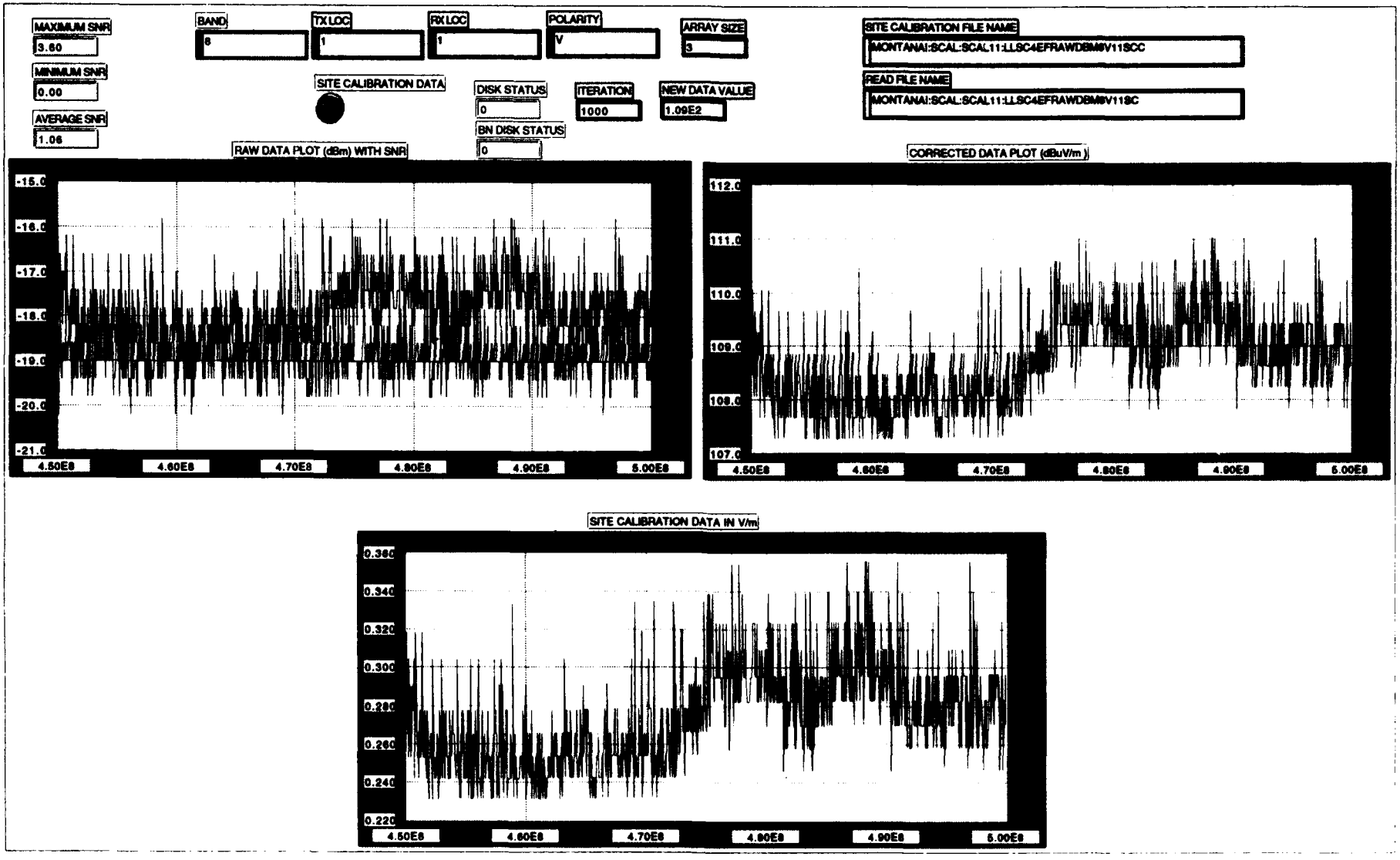

MAXIMUM SNR
22.80
MINIMUM SNR
0.40
AVERAGE SNR
8.79
BAND
13
TX LOC
1
RX LOC
1
POLARITY
H
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LSC4EFRAWDBM13H11SCC
READ FILE NAME
MONTANA:SCAL:SCAL11:LSC4EFRAWDBM13H11SC
RAW DATA PLOT (dBm) WITH SNR
-0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
CORRECTED DATA PLOT (dBuV/m)
135.0
130.0
125.0
120.0
115.0
110.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
SITE CALIBRATION DATA IN V/m
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9

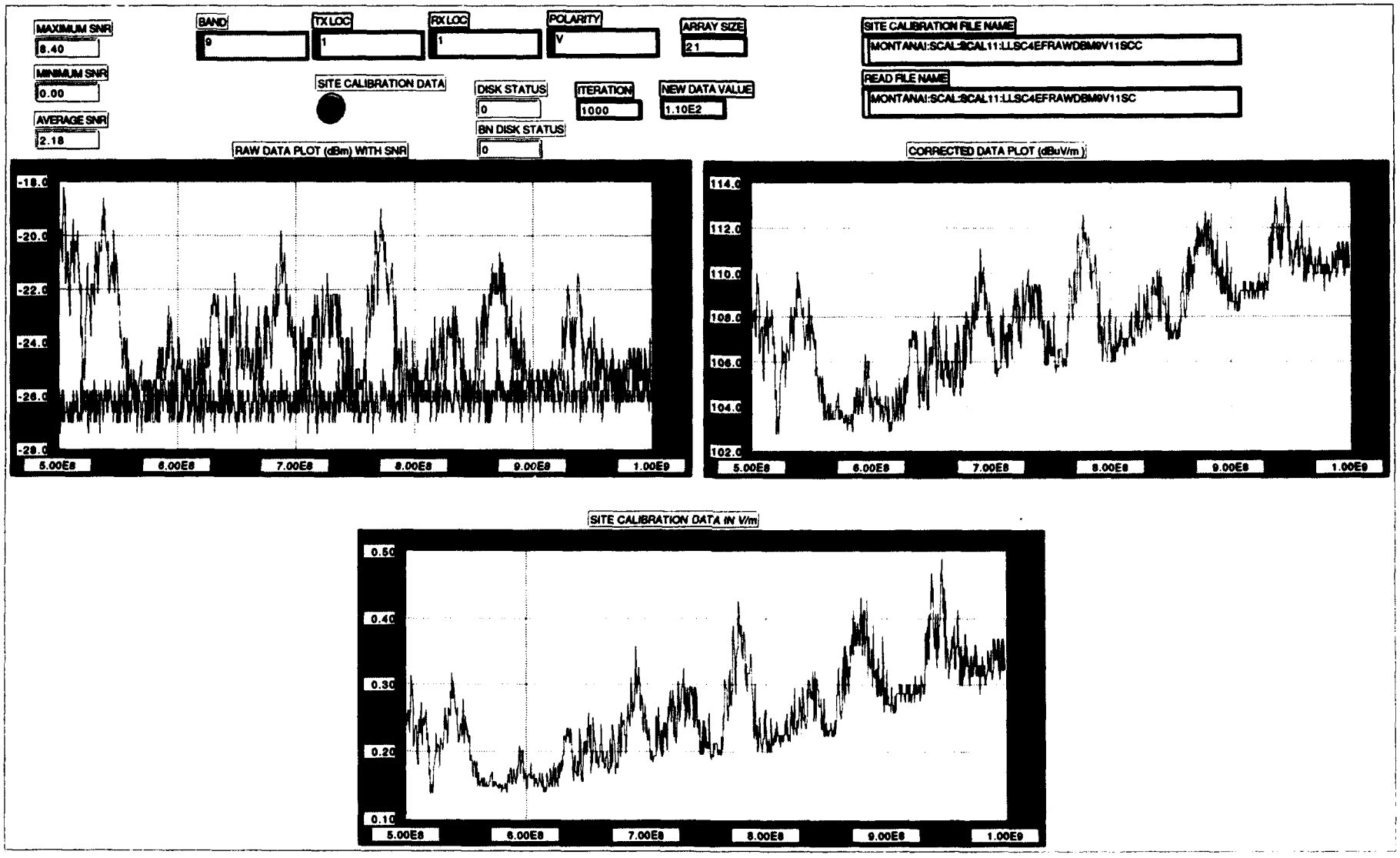

MAXIMUM SNR
47.20
MINIMUM SNR
9.60
AVERAGE SNR
23.18
BAND
14
TX LOC
1
RX LOC
1
POLARITY
1
ARRAY SIZE
12
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.18E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM14H11SCC
READ FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM14H11SC
RAW DATA PLOT (dBm) WITH SNR
-10
-20
-30
-40
-50
-60
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10
CORRECTED DATA PLOT (dBuV/m)
135.0
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10
SITE CALIBRATION DATA IN V/m
4.0
3.0
2.0
1.0
0.0
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10

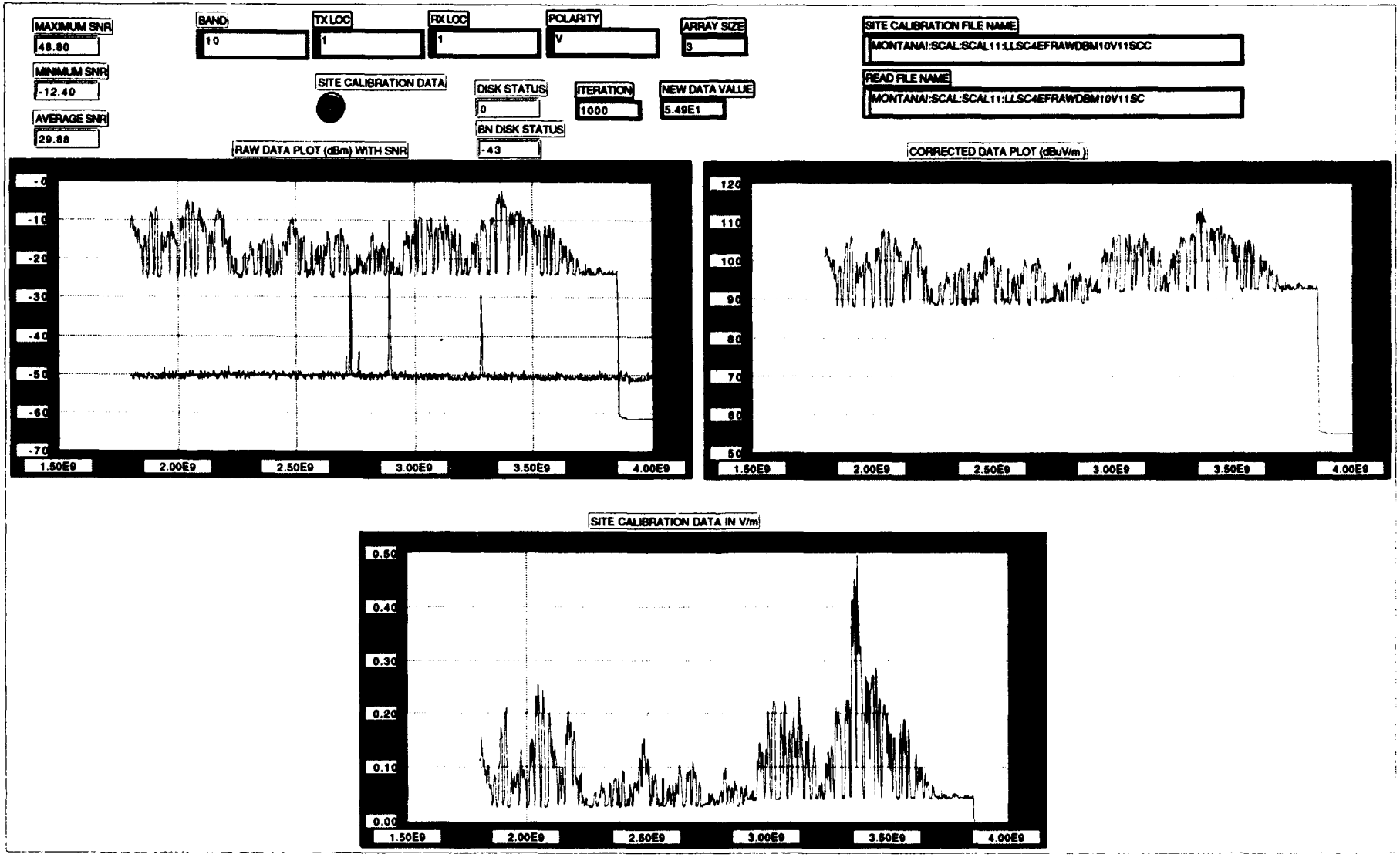

MAXIMUM SNR
25.60
MINIMUM SNR
2.40
AVERAGE SNR
15.57
BAND
5
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
26
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.34E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:$CAL:$CAL11:LLSC4EFRAWDBM5V11SCC
READ FILE NAME
MONTANA!:$CAL:$CAL11:LLSC4EFRAWDBM5V11SC
RAW DATA PLOT (dBm) WITH SNR
-0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
CORRECTED DATA PLOT (dBuV/m)
150
140
130
120
110
100
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION DATA IN V/m
20.0
15.0
10.0
5.0
0.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8

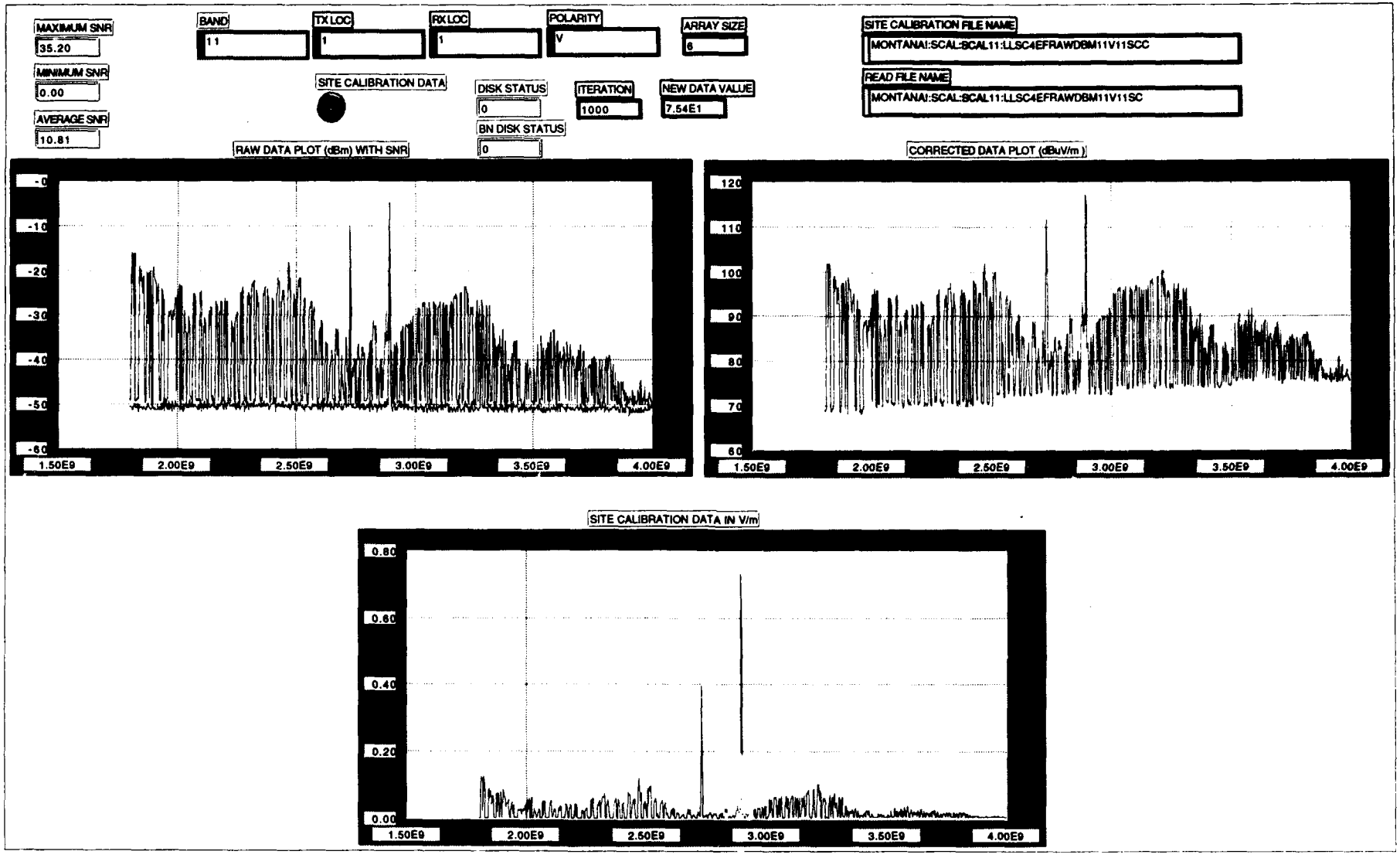

MAXIMUM SNR
11.20
MINIMUM SNR
0.00
AVERAGE SNR
3.14
BAND
6
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.76E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM6V11SCC
READ FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM6V11SC
RAW DATA PLOT (dBm) WITH SNR
-18.0
-20.0
-22.0
-24.0
-26.0
-28.0
-30.0
-32.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
CORRECTED DATA PLOT (dBuV/m)
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION DATA IN V/m
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8

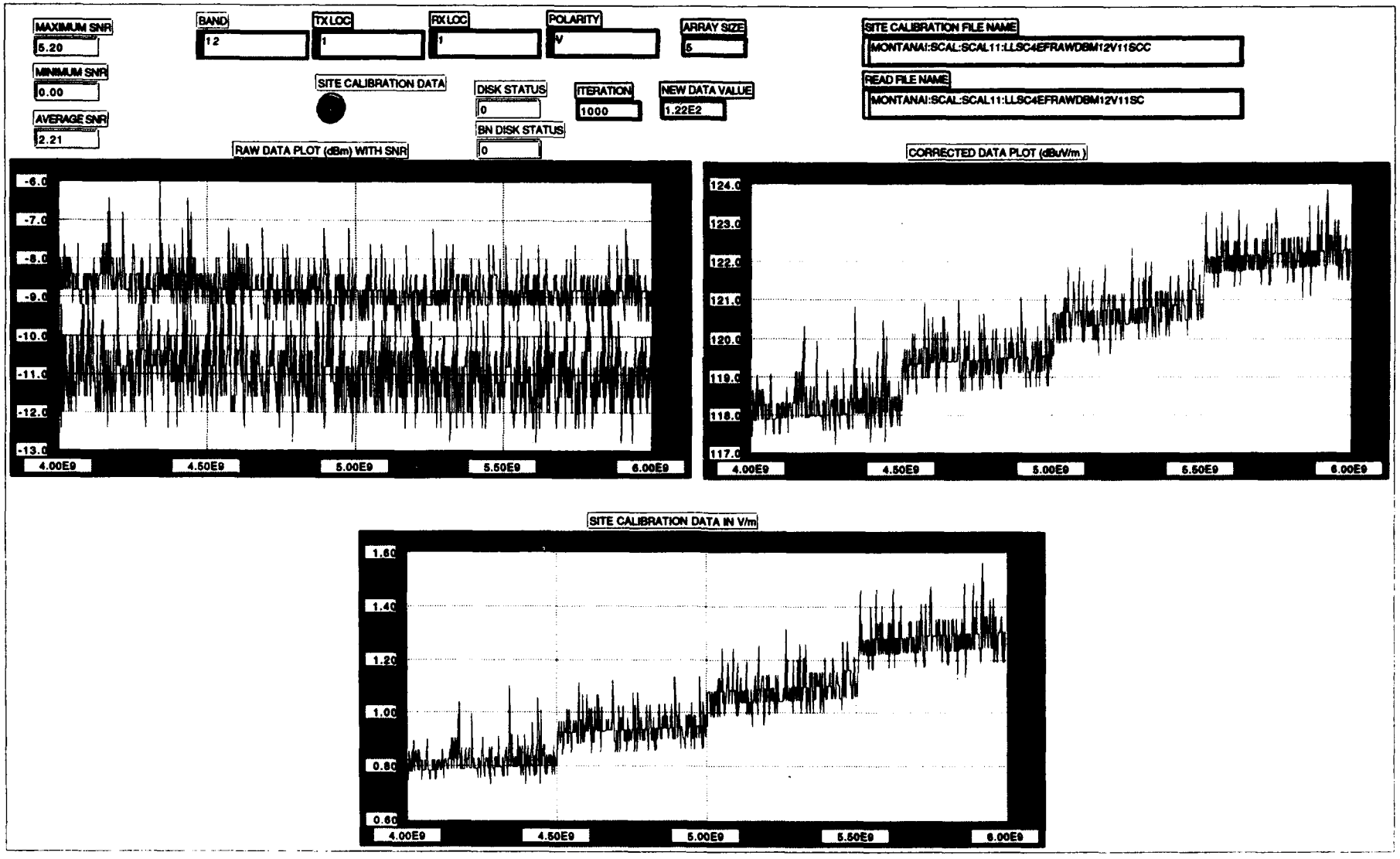

MAXIMUM SNR
32.00
MINIMUM SNR
12.40
AVERAGE SNR
22.47
BAND
7
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
8.91E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM7V11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM7V11SC
RAW DATA PLOT (dBm) WITH SNR
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
CORRECTED DATA PLOT (dBuV/m)
100.0
98.0
96.0
94.0
92.0
90.0
88.0
86.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION DATA IN V/m
0.100
0.080
0.060
0.040
0.020
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8

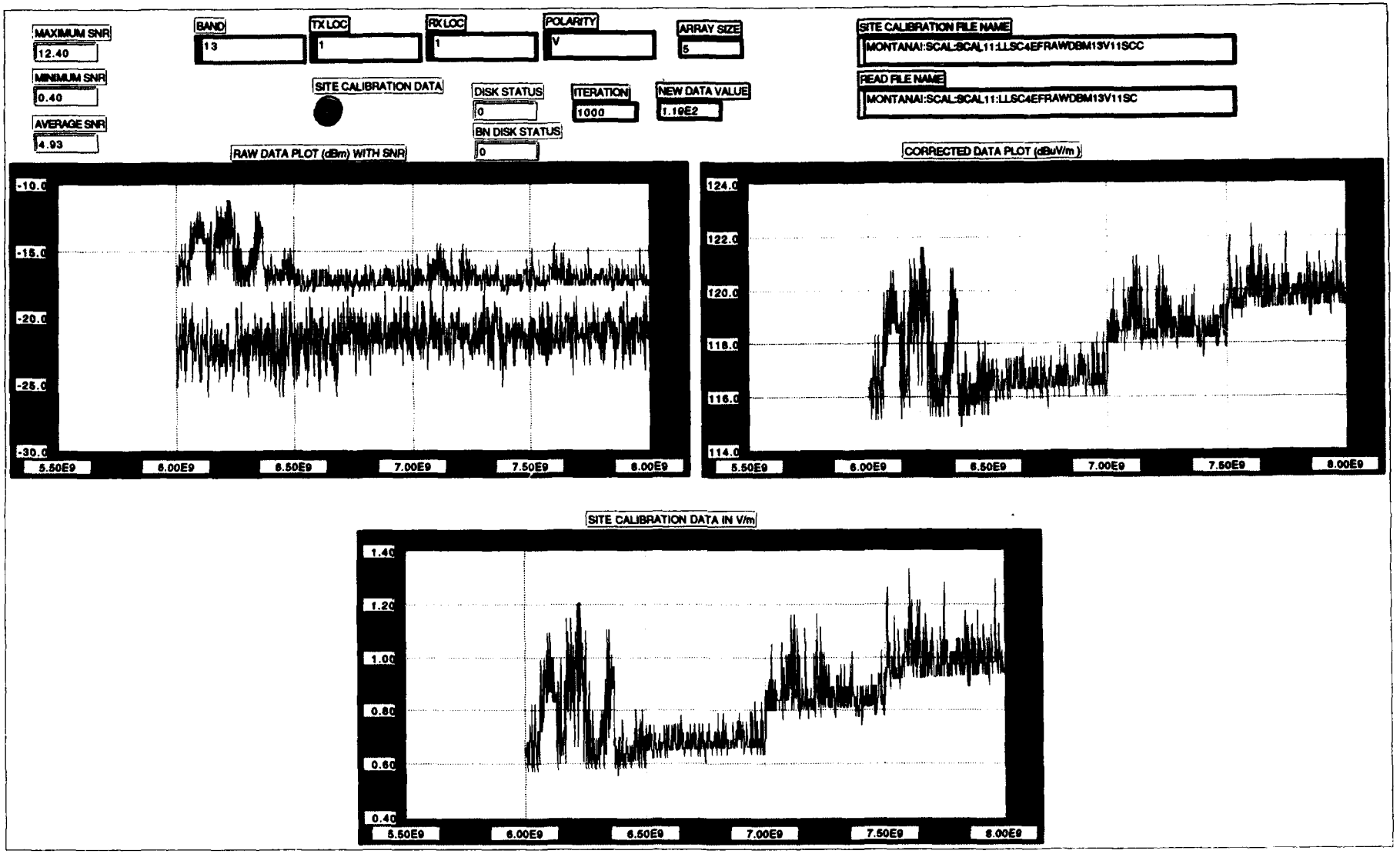

MAXIMUM SNR
3.60
MINIMUM SNR
0.00
AVERAGE SNR
1.06
BAND
8
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.09E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM8V11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM8V11SC
RAW DATA PLOT (dBm) WITH SNR
-15.0
-16.0
-17.0
-18.0
-19.0
-20.0
-21.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
CORRECTED DATA PLOT (dBuV/m)
112.0
111.0
110.0
109.0
108.0
107.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION DATA IN V/m
0.360
0.340
0.320
0.300
0.280
0.260
0.240
0.220
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8

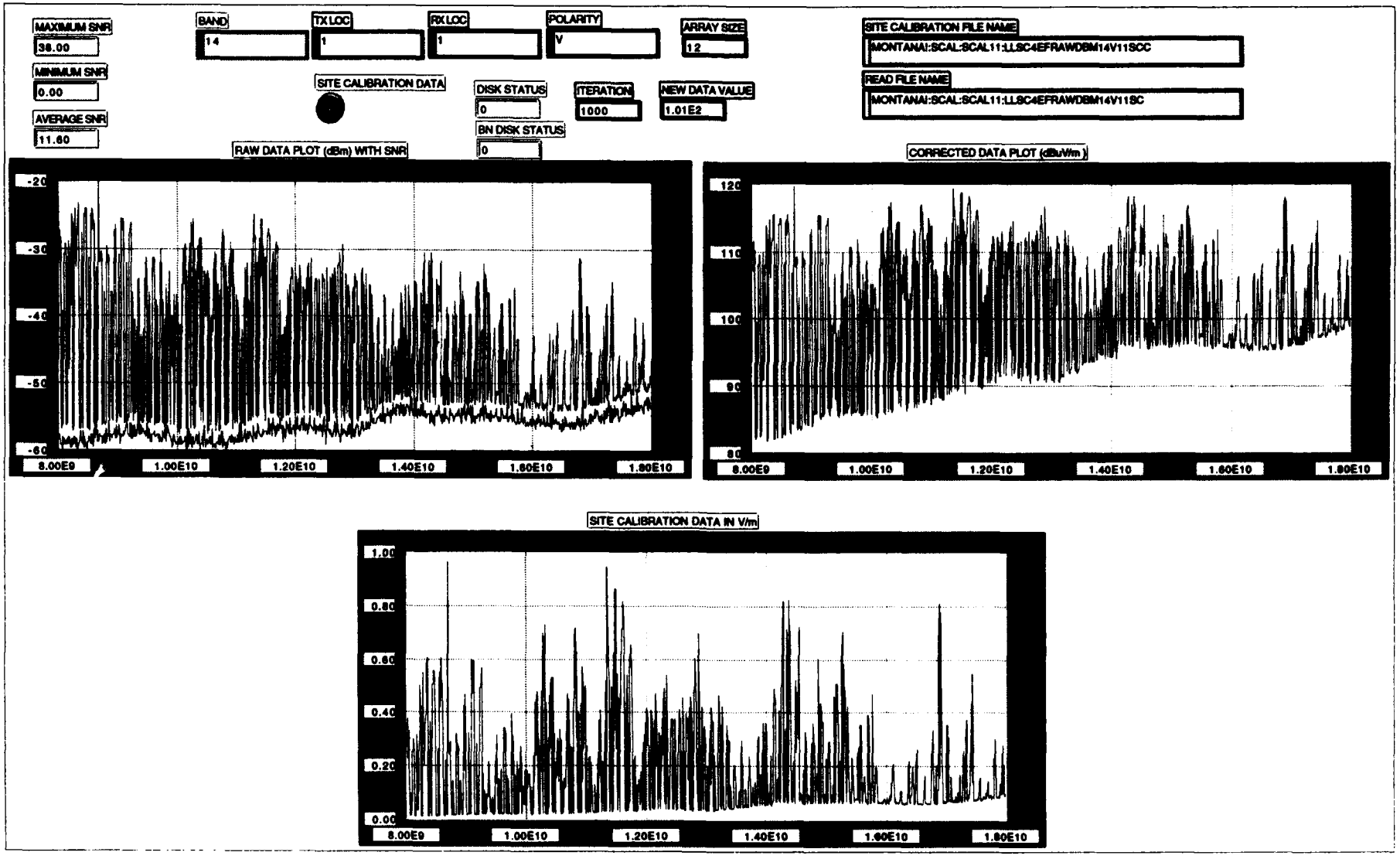

MAXIMUM SNR
8.40
MINIMUM SNR
0.00
AVERAGE SNR
2.18
BAND
9
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
21
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.10E2
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM9V11SCC
READ FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM9V11SC
RAW DATA PLOT (dBm) WITH SNR
-18.0
-20.0
-22.0
-24.0
-26.0
-28.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
CORRECTED DATA PLOT (dBuV/m)
114.0
112.0
110.0
108.0
106.0
104.0
102.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION DATA IN V/m
0.50
0.40
0.30
0.20
0.10
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9


MAXIMUM SNR
48.80
MINIMUM SNR
-12.40
AVERAGE SNR
29.88
BAND
10
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
5.49E1
BN DISK STATUS
-43
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM10V11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM10V11SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
-70
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
CORRECTED DATA PLOT (dBuV/m)
120
110
100
90
80
70
60
50
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
SITE CALIBRATION DATA IN V/m
0.50
0.40
0.30
0.20
0.10
0.00
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9

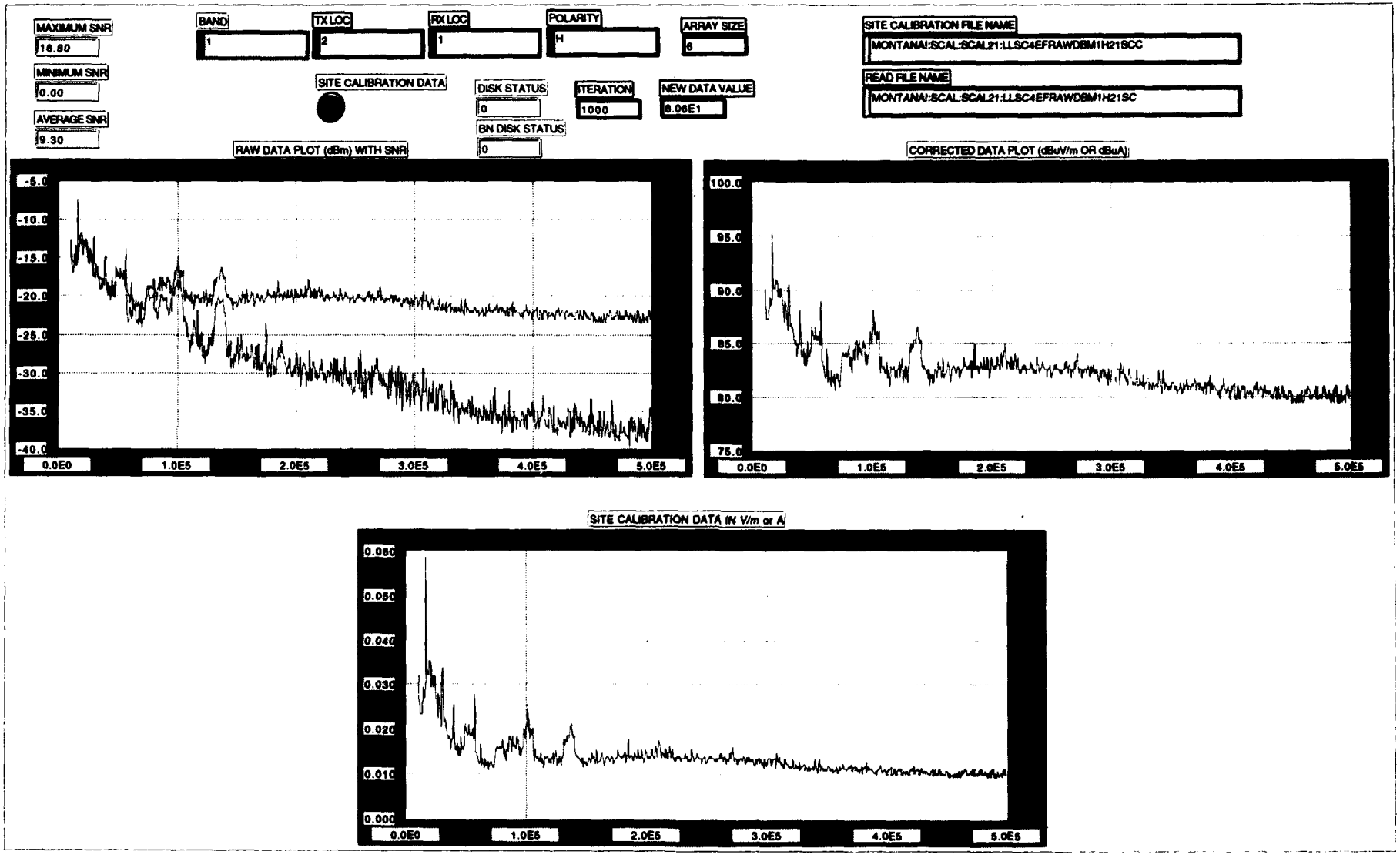

MAXIMUM SNR
35.20
MINIMUM SNR
0.00
AVERAGE SNR
10.81
BAND
11
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.54E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM11V11SCC
READ FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM11V11SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
CORRECTED DATA PLOT (dBuV/m)
120
110
100
90
80
70
60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
SITE CALIBRATION DATA IN V/m
0.80
0.60
0.40
0.20
0.00
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9

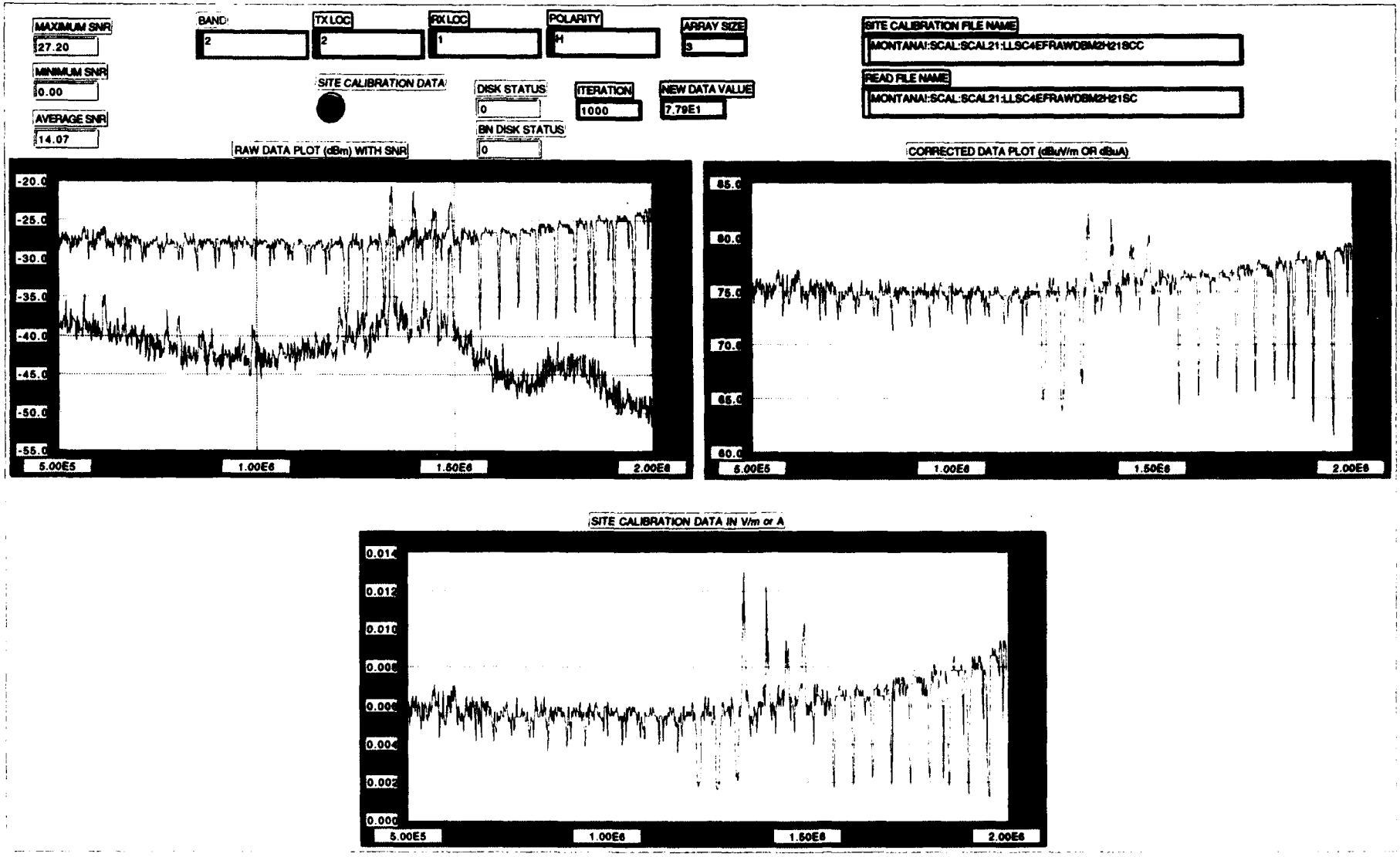

MAXIMUM SNR
5.20
MINIMUM SNR
0.00
AVERAGE SNR
2.21
BAND
12
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.22E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM12V11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM12V11SC
RAW DATA PLOT (dBm) WITH SNR
-6.0
-7.0
-8.0
-9.0
-10.0
-11.0
-12.0
-13.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
CORRECTED DATA PLOT (dBuV/m)
124.0
123.0
122.0
121.0
120.0
119.0
118.0
117.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
SITE CALIBRATION DATA IN V/m
1.60
1.40
1.20
1.00
0.80
0.60
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9

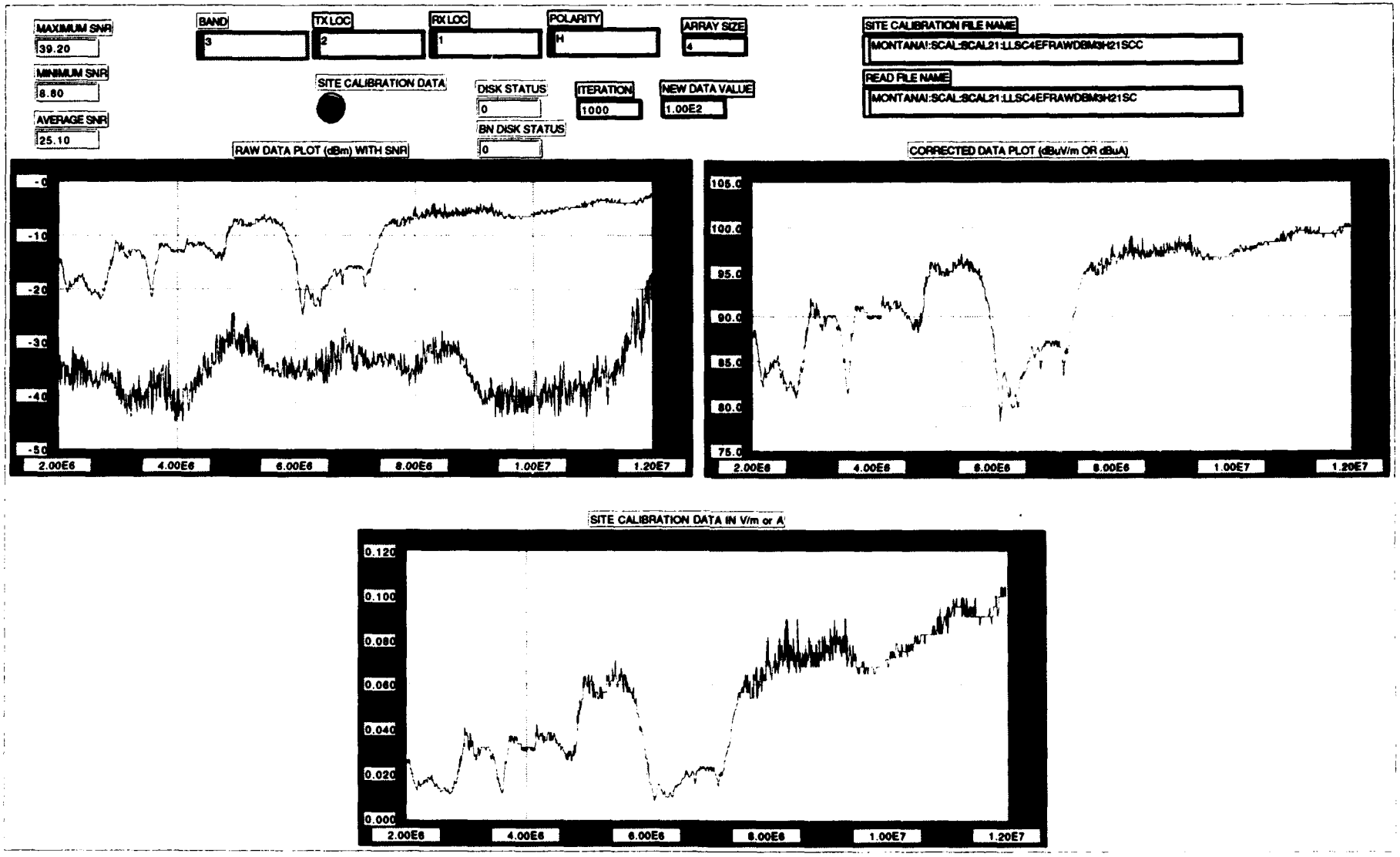

MAXIMUM SNR
12.40
MINIMUM SNR
0.40
AVERAGE SNR
4.93
BAND
13
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM13V11SCC
READ FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM13V11SC
RAW DATA PLOT (dBm) WITH SNR
-10.0
-15.0
-20.0
-25.0
-30.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
CORRECTED DATA PLOT (dBuV/m)
124.0
122.0
120.0
118.0
116.0
114.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
SITE CALIBRATION DATA IN V/m
1.40
1.20
1.00
0.80
0.60
0.40
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9

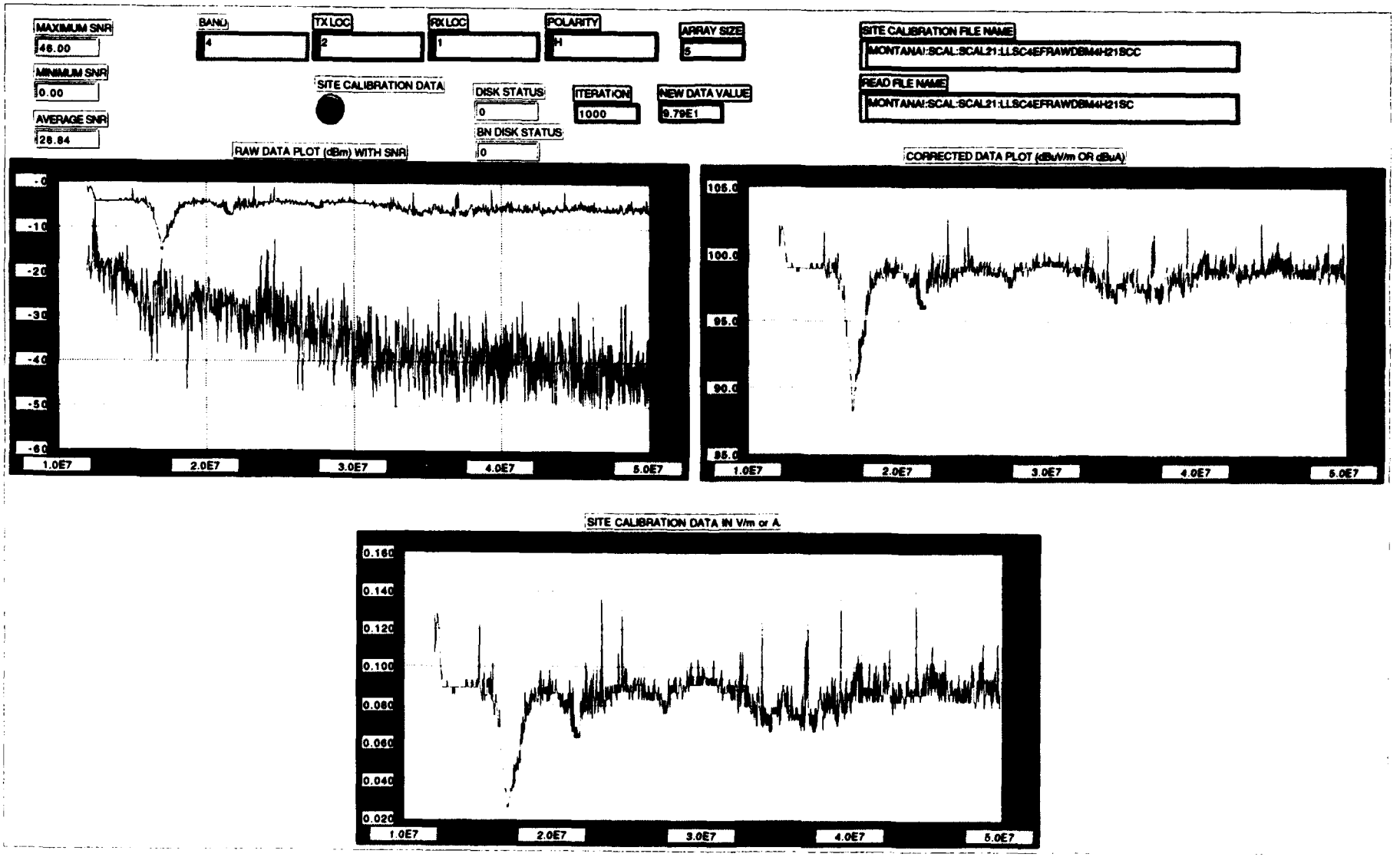

MAXIMUM SNR
36.00
MINIMUM SNR
0.00
AVERAGE SNR
11.60
BAND
14
TX LOC
1
RX LOC
1
POLARITY
V
ARRAY SIZE
12
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.01E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM14V11SCC
READ FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM14V11SC
RAW DATA PLOT (dBm) WITH SNR
-20
-30
-40
-50
-60
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10
CORRECTED DATA PLOT (dBuV/m)
120
110
100
90
80
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10
SITE CALIBRATION DATA IN V/m
1.00
0.80
0.60
0.40
0.20
0.00
8.00E9
1.00E10
1.20E10
1.40E10
1.60E10
1.80E10

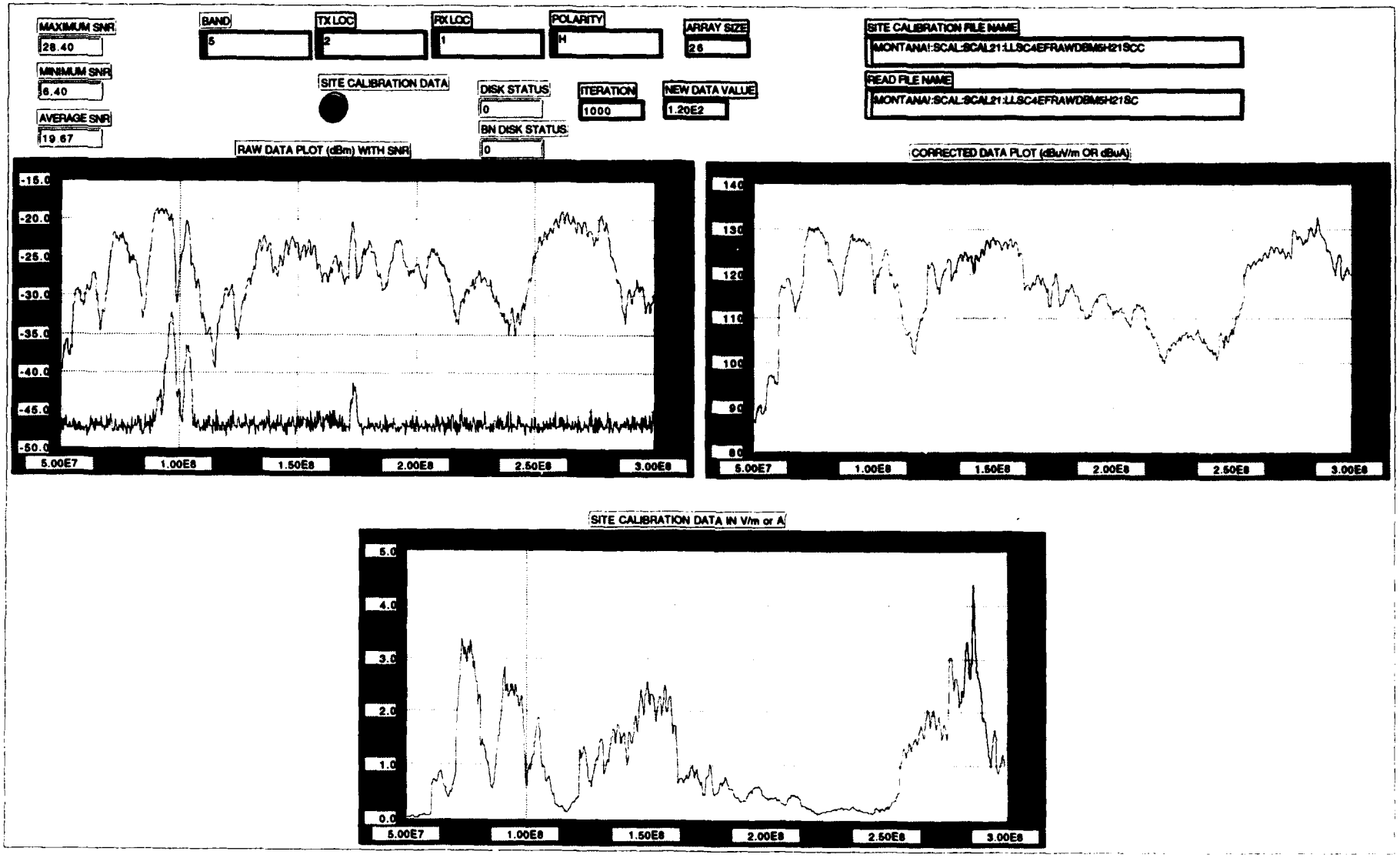
SECTION 1-2
SCAL SET TWO DATA PLOTS

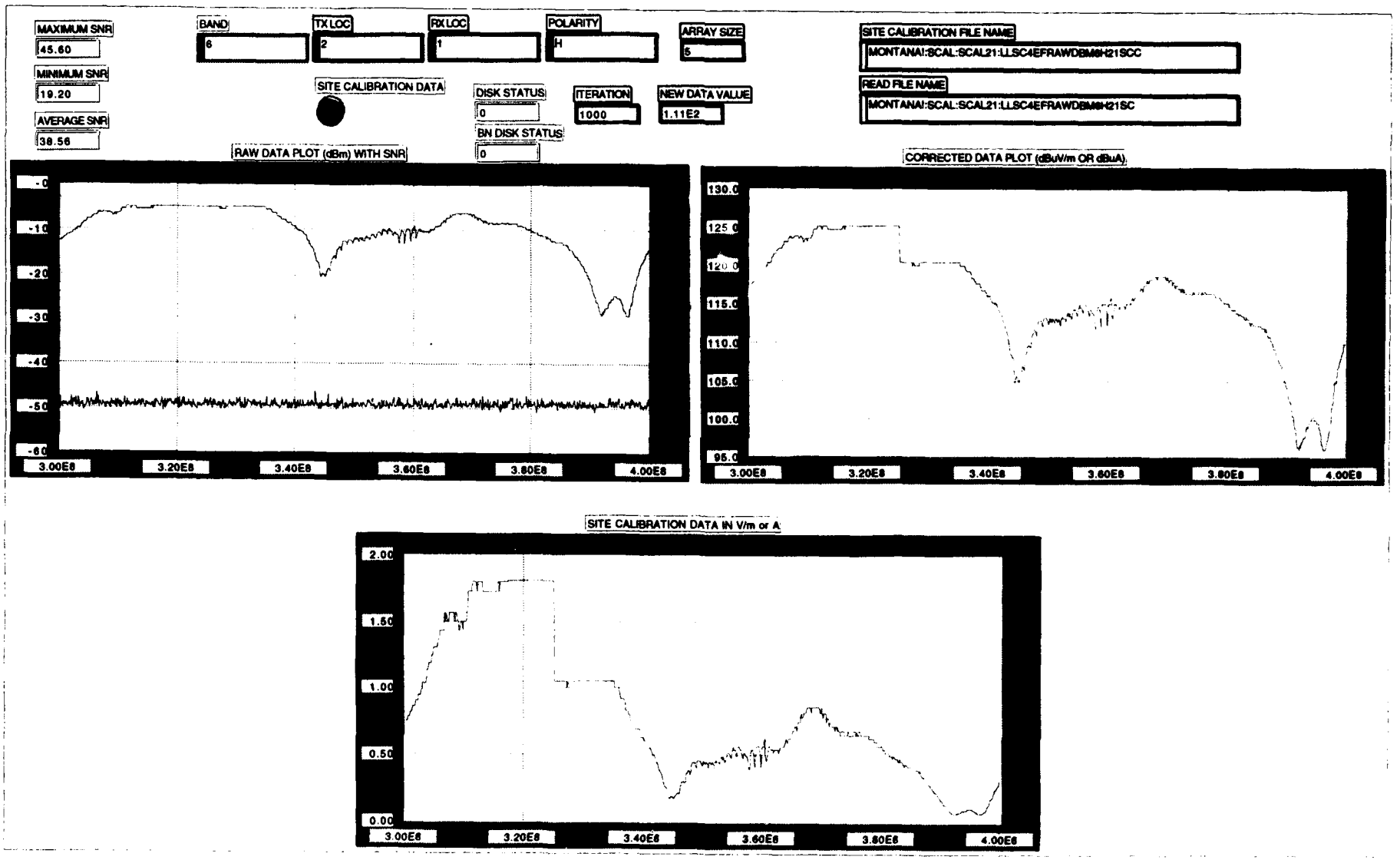

MAXIMUM SNR
16.80
MINIMUM SNR
0.00
AVERAGE SNR
9.30
BAND
1
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
8.06E1
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM1H21SC
RAW DATA PLOT (dBm) WITH SNR
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
CORRECTED DATA PLOT (dBuV/m OR dBuA)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION DATA IN V/m or A
0.060
0.050
0.040
0.030
0.020
0.010
0.000
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

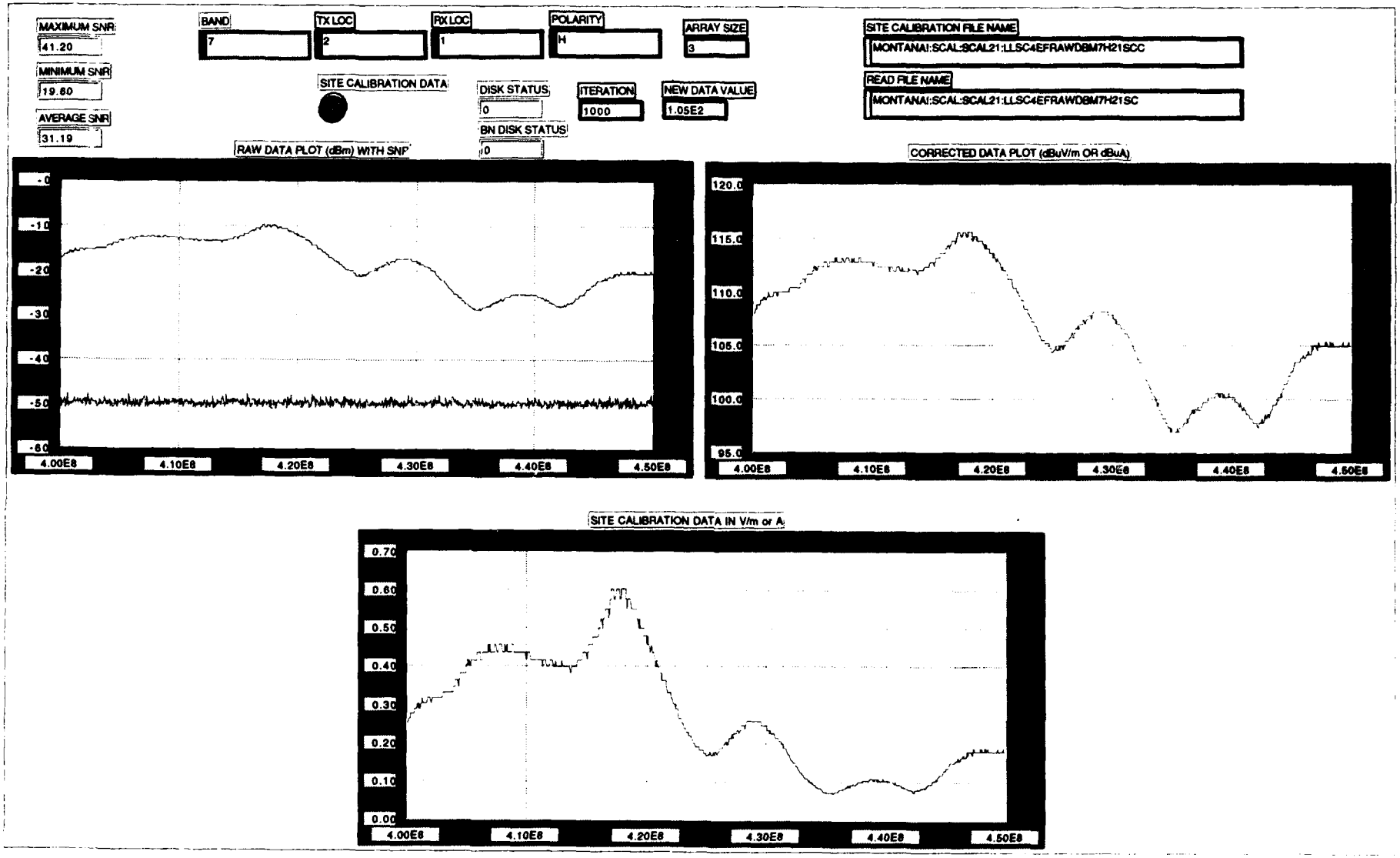

MAXIMUM SNR
27.20
MINIMUM SNR
0.00
AVERAGE SNR
14.07
BAND
2
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BIN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.79E1
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM2H21SC
RAW DATA PLOT (dBm) WITH SNR
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
5.00E5
1.00E6
1.50E6
2.00E6
CORRECTED DATA PLOT (dBuV/m OR dBuA)
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION DATA IN V/m or A
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
5.00E5
1.00E6
1.50E6
2.00E6

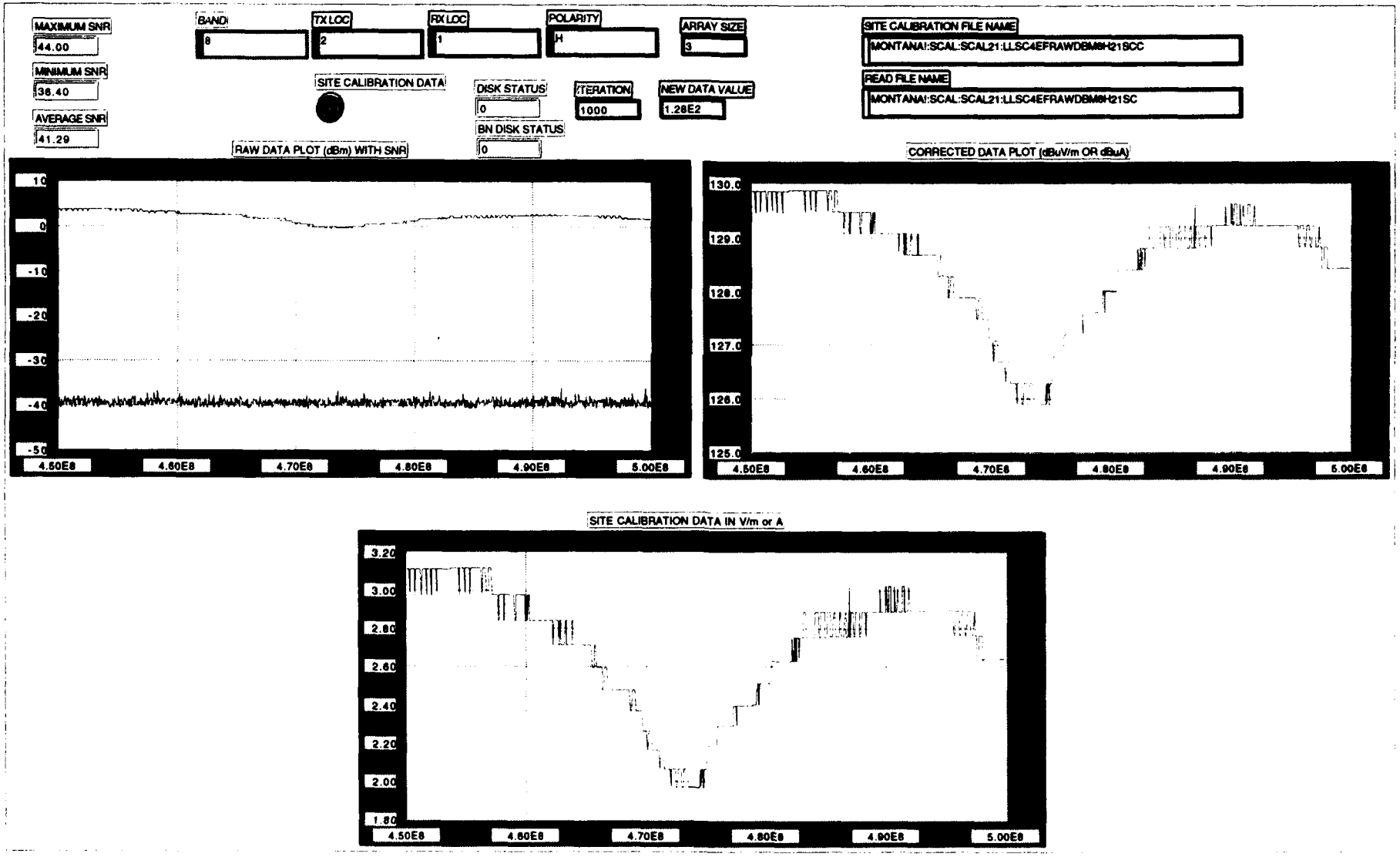

MAXIMUM SNR
39.20
MINIMUM SNR
6.80
AVERAGE SNR
25.10
BAND
3
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
4
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.00E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM3H21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
CORRECTED DATA PLOT (dBuV/m OR dBuA)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION DATA IN V/m or A
0.120
0.100
0.080
0.060
0.040
0.020
0.000
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7

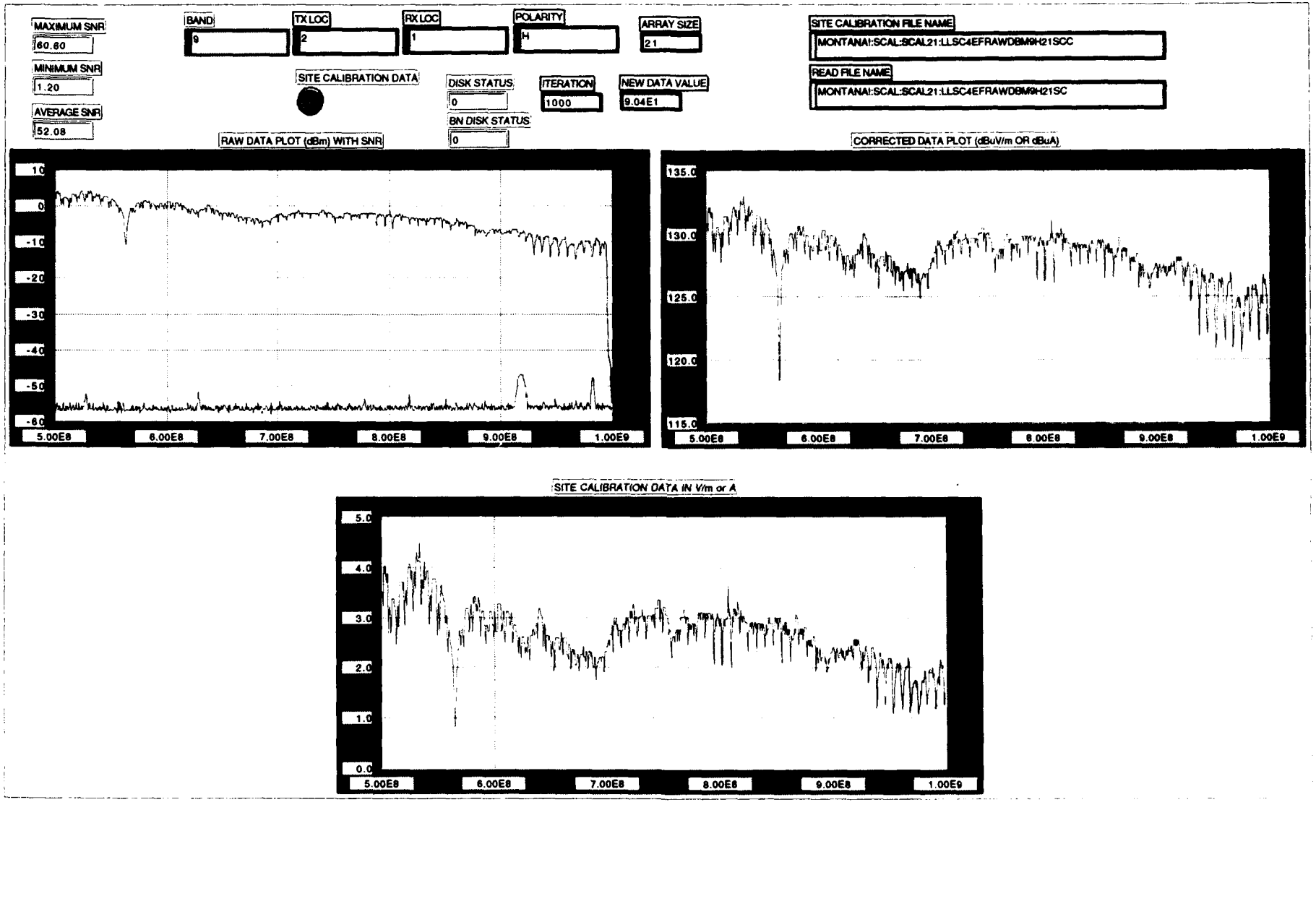

MAXIMUM SNR
46.00
MINIMUM SNR
0.00
AVERAGE SNR
26.84
BAND
4
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.79E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM4H21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
CORRECTED DATA PLOT (dBuV/m OR dBuA)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION DATA IN V/m or A
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7

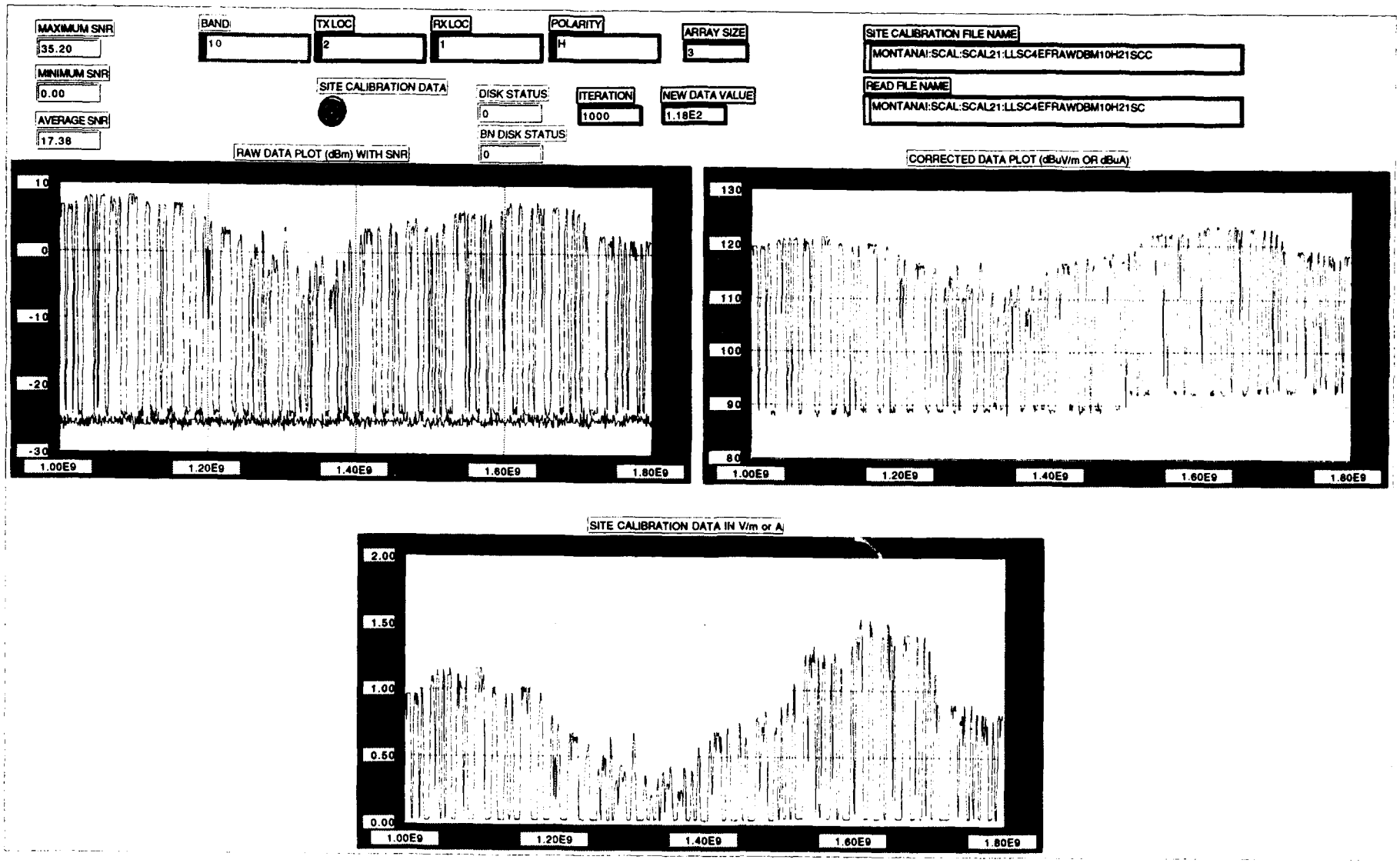

MAXIMUM SNR
28.40
MINIMUM SNR
6.40
AVERAGE SNR
19.67
BAND
5
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
26
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.20E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBMSH21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBMSH21SC
RAW DATA PLOT (dBm) WITH SNR
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION DATA IN V/m or A
5.0
4.0
3.0
2.0
1.0
0.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8

