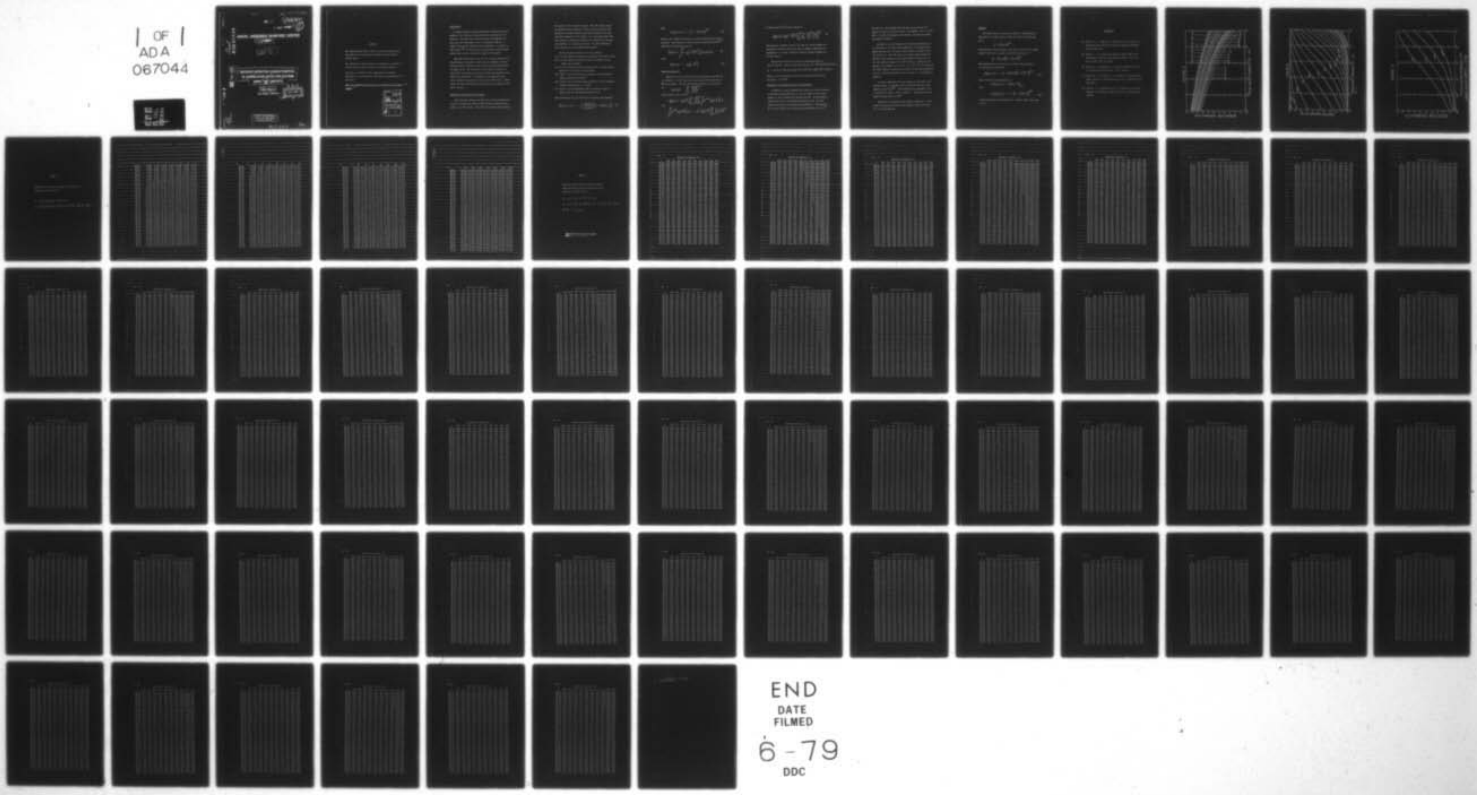
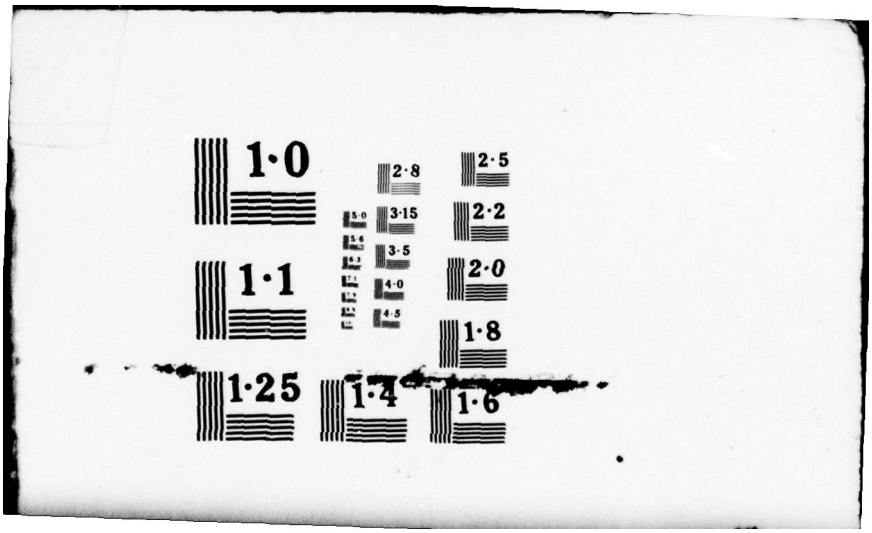
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RECEIVER OPERATING CHARACTERISTICS OF CORRELATION DETECTION SYSTEMS USING "OR" CIRCUITS

(10) by T.P. Norris

San Diego, California

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Foreword

This memorandum describes a portion of the work being done in Code 3180 for the New Submarine Sonar/Fire Control System Project Office.

The information contained herein is considered to be useful to various groups at NEL concerned with ASW system analysis.

The author is indebted to Mrs. Peggy Rogers of Computer Applications, Incorporated for the computer programming part of the effort.

~~Only limited distribution outside of the Laboratory is contemplated.~~

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Introduction

A common problem in large multichannel correlation detection systems is the reduction of the data rate at the output of the detectors. This data rate reduction should be accomplished in such a way that performance is not too adversely affected. A simple technique that satisfies this requirement is to employ an "OR" circuit.[1] An "OR" circuit is a multi-input, single-output device whose output is always the largest of the inputs.

The main problem here is not the "OR" circuits themselves but the performance of systems in which they are employed. The performance measure used here is the receiver operating characteristic (ROC) curves. The ROC curves are the family of curves obtained from the parametric equations of detection probability and false alarm probability. The parameters are signal-to-noise ratio, threshold and number of inputs to the "OR" circuit. These curves have been tabulated and are given in the two tables at the end of the memo.

Detection: Description and Performance

The correlation detection systems that we are concerned with consist of a bank of N linear correlators whose outputs are the inputs to an "OR" circuit. This "OR" circuit has a single output,

the largest of the correlator outputs. The "OR" circuit output is thresholded and a detection is said to have occurred if the threshold is exceeded during a time interval equal to the time resolution capability of the system. It is well known that this time interval is numerically equal to the reciprocal of the signal bandwidth, W, in cycles per second. We assume stationary, white, Gaussian noise and signal known exactly.

In the following analysis, we use the notation:

(a) N is the number of correlators and inputs to the "OR" circuit.

(b) β is the normalized threshold (ratio of threshold to rms output noise voltage).

(c) α is the normalized signal amplitude (ratic of output signal amplitude to rms output noise voltage).

(d) $D(\beta/\alpha, N)$ is the detection probability at the threshold output conditioned on α and N.

(e) $F(\beta/0, N)$ is the false alarm probability at the threshold output conditioned on $\alpha = 0$ and N.

(f) $Q(\beta/\alpha)$ is the probability that a correlator output is greater than the threshold conditioned on α.

The probabilities (d), (e) and (f) are related by (see Appendix)

$$D(\beta|\alpha, N) = 1 - \frac{1 - Q(\beta|\alpha)}{1 - Q(\beta|0)} \left[1 - F(\beta|0, N)\right] \quad (1)$$

where

$$F(\beta|0,N) = 1 - \left[1 - Q(\beta|0)\right]^N . \qquad (2)$$

Clearly, once $Q(\beta|\alpha)$ is given, the above expressions are readily evaluated. This function is the well-known Marcum Q function[2-4] (also Rice distribution) given by

$$Q(\beta|\alpha) = \int_{\beta}^{\infty} z \exp\left[-\frac{z^2+\alpha^2}{2}\right] I_0(\alpha z)\, dz \qquad (3)$$

where

$$Q(\beta|0) = \exp\left[-\frac{\beta^2}{2}\right] . \qquad (4)$$

Numerical Evaluation

Equations (1) and (2) above are easily evaluated, provided (3) is evaluated. In this section, we will show how the evaluation of Q was performed. The zero order Bessel function in (3) is given by

$$I_0(\alpha z) = \sum_{k=0}^{\infty} \frac{\left(\frac{\alpha z}{2}\right)^{2k}}{(k!)^2} .$$

Substituting in (3), we have

$$Q(\beta|\alpha) = \exp\left[-\frac{\alpha^2}{2}\right] \sum_{k=0}^{\infty} \frac{\left(\frac{\alpha}{2}\right)^{2k}}{(k!)^2} \int_{\beta}^{\infty} z^{2k+1} \exp\left[-\frac{z^2}{2}\right] dz .$$

But

$$\int_{\beta}^{\infty} z^{2k+1} \exp\left[-\frac{z^2}{2}\right] dz = -2^k \exp\left[-\frac{\beta^2}{2}\right] \sum_{i=0}^{k} \frac{k!}{i!} \left(\frac{\beta^2}{2}\right)^i$$

so that Marcum's Q function reduces to

$$Q(\beta|\alpha) = \exp\left[-\frac{\alpha^2+\beta^2}{2}\right]\sum_{k=0}^{\infty}\left[\sum_{\ell=0}^{k}\frac{\left(\frac{\beta^2}{2}\right)^{\ell}}{\ell!}\right]\frac{\left(\frac{\alpha^2}{2}\right)^{k}}{k!} \qquad (5)$$

This equation, together with (1), (2) and (4), are the primary expressions of interest and are all that is needed to determine the performance of a linear correlation detection system equipped with an "OR" circuit.

The numerical evaluation consists of generating tables of both (1) and (2). Table I is (2) evaluated for $N = 1(1)10(10)100(100)1000$,

$$F = 10^{-1}(-10^{-2})10^{-2}(-10^{-3})10^{-3}(-10^{-4})10^{-4}(-10^{-5})10^{-5}(-10^{-6})10^{-6}.$$

Table II is (1) evaluated for the same values of N and F and for $20 \log \alpha = 0(1)19$.

Discussion of the Tables and their Interpretation

In Table I, we have tabulated the threshold in dB as a function of the false alarm probability, F, and the number of "OR" circuit inputs, N. This threshold is computed from (2). We have printed values of $20 \log \beta$, the normalized threshold in dB. The left column of the table is the false alarm probability. The notation 7E - 03 for F means that the false alarm probability is 7×10^{-3}

for that row. The integers that head each column indicate the number of inputs to the "OR" circuit. For example, if $F = 7 \times 10^{-3}$ and $N = 5$, then the threshold is 11.185 dB. The data from Table I are plotted in Figure I.

In Table II, we have tabulated the detection probability, D, as a function of the false alarm probability, F, the peak output signal-to-noise ratio, $20 \log \alpha$ and the number of inputs to the "OR" circuit, N. The left column is the false alarm probability and the column headings are the output signal-to-noise ratio in dB. The number of inputs to the "OR" circuit, N, appears in the heading. For example, if $N = 20$, $F = 7 \times 10^{-3} = 7E - 03$, then when the output signal-to-noise ratio is 12dB, the detection probability is .551. The data from Table II for the case $N = 1$ are plotted in Figure II.

In order to determine the input signal-to-noise ratio, the processing gain, 10 log 2WT, must be subtracted from the output signal-to-noise ratio[5]. In the example just considered, for W = 100 Hz and $T = \frac{1}{2}$ sec., then 10 log 2WT = 20 dB and the input signal-to-noise ratio is -8 dB.

Figure III is a summary of the results in Table II. It consists of the ROC curves for a 12 dB signal-to-noise ratio when $N = 1, 10, 100$ and 1000.

Appendix

The object here is to derive (1) and (2). The probability that the N-1 no signal inputs to the "OR" circuit are less than β is

$$[1 - Q(\beta|0)]^{N-1} .$$

The probability that the input to the "OR" circuit from the signal channel and the N-1 no signal inputs are less than β is

$$[1 - Q(\beta|\alpha)][1 - Q(\beta|0)]^{N-1} .$$

The probability that at least one of these N inputs exceeds β is the detection probability.

$$D(\beta|\alpha, N) = 1 - [1 - Q(\beta|\alpha)][1 - Q(\beta|0)]^{N-1} . \quad (1A)$$

Since the false alarm probability is

$$F(\beta|0, N) = D(\beta|\alpha, N)\Big|_{\alpha=0}$$

then

$$F(\beta|0, N) = 1 - [1 - Q(\beta|0)]^{N} . \quad (2A)$$

Substituting (2A) into (1A) gives (1). Further, (2A) is the same as (2).

References

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(3) Lawson, J. L., Uhlenbeck, G. E., Threshold Signals, Section 7.5, 1950, McGraw-Hill Book Co., Inc., New York

(4) Wainstein, L. H., Zubakov, V. D., Extraction of Signals from Noise, Section 33, 1962, Prentice-Hall, Inc., Englewood Cliff, New Jersey

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FIGURE I

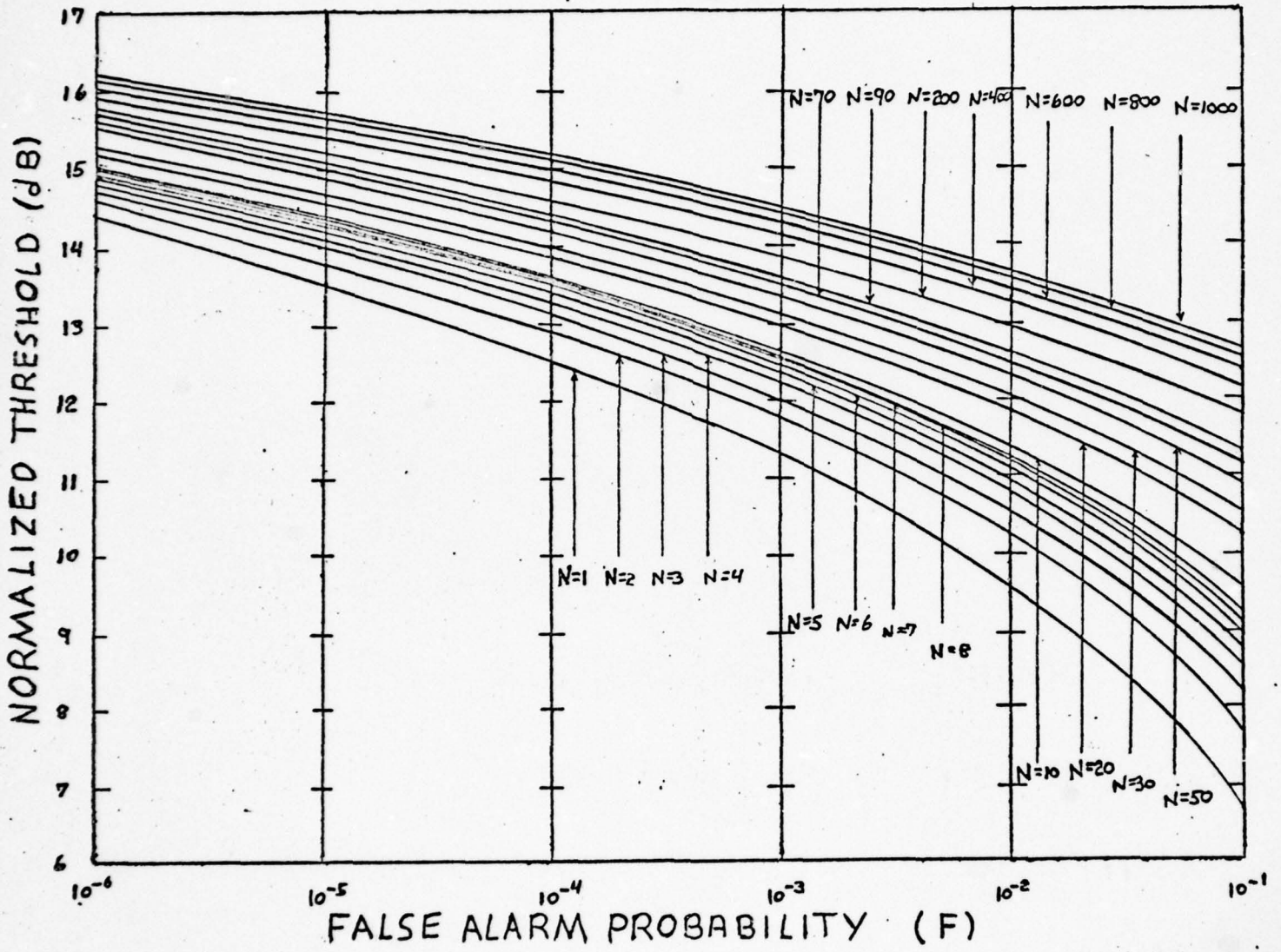
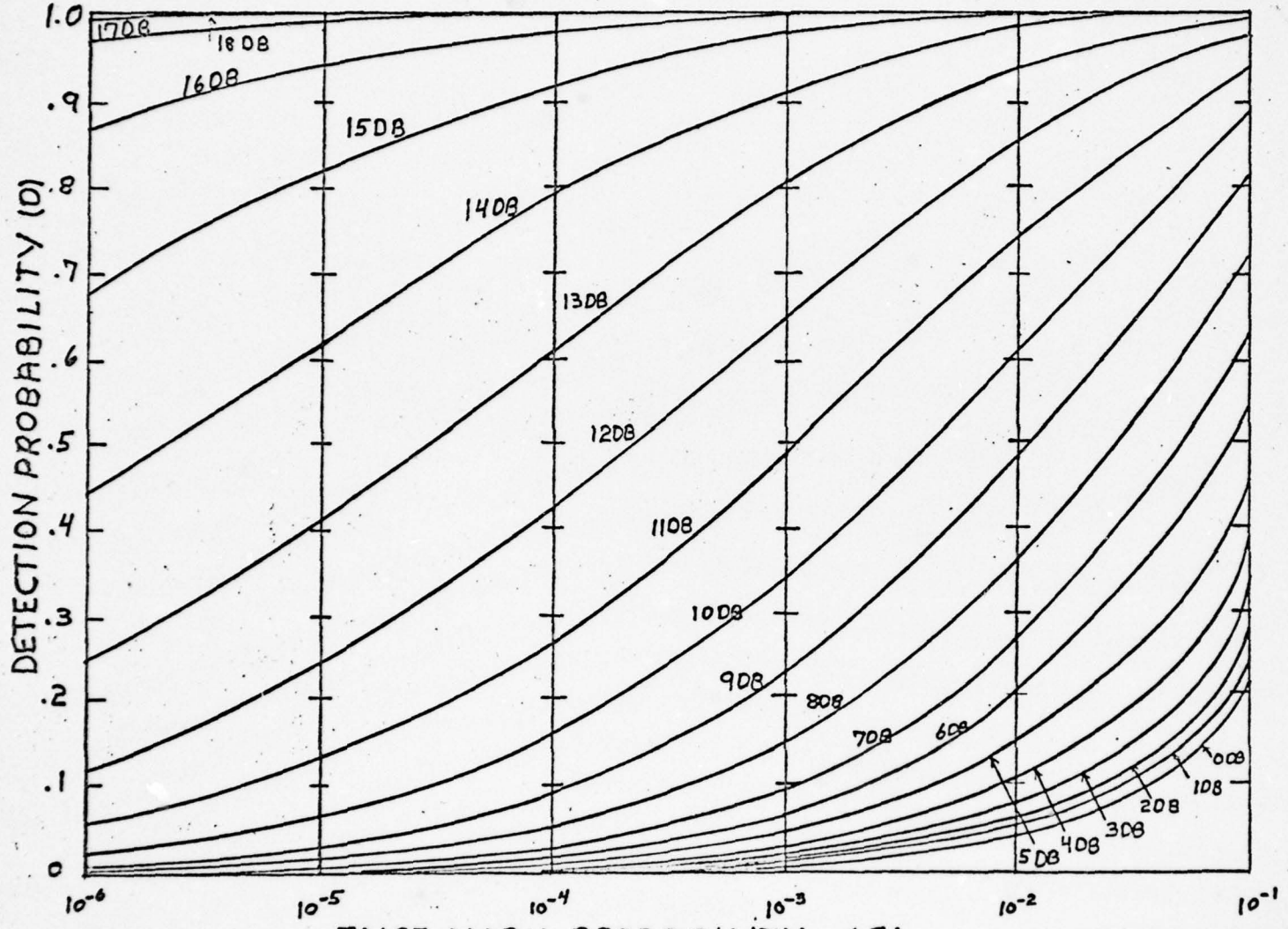
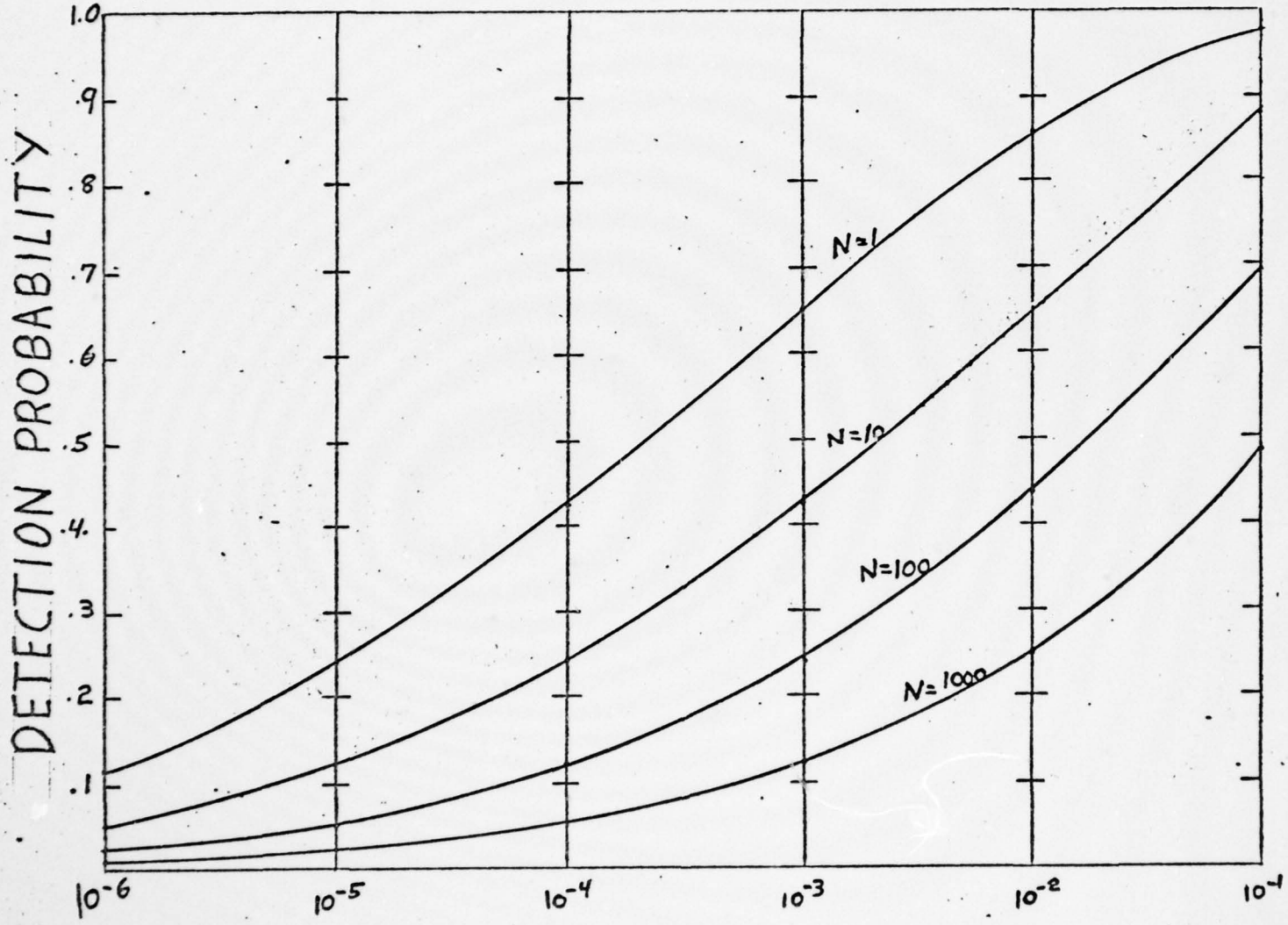

NORMALIZED THRESHOLD (dB)
17
16
15
14
13
12
11
10
9
8
7
6
N=70 N=90 N=200 N=400 N=600 N=800 N=1000
N=1 N=2 N=3 N=4
N=5 N=6 N=7
N=8
N=10 N=20 N=30 N=50
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
FALSE ALARM PROBABILITY (F)

FIGURE II


DETECTION PROBABILITY (D)
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
0
17DB
18 DB
16DB
15DB
14DB
13DB
12DB
11DB
10DB
9DB
8DB
7DB
6DB
5DB
4DB
3DB
2DB
1DB
0DB
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
FALSE ALARM PROBABILITY (F)

N = 1

FIGURE 3



SIGNAL NOISE RATIO 12 Db

Table I

Thresholds as a Function of False Alarm Probability and Number of "OR" Circuits.