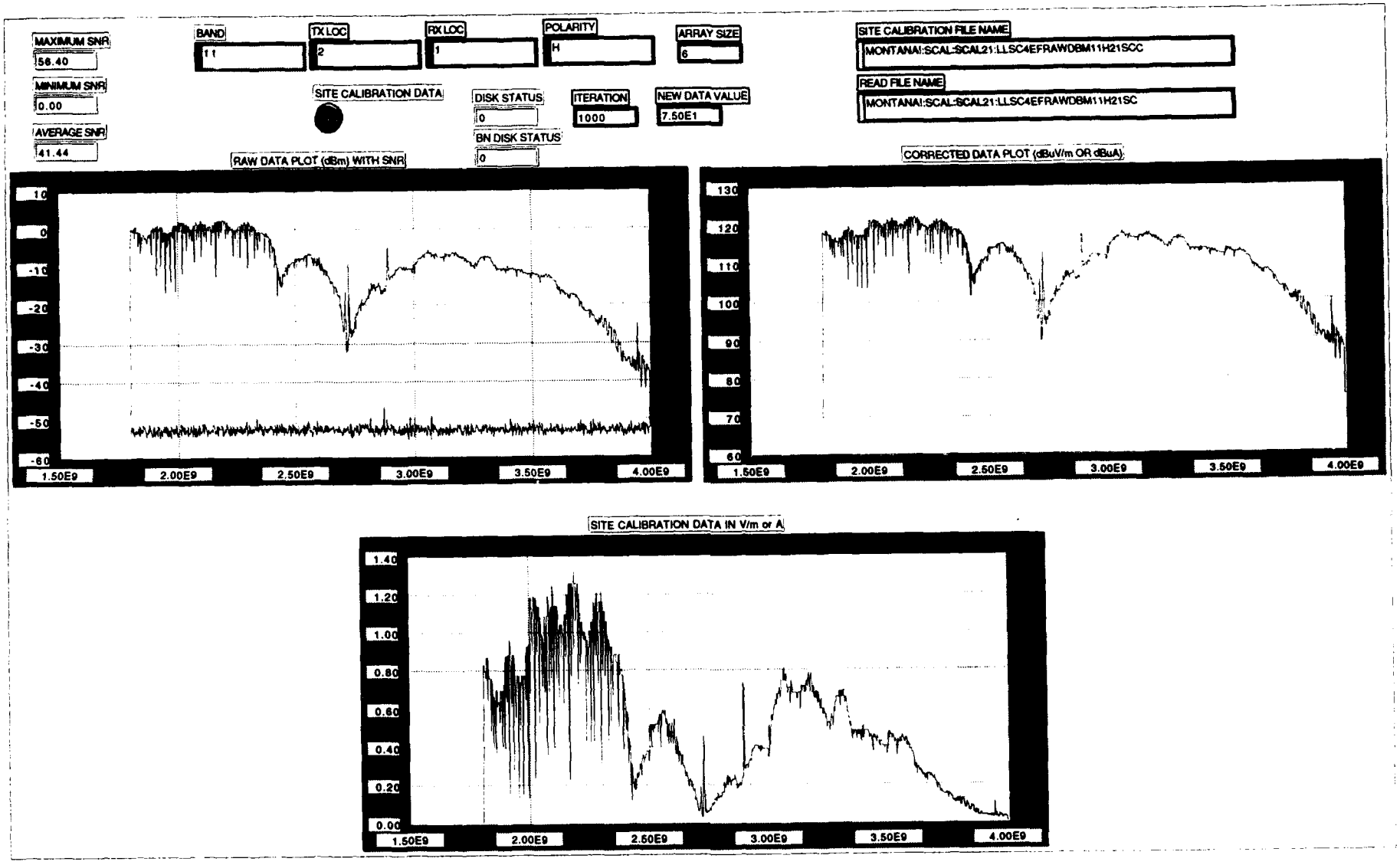

MAXIMUM SNR
45.60
MINIMUM SNR
19.20
AVERAGE SNR
38.56
BAND
6
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.11E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6H21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION DATA IN V/m or A
2.00
1.50
1.00
0.50
0.00
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8

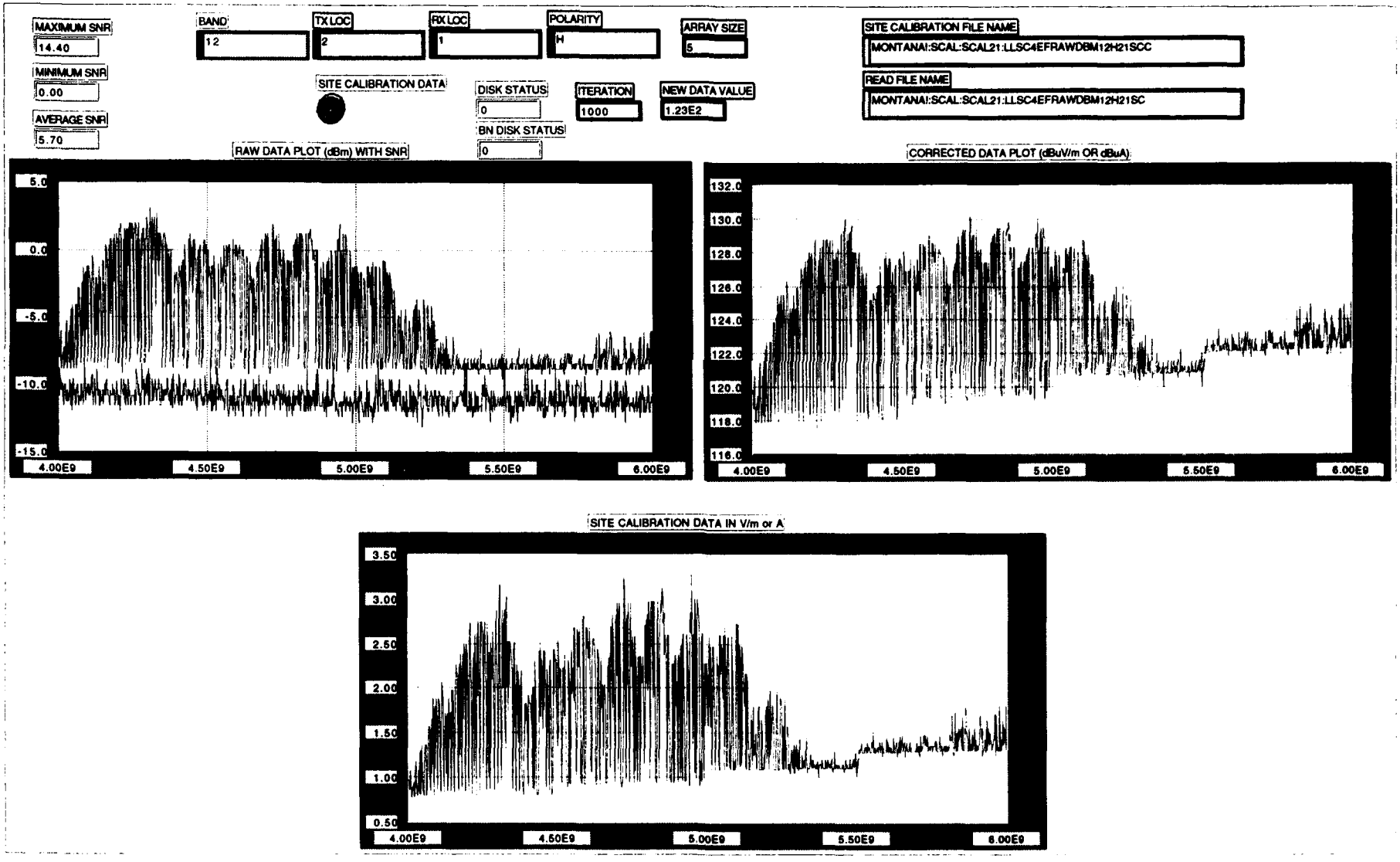

MAXIMUM SNR
41.20
MINIMUM SNR
19.60
AVERAGE SNR
31.19
BAND
7
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.05E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM7H21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION DATA IN V/m or A
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8

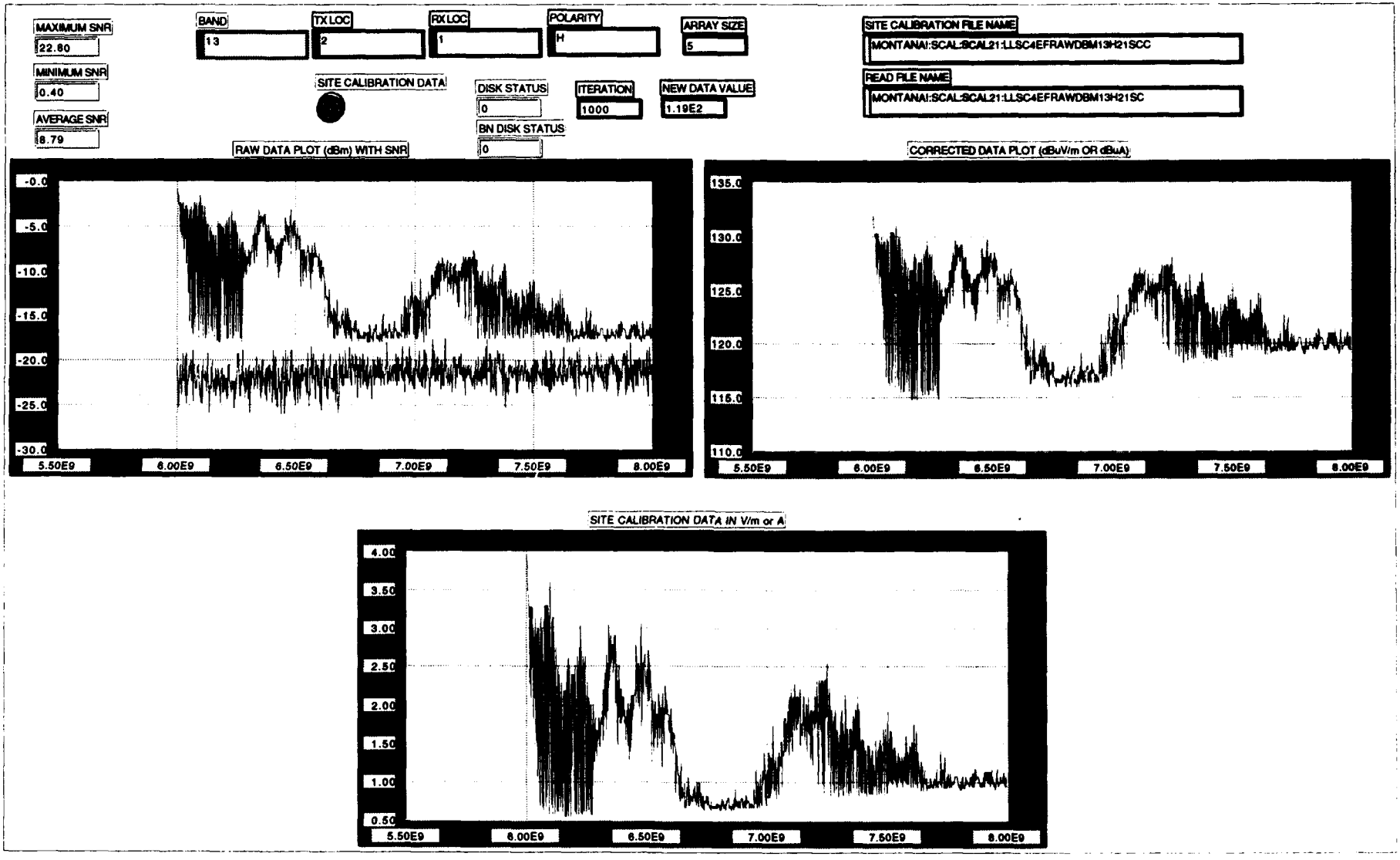

MAXIMUM SNR
44.00
MINIMUM SNR
36.40
AVERAGE SNR
41.29
BAND
8
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.28E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6H21SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
-50
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION DATA IN V/m or A
3.20
3.00
2.80
2.60
2.40
2.20
2.00
1.80
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8

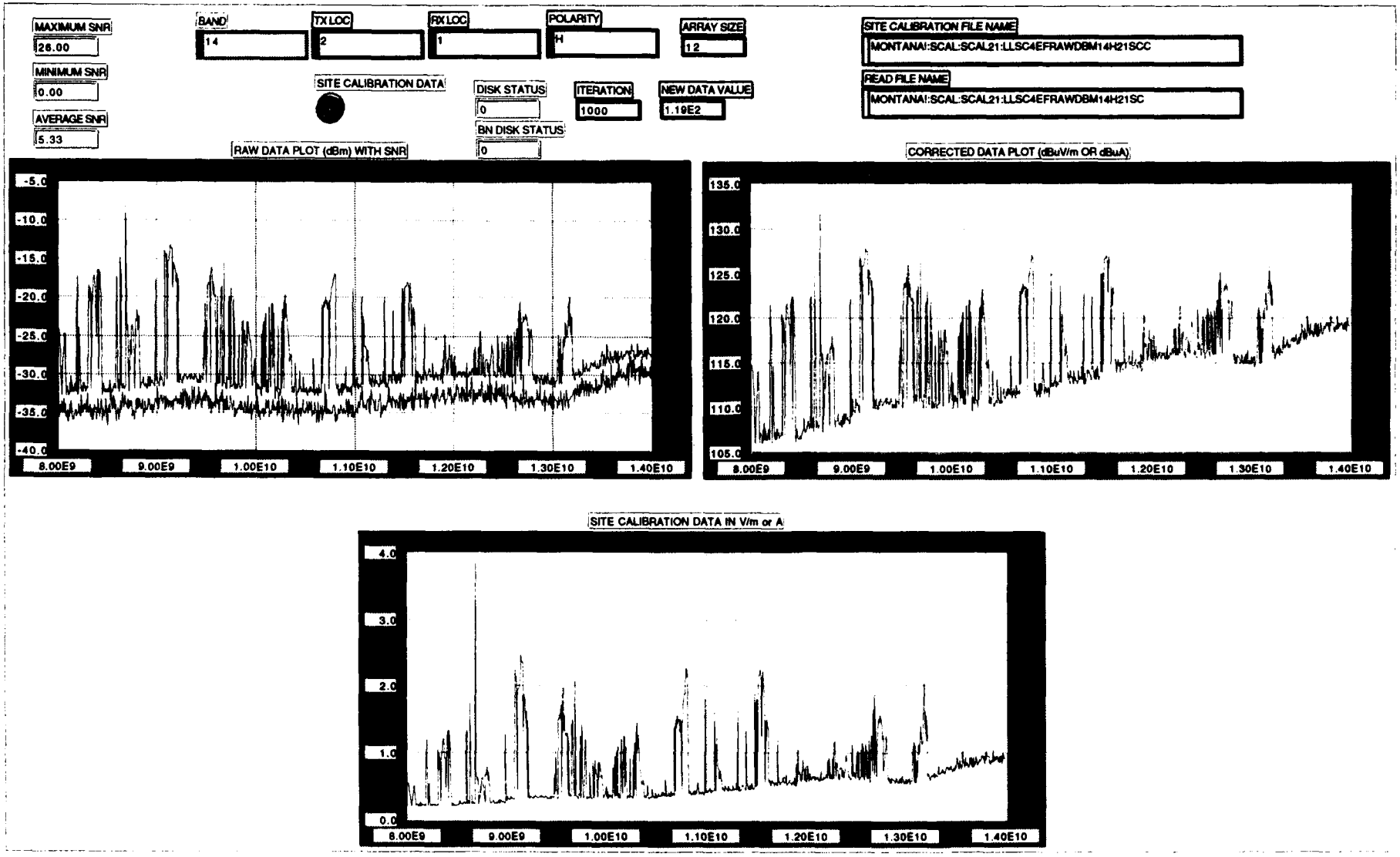

MAXIMUM SNR
60.60
MINIMUM SNR
1.20
AVERAGE SNR
52.08
BAND
9
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
21
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.04E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM9H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM9H21SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
-50
-60
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
135.0
130.0
125.0
120.0
115.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION DATA IN V/m or A
5.0
4.0
3.0
2.0
1.0
0.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9

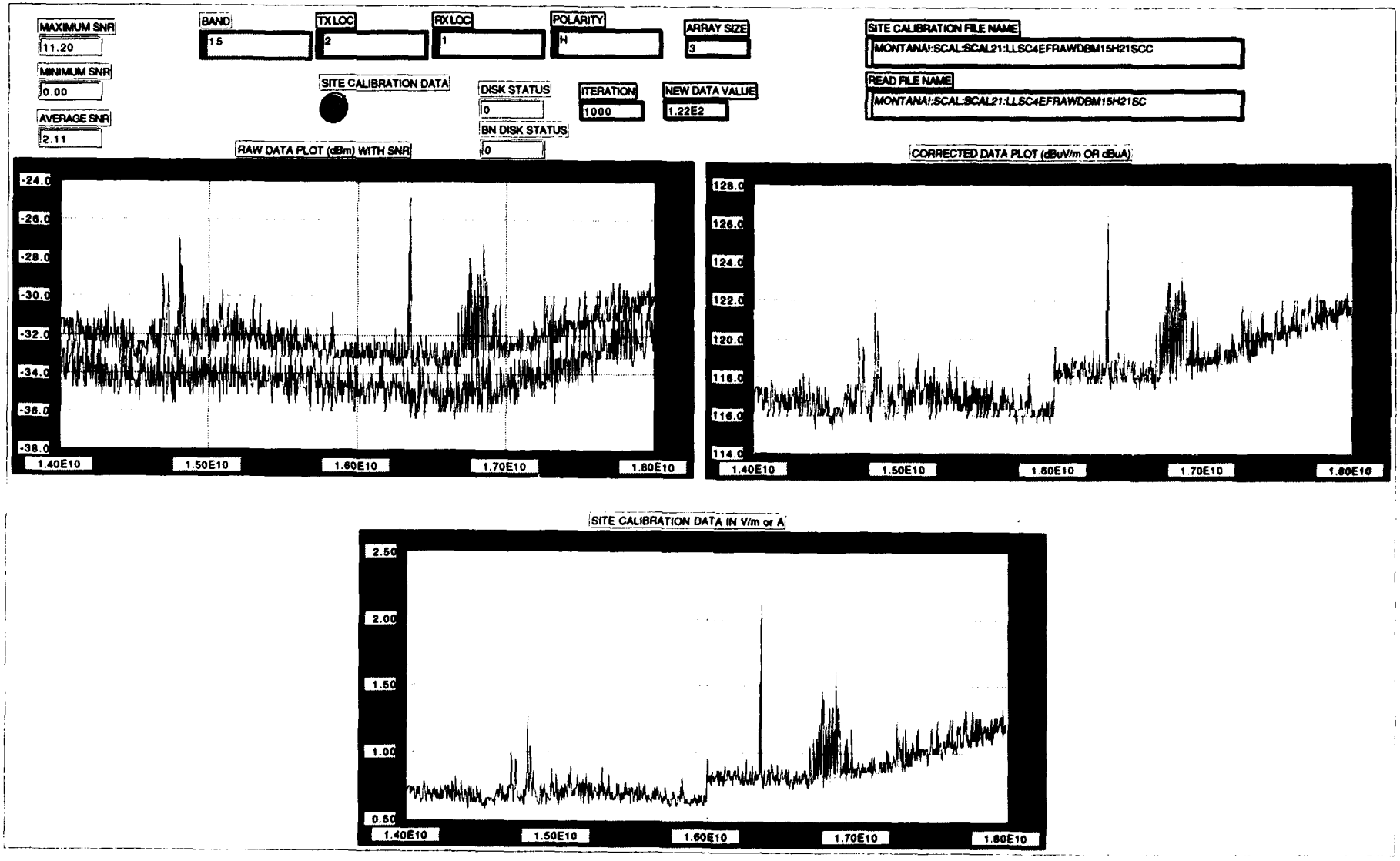

MAXIMUM SNR
35.20
MINIMUM SNR
0.00
AVERAGE SNR
17.38
BAND
10
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.18E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM10H21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM10H21SC
RAW DATA PLOT (dBm) WITH SNR
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
SITE CALIBRATION DATA IN V/m or A
2.00
1.50
1.00
0.50
0.00
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9

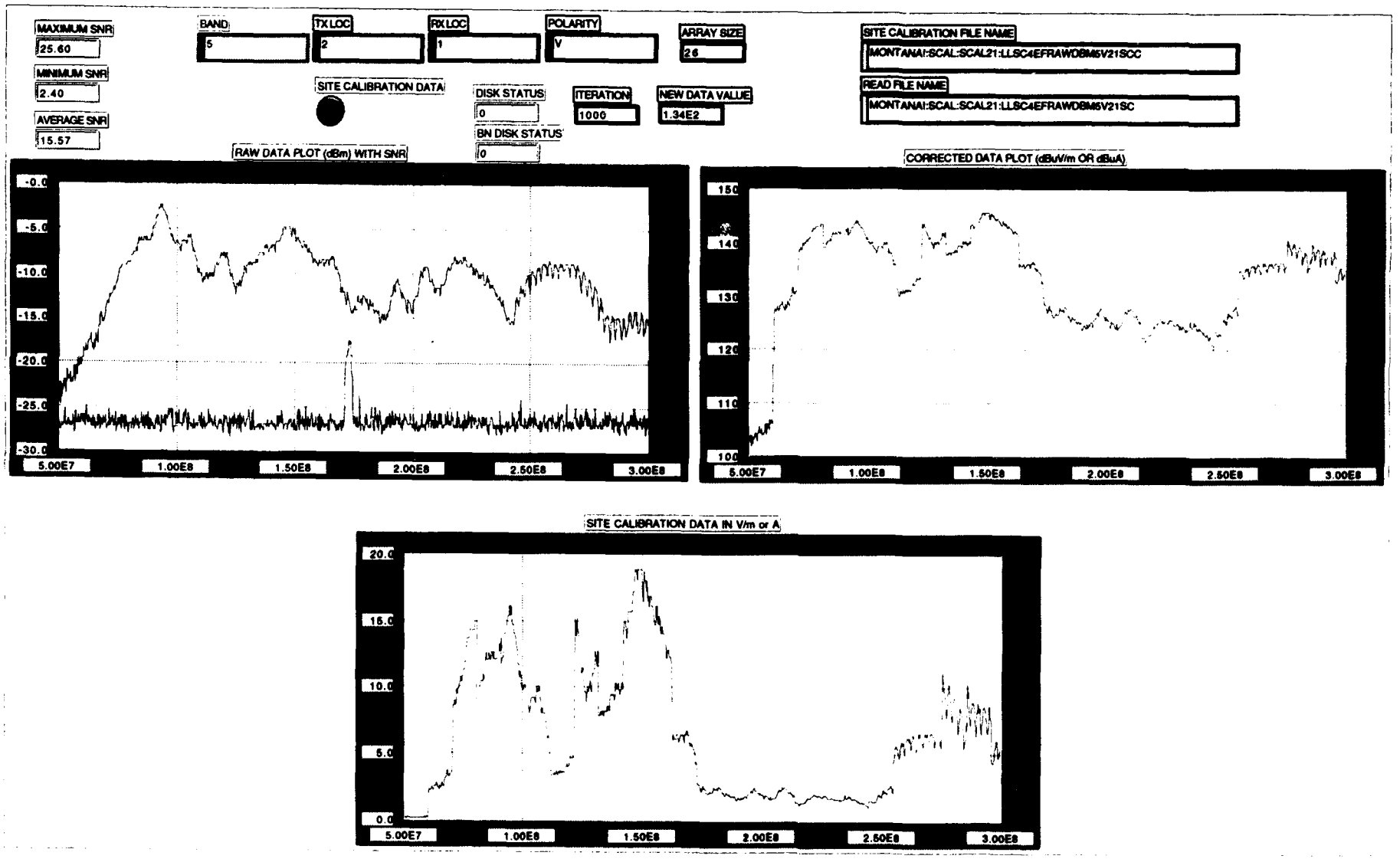

MAXIMUM SNR
56.40
MINIMUM SNR
0.00
AVERAGE SNR
41.44
BAND
11
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.50E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM11H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM11H21SC
RAW DATA PLOT (dBm) WITH SNR
10
0
-10
-20
-30
-40
-50
-60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
130
120
110
100
90
80
70
60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
SITE CALIBRATION DATA IN V/m or A
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9

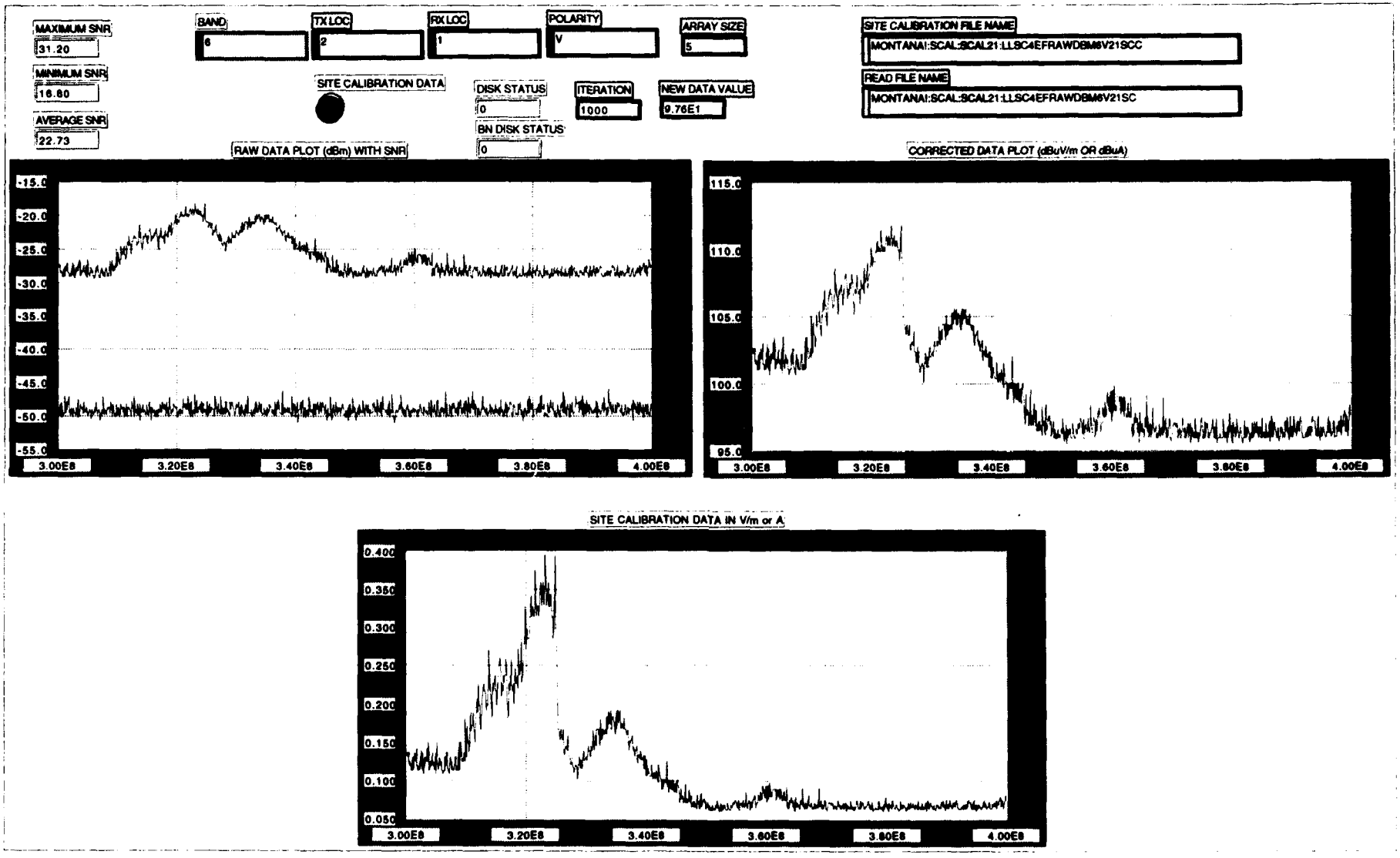

MAXIMUM SNR
14.40
MINIMUM SNR
0.00
AVERAGE SNR
5.70
BAND
12
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.23E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM12H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM12H21SC
RAW DATA PLOT (dBm) WITH SNR
5.0
0.0
-5.0
-10.0
-15.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
132.0
130.0
128.0
126.0
124.0
122.0
120.0
118.0
116.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
SITE CALIBRATION DATA IN V/m or A
3.50
3.00
2.50
2.00
1.50
1.00
0.50
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9

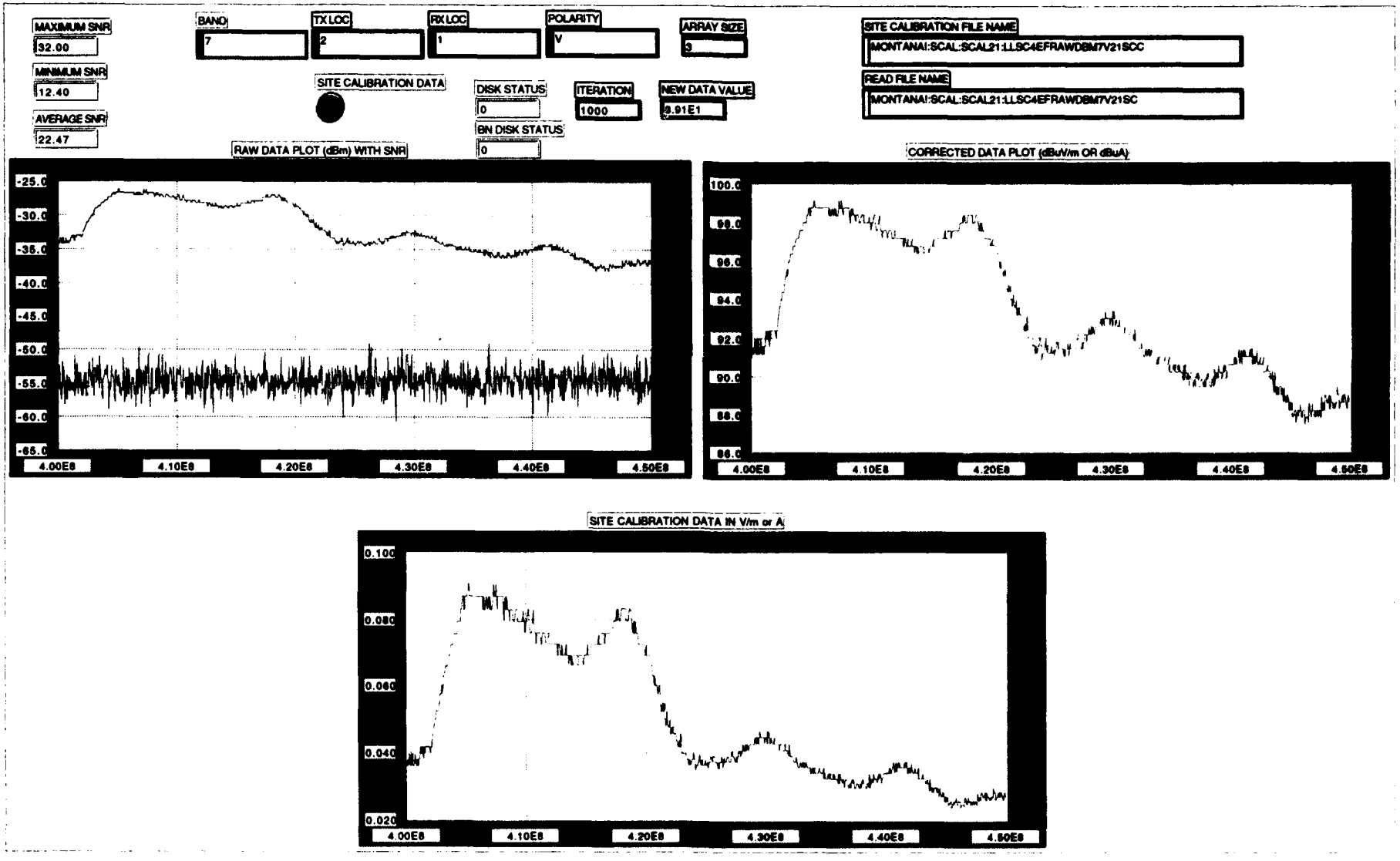

MAXIMUM SNR
22.80
MINIMUM SNR
0.40
AVERAGE SNR
8.79
BAND
13
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM13H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM13H21SC
RAW DATA PLOT (dBm) WITH SNR
-0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
135.0
130.0
125.0
120.0
115.0
110.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
SITE CALIBRATION DATA IN V/m or A
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9

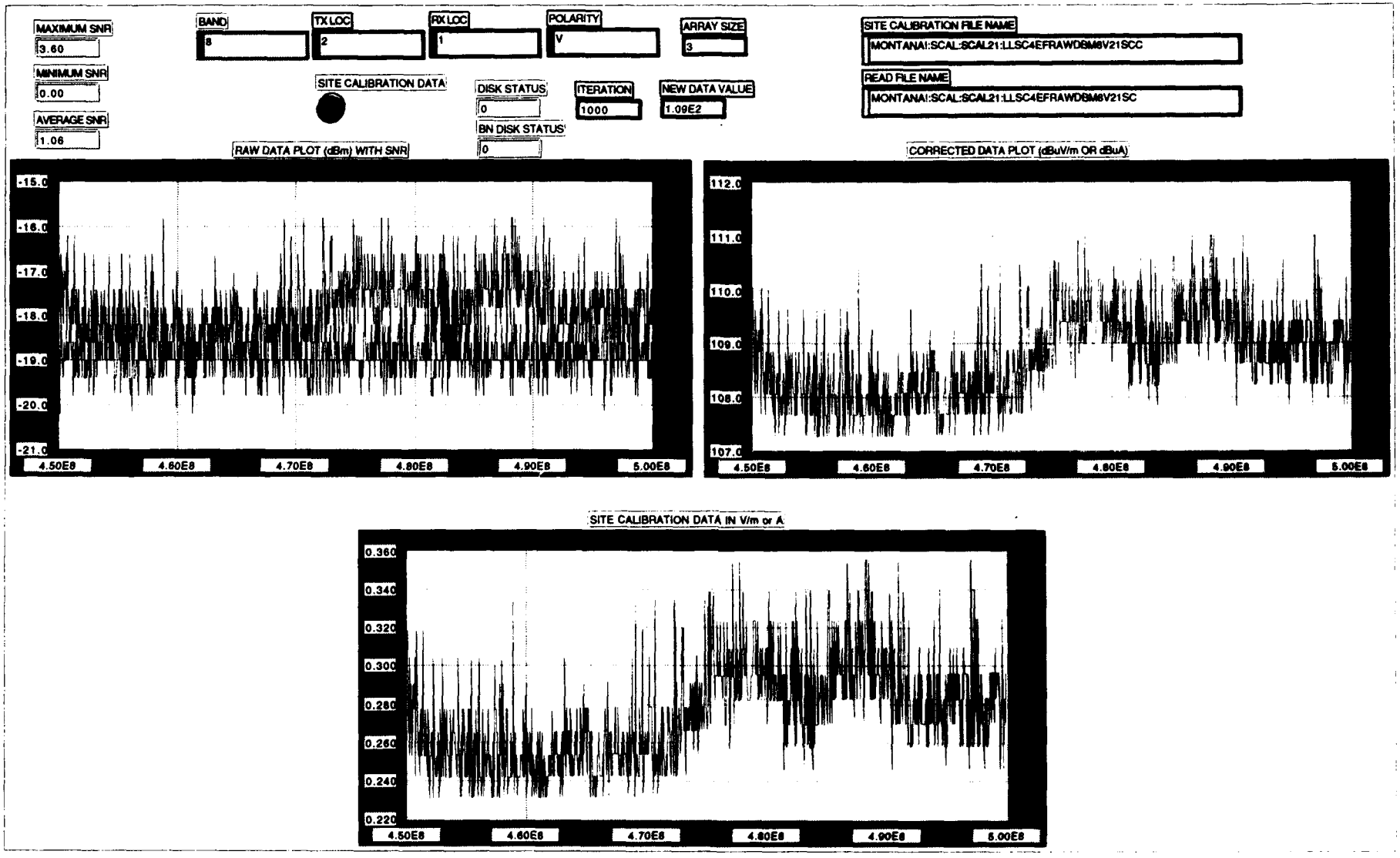

MAXIMUM SNR
26.00
MINIMUM SNR
0.00
AVERAGE SNR
5.33
BAND
14
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
12
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM14H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM14H21SC
RAW DATA PLOT (dBm) WITH SNR
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10
CORRECTED DATA PLOT (dBuV/m OR dBuA)
135.0
130.0
125.0
120.0
115.0
110.0
105.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10
SITE CALIBRATION DATA IN V/m or A
4.0
3.0
2.0
1.0
0.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10

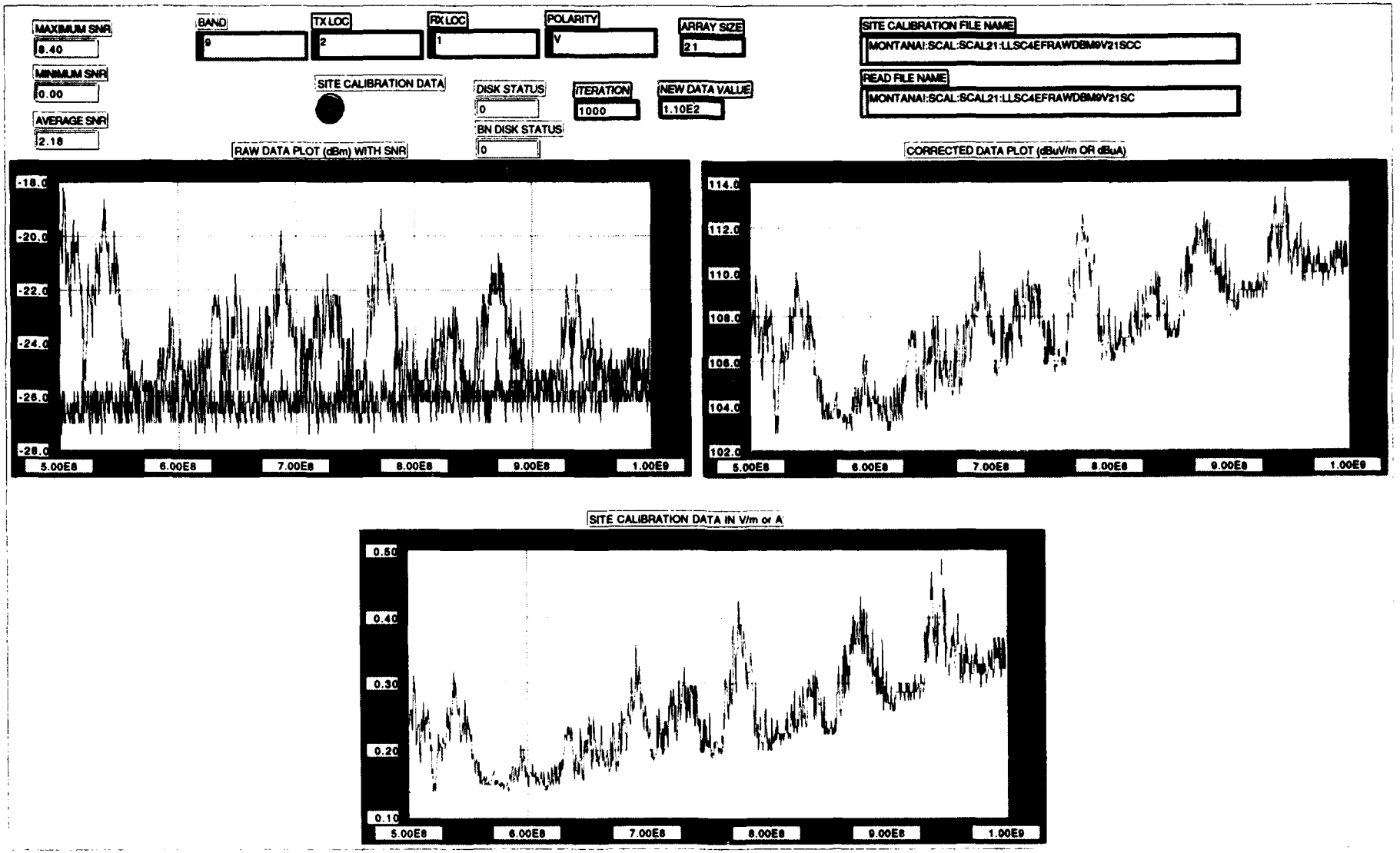

MAXIMUM SNR
11.20
MINIMUM SNR
0.00
AVERAGE SNR
2.11
BAND
15
TX LOC
2
RX LOC
1
POLARITY
H
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.22E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM15H21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM15H21SC
RAW DATA PLOT (dBm) WITH SNR
-24.0
-26.0
-28.0
-30.0
-32.0
-34.0
-36.0
-38.0
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10
CORRECTED DATA PLOT (dBuV/m OR dBuA)
128.0
126.0
124.0
122.0
120.0
118.0
116.0
114.0
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10
SITE CALIBRATION DATA IN V/m or A
2.50
2.00
1.50
1.00
0.50
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10

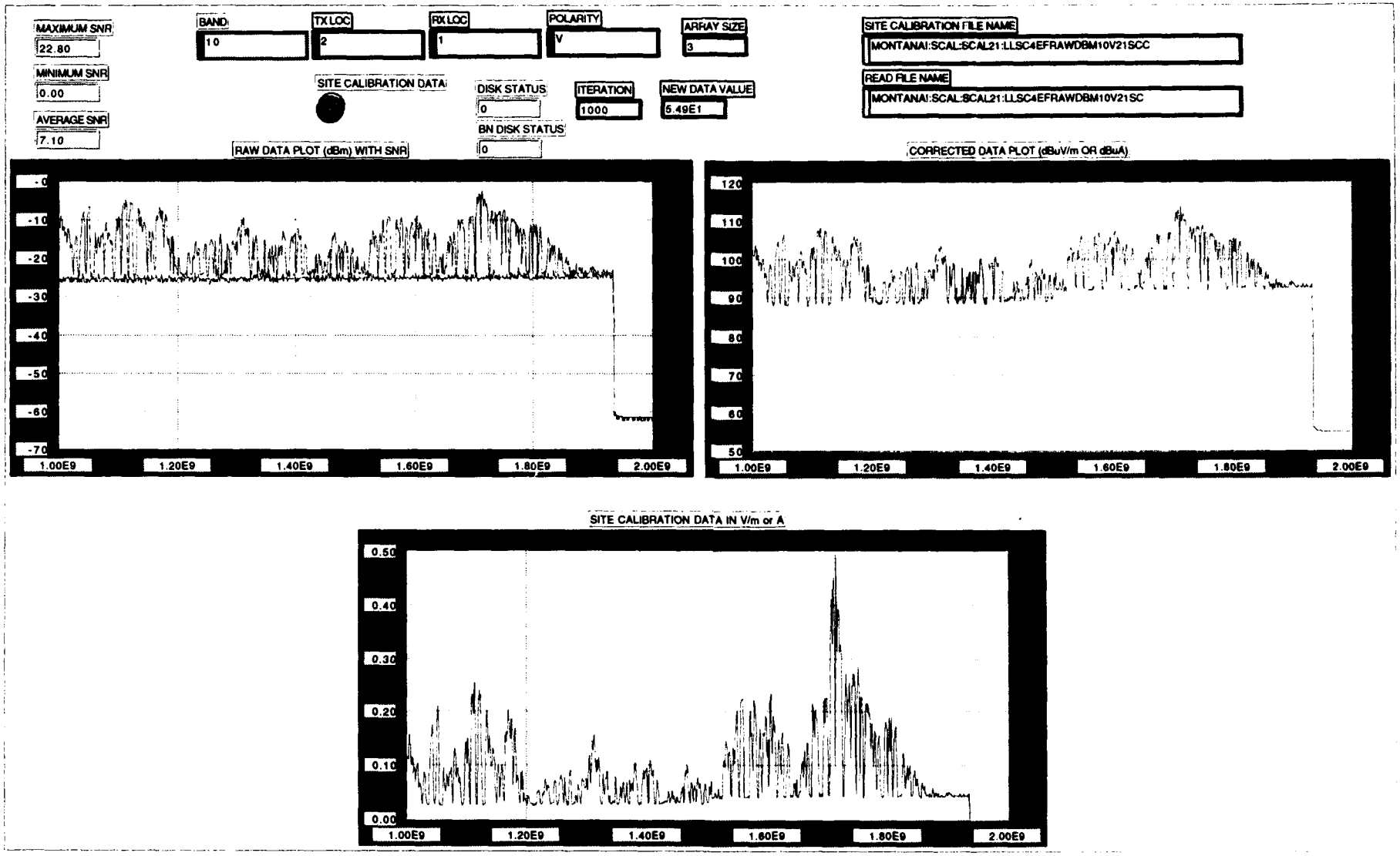

MAXIMUM SNR
25.60
MINIMUM SNR
2.40
AVERAGE SNR
15.57
BAND
5
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
26
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.34E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM6V21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM6V21SC
RAW DATA PLOT (dBm) WITH SNR
-0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
150
140
130
120
110
100
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION DATA IN V/m or A
20.0
15.0
10.0
5.0
0.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8

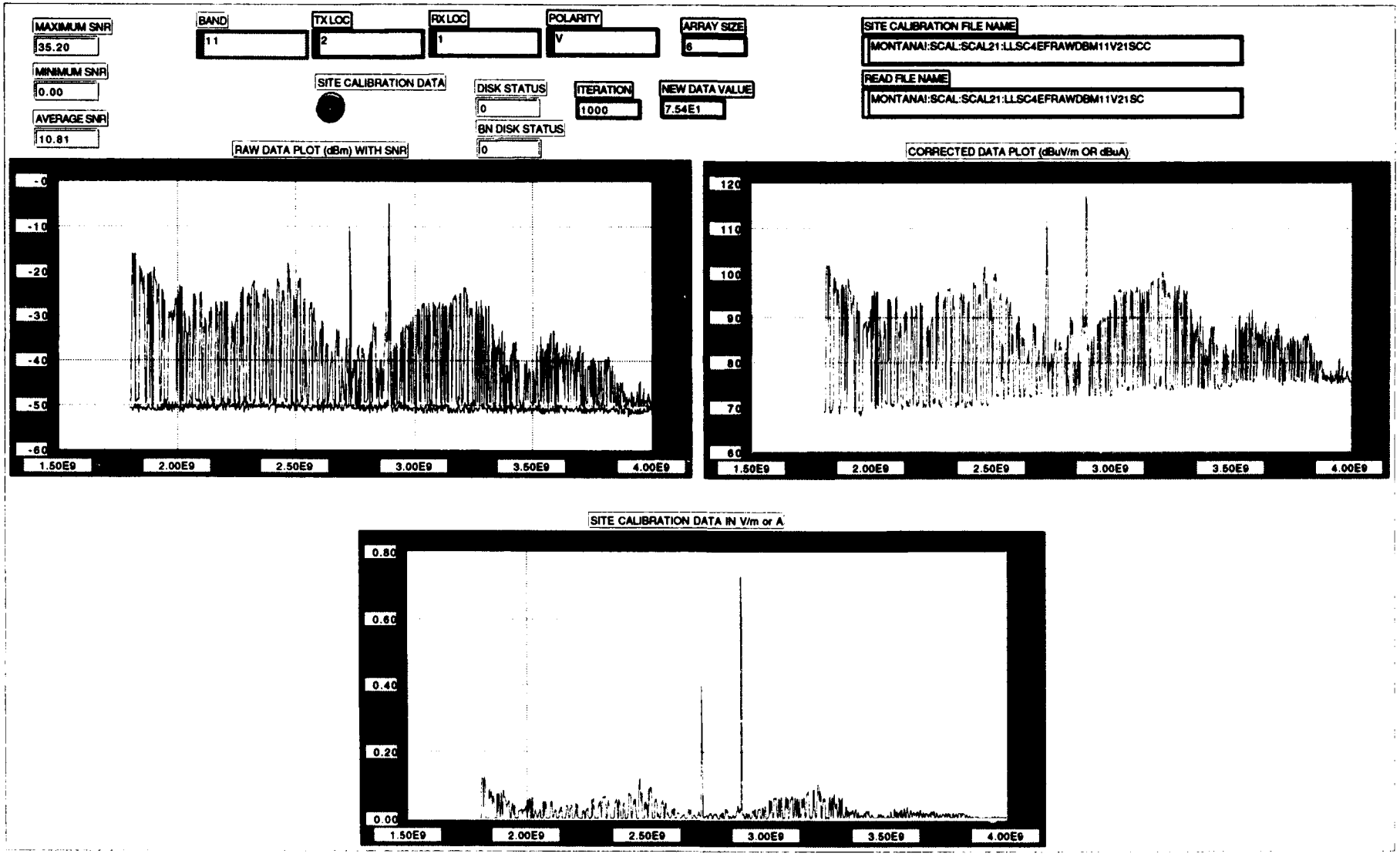

MAXIMUM SNR
31.20
MINIMUM SNR
16.60
AVERAGE SNR
22.73
BAND
6
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.76E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM6V21SC
RAW DATA PLOT (dBm) WITH SNR
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION DATA IN V/m or A
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8

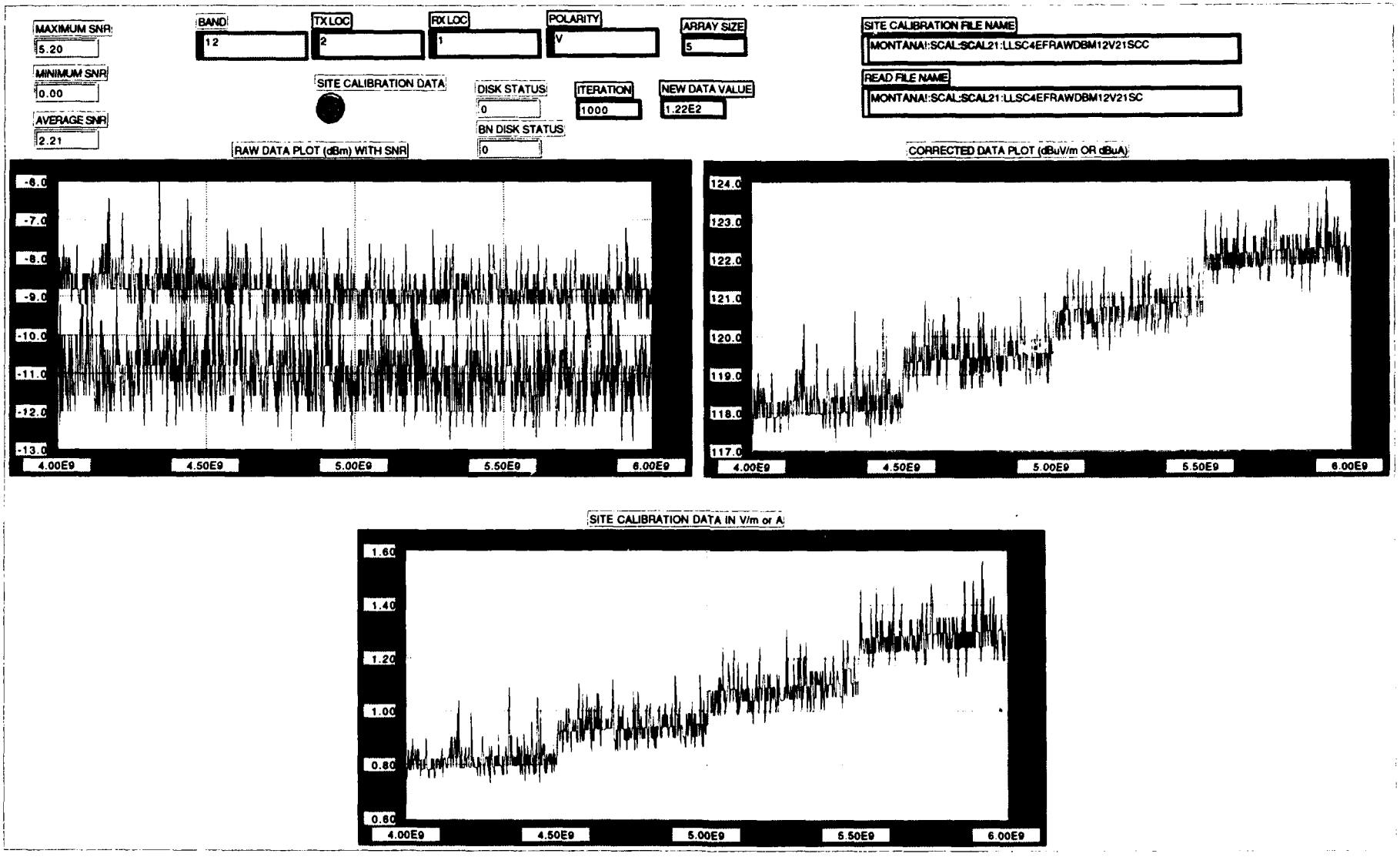

MAXIMUM SNR
32.00
MINIMUM SNR
12.40
AVERAGE SNR
22.47
BAND
7
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
9.91E1
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM7V21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM7V21SC
RAW DATA PLOT (dBm) WITH SNR
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
100.0
98.0
96.0
94.0
92.0
90.0
88.0
86.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION DATA IN V/m or A
0.100
0.080
0.060
0.040
0.020
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8

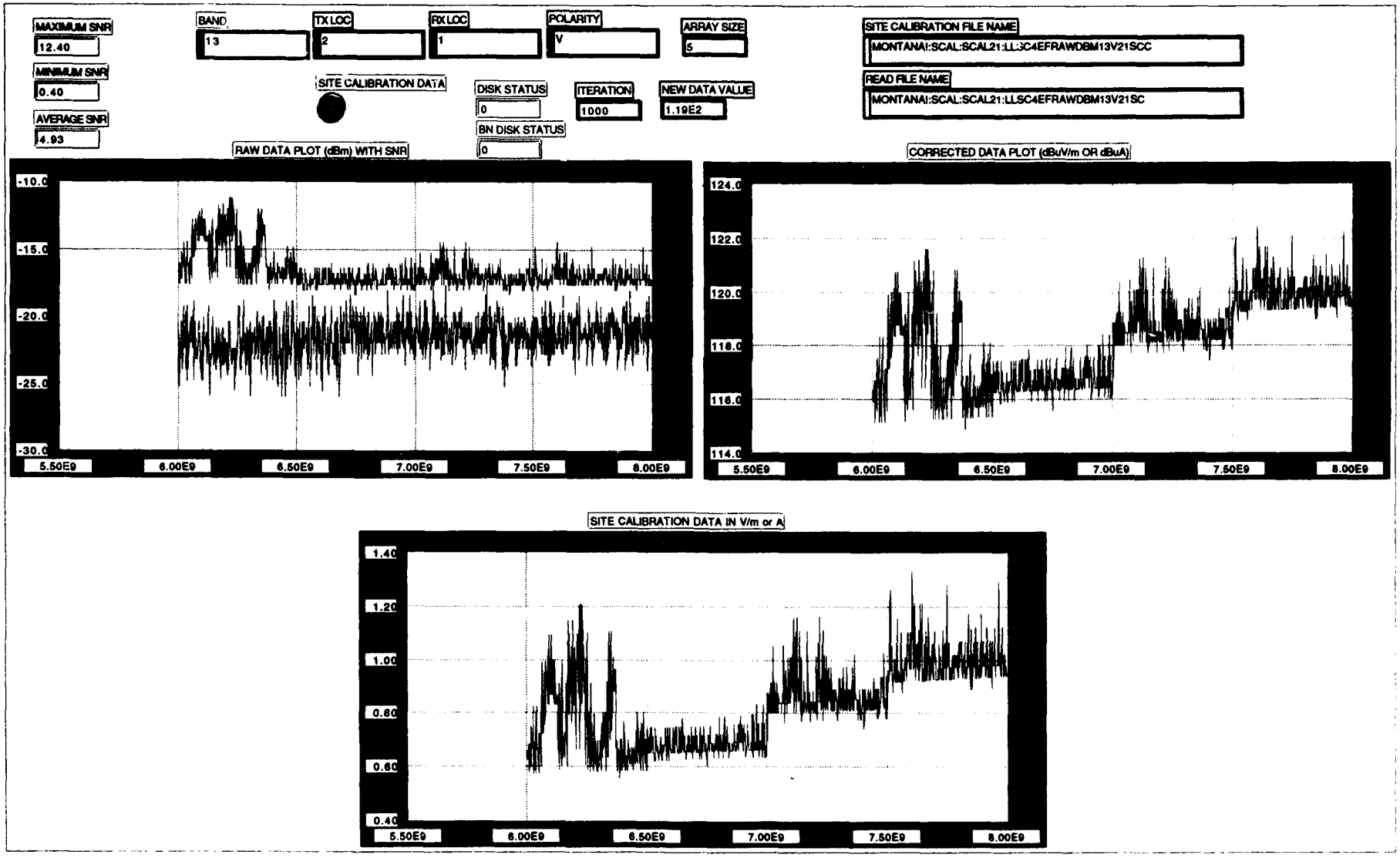

MAXIMUM SNR
3.60
MINIMUM SNR
0.00
AVERAGE SNR
1.06
BAND
8
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.09E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWD8M8V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWD8M8V21SC
RAW DATA PLOT (dBm) WITH SNR
-15.0
-16.0
-17.0
-18.0
-19.0
-20.0
-21.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
CORRECTED DATA PLOT (dBuV/m OR dBuA)
112.0
111.0
110.0
109.0
108.0
107.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION DATA IN V/m or A
0.360
0.340
0.320
0.300
0.280
0.260
0.240
0.220
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8

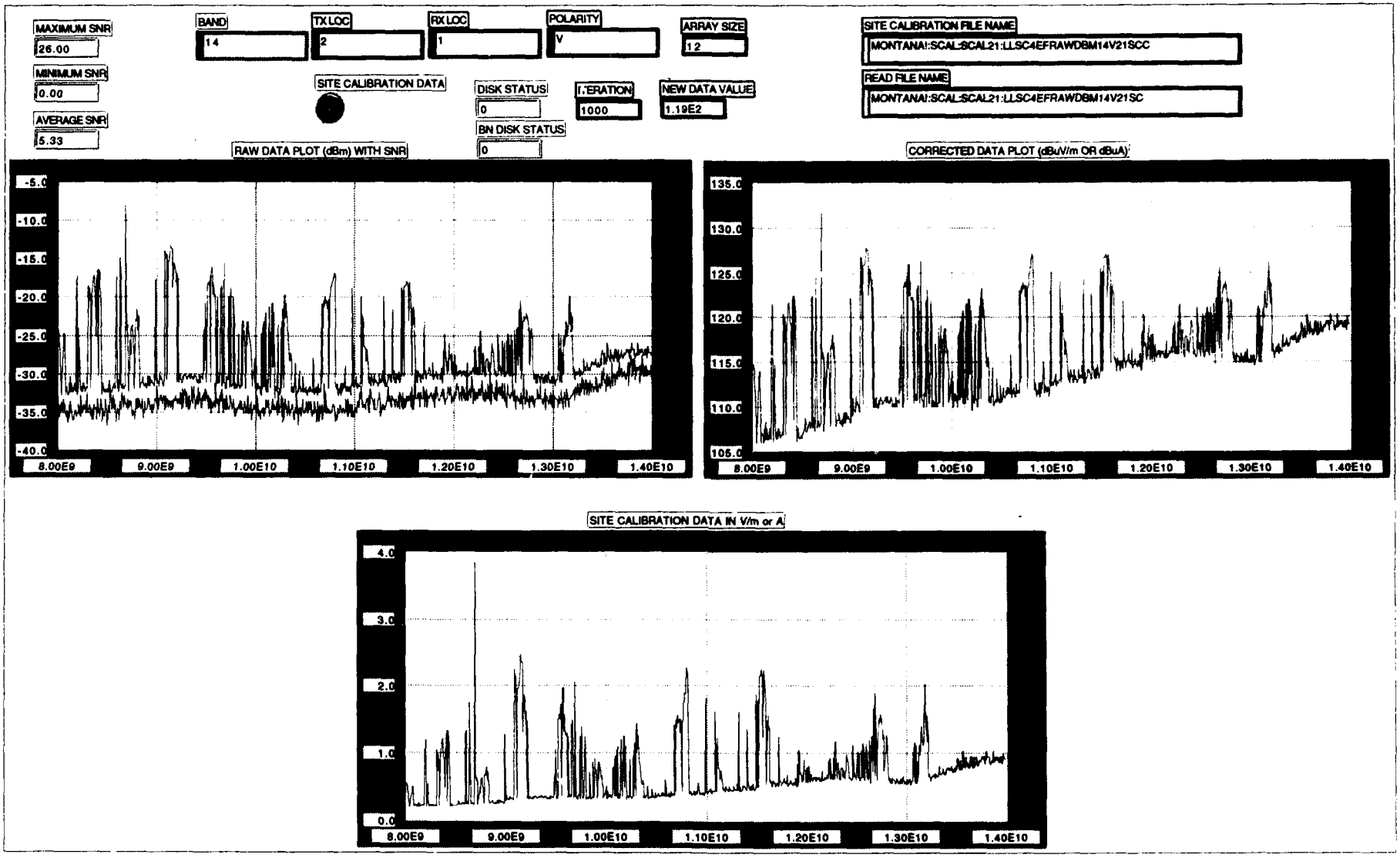

MAXIMUM SNR
8.40
MINIMUM SNR
0.00
AVERAGE SNR
2.18
BAND
9
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
21
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.10E2
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM9V21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM9V21SC
RAW DATA PLOT (dBm) WITH SNR
-18.0
-20.0
-22.0
-24.0
-26.0
-28.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
114.0
112.0
110.0
108.0
106.0
104.0
102.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION DATA IN V/m or A
0.50
0.40
0.30
0.20
0.10
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9

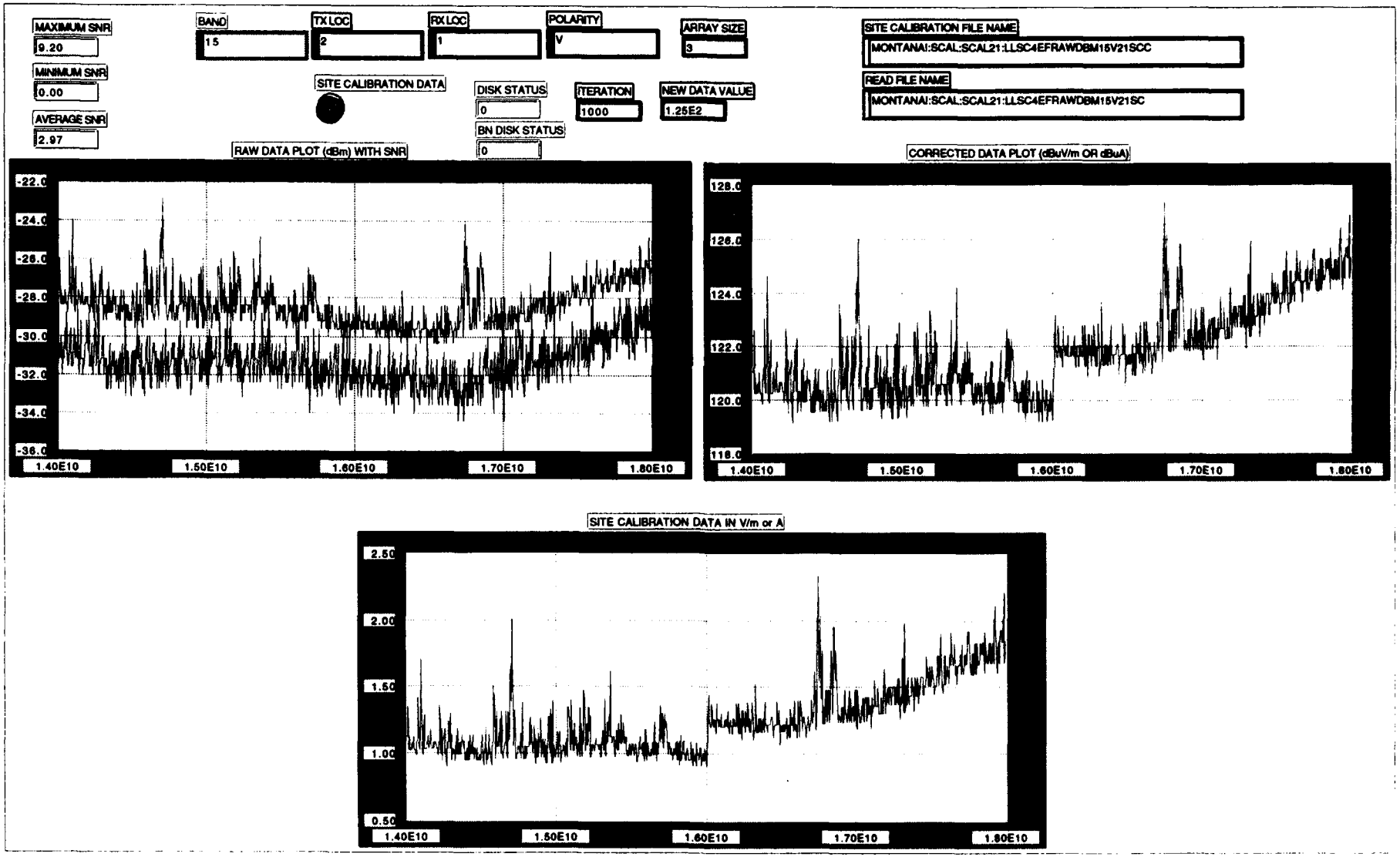

MAXIMUM SNR
22.80
MINIMUM SNR
0.00
AVERAGE SNR
7.10
BAND
10
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
5.49E1
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM10V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM10V21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
-70
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
2.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
120
110
100
90
80
70
60
50
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
2.00E9
SITE CALIBRATION DATA IN V/m or A
0.50
0.40
0.30
0.20
0.10
0.00
1.00E9
1.20E9
1.40E9
1.60E9
1.80E9
2.00E9


MAXIMUM SNR
35.20
MINIMUM SNR
0.00
AVERAGE SNR
10.81
BAND
11
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
6
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
7.54E1
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM11V21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM11V21SC
RAW DATA PLOT (dBm) WITH SNR
-0
-10
-20
-30
-40
-50
-60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
120
110
100
90
80
70
60
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9
SITE CALIBRATION DATA IN V/m or A
0.80
0.60
0.40
0.20
0.00
1.50E9
2.00E9
2.50E9
3.00E9
3.50E9
4.00E9


MAXIMUM SNR
5.20
MINIMUM SNR
0.00
AVERAGE SNR
2.21
BAND
12
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
BN DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.22E2
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM12V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM12V21SC
RAW DATA PLOT (dBm) WITH SNR
-6.0
-7.0
-8.0
-9.0
-10.0
-11.0
-12.0
-13.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
124.0
123.0
122.0
121.0
120.0
119.0
118.0
117.0
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9
SITE CALIBRATION DATA IN V/m or A
1.60
1.40
1.20
1.00
0.80
0.60
4.00E9
4.50E9
5.00E9
5.50E9
6.00E9


MAXIMUM SNR
12.40
MINIMUM SNR
0.40
AVERAGE SNR
4.93
BAND
13
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
5
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LL:3C4EFRAWDBM13V21SCC
READ FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM13V21SC
RAW DATA PLOT (dBm) WITH SNR
-10.0
-15.0
-20.0
-25.0
-30.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
CORRECTED DATA PLOT (dBuV/m OR dBuA)
124.0
122.0
120.0
118.0
116.0
114.0
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9
SITE CALIBRATION DATA IN V/m or A
1.40
1.20
1.00
0.80
0.60
0.40
5.50E9
6.00E9
6.50E9
7.00E9
7.50E9
8.00E9


MAXIMUM SNR
26.00
MINIMUM SNR
0.00
AVERAGE SNR
5.33
BAND
14
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
12
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.19E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM14V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM14V21SC
RAW DATA PLOT (dBm) WITH SNR
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10
CORRECTED DATA PLOT (dBuV/m OR dBuA)
135.0
130.0
125.0
120.0
115.0
110.0
105.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10
SITE CALIBRATION DATA IN V/m or A
4.0
3.0
2.0
1.0
0.0
8.00E9
9.00E9
1.00E10
1.10E10
1.20E10
1.30E10
1.40E10


MAXIMUM SNR
9.20
MINIMUM SNR
0.00
AVERAGE SNR
2.97
BAND
15
TX LOC
2
RX LOC
1
POLARITY
V
ARRAY SIZE
3
SITE CALIBRATION DATA
DISK STATUS
0
ITERATION
1000
NEW DATA VALUE
1.25E2
BN DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM15V21SCC
READ FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM15V21SC
RAW DATA PLOT (dBm) WITH SNR
-22.0
-24.0
-26.0
-28.0
-30.0
-32.0
-34.0
-36.0
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10
CORRECTED DATA PLOT (dBuV/m OR dBuA)
128.0
126.0
124.0
122.0
120.0
118.0
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10
SITE CALIBRATION DATA IN V/m or A
2.50
2.00
1.50
1.00
0.50
1.40E10
1.50E10
1.60E10
1.70E10
1.80E10