N = $1(1)10(10)100(100)1000$

F = $10^{-1}(-10^{-2})10^{-2}(-10^{-3})10^{-3}(-10^{-4})10^{-4}(-10^{-5})10^{-5}(-10^{-6})10^{-6}$

F	N	1	2	3	4	5	6	7
1E-01		6.632	7.737	8.282	8.633	8.888	9.086	9.247
9E-02		6.827	7.893	8.420	8.761	9.009	9.202	9.359
8E-02		7.034	8.059	8.569	8.900	9.140	9.328	9.480
7E-02		7.258	8.241	8.732	9.051	9.284	9.466	9.614
6E-02		7.503	8.440	8.912	9.219	9.443	9.619	9.762
5E-02		7.775	8.664	9.114	9.408	9.623	9.792	9.930
4E-02		8.087	8.923	9.349	9.628	9.834	9.995	10.126
3E-02		8.459	9.235	9.633	9.896	10.089	10.241	10.366
2E-02		8.934	9.638	10.003	10.245	10.424	10.566	10.681
1E-02		9.643	10.250	10.569	10.783	10.942	11.057	11.171
9E-03		9.741	10.335	10.649	10.859	11.015	11.138	11.240
8E-03		9.848	10.429	10.737	10.942	11.095	11.217	11.317
7E-03		9.967	10.533	10.834	11.035	11.185	11.304	11.402
6E-03		10.100	10.650	10.943	11.139	11.286	11.402	11.498
5E-03		10.252	10.785	11.069	11.260	11.402	11.516	11.609
4E-03		10.431	10.944	11.218	11.403	11.541	11.650	11.741
3E-03		10.651	11.140	11.403	11.580	11.713	11.818	11.905
2E-03		10.944	11.403	11.651	11.819	11.944	12.044	12.127
1E-03		11.404	11.819	12.044	12.198	12.313	12.405	12.481
9E-04		11.469	11.879	12.101	12.253	12.366	12.457	12.533
8E-04		11.542	11.945	12.164	12.313	12.425	12.515	12.589
7E-04		11.622	12.018	12.234	12.381	12.491	12.580	12.653
6E-04		11.714	12.101	12.313	12.457	12.566	12.653	12.725
5E-04		11.819	12.198	12.405	12.546	12.653	12.738	12.809
4E-04		11.945	12.313	12.515	12.653	12.757	12.840	12.909
3E-04		12.101	12.457	12.653	12.787	12.887	12.968	13.035
2E-04		12.313	12.653	12.840	12.968	13.065	13.142	13.207
1E-04		12.653	12.968	13.142	13.262	13.352	13.425	13.485
9E-05		12.702	13.014	13.187	13.305	13.395	13.466	13.526
8E-05		12.757	13.065	13.235	13.352	13.441	13.512	13.571
7E-05		12.818	13.122	13.290	13.406	13.493	13.564	13.622
6E-05		12.887	13.187	13.352	13.466	13.553	13.622	13.680
5E-05		12.968	13.262	13.425	13.537	13.622	13.690	13.747
4E-05		13.065	13.352	13.512	13.622	13.706	13.772	13.828
3E-05		13.187	13.466	13.622	13.729	13.811	13.876	13.931
2E-05		13.352	13.622	13.772	13.876	13.955	14.018	14.071
1E-05		13.622	13.876	14.018	14.116	14.190	14.250	14.300
9E-06		13.662	13.913	14.054	14.151	14.225	14.285	14.334
8E-06		13.706	13.955	14.094	14.190	14.264	14.323	14.372
7E-06		13.755	14.001	14.139	14.234	14.307	14.365	14.414
6E-06		13.811	14.054	14.190	14.285	14.356	14.414	14.462
5E-06		13.876	14.116	14.250	14.343	14.414	14.471	14.518
4E-06		13.955	14.190	14.323	14.414	14.484	14.540	14.586
3E-06		14.054	14.285	14.414	14.503	14.572	14.627	14.672
2E-06		14.190	14.414	14.540	14.627	14.693	14.746	14.791
1E-06		14.414	14.627	14.746	14.829	14.893	14.944	14.986

F	N	8	9	10	20	30	40	50
1E-01		9,382	9,497	9.598	10.211	10.533	10,749	10.909
9E-02		9,490	9,603	9,702	10.301	10,617	10,829	10,986
8E-02		9,608	9,718	9.815	10.400	10.709	10,916	11.070
7E-02		9,738	9,845	9,938	10,508	10,810	11,013	11,163
6E-02		9,882	9,985	10.076	10,630	10,924	11,121	11,268
5E-02		10,046	10,145	10,233	10,768	11,053	11,245	11,388
4E-02		10,237	10,333	10,416	10,931	11,206	11,391	11,530
3E-02		10,471	10,562	10,641	11,131	11,394	11,572	11,705
2E-02		10,779	10,864	10,938	11,398	11,646	11,813	11,939
1E-02		11,258	11,334	11,401	11,816	12,042	12,195	12,311
9E-03		11,326	11,401	11,467	11,876	12,099	12,251	12,364
8E-03		11,401	11,475	11,540	11,942	12,162	12,311	12,424
7E-03		11,485	11,557	11,620	12,016	12,232	12,379	12,490
6E-03		11,579	11,650	11,712	12,100	12,312	12,456	12,565
5E-03		11,688	11,757	11,818	12,197	12,404	12,545	12,652
4E-03		11,818	11,885	11,944	12,312	12,514	12,652	12,756
3E-03		11,980	12,044	12,101	12,457	12,652	12,786	12,887
2E-03		12,198	12,259	12,313	12,653	12,840	12,968	13,065
1E-03		12,546	12,603	12,653	12,968	13,142	13,262	13,352
9E-04		12,597	12,653	12,702	13,014	13,186	13,305	13,394
8E-04		12,653	12,708	12,757	13,065	13,235	13,352	13,441
7E-04		12,715	12,770	12,818	13,122	13,290	13,406	13,493
6E-04		12,787	12,840	12,887	13,186	13,352	13,466	13,553
5E-04		12,869	12,922	12,968	13,262	13,425	13,537	13,622
4E-04		12,968	13,019	13,065	13,352	13,512	13,622	13,705
3E-04		13,092	13,142	13,187	13,466	13,622	13,729	13,811
2E-04		13,262	13,310	13,352	13,622	13,772	13,876	13,955
1E-04		13,537	13,582	13,622	13,876	14,018	14,116	14,190
9E-05		13,577	13,622	13,662	13,913	14,054	14,151	14,225
8E-05		13,622	13,666	13,706	13,955	14,094	14,190	14,264
7E-05		13,672	13,716	13,755	14,001	14,139	14,234	14,307
6E-05		13,729	13,772	13,811	14,054	14,190	14,285	14,356
5E-05		13,796	13,838	13,876	14,116	14,250	14,343	14,414
4E-05		13,876	13,918	13,955	14,190	14,323	14,414	14,484
3E-05		13,977	14,018	14,054	14,285	14,414	14,503	14,572
2E-05		14,116	14,155	14,190	14,414	14,540	14,627	14,693
1E-05		14,343	14,381	14,414	14,627	14,746	14,829	14,893
9E-06		14,377	14,414	14,447	14,658	14,777	14,859	14,922
8E-06		14,414	14,451	14,484	14,693	14,811	14,893	14,955
7E-06		14,456	14,492	14,525	14,732	14,849	14,930	14,992
6E-06		14,503	14,540	14,572	14,777	14,893	14,973	15,034
5E-06		14,559	14,595	14,627	14,829	14,944	15,023	15,083
4E-06		14,627	14,662	14,693	14,893	15,005	15,083	15,143
3E-06		14,712	14,746	14,777	14,973	15,083	15,160	15,219
2E-06		14,829	14,863	14,893	15,083	15,191	15,266	15,324
1E-06		15,023	15,055	15,083	15,266	15,370	15,442	15,497

F	N	60	70	80	90	100	200	300
1E-01		11.035	11.139	11.227	11.304	11.371	11.789	12.016
9E-02		11.110	11.213	11.299	11.374	11.441	11.852	12.076
8E-02		11.192	11.293	11.378	11.452	11.517	11.922	12.142
7E-02		11.283	11.381	11.465	11.537	11.601	11.998	12.215
6E-02		11.385	11.481	11.562	11.633	11.696	12.085	12.298
5E-02		11.501	11.595	11.675	11.744	11.804	12.185	12.393
4E-02		11.639	11.730	11.807	11.874	11.933	12.303	12.505
3E-02		11.810	11.898	11.972	12.036	12.093	12.450	12.646
2E-02		12.039	12.122	12.193	12.254	12.308	12.648	12.836
1E-02		12.403	12.479	12.544	12.601	12.651	12.966	13.140
9E-03		12.455	12.531	12.595	12.651	12.700	13.012	13.185
8E-03		12.513	12.588	12.651	12.706	12.755	13.063	13.234
7E-03		12.578	12.651	12.714	12.768	12.816	13.120	13.289
6E-03		12.652	12.724	12.785	12.839	12.886	13.185	13.351
5E-03		12.737	12.808	12.868	12.921	12.967	13.261	13.424
4E-03		12.839	12.908	12.967	13.019	13.064	13.352	13.511
3E-03		12.968	13.035	13.092	13.142	13.186	13.466	13.622
2E-03		13.142	13.206	13.262	13.310	13.352	13.622	13.772
1E-03		13.425	13.485	13.537	13.582	13.622	13.876	14.018
9E-04		13.466	13.526	13.577	13.622	13.662	13.913	14.054
8E-04		13.512	13.571	13.622	13.666	13.705	13.955	14.094
7E-04		13.563	13.622	13.672	13.716	13.755	14.001	14.139
6E-04		13.622	13.680	13.729	13.772	13.811	14.054	14.190
5E-04		13.690	13.747	13.796	13.838	13.876	14.116	14.250
4E-04		13.772	13.828	13.876	13.918	13.955	14.190	14.323
3E-04		13.876	13.931	13.977	14.018	14.054	14.285	14.414
2E-04		14.018	14.071	14.116	14.155	14.190	14.414	14.540
1E-04		14.250	14.300	14.343	14.381	14.414	14.627	14.746
9E-05		14.285	14.334	14.377	14.414	14.447	14.658	14.777
8E-05		14.323	14.372	14.414	14.451	14.484	14.693	14.811
7E-05		14.365	14.414	14.456	14.492	14.525	14.732	14.849
6E-05		14.414	14.462	14.503	14.540	14.572	14.777	14.893
5E-05		14.471	14.518	14.559	14.595	14.627	14.829	14.944
4E-05		14.540	14.586	14.627	14.662	14.693	14.893	15.005
3E-05		14.627	14.672	14.712	14.746	14.777	14.973	15.083
2E-05		14.746	14.791	14.829	14.863	14.893	15.083	15.191
1E-05		14.944	14.986	15.023	15.055	15.083	15.266	15.370
9E-06		14.973	15.015	15.052	15.083	15.112	15.293	15.396
8E-06		15.005	15.047	15.083	15.115	15.143	15.324	15.426
7E-06		15.042	15.083	15.119	15.151	15.178	15.357	15.459
6E-06		15.083	15.125	15.160	15.191	15.219	15.396	15.497
5E-06		15.132	15.173	15.208	15.239	15.266	15.442	15.541
4E-06		15.191	15.232	15.266	15.297	15.324	15.497	15.595
3E-06		15.266	15.306	15.340	15.370	15.396	15.567	15.663
2E-06		15.370	15.409	15.442	15.471	15.497	15.663	15.758
1E-06		15.541	15.578	15.610	15.638	15.663	15.824	15.915