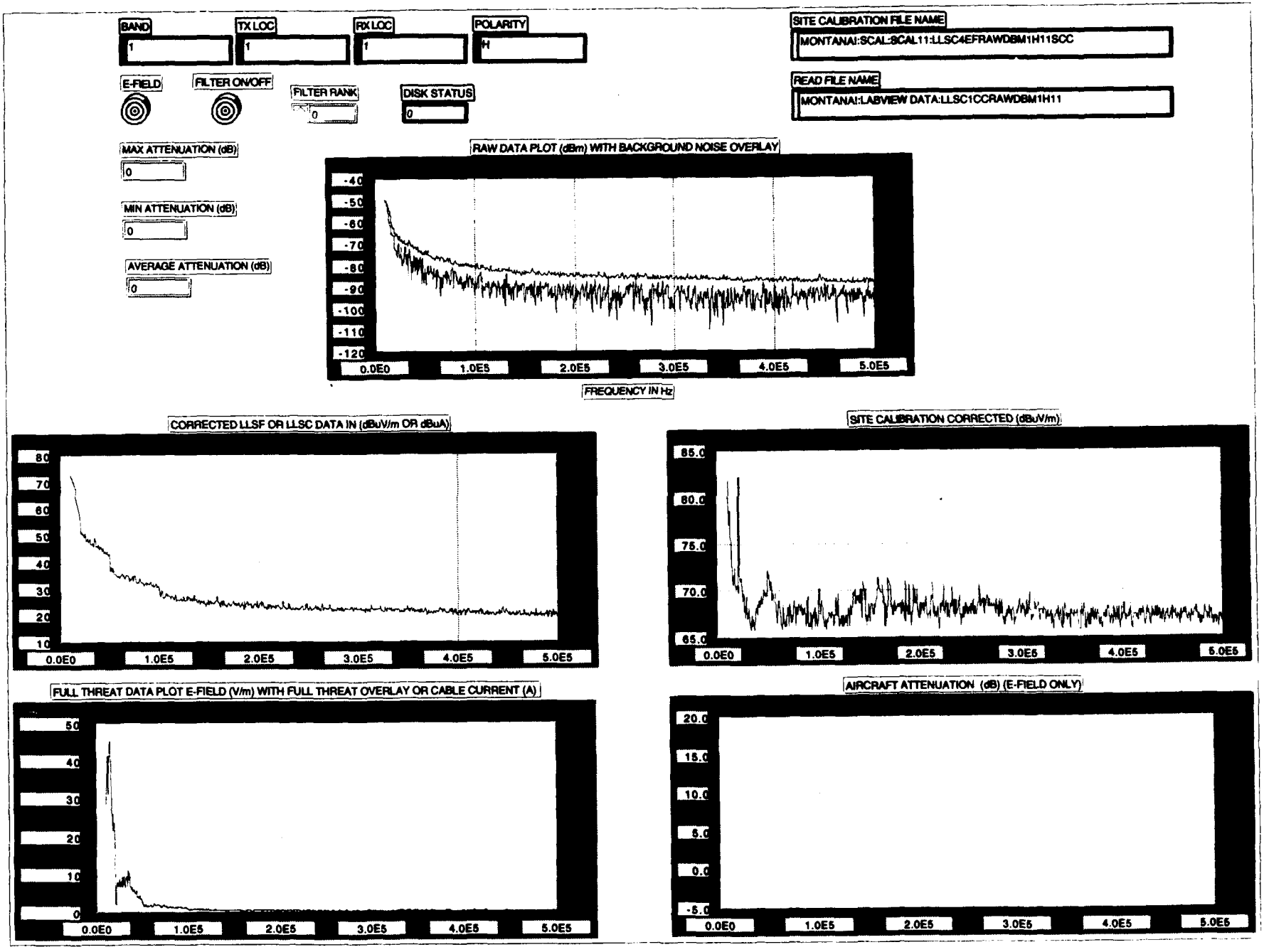
SECTION 2

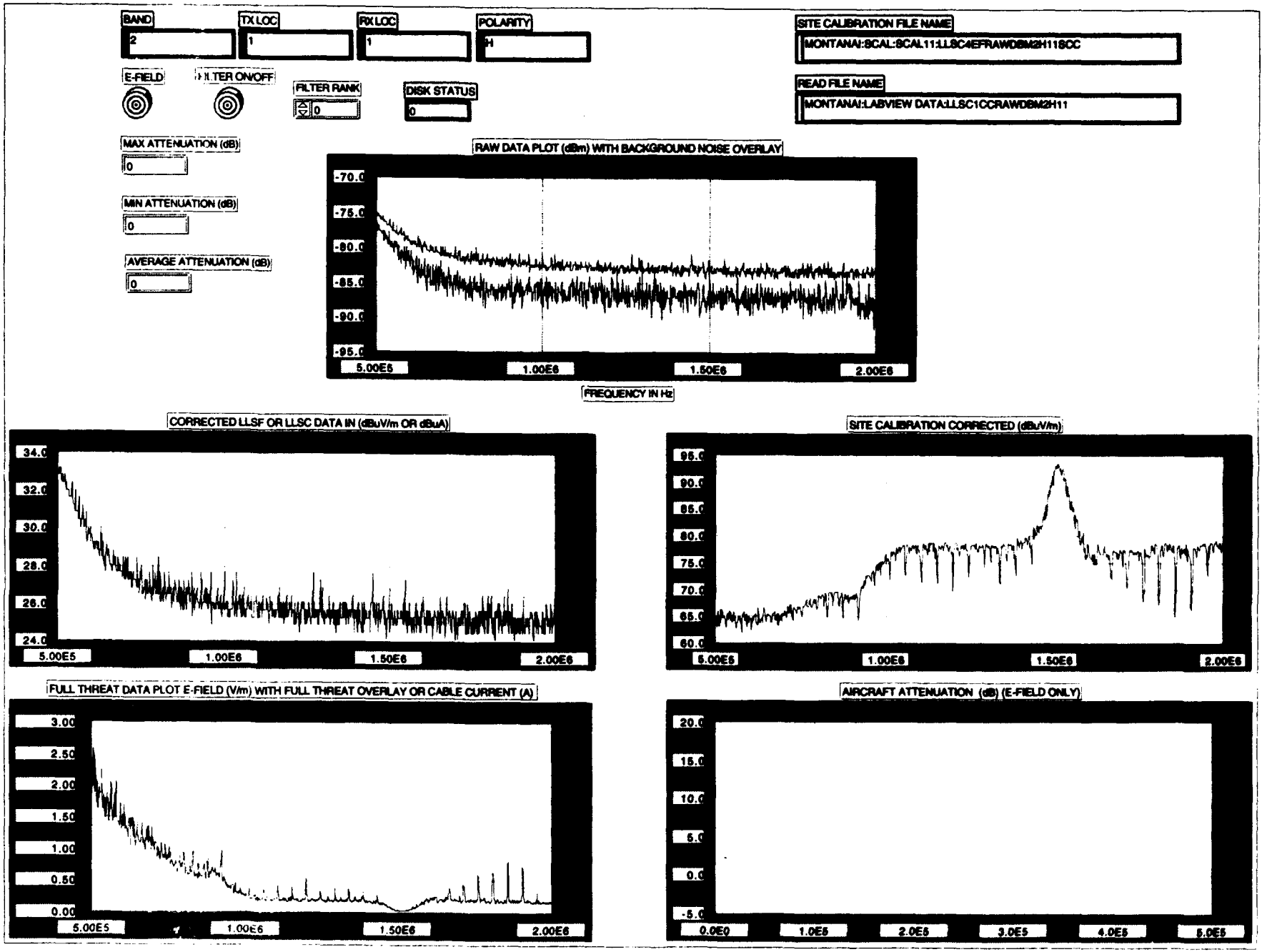
LLSC DATA PLOT DESCRIPTION

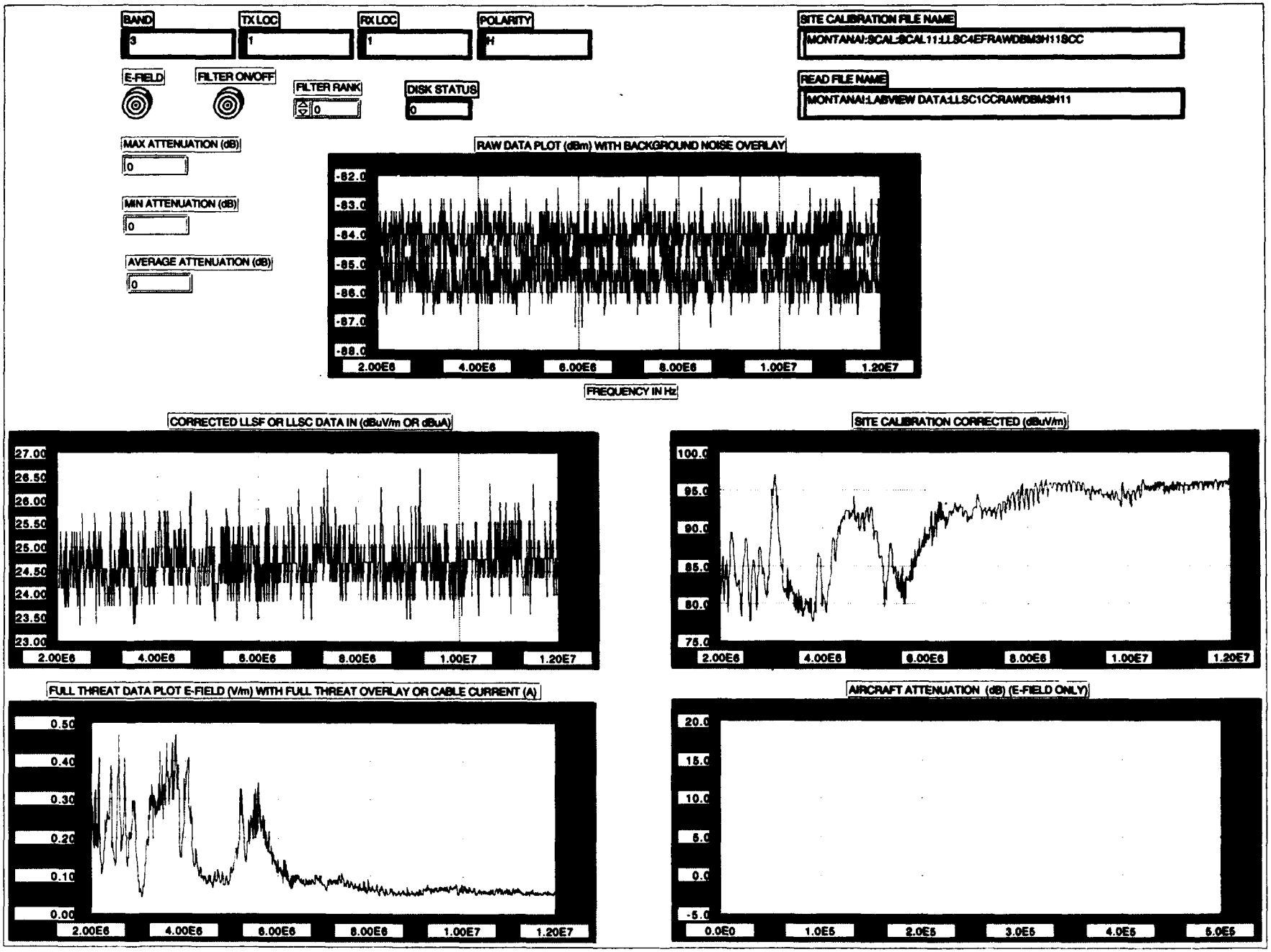
The LLSC data plots (sample on the following page) each contain the following information:

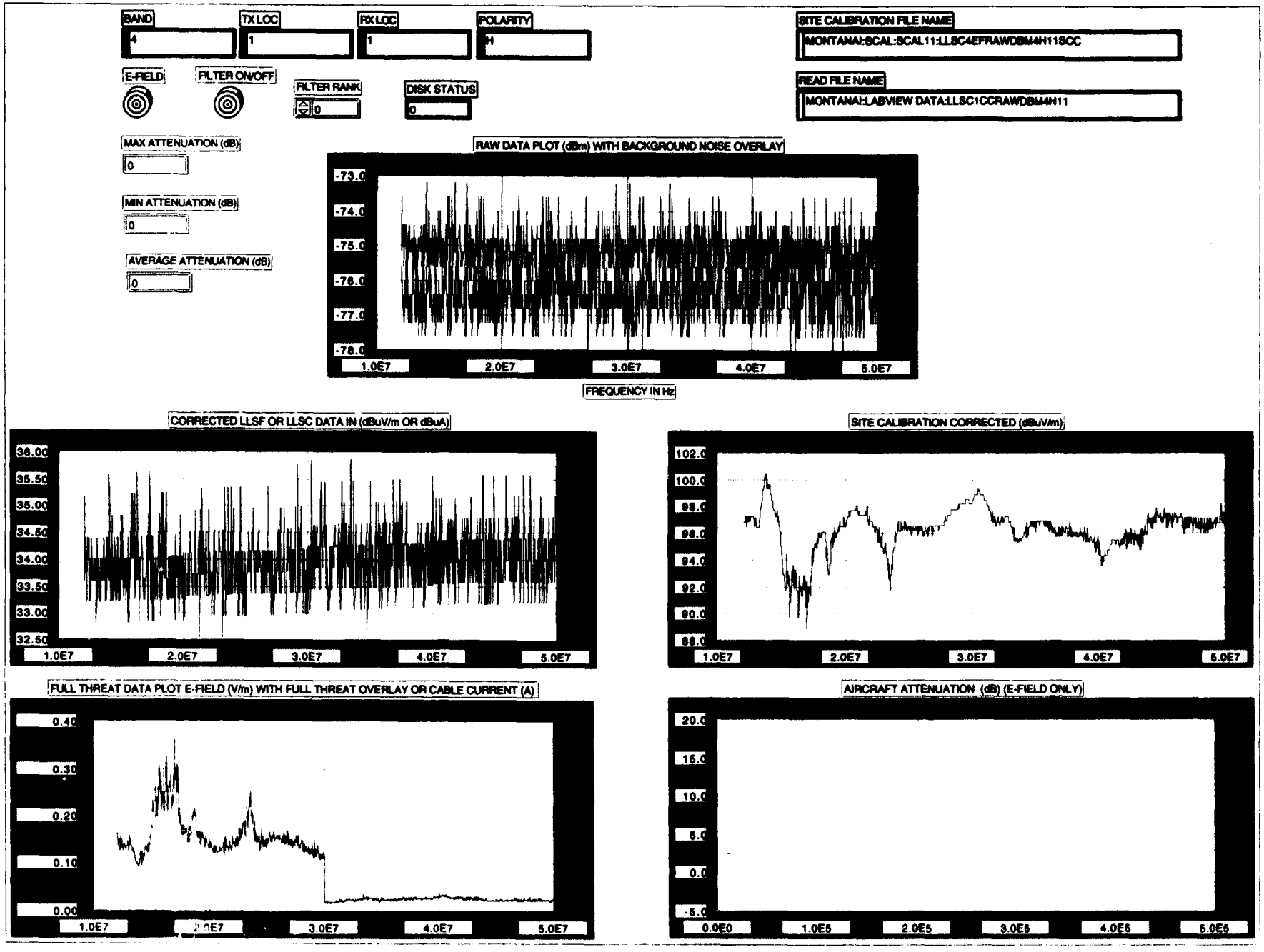
- Band number identification (Band)
- S-76 orientation during the test (TXLOC)
- Receive configuration location (RXLOC)
- Transmit Antennae Polarity (POLARITY)
- Full threat data array size (ARRAY SIZE - used internally by software application to process the data)
- Name of the corrected SCAL data file
- Data type indicator (if white indicates plot is LLSC data)
- SCAL data type indicator (if black indicated plot is SCAL data)
- Disk read error indicator (DISK STATUS)
- Single corrected data value (NEW DATA VALUE - used internally by software application to process data)
- Original uncorrected LLSC data file name (READ FILE NAME)
- Original LLSC Data Plot in dBm with background noise overlay (RAW DATA PLOT (dBm) WITH SNR)
- Corrected data plot in dBuA (CORRECTED DATA PLOT dBuV/m OR dBuA)
- SCAL corrected data plot with values in dBuV/m (SITE CALIBRATION CORRECTED (dBuV))
- LLSC data plot extrapolated to full threat (FULL THREAT DATA PLOT (V/m) OR CABLE CURRENT (A) WITH FULL THREAT OVERLAY)

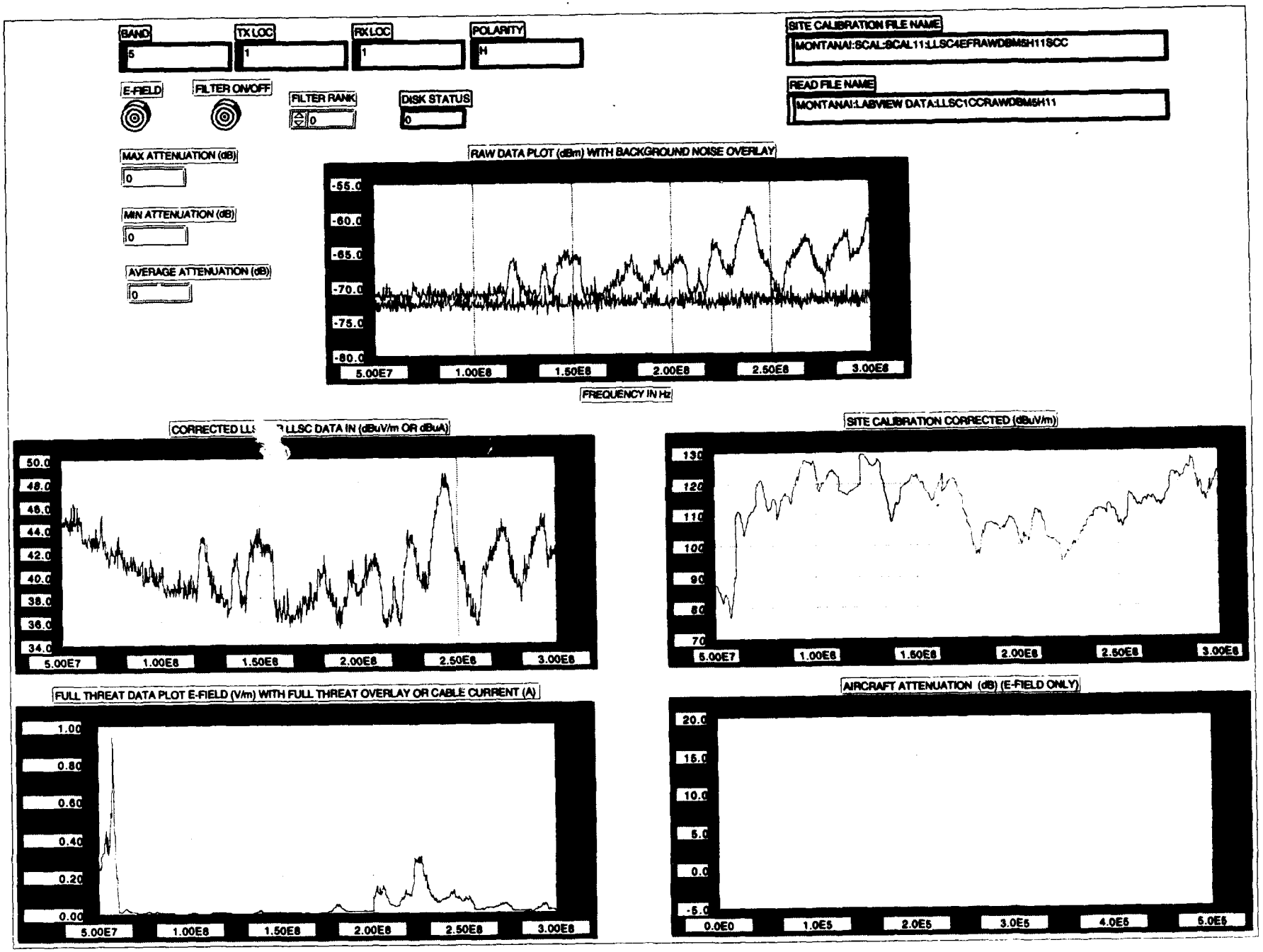
SECTION 2-1
PILOT DISPLAY UNIT LLSC DATA PLOTS

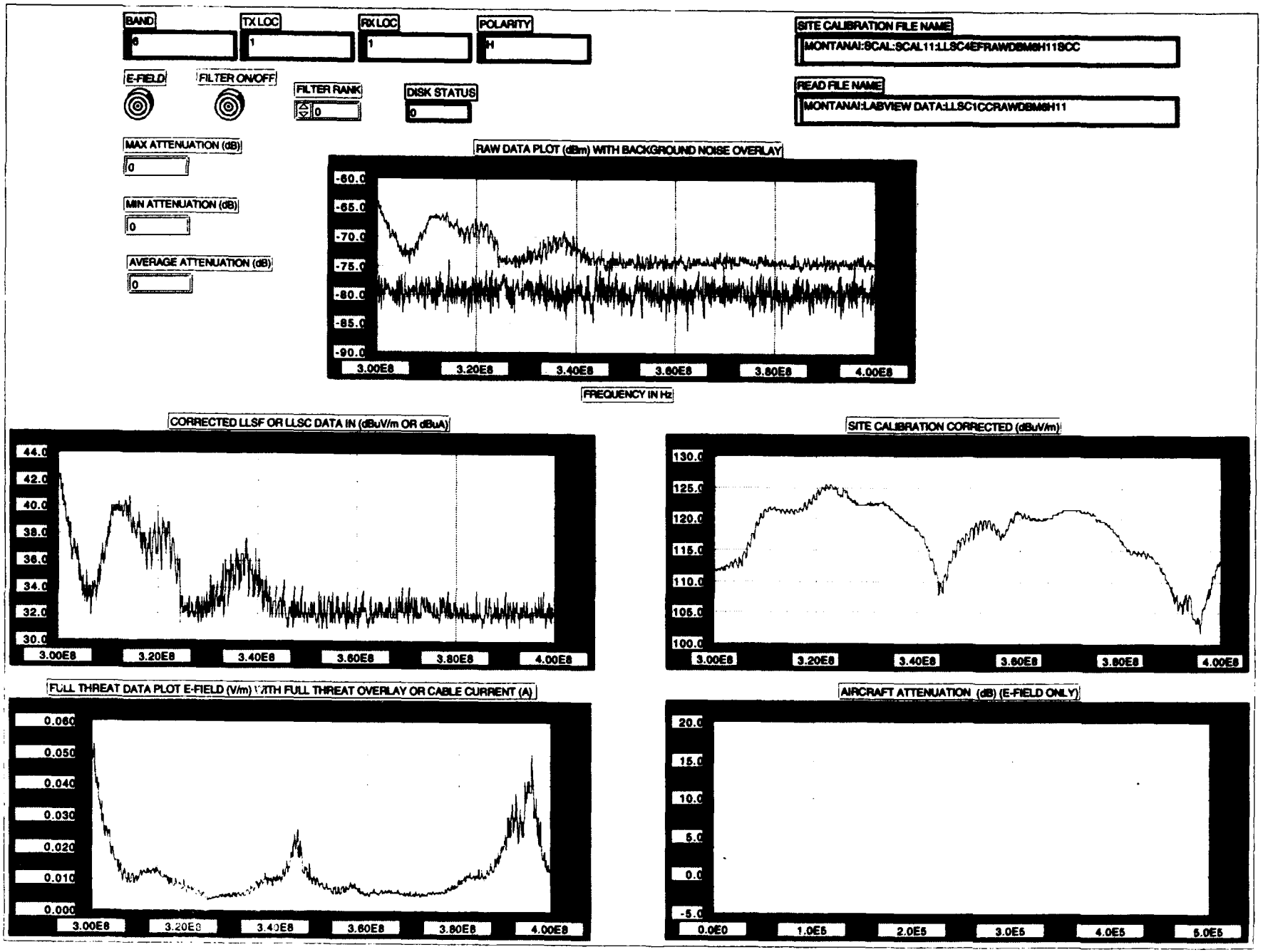

BAND
1
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM1H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM1H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
-100
-110
-120
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
10
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
50
40
30
20
10
0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

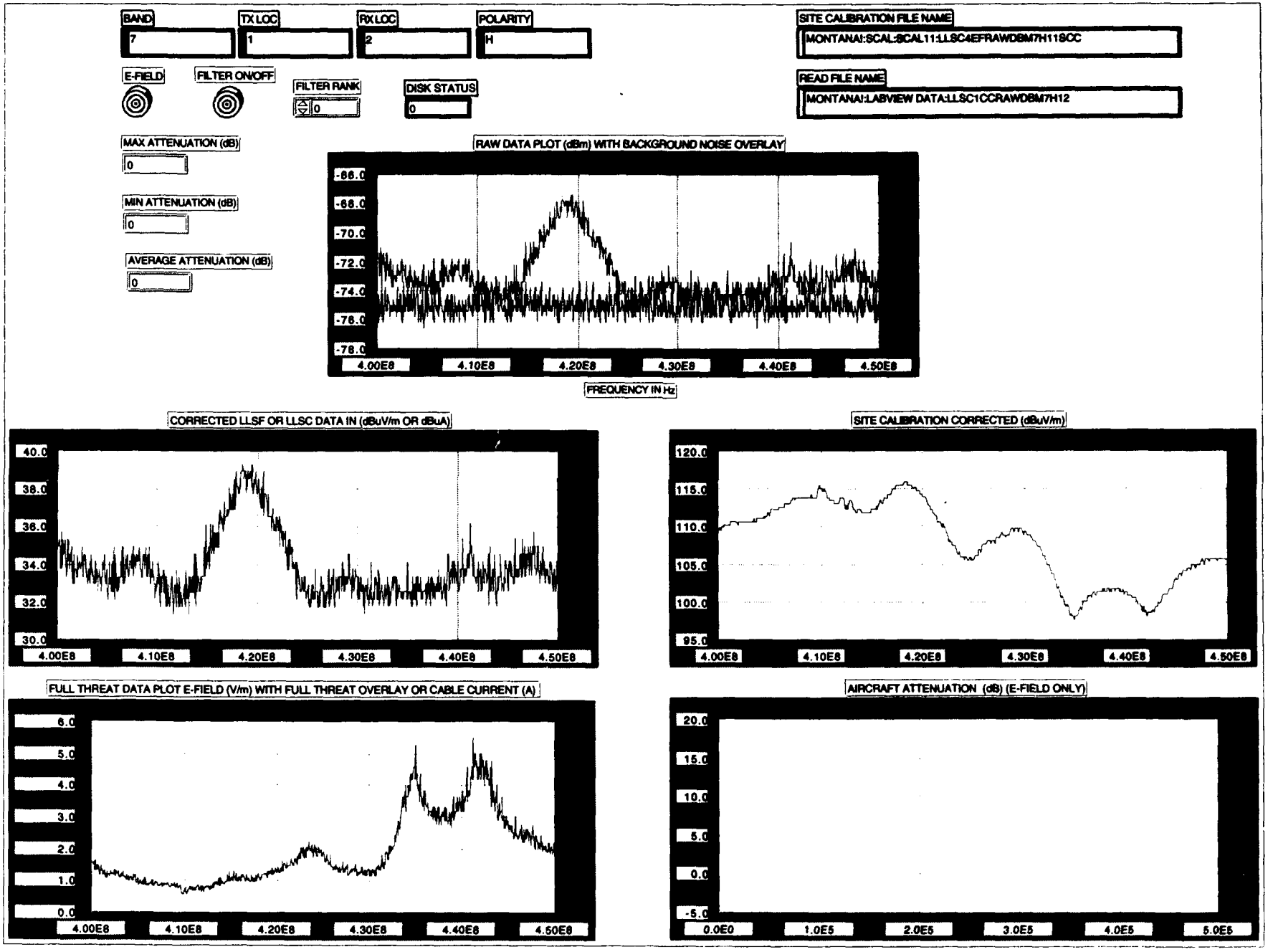

BAND
2
TX LOC
1
RX LOC
1
POLARITY
-1
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM2H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM2H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-70.0
-75.0
-80.0
-85.0
-90.0
-95.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
34.0
32.0
30.0
28.0
26.0
24.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
95.0
90.0
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
3.00
2.50
2.00
1.50
1.00
0.50
0.00
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

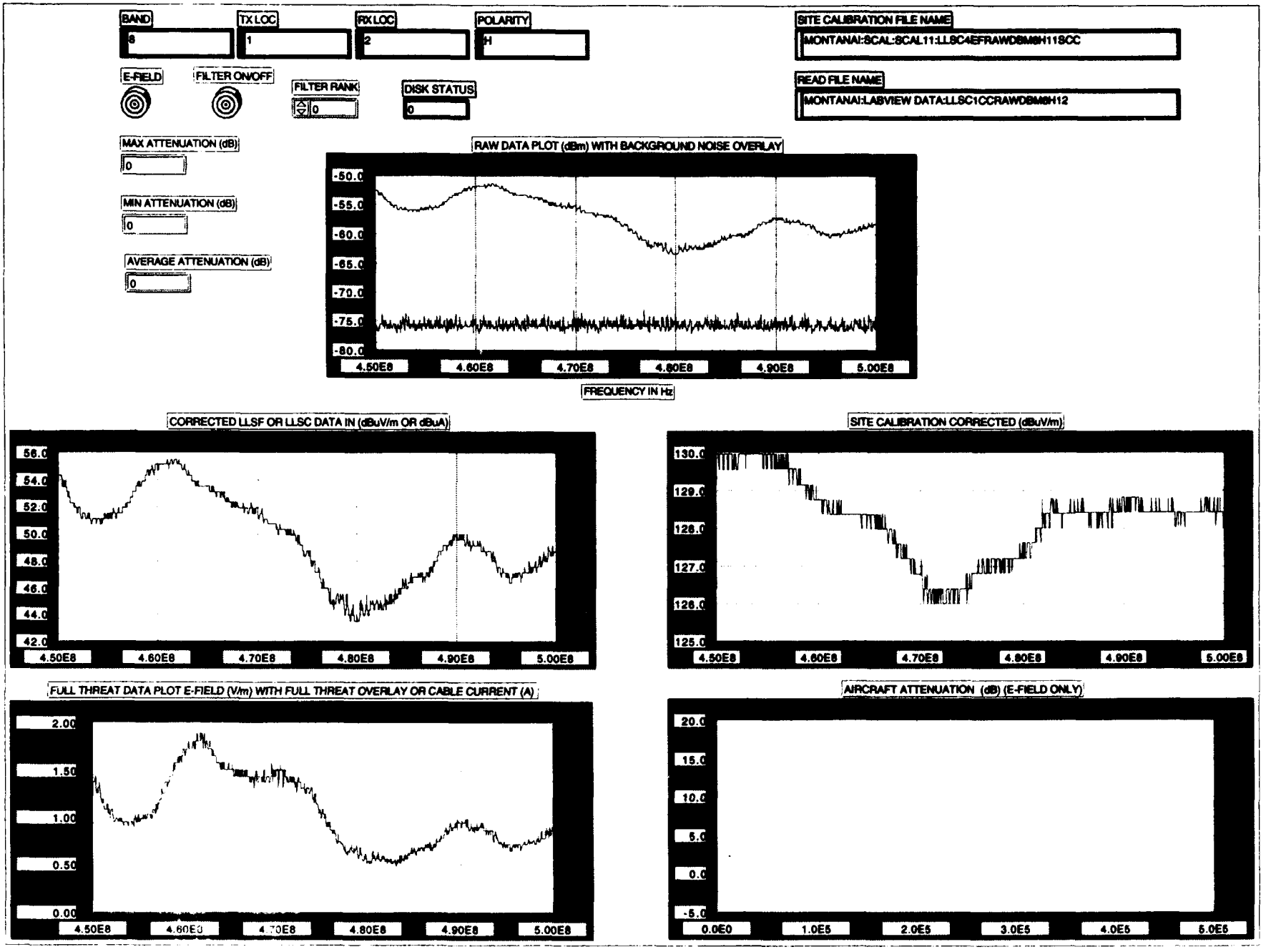

BAND
3
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA\:SCAL:SCAL11:LLSC4EFRAWDBM3H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA\:LABVIEW DATA:LLSC1CCRAWDBM3H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-82.0
-83.0
-84.0
-85.0
-86.0
-87.0
-88.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
27.00
26.50
26.00
25.50
25.00
24.50
24.00
23.50
23.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

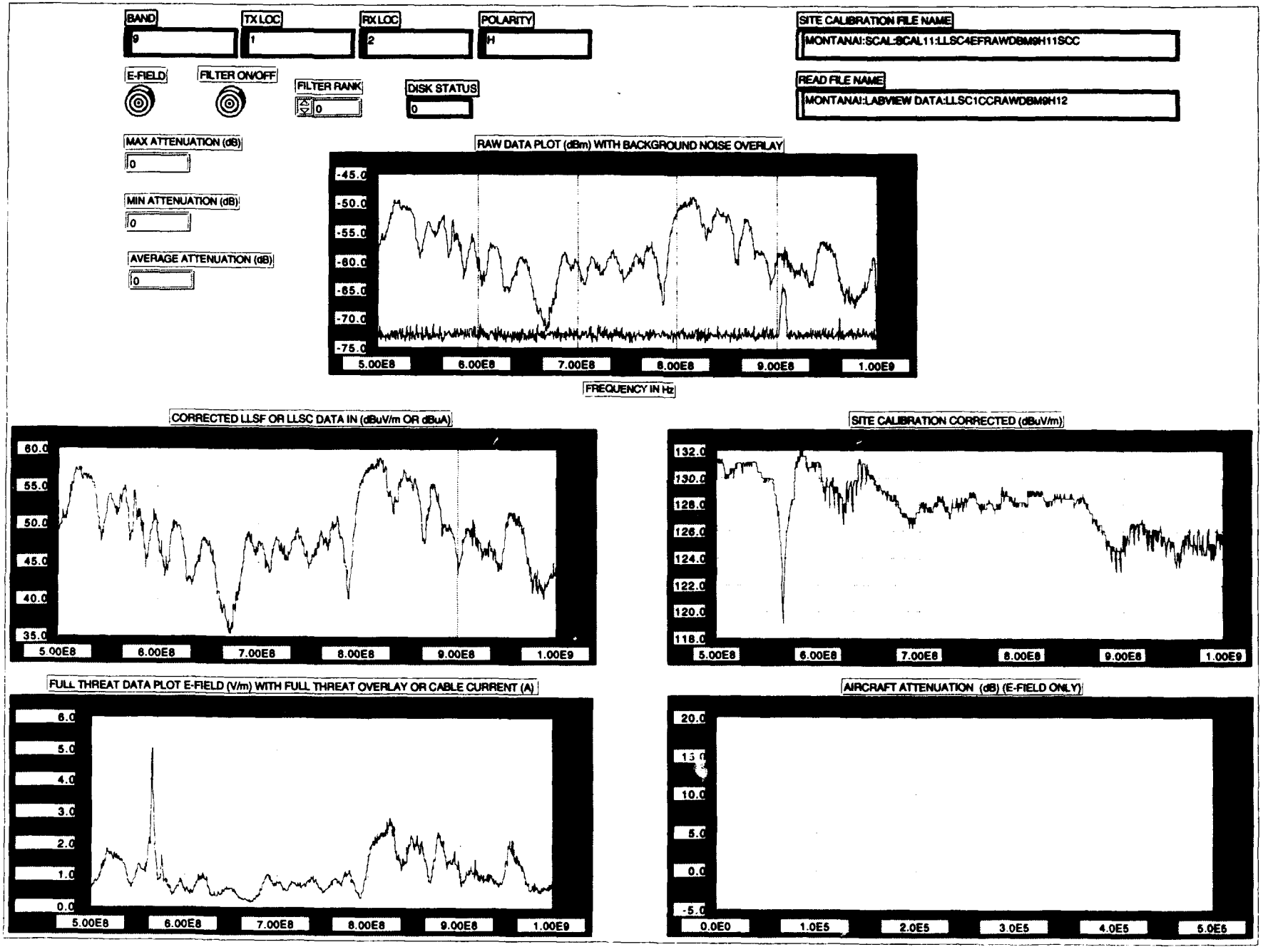

BAND
4
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM4H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM4H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-73.0
-74.0
-75.0
-76.0
-77.0
-78.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
36.00
35.50
35.00
34.50
34.00
33.50
33.00
32.50
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
102.0
100.0
98.0
96.0
94.0
92.0
90.0
88.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

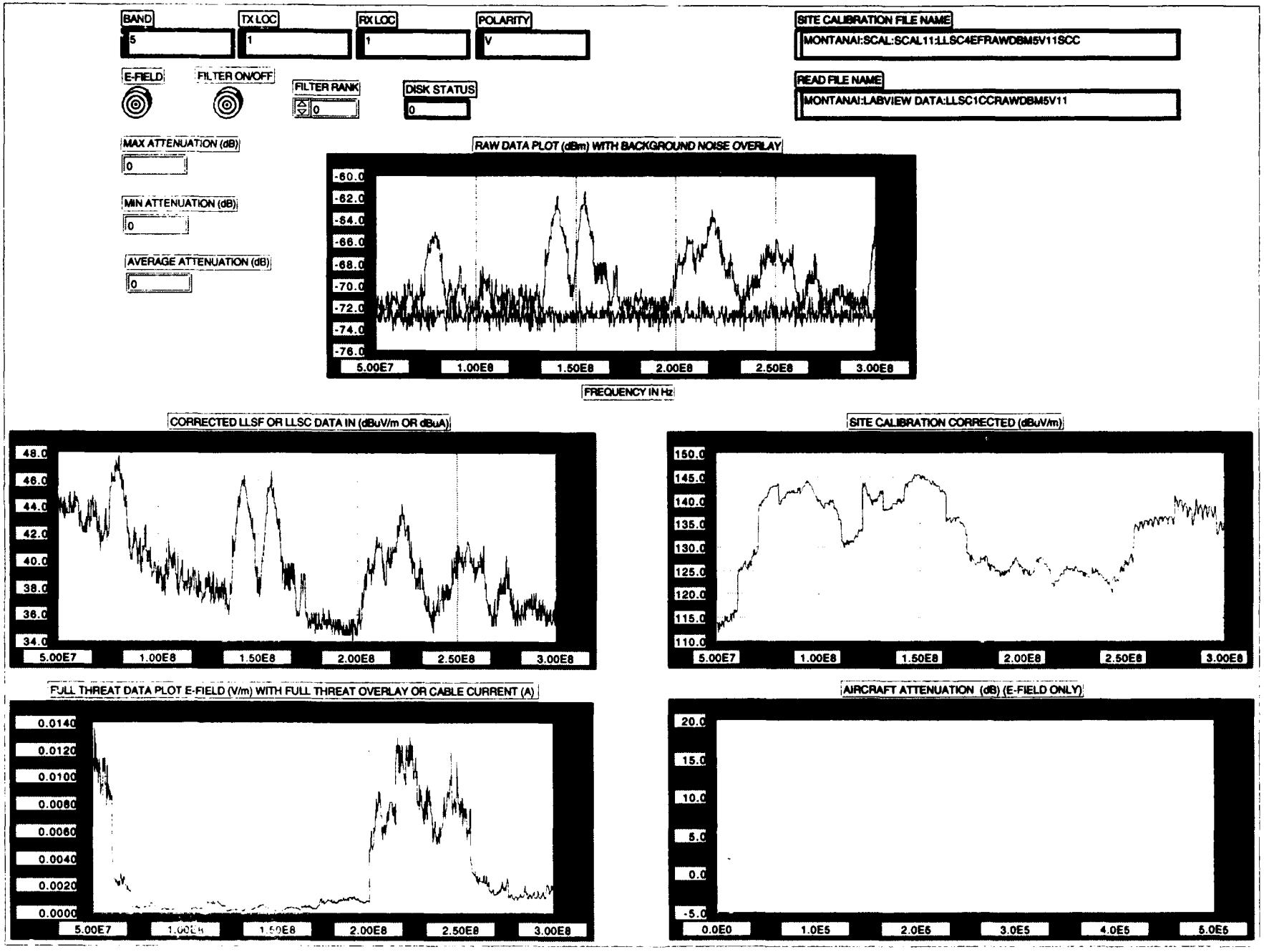

BAND
5
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM5H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM5H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
LLSC DATA IN (dBuV/m OR dBuA)
50.0
48.0
46.0
44.0
42.0
40.0
38.0
36.0
34.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130
120
110
100
90
80
70
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.00
0.80
0.60
0.40
0.20
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

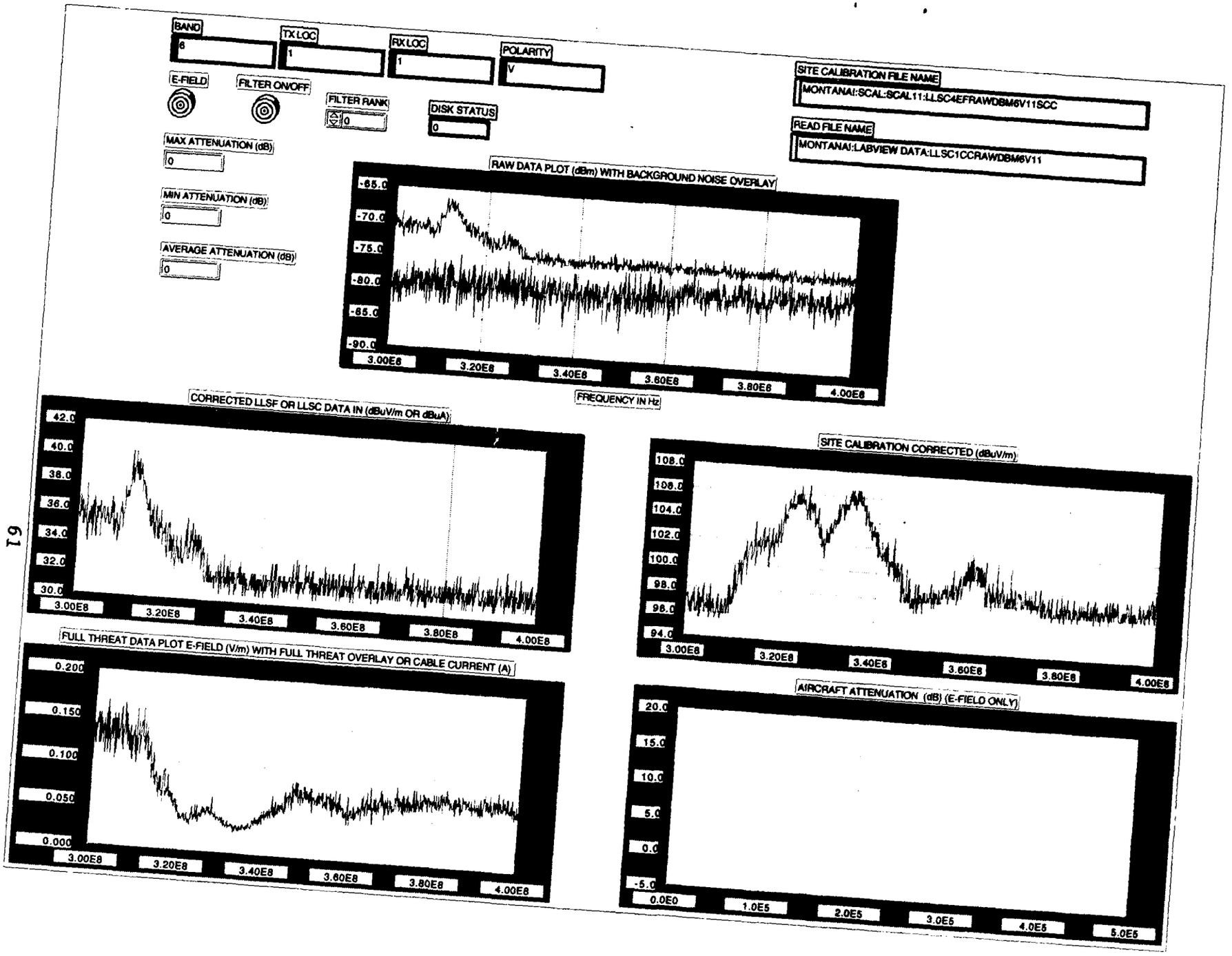

BAND
6
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM6H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM6H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
44.0
42.0
40.0
38.0
36.0
34.0
32.0
30.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.060
0.050
0.040
0.030
0.020
0.010
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
7
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM7H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
-78.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
38.0
36.0
34.0
32.0
30.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
8
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM6H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM6H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
56.0
54.0
52.0
50.0
48.0
46.0
44.0
42.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
2.00
1.50
1.00
0.50
0.00
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
9
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM9H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM9H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
132.0
130.0
128.0
126.0
124.0
122.0
120.0
118.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
5
TX LOC
1
RX LOC
1
POLARITY
V
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL11:LLSC4EFRAWDBM5V11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM5V11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-62.0
-64.0
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
48.0
46.0
44.0
42.0
40.0
38.0
36.0
34.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
150.0
145.0
140.0
135.0
130.0
125.0
120.0
115.0
110.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.0140
0.0120
0.0100
0.0080
0.0060
0.0040
0.0020
0.0000
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
6
TX LOC
1
RX LOC
1
POLARITY
V
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM6V11SCC
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM6V11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
42.0
40.0
38.0
36.0
34.0
32.0
30.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
108.0
106.0
104.0
102.0
100.0
98.0
96.0
94.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.200
0.150
0.100
0.050
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

BAND: 7 | TX LOC: 1 | RX LOC: 2 | POLARITY: V

SITE CALIBRATION FILE NAME: MONTANA1:SCAL:SCAL11:LLSC4EFRAWDBM7V11SCC

READ FILE NAME: MONTANA1:LABVIEW DATA:LLSC1CCRAWDBM7V12

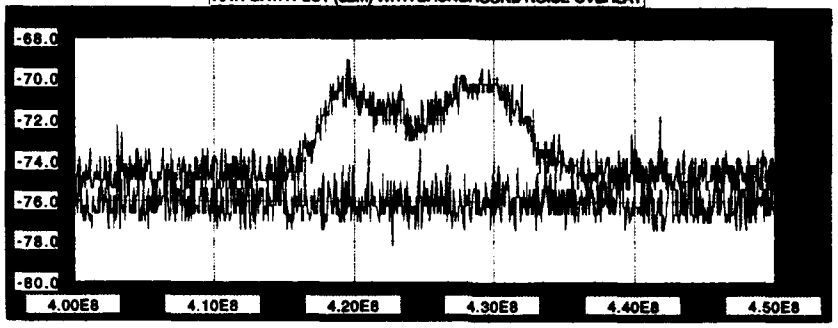
E-FIELD | FILTER ON/OFF | FILTER RANK: 0 | DISK STATUS: 0

MAX ATTENUATION (dB): 0

MIN ATTENUATION (dB): 0

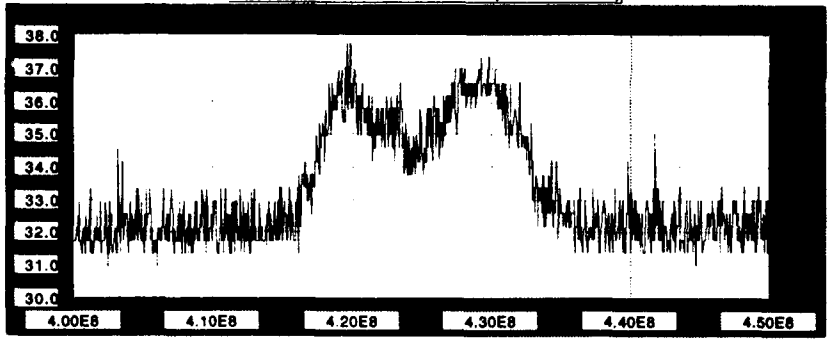
AVERAGE ATTENUATION (dB): 0

RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY

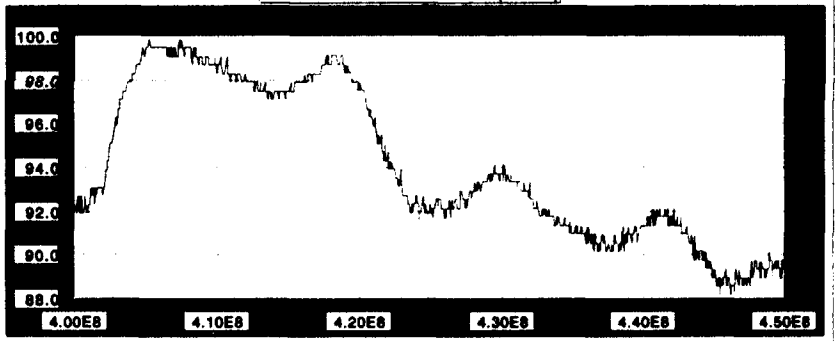


FREQUENCY IN Hz

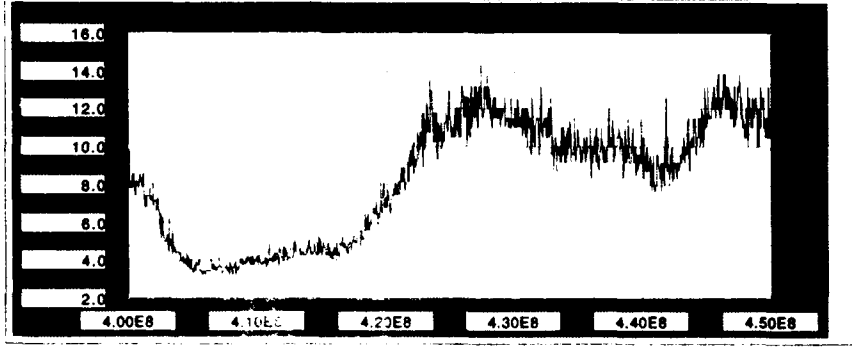
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)



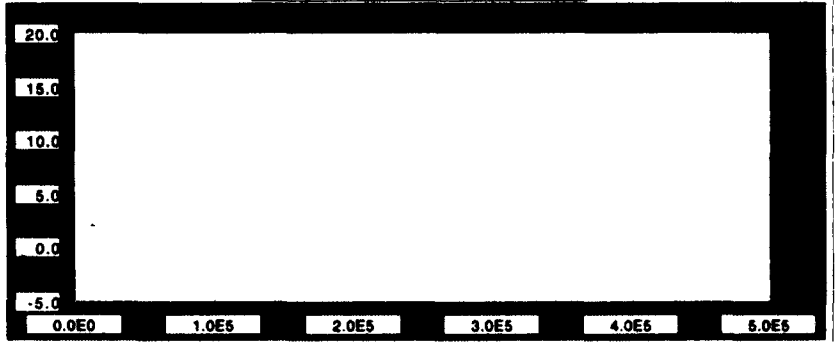
SITE CALIBRATION CORRECTED (dBuV/m)

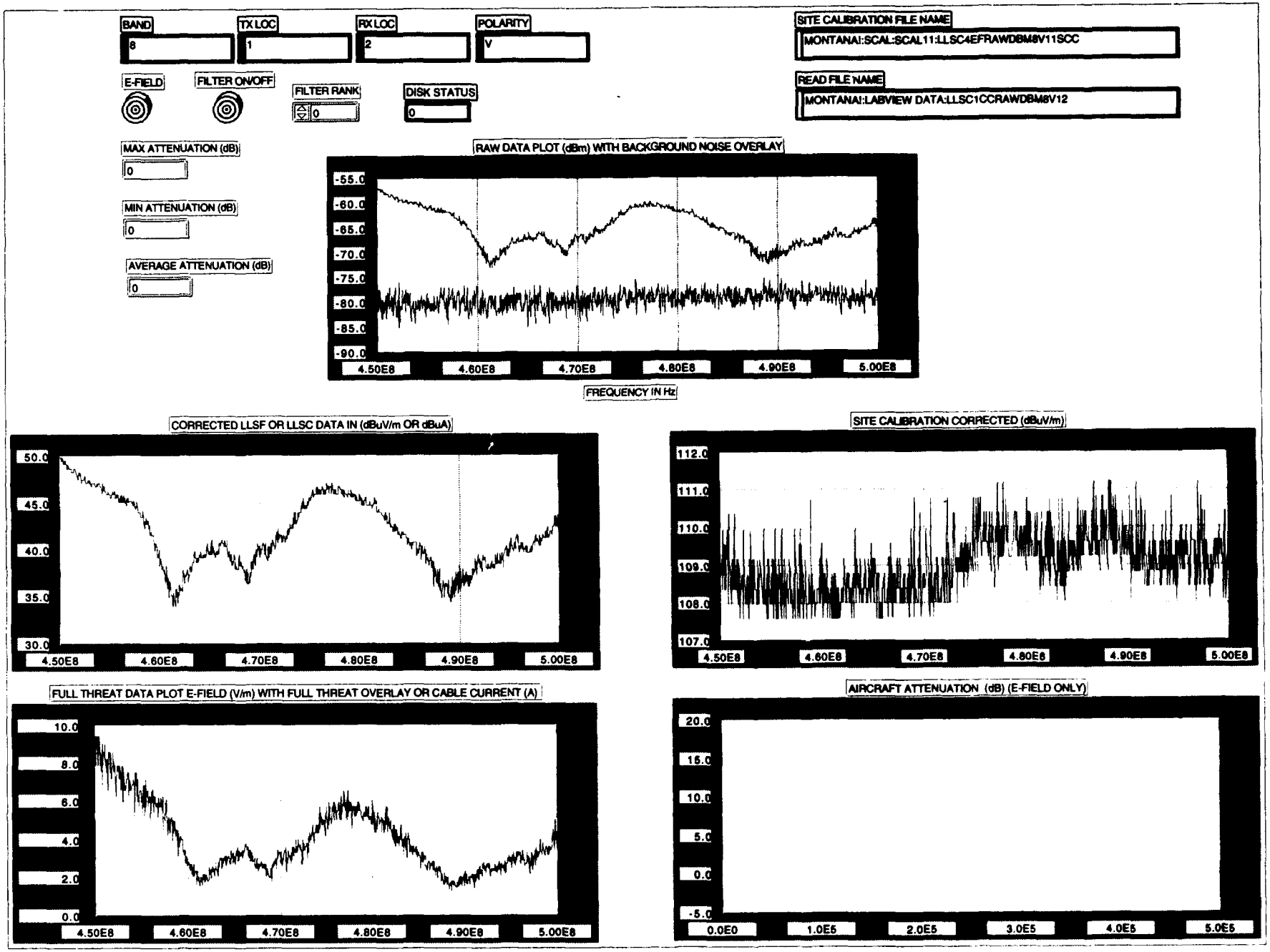


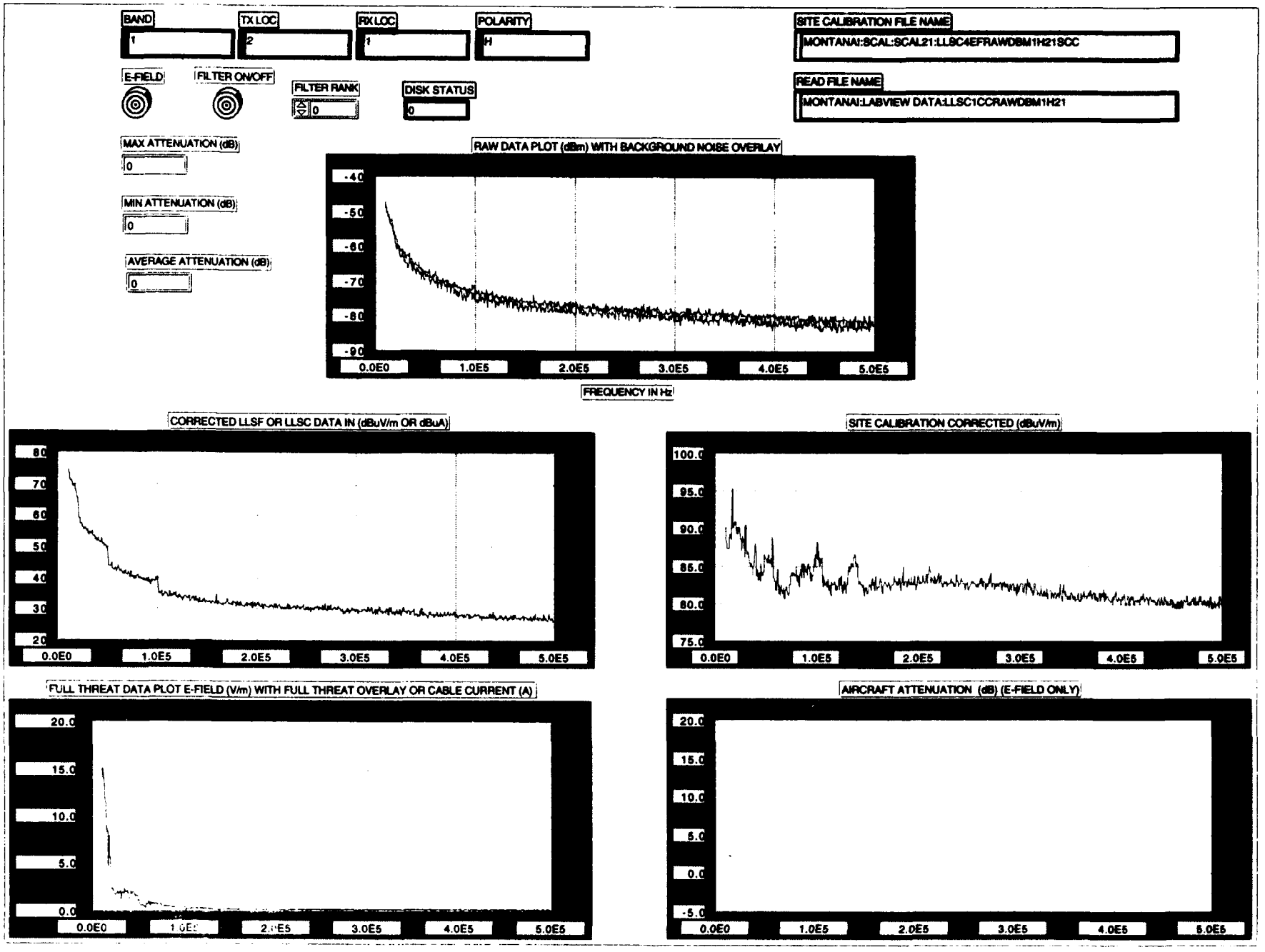
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)



AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)




BAND
6
TX LOC
1
RX LOC
2
POLARITY
V
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM8V11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM8V12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
50.0
45.0
40.0
35.0
30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
112.0
111.0
110.0
109.0
108.0
107.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
10.0
8.0
6.0
4.0
2.0
0.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
1
TX LOC
2
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM1H21
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
20.0
15.0
10.0
5.0
0.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

BAND: 2

TX LOC: 2

RX LOC: 1

POLARITY: H

SITE CALIBRATION FILE NAME: MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC

E-FIELD

FILTER ON/OFF

FILTER RANK: 0

DISK STATUS: 0

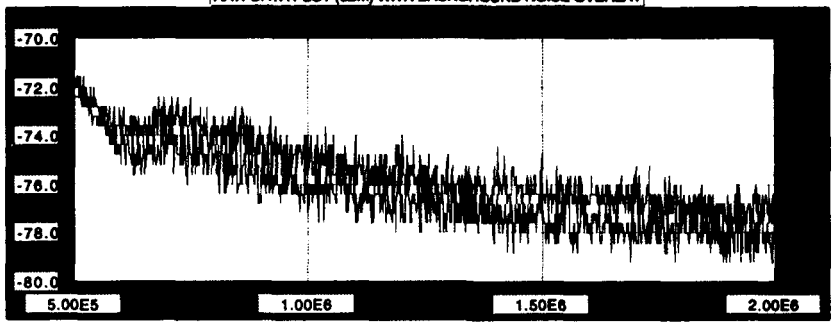
READ FILE NAME: MONTANA:LABVIEW DATA:LLSC1CCRAWDBM2H21

MAX ATTENUATION (dB): 0

MIN ATTENUATION (dB): 0

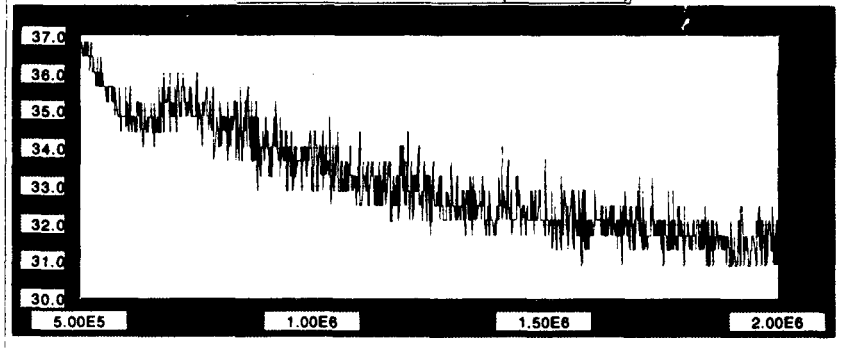
AVERAGE ATTENUATION (dB): 0

RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY

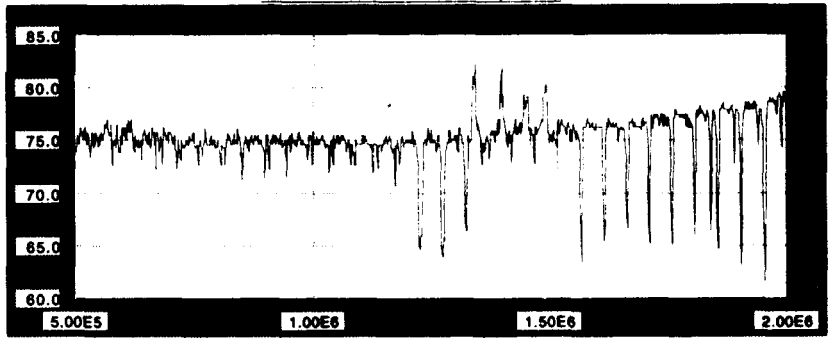


FREQUENCY IN Hz

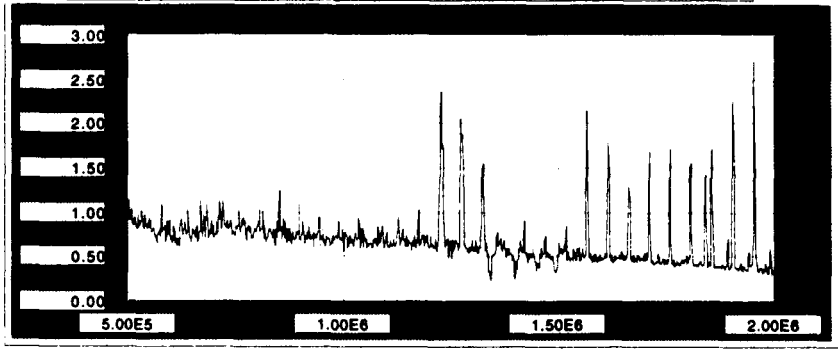
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)



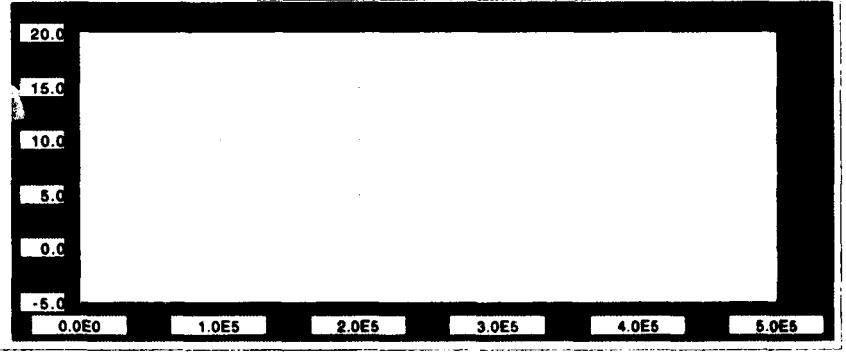
SITE CALIBRATION CORRECTED (dBuV/m)

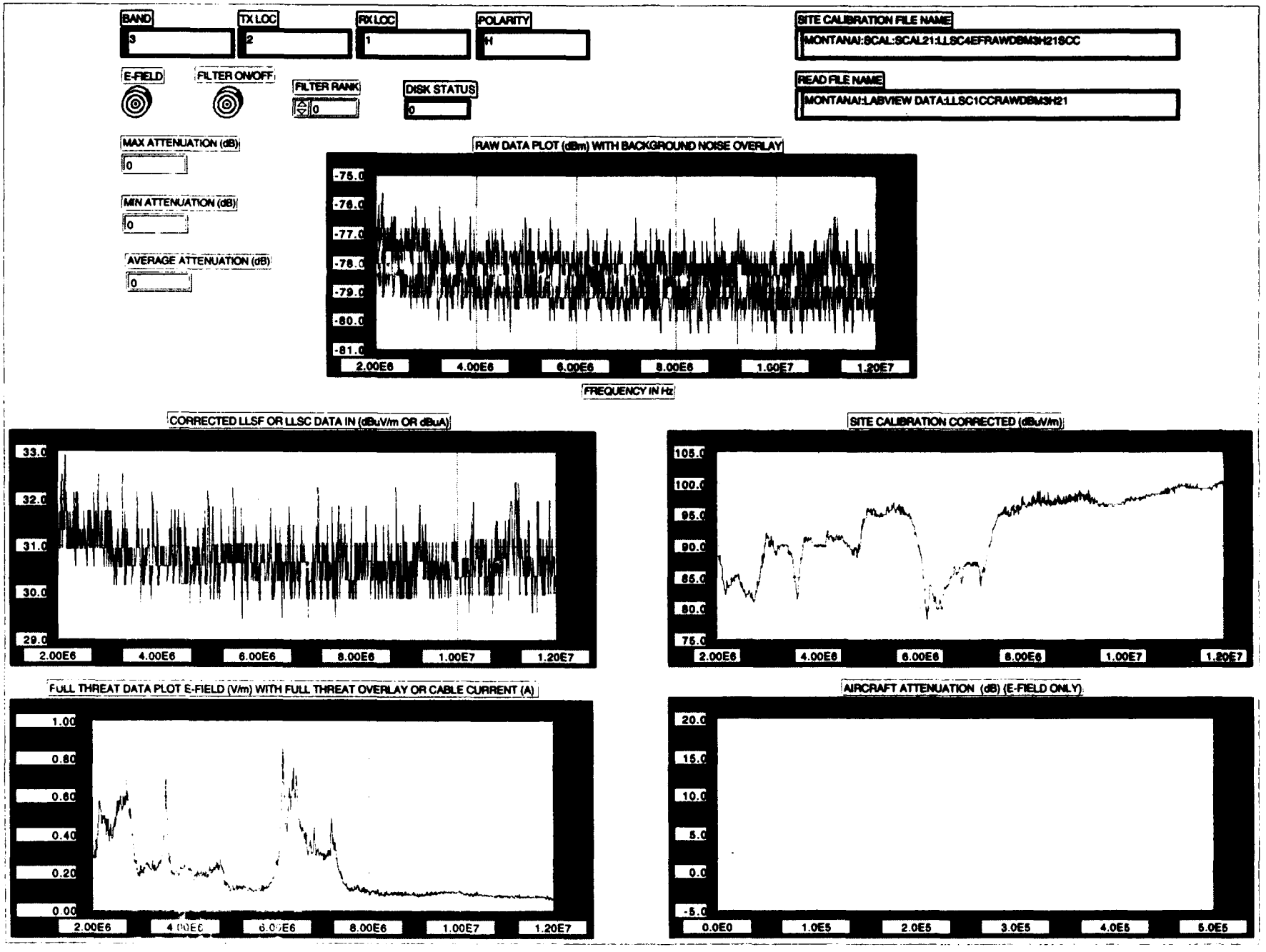


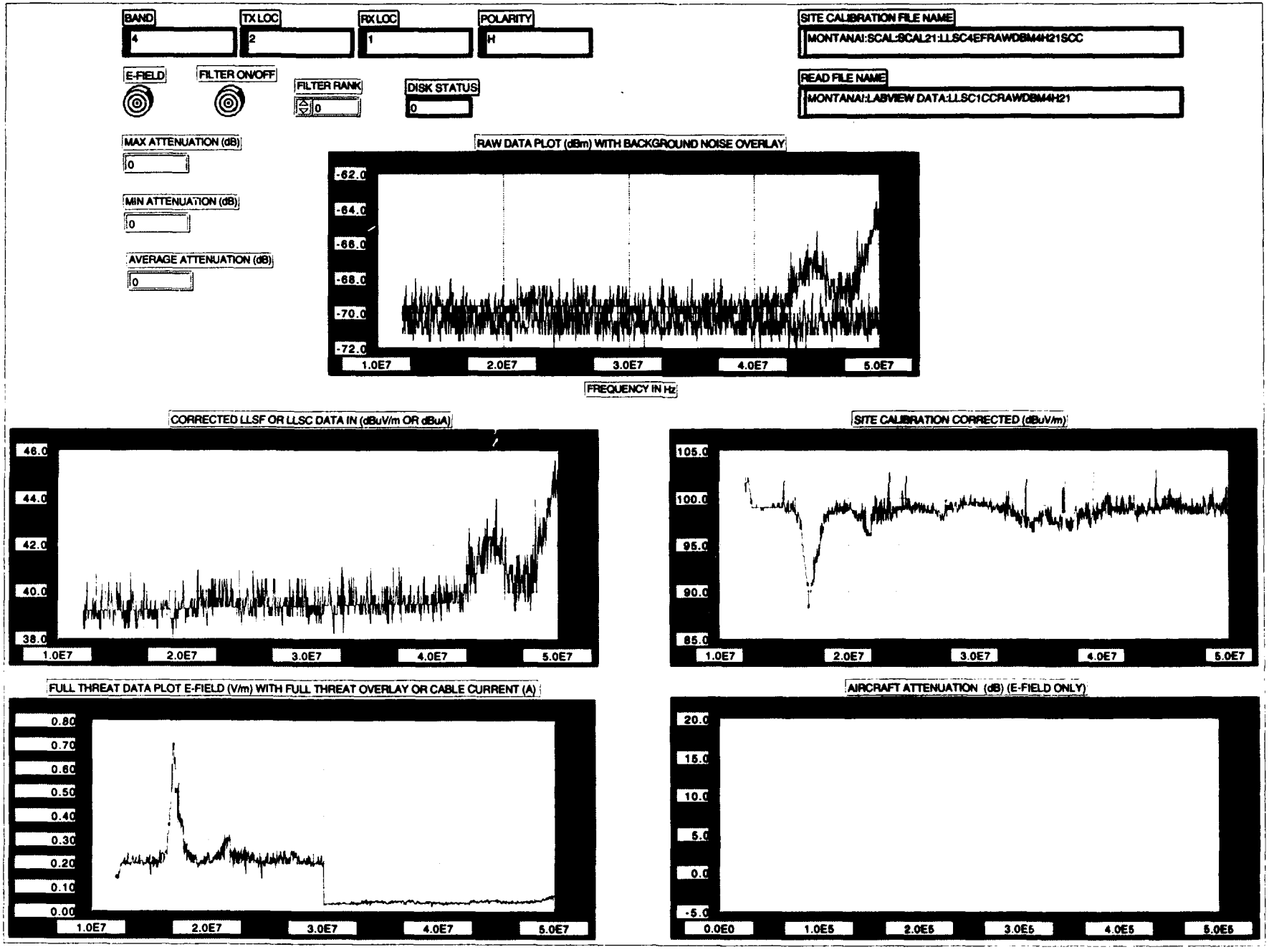
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)