F	N	400	500	600	700	800	900	1000
1E-01		12.171	12.287	12.379	12.456	12.521	12.578	12.628
9E-02		12.229	12.343	12.434	12.510	12.575	12.631	12.681
8E-02		12.292	12.405	12.495	12.570	12.634	12.689	12.738
7E-02		12.363	12.474	12.562	12.636	12.699	12.753	12.802
6E-02		12.442	12.551	12.639	12.711	12.773	12.826	12.874
5E-02		12.534	12.641	12.726	12.797	12.858	12.910	12.957
4E-02		12.643	12.748	12.831	12.900	12.959	13.011	13.056
3E-02		12.780	12.881	12.962	13.029	13.086	13.136	13.180
2E-02		12.964	13.061	13.138	13.203	13.258	13.306	13.348
1E-02		13.260	13.350	13.423	13.484	13.535	13.580	13.620
9E-03		13.303	13.393	13.465	13.525	13.576	13.620	13.660
8E-03		13.351	13.440	13.511	13.570	13.621	13.665	13.704
7E-03		13.404	13.492	13.562	13.621	13.671	13.715	13.753
6E-03		13.465	13.552	13.621	13.679	13.728	13.771	13.810
5E-03		13.536	13.621	13.689	13.746	13.795	13.838	13.875
4E-03		13.621	13.705	13.772	13.828	13.875	13.917	13.954
3E-03		13.729	13.810	13.876	13.930	13.977	14.017	14.054
2E-03		13.876	13.954	14.018	14.070	14.116	14.155	14.190
1E-03		14.116	14.190	14.250	14.300	14.343	14.381	14.414
9E-04		14.151	14.225	14.284	14.334	14.377	14.414	14.447
8E-04		14.190	14.264	14.322	14.372	14.414	14.451	14.483
7E-04		14.234	14.307	14.365	14.414	14.456	14.492	14.525
6E-04		14.285	14.356	14.414	14.462	14.503	14.540	14.572
5E-04		14.343	14.414	14.471	14.518	14.559	14.595	14.626
4E-04		14.414	14.483	14.540	14.586	14.627	14.662	14.693
3E-04		14.503	14.572	14.627	14.672	14.712	14.746	14.777
2E-04		14.627	14.693	14.746	14.791	14.829	14.863	14.893
1E-04		14.829	14.893	14.944	14.986	15.023	15.055	15.083
9E-05		14.859	14.922	14.973	15.015	15.052	15.083	15.112
8E-05		14.893	14.955	15.005	15.047	15.083	15.115	15.143
7E-05		14.930	14.992	15.042	15.083	15.119	15.151	15.178
6E-05		14.973	15.034	15.083	15.125	15.160	15.191	15.219
5E-05		15.023	15.083	15.132	15.173	15.208	15.239	15.266
4E-05		15.083	15.143	15.191	15.232	15.266	15.297	15.324
3E-05		15.160	15.219	15.266	15.306	15.340	15.370	15.396
2E-05		15.266	15.324	15.370	15.409	15.442	15.471	15.497
1E-05		15.442	15.497	15.541	15.578	15.610	15.638	15.663
9E-06		15.468	15.523	15.567	15.604	15.635	15.663	15.688
8E-06		15.497	15.551	15.595	15.632	15.663	15.691	15.716
7E-06		15.529	15.583	15.627	15.663	15.695	15.722	15.747
6E-06		15.567	15.620	15.663	15.700	15.731	15.758	15.782
5E-06		15.610	15.663	15.706	15.742	15.773	15.800	15.824
4E-06		15.663	15.716	15.758	15.793	15.824	15.850	15.874
3E-06		15.731	15.782	15.824	15.859	15.889	15.915	15.938
2E-06		15.824	15.874	15.915	15.949	15.978	16.004	16.027
1E-06		15.978	16.027	16.066	16.099	16.128	16.153	16.175

Table II

Detection Probability as a Function of False Alarm Probability, Signal-to-Noise Ratio and the Number of "OR" Circuits.

$N = 1\ (1)\ 10\ (10)\ 100\ (100)\ 1000$

$F = 10^{-1}(-10^{-2})10^{-2}(-10^{-3})10^{-3}(-10^{-4})10^{-4}(-10^{-5})10^{-5}(-10^{-6})10^{-6}$

$20 \log \alpha = 0\ (1)\ 19$

THIS PAGE IS BEST QUALITY PRACTICABLE
FROM COPY FURNISHED TO DDC

N= 1

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.218	.248	.287	.334	.392	.461	.541	.629	.722	.811
9E-02	.202	.232	.269	.315	.372	.440	.520	.610	.705	.797
8E-02	.186	.214	.250	.295	.350	.418	.497	.588	.685	.781
7E-02	.169	.196	.230	.273	.327	.393	.473	.564	.663	.762
6E-02	.151	.177	.209	.250	.302	.367	.445	.536	.637	.740
5E-02	.133	.156	.186	.225	.275	.337	.414	.505	.607	.714
4E-02	.113	.134	.162	.197	.244	.303	.377	.467	.571	.682
3E-02	.091	.110	.134	.166	.209	.264	.334	.421	.525	.640
2E-02	.068	.083	.103	.130	.166	.215	.279	.362	.463	.581
1E-02	.040	.051	.065	.084	.112	.150	.203	.274	.368	.483
9E-03	.037	.047	.060	.079	.105	.142	.193	.262	.354	.469
8E-03	.034	.043	.056	.073	.098	.133	.182	.250	.340	.453
7E-03	.031	.039	.051	.067	.090	.124	.171	.236	.324	.436
6E-03	.027	.035	.046	.061	.082	.114	.158	.221	.306	.417
5E-03	.024	.031	.040	.054	.074	.103	.144	.204	.286	.394
4E-03	.020	.026	.034	.047	.064	.091	.129	.185	.263	.367
3E-03	.016	.021	.028	.039	.054	.077	.111	.162	.235	.335
2E-03	.012	.016	.021	.029	.042	.061	.090	.134	.200	.292
1E-03	.007	.009	.013	.018	.027	.041	.062	.096	.149	.229
9E-04	.006	.009	.012	.017	.025	.038	.059	.091	.143	.220
8E-04	.006	.008	.011	.016	.023	.036	.055	.086	.136	.211
7E-04	.005	.007	.010	.014	.021	.033	.051	.081	.128	.201
6E-04	.005	.006	.009	.013	.019	.030	.047	.075	.119	.189
5E-04	.004	.005	.008	.011	.017	.027	.042	.068	.110	.177
4E-04	.003	.005	.007	.010	.015	.023	.037	.061	.100	.162
3E-04	.003	.004	.005	.008	.012	.020	.032	.052	.087	.145
2E-04	.002	.003	.004	.006	.009	.015	.025	.042	.072	.123
1E-04	.001	.002	.002	.004	.006	.010	.017	.029	.052	.092
9E-05	.001	.001	.002	.003	.005	.009	.016	.028	.049	.088
8E-05	.001	.001	.002	.003	.005	.008	.015	.026	.046	.084
7E-05	.001	.001	.002	.003	.005	.008	.014	.024	.044	.079
6E-05	.001	.001	.002	.003	.004	.007	.012	.022	.040	.074
5E-05	.001	.001	.001	.002	.004	.006	.011	.020	.037	.068
4E-05	.001	.001	.001	.002	.003	.005	.010	.018	.033	.062
3E-05	.000	.001	.001	.002	.003	.004	.008	.015	.028	.054
2E-05	.000	.000	.001	.001	.002	.003	.006	.012	.023	.045
1E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
9E-06	.000	.000	.000	.001	.001	.002	.004	.008	.015	.031
8E-06	.000	.000	.000	.001	.001	.002	.004	.007	.014	.029
7E-06	.000	.000	.000	.001	.001	.002	.003	.006	.013	.027
6E-06	.000	.000	.000	.000	.001	.002	.003	.006	.012	.026
5E-06	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
4E-06	.000	.000	.000	.000	.001	.001	.002	.005	.010	.021
3E-06	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
2E-06	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
1E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010

FORM 1413-U Continuous Interfold by Moore Business Forms, Inc.

N= 1

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.887	.944	.978	.993	.9991	.0001	.0001	.0001	.0001	.000
9E-02	.877	.938	.975	.992	.9981	.0001	.0001	.0001	.0001	.000
8E-02	.866	.931	.971	.991	.9981	.0001	.0001	.0001	.0001	.000
7E-02	.852	.922	.967	.990	.9981	.0001	.0001	.0001	.0001	.000
6E-02	.836	.912	.962	.988	.9971	.0001	.0001	.0001	.0001	.000
5E-02	.815	.898	.955	.985	.9971	.0001	.0001	.0001	.0001	.000
4E-02	.790	.881	.945	.981	.996	.9991	.0001	.0001	.0001	.000
3E-02	.755	.857	.932	.975	.994	.9991	.0001	.0001	.0001	.000
2E-02	.704	.819	.909	.965	.991	.9981	.0001	.0001	.0001	.000
1E-02	.615	.748	.863	.942	.982	.9971	.0001	.0001	.0001	.000
9E-03	.601	.737	.855	.937	.981	.9961	.0001	.0001	.0001	.000
8E-03	.586	.724	.846	.932	.979	.9961	.0001	.0001	.0001	.000
7E-03	.569	.709	.835	.927	.977	.995	.9991	.0001	.0001	.000
6E-03	.549	.691	.822	.919	.974	.994	.9991	.0001	.0001	.000
5E-03	.526	.671	.807	.910	.970	.994	.9991	.0001	.0001	.000
4E-03	.498	.645	.787	.899	.965	.992	.9991	.0001	.0001	.000
3E-03	.464	.612	.761	.882	.958	.990	.9991	.0001	.0001	.000
2E-03	.416	.566	.723	.857	.946	.986	.9981	.0001	.0001	.000
1E-03	.342	.488	.654	.809	.921	.978	.9961	.0001	.0001	.000
9E-04	.332	.477	.643	.801	.917	.977	.9961	.0001	.0001	.000
8E-04	.320	.464	.631	.792	.912	.975	.9961	.0001	.0001	.000
7E-04	.307	.450	.618	.782	.906	.973	.9951	.0001	.0001	.000
6E-04	.293	.434	.602	.769	.899	.970	.9951	.0001	.0001	.000
5E-04	.277	.415	.583	.755	.890	.966	.994	.9991	.0001	.000
4E-04	.258	.393	.561	.736	.879	.962	.993	.9991	.0001	.000
3E-04	.235	.365	.532	.712	.863	.956	.991	.9991	.0001	.000
2E-04	.205	.327	.491	.676	.840	.945	.989	.9991	.0001	.000
1E-04	.160	.269	.425	.614	.796	.924	.983	.9981	.0001	.000
9E-05	.154	.261	.415	.605	.789	.921	.982	.9981	.0001	.000
8E-05	.148	.252	.405	.594	.781	.916	.980	.9981	.0001	.000
7E-05	.141	.243	.393	.582	.772	.912	.979	.9971	.0001	.000
6E-05	.133	.232	.379	.568	.761	.906	.977	.9971	.0001	.000
5E-05	.124	.219	.363	.551	.748	.899	.975	.9971	.0001	.000
4E-05	.114	.204	.345	.531	.732	.889	.971	.9961	.0001	.000
3E-05	.102	.187	.321	.506	.710	.877	.967	.9951	.0001	.000
2E-05	.087	.164	.290	.470	.679	.858	.960	.9941	.0001	.000
1E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
9E-06	.063	.125	.234	.403	.616	.816	.943	.990	.9991	.000
8E-06	.060	.120	.227	.394	.606	.809	.940	.990	.9991	.000
7E-06	.057	.114	.219	.383	.595	.802	.937	.989	.9991	.000
6E-06	.053	.108	.209	.371	.583	.793	.933	.988	.9991	.000
5E-06	.049	.102	.199	.357	.568	.782	.928	.987	.9991	.000
4E-06	.045	.094	.186	.340	.550	.768	.921	.985	.9991	.000
3E-06	.040	.084	.171	.319	.527	.750	.912	.983	.9991	.000
2E-06	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
1E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000

FORM 1413-U Continuous Interfold 20 Model Business Forms, Inc.

N= 2

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.180	.202	.231	.268	.315	.375	.448	.534	.631	.733
9E-02	.165	.187	.215	.251	.297	.355	.428	.514	.612	.716
8E-02	.151	.171	.198	.233	.277	.335	.406	.492	.592	.698
7E-02	.136	.155	.180	.213	.257	.312	.382	.468	.568	.677
6E-02	.120	.138	.162	.193	.234	.288	.356	.441	.542	.653
5E-02	.104	.120	.142	.172	.210	.262	.328	.411	.511	.625
4E-02	.087	.102	.122	.148	.184	.232	.295	.376	.476	.590
3E-02	.069	.082	.099	.123	.155	.199	.257	.335	.432	.547
2E-02	.050	.060	.074	.094	.121	.159	.211	.282	.375	.489
1E-02	.029	.036	.045	.059	.079	.107	.149	.208	.290	.397
9E-03	.026	.033	.042	.055	.074	.101	.141	.198	.278	.384
8E-03	.024	.030	.038	.050	.068	.094	.133	.188	.266	.370
7E-03	.022	.027	.035	.046	.063	.087	.124	.177	.252	.355
6E-03	.019	.024	.031	.041	.057	.080	.114	.165	.237	.337
5E-03	.016	.021	.027	.037	.051	.072	.104	.151	.220	.317
4E-03	.014	.018	.023	.031	.044	.063	.092	.136	.201	.294
3E-03	.011	.014	.019	.026	.036	.053	.079	.118	.179	.266
2E-03	.008	.010	.014	.019	.028	.042	.063	.097	.150	.230
1E-03	.004	.006	.008	.012	.018	.027	.043	.069	.111	.177
9E-04	.004	.005	.008	.011	.017	.025	.040	.065	.105	.170
8E-04	.004	.005	.007	.010	.015	.024	.038	.061	.100	.162
7E-04	.003	.005	.006	.009	.014	.022	.035	.057	.094	.154
6E-04	.003	.004	.006	.008	.013	.020	.032	.053	.088	.145
5E-04	.003	.003	.005	.007	.011	.018	.029	.048	.080	.135
4E-04	.002	.003	.004	.006	.010	.015	.025	.043	.072	.123
3E-04	.002	.002	.003	.005	.008	.013	.021	.037	.063	.109
2E-04	.001	.002	.002	.004	.006	.010	.017	.029	.052	.092
1E-04	.001	.001	.001	.002	.004	.006	.011	.020	.037	.068
9E-05	.001	.001	.001	.002	.003	.006	.010	.019	.035	.065
8E-05	.001	.001	.001	.002	.003	.005	.010	.018	.033	.062
7E-05	.001	.001	.001	.002	.003	.005	.009	.016	.031	.058
6E-05	.000	.001	.001	.002	.003	.005	.008	.015	.028	.054
5E-05	.000	.001	.001	.001	.002	.004	.007	.014	.026	.050
4E-05	.000	.000	.001	.001	.002	.003	.006	.012	.023	.045
3E-05	.000	.000	.001	.001	.002	.003	.005	.010	.020	.039
2E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
1E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
9E-06	.000	.000	.000	.000	.001	.001	.002	.005	.010	.022
8E-06	.000	.000	.000	.000	.001	.001	.002	.005	.010	.021
7E-06	.000	.000	.000	.000	.001	.001	.002	.004	.009	.020
6E-06	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
5E-06	.000	.000	.000	.000	.000	.001	.002	.004	.008	.017
4E-06	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
3E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
2E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
1E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007

Continuous interfold by Moore Business Forms, Inc.