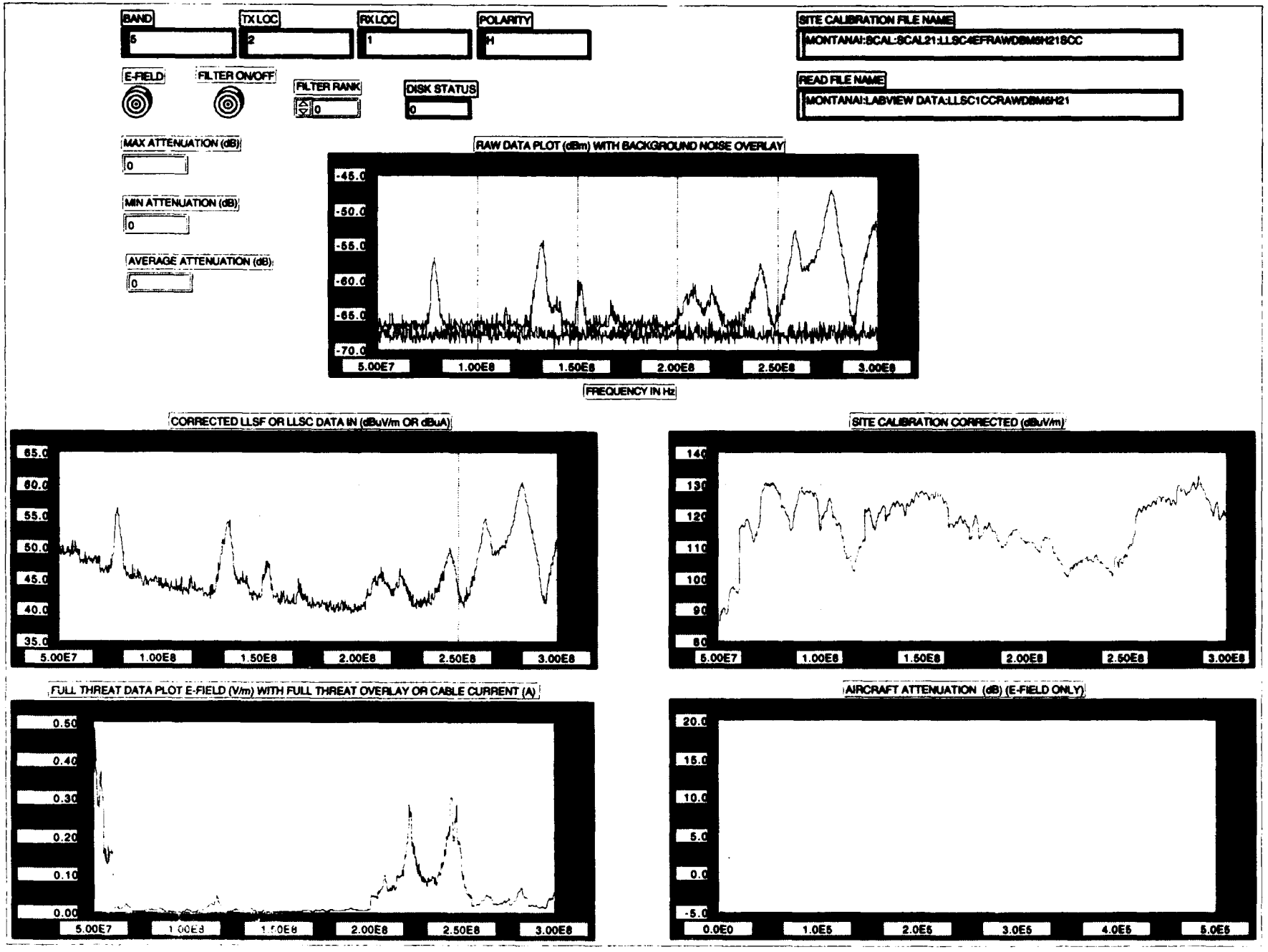


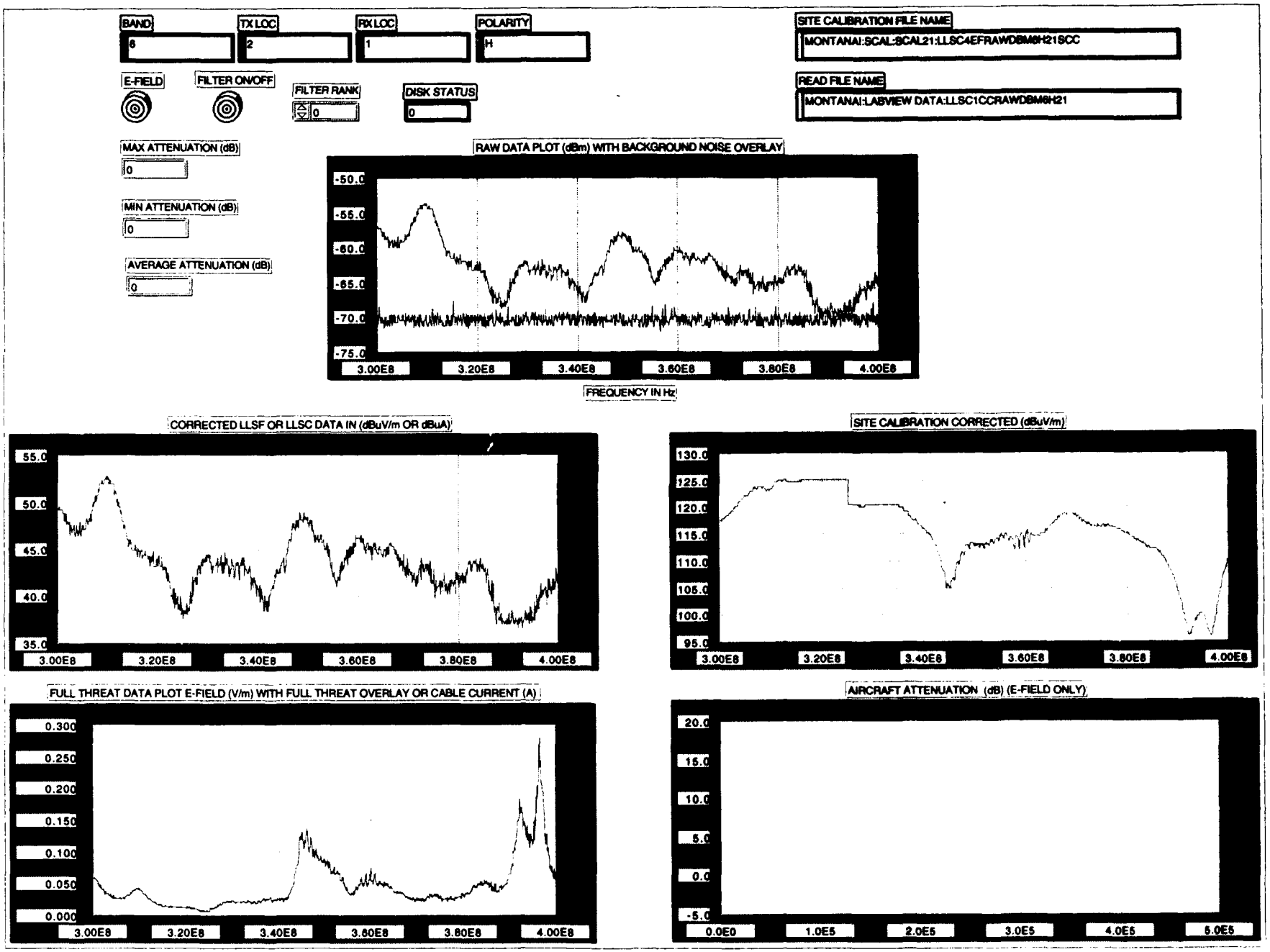
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)

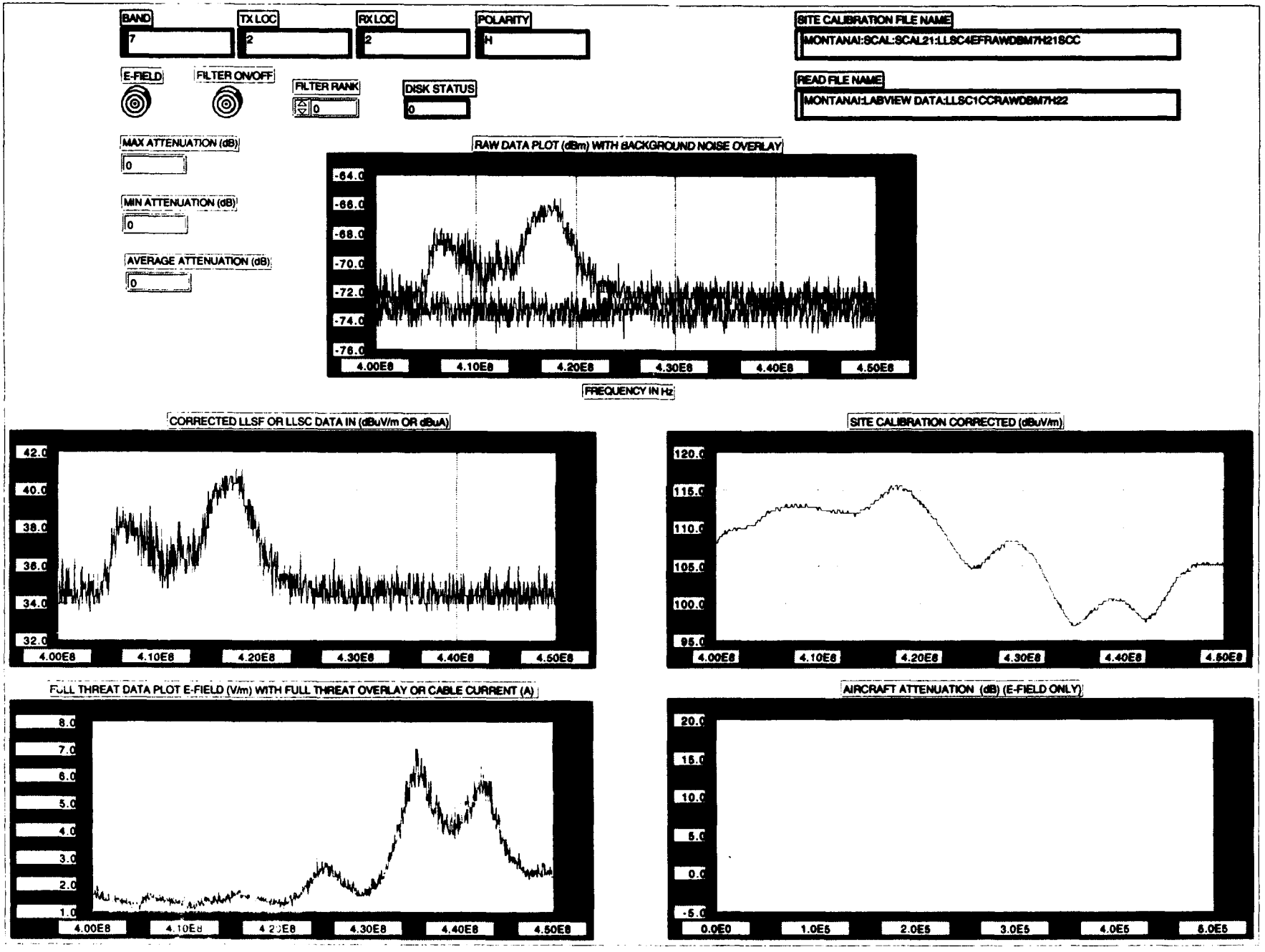


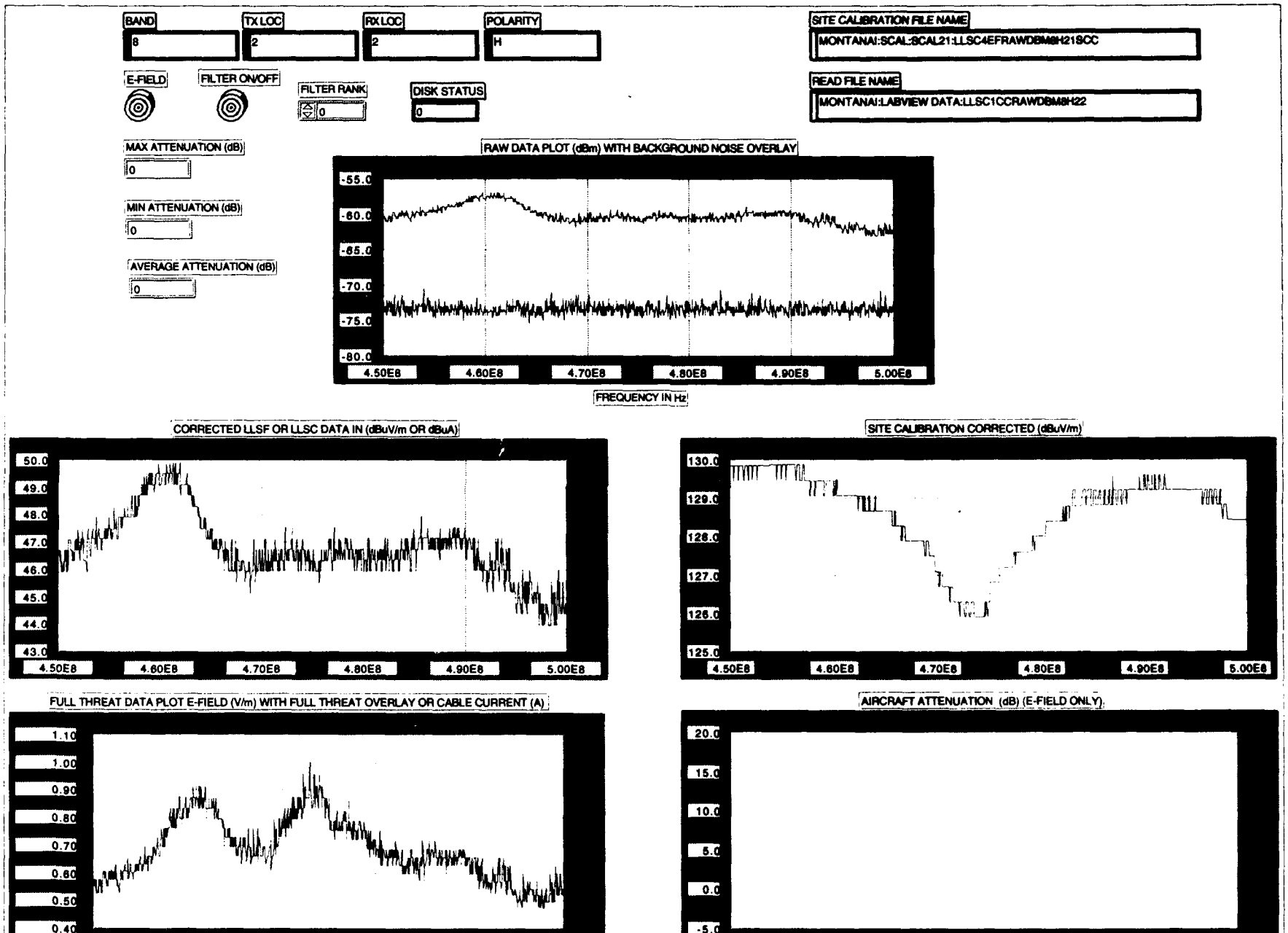

BAND
3
TX LOC
2
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM3H21
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-75.0
-76.0
-77.0
-78.0
-79.0
-80.0
-81.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
33.0
32.0
31.0
30.0
29.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.00
0.80
0.60
0.40
0.20
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

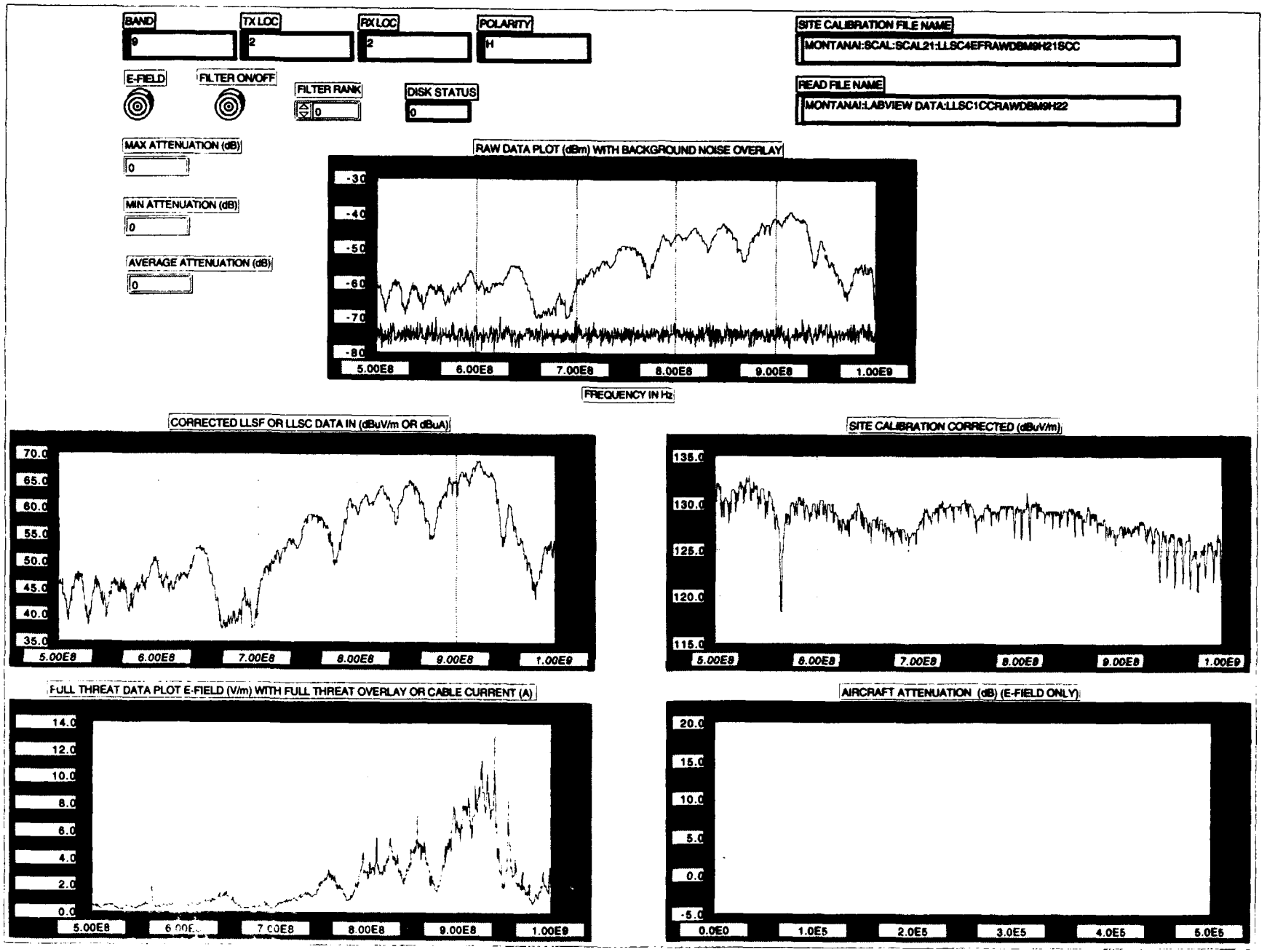

BAND
4
TX LOC
2
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM4H21
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-62.0
-64.0
-66.0
-68.0
-70.0
-72.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
46.0
44.0
42.0
40.0
38.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
5
TX LOC
2
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBMSH21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBMSH21
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
65.0
60.0
55.0
50.0
45.0
40.0
35.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

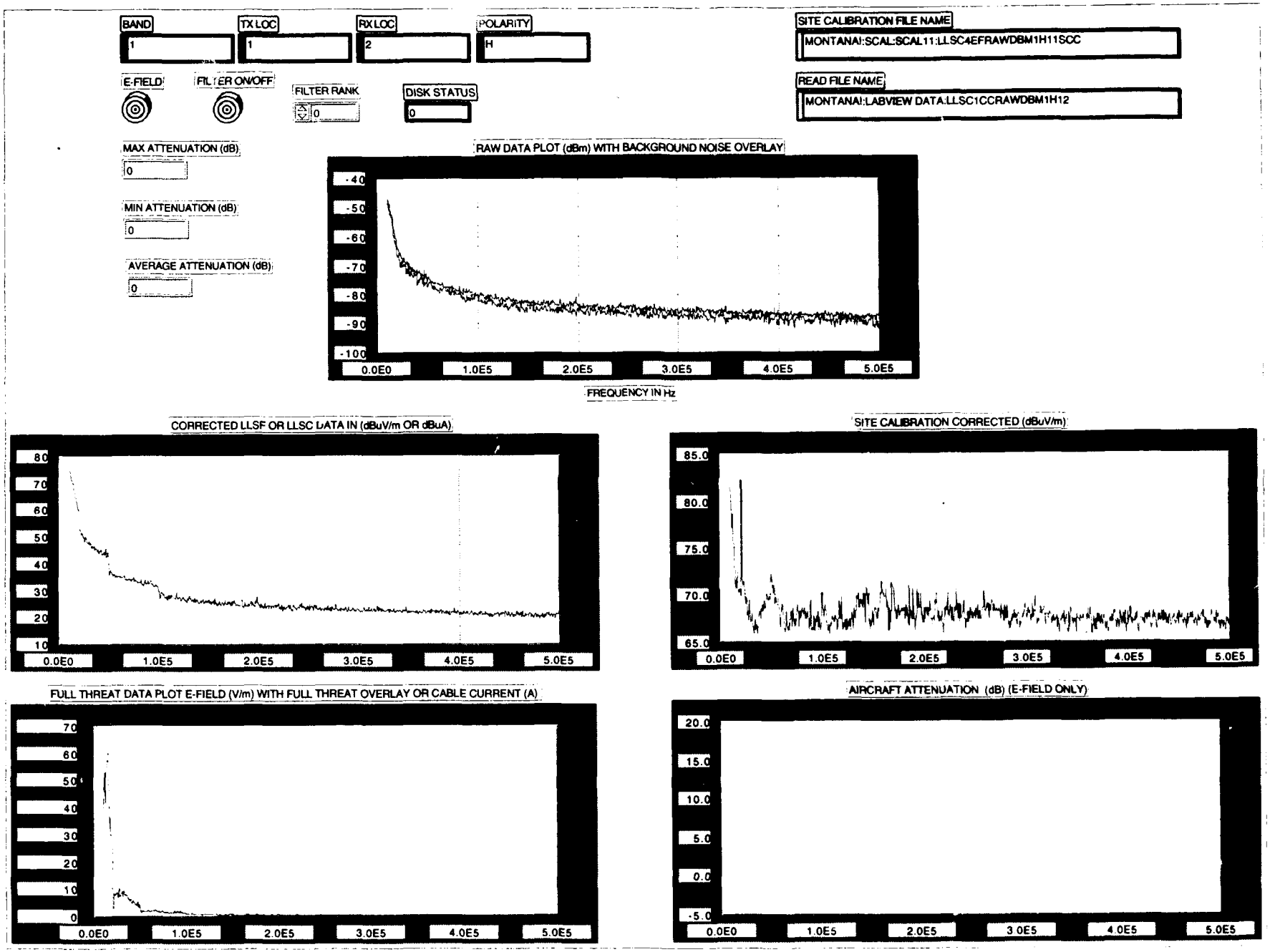

BAND
6
TX LOC
2
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA1:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA1:LABVIEW DATA:LLSC1CCRAWDBM6H21
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
55.0
50.0
45.0
40.0
35.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.300
0.250
0.200
0.150
0.100
0.050
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

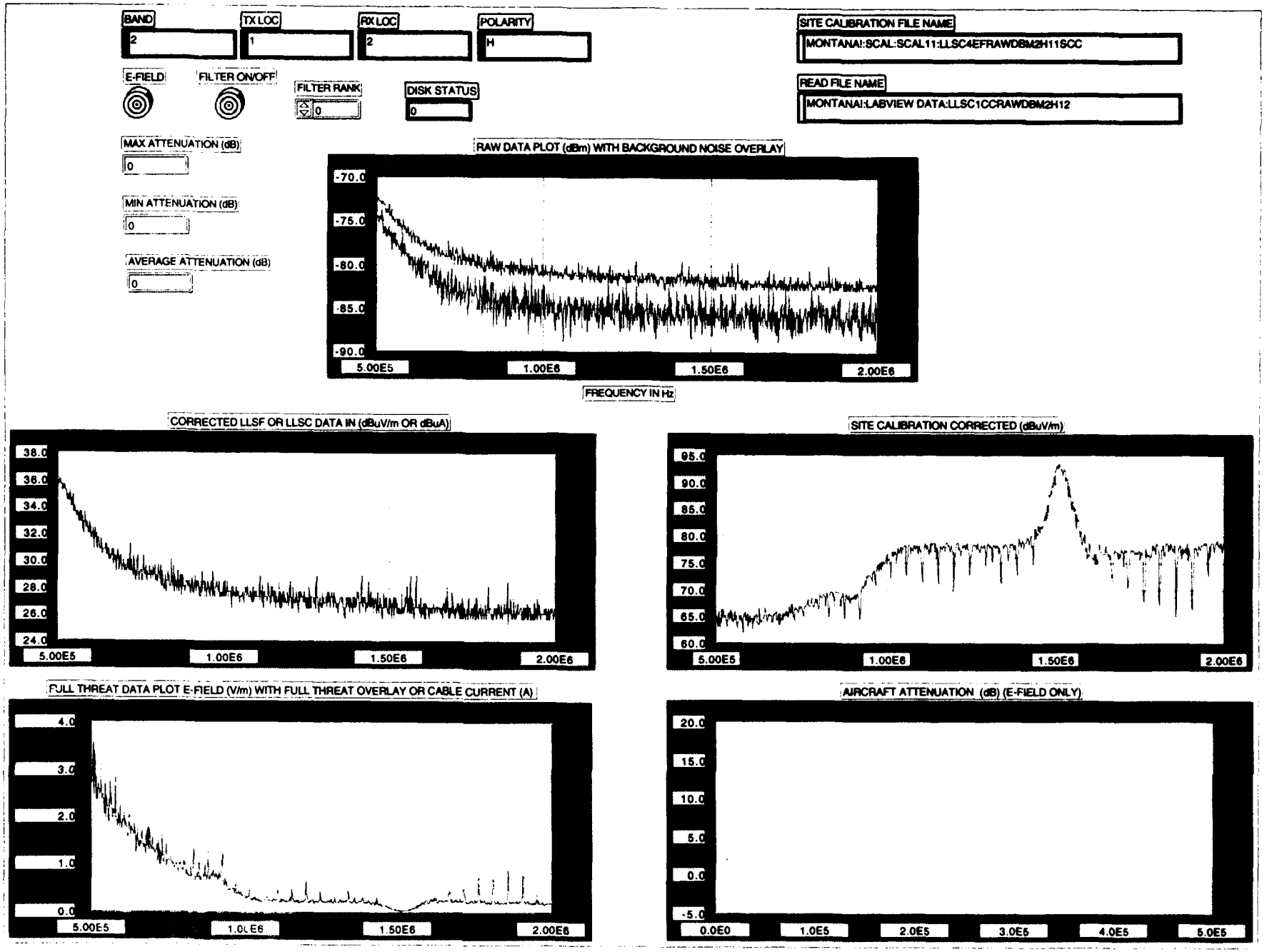

BAND
7
TX LOC
2
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H22
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-64.0
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
42.0
40.0
38.0
36.0
34.0
32.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

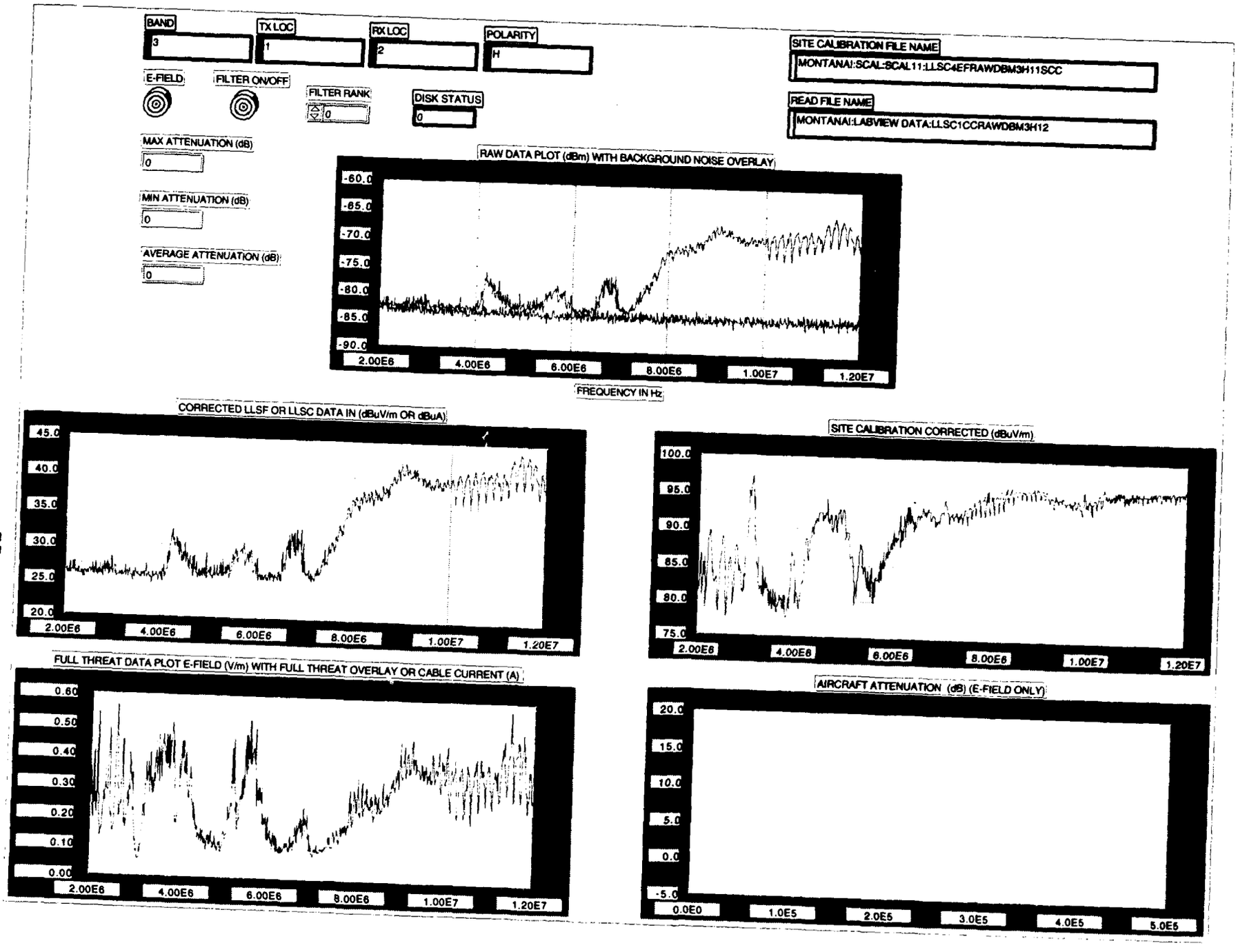

BAND
8
TX LOC
2
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM8H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM8H22
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
50.0
49.0
48.0
47.0
46.0
45.0
44.0
43.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.10
1.00
0.90
0.80
0.70
0.60
0.50
0.40
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

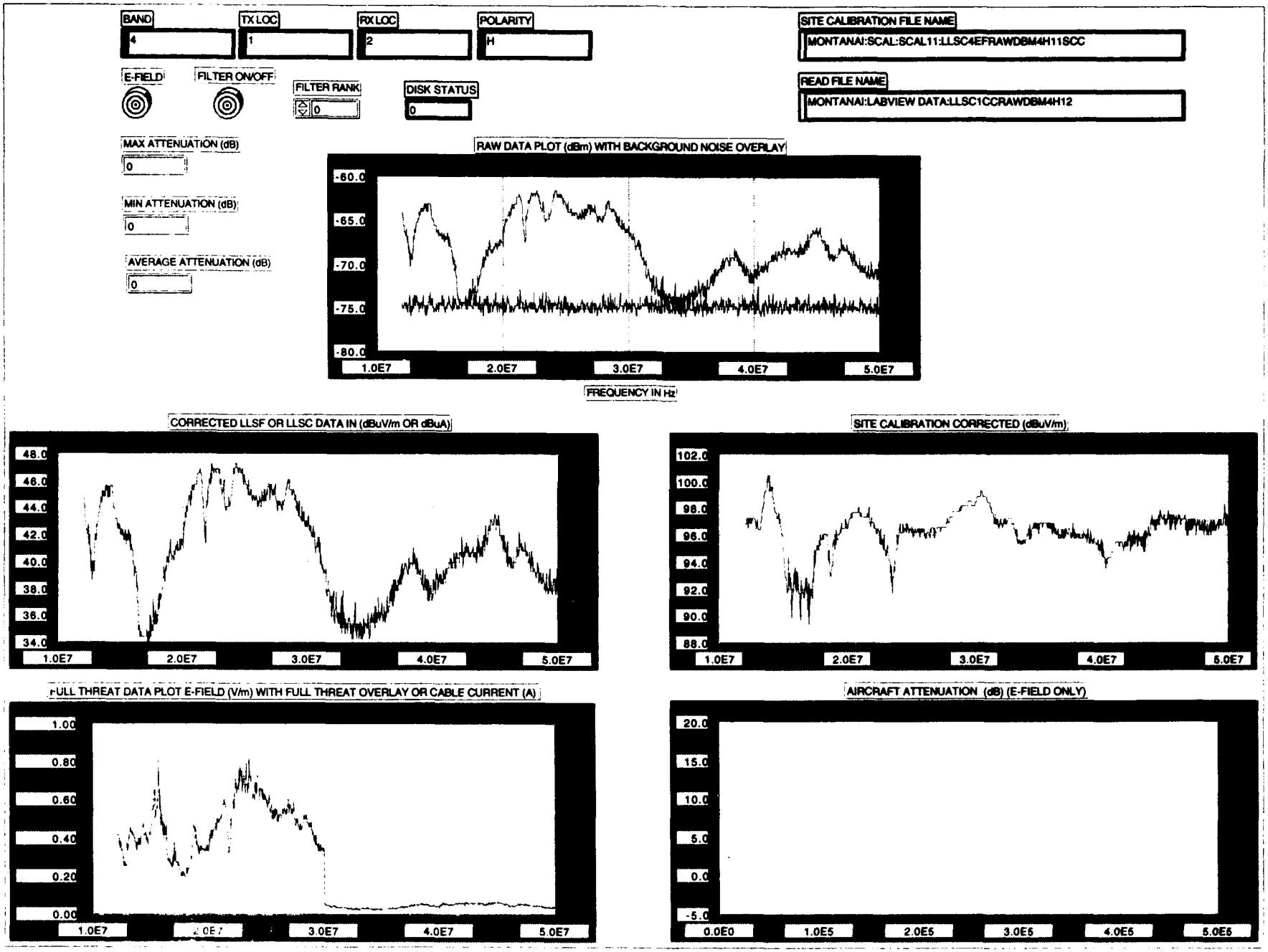

BAND
9
TX LOC
2
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM9H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM9H22
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-30
-40
-50
-60
-70
-80
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
135.0
130.0
125.0
120.0
115.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

SECTION 2-2
CO-PILOT DISPLAY UNIT LLSC DATA PLOTS


BAND
1
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM1H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM1H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
-100
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
10
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
70
60
50
40
30
20
10
0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
2
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM2H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM2H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-70.0
-75.0
-80.0
-85.0
-90.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
38.0
36.0
34.0
32.0
30.0
28.0
26.0
24.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
95.0
90.0
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
4.0
3.0
2.0
1.0
0.0
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
3
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM3H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM3H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
45.0
40.0
35.0
30.0
25.0
20.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
4
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM4H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM4H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
48.0
46.0
44.0
42.0
40.0
38.0
36.0
34.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
102.0
100.0
98.0
96.0
94.0
92.0
90.0
88.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.00
0.80
0.60
0.40
0.20
0.00
1.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

BAND: 5

TX LOC: 1

RX LOC: 2

POLARITY: H

SITE CALIBRATION FILE NAME: MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM5H11SCC

READ FILE NAME: MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM5H12

E-FIELD

FILTER ON/OFF

FILTER RANK: 0

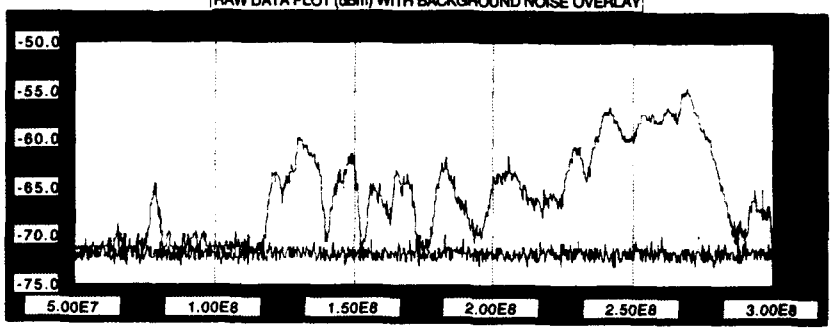
DISK STATUS: 0

MAX ATTENUATION (dB): 0

MIN ATTENUATION (dB): 0

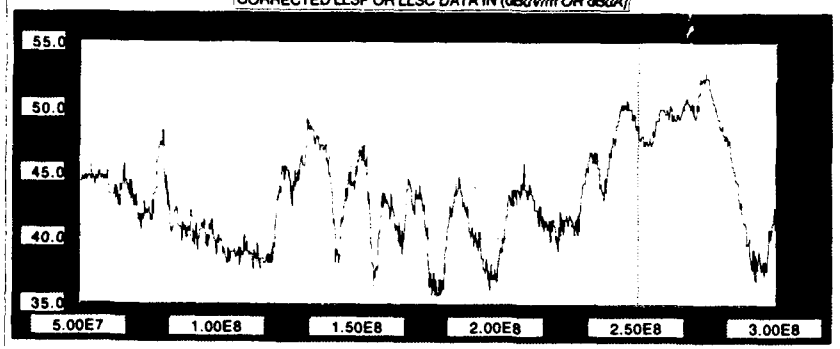
AVERAGE ATTENUATION (dB): 0

RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY

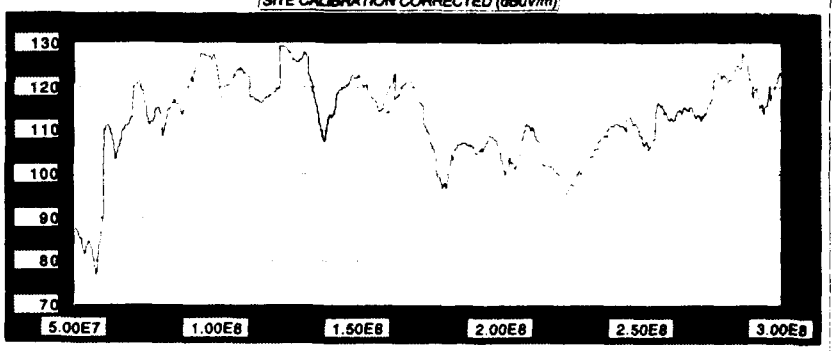


FREQUENCY IN Hz

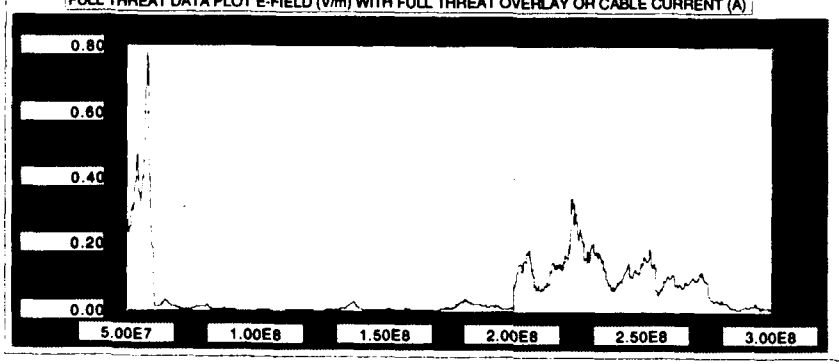
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)



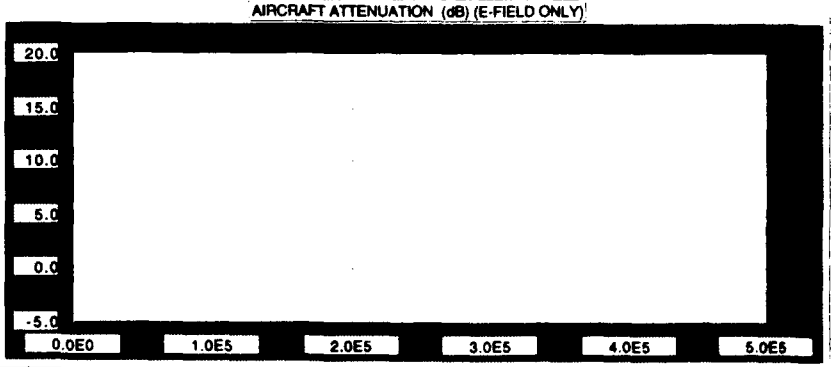
SITE CALIBRATION CORRECTED (dBuV/m)

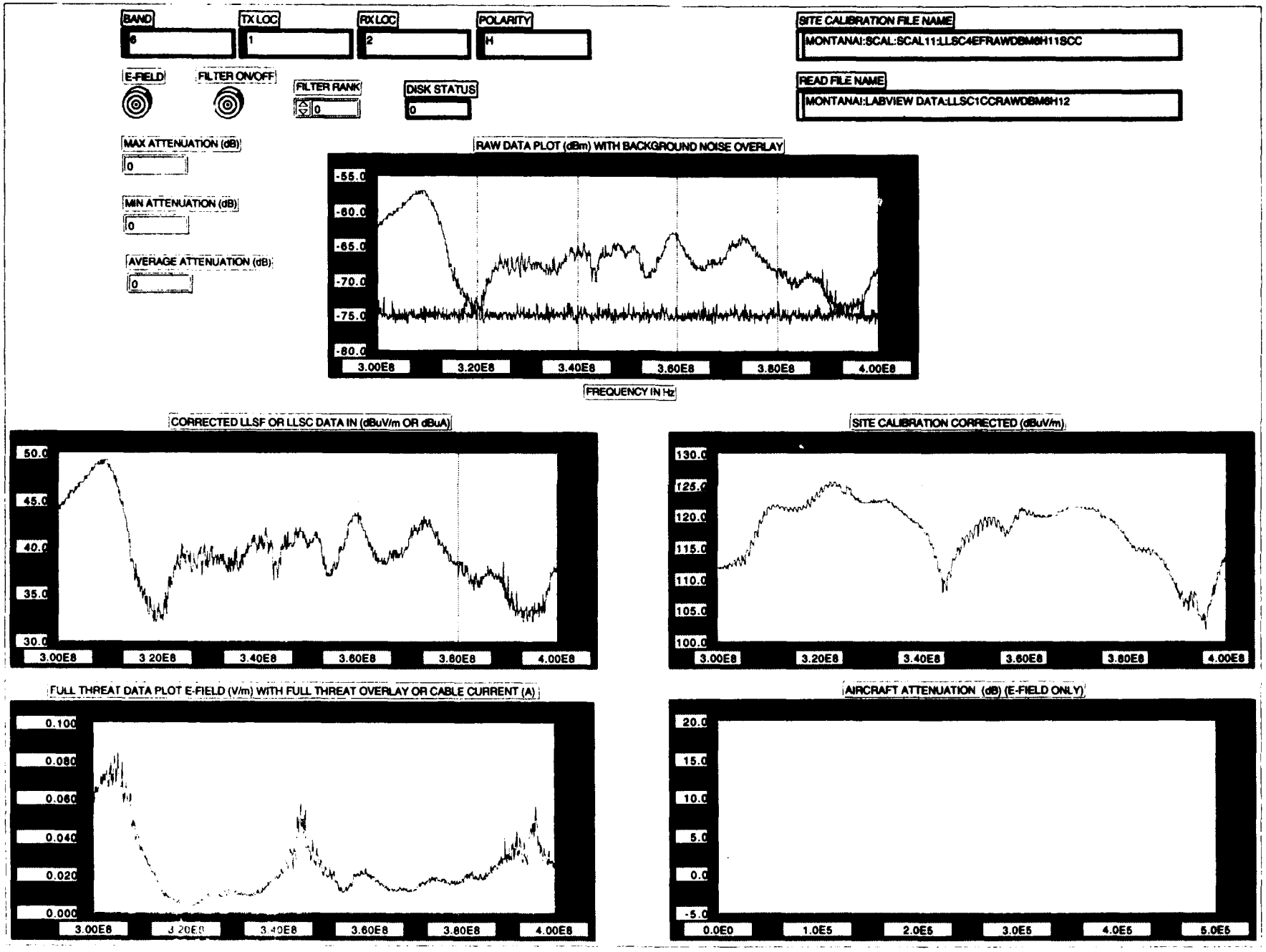


FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)



AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)




BAND
6
TX LOC
1
RX LOC
2
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM6H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM6H12
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
50.0
45.0
40.0
35.0
30.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.100
0.080
0.060
0.040
0.020
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

BAND: 7

TX LOC: 1

RX LOC: 1

POLARITY: H

SITE CALIBRATION FILE NAME: MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM7H11SCC

E-FIELD

FILTER ON/OFF

FILTER RANK: 0

DISK STATUS: 0

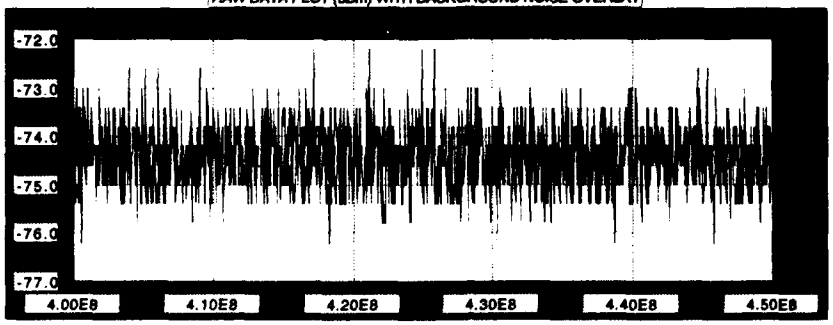
READ FILE NAME: MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H11

MAX ATTENUATION (dB): 0

MIN ATTENUATION (dB): 0

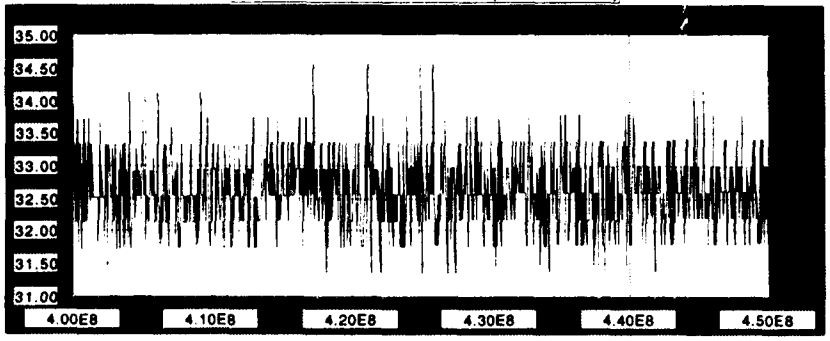
AVERAGE ATTENUATION (dB): 0

RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY

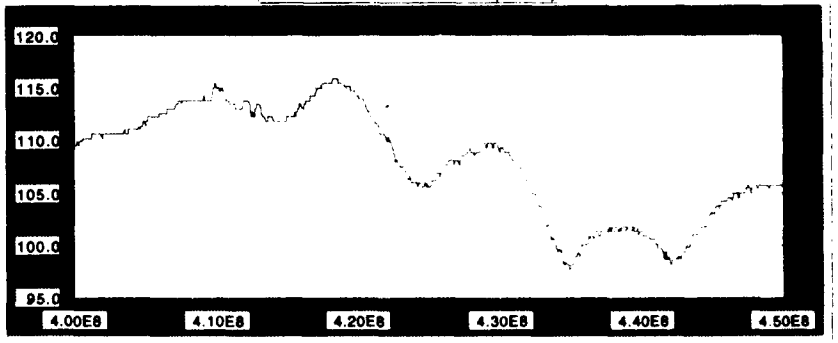


FREQUENCY IN Hz

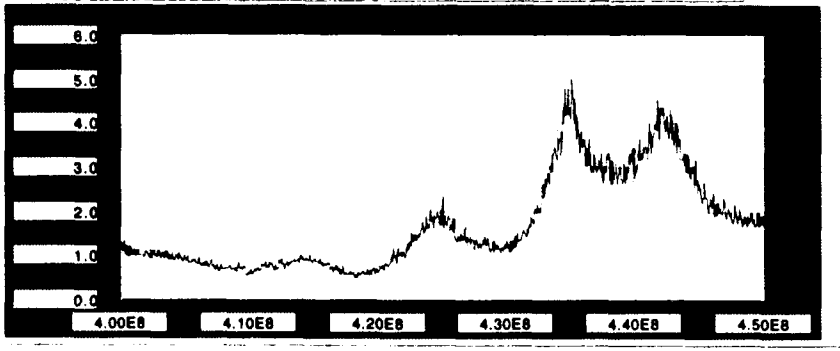
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)



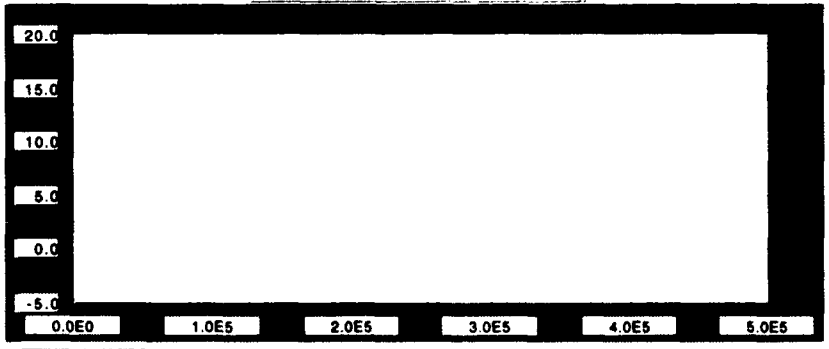
SITE CALIBRATION CORRECTED (dBuV/m)

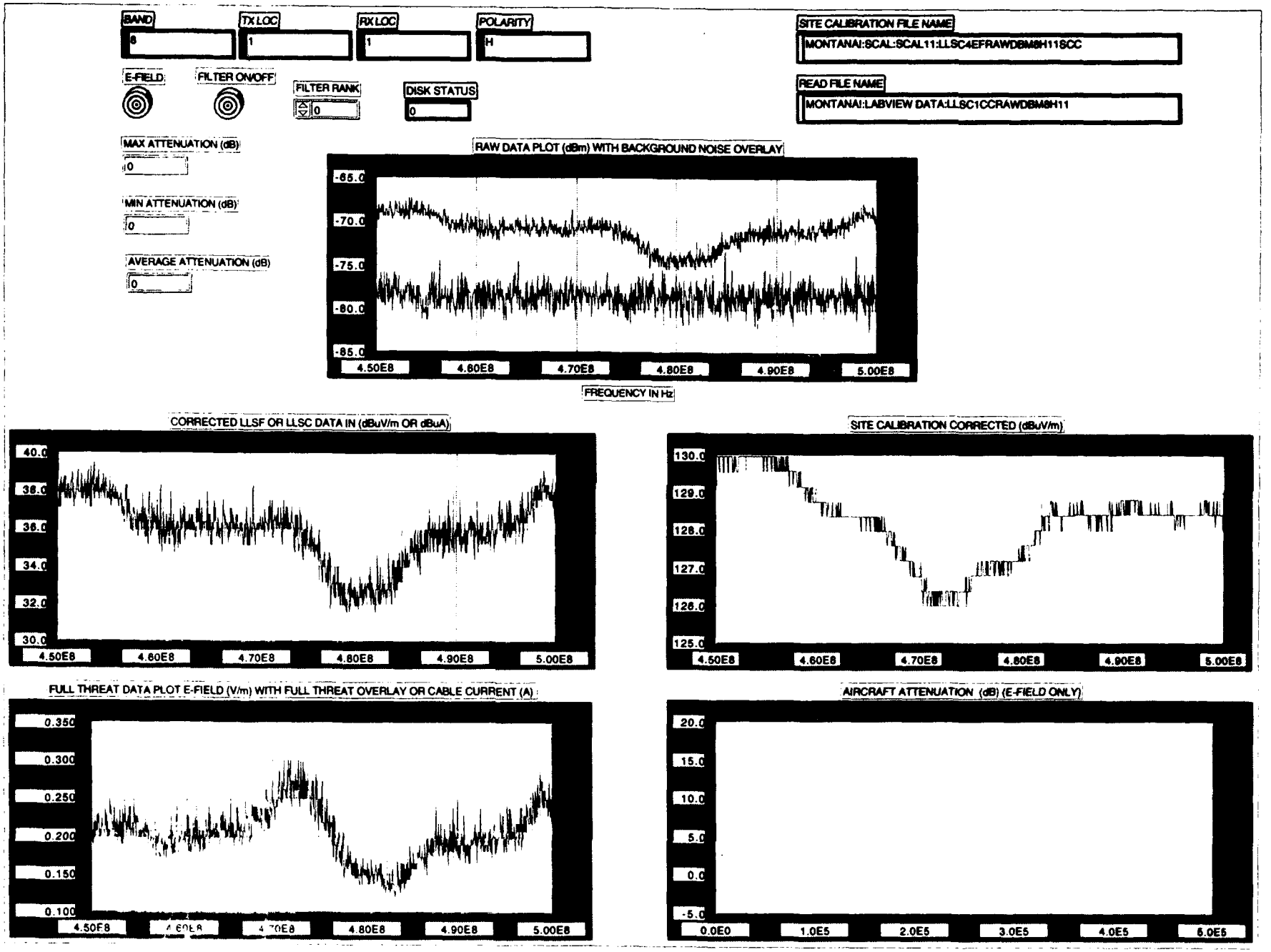


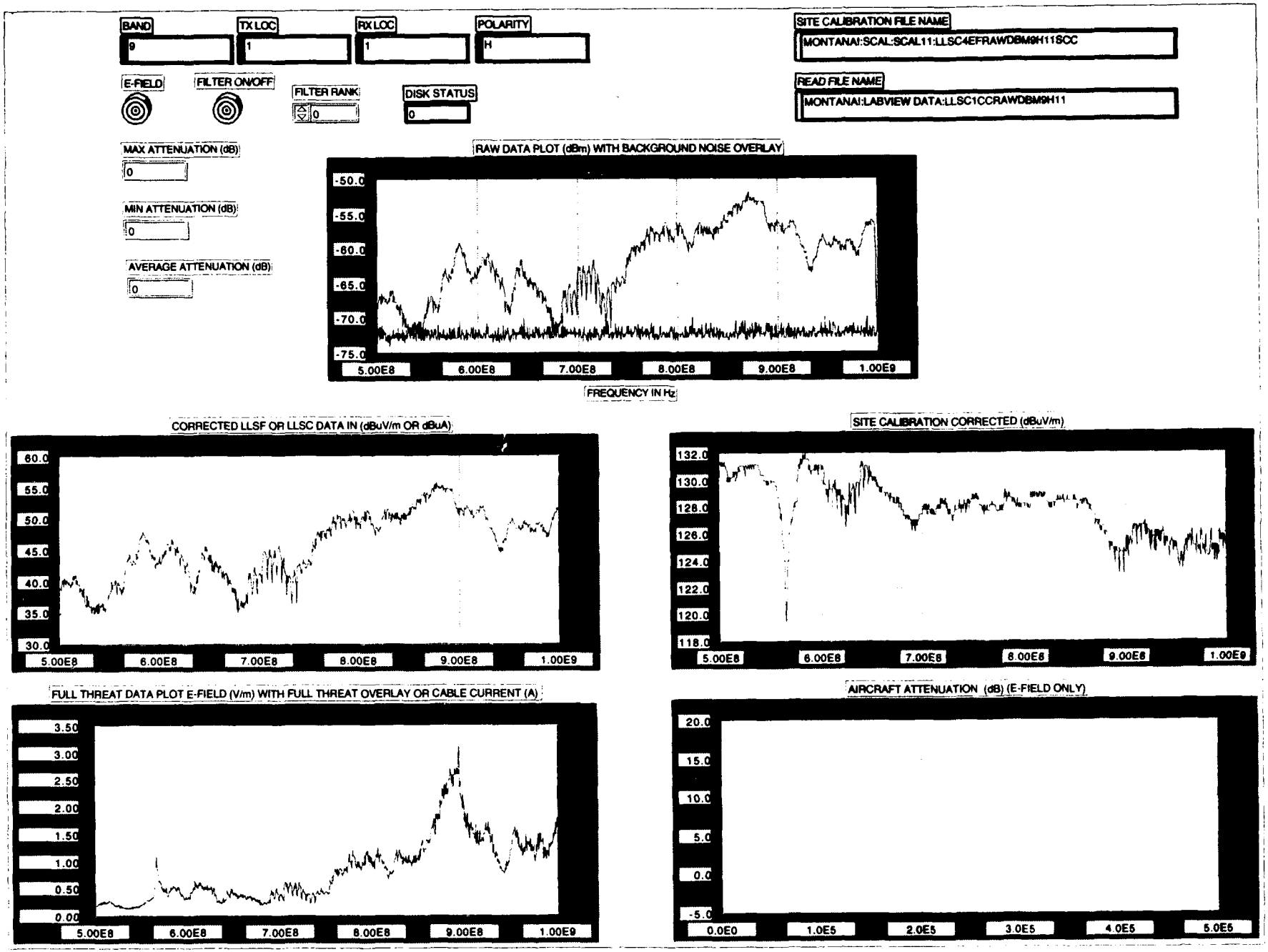
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)



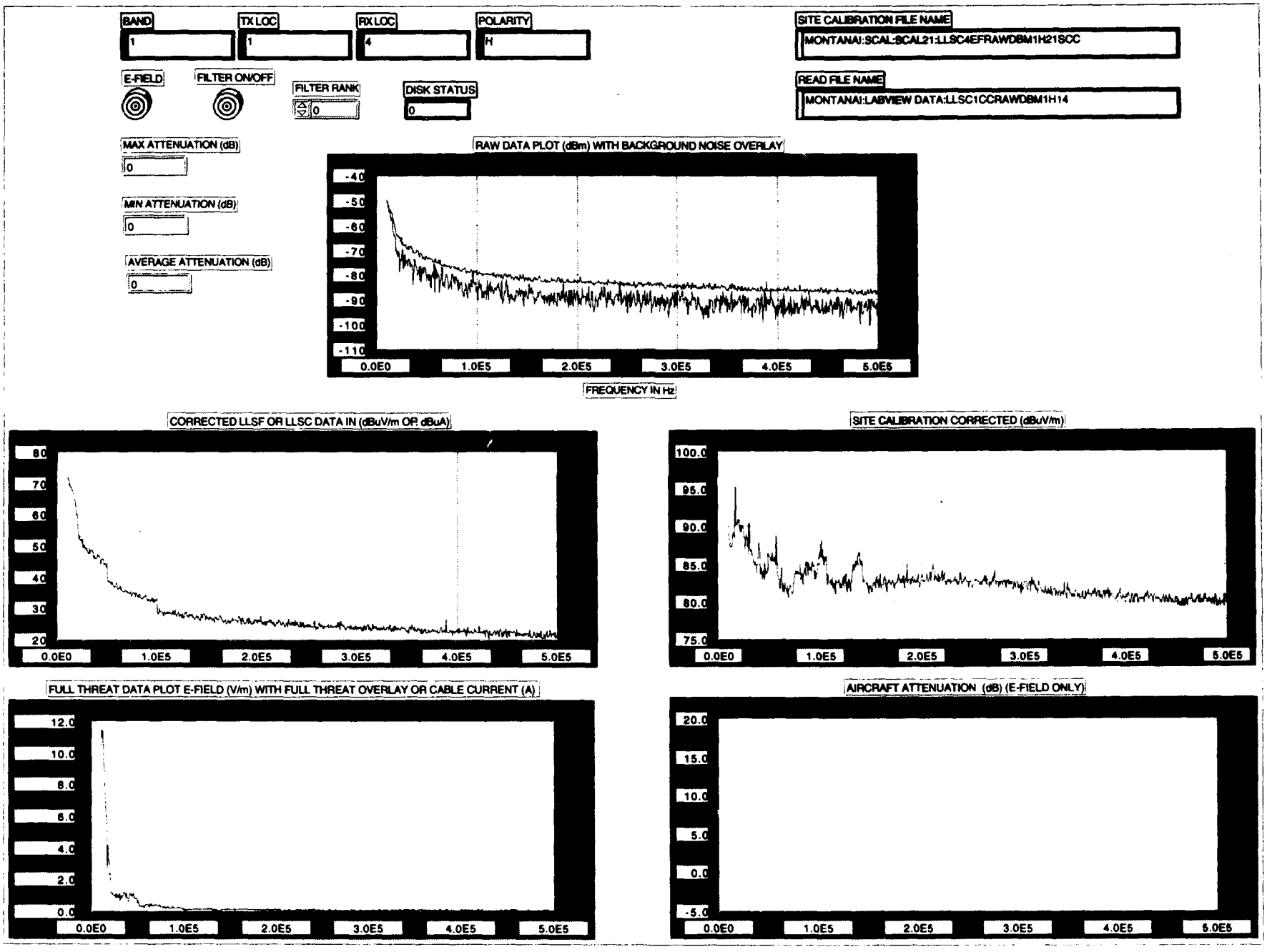
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)

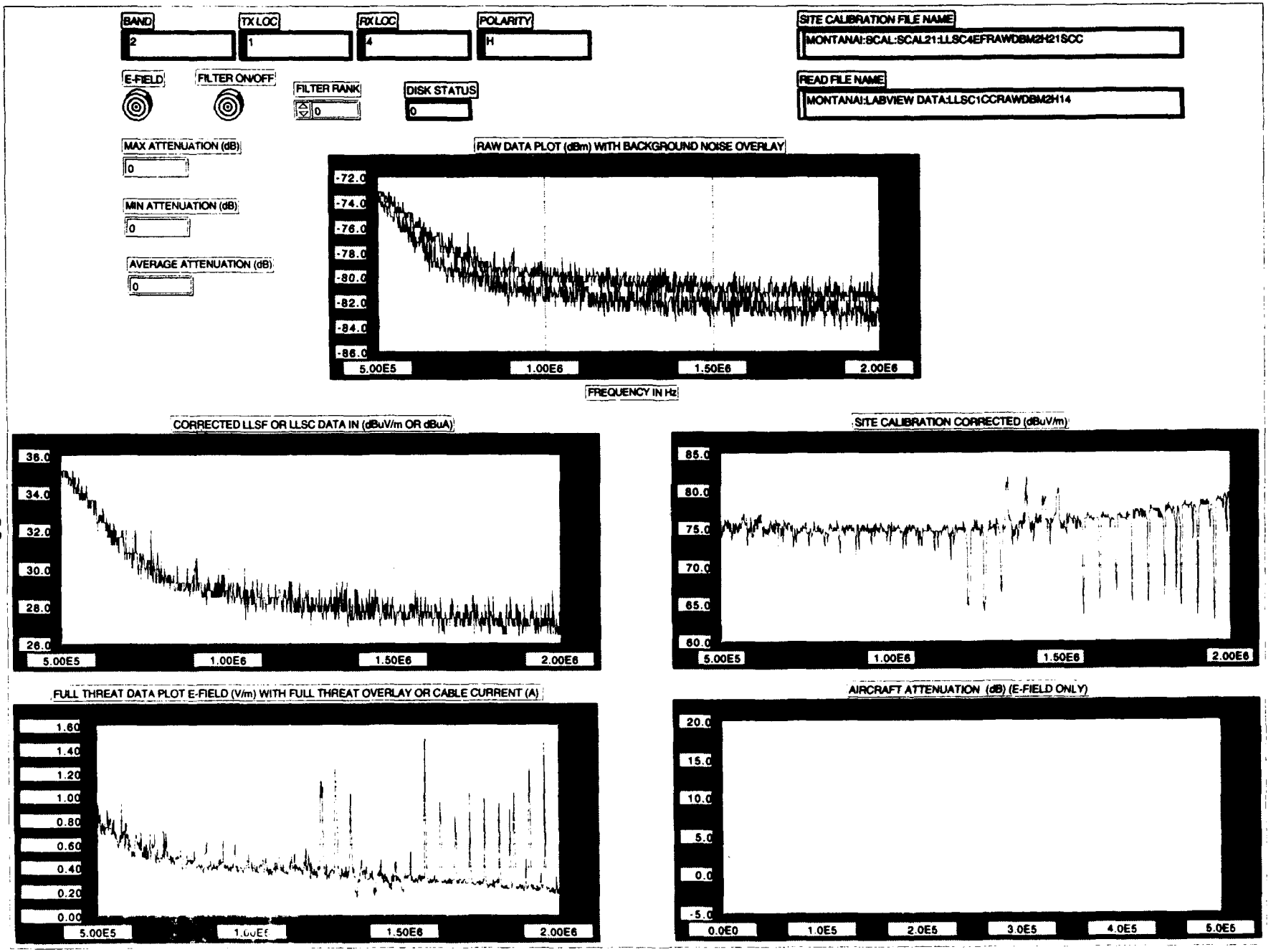


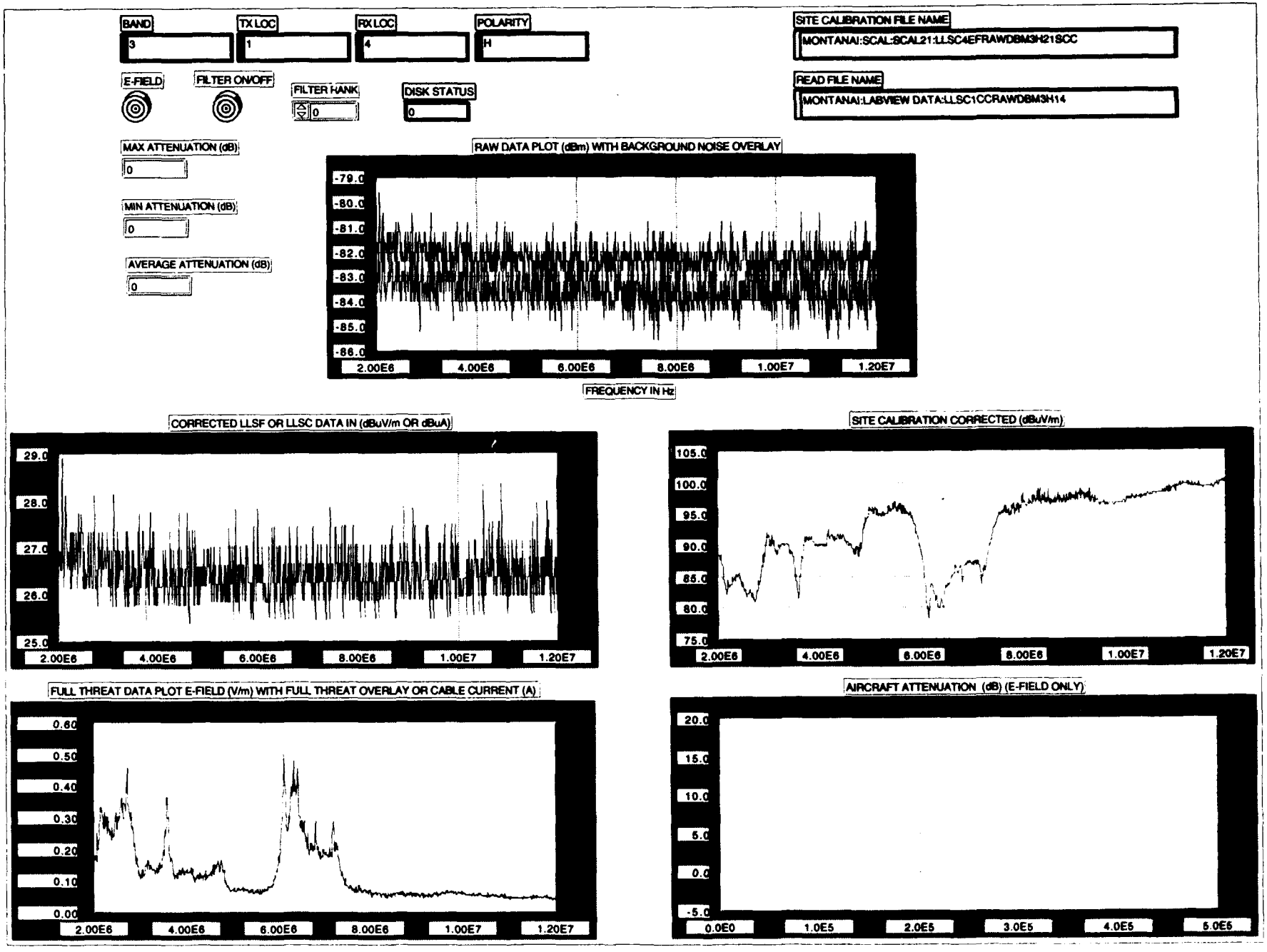

BAND
8
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL11:LLSC4EFRAWDBM8H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM8H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-65.0
-70.0
-75.0
-80.0
-85.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
38.0
36.0
34.0
32.0
30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.350
0.300
0.250
0.200
0.150
0.100
4.50E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