N= 2

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.828	.905	.958	.986	.9971	.0001	.0001	.0001	.0001	.000
9E-02	.815	.897	.954	.984	.996	.9991	.0001	.0001	.0001	.000
8E-02	.801	.887	.949	.982	.996	.9991	.0001	.0001	.0001	.000
7E-02	.784	.876	.942	.980	.995	.9991	.0001	.0001	.0001	.000
6E-02	.764	.862	.935	.976	.994	.9991	.0001	.0001	.0001	.000
5E-02	.741	.845	.925	.972	.993	.9991	.0001	.0001	.0001	.000
4E-02	.711	.824	.912	.966	.991	.9981	.0001	.0001	.0001	.000
3E-02	.673	.794	.893	.957	.988	.9981	.0001	.0001	.0001	.000
2E-02	.619	.751	.864	.942	.983	.9971	.0001	.0001	.0001	.000
1E-02	.529	.673	.808	.911	.970	.994	.9991	.0001	.0001	.000
9E-03	.515	.661	.799	.906	.968	.993	.9991	.0001	.0001	.000
8E-03	.501	.647	.788	.899	.965	.992	.9991	.0001	.0001	.000
7E-03	.484	.632	.776	.892	.962	.991	.9991	.0001	.0001	.000
6E-03	.465	.614	.762	.883	.958	.990	.9991	.0001	.0001	.000
5E-03	.444	.593	.745	.872	.953	.989	.9981	.0001	.0001	.000
4E-03	.418	.567	.723	.858	.946	.986	.9981	.0001	.0001	.000
3E-03	.385	.534	.695	.838	.936	.983	.9981	.0001	.0001	.000
2E-03	.343	.489	.654	.809	.921	.978	.9961	.0001	.0001	.000
1E-03	.277	.415	.584	.755	.890	.967	.994	.9991	.0001	.000
9E-04	.268	.405	.573	.746	.885	.964	.994	.9991	.0001	.000
8E-04	.258	.393	.561	.736	.879	.962	.993	.9991	.0001	.000
7E-04	.247	.380	.547	.725	.872	.959	.992	.9991	.0001	.000
6E-04	.235	.365	.532	.712	.864	.956	.991	.9991	.0001	.000
5E-04	.221	.348	.514	.696	.853	.951	.990	.9991	.0001	.000
4E-04	.205	.328	.492	.676	.840	.945	.989	.9991	.0001	.000
3E-04	.185	.303	.464	.651	.823	.937	.986	.9991	.0001	.000
2E-04	.160	.270	.425	.614	.796	.924	.983	.9981	.0001	.000
1E-04	.124	.219	.363	.552	.748	.899	.975	.9971	.0001	.000
9E-05	.119	.212	.354	.542	.740	.894	.973	.9961	.0001	.000
8E-05	.114	.204	.345	.531	.732	.889	.971	.9961	.0001	.000
7E-05	.108	.196	.334	.520	.722	.884	.969	.9961	.0001	.000
6E-05	.102	.187	.321	.506	.710	.877	.967	.9951	.0001	.000
5E-05	.095	.176	.307	.490	.696	.868	.964	.9951	.0001	.000
4E-05	.087	.164	.290	.470	.679	.858	.960	.9941	.0001	.000
3E-05	.078	.149	.269	.446	.656	.843	.954	.9931	.0001	.000
2E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
1E-05	.049	.102	.199	.357	.568	.782	.928	.987	.9991	.000
9E-06	.047	.098	.193	.349	.560	.775	.925	.986	.9991	.000
8E-06	.045	.094	.186	.340	.550	.768	.921	.985	.9991	.000
7E-06	.042	.089	.179	.330	.540	.760	.917	.984	.9991	.000
6E-06	.040	.084	.171	.319	.527	.750	.912	.983	.9991	.000
5E-06	.037	.079	.162	.306	.513	.738	.906	.981	.9981	.000
4E-06	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
3E-06	.029	.065	.139	.272	.473	.705	.888	.976	.9981	.000
2E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
1E-06	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000

Form 1413-0 Continuous Interfold Computer Paper Made by Boorum & Pease, Inc.

N= 3

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.162	.181	.205	.236	.278	.331	.398	.481	.578	.683
9E-02	.149	.166	.190	.220	.260	.312	.379	.461	.559	.666
8E-02	.135	.152	.174	.203	.242	.293	.358	.440	.537	.647
7E-02	.121	.137	.157	.185	.222	.272	.335	.416	.514	.625
6E-02	.106	.121	.140	.167	.202	.249	.311	.390	.488	.600
5E-02	.092	.105	.123	.147	.180	.225	.284	.362	.458	.572
4E-02	.076	.088	.104	.126	.156	.198	.254	.329	.424	.538
3E-02	.060	.070	.084	.103	.130	.168	.220	.290	.382	.495
2E-02	.043	.051	.062	.078	.100	.133	.178	.242	.328	.438
1E-02	.024	.029	.037	.048	.064	.088	.124	.176	.250	.351
9E-03	.022	.027	.034	.044	.060	.083	.117	.167	.240	.339
8E-03	.020	.025	.031	.041	.055	.077	.110	.158	.228	.326
7E-03	.018	.022	.028	.037	.051	.071	.102	.148	.216	.312
6E-03	.016	.020	.025	.033	.046	.065	.094	.138	.203	.296
5E-03	.014	.017	.022	.029	.041	.058	.085	.126	.188	.277
4E-03	.011	.014	.018	.025	.035	.051	.075	.113	.171	.256
3E-03	.009	.011	.015	.020	.029	.043	.064	.098	.151	.231
2E-03	.006	.008	.011	.015	.022	.033	.051	.080	.126	.198
1E-03	.004	.005	.006	.009	.014	.021	.034	.056	.092	.151
9E-04	.003	.004	.006	.009	.013	.020	.032	.053	.088	.145
8E-04	.003	.004	.005	.008	.012	.019	.030	.050	.083	.138
7E-04	.003	.004	.005	.007	.011	.017	.028	.046	.078	.131
6E-04	.002	.003	.004	.006	.010	.016	.025	.043	.073	.123
5E-04	.002	.003	.004	.006	.009	.014	.023	.039	.067	.114
4E-04	.002	.002	.003	.005	.007	.012	.020	.034	.060	.104
3E-04	.001	.002	.003	.004	.006	.010	.017	.029	.052	.092
2E-04	.001	.001	.002	.003	.005	.008	.013	.024	.043	.077
1E-04	.001	.001	.001	.002	.003	.005	.009	.016	.030	.057
9E-05	.000	.001	.001	.002	.003	.005	.008	.015	.028	.054
8E-05	.000	.001	.001	.001	.002	.004	.008	.014	.027	.051
7E-05	.000	.001	.001	.001	.002	.004	.007	.013	.025	.048
6E-05	.000	.000	.001	.001	.002	.003	.006	.012	.023	.045
5E-05	.000	.000	.001	.001	.002	.003	.006	.011	.021	.041
4E-05	.000	.000	.001	.001	.001	.003	.005	.009	.019	.037
3E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
2E-05	.000	.000	.000	.001	.001	.002	.003	.006	.013	.027
1E-05	.000	.000	.000	.000	.001	.001	.002	.004	.009	.019
9E-06	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
8E-06	.000	.000	.000	.000	.000	.001	.002	.004	.008	.017
7E-06	.000	.000	.000	.000	.000	.001	.002	.003	.007	.016
6E-06	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
5E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
4E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
3E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
2E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006

rolm 1413-U Continuous Interfold 20 Made Business Forms, Inc.

N= 3

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.788	.878	.943	.980	.995	.9991	.0001	.0001	.0001	.000
9E-02	.774	.868	.937	.977	.994	.9991	.0001	.0001	.0001	.000
8E-02	.758	.857	.931	.975	.994	.9991	.0001	.0001	.0001	.000
7E-02	.740	.844	.923	.971	.992	.9991	.0001	.0001	.0001	.000
6E-02	.719	.828	.914	.967	.991	.9991	.0001	.0001	.0001	.000
5E-02	.694	.810	.902	.961	.989	.9981	.0001	.0001	.0001	.000
4E-02	.663	.786	.887	.954	.987	.9981	.0001	.0001	.0001	.000
3E-02	.624	.754	.866	.943	.983	.9971	.0001	.0001	.0001	.000
2E-02	.569	.708	.834	.926	.976	.995	.9991	.0001	.0001	.000
1E-02	.480	.627	.773	.890	.961	.991	.9991	.0001	.0001	.000
9E-03	.467	.615	.763	.883	.958	.990	.9991	.0001	.0001	.000
8E-03	.453	.601	.752	.876	.955	.989	.9991	.0001	.0001	.000
7E-03	.437	.586	.739	.868	.951	.988	.9981	.0001	.0001	.000
6E-03	.419	.568	.724	.858	.946	.987	.9981	.0001	.0001	.000
5E-03	.398	.547	.706	.846	.940	.985	.9981	.0001	.0001	.000
4E-03	.374	.522	.684	.830	.932	.982	.9971	.0001	.0001	.000
3E-03	.343	.489	.655	.809	.921	.978	.9961	.0001	.0001	.000
2E-03	.304	.446	.613	.778	.904	.972	.9951	.0001	.0001	.000
1E-03	.243	.375	.543	.721	.869	.958	.992	.9991	.0001	.000
9E-04	.235	.365	.532	.712	.864	.956	.991	.9991	.0001	.000
8E-04	.226	.354	.520	.702	.857	.953	.991	.9991	.0001	.000
7E-04	.216	.342	.507	.690	.849	.949	.990	.9991	.0001	.000
6E-04	.205	.328	.492	.676	.840	.945	.989	.9991	.0001	.000
5E-04	.192	.312	.474	.660	.829	.940	.987	.9991	.0001	.000
4E-04	.178	.293	.452	.640	.815	.933	.985	.9981	.0001	.000
3E-04	.161	.270	.425	.614	.796	.924	.983	.9981	.0001	.000
2E-04	.138	.239	.388	.578	.769	.910	.978	.9971	.0001	.000
1E-04	.107	.193	.330	.515	.718	.881	.969	.9961	.0001	.000
9E-05	.102	.187	.321	.506	.710	.877	.967	.9951	.0001	.000
8E-05	.098	.180	.312	.495	.701	.871	.965	.9951	.0001	.000
7E-05	.093	.172	.302	.484	.691	.865	.963	.9951	.0001	.000
6E-05	.087	.164	.290	.470	.679	.858	.960	.9941	.0001	.000
5E-05	.081	.154	.277	.455	.665	.849	.956	.9931	.0001	.000
4E-05	.074	.143	.261	.436	.647	.837	.952	.992	.9991	.000
3E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
2E-05	.056	.113	.216	.379	.591	.799	.935	.989	.9991	.000
1E-05	.041	.088	.177	.327	.536	.757	.916	.984	.9991	.000
9E-06	.040	.084	.171	.319	.527	.750	.912	.983	.9991	.000
8E-06	.038	.081	.165	.311	.518	.743	.909	.982	.9981	.000
7E-06	.035	.077	.159	.301	.507	.734	.904	.981	.9981	.000
6E-06	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
5E-06	.031	.068	.143	.279	.481	.712	.892	.977	.9981	.000
4E-06	.028	.062	.133	.264	.464	.697	.884	.975	.9981	.000
3E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
2E-06	.020	.047	.107	.223	.411	.649	.856	.966	.9961	.000
1E-06	.015	.036	.085	.186	.362	.600	.825	.955	.9951	.000

FORM 1413-D Continuous Interfold to Make Business Forms, Inc.

N= 4

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.152	.168	.189	.217	.254	.303	.366	.445	.541	.648
9E-02	.139	.154	.174	.201	.237	.285	.347	.426	.521	.630
8E-02	.126	.140	.159	.185	.220	.266	.327	.405	.500	.610
7E-02	.112	.126	.144	.168	.201	.246	.305	.382	.477	.588
6E-02	.099	.111	.128	.151	.182	.225	.282	.357	.451	.563
5E-02	.084	.096	.111	.132	.161	.202	.256	.329	.422	.535
4E-02	.070	.080	.093	.113	.139	.177	.228	.298	.389	.501
3E-02	.055	.063	.075	.092	.115	.149	.196	.261	.348	.459
2E-02	.039	.045	.055	.068	.088	.117	.158	.216	.297	.404
1E-02	.021	.026	.032	.041	.055	.077	.108	.156	.225	.321
9E-03	.020	.024	.030	.038	.052	.072	.102	.148	.215	.309
8E-03	.018	.022	.027	.035	.048	.067	.096	.140	.205	.297
7E-03	.016	.019	.024	.032	.044	.062	.089	.131	.193	.283
6E-03	.014	.017	.022	.029	.039	.056	.082	.121	.181	.268
5E-03	.012	.015	.019	.025	.035	.050	.074	.111	.167	.251
4E-03	.010	.012	.016	.021	.030	.044	.065	.099	.152	.231
3E-03	.008	.010	.013	.017	.025	.036	.055	.086	.134	.208
2E-03	.005	.007	.009	.013	.019	.028	.044	.070	.111	.178
1E-03	.003	.004	.005	.008	.012	.018	.029	.048	.081	.135
9E-04	.003	.004	.005	.007	.011	.017	.028	.046	.077	.129
8E-04	.003	.003	.005	.007	.010	.016	.026	.043	.073	.123
7E-04	.002	.003	.004	.006	.009	.014	.024	.040	.068	.117
6E-04	.002	.003	.004	.005	.008	.013	.022	.037	.063	.109
5E-04	.002	.002	.003	.005	.007	.012	.019	.033	.058	.101
4E-04	.001	.002	.003	.004	.006	.010	.017	.030	.052	.092
3E-04	.001	.001	.002	.003	.005	.008	.014	.025	.045	.081
2E-04	.001	.001	.002	.002	.004	.006	.011	.020	.037	.068
1E-04	.000	.001	.001	.001	.002	.004	.007	.014	.026	.050
9E-05	.000	.001	.001	.001	.002	.004	.007	.013	.025	.048
8E-05	.000	.001	.001	.001	.002	.003	.006	.012	.023	.045
7E-05	.000	.000	.001	.001	.002	.003	.006	.011	.022	.042
6E-05	.000	.000	.001	.001	.002	.003	.005	.010	.020	.039
5E-05	.000	.000	.001	.001	.001	.003	.005	.009	.018	.036
4E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
3E-05	.000	.000	.000	.001	.001	.002	.003	.007	.014	.028
2E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
1E-05	.000	.000	.000	.000	.000	.001	.002	.004	.008	.017
9E-06	.000	.000	.000	.000	.000	.001	.002	.003	.007	.016
8E-06	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
7E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
6E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
5E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
4E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
3E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
2E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005

FORM 1473-U Continuous Interfold by Moore Business Forms, Inc.

N= 4

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.757	.856	.930	.974	.993	.9991	.0001	.0001	.0001	.000
9E-02	.742	.845	.924	.971	.992	.9991	.0001	.0001	.0001	.000
8E-02	.726	.833	.916	.968	.991	.9991	.0001	.0001	.0001	.000
7E-02	.707	.819	.908	.964	.990	.9981	.0001	.0001	.0001	.000
6E-02	.685	.802	.897	.959	.988	.9981	.0001	.0001	.0001	.000
5E-02	.660	.782	.884	.953	.986	.9971	.0001	.0001	.0001	.000
4E-02	.628	.757	.868	.944	.983	.9971	.0001	.0001	.0001	.000
3E-02	.589	.724	.845	.932	.978	.9961	.0001	.0001	.0001	.000
2E-02	.534	.677	.810	.912	.971	.994	.9991	.0001	.0001	.000
1E-02	.447	.595	.746	.873	.953	.989	.9981	.0001	.0001	.000
9E-03	.434	.583	.736	.866	.950	.988	.9981	.0001	.0001	.000
8E-03	.420	.569	.725	.858	.946	.987	.9981	.0001	.0001	.000
7E-03	.405	.553	.711	.849	.942	.985	.9981	.0001	.0001	.000
6E-03	.388	.536	.696	.839	.937	.983	.9981	.0001	.0001	.000
5E-03	.368	.515	.678	.826	.930	.981	.9971	.0001	.0001	.000
4E-03	.344	.490	.655	.810	.921	.978	.9971	.0001	.0001	.000
3E-03	.315	.459	.626	.788	.909	.974	.9961	.0001	.0001	.000
2E-03	.278	.416	.584	.755	.890	.967	.994	.9991	.0001	.000
1E-03	.221	.348	.514	.696	.853	.951	.990	.9991	.0001	.000
9E-04	.214	.338	.503	.687	.847	.948	.990	.9991	.0001	.000
8E-04	.205	.328	.492	.676	.840	.945	.989	.9991	.0001	.000
7E-04	.196	.316	.479	.665	.832	.942	.988	.9991	.0001	.000
6E-04	.186	.303	.464	.651	.823	.937	.986	.9991	.0001	.000
5E-04	.174	.288	.446	.634	.811	.931	.985	.9981	.0001	.000
4E-04	.161	.270	.425	.614	.796	.924	.983	.9981	.0001	.000
3E-04	.145	.248	.399	.588	.777	.914	.980	.9981	.0001	.000
2E-04	.124	.219	.363	.552	.748	.899	.975	.9971	.0001	.000
1E-04	.095	.176	.307	.490	.696	.868	.964	.9951	.0001	.000
9E-05	.091	.170	.299	.481	.688	.863	.962	.9941	.0001	.000
8E-05	.087	.164	.290	.470	.679	.858	.960	.9941	.0001	.000
7E-05	.083	.157	.280	.459	.668	.851	.957	.9941	.0001	.000
6E-05	.078	.149	.269	.446	.656	.843	.954	.9931	.0001	.000
5E-05	.072	.140	.256	.430	.642	.834	.950	.992	.9991	.000
4E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
3E-05	.058	.117	.223	.389	.601	.806	.938	.989	.9991	.000
2E-05	.049	.102	.199	.357	.568	.782	.928	.987	.9991	.000
1E-05	.037	.079	.162	.306	.513	.738	.906	.981	.9981	.000
9E-06	.035	.076	.157	.299	.505	.732	.903	.980	.9981	.000
8E-06	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
7E-06	.031	.069	.145	.282	.485	.715	.894	.978	.9981	.000
6E-06	.029	.065	.139	.272	.473	.705	.888	.976	.9981	.000
5E-06	.027	.061	.131	.260	.459	.692	.882	.974	.9971	.000
4E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
3E-06	.021	.050	.111	.229	.420	.657	.861	.968	.9971	.000
2E-06	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000
1E-06	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000

FORM 1413-U Continuous Interfold 20 Marks Business Forms, Inc.

N= 5

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.145	.159	.178	.203	.237	.283	.343	.419	.512	.620
9E-02	.132	.146	.164	.188	.221	.265	.324	.400	.493	.602
8E-02	.120	.132	.149	.173	.204	.247	.304	.379	.472	.582
7E-02	.107	.118	.134	.156	.187	.228	.283	.357	.449	.560
6E-02	.093	.104	.119	.140	.168	.207	.261	.332	.424	.535
5E-02	.080	.089	.103	.122	.149	.186	.237	.306	.396	.507
4E-02	.066	.074	.086	.104	.128	.162	.210	.275	.363	.473
3E-02	.051	.058	.069	.084	.105	.136	.179	.241	.324	.432
2E-02	.036	.042	.050	.062	.080	.106	.144	.198	.275	.379
1E-02	.020	.023	.029	.037	.050	.069	.098	.141	.206	.299
9E-03	.018	.022	.027	.034	.046	.064	.092	.134	.197	.288
8E-03	.016	.020	.024	.032	.043	.060	.086	.127	.188	.276
7E-03	.014	.017	.022	.029	.039	.055	.080	.118	.177	.263
6E-03	.013	.015	.019	.026	.035	.050	.073	.110	.166	.248
5E-03	.011	.013	.017	.022	.031	.044	.066	.100	.153	.232
4E-03	.009	.011	.014	.019	.027	.039	.058	.089	.138	.214
3E-03	.007	.009	.011	.015	.022	.032	.049	.077	.122	.191
2E-03	.005	.006	.008	.011	.016	.025	.039	.062	.101	.163
1E-03	.003	.004	.005	.007	.010	.016	.026	.043	.073	.124
9E-04	.002	.003	.004	.006	.009	.015	.024	.041	.069	.118
8E-04	.002	.003	.004	.006	.009	.014	.023	.038	.066	.113
7E-04	.002	.003	.004	.005	.008	.013	.021	.036	.062	.106
6E-04	.002	.002	.003	.005	.007	.011	.019	.033	.057	.100
5E-04	.001	.002	.003	.004	.006	.010	.017	.030	.052	.092
4E-04	.001	.002	.002	.003	.005	.009	.015	.026	.047	.084
3E-04	.001	.001	.002	.003	.004	.007	.013	.022	.041	.074
2E-04	.001	.001	.001	.002	.003	.006	.010	.018	.033	.062
1E-04	.000	.001	.001	.001	.002	.004	.006	.012	.023	.045
9E-05	.000	.000	.001	.001	.002	.003	.006	.011	.022	.043
8E-05	.000	.000	.001	.001	.002	.003	.006	.011	.021	.041
7E-05	.000	.000	.001	.001	.002	.003	.005	.010	.019	.038
6E-05	.000	.000	.001	.001	.001	.002	.005	.009	.018	.036
5E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
4E-05	.000	.000	.000	.001	.001	.002	.004	.007	.014	.029
3E-05	.000	.000	.000	.000	.001	.002	.003	.006	.012	.026
2E-05	.000	.000	.000	.000	.001	.001	.002	.005	.010	.021
1E-05	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
9E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
8E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
7E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
6E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
5E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
4E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
3E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.008
2E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005

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N= 5

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.733	.837	.919	.969	.992	.9991	.0001	.0001	.0001	.000
9E-02	.718	.826	.912	.966	.991	.9981	.0001	.0001	.0001	.000
8E-02	.701	.813	.904	.962	.989	.9981	.0001	.0001	.0001	.000
7E-02	.681	.798	.895	.957	.988	.9981	.0001	.0001	.0001	.000
6E-02	.659	.781	.883	.952	.986	.9971	.0001	.0001	.0001	.000
5E-02	.633	.760	.870	.945	.983	.9971	.0001	.0001	.0001	.000
4E-02	.601	.734	.852	.935	.980	.9961	.0001	.0001	.0001	.000
3E-02	.561	.700	.828	.922	.975	.995	.9991	.0001	.0001	.000
2E-02	.507	.652	.791	.901	.966	.992	.9991	.0001	.0001	.000
1E-02	.421	.570	.725	.859	.946	.987	.9981	.0001	.0001	.000
9E-03	.409	.558	.715	.852	.943	.986	.9981	.0001	.0001	.000
8E-03	.396	.544	.703	.844	.939	.984	.9981	.0001	.0001	.000
7E-03	.381	.529	.690	.834	.934	.983	.9971	.0001	.0001	.000
6E-03	.364	.511	.674	.823	.929	.981	.9971	.0001	.0001	.000
5E-03	.345	.491	.655	.810	.921	.978	.9971	.0001	.0001	.000
4E-03	.322	.466	.633	.793	.912	.975	.9961	.0001	.0001	.000
3E-03	.295	.435	.603	.770	.899	.970	.9951	.0001	.0001	.000
2E-03	.259	.394	.561	.737	.879	.962	.993	.9991	.0001	.000
1E-03	.205	.328	.492	.676	.840	.945	.989	.9991	.0001	.000
9E-04	.198	.319	.482	.667	.834	.942	.988	.9991	.0001	.000
8E-04	.190	.308	.470	.657	.827	.939	.987	.9991	.0001	.000
7E-04	.181	.297	.457	.645	.818	.935	.986	.9981	.0001	.000
6E-04	.172	.284	.442	.631	.808	.930	.985	.9981	.0001	.000
5E-04	.161	.270	.425	.614	.796	.924	.983	.9981	.0001	.000
4E-04	.148	.253	.405	.594	.781	.916	.980	.9981	.0001	.000
3E-04	.133	.232	.379	.568	.761	.906	.977	.9971	.0001	.000
2E-04	.114	.205	.345	.532	.732	.889	.971	.9961	.0001	.000
1E-04	.087	.164	.290	.470	.679	.858	.960	.9941	.0001	.000
9E-05	.084	.158	.282	.461	.671	.852	.958	.9941	.0001	.000
8E-05	.080	.152	.274	.451	.661	.847	.956	.9931	.0001	.000
7E-05	.076	.145	.264	.440	.651	.840	.953	.9931	.0001	.000
6E-05	.071	.138	.254	.427	.639	.832	.950	.992	.9991	.000
5E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
4E-05	.060	.120	.227	.394	.606	.809	.940	.990	.9991	.000
3E-05	.053	.108	.209	.371	.583	.793	.933	.988	.9991	.000
2E-05	.045	.094	.186	.340	.550	.768	.921	.985	.9991	.000
1E-05	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
9E-06	.032	.070	.147	.284	.487	.717	.895	.978	.9981	.000
8E-06	.030	.067	.141	.276	.478	.709	.891	.977	.9981	.000
7E-06	.028	.063	.136	.267	.467	.700	.886	.976	.9981	.000
6E-06	.026	.060	.129	.258	.456	.690	.880	.974	.9971	.000
5E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
4E-06	.022	.051	.113	.233	.425	.662	.864	.969	.9971	.000
3E-06	.019	.046	.103	.217	.404	.641	.852	.965	.9961	.000
2E-06	.016	.039	.090	.195	.375	.613	.833	.958	.9951	.000
1E-06	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000