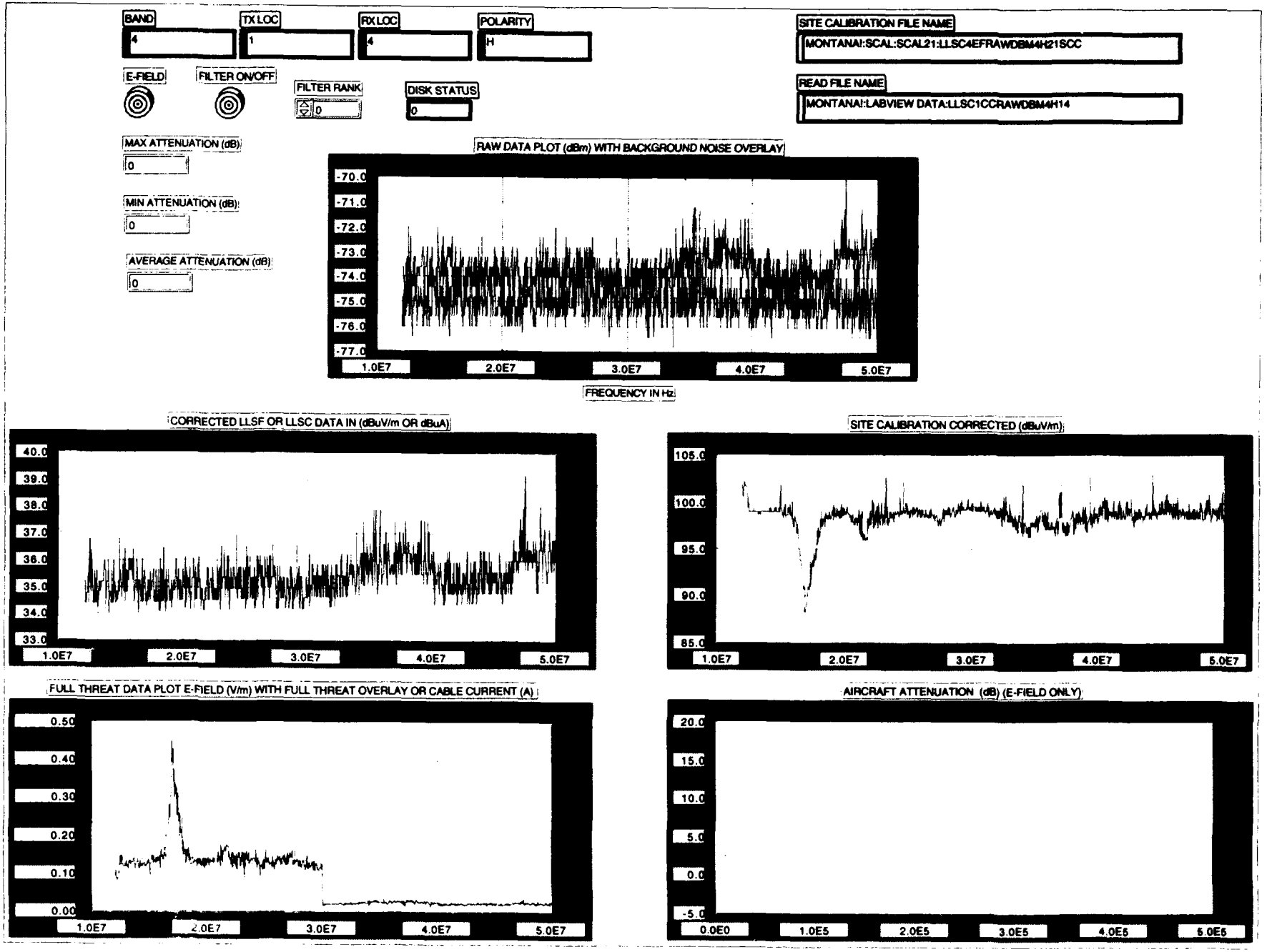

BAND
9
TX LOC
1
RX LOC
1
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL11:LLSC4EFRAWDBM9H11SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM9H11
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
30.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
132.0
130.0
128.0
126.0
124.0
122.0
120.0
118.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

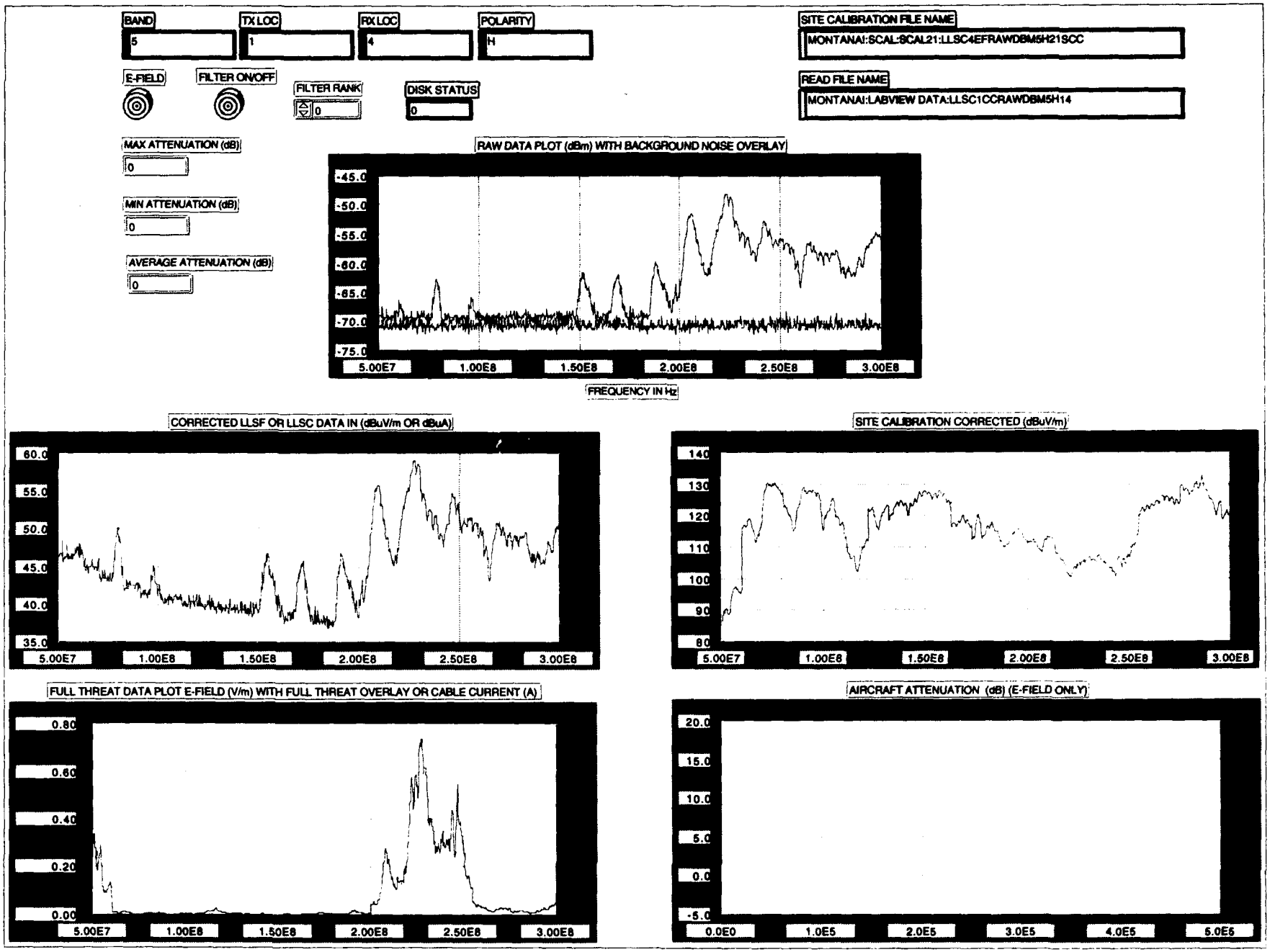
SECTION 2-3
ALTITUDE INDICATOR LLSC DATA PLOTS

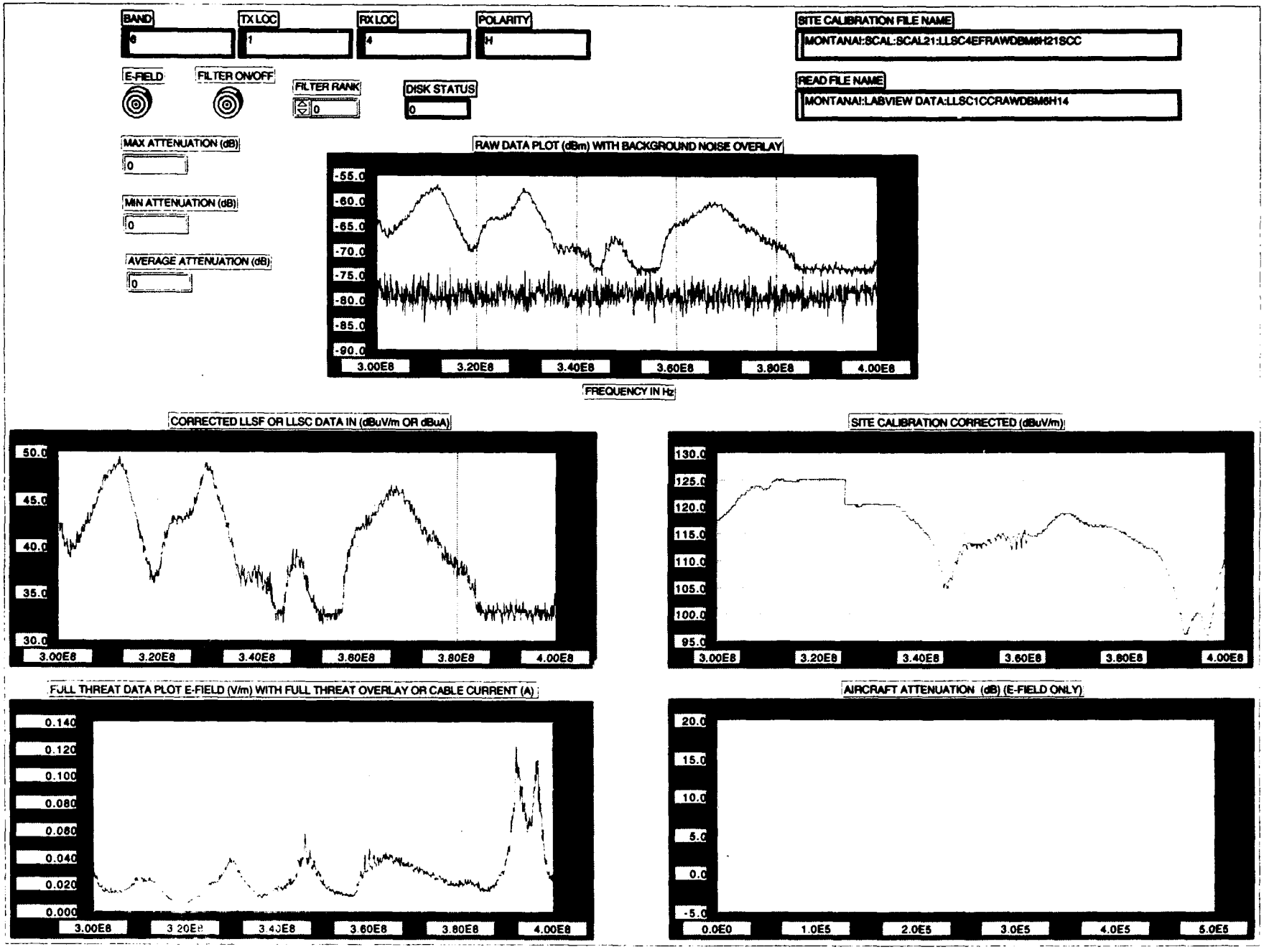

BAND
1
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM1H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
-100
-110
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

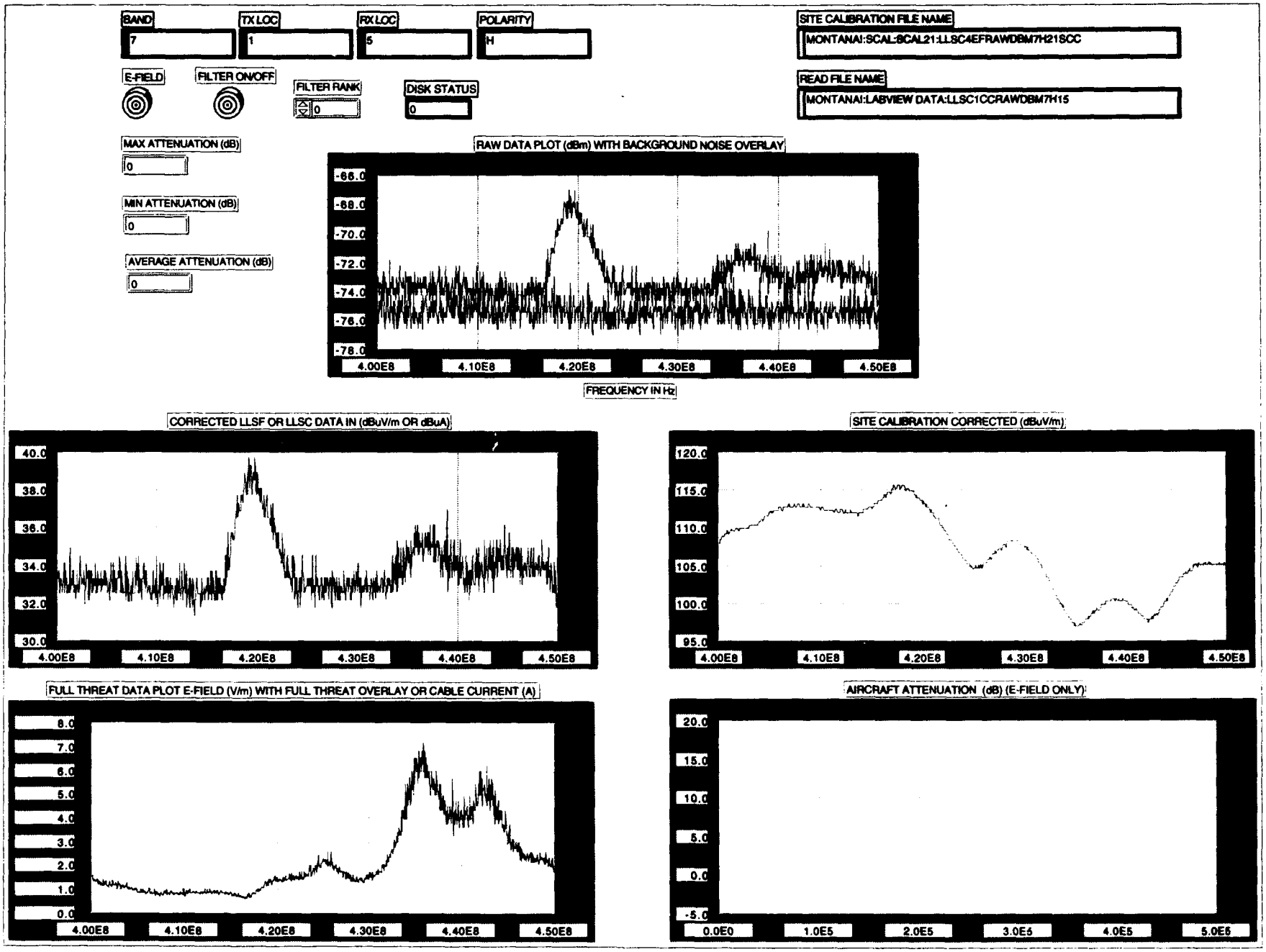

BAND
2
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM2H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-72.0
-74.0
-76.0
-78.0
-80.0
-82.0
-84.0
-86.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
36.0
34.0
32.0
30.0
28.0
26.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

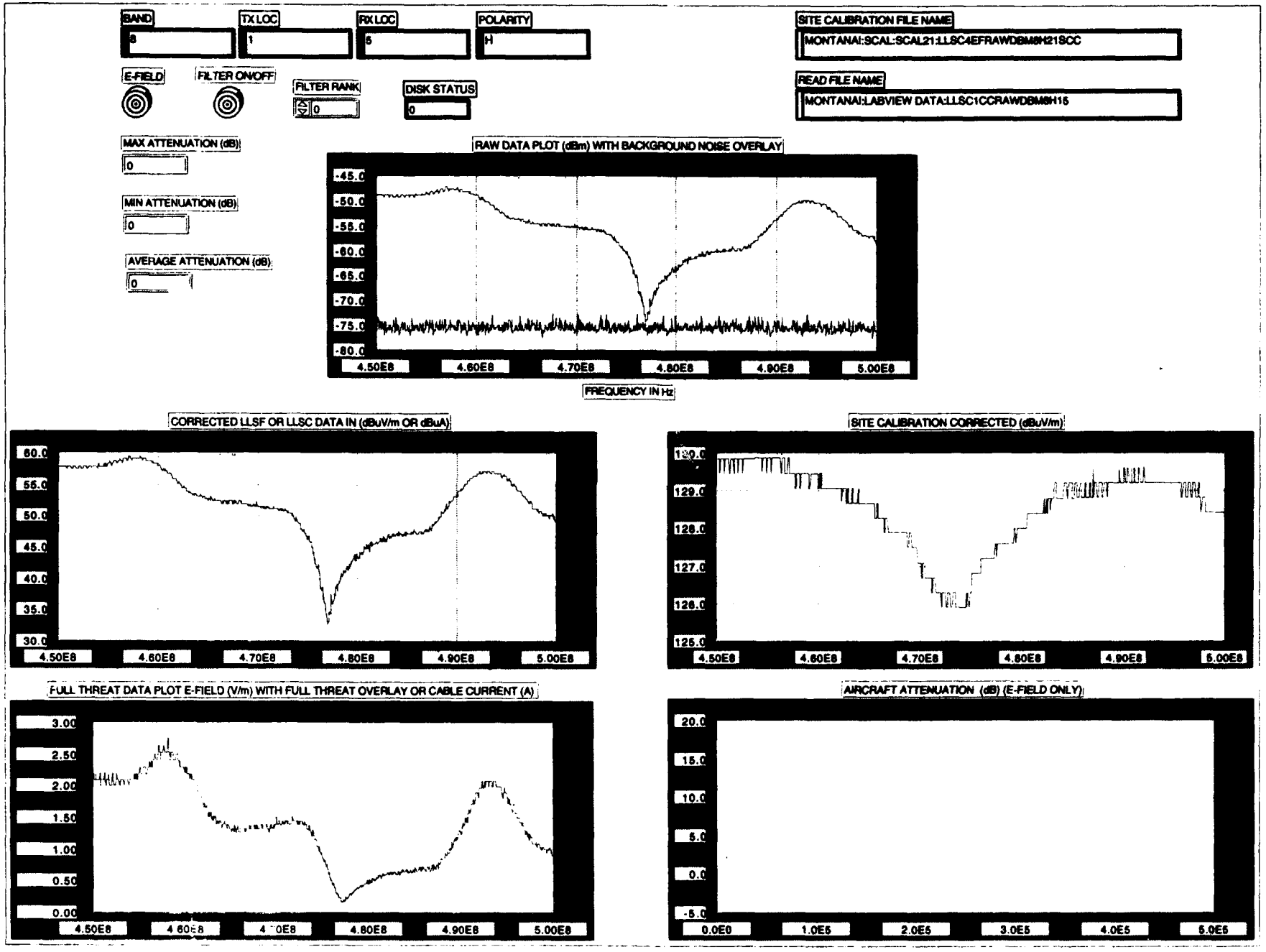

BAND
3
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM3H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-79.0
-80.0
-81.0
-82.0
-83.0
-84.0
-85.0
-86.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
29.0
28.0
27.0
26.0
25.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

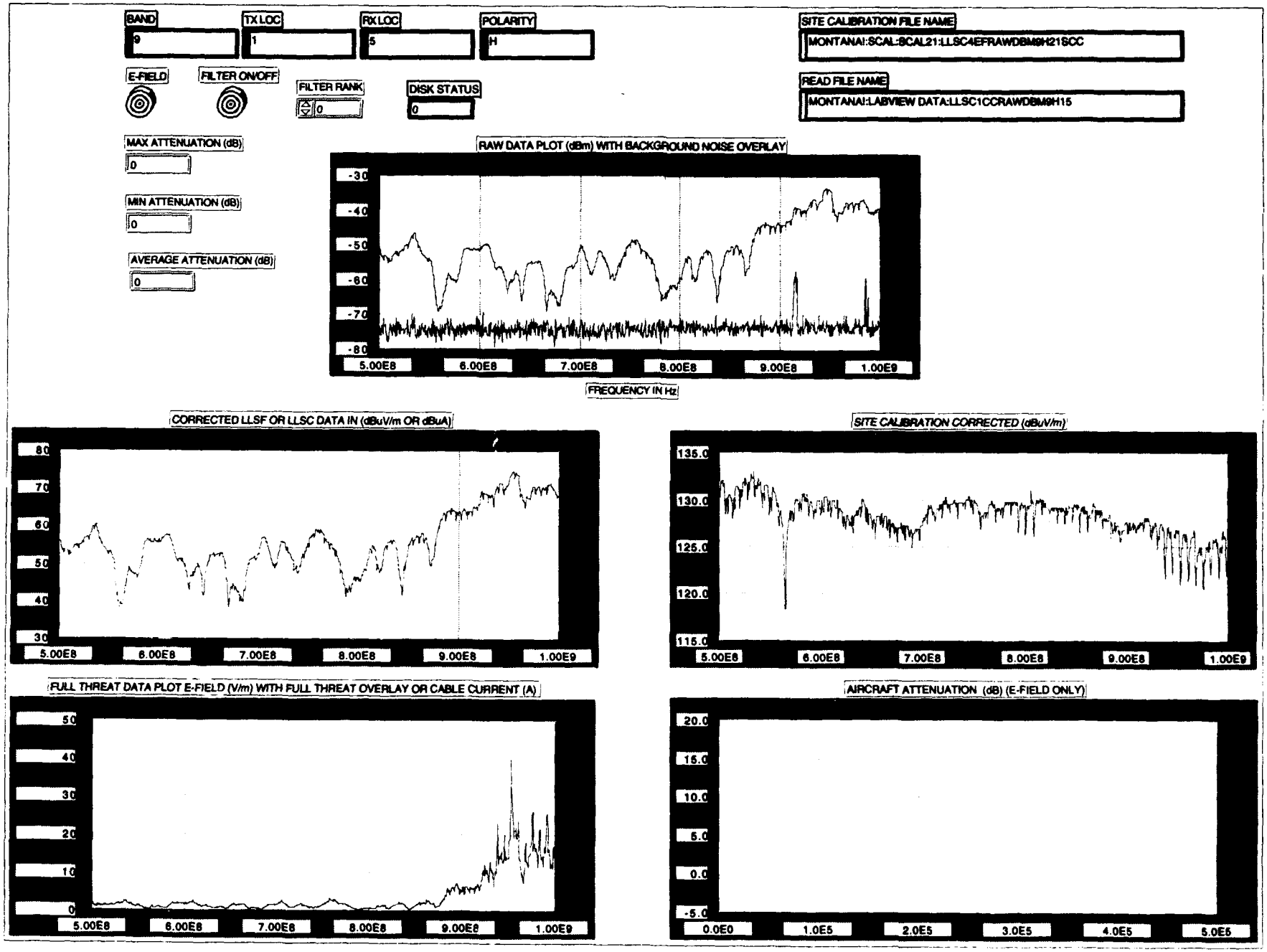

BAND
4
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM4H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-70.0
-71.0
-72.0
-73.0
-74.0
-75.0
-76.0
-77.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
39.0
38.0
37.0
36.0
35.0
34.0
33.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

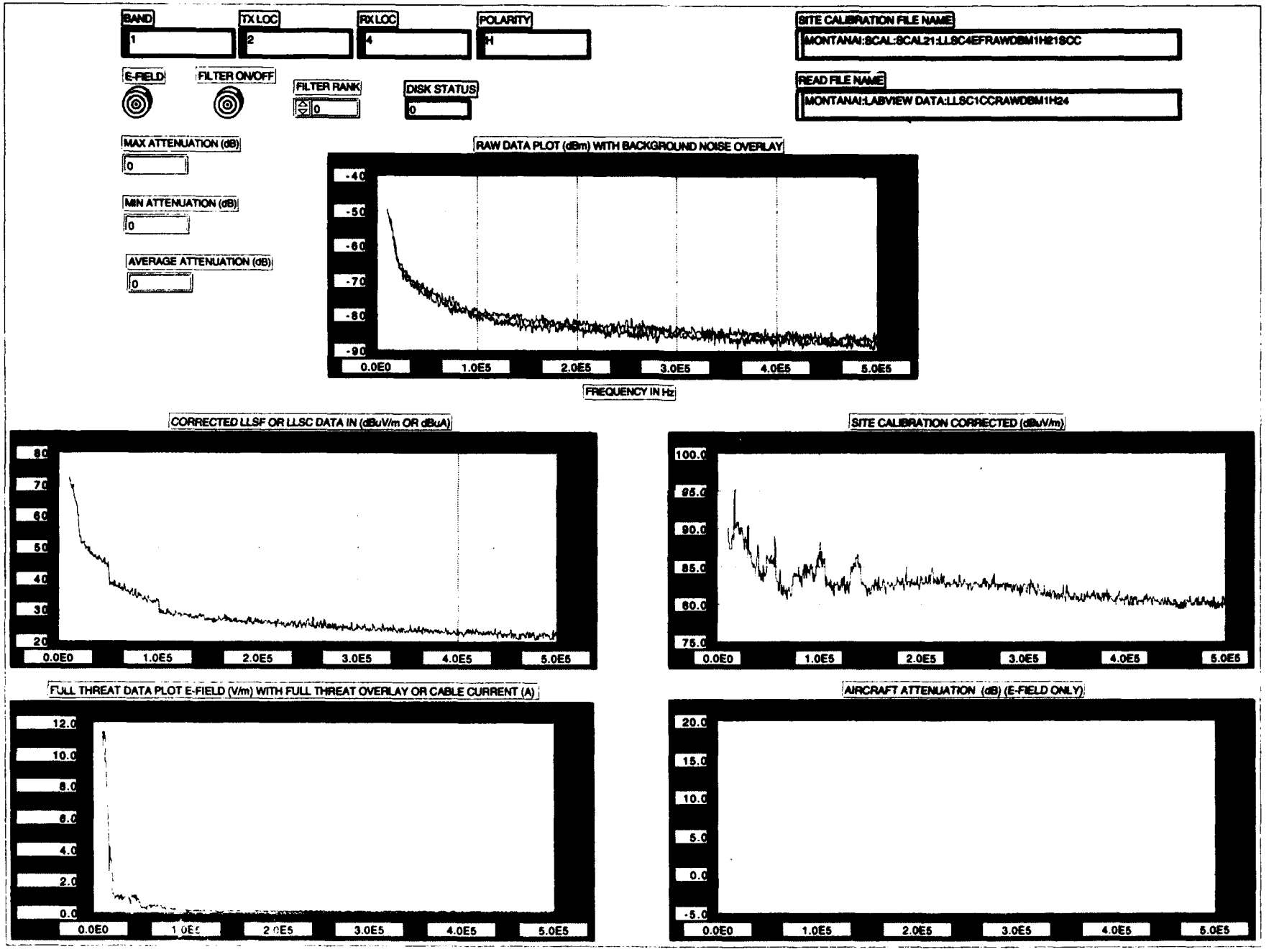

BAND
5
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA1:SCAL:SCAL21:LLSC4EFRAWDBM5H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA1:LABVIEW DATA:LLSC1CCRAWDBM5H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.80
0.60
0.40
0.20
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

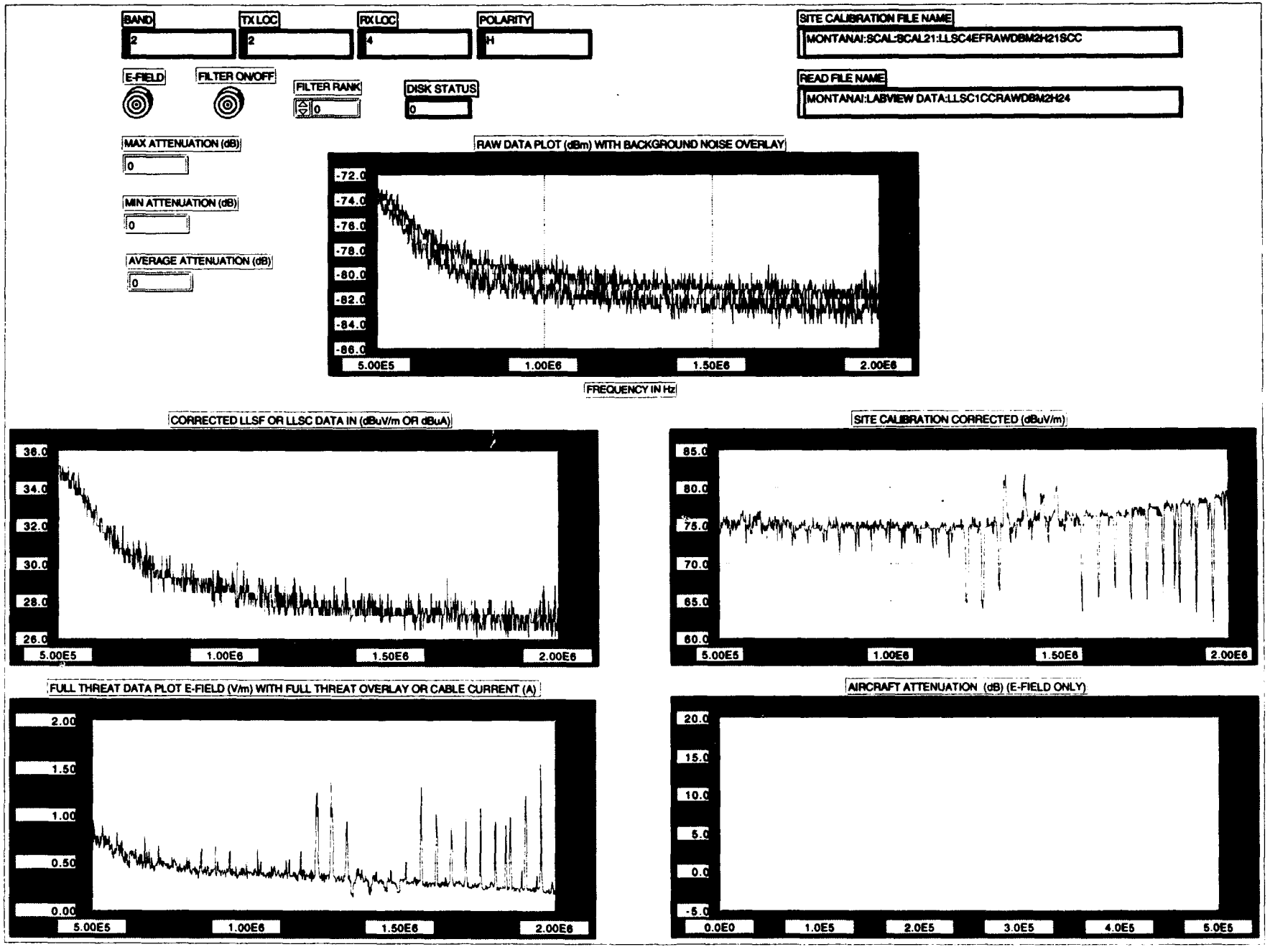

BAND
9
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM6H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
50.0
45.0
40.0
35.0
30.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

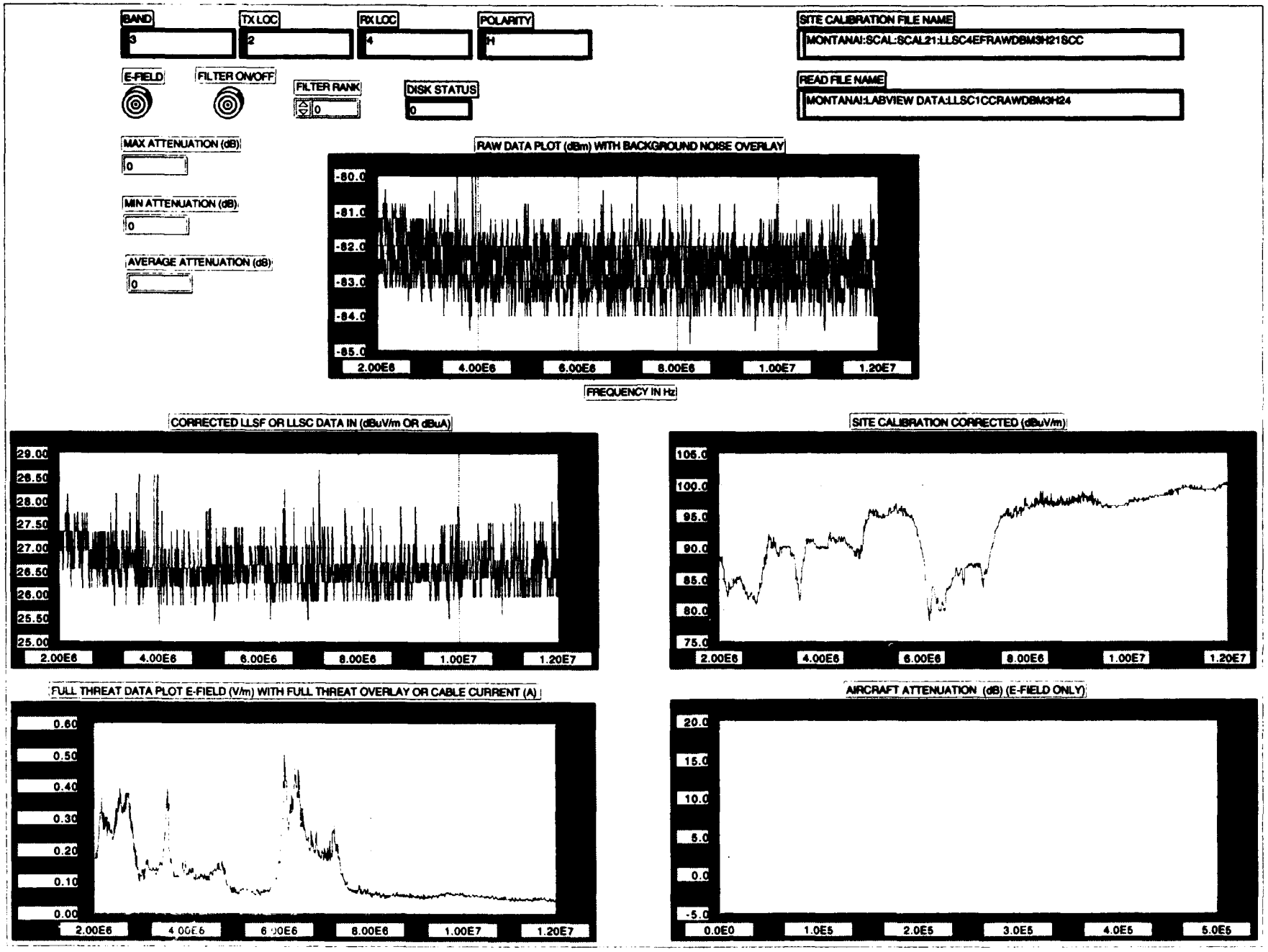

BAND
7
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
-78.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
38.0
36.0
34.0
32.0
30.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

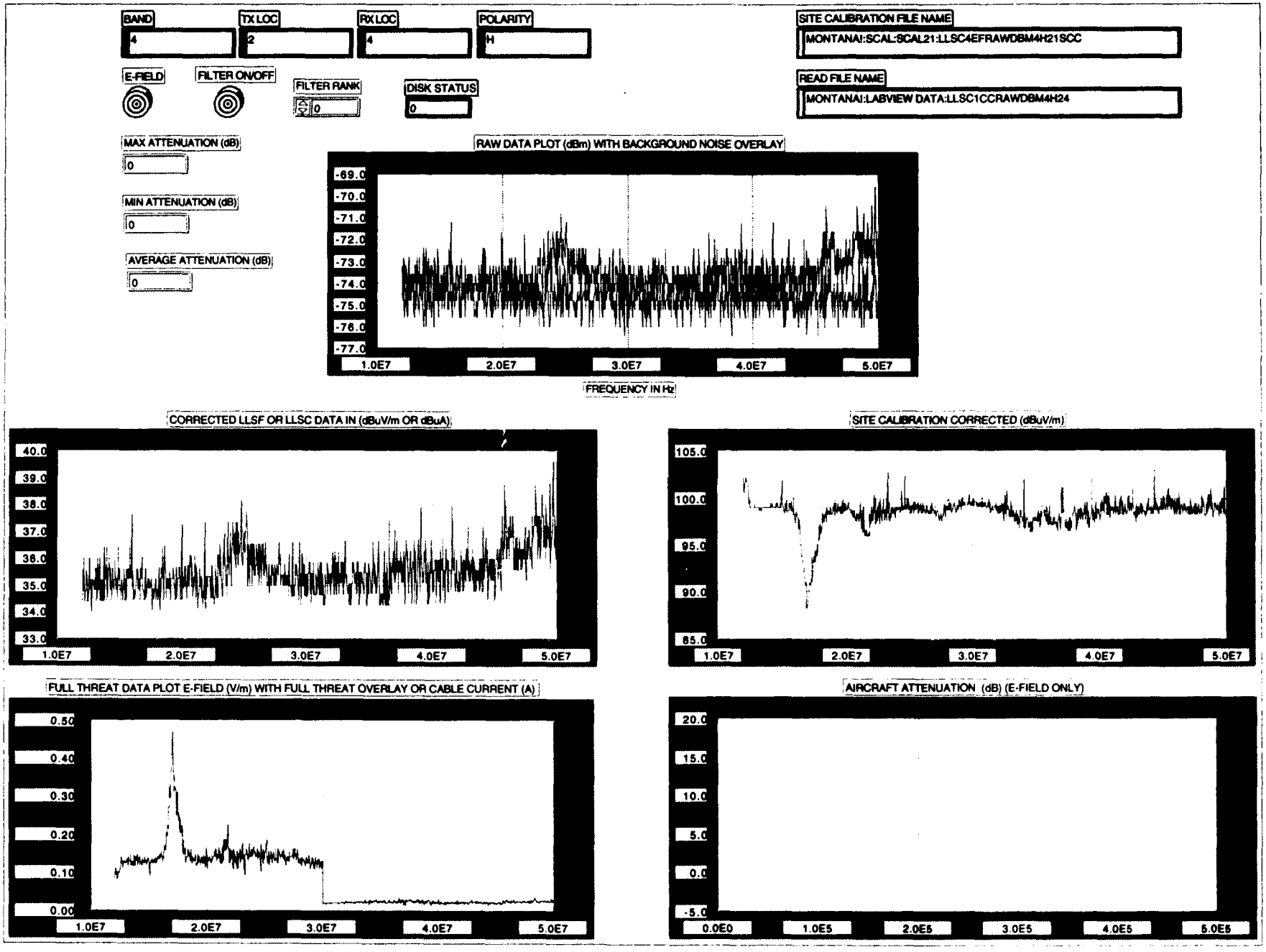

BAND
8
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM8H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM8H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
3.00
2.50
2.00
1.50
1.00
0.50
0.00
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

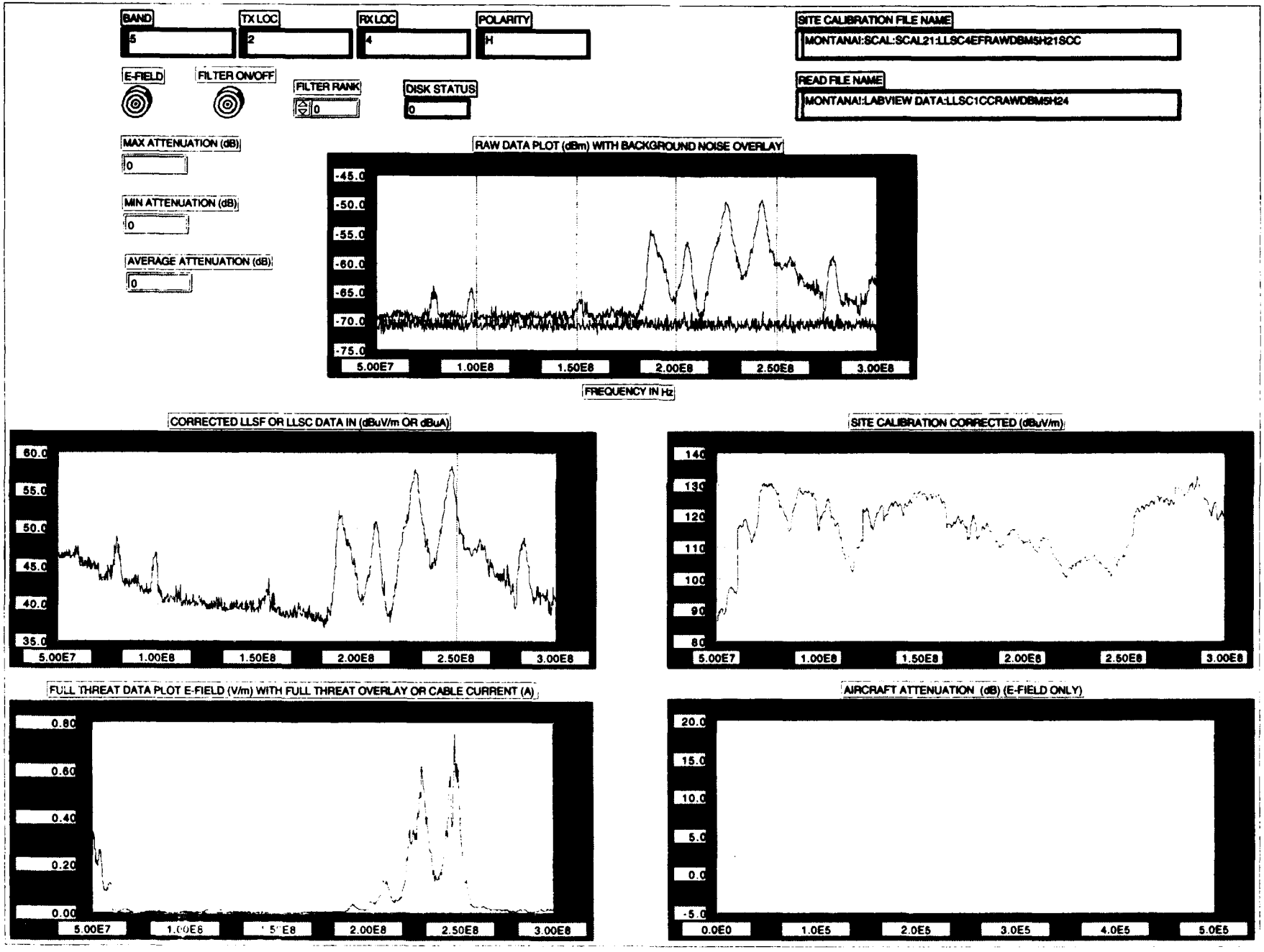

BAND
9
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM9H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM9H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-30
-40
-50
-60
-70
-80
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
135.0
130.0
125.0
120.0
115.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
50
40
30
20
10
0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

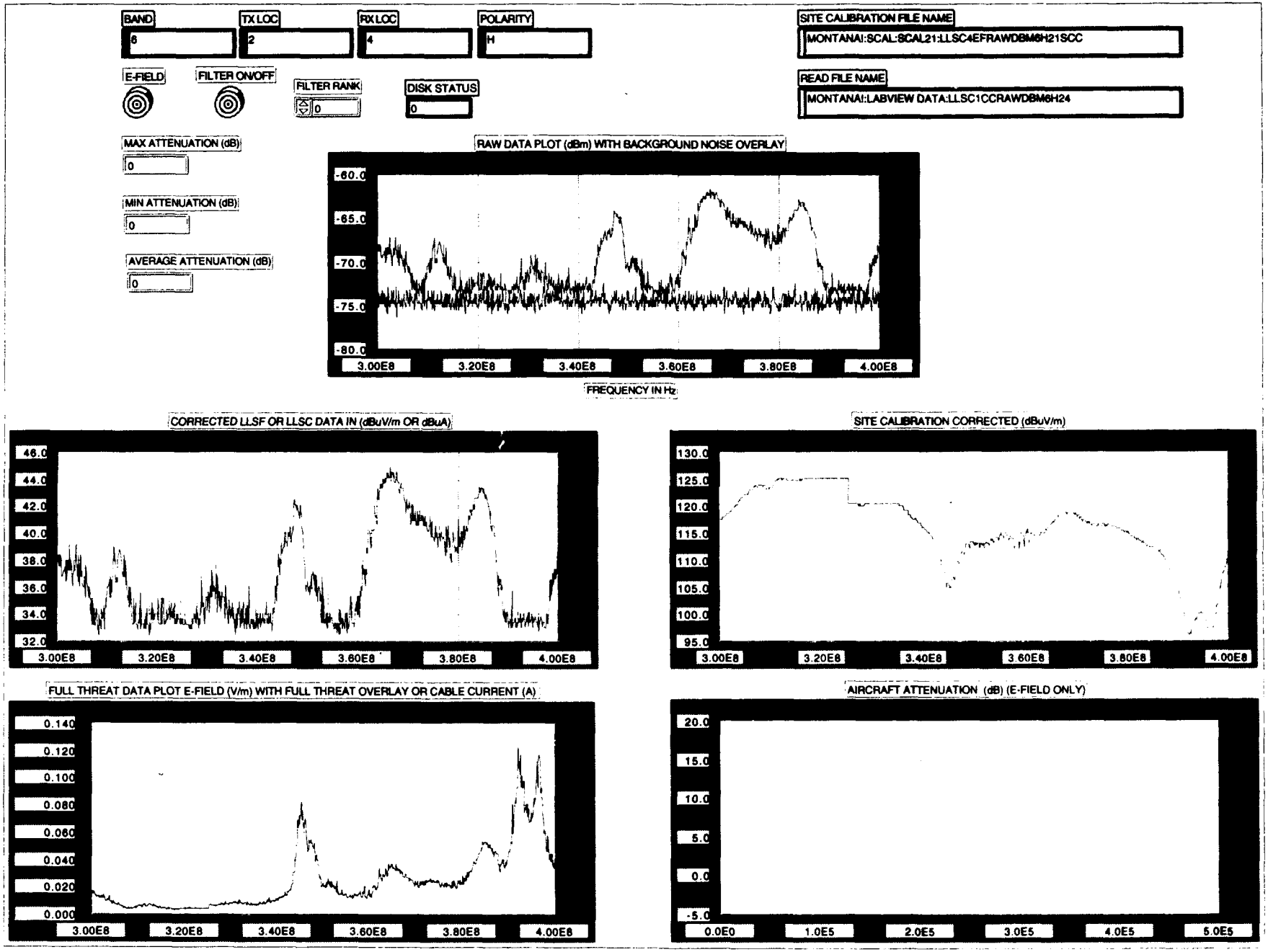

BAND
1
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM1H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

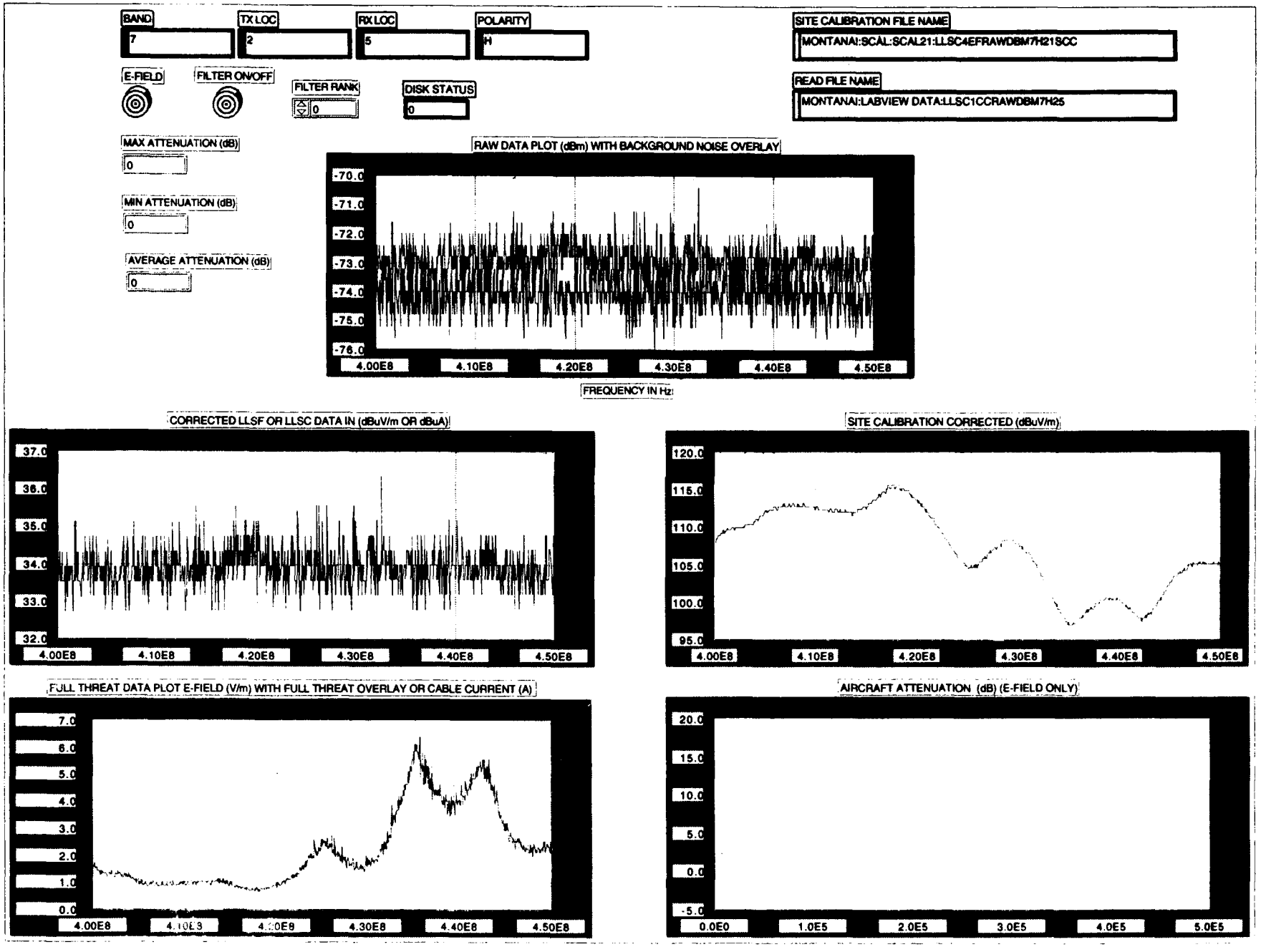

BAND
2
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM2H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-72.0
-74.0
-76.0
-78.0
-80.0
-82.0
-84.0
-86.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
36.0
34.0
32.0
30.0
28.0
26.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
2.00
1.50
1.00
0.50
0.00
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

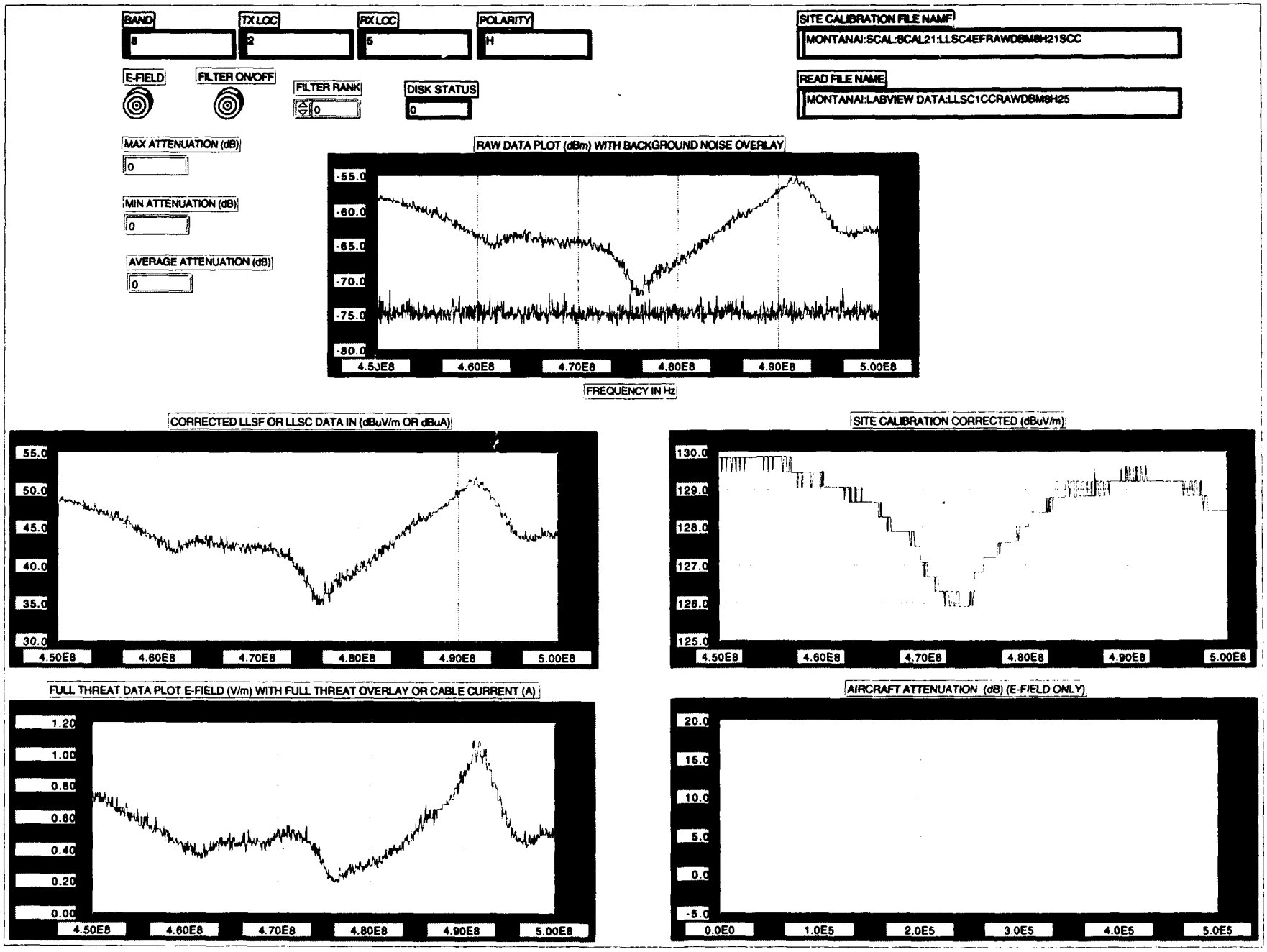

BAND
3
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM3H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-80.0
-81.0
-82.0
-83.0
-84.0
-85.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
29.00
28.50
28.00
27.50
27.00
26.50
26.00
25.50
25.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

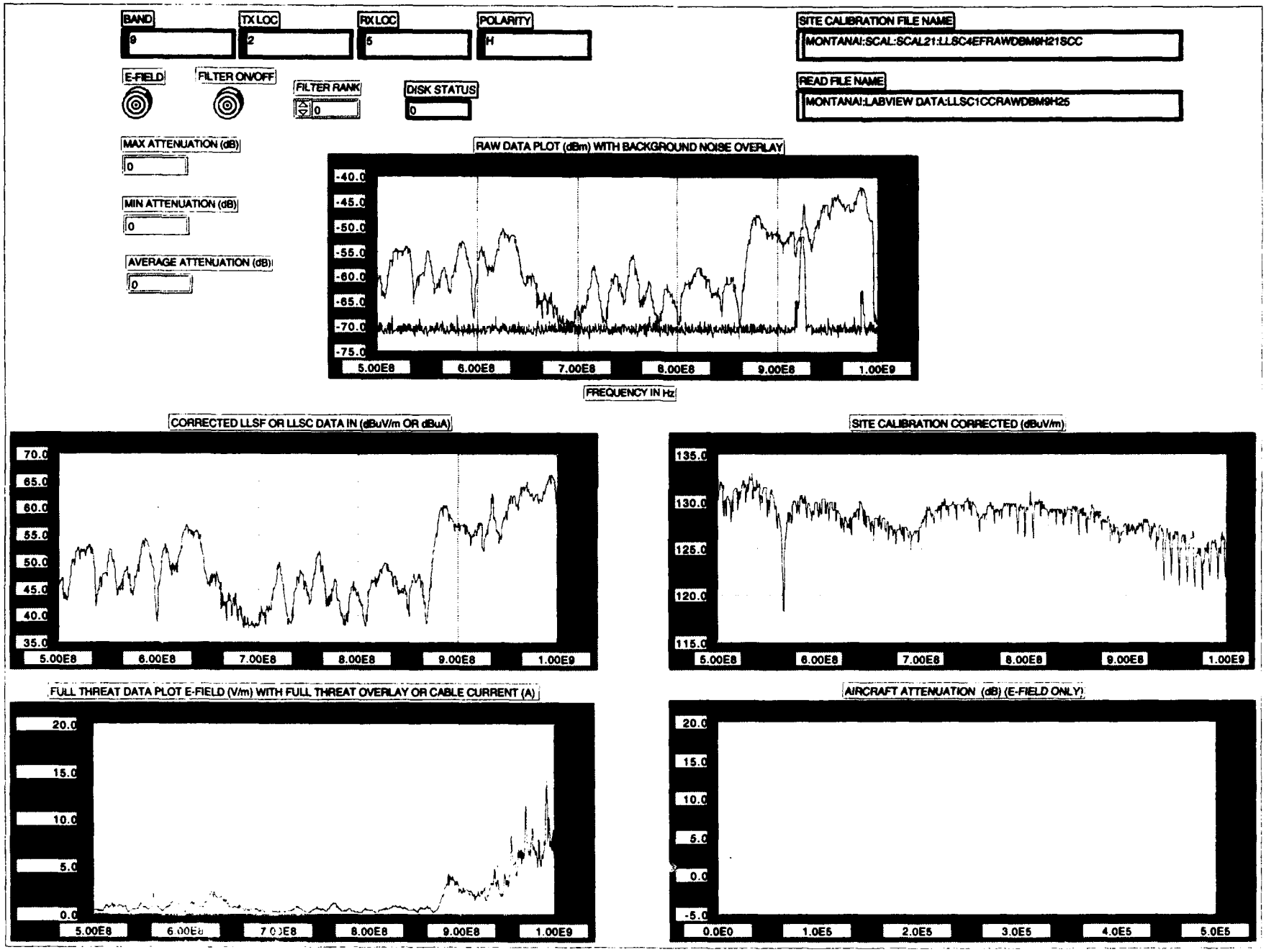

BAND
4
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM4H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-69.0
-70.0
-71.0
-72.0
-73.0
-74.0
-75.0
-76.0
-77.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
39.0
38.0
37.0
36.0
35.0
34.0
33.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
5
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBMSH21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBMSH24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.80
0.60
0.40
0.20
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

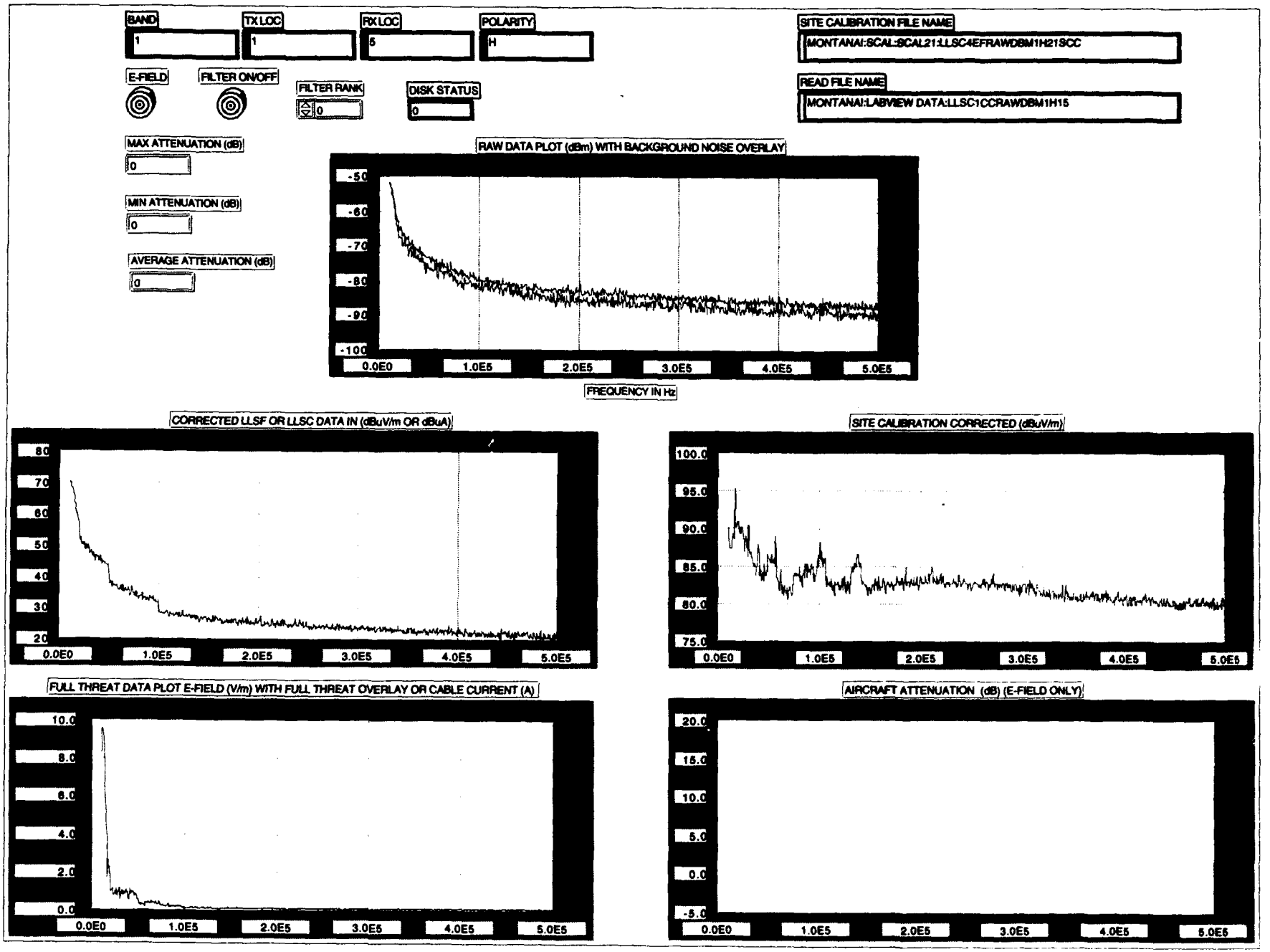

BAND
6
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM6H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
46.0
44.0
42.0
40.0
38.0
36.0
34.0
32.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

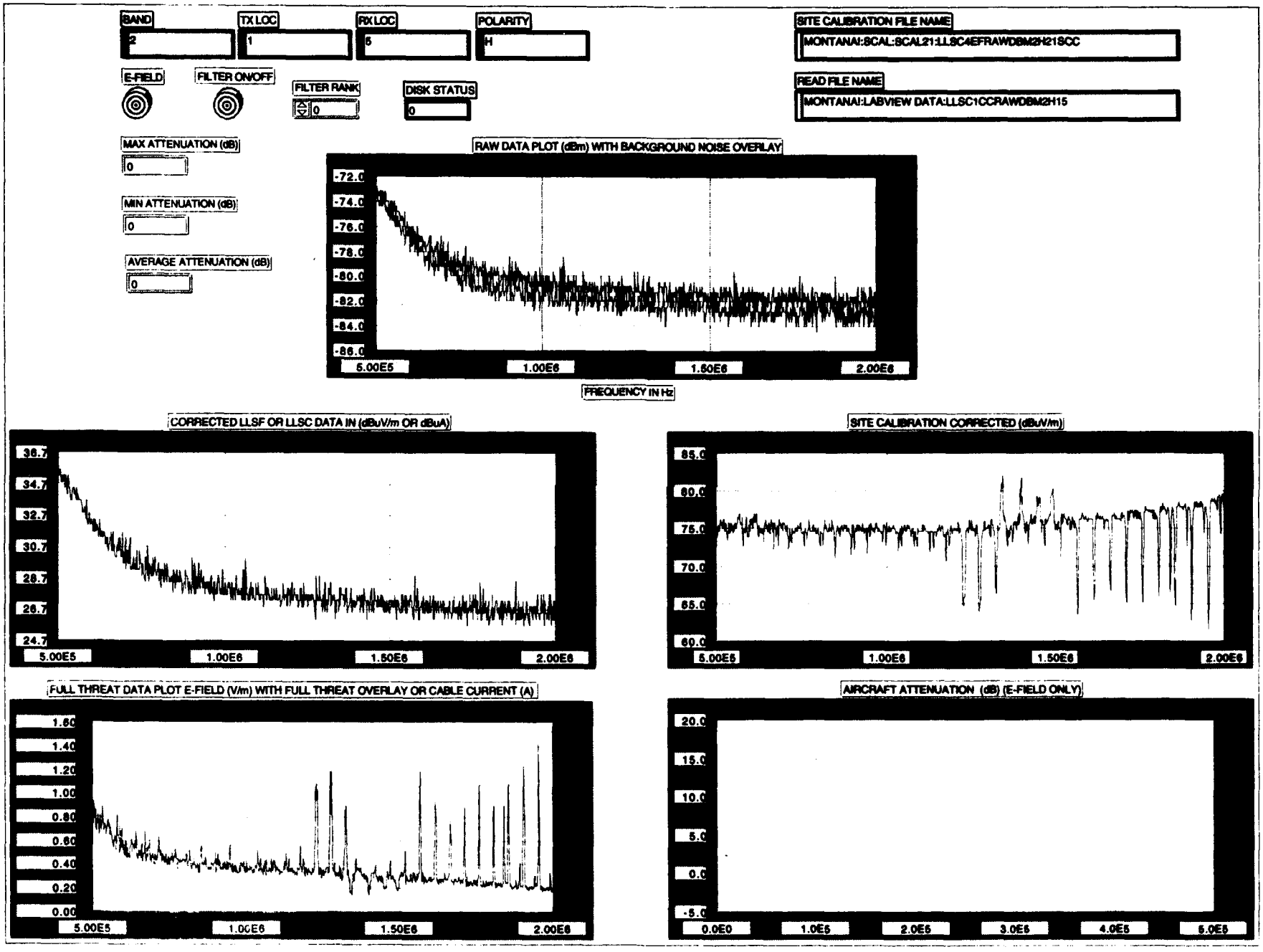

BAND
7
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-70.0
-71.0
-72.0
-73.0
-74.0
-75.0
-76.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
37.0
36.0
35.0
34.0
33.0
32.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

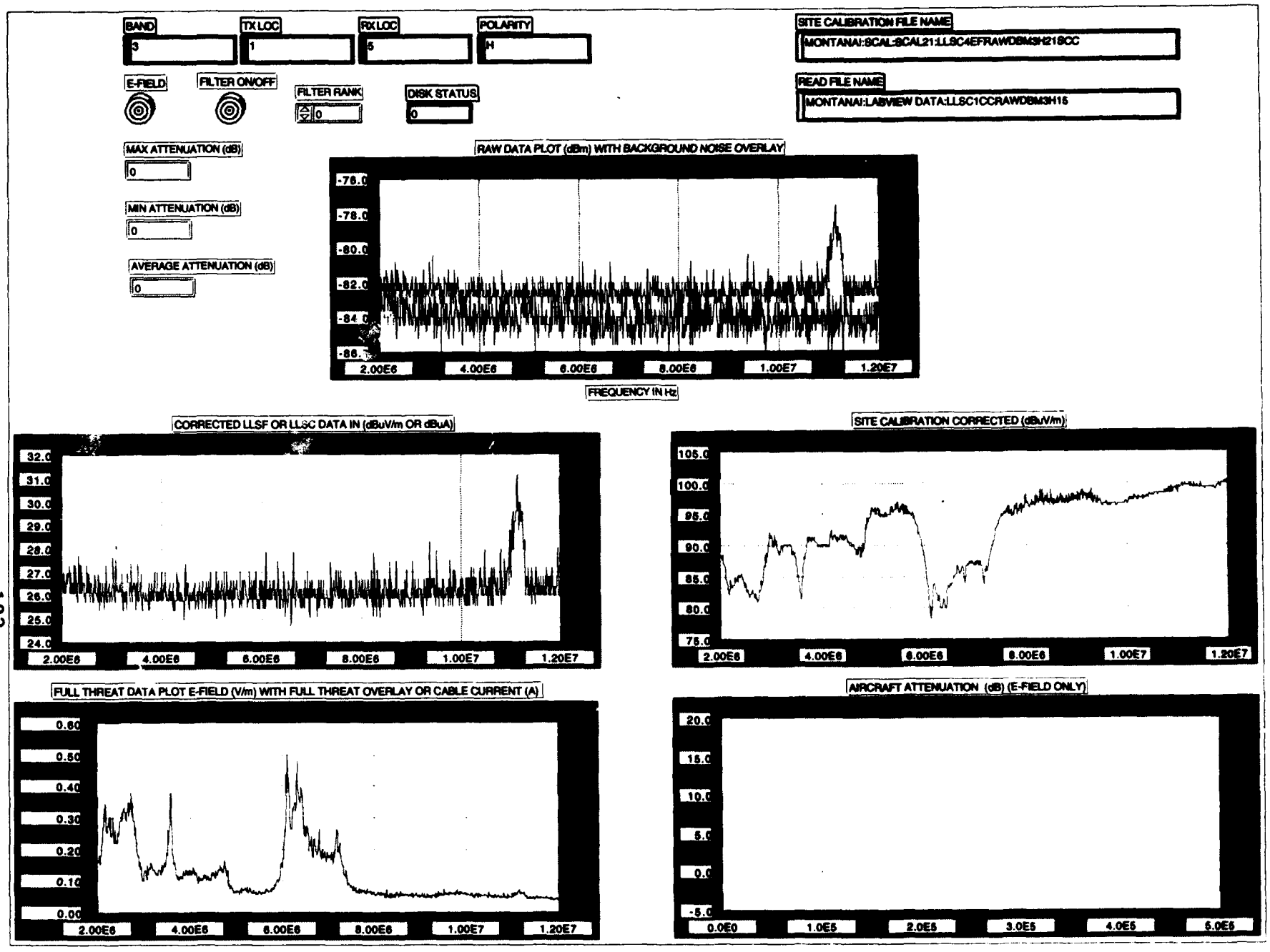

BAND
8
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM8H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM8H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
55.0
50.0
45.0
40.0
35.0
30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.20
1.00
0.80
0.60
0.40
0.20
0.00
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