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N= 6

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.140	.153	.170	.193	.225	.268	.324	.398	.490	.598
9E-02	.128	.140	.156	.179	.209	.251	.306	.379	.471	.579
8E-02	.115	.127	.142	.163	.193	.233	.287	.359	.450	.559
7E-02	.102	.113	.128	.148	.176	.214	.267	.337	.427	.537
6E-02	.089	.099	.113	.132	.158	.195	.245	.313	.403	.513
5E-02	.076	.085	.097	.115	.139	.174	.222	.287	.375	.484
4E-02	.063	.070	.081	.097	.119	.151	.196	.258	.343	.451
3E-02	.049	.055	.065	.078	.098	.126	.167	.225	.305	.411
2E-02	.034	.039	.047	.058	.074	.098	.133	.184	.258	.358
1E-02	.019	.022	.027	.034	.046	.063	.090	.131	.192	.281
9E-03	.017	.020	.025	.032	.042	.059	.084	.124	.184	.271
8E-03	.015	.018	.022	.029	.039	.055	.079	.117	.174	.259
7E-03	.014	.016	.020	.026	.036	.050	.073	.109	.165	.247
6E-03	.012	.014	.018	.023	.032	.045	.067	.101	.154	.233
5E-03	.010	.012	.015	.020	.028	.040	.060	.092	.142	.218
4E-03	.008	.010	.013	.017	.024	.035	.053	.082	.128	.200
3E-03	.006	.008	.010	.014	.020	.029	.045	.070	.112	.179
2E-03	.005	.006	.007	.010	.015	.022	.035	.057	.093	.152
1E-03	.002	.003	.004	.006	.009	.014	.023	.039	.067	.115
9E-04	.002	.003	.004	.006	.008	.013	.022	.037	.064	.110
8E-04	.002	.003	.004	.005	.008	.012	.020	.035	.060	.104
7E-04	.002	.002	.003	.005	.007	.011	.019	.032	.056	.099
6E-04	.002	.002	.003	.004	.006	.010	.017	.030	.052	.092
5E-04	.001	.002	.002	.004	.006	.009	.015	.027	.048	.085
4E-04	.001	.001	.002	.003	.005	.008	.013	.024	.043	.078
3E-04	.001	.001	.002	.002	.004	.007	.011	.020	.037	.068
2E-04	.001	.001	.001	.002	.003	.005	.009	.016	.030	.057
1E-04	.000	.000	.001	.001	.002	.003	.006	.011	.021	.041
9E-05	.000	.000	.001	.001	.002	.003	.005	.010	.020	.039
8E-05	.000	.000	.001	.001	.002	.003	.005	.010	.019	.037
7E-05	.000	.000	.001	.001	.001	.002	.005	.009	.017	.035
6E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
5E-05	.000	.000	.000	.001	.001	.002	.004	.007	.015	.030
4E-05	.000	.000	.000	.001	.001	.002	.003	.006	.013	.027
3E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
2E-05	.000	.000	.000	.000	.001	.001	.002	.004	.009	.019
1E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
9E-06	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
8E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
7E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
6E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
5E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
4E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
3E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
2E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004

reproduced by Continuous Interfield Microfilm Systems, Inc.

N= 6

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
$1E^{-01}$	$.7_{13}$	$.8_{22}$	$.9_{09}$	.964	$.99_{0}$	$.998_{1}$	.0001	.0001	.0001	.000
$9E^{-02}$	.697	.810	.902	.961	.989	$.998_{1}$	.0001	.0001	.0001	.000
$8E^{-02}$	$.68_{0}$	.797	.893	.957	.988	$.998_{1}$	.0001	.0001	.0001	.000
$7E^{-02}$	$.66_{0}$	$.78_{1}$	.883	.952	.986	$.997_{1}$	.0001	.0001	.0001	.000
$6E^{-02}$	$.63^{7}$	.763	$.87_{1}$	.946	.984	$.997_{1}$	.0001	.0001	.0001	.000
$5E^{-02}$	$.61_{1}$	.742	.857	.938	$.98_{1}$	$.996_{1}$	.0001	.0001	.0001	.000
$4E^{-02}$	.579	$.71_{5}$	.838	.928	.977	.995	.9991	.0001	.0001	.000
$3E^{-02}$	$.54_{0}$	$.68_{0}$	.813	$.91_{3}$	$.97_{1}$	.994	.9991	.0001	.0001	.000
$2E^{-02}$	.486	.632	$.77_{5}$	$.89_{1}$	$.96_{1}$	$.99_{1}$	.9991	.0001	.0001	.000
$1E^{-02}$	$.4_{01}$	.549	$.7_{08}$	.847	$.94_{1}$	.985	.9981	.0001	.0001	.000
$9E^{-03}$	$.39_{0}$	.537	.697	.839	.937	.984	.9981	.0001	.0001	.000
$8E^{-03}$	.376	.524	.685	.831	.933	.982	.9971	.0001	.0001	.000
$7E^{-03}$	.362	$.5_{08}$	$.67_{2}$	.821	.928	$.98_{0}$	.9971	.0001	.0001	.000
$6E^{-03}$	.346	$.49_{1}$	.656	$.8_{10}$	.921	.978	.9971	.0001	.0001	.000
$5E^{-03}$	$.32^{7}$	$.47_{1}$	.637	.796	$.91_{4}$	.976	.9961	.0001	.0001	.000
$4E^{-03}$	$.30^{5}$	.447	.614	.779	$.90_{4}$	.972	.9951	.0001	.0001	.000
$3E^{-03}$	.279	$.41_{7}$	.585	.755	$.89_{0}$	.967	.994	.9991	.0001	.000
$2E^{-03}$	.244	.376	.543	$.72_{1}$	.869	.958	$.99_{2}$	.9991	.0001	.000
$1E^{-03}$	$.19_{3}$	$.31_{2}$	.474	$.66_{0}$	.829	$.94_{0}$	.987	.9991	.0001	.000
$9E^{-04}$	$.18_{6}$	$.30_{3}$	.464	.651	.823	.937	.986	.9991	.0001	.000
$8E^{-04}$	.178	.293	.453	$.64_{0}$	$.81_{5}$	.934	.985	.9981	.0001	.000
$7E^{-04}$	$.17_{0}$	.282	$.44_{0}$	$.62^{8}$	$.80^{7}$	.929	.984	.9981	.0001	.000
$6E^{-04}$	.161	$.27_{0}$	.425	$.61_{4}$	.796	.924	.983	.9981	.0001	.000
$5E^{-04}$	.151	.256	$.40_{9}$	.598	.784	$.91_{8}$	$.98_{1}$	.9981	.0001	.000
$4E^{-04}$	.139	.239	.389	.578	.769	$.91_{0}$	.978	.9971	.0001	.000
$3E^{-04}$	.124	$.21_{9}$	.364	.552	.748	.899	.975	.9971	.0001	.000
$2E^{-04}$	$.10^{7}$	$.19_{3}$	$.33_{0}$	$.51_{5}$	$.71_{8}$	$.88_{1}$	.969	.9961	.0001	.000
$1E^{-04}$	$.08_{1}$	.154	$.27^{7}$	.455	.665	.849	.956	.9931	.0001	.000
$9E^{-05}$	$.07^{8}$	.149	.269	.446	.656	.843	.954	.9931	.0001	.000
$8E^{-05}$	$.07_{4}$	.143	$.26_{1}$	.436	.647	$.83^{7}$	.952	$.99_{2}$	.9991	.000
$7E^{-05}$	$.07_{0}$	$.13^{7}$	$.25_{2}$	.425	.636	$.83_{0}$	.949	$.99_{2}$	.9991	.000
$6E^{-05}$	.066	.130	$.24_{1}$	$.41_{2}$	.624	$.82_{2}$	.945	$.99_{1}$	.9991	.000
$5E^{-05}$	$.06_{1}$	.122	$.23_{0}$	$.39^{7}$	$.60^{9}$	$.81_{2}$	$.94_{1}$	$.99_{0}$	.9991	.000
$4E^{-05}$	.056	.113	.216	.379	$.59_{1}$	.799	.935	.989	.9991	.000
$3E^{-05}$	.049	.102	$.19^{9}$	.357	.568	.782	$.92_{8}$	.987	.9991	.000
$2E^{-05}$	.041	$.08_{8}$	$.17^{7}$	$.32^{7}$	.536	.757	$.91_{6}$	.984	.9991	.000
$1E^{-05}$	$.03_{1}$	.068	.143	.279	$.48_{1}$	$.71_{2}$	$.89_{2}$	.977	.9981	.000
$9E^{-06}$	$.02^{9}$	.065	$.13^{9}$	.272	.473	$.70^{5}$	.888	.976	.9981	.000
$8E^{-06}$	$.02_{8}$	.062	$.13_{4}$	.264	.464	.697	.884	.975	.9981	.000
$7E^{-06}$	$.02_{6}$	$.05^{9}$	$.12_{8}$	.256	.453	.688	.879	.973	.9971	.000
$6E^{-06}$	$.02_{4}$	$.05_{6}$	.122	.246	$.44_{2}$	.677	.873	$.97_{2}$	.9971	.000
$5E^{-06}$	.022	.052	.115	.236	$.42^{8}$	.664	.865	.969	.9971	.000
$4E^{-06}$	.020	$.04^{7}$	$.10^{7}$	.223	.411	.649	.856	.966	.9961	.000
$3E^{-06}$	$.01^{8}$	.042	$.09^{7}$	$.20^{7}$	$.39_{0}$	$.62^{9}$	.843	.962	.9961	.000
$2E^{-06}$	.015	.036	$.08^{5}$	$.18_{6}$	.362	$.60_{0}$	$.82^{5}$	.955	.9951	.000
$1E^{-06}$	.011	$.02^{7}$	$.06^{7}$	.154	.316	$.55_{0}$	$.79_{0}$	.942	.9921	.000

N= 7

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.136	.148	.164	.185	.215	.256	.310	.381	.471	.579
9E-02	.124	.135	.150	.171	.200	.239	.292	.363	.452	.560
8E-02	.112	.122	.136	.156	.184	.222	.273	.343	.432	.540
7E-02	.099	.109	.122	.141	.167	.203	.254	.321	.410	.518
6E-02	.086	.095	.108	.125	.150	.184	.232	.298	.385	.494
5E-02	.073	.082	.093	.109	.132	.164	.210	.273	.358	.466
4E-02	.060	.067	.077	.092	.112	.142	.185	.245	.326	.433
3E-02	.047	.053	.061	.074	.092	.118	.157	.212	.290	.393
2E-02	.033	.037	.044	.054	.069	.091	.124	.174	.244	.342
1E-02	.018	.021	.025	.032	.042	.058	.083	.122	.181	.267
9E-03	.016	.019	.023	.029	.039	.055	.079	.116	.173	.257
8E-03	.014	.017	.021	.027	.036	.051	.073	.109	.164	.246
7E-03	.013	.015	.019	.024	.033	.046	.068	.102	.155	.234
6E-03	.011	.013	.017	.022	.030	.042	.062	.094	.144	.221
5E-03	.010	.011	.014	.019	.026	.037	.056	.086	.133	.206
4E-03	.008	.009	.012	.016	.022	.032	.049	.076	.120	.189
3E-03	.006	.007	.010	.013	.018	.027	.041	.065	.105	.169
2E-03	.004	.005	.007	.009	.014	.021	.033	.053	.087	.143
1E-03	.002	.003	.004	.006	.008	.013	.021	.036	.062	.108
9E-04	.002	.003	.004	.005	.008	.012	.020	.034	.059	.103
8E-04	.002	.002	.003	.005	.007	.011	.019	.032	.056	.098
7E-04	.002	.002	.003	.004	.006	.010	.017	.030	.052	.092
6E-04	.001	.002	.003	.004	.006	.009	.016	.027	.049	.087
5E-04	.001	.002	.002	.003	.005	.008	.014	.025	.044	.080
4E-04	.001	.001	.002	.003	.004	.007	.012	.022	.040	.073
3E-04	.001	.001	.002	.002	.004	.006	.010	.019	.034	.064
2E-04	.001	.001	.001	.002	.003	.005	.008	.015	.028	.053
1E-04	.000	.000	.001	.001	.002	.003	.005	.010	.019	.039
9E-05	.000	.000	.001	.001	.001	.003	.005	.009	.018	.037
8E-05	.000	.000	.001	.001	.001	.002	.005	.009	.017	.035
7E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
6E-05	.000	.000	.000	.001	.001	.002	.004	.007	.015	.030
5E-05	.000	.000	.000	.001	.001	.002	.003	.007	.013	.028
4E-05	.000	.000	.000	.000	.001	.002	.003	.006	.012	.025
3E-05	.000	.000	.000	.000	.001	.001	.002	.005	.010	.022
2E-05	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
1E-05	.000	.000	.000	.000	.000	.001	.001	.003	.005	.013
9E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
8E-06	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
7E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
6E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
5E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
4E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.008
3E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
2E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004