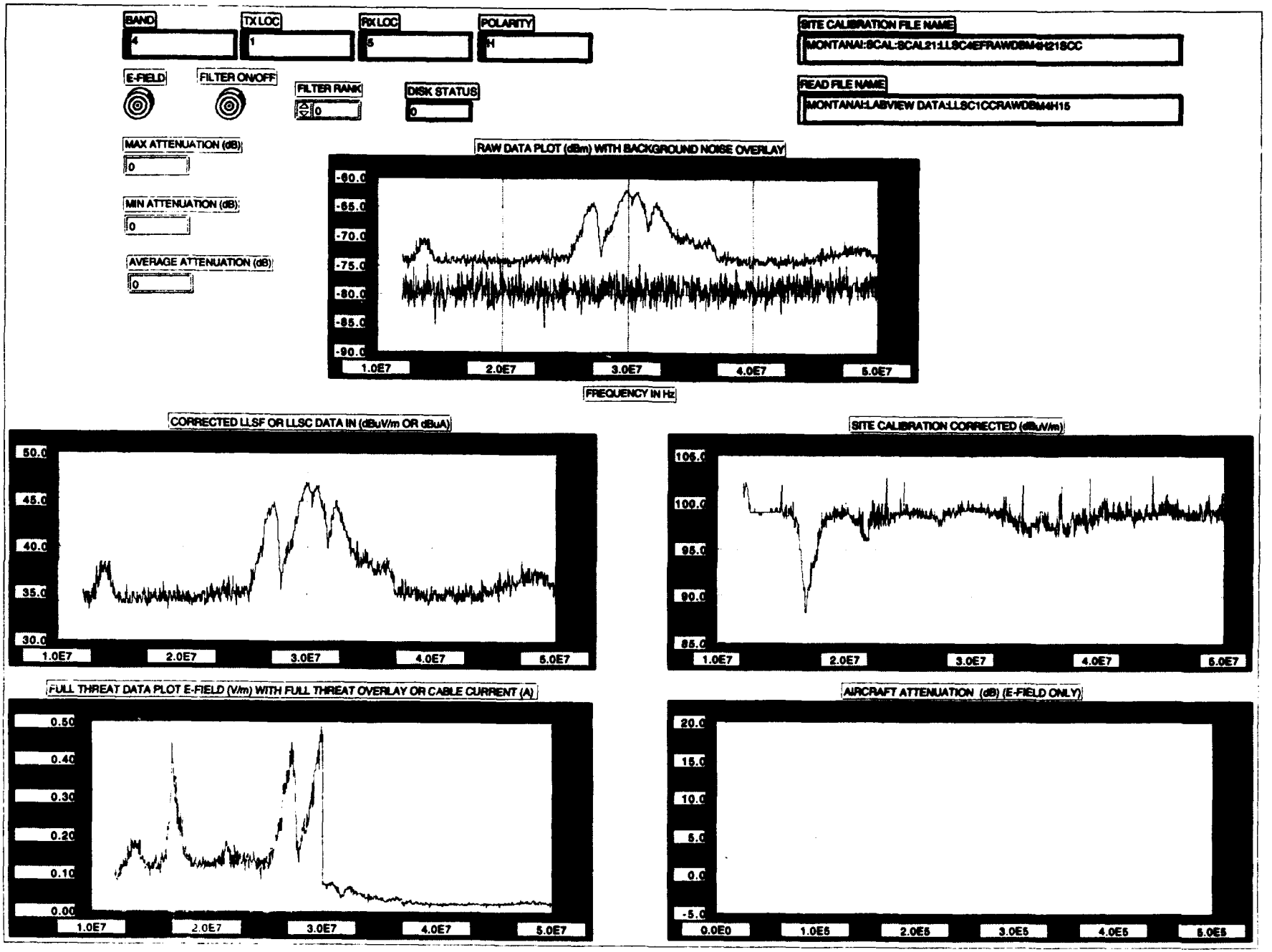

BAND
9
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM9H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM9H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
135.0
130.0
125.0
120.0
115.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
20.0
15.0
10.0
5.0
0.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

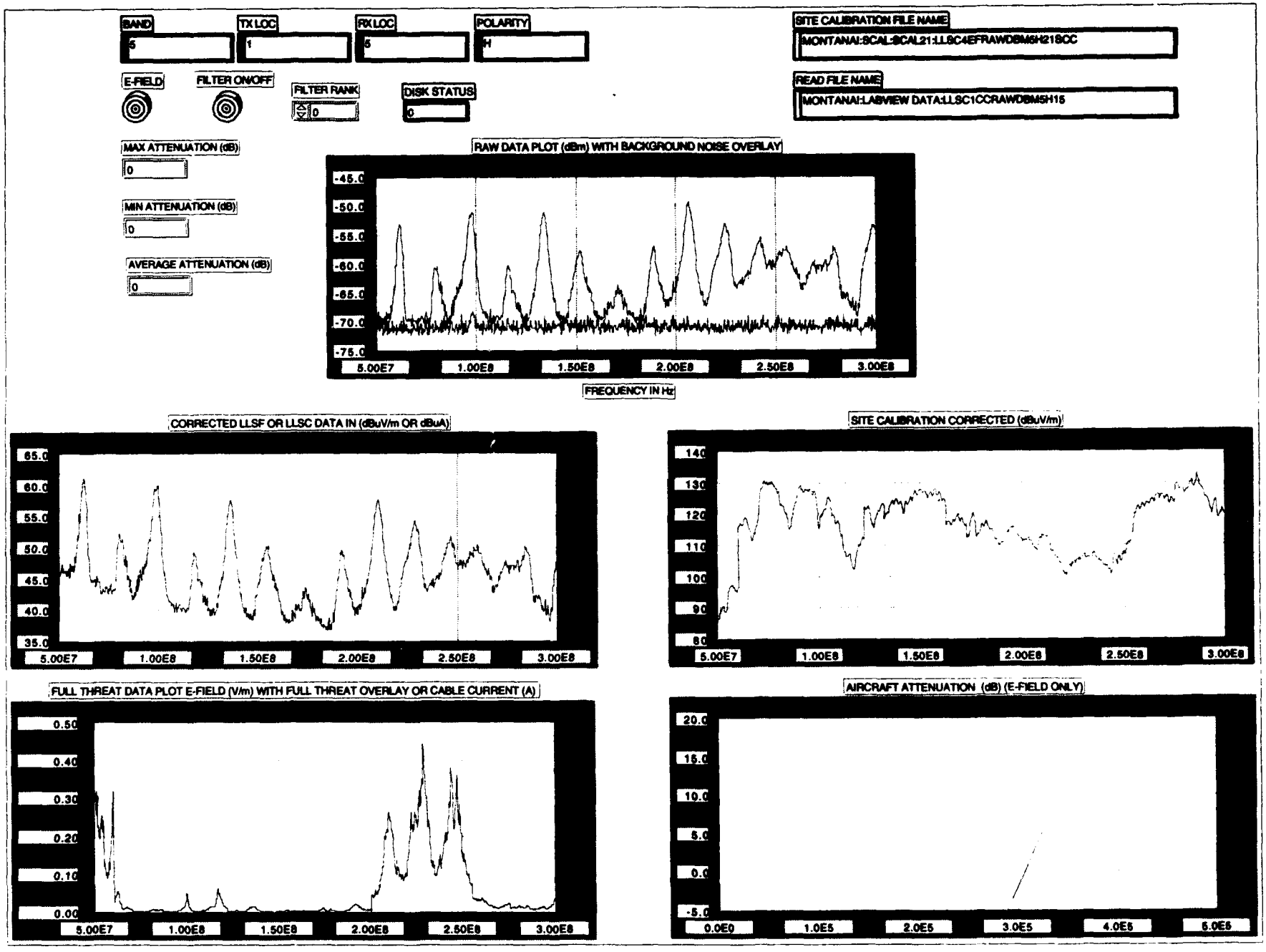
SECTION 2-4
FIRE SENSOR LLSC DATA PLOTS

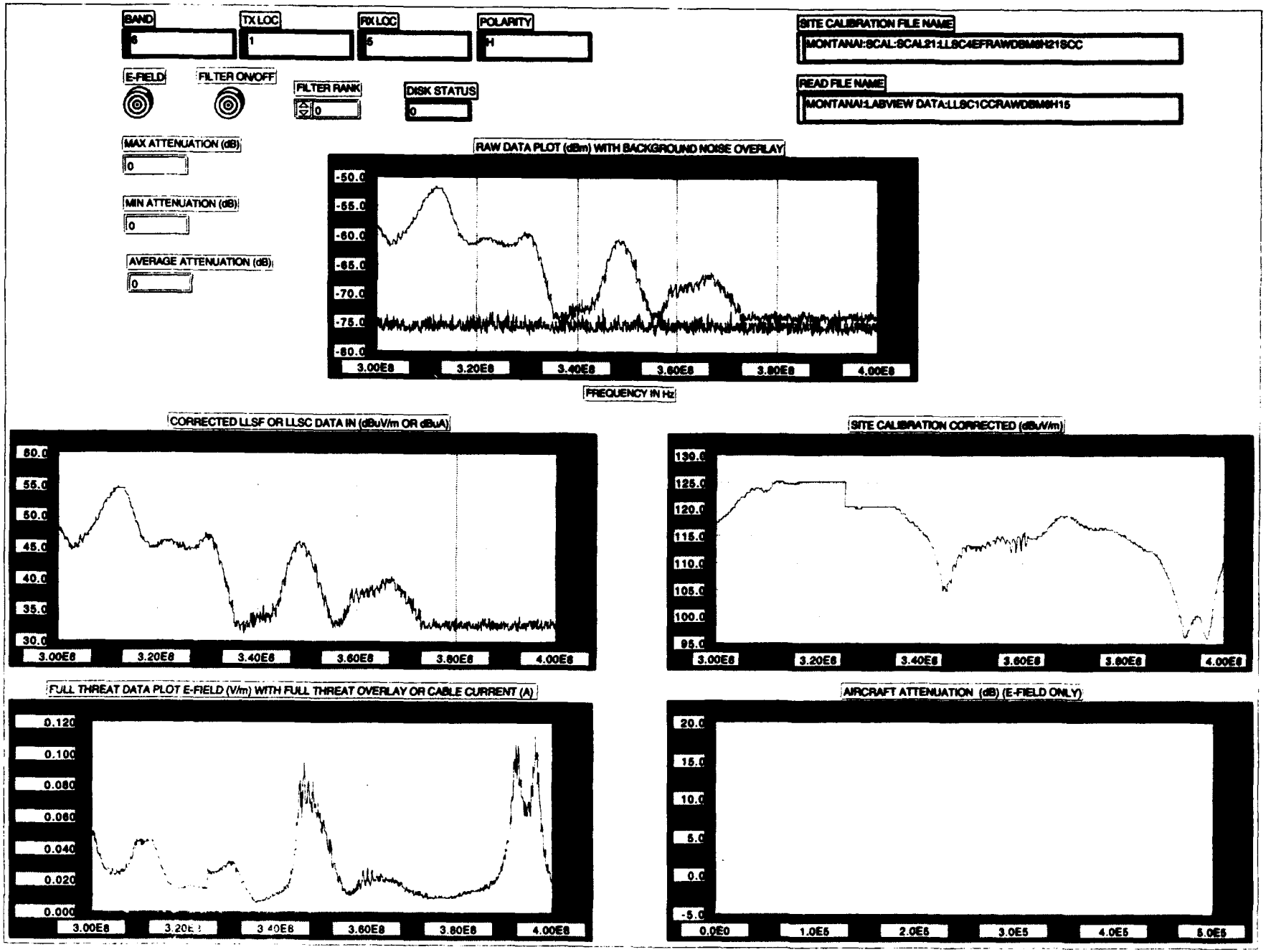

BAND
1
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM1H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50
-60
-70
-80
-90
-100
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
10.0
8.0
6.0
4.0
2.0
0.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

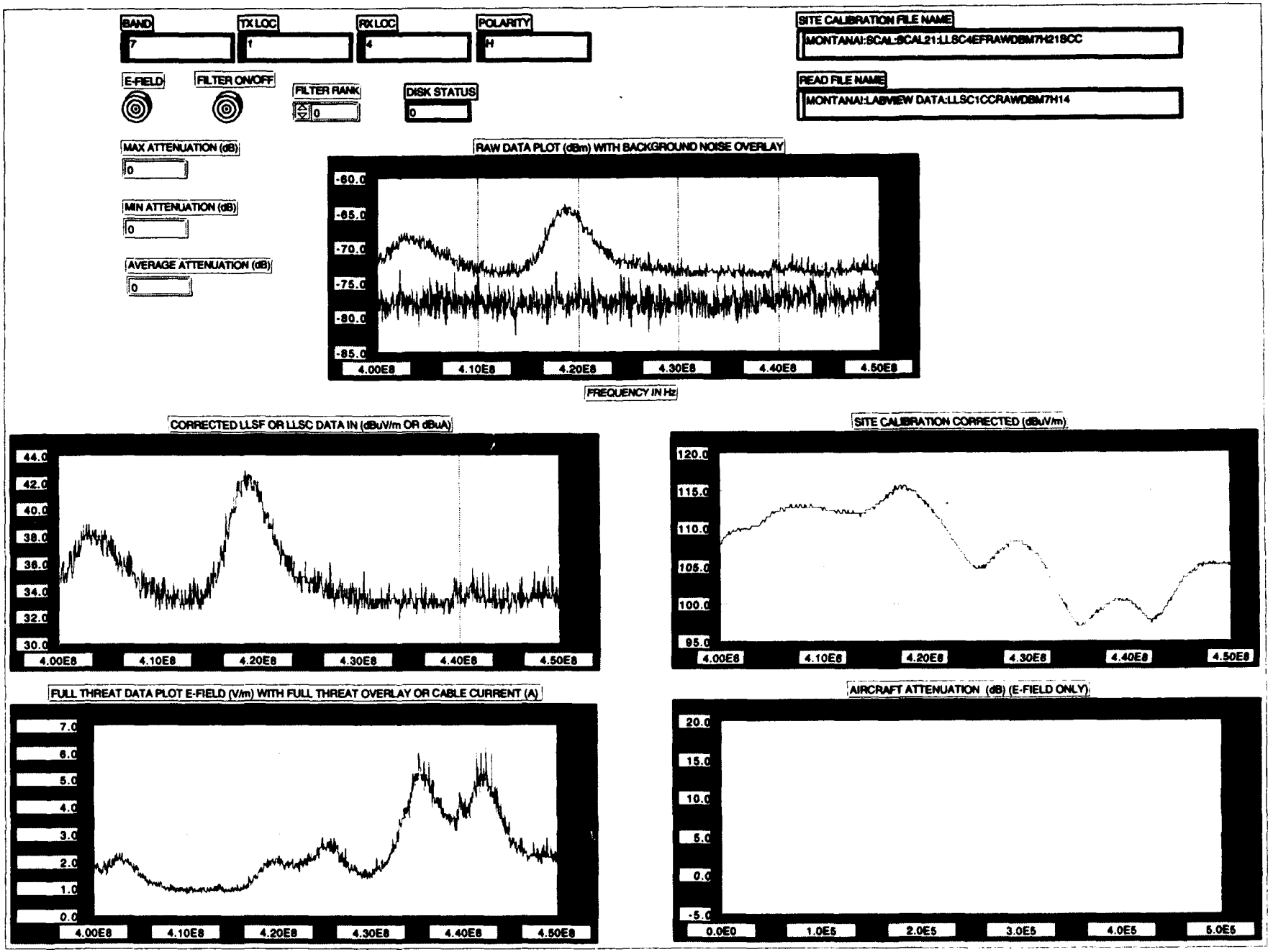

BAND
2
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM2H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-72.0
-74.0
-76.0
-78.0
-80.0
-82.0
-84.0
-86.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
36.7
34.7
32.7
30.7
28.7
26.7
24.7
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

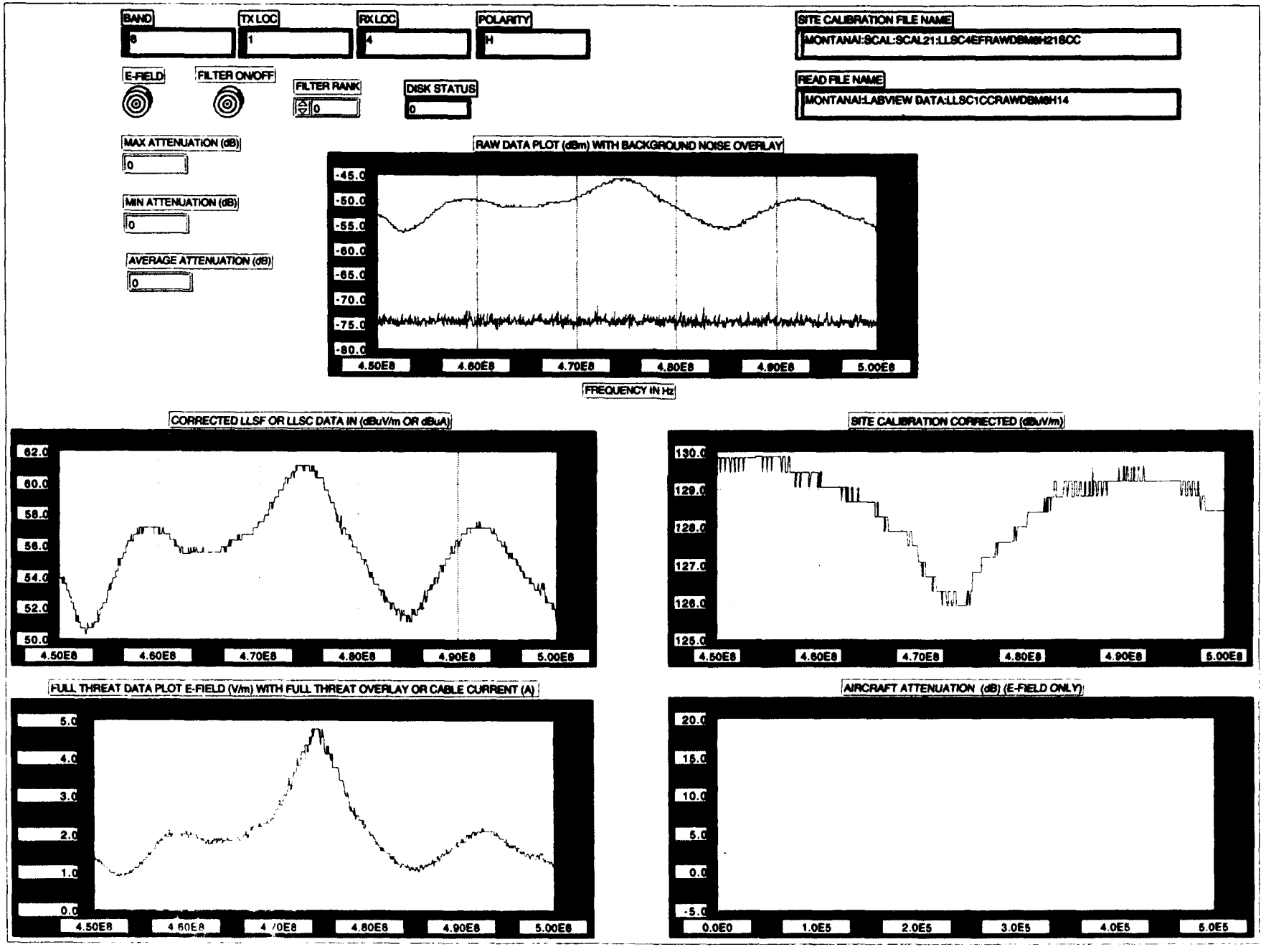

BAND
3
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM3H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-76.0
-78.0
-80.0
-82.0
-84.0
-86.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
32.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

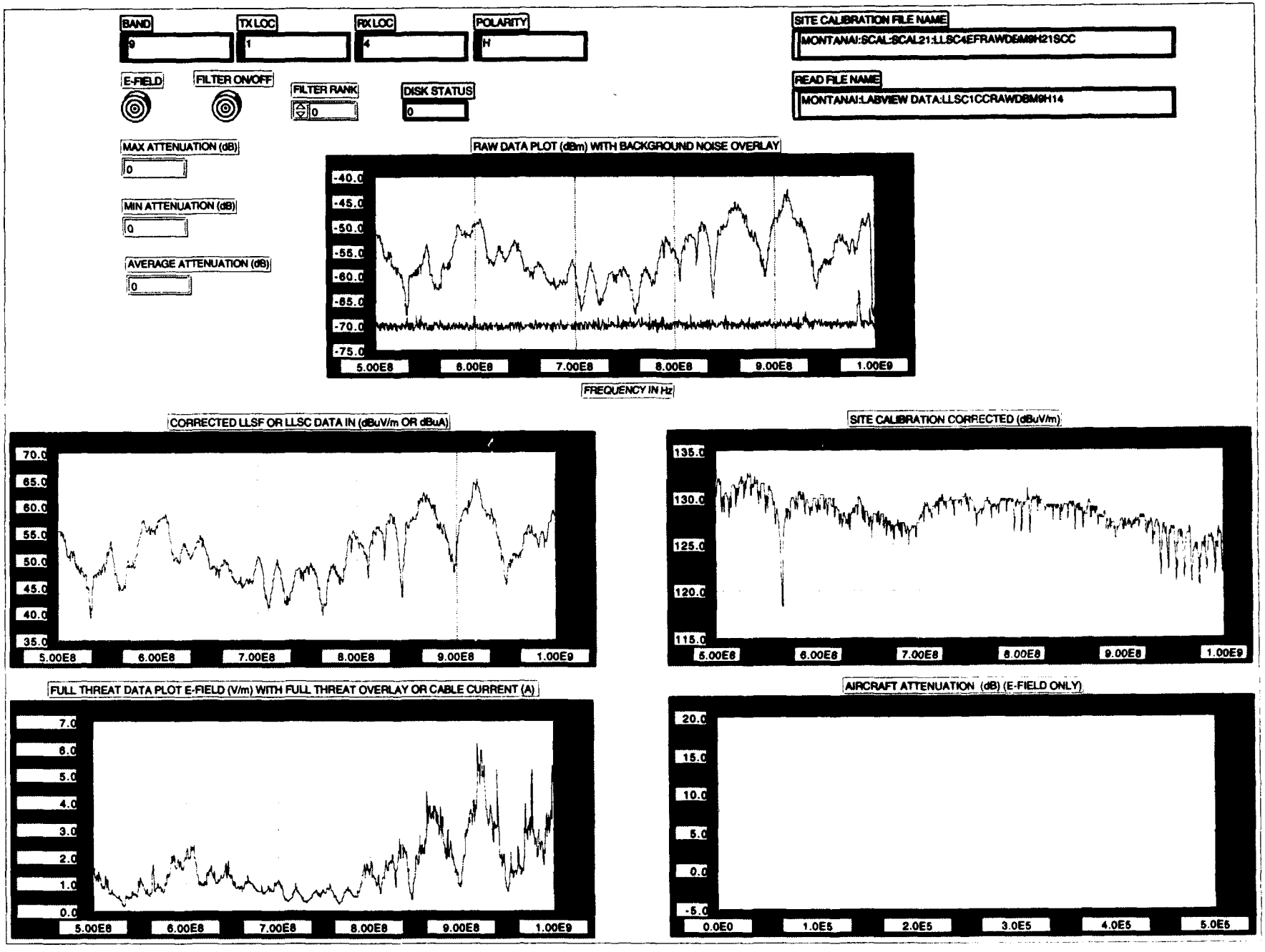

BAND
4
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM4H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
-90.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
50.0
45.0
40.0
35.0
30.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E6
2.0E6
3.0E6
4.0E6
5.0E6

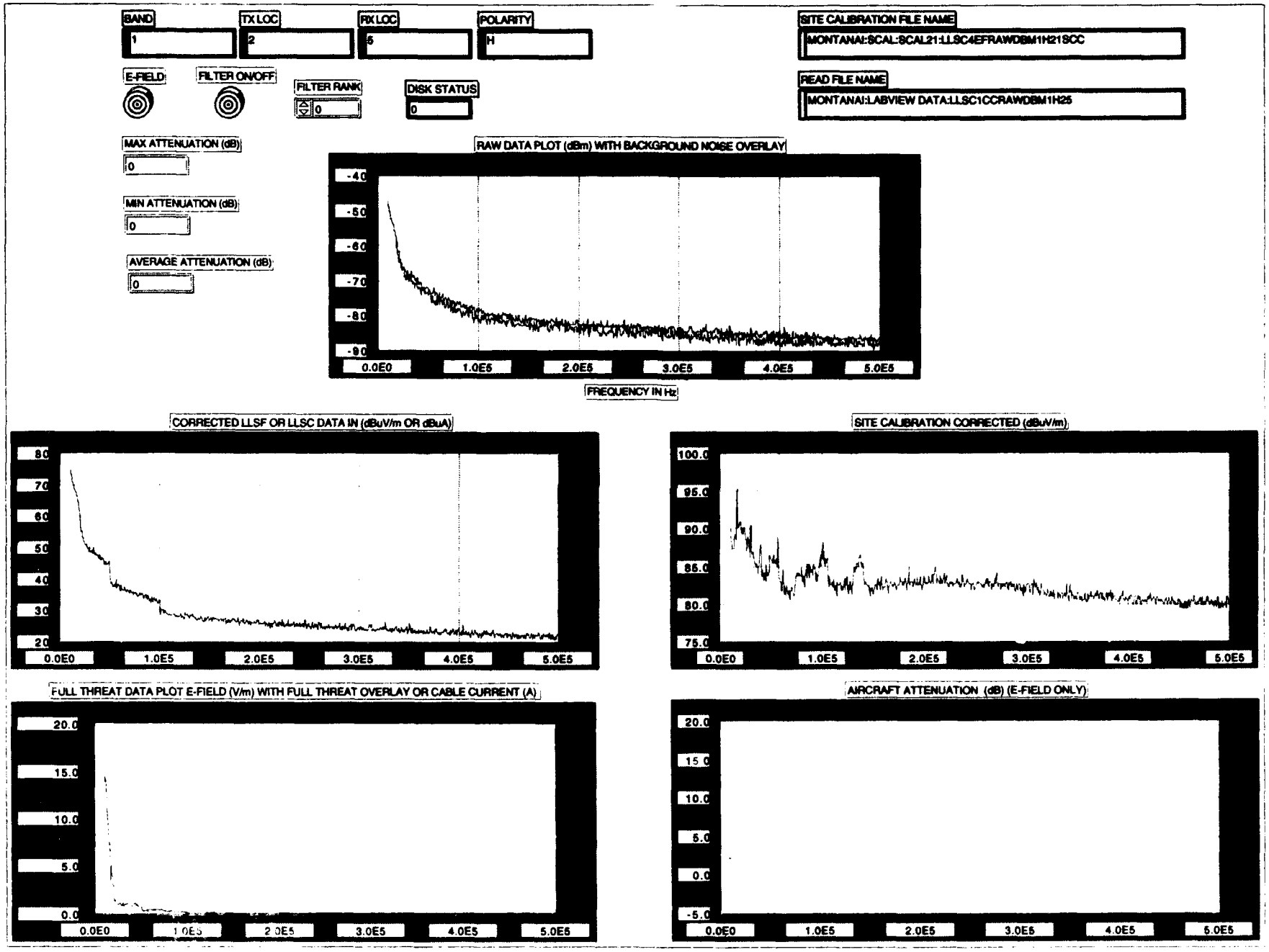

BAND
5
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM5H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM5H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
65.0
60.0
55.0
50.0
45.0
40.0
35.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.50
0.40
0.30
0.20
0.10
0.00
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

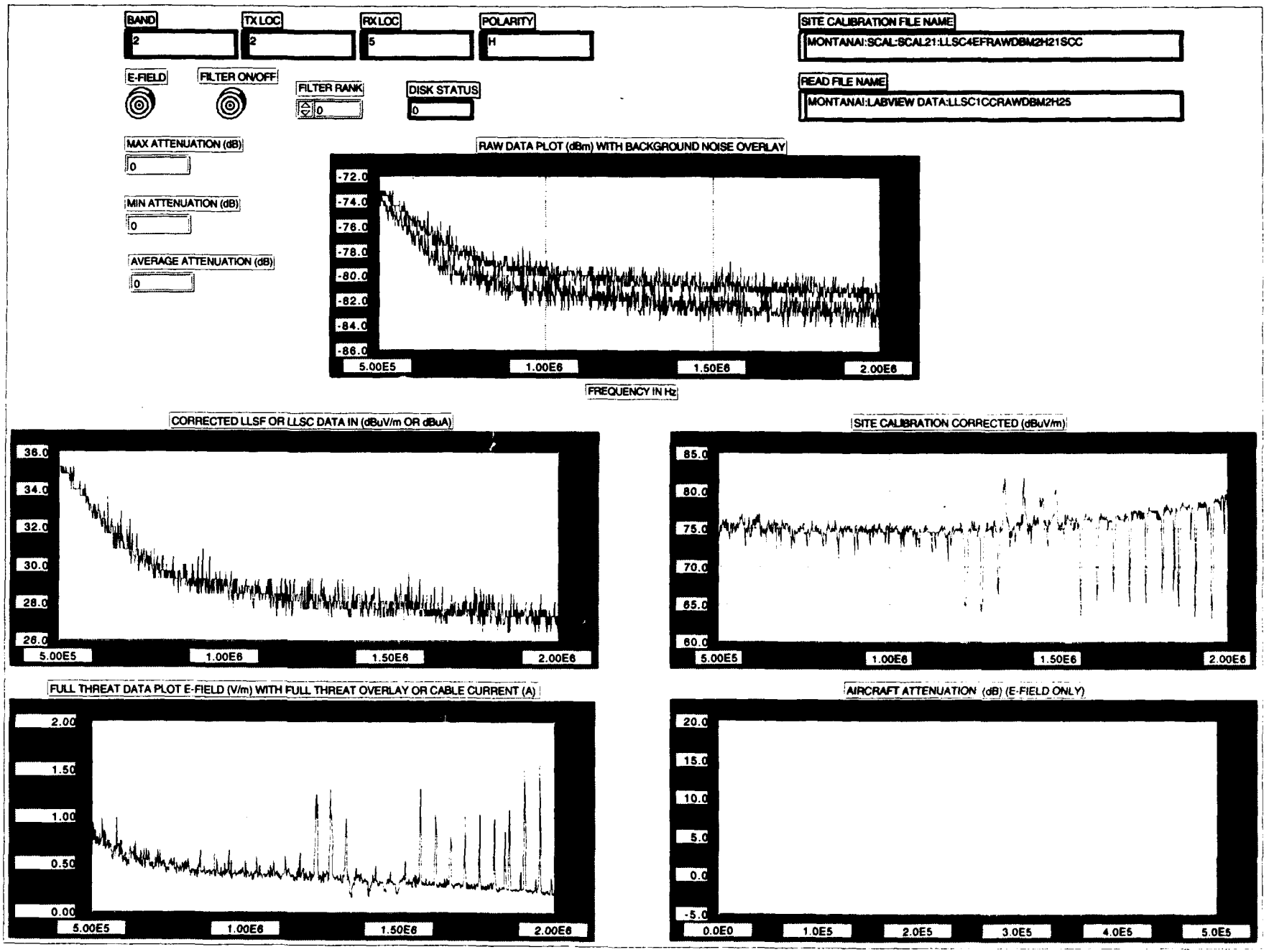

BAND
6
TX LOC
1
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL211LSC4EFRAWDBM6H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM6H15
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
60.0
55.0
50.0
45.0
40.0
35.0
30.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.120
0.100
0.080
0.060
0.040
0.020
0.000
3.00E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

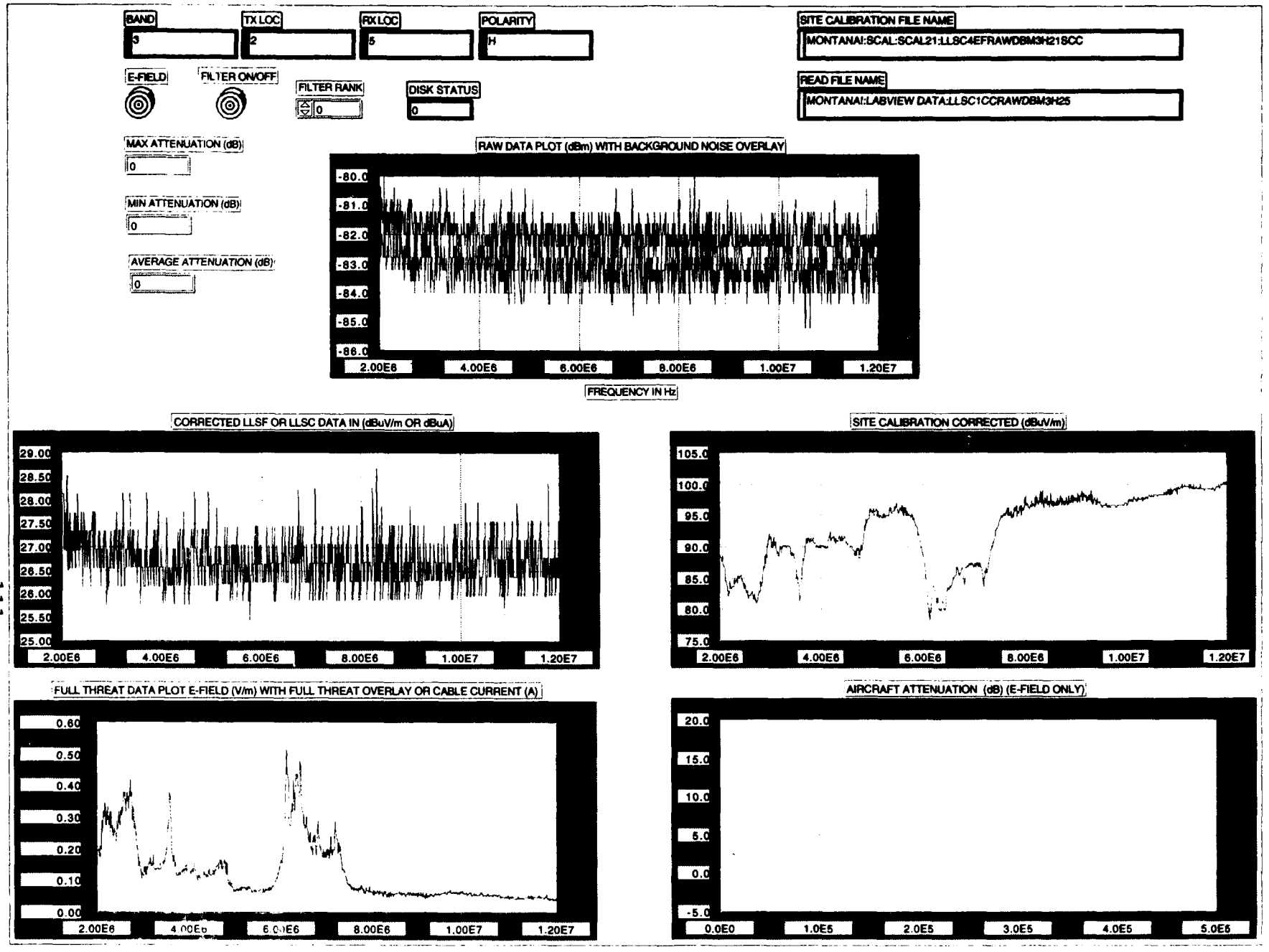

BAND
7
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-60.0
-65.0
-70.0
-75.0
-80.0
-85.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
44.0
42.0
40.0
38.0
36.0
34.0
32.0
30.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

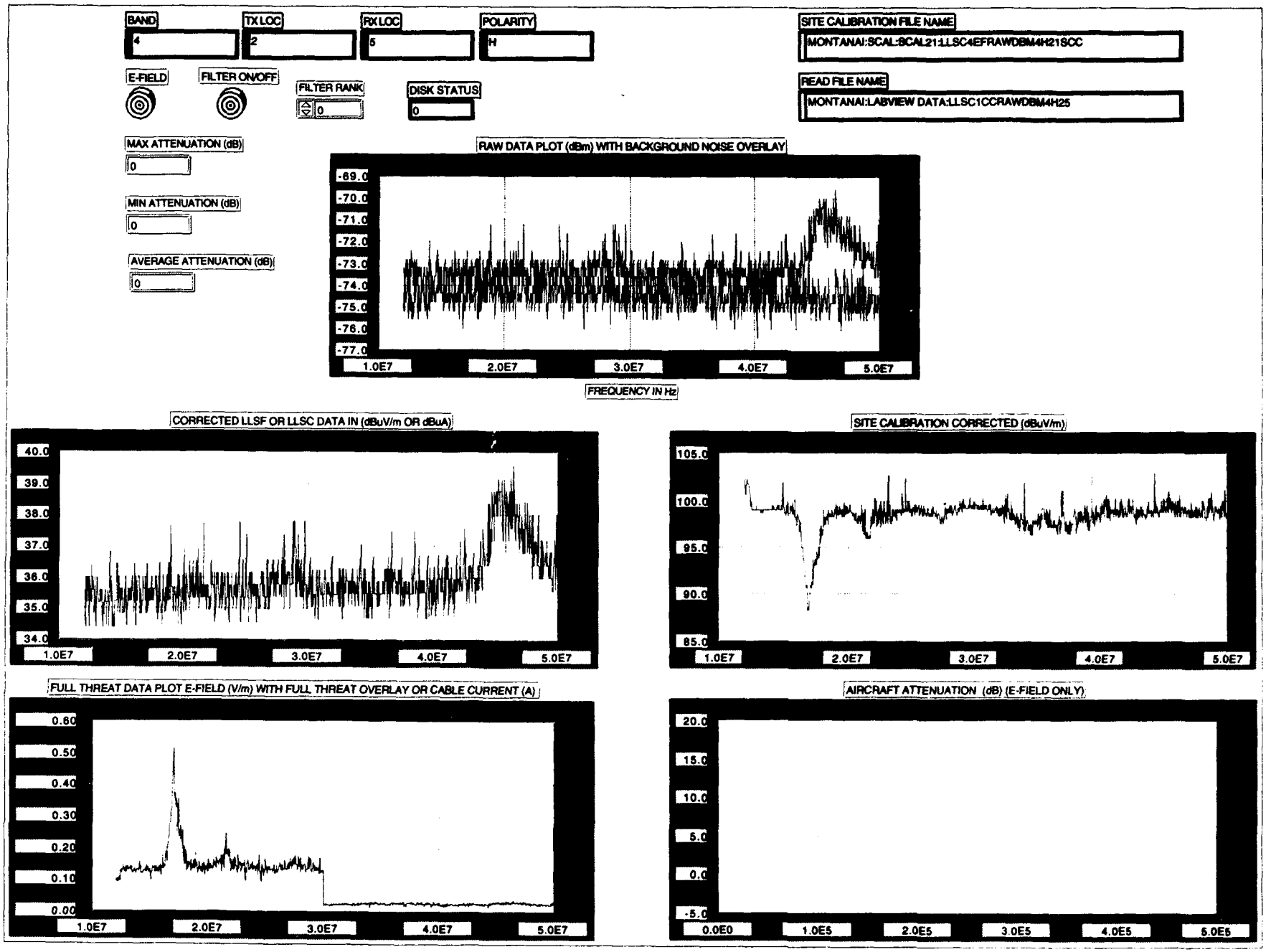

BAND
8
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBMSH21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBMSH14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
62.0
60.0
58.0
56.0
54.0
52.0
50.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
5.0
4.0
3.0
2.0
1.0
0.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

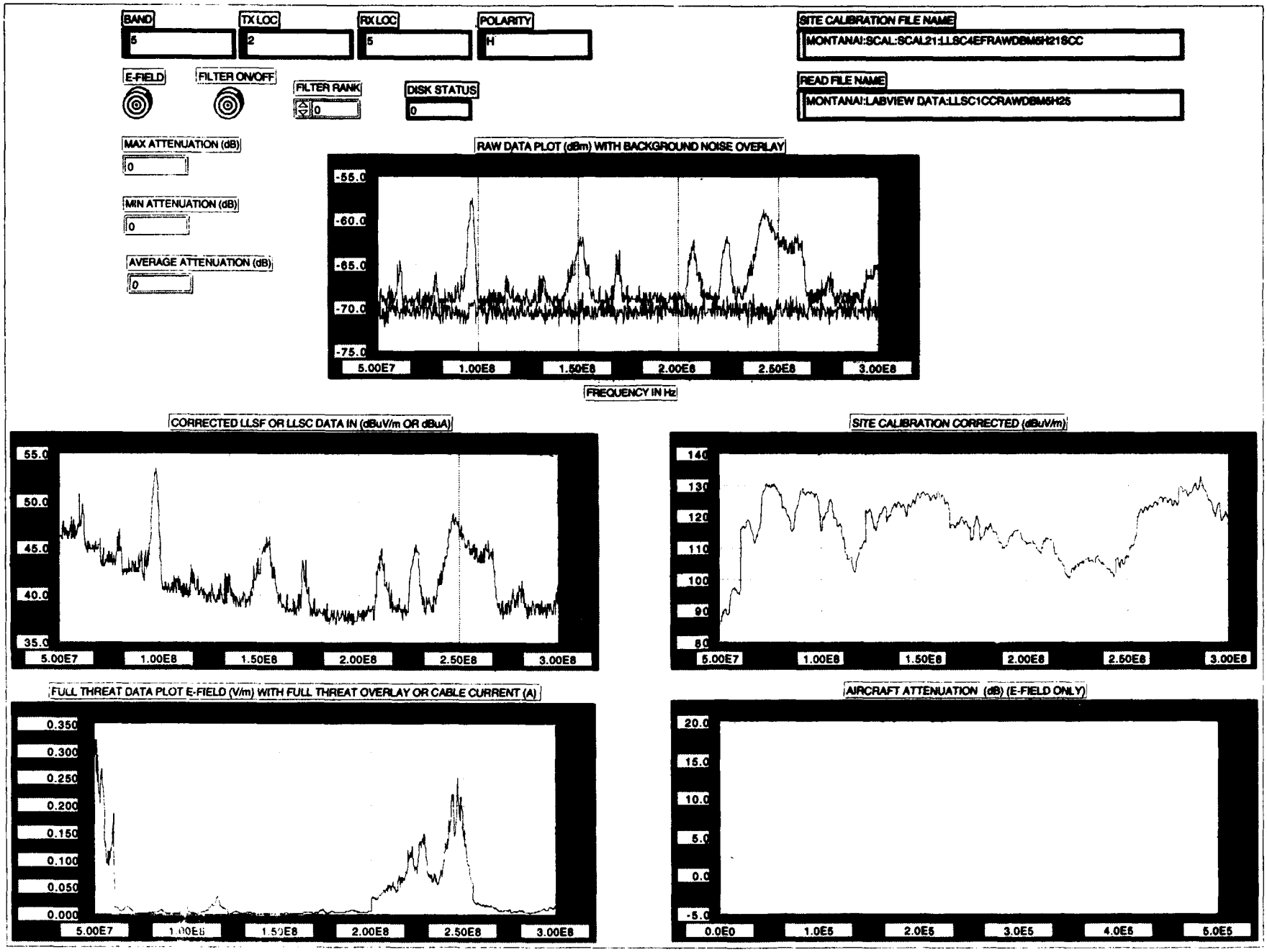

BAND
0
TX LOC
1
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM9H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM9H14
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
SITE CALIBRATION CORRECTED (dBuV/m)
135.0
130.0
125.0
120.0
115.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
5.00E8
6.00E8
7.00E8
8.00E8
9.00E8
1.00E9
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

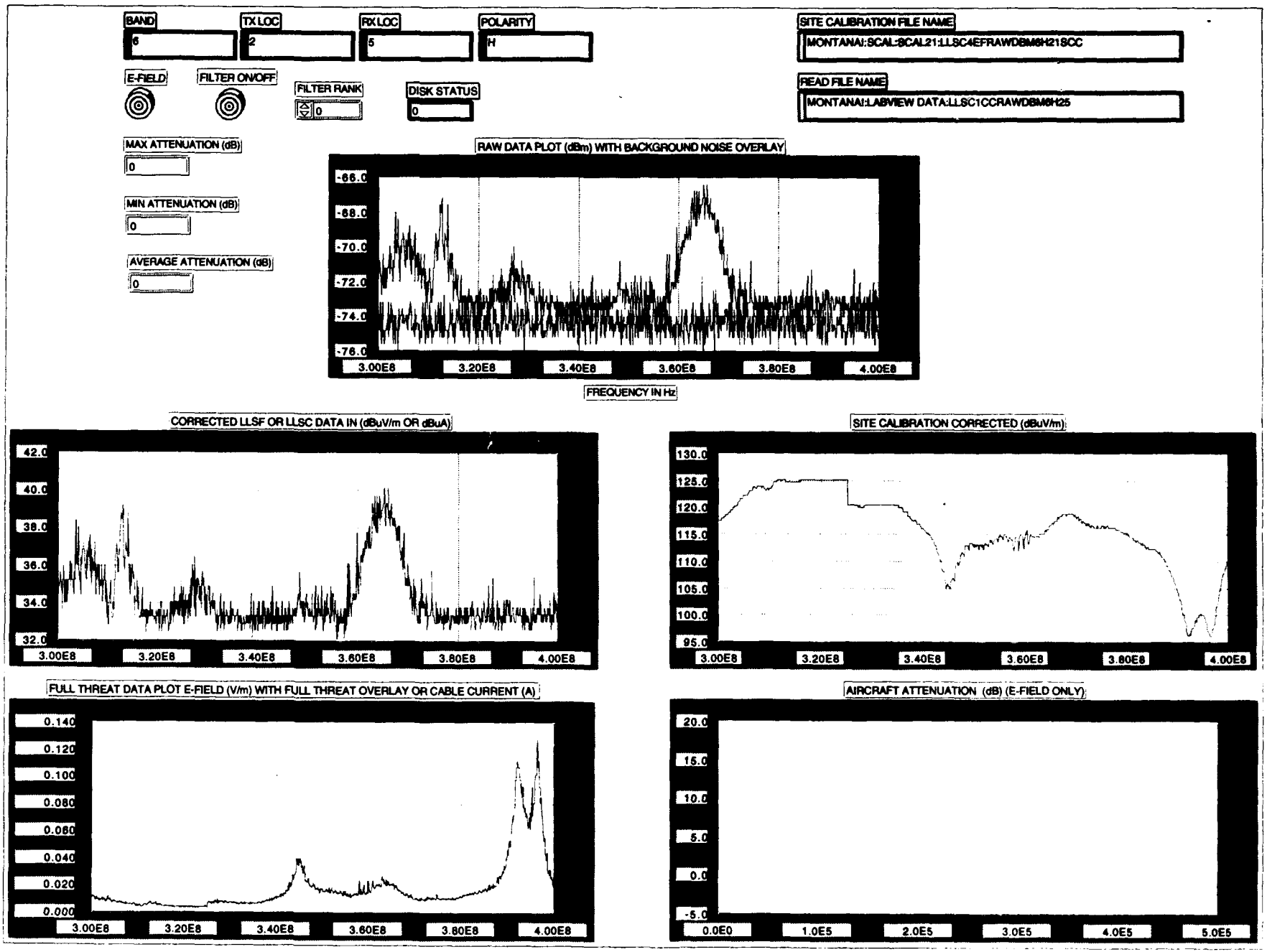

BAND
1
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM1H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM1H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-40
-50
-60
-70
-80
-90
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
80
70
60
50
40
30
20
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
SITE CALIBRATION CORRECTED (dBuV/m)
100.0
95.0
90.0
85.0
80.0
75.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
20.0
15.0
10.0
5.0
0.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

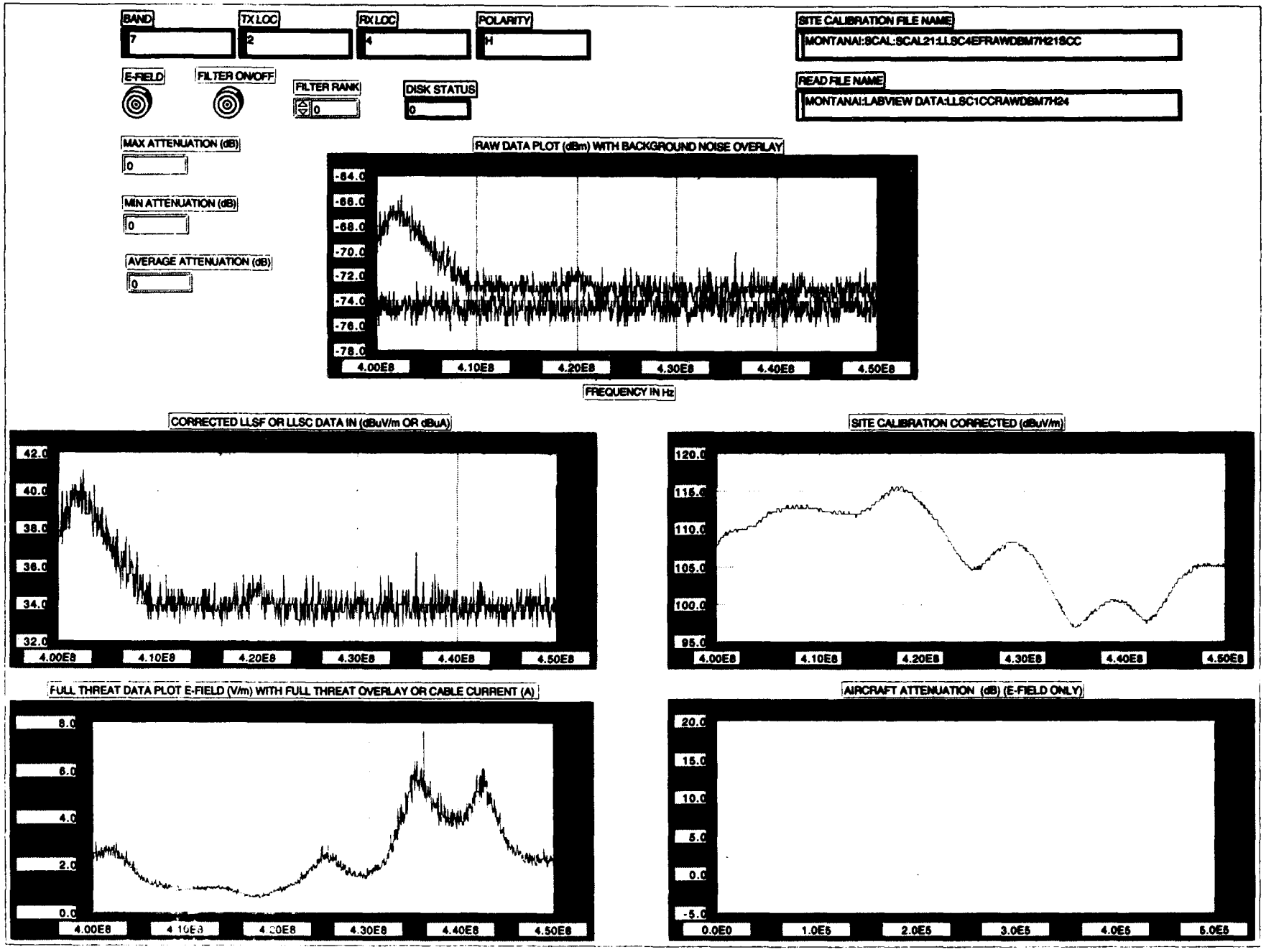

BAND
2
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM2H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM2H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-72.0
-74.0
-76.0
-78.0
-80.0
-82.0
-84.0
-86.0
5.00E5
1.00E6
1.50E6
2.00E6
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
36.0
34.0
32.0
30.0
28.0
26.0
5.00E5
1.00E6
1.50E6
2.00E6
SITE CALIBRATION CORRECTED (dBuV/m)
85.0
80.0
75.0
70.0
65.0
60.0
5.00E5
1.00E6
1.50E6
2.00E6
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
2.00
1.50
1.00
0.50
0.00
5.00E5
1.00E6
1.50E6
2.00E6
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

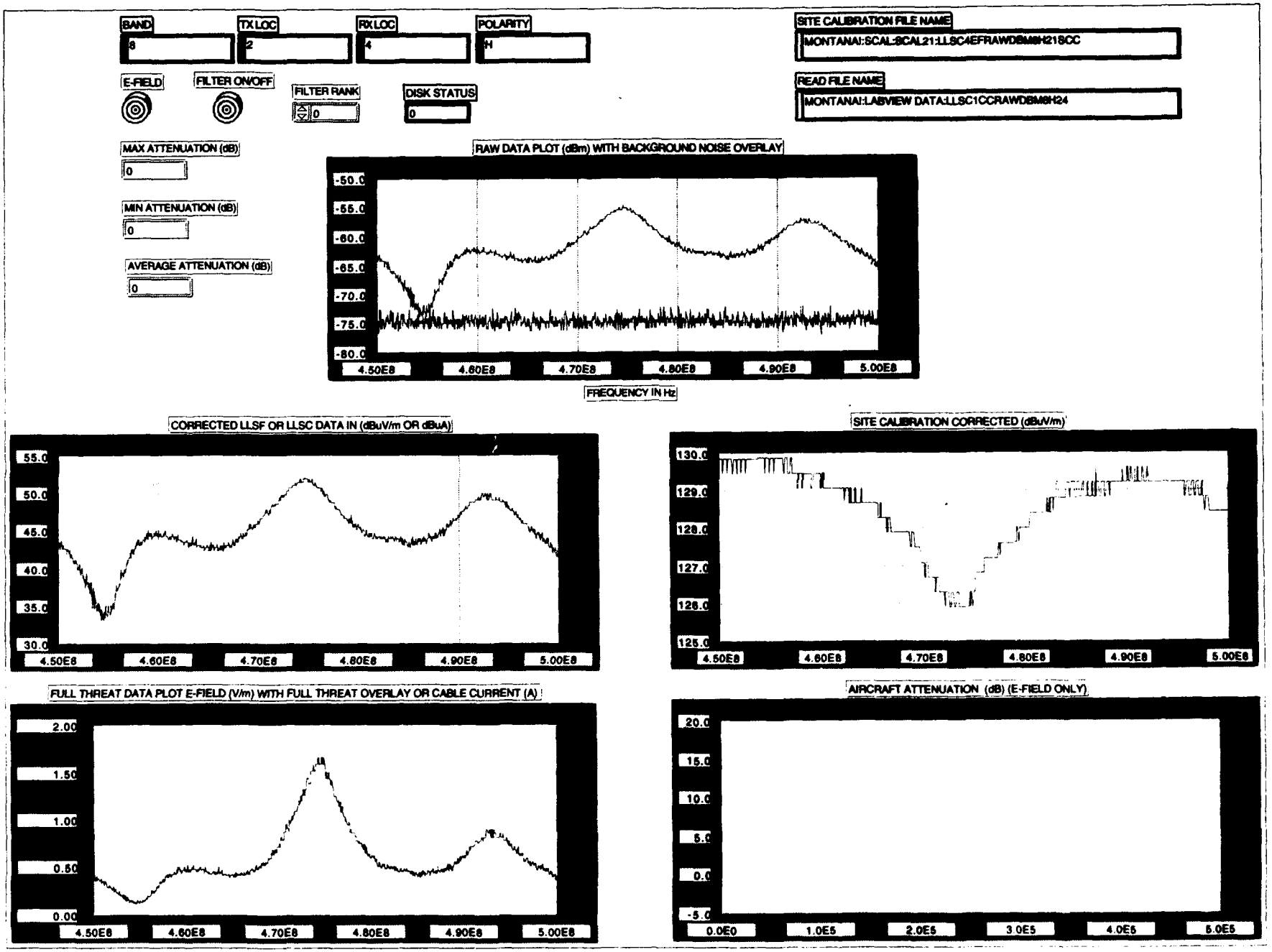

BAND
3
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA!:SCAL:SCAL21:LLSC4EFRAWDBM3H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA!:LABVIEW DATA:LLSC1CCRAWDBM3H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-80.0
-81.0
-82.0
-83.0
-84.0
-85.0
-86.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
29.00
28.50
28.00
27.50
27.00
26.50
26.00
25.50
25.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
80.0
75.0
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2.00E6
4.00E6
6.00E6
8.00E6
1.00E7
1.20E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
4
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANAI:SCAL:SCAL21:LLSC4EFRAWDBM4H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANAI:LABVIEW DATA:LLSC1CCRAWDBM4H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-69.0
-70.0
-71.0
-72.0
-73.0
-74.0
-75.0
-76.0
-77.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
40.0
39.0
38.0
37.0
36.0
35.0
34.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
SITE CALIBRATION CORRECTED (dBuV/m)
105.0
100.0
95.0
90.0
85.0
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1.0E7
2.0E7
3.0E7
4.0E7
5.0E7
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
5
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM5H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM5H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-55.0
-60.0
-65.0
-70.0
-75.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
55.0
50.0
45.0
40.0
35.0
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
140
130
120
110
100
90
80
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
5.00E7
1.00E8
1.50E8
2.00E8
2.50E8
3.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
6
TX LOC
2
RX LOC
5
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM6H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM6H25
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
42.0
40.0
38.0
36.0
34.0
32.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
125.0
120.0
115.0
110.0
105.0
100.0
95.0
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
3.00E8
3.20E8
3.40E8
3.60E8
3.80E8
4.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
7
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA:SCAL:SCAL21:LLSC4EFRAWDBM7H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA:LABVIEW DATA:LLSC1CCRAWDBM7H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-64.0
-66.0
-68.0
-70.0
-72.0
-74.0
-76.0
-78.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
42.0
40.0
38.0
36.0
34.0
32.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
SITE CALIBRATION CORRECTED (dBuV/m)
120.0
115.0
110.0
105.0
100.0
95.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
8.0
6.0
4.0
2.0
0.0
4.00E8
4.10E8
4.20E8
4.30E8
4.40E8
4.50E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5


BAND
8
TX LOC
2
RX LOC
4
POLARITY
H
SITE CALIBRATION FILE NAME
MONTANA1:SCAL:SCAL21:LLSC4EFRAWDBM8H21SCC
E-FIELD
FILTER ON/OFF
FILTER RANK
0
DISK STATUS
0
READ FILE NAME
MONTANA1:LABVIEW DATA:LLSC1CCRAWDBM8H24
MAX ATTENUATION (dB)
0
MIN ATTENUATION (dB)
0
AVERAGE ATTENUATION (dB)
0
RAW DATA PLOT (dBm) WITH BACKGROUND NOISE OVERLAY
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FREQUENCY IN Hz
CORRECTED LLSF OR LLSC DATA IN (dBuV/m OR dBuA)
55.0
50.0
45.0
40.0
35.0
30.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
SITE CALIBRATION CORRECTED (dBuV/m)
130.0
129.0
128.0
127.0
126.0
125.0
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
FULL THREAT DATA PLOT E-FIELD (V/m) WITH FULL THREAT OVERLAY OR CABLE CURRENT (A)
2.00
1.50
1.00
0.50
0.00
4.50E8
4.60E8
4.70E8
4.80E8
4.90E8
5.00E8
AIRCRAFT ATTENUATION (dB) (E-FIELD ONLY)
20.0
15.0
10.0
5.0
0.0
-5.0
0.0E0
1.0E5
2.0E5
3.0E5
4.0E5
5.0E5

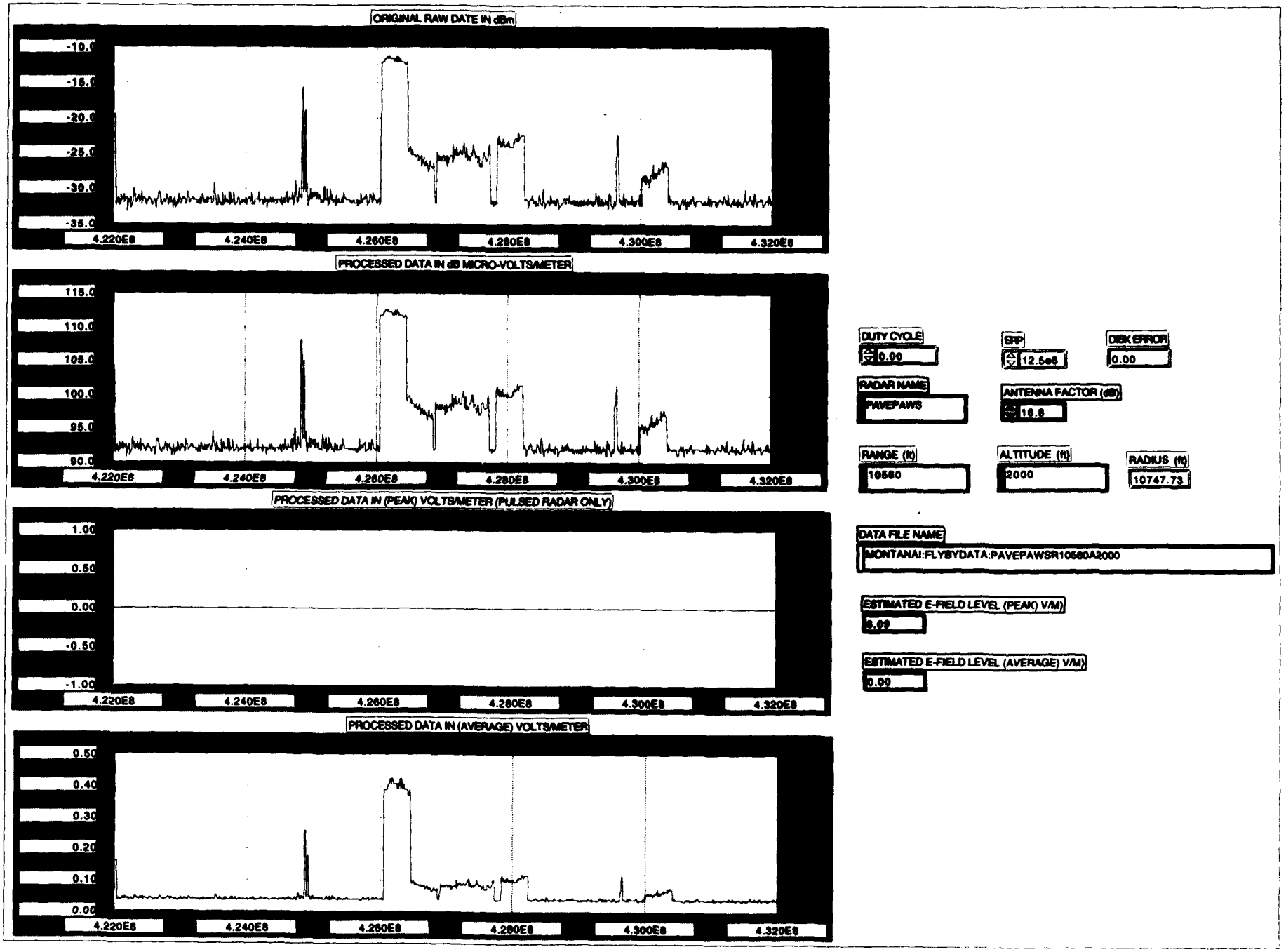
SECTION 3

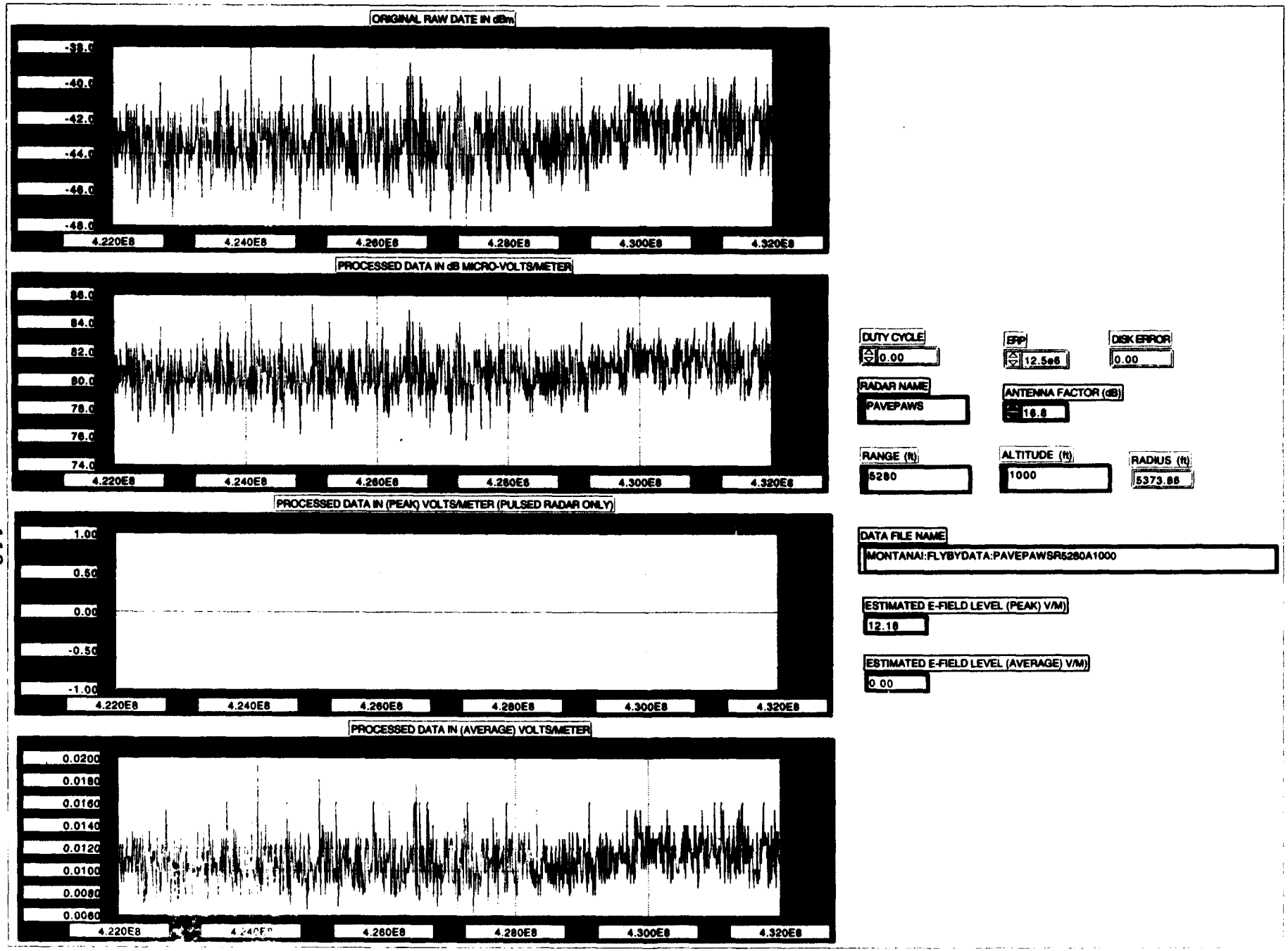
FLIGHT TEST DATA PLOT DESCRIPTION

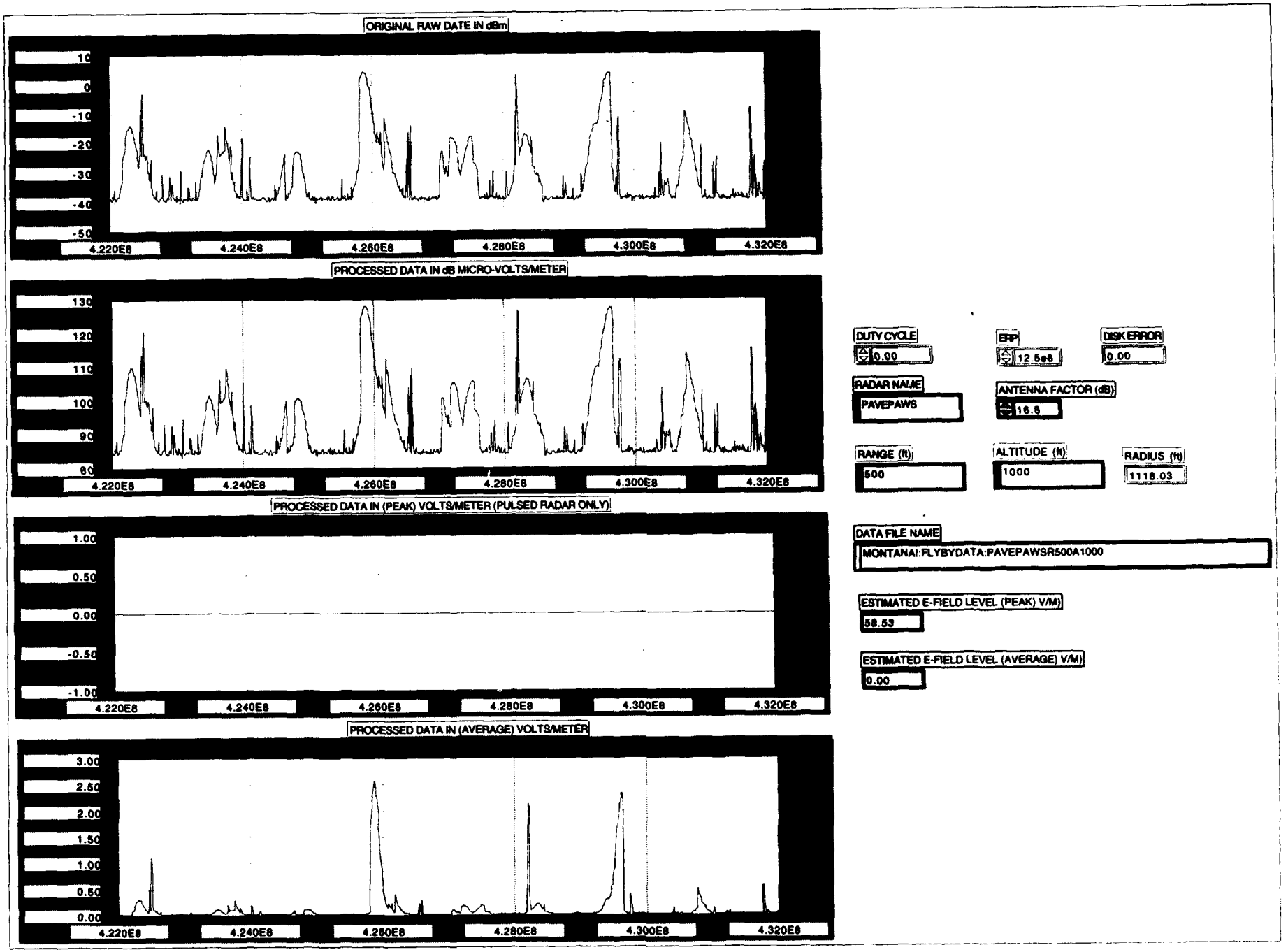
The flight test data plots (sample on the following page) each contain the following information:

- Source radar/transmitter duty cycle (DUTY CYCLE)
- Source ERP (ERP)
- Name of the source transmitter (RADAR NAME)
- Receive antenna factor for source frequency range (ANTENNA FACTOR)
- Approximate range from the transmitter (RANGE)
- S-76 altitude during test (ALTITUDE)
- Approximate radius from the transmitter (RADIUS)
- File name of the stored data (DATA FILE NAME)
- Calculated expected peak E-Field level in V/m (ESTIMATED E-FIELD LEVEL (PEAK) V/m)
- Calculated expected average E-Field level for, **pulsed transmitters only,** in V/m.
- Original flight test Data Plot in dBm (ORIGINAL RAW DATA PLOT IN dBm)
- Corrected data plot in dBuV/m (PROCESSED DATA IN dB MICRO-VOLTS/METER)
- Original data converted to peak E-Field level data plot, **pulsed transmitters only,** in V/m (PROCESSED DATA IN (PEAK) VOLTS/METER)
- Original data converted to average E-Field level in V/m data plot (PROCESSED DATA IN (AVERAGE) VOLTS/METER)

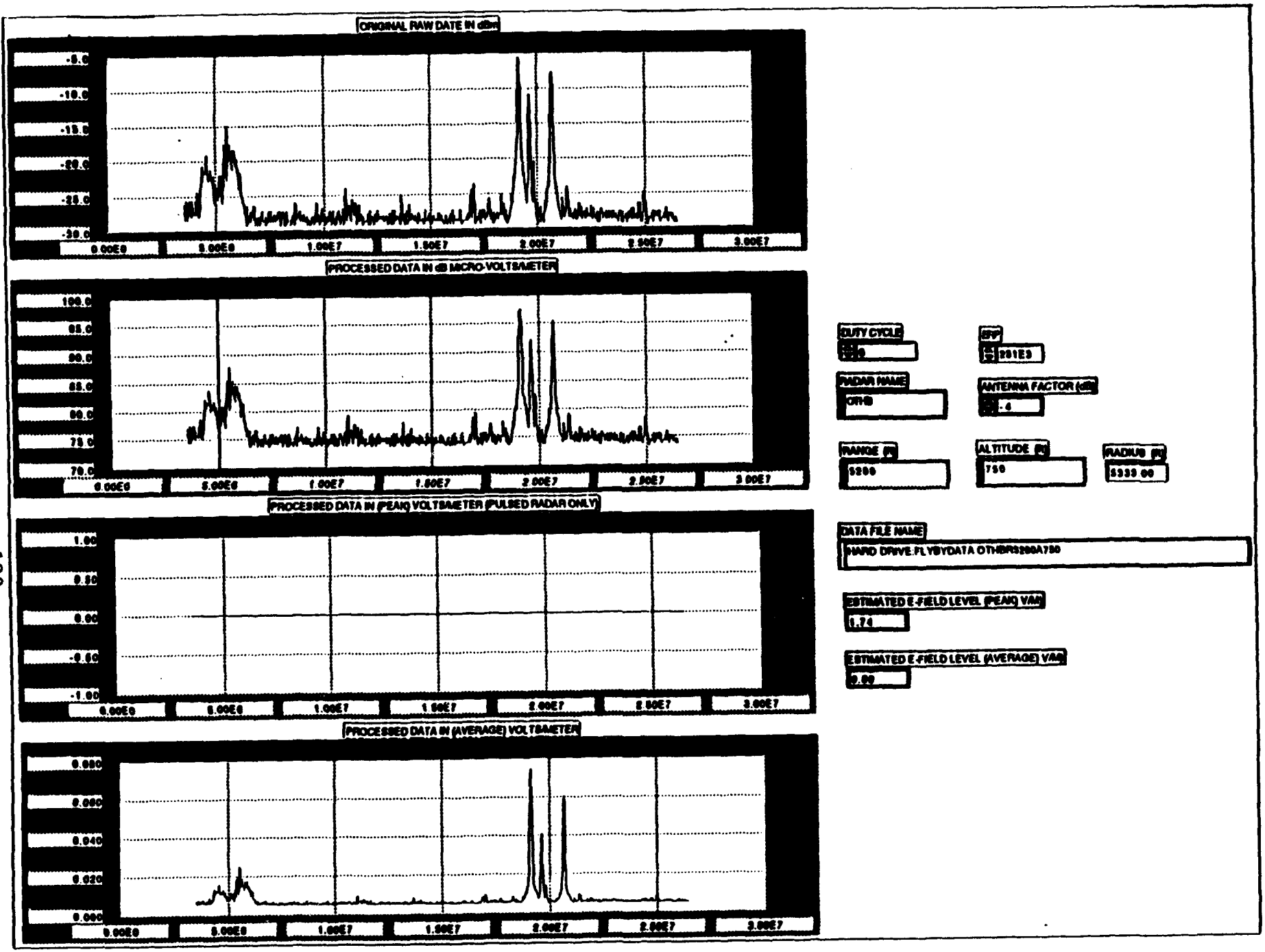
SECTION 3-1
PAVE PAWS DATA PLOTS

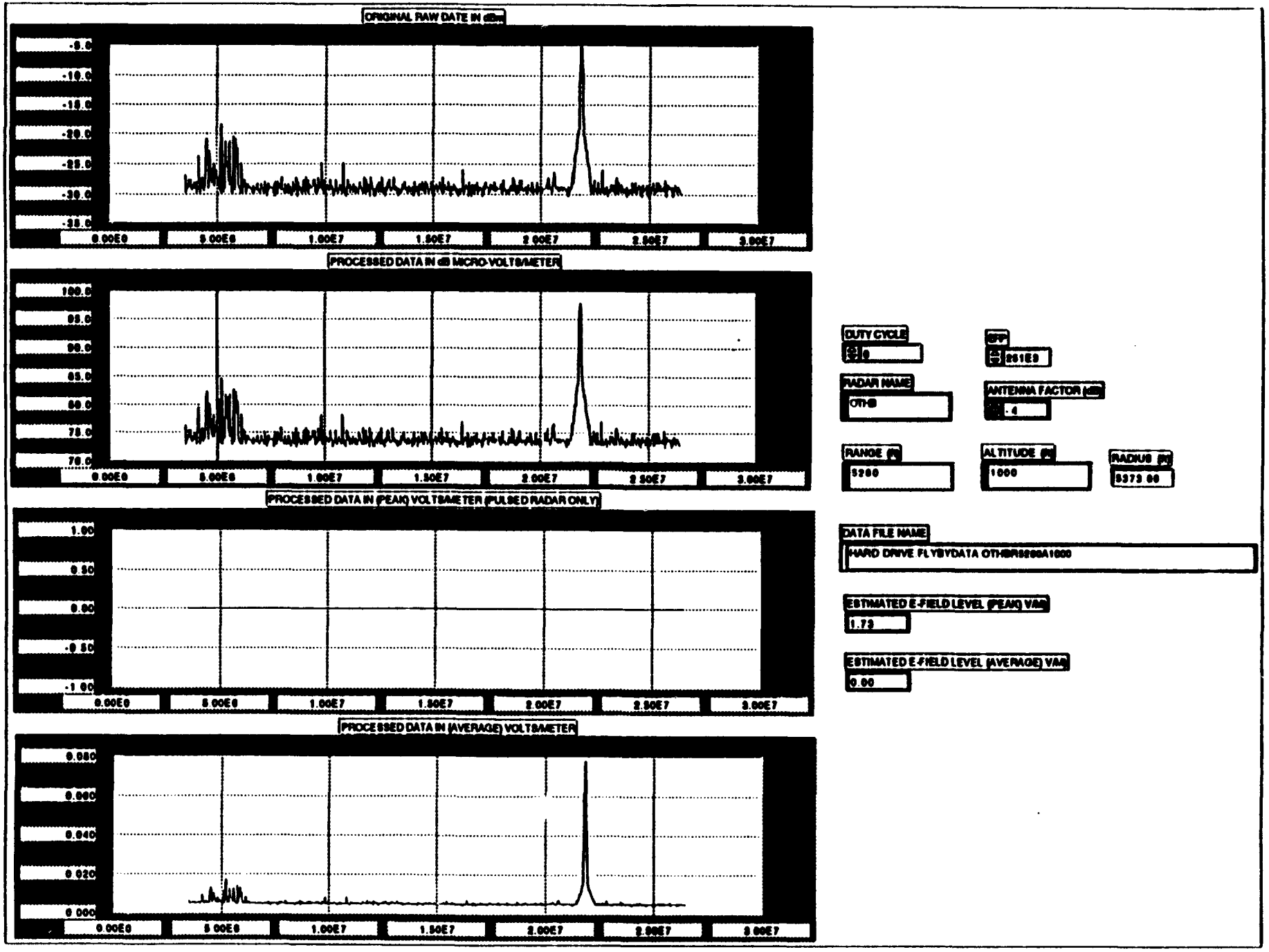

ORIGINAL RAW DATE IN dBm
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
115.0
110.0
105.0
100.0
95.0
90.0
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.50
0.40
0.30
0.20
0.10
0.00
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
DUTY CYCLE
0.00
ERP
12.5e6
DISK ERROR
0.00
RADAR NAME
PAVEPAWS
ANTENNA FACTOR (dB)
16.8
RANGE (ft)
10560
ALTITUDE (ft)
2000
RADIUS (ft)
10747.73
DATA FILE NAME
MONTANA:FLYBYDATA:PAVEPAWSR10560A2000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00

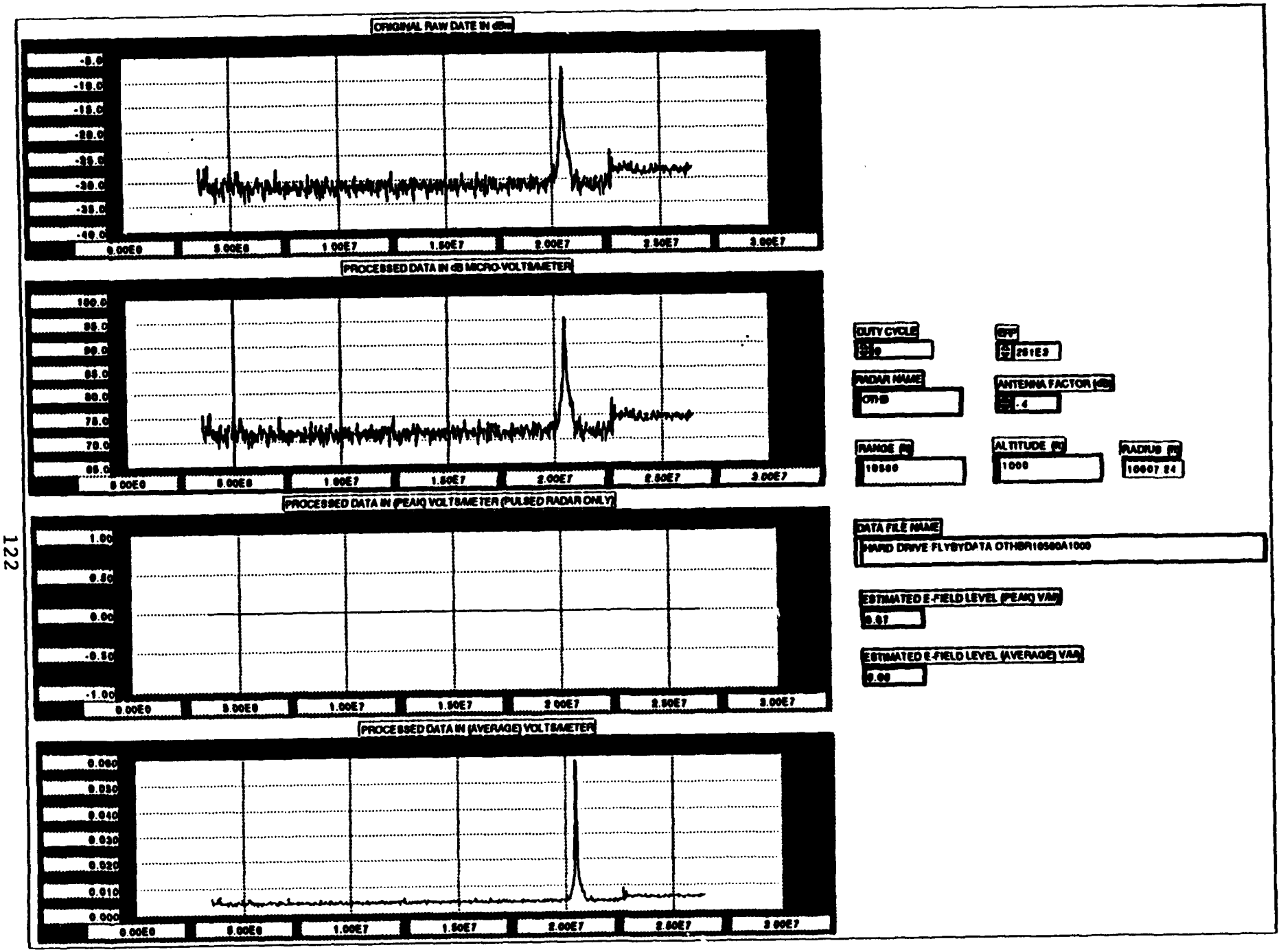

ORIGINAL RAW DATE IN dBm
-38.0
-40.0
-42.0
-44.0
-46.0
-48.0
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
86.0
84.0
82.0
80.0
78.0
76.0
74.0
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0200
0.0180
0.0160
0.0140
0.0120
0.0100
0.0080
0.0060
4.220E8
4.260E8
4.280E8
4.300E8
4.320E8
DUTY CYCLE
0.00
ERP
12.5e6
DISK ERROR
0.00
RADAR NAME
PAVEPAWS
ANTENNA FACTOR (dB)
16.8
RANGE (ft)
5280
ALTITUDE (ft)
1000
RADIUS (ft)
5373.86
DATA FILE NAME
MONTANA!:FLYBYDATA:PAVEPAWSR5280A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
12.18
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00

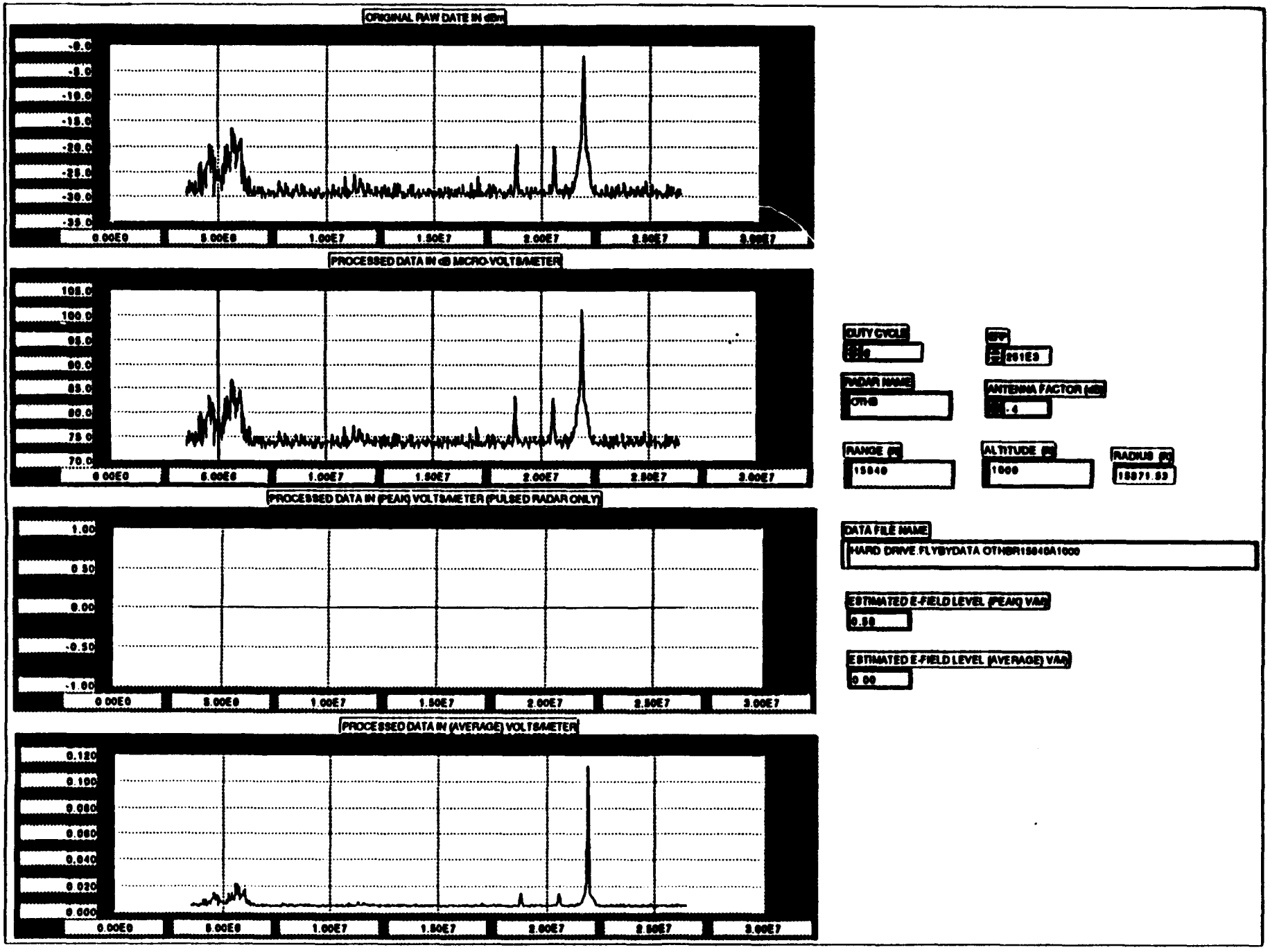

ORIGINAL RAW DATE IN dBm
10
0
-10
-20
-30
-40
-50
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
130
120
110
100
90
80
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
PROCESSED DATA IN (AVERAGE) VOLTS/METER
3.00
2.50
2.00
1.50
1.00
0.50
0.00
4.220E8
4.240E8
4.260E8
4.280E8
4.300E8
4.320E8
DUTY CYCLE
0.00
ERP
12.5e6
DISK ERROR
0.00
RADAR NAME
PAVEPAWS
ANTENNA FACTOR (dB)
16.8
RANGE (ft)
500
ALTITUDE (ft)
1000
RADIUS (ft)
1118.03
DATA FILE NAME
MONTANA:FLYBYDATA:PAVEPAWSR500A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
58.53
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00

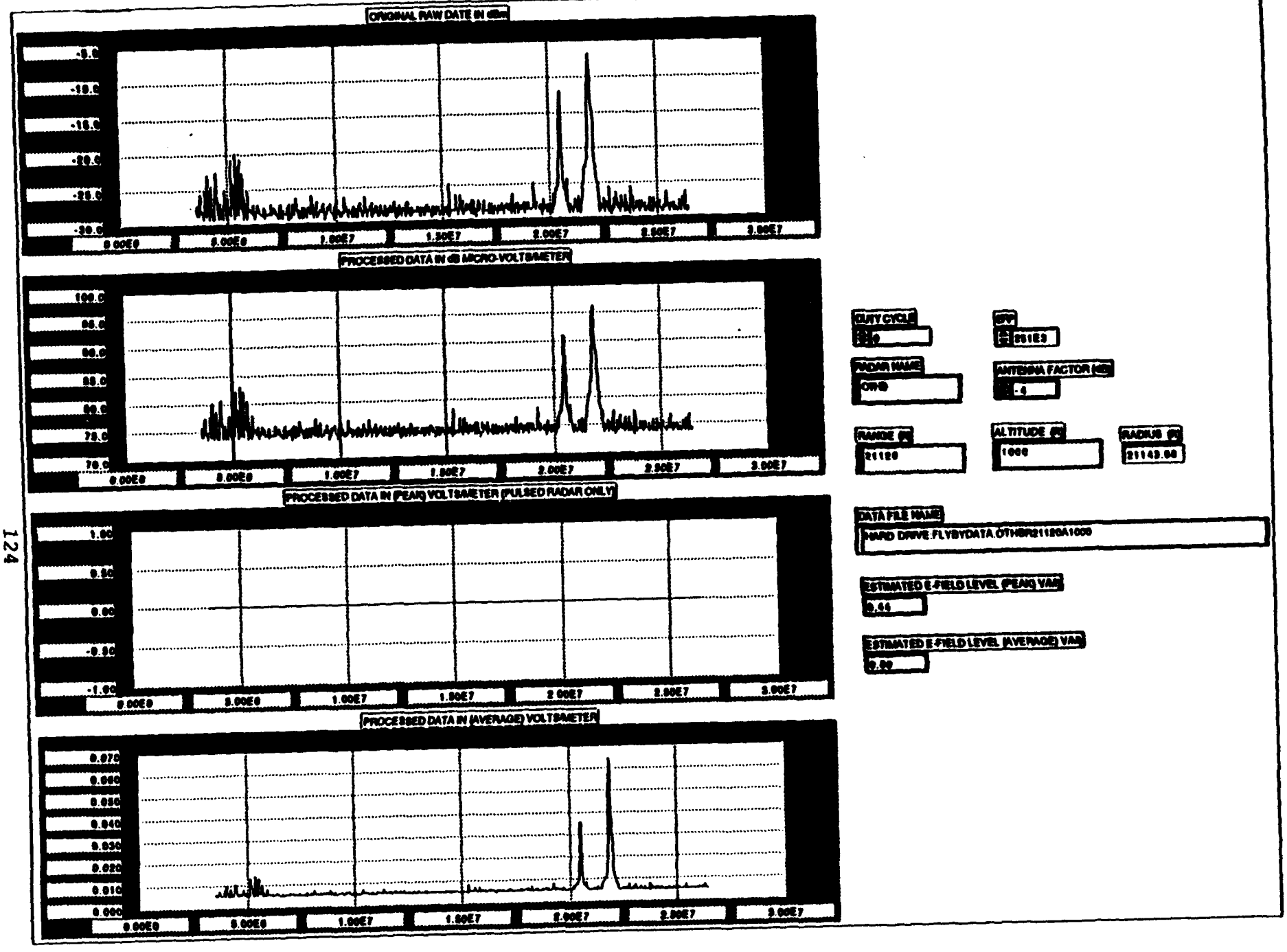
SECTION 3-2
OTHB PHASE I DATA PLOTS

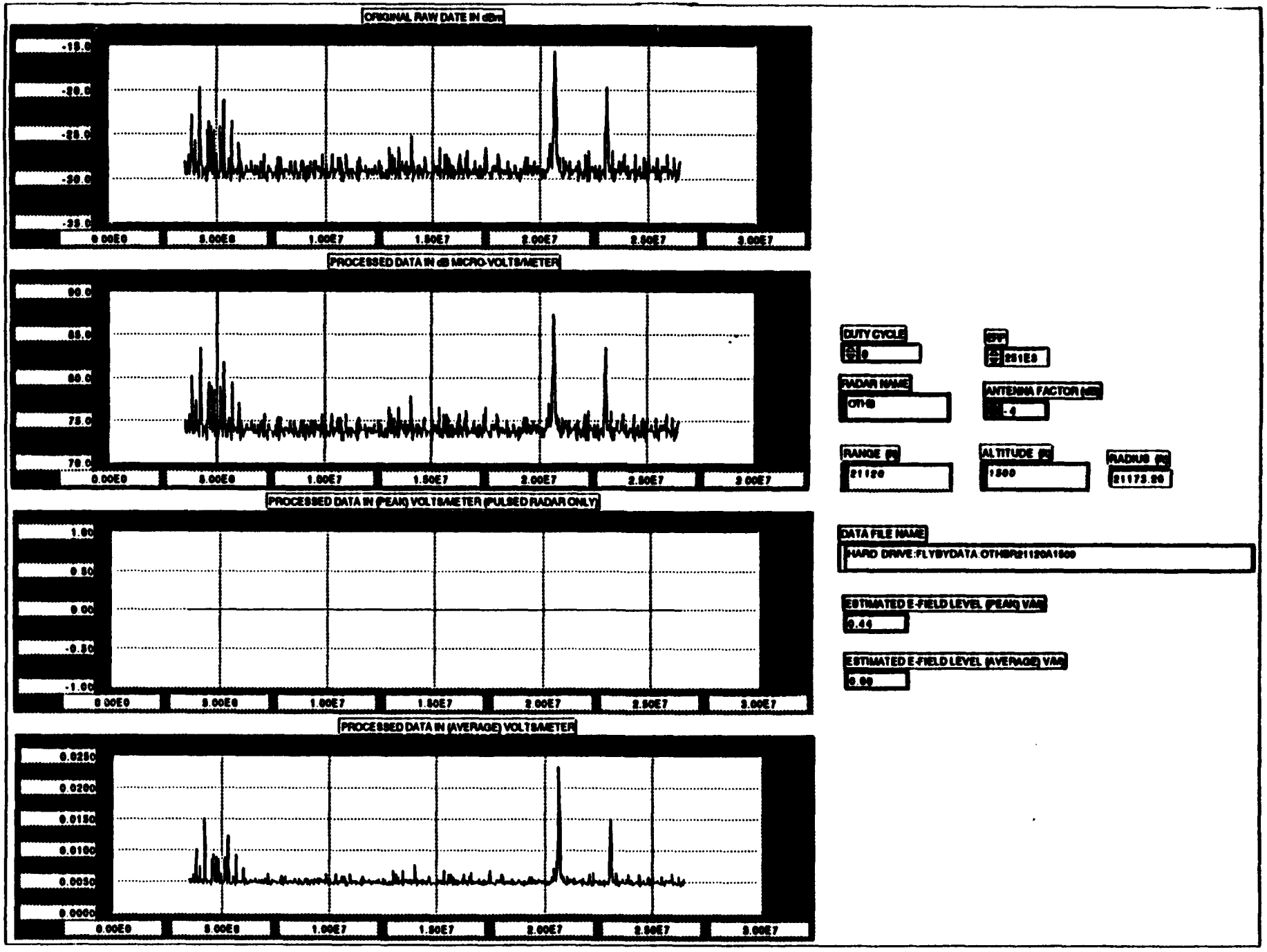

ORIGINAL RAW DATE IN dBm
-0.0
-10.0
-20.0
-30.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
100.0
90.0
80.0
70.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.00
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.060
0.040
0.020
0.000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
PRF
2.91E3
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
5200
ALTITUDE (ft)
750
RADIUS (ft)
5333.00
DATA FILE NAME
HARD DRIVE:FLYBYDATA OTHBR5200A750
ESTIMATED E-FIELD LEVEL (PEAK) V/M
1.74
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00

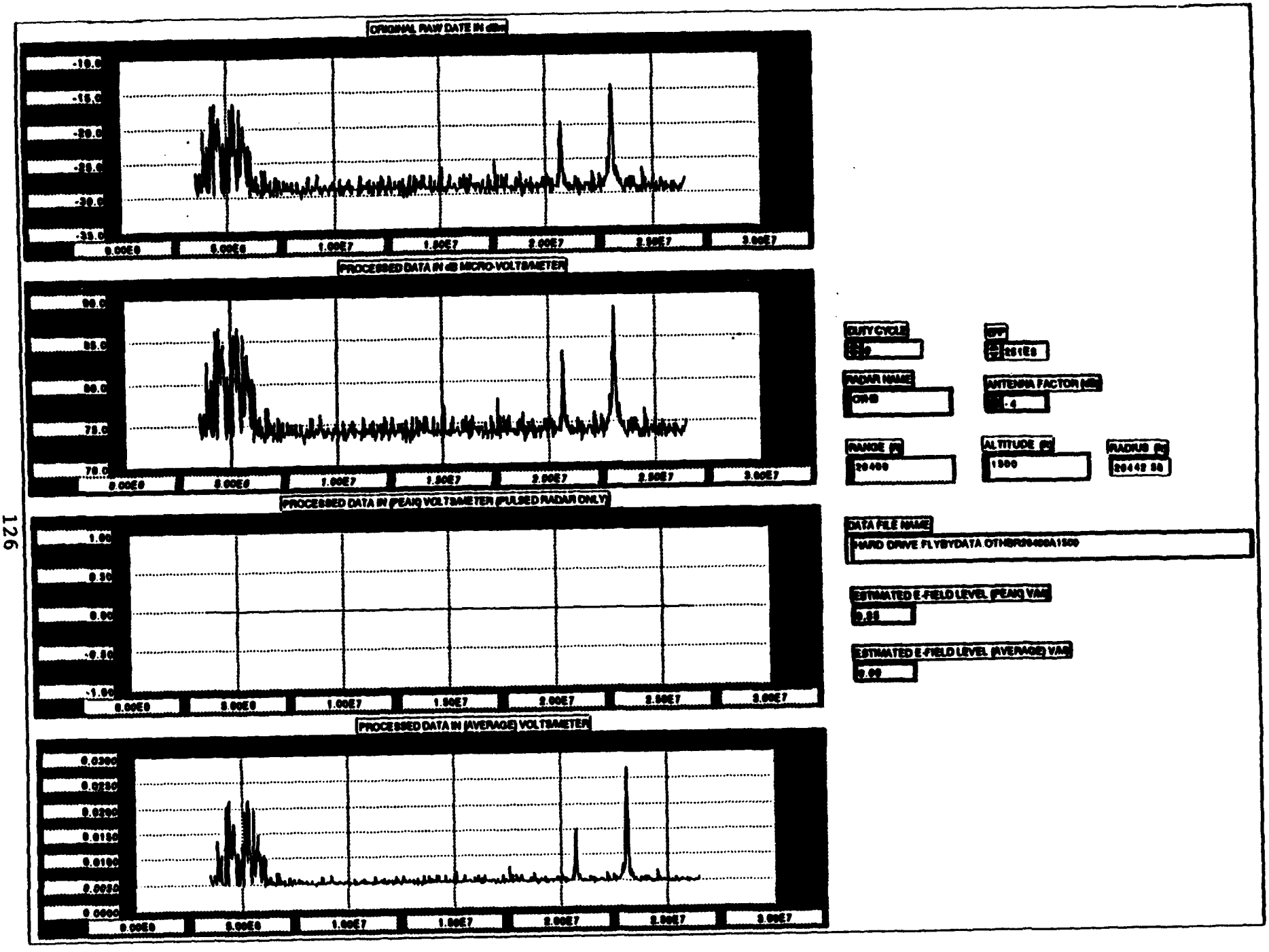

ORIGINAL RAW DATE IN dBm
-0.0
-10.0
-20.0
-30.0
-38.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
100.0
88.0
80.0
68.0
78.0
70.0
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.080
0.060
0.040
0.020
0.000
DUTY CYCLE
0
ERP
2.51E9
RADAR NAME
OTH-B
ANTENNA FACTOR (dB)
4
RANGE (ft)
5280
ALTITUDE (ft)
1000
RADIUS (ft)
5373.66
DATA FILE NAME
HARD DRIVE FLYBYDATA OTHBR5280A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
1.73
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00


ORIGINAL RAW DATE IN dBm
-0.0
-10.0
-18.0
-28.0
-38.0
-30.0
-38.0
-40.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
100.0
95.0
90.0
85.0
80.0
75.0
70.0
65.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.050
0.040
0.030
0.020
0.010
0.000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0.0
SFF
2.81E3
RADAR NAME
OTH
ANTENNA FACTOR (dB)
.4
RANGE (ft)
10560
ALTITUDE (ft)
1000
RADIUS (ft)
10607.24
DATA FILE NAME
HARD DRIVE FLYBYDATA OTHBR10560A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
0.07
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00

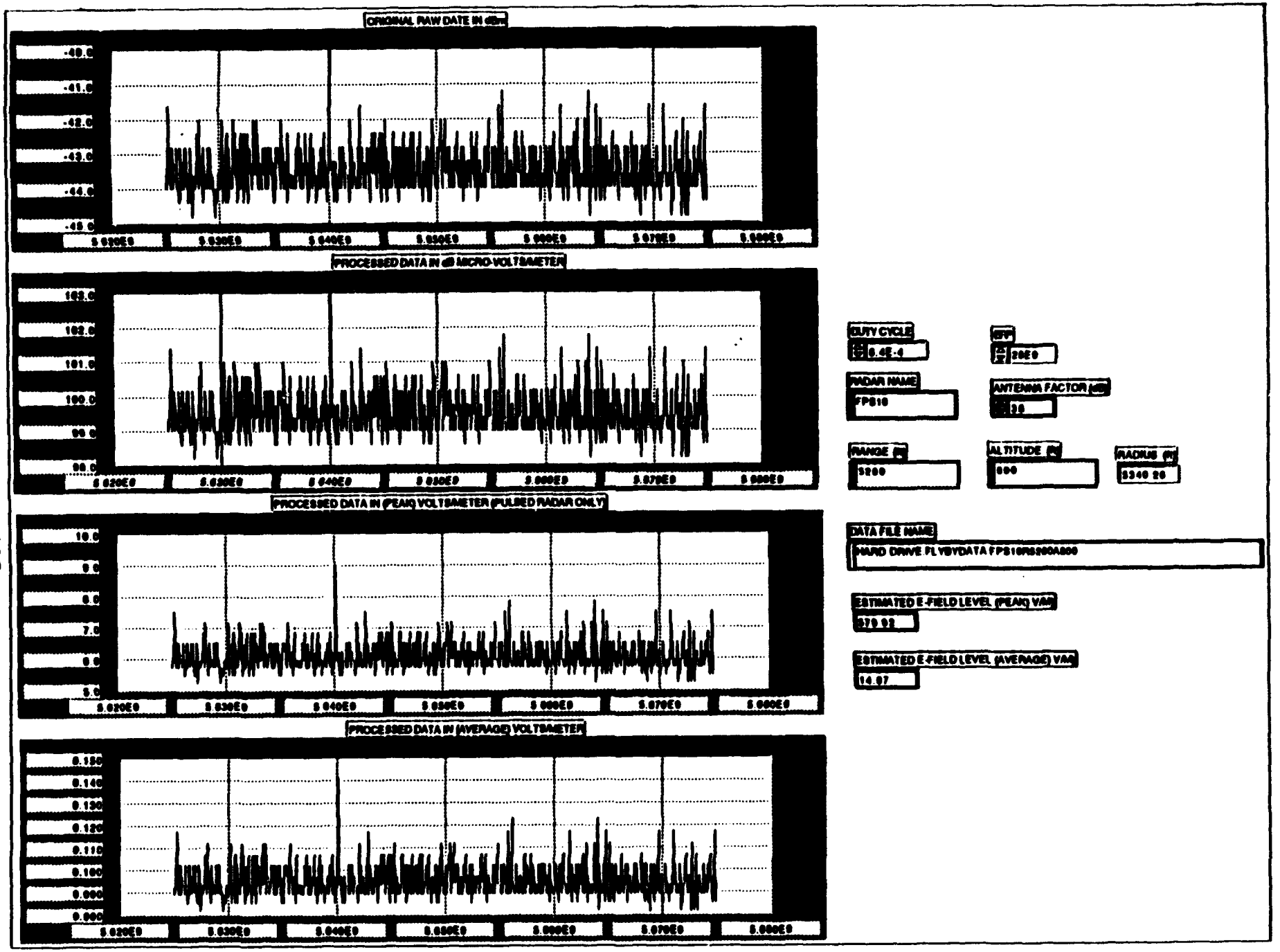

ORIGINAL RAW DATE IN dBm
-0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
105.0
100.0
95.0
90.0
85.0
80.0
75.0
70.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.120
0.100
0.080
0.060
0.040
0.020
0.000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
PRF
RADAR NAME
OTHB
ANTENNA FACTOR (dB)
RANGE (ft)
15840
ALTITUDE (ft)
1000
RADIUS (ft)
15871.93
DATA FILE NAME
HARD DRIVE:FLYBYDATA:OTHBR15840A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

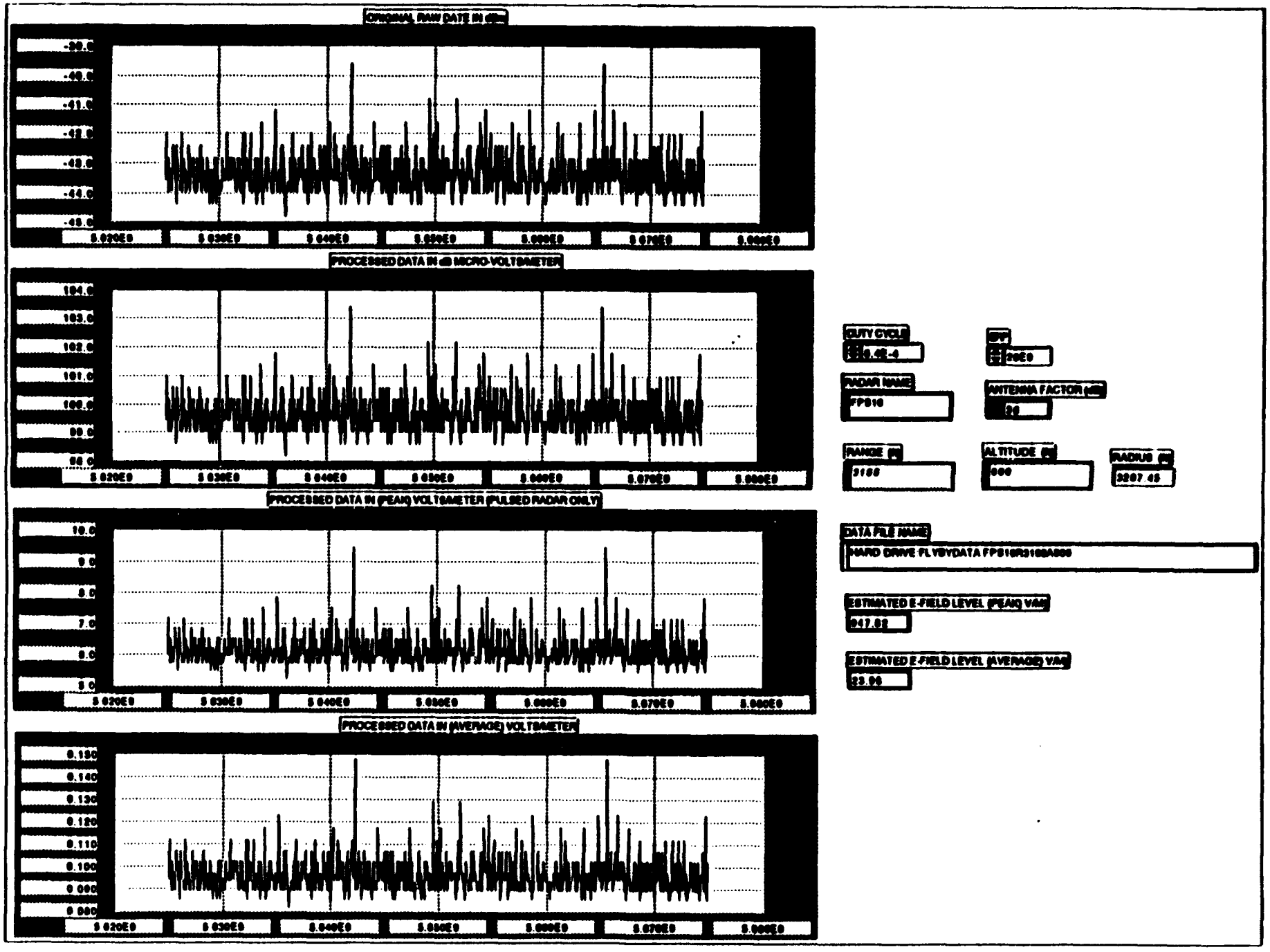

ORIGINAL RAW DATE IN dBm
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
100.0
95.0
90.0
85.0
80.0
75.0
70.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0.0
PRF
2.61E3
RADAR NAME
ORBI
ANTENNA FACTOR (dB)
-4
RANGE (ft)
21120
ALTITUDE (ft)
1000
RADIUS (ft)
21149.08
DATA FILE NAME
HARD DRIVE:FLYBYDATA:OTHBR21120A1000
ESTIMATED E-FIELD LEVEL (PEAK) V/M
0.44
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.09

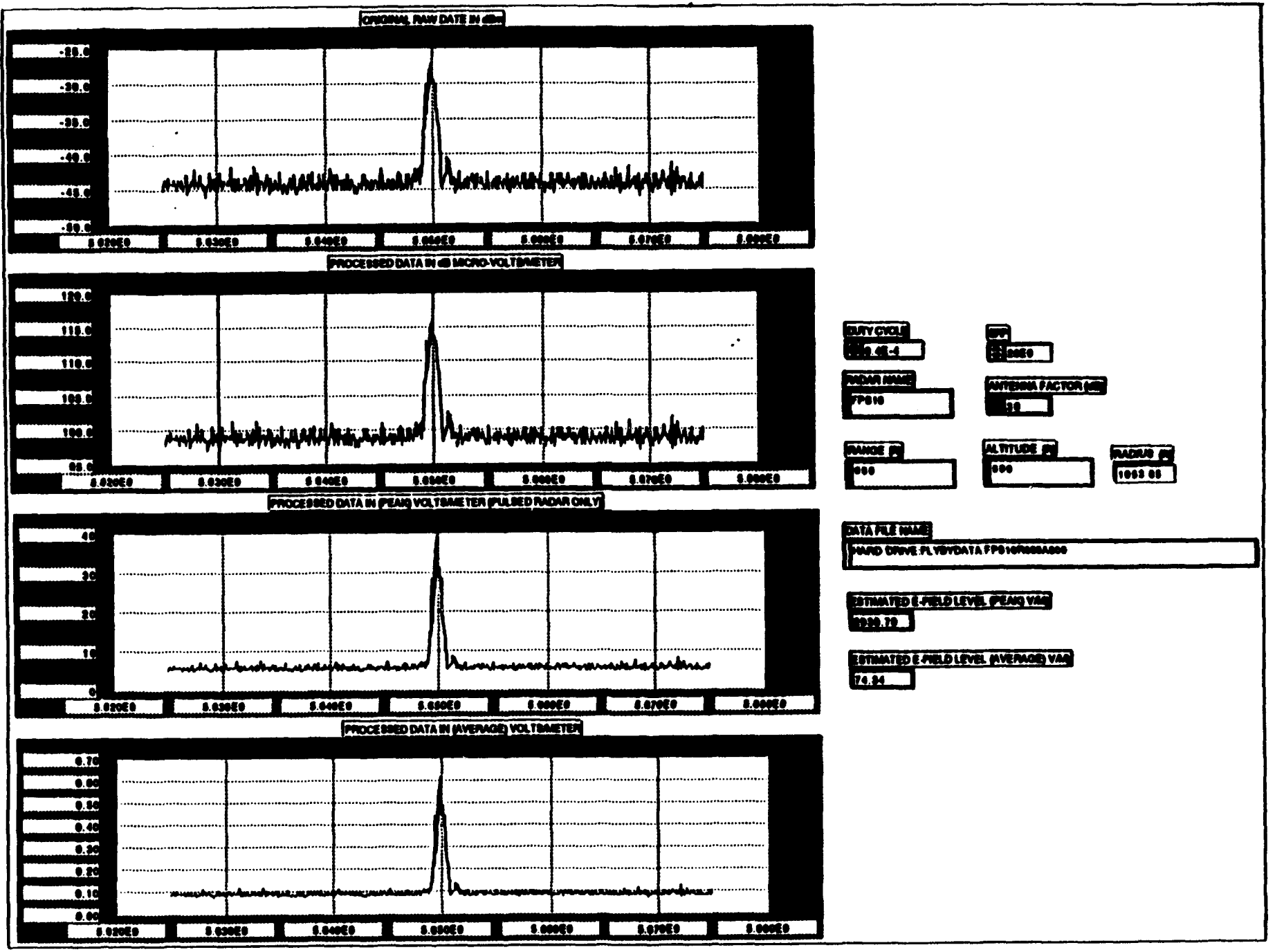

ORIGINAL RAW DATE IN dBm
-15.0
-20.0
-25.0
-30.0
-35.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
90.0
85.0
80.0
75.0
70.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0250
0.0200
0.0150
0.0100
0.0050
0.0000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0
SF
251E8
RADAR NAME
OTHB
ANTENNA FACTOR (dB)
-9
RANGE (ft)
21120
ALTITUDE (ft)
1500
RADIUS (ft)
21173.90
DATA FILE NAME
HARD DRIVE:FLYBYDATA:OTHBR21120A1500
ESTIMATED E-FIELD LEVEL (PEAK) VAC
0.44
ESTIMATED E-FIELD LEVEL (AVERAGE) VAC
0.00

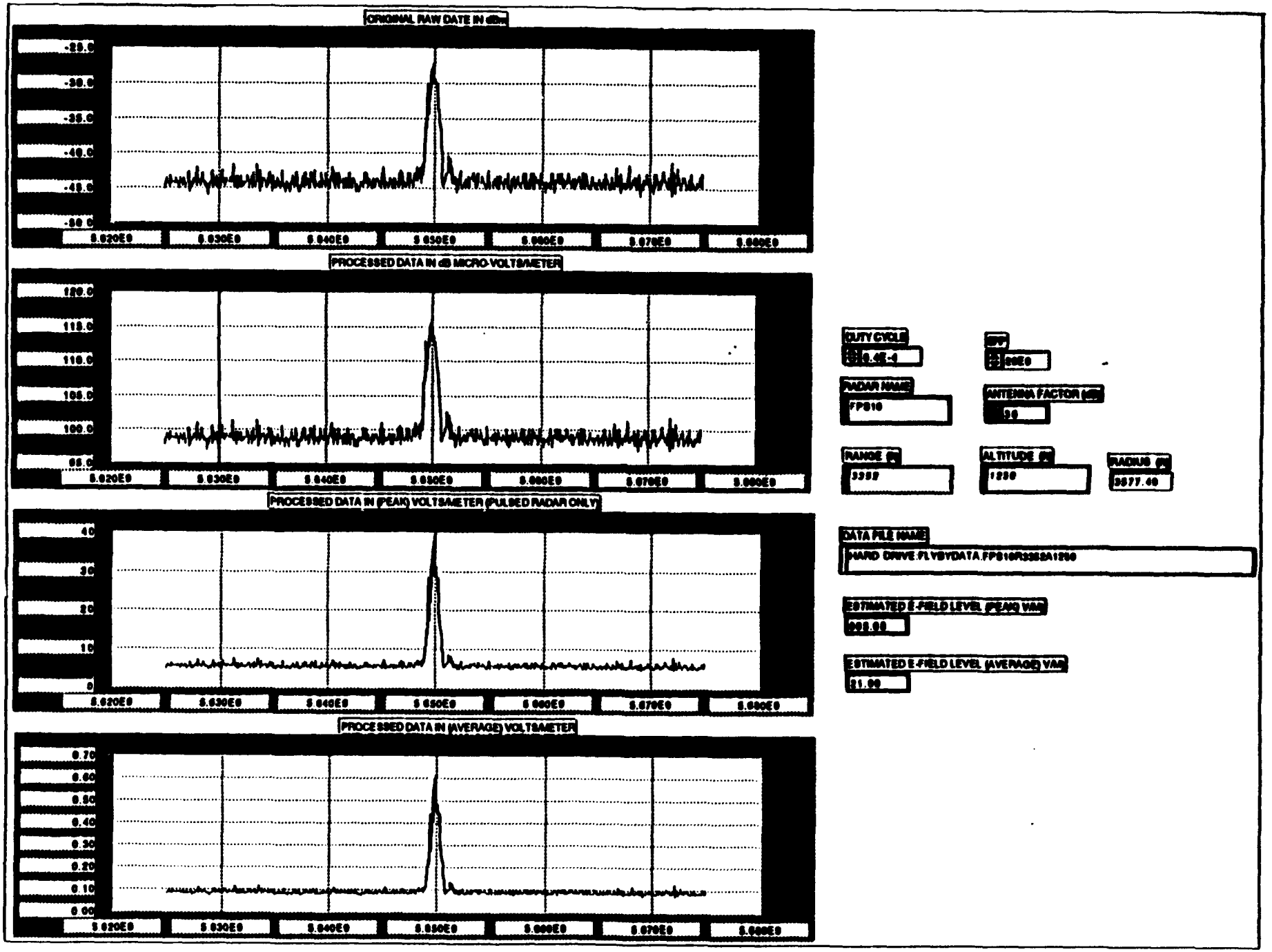

ORIGINAL RAW DATE IN dBm
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
90.0
85.0
80.0
75.0
70.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0300
0.0250
0.0200
0.0150
0.0100
0.0050
0.0000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
20400
ALTITUDE (ft)
1500
RADIUS (ft)
20442.98
DATA FILE NAME
HARD DRIVE:FLYBYDATA:OTHER20400A1500
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

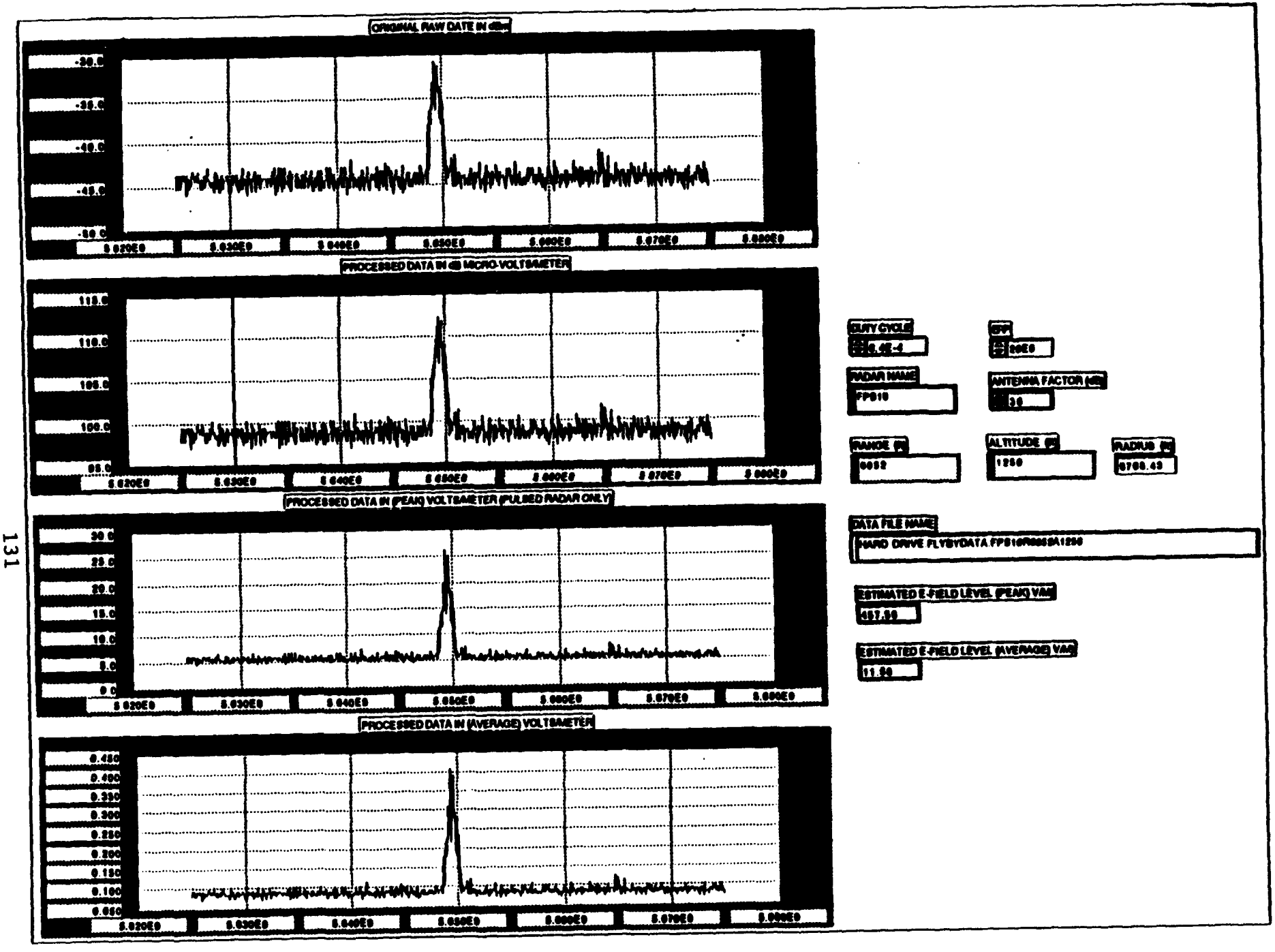
SECTION 3-3
FPS-16 DATA PLOTS

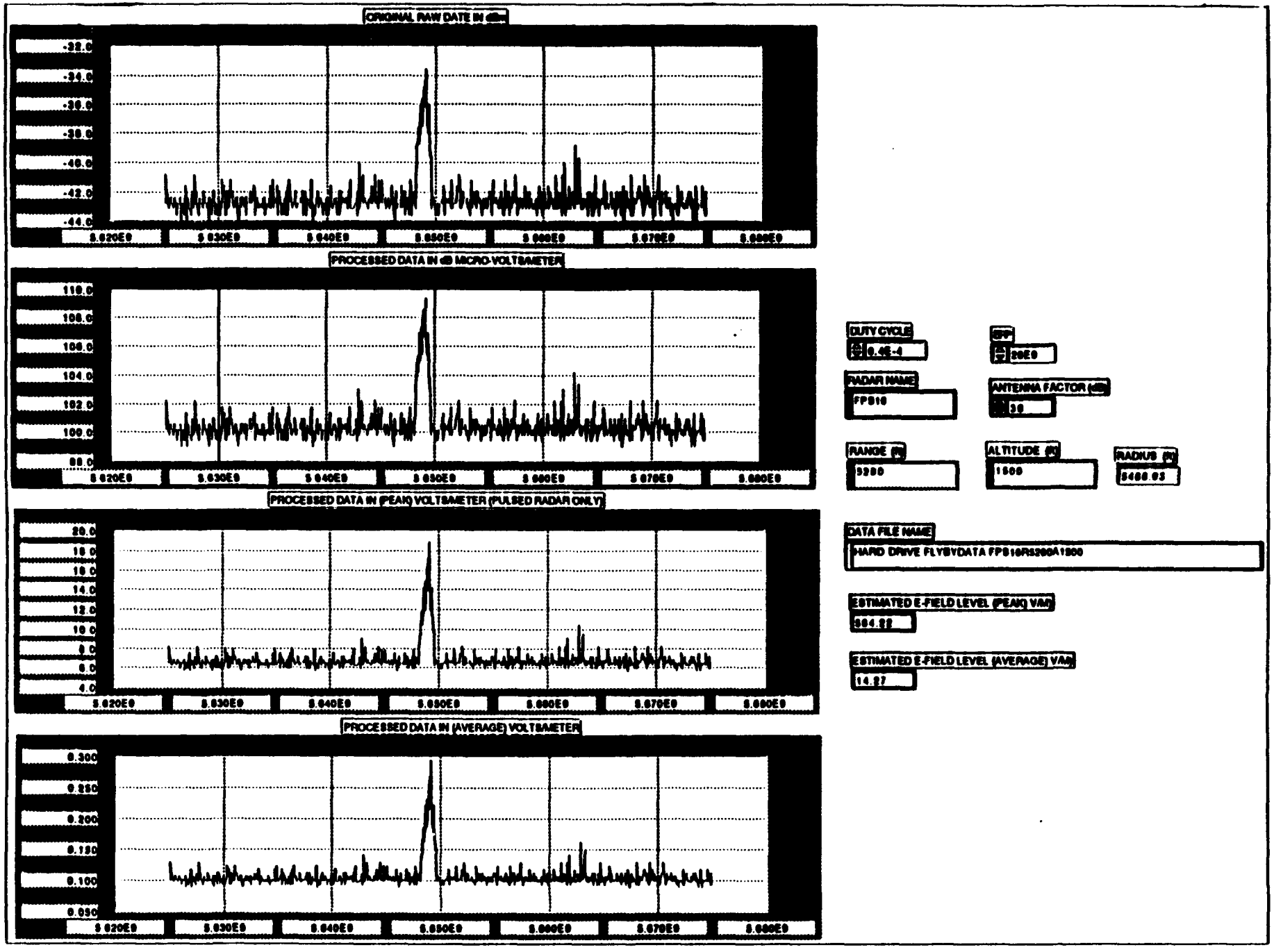

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
RADAR NAME
FPS16
ANTENNA FACTOR dB
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
14.07


ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
RADAR NAME
FPS10
ANTENNA FACTOR (dB)
RANGE (ft)
2100
ALTITUDE (ft)
000
RADIUS (ft)
3207.45
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

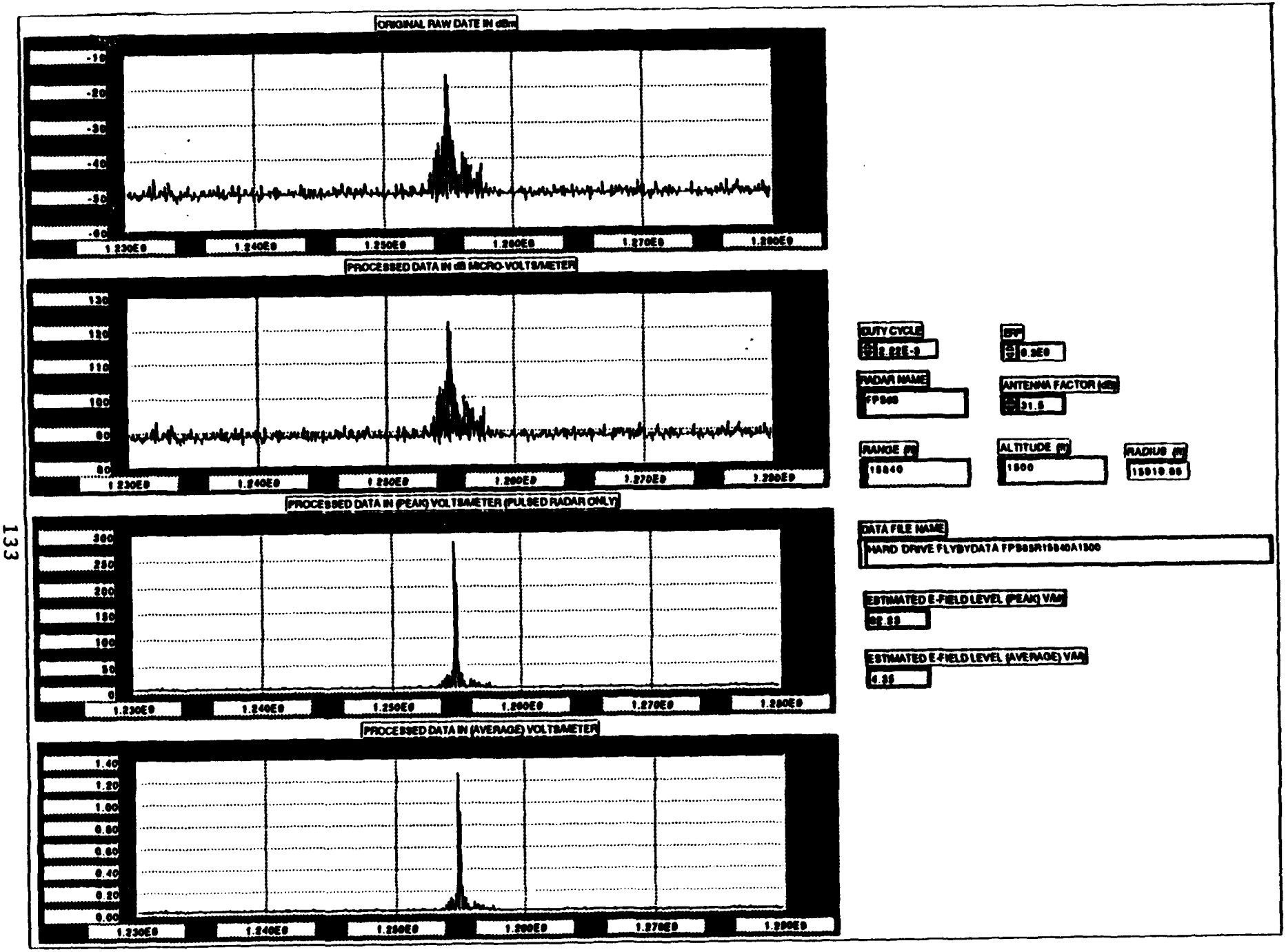

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
RADAR NAME
FPS10
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

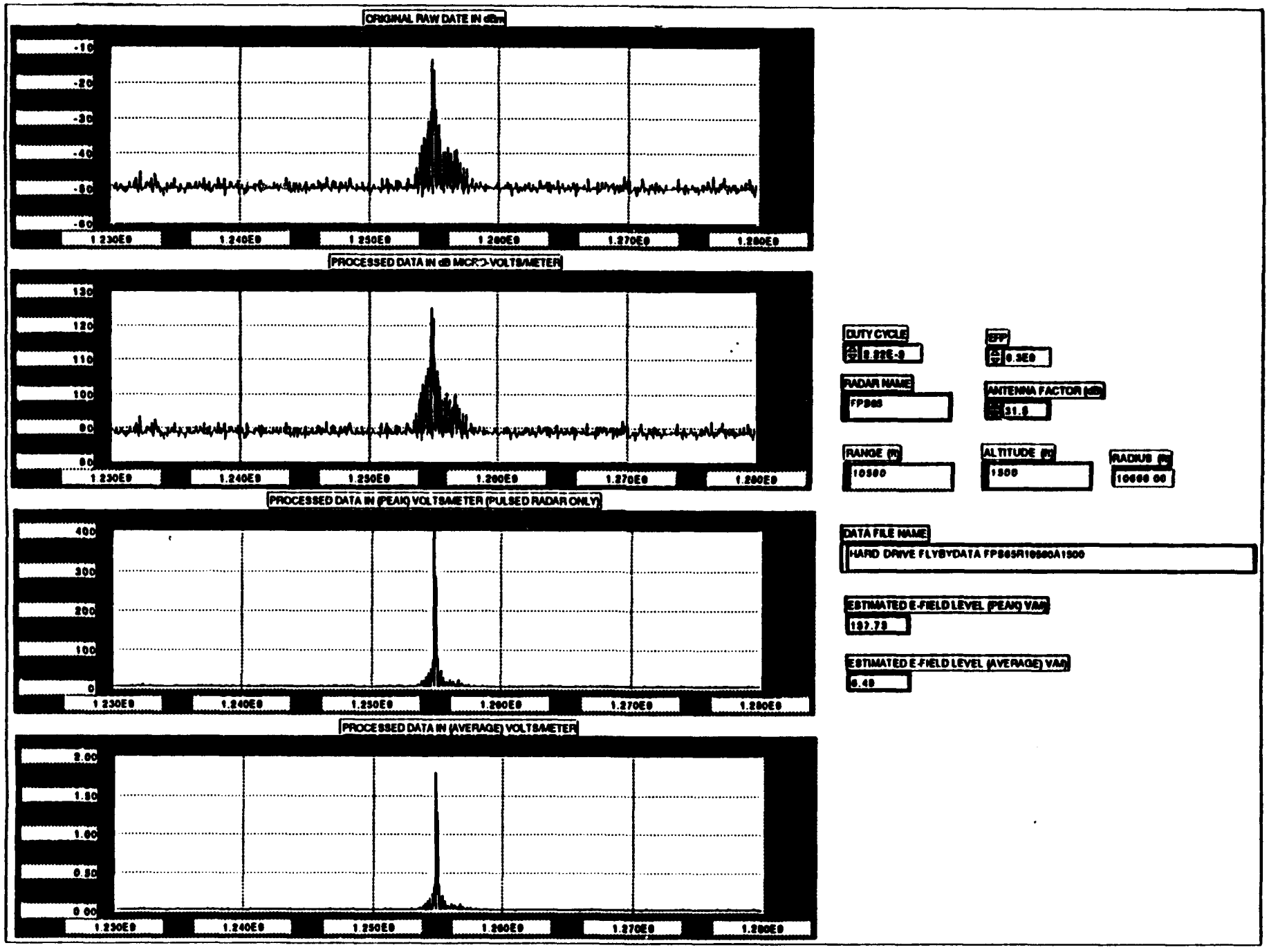

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO VOLTS/METER
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTS/METER
DUTY CYCLE
RADAR NAME
FPS16
ANTENNA FACTOR
RANGE
ALTITUDE
RADIUS
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

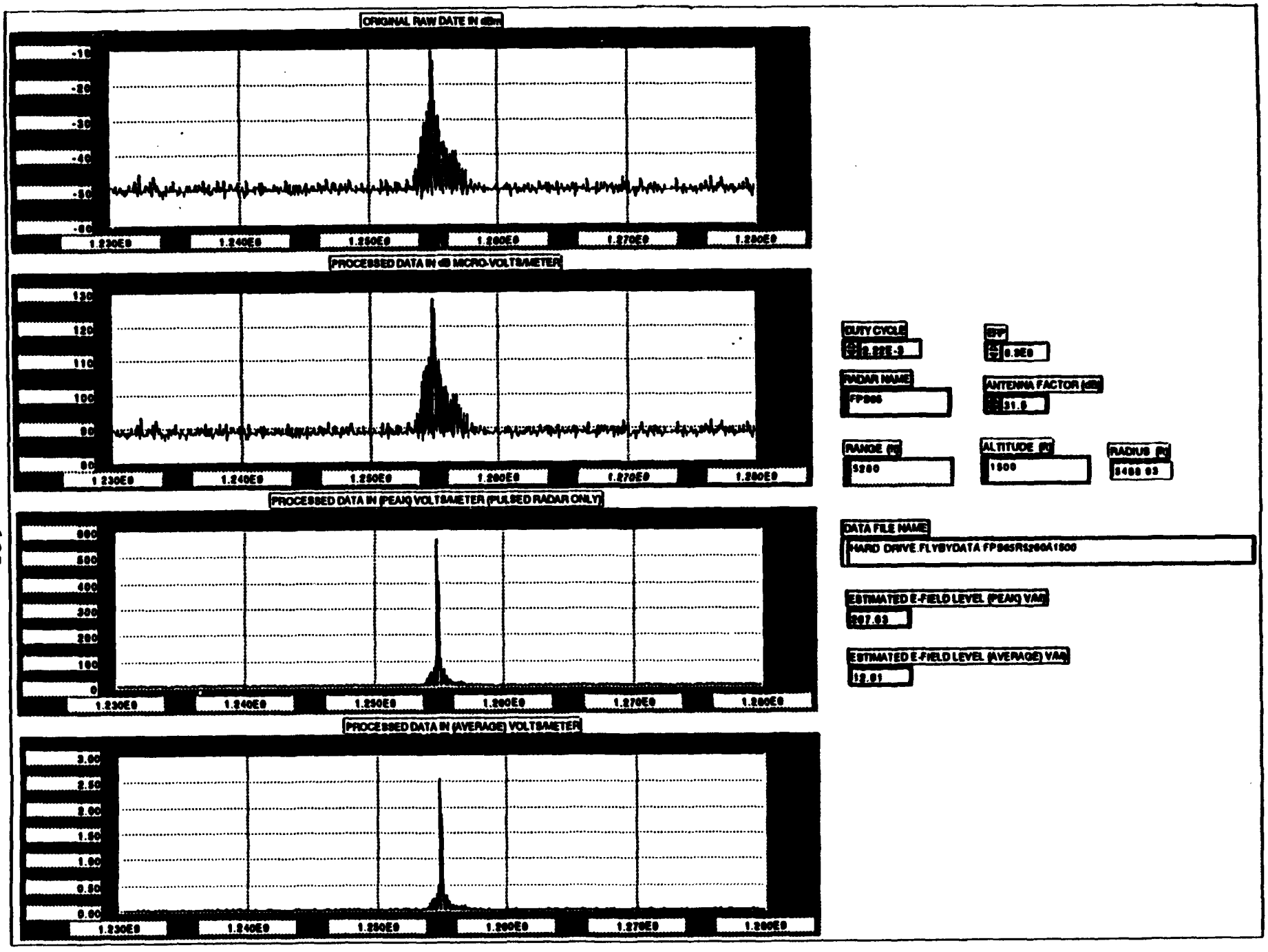

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSAMETER
PROCESSED DATA IN (PEAK) VOLTSAMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSAMETER
DUTY CYCLE
PRF
RADAR NAME
FPS16
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
1250
RADIUS (ft)
DATA FILE NAME
HARD DRIVE FLYBYDATA FPS16R0005A1250
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

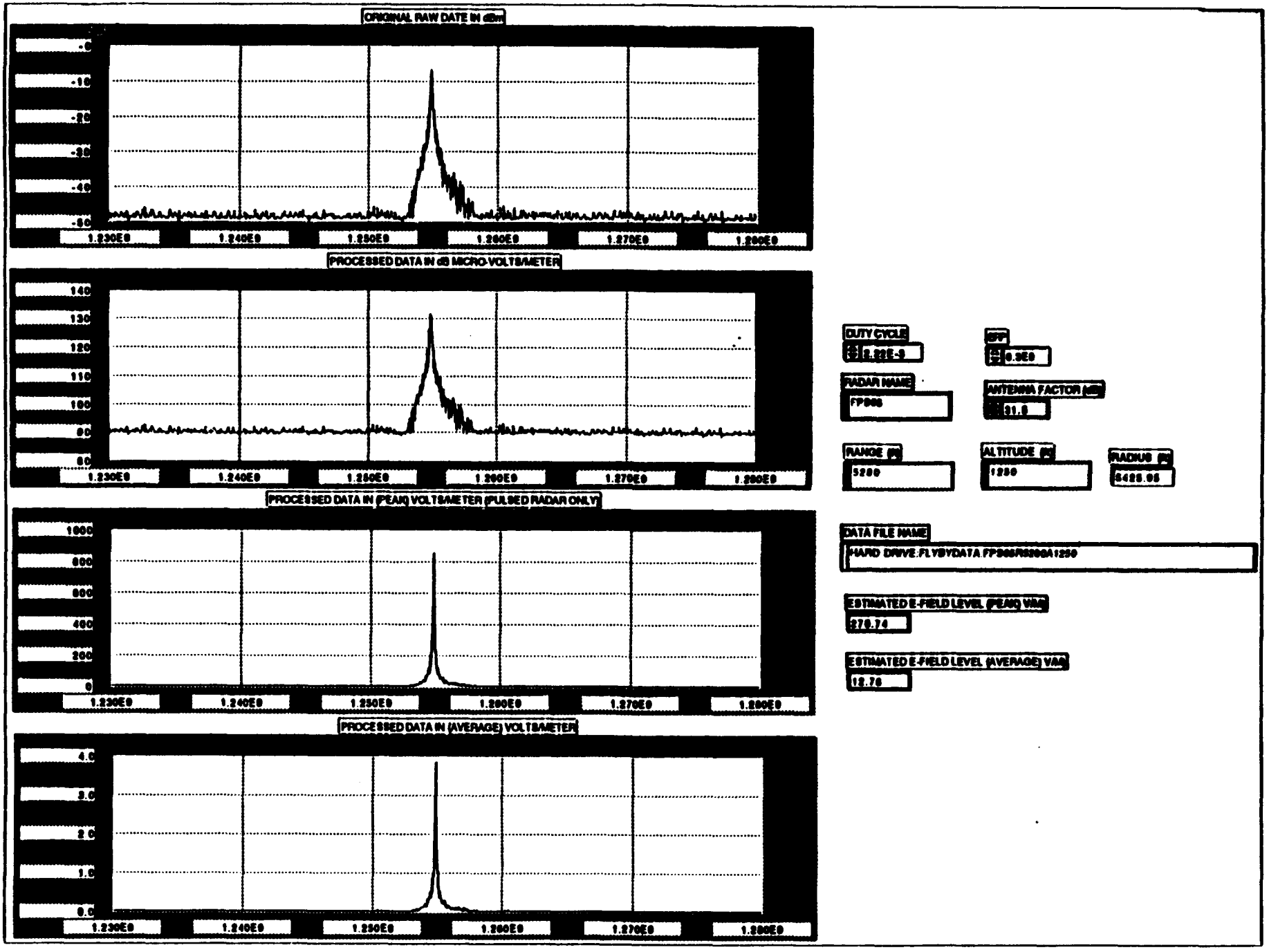

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
PRF
RADAR NAME
FPS10
ANTENNA FACTOR (dB)
RANGE (ft)
9200
ALTITUDE (ft)
1500
RADIUS (ft)
DATA FILE NAME
HARD DRIVE FLYBYDATA FPS10RS200A1500
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

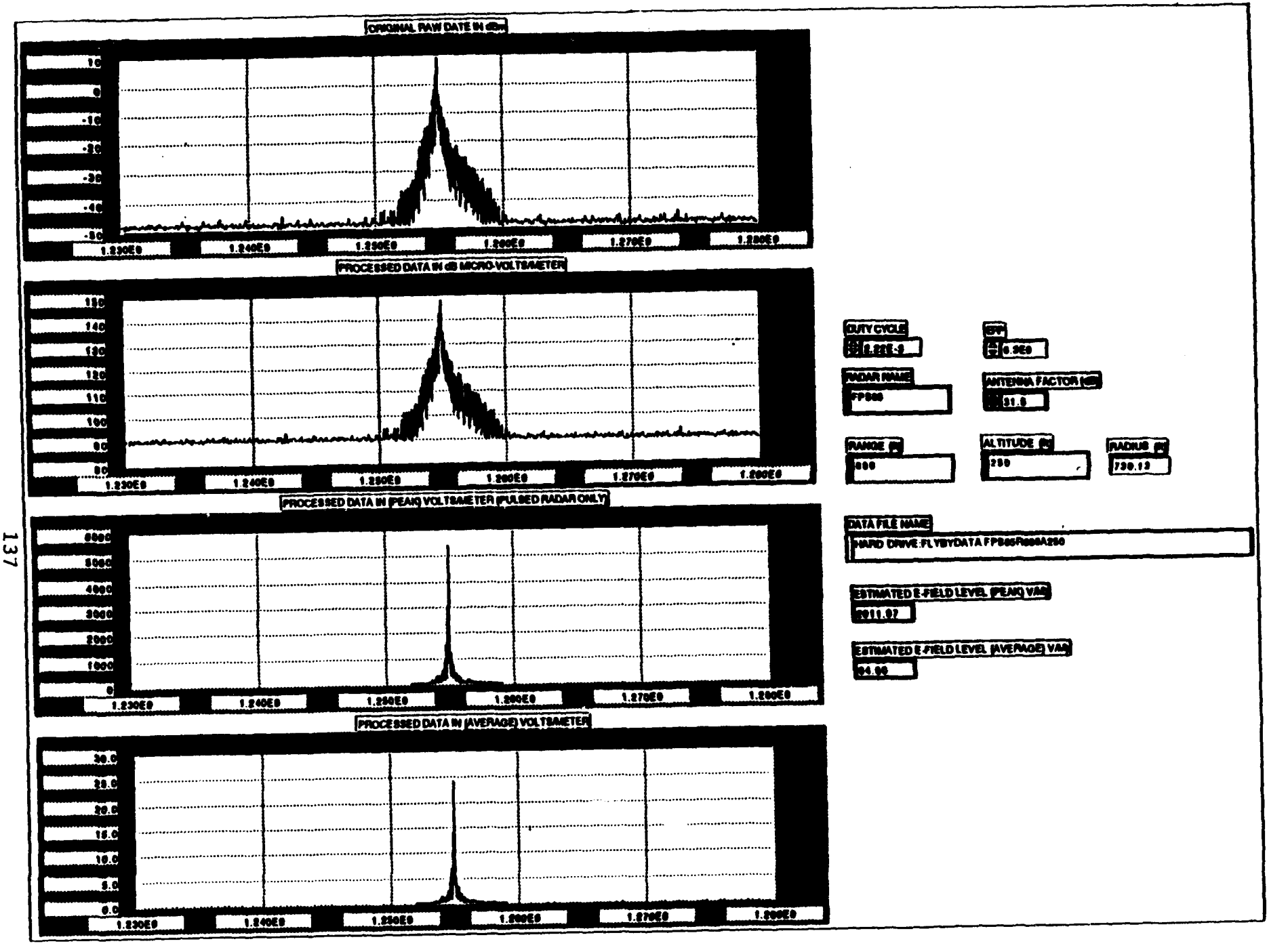
SECTION 3-4
FPS-65 DATA PLOTS


ORIGINAL RAW DATE IN dBm
-10
-20
-30
-40
-50
-60
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN dB MICRO-VOLTS/METER
120
110
100
90
80
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
300
250
200
150
100
50
0
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN (AVERAGE) VOLTS/METER
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
DUTY CYCLE
2.22E-3
PRF
8.3E0
RADAR NAME
FPS85
ANTENNA FACTOR (dB)
21.5
RANGE (ft)
15840
ALTITUDE (ft)
1500
RADIUS (ft)
15810.86
DATA FILE NAME
HARD DRIVE FLYBYDATA FPS85R15840A1500
ESTIMATED E-FIELD LEVEL (PEAK) V/m
ESTIMATED E-FIELD LEVEL (AVERAGE) V/m

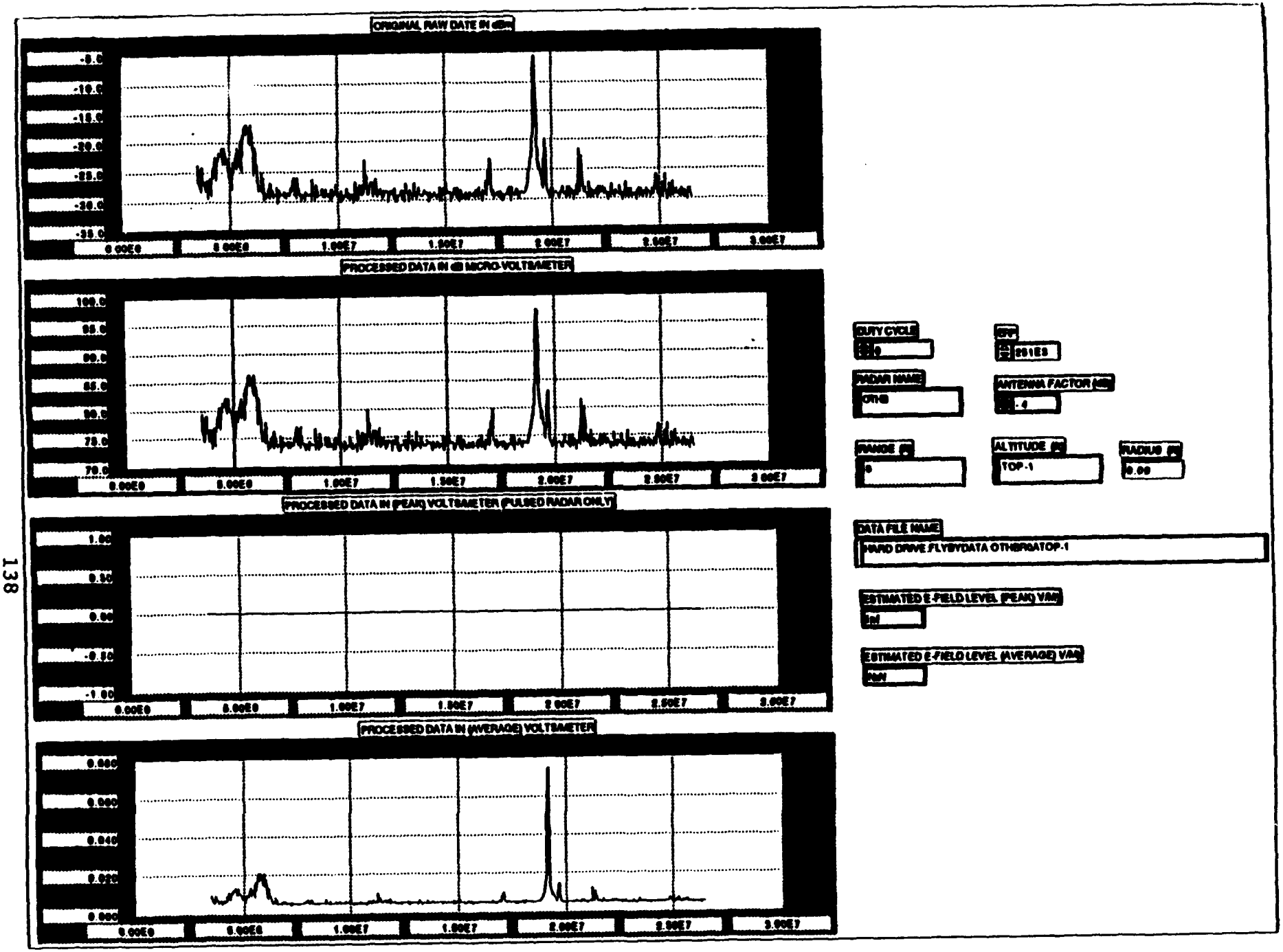

ORIGINAL RAW DATE IN dBm
-10
-20
-30
-40
-50
-60
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN dB MICRO-VOLTS/METER
130
120
110
100
90
80
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
400
300
200
100
0
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN (AVERAGE) VOLTS/METER
2.00
1.50
1.00
0.50
0.00
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
DUTY CYCLE
8.22E-9
PRF
6.3E0
RADAR NAME
FPS85
ANTENNA FACTOR (dB)
31.8
RANGE (ft)
10560
ALTITUDE (ft)
1500
RADIUS (ft)
10560.00
DATA FILE NAME
HARD DRIVE FLYBYDATA FPS85R10560A1500
ESTIMATED E-FIELD LEVEL (PEAK) V/M
192.79
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.49

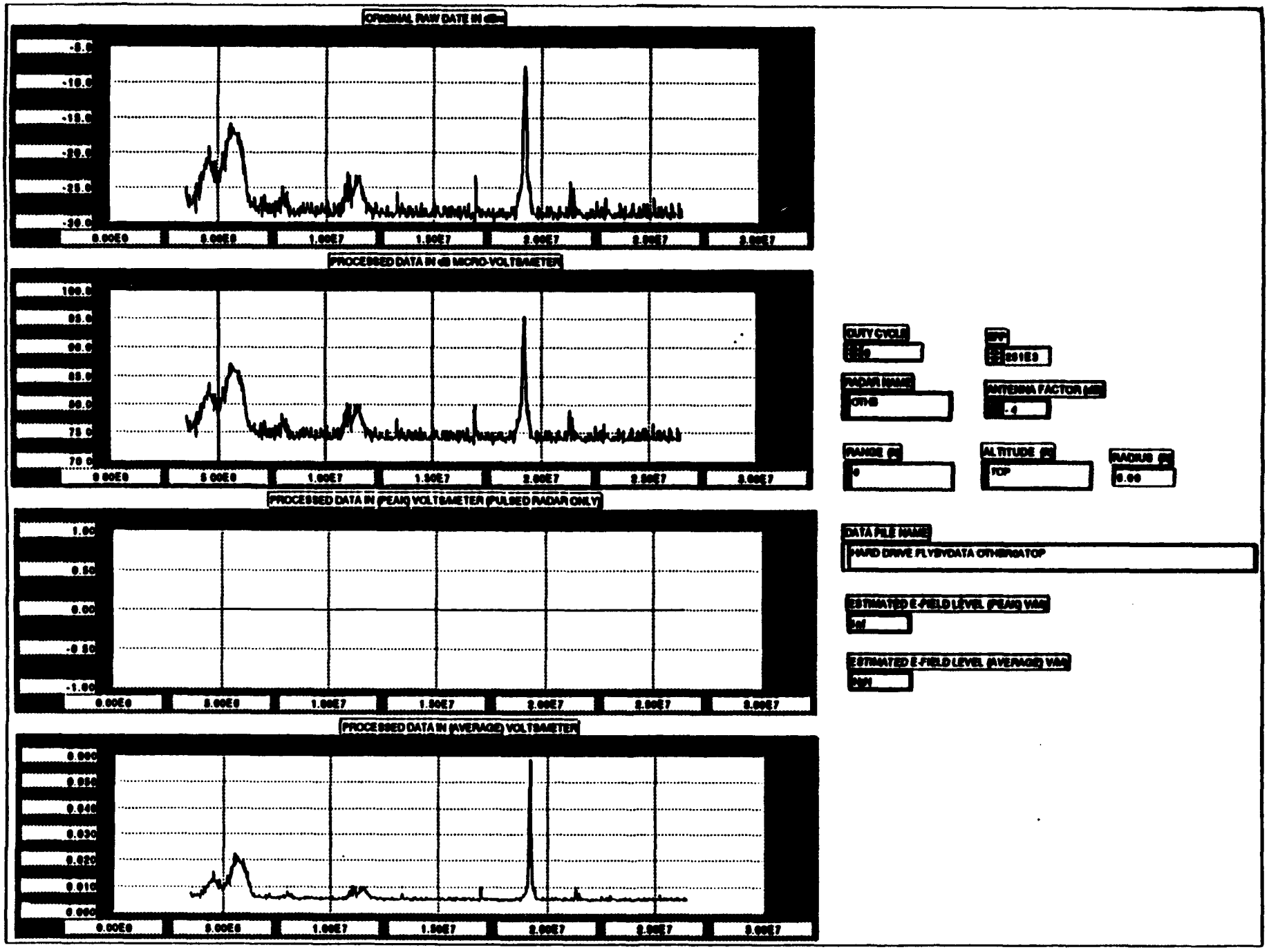

ORIGINAL RAW DATE IN dBm
-10
-20
-30
-40
-50
-60
1.230E9
1.240E9
1.250E9
1.260E9
1.270E9
1.280E9
PROCESSED DATA IN dB MICRO-VOLTS/METER
120
110
100
90
80
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
600
500
400
300
200
100
0
PROCESSED DATA IN (AVERAGE) VOLTS/METER
3.00
2.50
2.00
1.50
1.00
0.50
0.00
DUTY CYCLE
2.22E-3
PRF
1.0E0
RADAR NAME
FPS85
ANTENNA FACTOR (dB)
31.0
RANGE (ft)
5280
ALTITUDE (ft)
1500
RADIUS (ft)
5488.03
DATA FILE NAME
HARD DRIVE:FLYBYDATA:FPS85RS280A1500
ESTIMATED E-FIELD LEVEL (PEAK) VAM
207.03
ESTIMATED E-FIELD LEVEL (AVERAGE) VAM
12.81

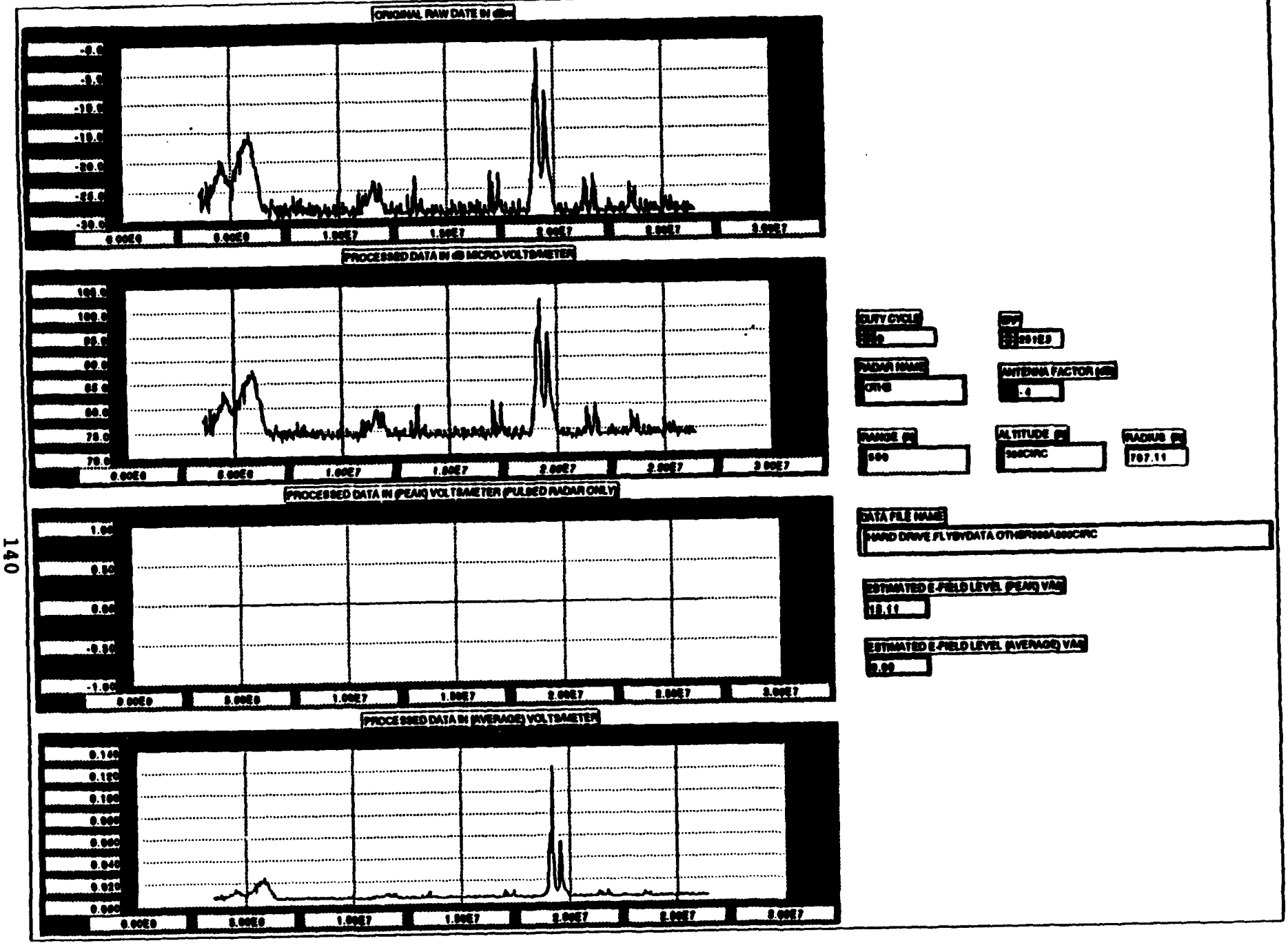

ORIGINAL RAW DATE IN dBm
-0
-10
-20
-30
-40
-50
1.230E0
1.240E0
1.250E0
1.260E0
1.270E0
1.280E0
PROCESSED DATA IN dB MICRO-VOLTS/METER
140
130
120
110
100
90
80
1.230E0
1.240E0
1.250E0
1.260E0
1.270E0
1.280E0
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1000
800
600
400
200
0
1.230E0
1.240E0
1.250E0
1.260E0
1.270E0
1.280E0
PROCESSED DATA IN (AVERAGE) VOLTS/METER
4.0
3.0
2.0
1.0
0.0
1.230E0
1.240E0
1.250E0
1.260E0
1.270E0
1.280E0
DUTY CYCLE
8.22E-9
PRF
8.3E0
RADAR NAME
FPS06
ANTENNA FACTOR (dB)
31.0
RANGE (ft)
5280
ALTITUDE (ft)
1250
RADIUS (ft)
5428.95
DATA FILE NAME
HARD DRIVE:FLYBYDATA FPS06RS06A1250
ESTIMATED E-FIELD LEVEL (PEAK) V/M
270.74
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
12.76

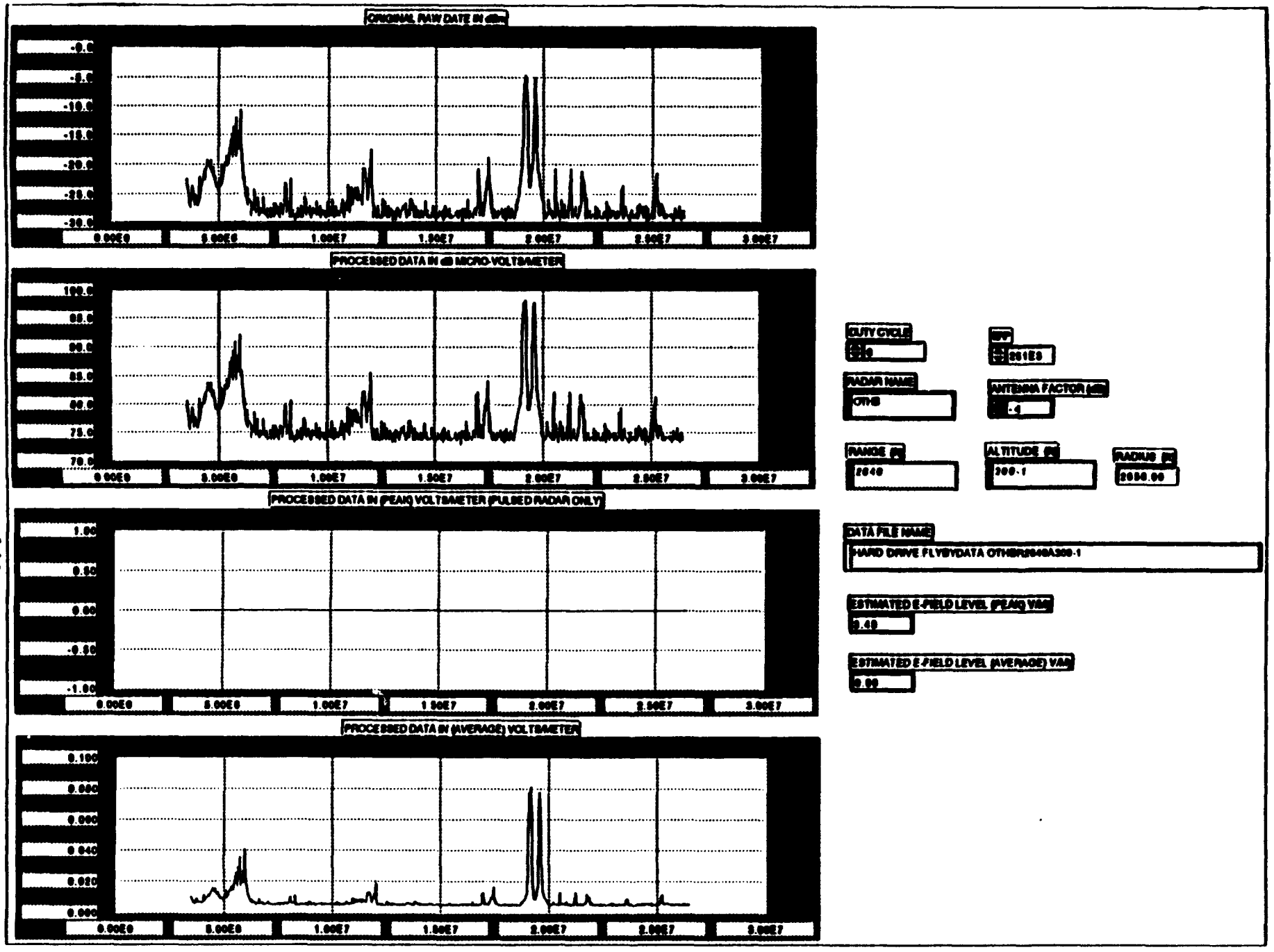

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTS/METER
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTS/METER
1.230E0
1.240E0
1.250E0
1.260E0
1.270E0
1.280E0
DUTY CYCLE
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/m
ESTIMATED E-FIELD LEVEL (AVERAGE) V/m

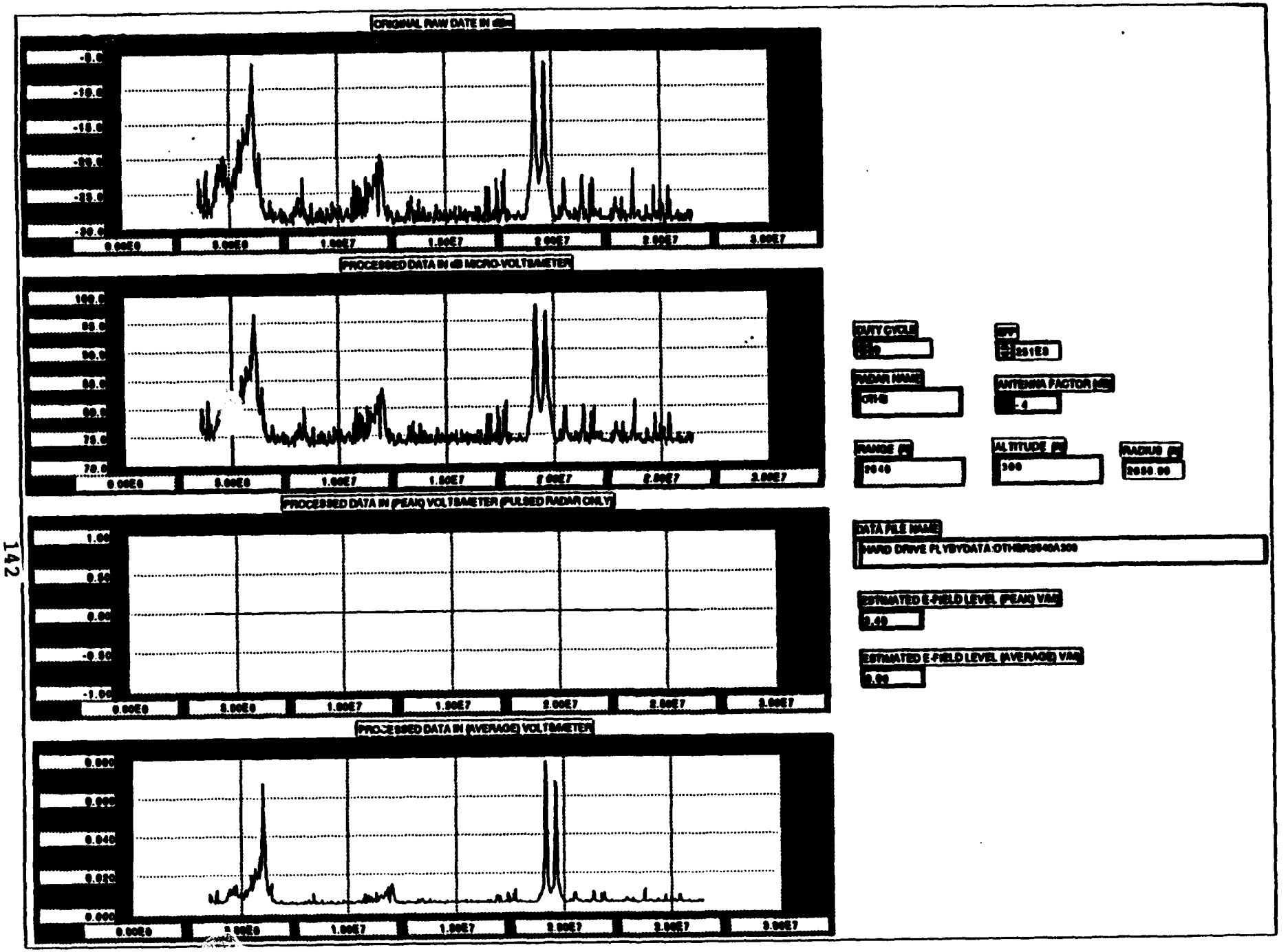
SECTION 3-5
OTHB PHASE II DATA PLOTS

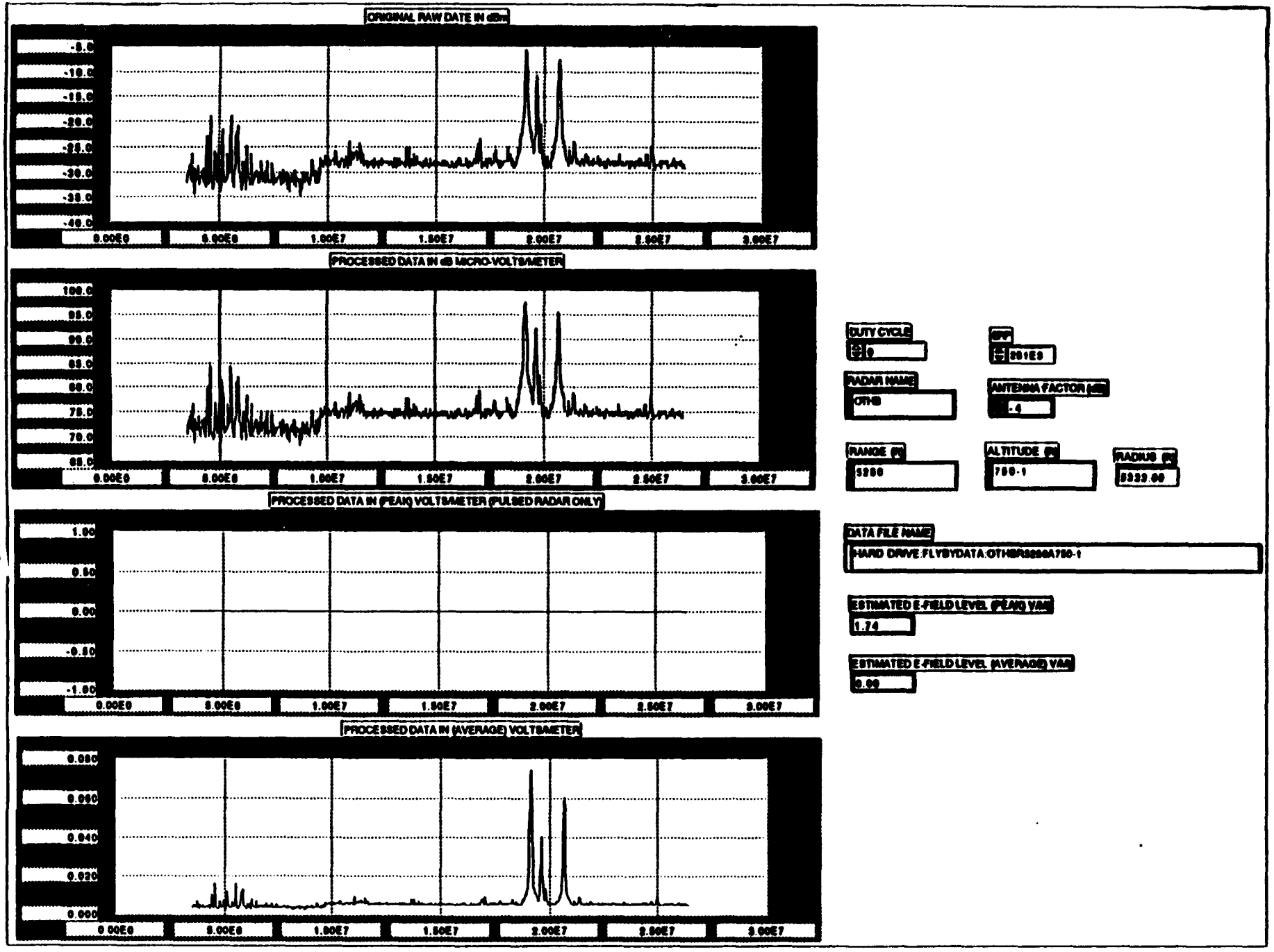

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTS/METER
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
PRF
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
TOP-1
0.00
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M


ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
PRF
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

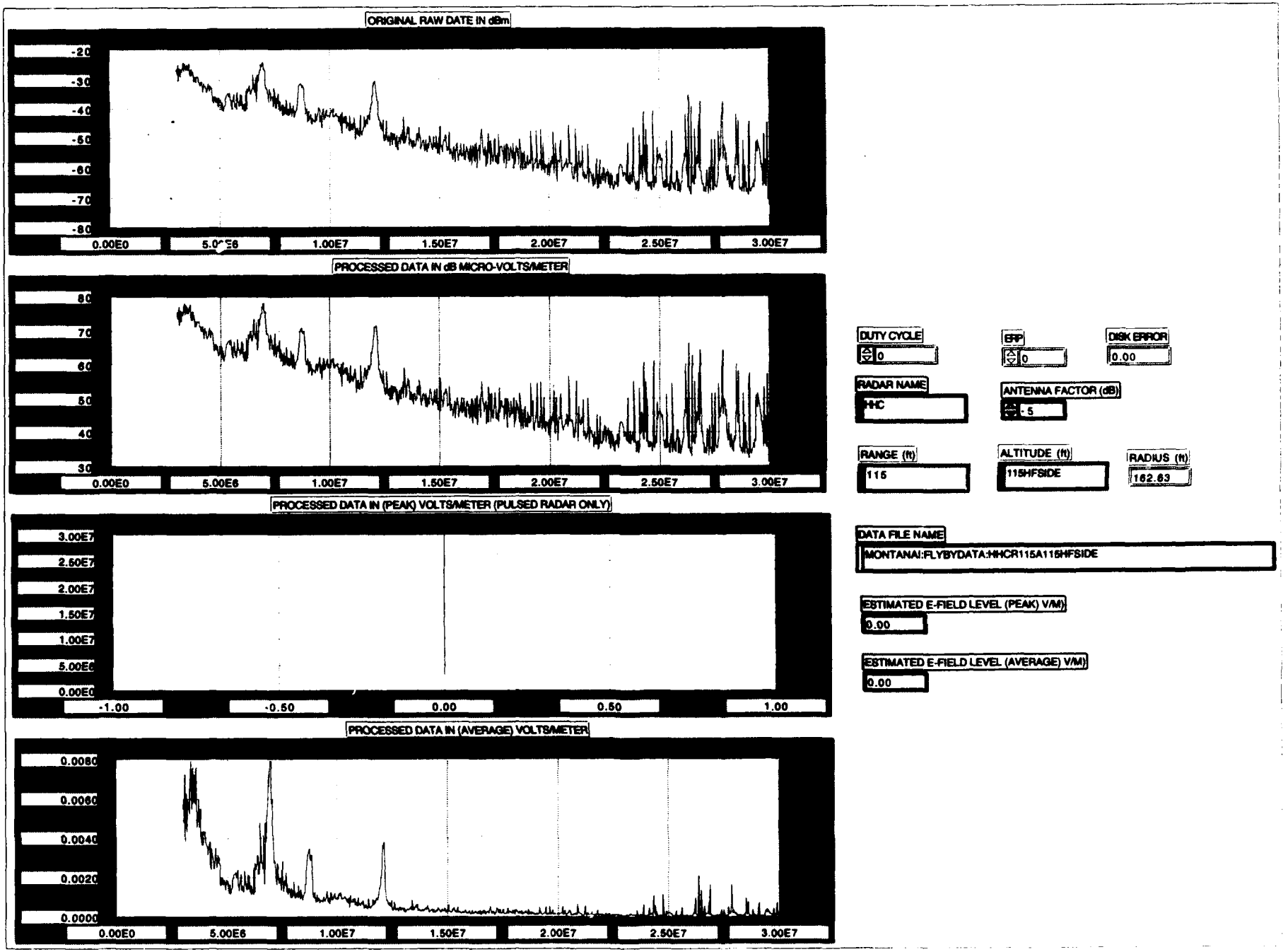

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
PRF
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
707.11
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
18.11
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

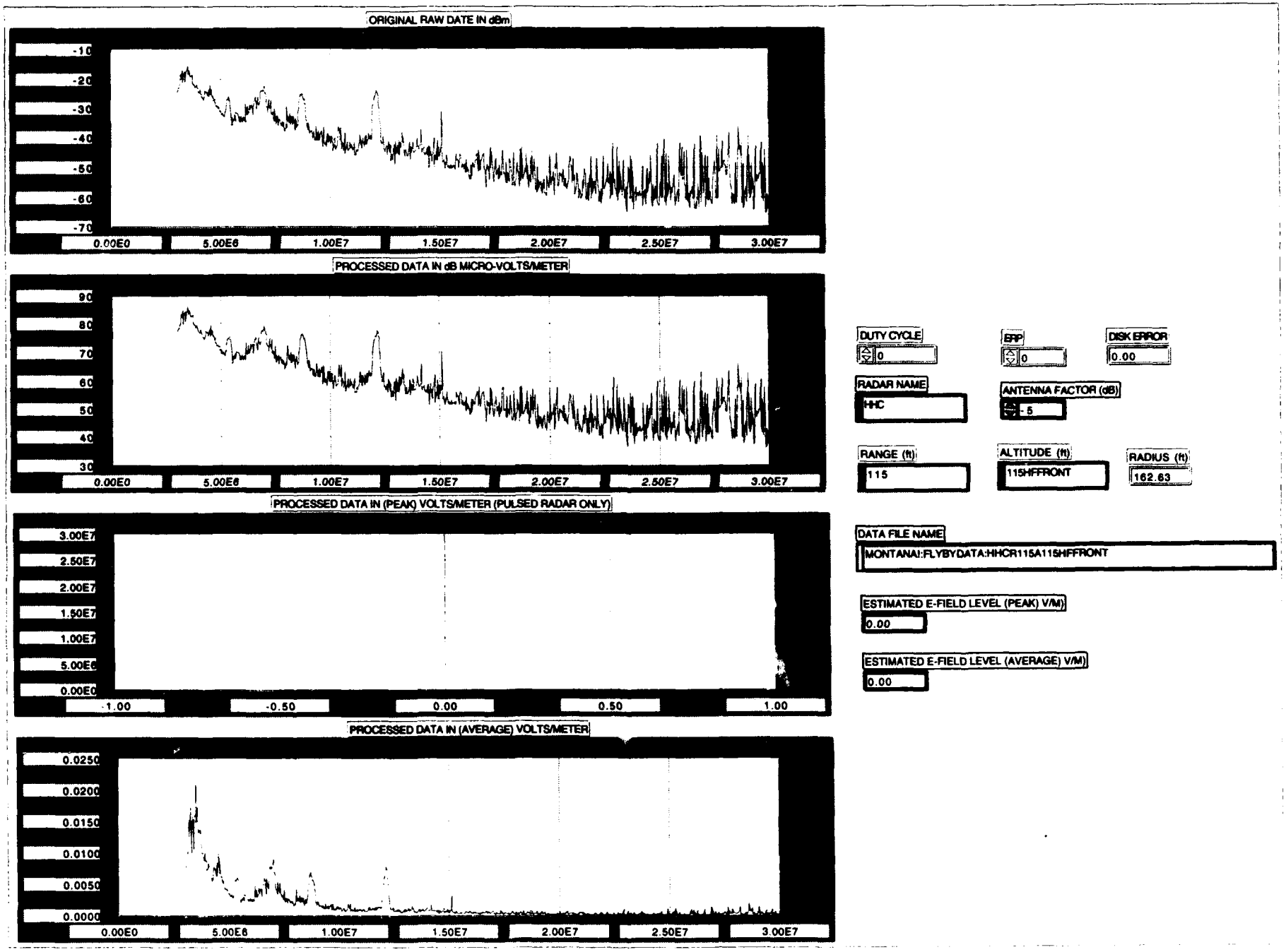

ORIGINAL RAW DATE IN dBm
PROCESSED DATA IN dB MICRO-VOLTS/METER
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
RADAR NAME
ANTENNA FACTOR
RANGE
ALTITUDE
RADIUS
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

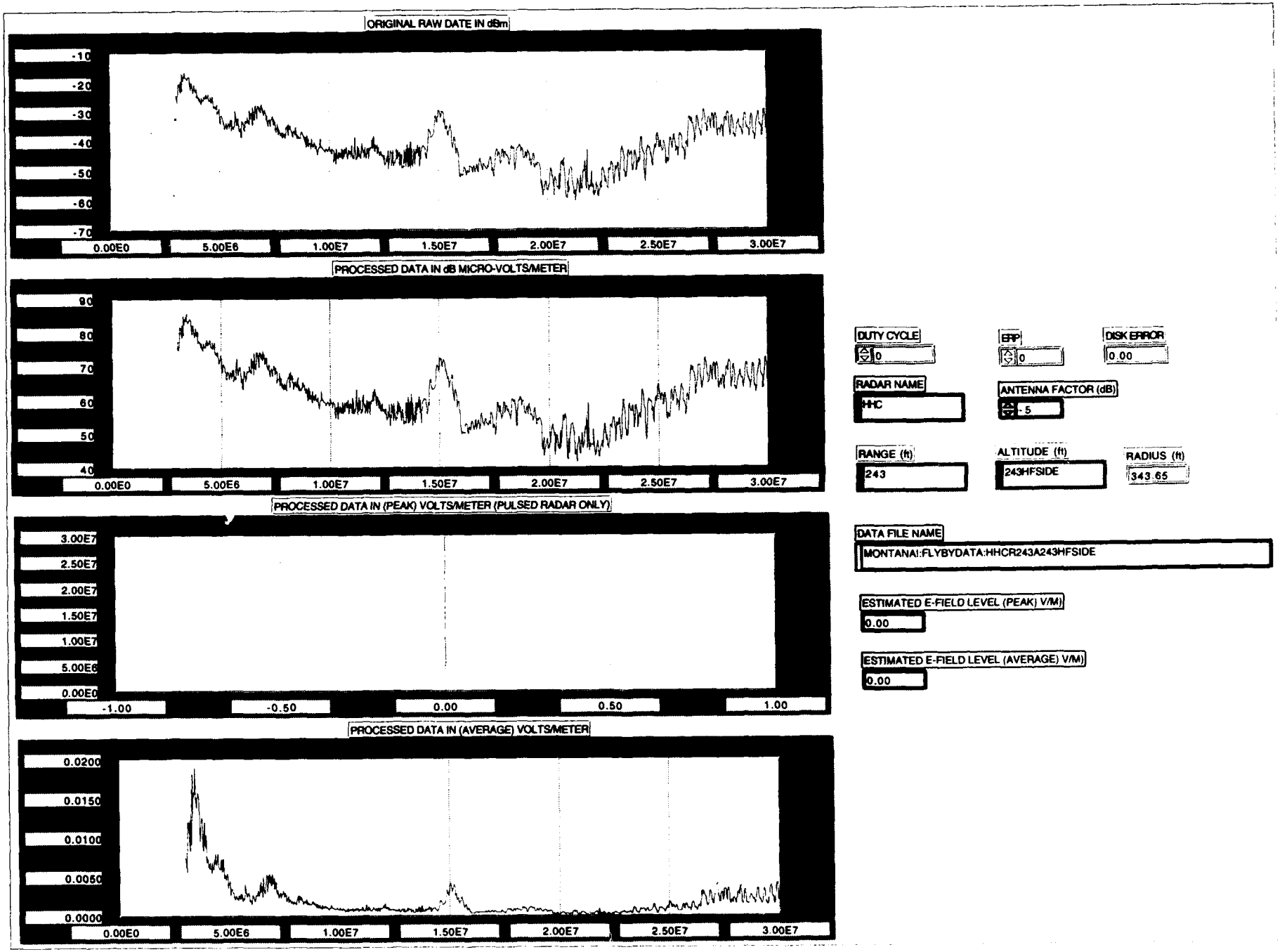

ORIGINAL RAW DATE IN dB
PROCESSED DATA IN dB MICRO VOLTSMETER
PROCESSED DATA IN (PEAK) VOLTSMETER (PULSED RADAR ONLY)
PROCESSED DATA IN (AVERAGE) VOLTSMETER
DUTY CYCLE
RADAR NAME
ANTENNA FACTOR (dB)
RANGE (ft)
ALTITUDE (ft)
RADIUS (ft)
DATA FILE NAME
ESTIMATED E-FIELD LEVEL (PEAK) V/M
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M

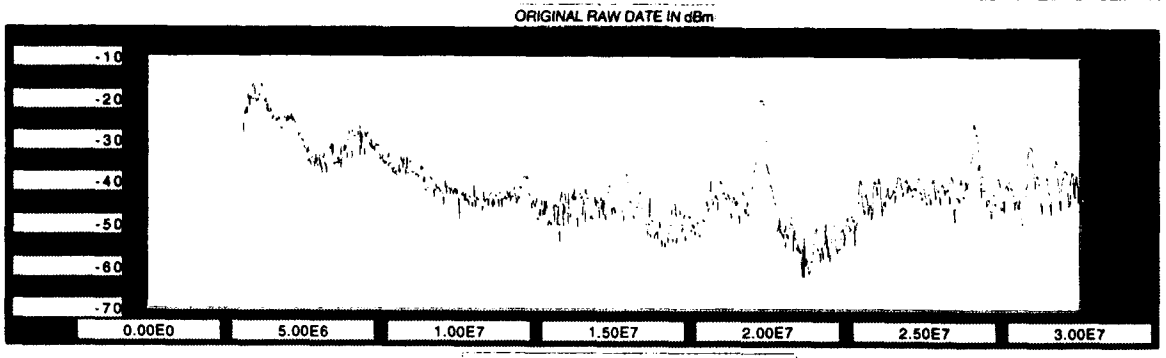

ORIGINAL RAW DATE IN dBm
-8.0
-10.0
-18.0
-20.0
-28.0
-30.0
-38.0
-40.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
100.0
90.0
80.0
70.0
60.0
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
1.00
0.50
0.00
-0.50
-1.00
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.080
0.060
0.040
0.020
0.000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0
PRF
201E6
RADAR NAME
OTHB
ANTENNA FACTOR (dB)
-4
RANGE (ft)
5280
ALTITUDE (ft)
750-1
RADIUS (ft)
5333.00
DATA FILE NAME
HARD DRIVE:FLYBYDATA:OTHBR5280A750-1
ESTIMATED E-FIELD LEVEL (PEAK) V/M
1.74
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00

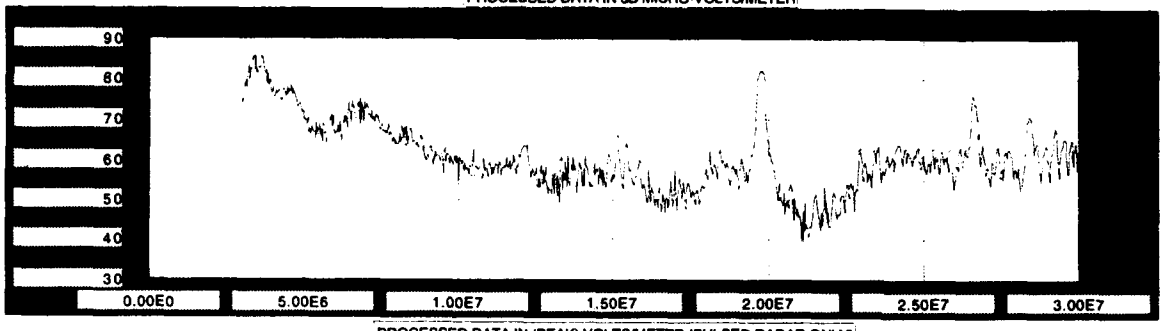
SECTION 3-6
HHC DATA PLOTS

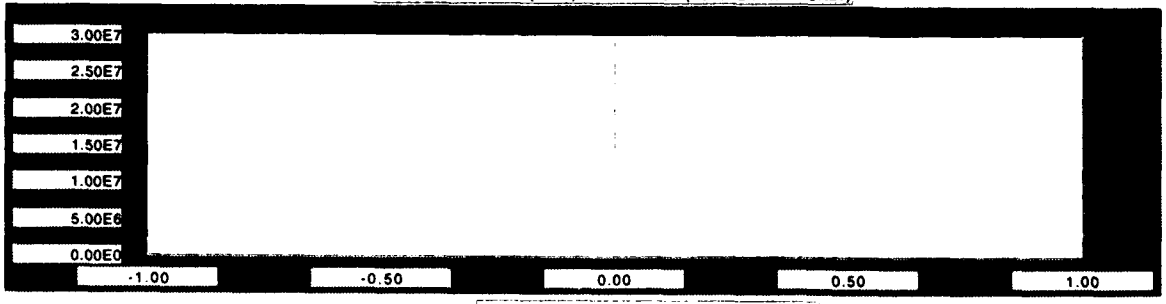

ORIGINAL RAW DATE IN dBm
-20
-30
-40
-50
-60
-70
-80
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
80
70
60
50
40
30
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
3.00E7
2.50E7
2.00E7
1.50E7
1.00E7
5.00E6
0.00E0
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0080
0.0060
0.0040
0.0020
0.0000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
-5
RANGE (ft)
115
ALTITUDE (ft)
115HFSIDE
RADIUS (ft)
162.63
DATA FILE NAME
MONTANA:FLYBYDATA:HHCR115A115HFSIDE
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00

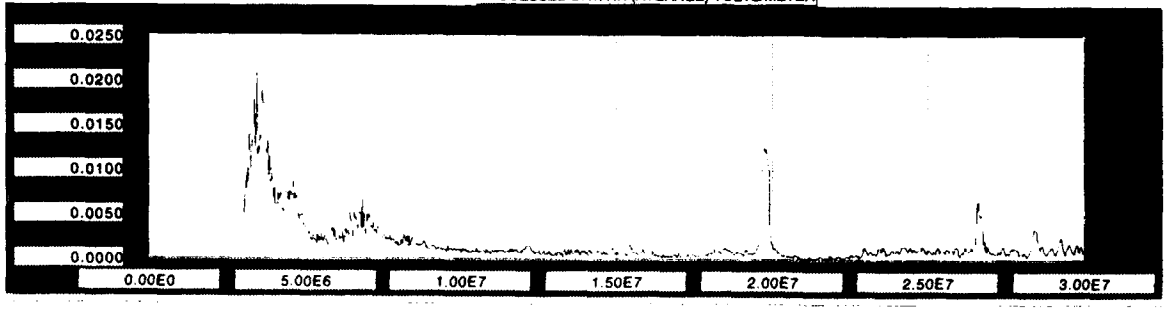

ORIGINAL RAW DATE IN dBm
-10
-20
-30
-40
-50
-60
-70
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
90
80
70
60
50
40
30
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
3.00E7
2.50E7
2.00E7
1.50E7
1.00E7
5.00E6
0.00E0
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0250
0.0200
0.0150
0.0100
0.0050
0.0000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
-5
RANGE (ft)
115
ALTITUDE (ft)
115HFFRONT
RADIUS (ft)
162.63
DATA FILE NAME
MONTANA!:FLYBYDATA:HHCR115A115HFFRONT
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00


ORIGINAL RAW DATE IN dBm
-10
-20
-30
-40
-50
-60
-70
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN dB MICRO-VOLTS/METER
90
80
70
60
50
40
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
3.00E7
2.50E7
2.00E7
1.50E7
1.00E7
5.00E6
0.00E0
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.0200
0.0150
0.0100
0.0050
0.0000
0.00E0
5.00E6
1.00E7
1.50E7
2.00E7
2.50E7
3.00E7
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
-5
RANGE (ft)
243
ALTITUDE (ft)
243HFSIDE
RADIUS (ft)
343.65
DATA FILE NAME
MONTANA!:FLYBYDATA:HHCR243A243HFSIDE
ESTIMATED E-FIELD LEVEL (PEAK) V/M
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M
0.00









DUTY CYCLE: 0

ERP: 0

DISK ERROR: 0.00

RADAR NAME: HHC

ANTENNA FACTOR (dB): -5

RANGE (ft): 243

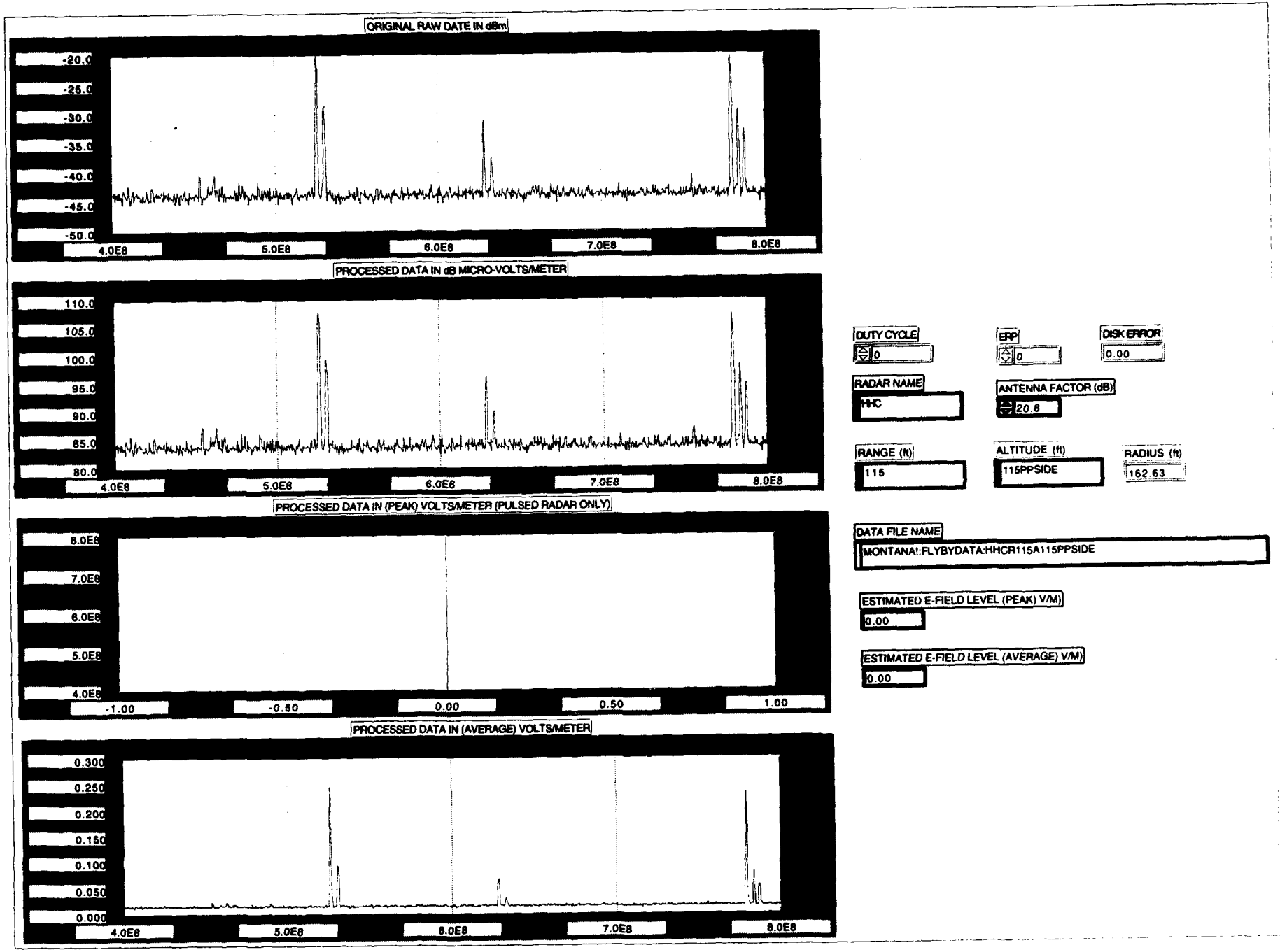
ALTITUDE (ft): 243HFFRONT

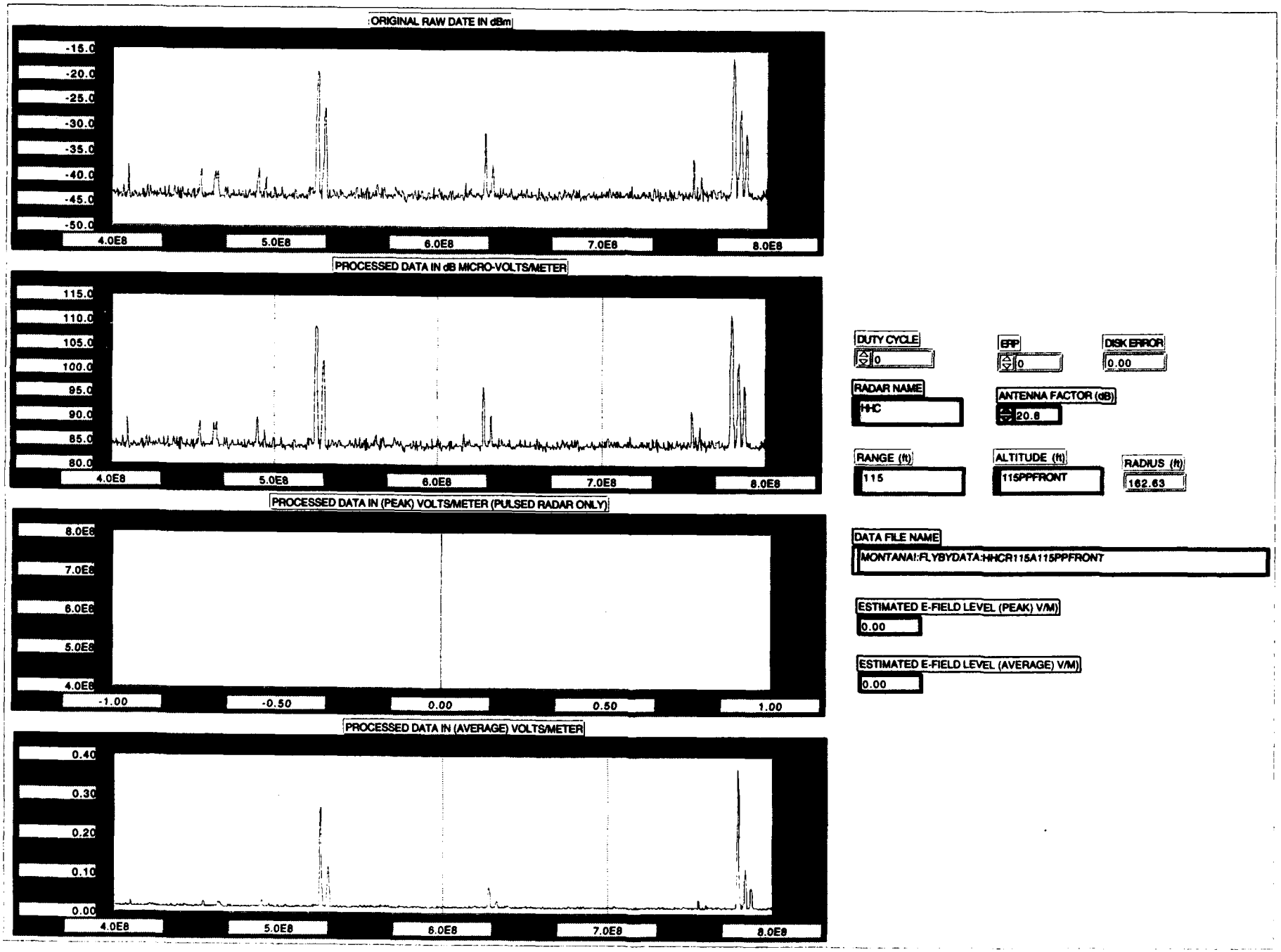
RADIUS (ft): 343.65

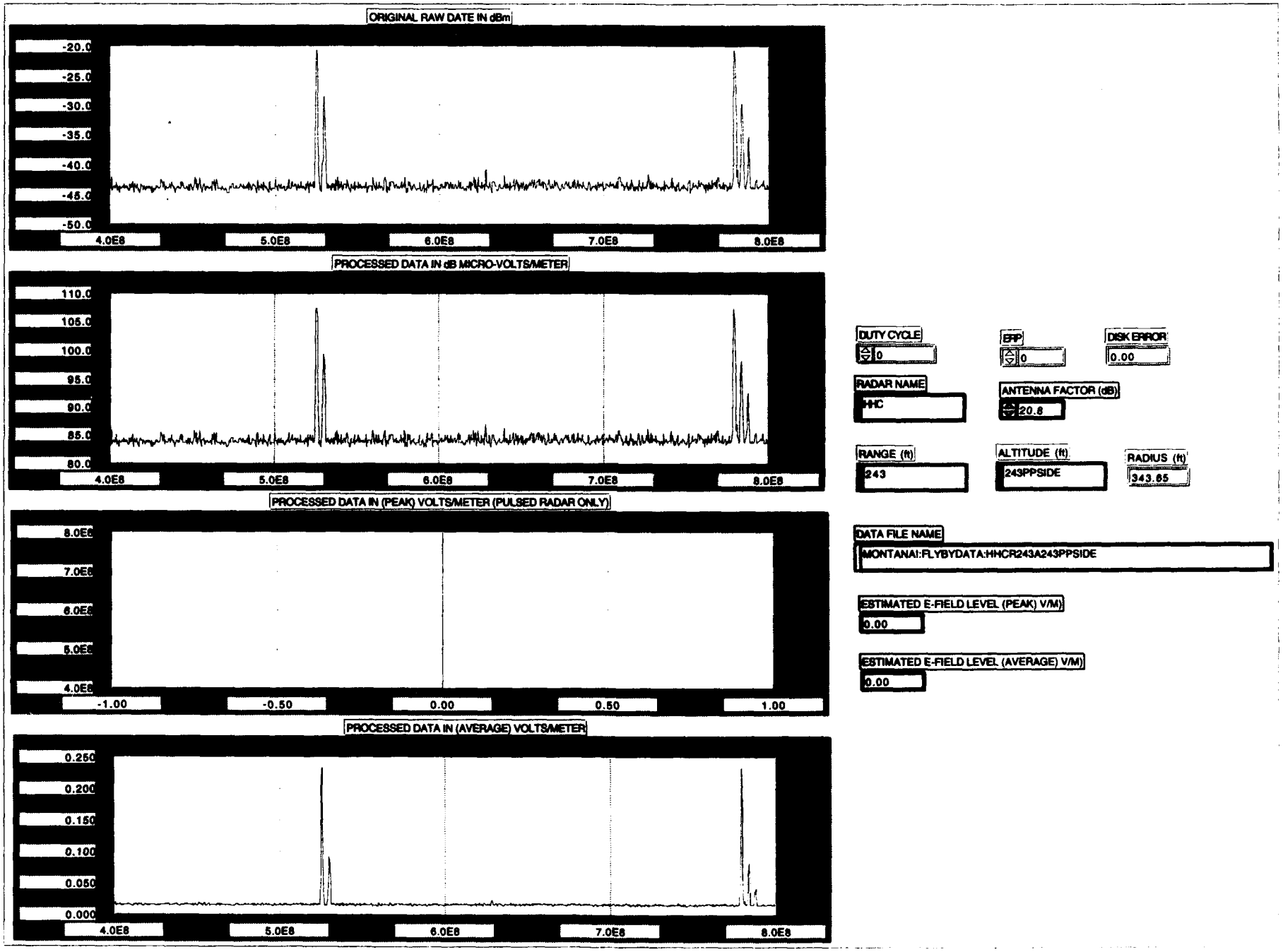
DATA FILE NAME: MONTANA1:FLYBYDATA:HHCR243A243HFFRONT

ESTIMATED E-FIELD LEVEL (PEAK) V/M: 0.00

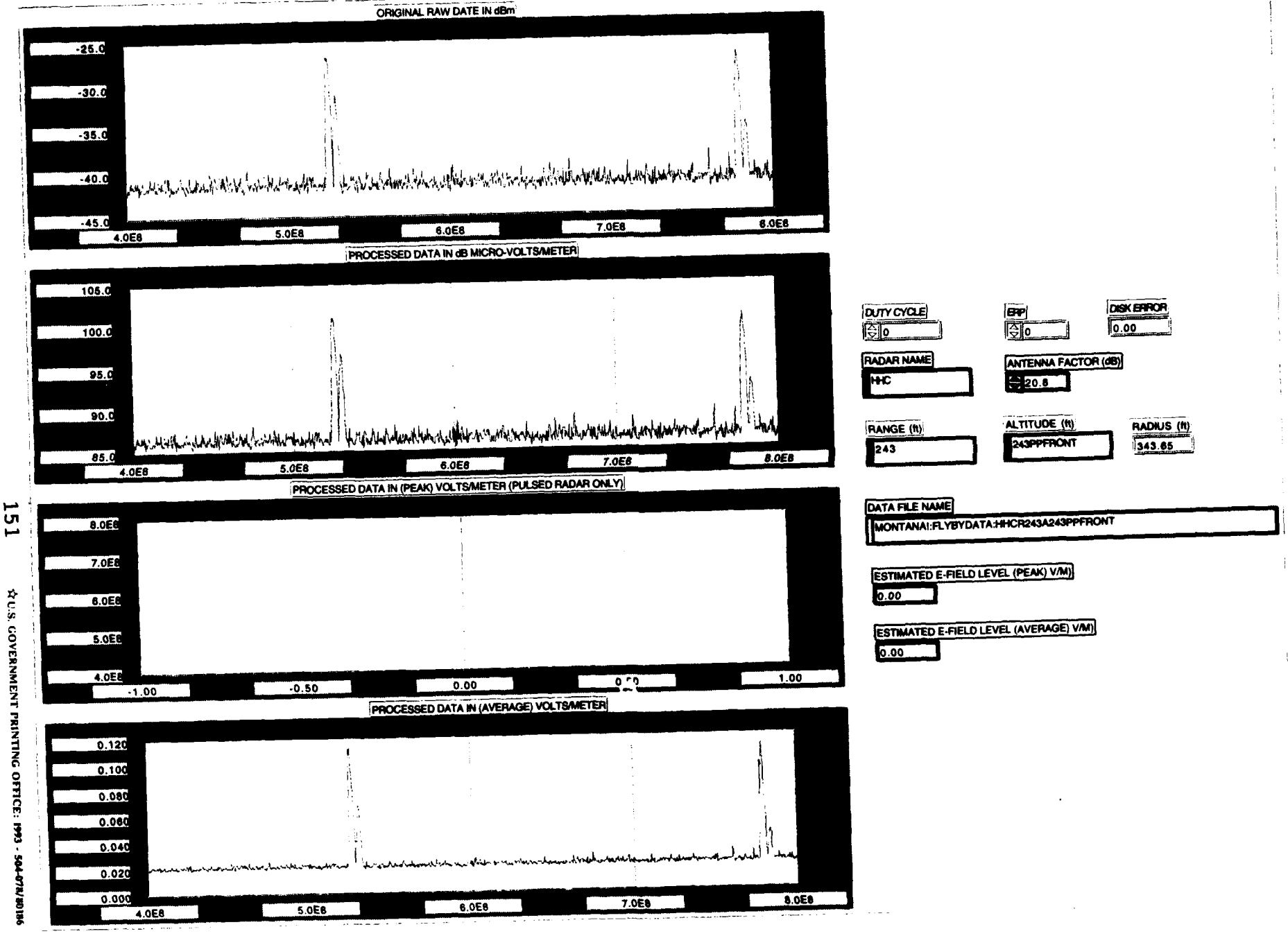
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M): 0.00


ORIGINAL RAW DATE IN dBm
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
110.0
105.0
100.0
95.0
90.0
85.0
80.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
8.0E8
7.0E8
6.0E8
5.0E8
4.0E8
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.300
0.250
0.200
0.150
0.100
0.050
0.000
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
20.8
RANGE (ft)
115
ALTITUDE (ft)
115PPSIDE
RADIUS (ft)
162.63
DATA FILE NAME
MONTANA!:FLYBYDATA:HHCR115A115PPSIDE
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00


ORIGINAL RAW DATE IN dBm
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
115.0
110.0
105.0
100.0
95.0
90.0
85.0
80.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
8.0E8
7.0E8
6.0E8
5.0E8
4.0E8
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.40
0.30
0.20
0.10
0.00
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
20.8
RANGE (ft)
115
ALTITUDE (ft)
115PPFRONT
RADIUS (ft)
162.63
DATA FILE NAME
MONTANA!:FLYBYDATA:HHCR115A115PPFRONT
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00


ORIGINAL RAW DATE IN dBm
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN dB MICRO-VOLTS/METER
110.0
105.0
100.0
95.0
90.0
85.0
80.0
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
PROCESSED DATA IN (PEAK) VOLTS/METER (PULSED RADAR ONLY)
8.0E0
7.0E0
6.0E0
5.0E0
4.0E0
-1.00
-0.50
0.00
0.50
1.00
PROCESSED DATA IN (AVERAGE) VOLTS/METER
0.250
0.200
0.150
0.100
0.050
0.000
4.0E8
5.0E8
6.0E8
7.0E8
8.0E8
DUTY CYCLE
0
ERP
0
DISK ERROR
0.00
RADAR NAME
HHC
ANTENNA FACTOR (dB)
20.8
RANGE (ft)
243
ALTITUDE (ft)
243PPSIDE
RADIUS (ft)
343.65
DATA FILE NAME
MONTANA1:FLYBYDATA:HHCR243A243PPSIDE
ESTIMATED E-FIELD LEVEL (PEAK) V/M)
0.00
ESTIMATED E-FIELD LEVEL (AVERAGE) V/M)
0.00

150



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