N= 7

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.696	.808	.900	.960	.989	.9981	.0001	.0001	.0001	.000
9E-02	.680	.796	.892	.956	.987	.9981	.0001	.0001	.0001	.000
8E-02	.662	.782	.883	.952	.986	.9971	.0001	.0001	.0001	.000
7E-02	.642	.766	.873	.946	.984	.9971	.0001	.0001	.0001	.000
6E-02	.619	.748	.861	.940	.981	.9961	.0001	.0001	.0001	.000
5E-02	.593	.726	.845	.932	.978	.9961	.0001	.0001	.0001	.000
4E-02	.561	.699	.826	.921	.974	.995	.9991	.0001	.0001	.000
3E-02	.521	.664	.800	.906	.968	.993	.9991	.0001	.0001	.000
2E-02	.468	.614	.762	.882	.957	.990	.9991	.0001	.0001	.000
1E-02	.385	.532	.693	.836	.935	.983	.9971	.0001	.0001	.000
9E-03	.373	.520	.682	.829	.931	.982	.9971	.0001	.0001	.000
8E-03	.360	.507	.670	.820	.927	.980	.9971	.0001	.0001	.000
7E-03	.346	.492	.656	.810	.922	.978	.9971	.0001	.0001	.000
6E-03	.330	.475	.640	.798	.915	.976	.9961	.0001	.0001	.000
5E-03	.312	.455	.622	.784	.907	.973	.9951	.0001	.0001	.000
4E-03	.291	.431	.598	.766	.897	.969	.9951	.0001	.0001	.000
3E-03	.265	.401	.569	.743	.883	.964	.993	.9991	.0001	.000
2E-03	.232	.361	.528	.708	.861	.954	.991	.9991	.0001	.000
1E-03	.183	.299	.459	.647	.820	.936	.986	.9981	.0001	.000
9E-04	.176	.290	.449	.637	.813	.932	.985	.9981	.0001	.000
8E-04	.169	.281	.438	.626	.805	.929	.984	.9981	.0001	.000
7E-04	.161	.270	.426	.614	.796	.924	.983	.9981	.0001	.000
6E-04	.152	.258	.411	.600	.786	.919	.981	.9981	.0001	.000
5E-04	.142	.244	.395	.584	.773	.912	.979	.9971	.0001	.000
4E-04	.131	.228	.375	.564	.758	.904	.976	.9971	.0001	.000
3E-04	.117	.209	.350	.538	.737	.892	.972	.9961	.0001	.000
2E-04	.100	.184	.317	.502	.706	.875	.966	.9951	.0001	.000
1E-04	.076	.146	.266	.442	.652	.841	.953	.9931	.0001	.000
9E-05	.073	.141	.258	.433	.644	.835	.951	.992	.9991	.000
8E-05	.070	.136	.250	.423	.635	.829	.948	.992	.9991	.000
7E-05	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
6E-05	.062	.123	.231	.399	.612	.813	.942	.990	.9991	.000
5E-05	.057	.115	.220	.385	.597	.803	.937	.989	.9991	.000
4E-05	.052	.107	.206	.367	.579	.790	.931	.988	.9991	.000
3E-05	.046	.096	.190	.345	.556	.772	.923	.986	.9991	.000
2E-05	.039	.083	.169	.316	.524	.747	.911	.983	.9991	.000
1E-05	.029	.064	.136	.269	.469	.701	.887	.976	.9981	.000
9E-06	.027	.061	.132	.262	.461	.694	.883	.975	.9981	.000
8E-06	.026	.059	.127	.255	.452	.686	.878	.973	.9971	.000
7E-06	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
6E-06	.023	.052	.116	.237	.430	.666	.867	.970	.9971	.000
5E-06	.021	.049	.109	.227	.417	.654	.859	.967	.9971	.000
4E-06	.019	.045	.102	.214	.400	.638	.849	.964	.9961	.000
3E-06	.016	.040	.092	.199	.379	.618	.836	.960	.9951	.000
2E-06	.014	.034	.081	.178	.351	.589	.817	.953	.9941	.000
1E-06	.010	.025	.063	.147	.306	.539	.782	.939	.9921	.000

N= 8

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.133	.144	.159	.179	.207	.246	.298	.367	.456	.562
9E-02	.121	.131	.145	.165	.192	.229	.280	.349	.437	.544
8E-02	.109	.119	.132	.150	.176	.212	.262	.329	.417	.524
7E-02	.097	.106	.118	.136	.160	.195	.243	.308	.394	.502
6E-02	.084	.092	.104	.120	.143	.176	.222	.286	.370	.478
5E-02	.071	.079	.089	.104	.126	.156	.200	.261	.343	.450
4E-02	.058	.065	.074	.088	.107	.135	.176	.233	.313	.417
3E-02	.045	.051	.059	.070	.087	.112	.149	.202	.277	.378
2E-02	.031	.036	.042	.051	.065	.086	.118	.164	.233	.328
1E-02	.017	.020	.024	.030	.040	.055	.078	.115	.172	.255
9E-03	.015	.018	.022	.028	.037	.051	.074	.109	.164	.245
8E-03	.014	.016	.020	.025	.034	.047	.069	.103	.155	.235
7E-03	.012	.014	.018	.023	.031	.043	.064	.096	.146	.223
6E-03	.011	.013	.016	.020	.028	.039	.058	.088	.136	.210
5E-03	.009	.011	.014	.018	.024	.035	.052	.080	.126	.196
4E-03	.007	.009	.011	.015	.021	.030	.046	.071	.113	.180
3E-03	.006	.007	.009	.012	.017	.025	.039	.061	.099	.160
2E-03	.004	.005	.006	.009	.013	.019	.030	.049	.082	.136
1E-03	.002	.003	.004	.005	.008	.012	.020	.034	.059	.102
9E-04	.002	.003	.003	.005	.007	.011	.019	.032	.056	.097
8E-04	.002	.002	.003	.004	.007	.010	.017	.030	.053	.093
7E-04	.002	.002	.003	.004	.006	.010	.016	.028	.049	.087
6E-04	.001	.002	.002	.004	.005	.009	.015	.026	.046	.082
5E-04	.001	.002	.002	.003	.005	.008	.013	.023	.042	.075
4E-04	.001	.001	.002	.003	.004	.007	.011	.020	.037	.068
3E-04	.001	.001	.001	.002	.003	.005	.010	.017	.032	.060
2E-04	.001	.001	.001	.002	.002	.004	.007	.014	.026	.050
1E-04	.000	.000	.001	.001	.001	.003	.005	.009	.018	.036
9E-05	.000	.000	.001	.001	.001	.002	.004	.009	.017	.035
8E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
7E-05	.000	.000	.000	.001	.001	.002	.004	.007	.015	.031
6E-05	.000	.000	.000	.001	.001	.002	.003	.007	.014	.028
5E-05	.000	.000	.000	.001	.001	.002	.003	.006	.013	.026
4E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
3E-05	.000	.000	.000	.000	.001	.001	.002	.005	.009	.020
2E-05	.000	.000	.000	.000	.000	.001	.002	.004	.008	.017
1E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
9E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.011
8E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
7E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
6E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
5E-06	.000	.000	.000	.000	.000	.000	.001	.002	.003	.008
4E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
3E-06	.000	.000	.000	.000	.000	.000	.000	.001	.003	.006
2E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004

N= 8

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.680	.796	.892	.956	.987	.998	1.000	1.000	1.000	1.000
9E-02	.664	.784	.884	.952	.986	.997	1.000	1.000	1.000	1.000
8E-02	.646	.769	.875	.947	.984	.997	1.000	1.000	1.000	1.000
7E-02	.626	.753	.864	.941	.982	.996	1.000	1.000	1.000	1.000
6E-02	.603	.734	.851	.934	.979	.996	1.000	1.000	1.000	1.000
5E-02	.577	.712	.835	.926	.976	.995	.999	1.000	1.000	1.000
4E-02	.545	.684	.815	.914	.971	.994	.999	1.000	1.000	1.000
3E-02	.505	.649	.788	.899	.965	.992	.999	1.000	1.000	1.000
2E-02	.453	.600	.749	.874	.954	.989	.998	1.000	1.000	1.000
1E-02	.371	.518	.680	.827	.930	.981	.997	1.000	1.000	1.000
9E-03	.360	.506	.669	.819	.926	.980	.997	1.000	1.000	1.000
8E-03	.347	.492	.657	.810	.922	.978	.997	1.000	1.000	1.000
7E-03	.333	.477	.643	.800	.916	.976	.996	1.000	1.000	1.000
6E-03	.318	.460	.627	.788	.909	.974	.996	1.000	1.000	1.000
5E-03	.300	.441	.608	.774	.901	.971	.995	1.000	1.000	1.000
4E-03	.279	.417	.585	.756	.891	.967	.994	.999	1.000	1.000
3E-03	.254	.388	.555	.731	.876	.961	.993	.999	1.000	1.000
2E-03	.222	.349	.514	.696	.854	.951	.990	.999	1.000	1.000
1E-03	.174	.288	.447	.635	.811	.932	.985	.998	1.000	1.000
9E-04	.168	.279	.437	.625	.804	.928	.984	.998	1.000	1.000
8E-04	.161	.270	.426	.614	.796	.924	.983	.998	1.000	1.000
7E-04	.153	.260	.413	.602	.787	.920	.981	.998	1.000	1.000
6E-04	.145	.248	.399	.588	.777	.914	.980	.996	1.000	1.000
5E-04	.135	.235	.383	.572	.764	.907	.978	.997	1.000	1.000
4E-04	.125	.219	.364	.552	.748	.899	.975	.997	1.000	1.000
3E-04	.112	.200	.339	.526	.727	.887	.971	.996	1.000	1.000
2E-04	.095	.176	.307	.490	.696	.868	.964	.995	1.000	1.000
1E-04	.072	.140	.256	.430	.642	.834	.950	.992	.999	1.000
9E-05	.069	.135	.249	.422	.633	.828	.948	.992	.999	1.000
8E-05	.066	.130	.241	.412	.624	.822	.945	.991	.999	1.000
7E-05	.062	.124	.233	.401	.613	.814	.942	.990	.999	1.000
6E-05	.059	.117	.223	.389	.601	.806	.938	.989	.999	1.000
5E-05	.054	.110	.212	.374	.586	.795	.934	.988	.999	1.000
4E-05	.049	.102	.199	.357	.568	.782	.928	.987	.999	1.000
3E-05	.044	.092	.183	.335	.545	.764	.919	.985	.999	1.000
2E-05	.037	.079	.162	.306	.513	.738	.906	.981	.998	1.000
1E-05	.027	.061	.131	.260	.459	.692	.882	.974	.997	1.000
9E-06	.026	.058	.127	.254	.451	.685	.878	.973	.997	1.000
8E-06	.024	.056	.122	.246	.442	.677	.873	.972	.997	1.000
7E-06	.023	.053	.117	.238	.432	.668	.868	.970	.997	1.000
6E-06	.021	.050	.111	.229	.420	.657	.861	.968	.997	1.000
5E-06	.020	.046	.105	.219	.407	.644	.853	.965	.996	1.000
4E-06	.018	.042	.097	.207	.390	.629	.843	.962	.996	1.000
3E-06	.015	.038	.088	.192	.370	.608	.830	.957	.995	1.000
2E-06	.013	.032	.077	.172	.342	.579	.811	.950	.994	1.000
1E-06	.009	.024	.060	.142	.297	.530	.775	.936	.991	1.000

N= 9

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.131	.141	.155	.174	.200	.237	.288	.355	.442	.548
9E-02	.119	.128	.142	.160	.186	.221	.271	.337	.423	.530
8E-02	.107	.116	.128	.146	.170	.205	.252	.318	.403	.510
7E-02	.095	.103	.115	.131	.154	.187	.233	.297	.381	.488
6E-02	.082	.090	.101	.116	.138	.169	.213	.275	.358	.464
5E-02	.070	.077	.087	.101	.121	.150	.192	.251	.331	.436
4E-02	.057	.063	.072	.084	.103	.129	.168	.224	.301	.404
3E-02	.044	.049	.056	.067	.083	.107	.142	.193	.266	.366
2E-02	.030	.034	.040	.049	.062	.082	.112	.157	.223	.316
1E-02	.016	.019	.023	.029	.038	.052	.074	.110	.164	.245
9E-03	.015	.017	.021	.026	.035	.048	.070	.104	.156	.236
8E-03	.013	.016	.019	.024	.032	.045	.065	.097	.148	.225
7E-03	.012	.014	.017	.022	.029	.041	.060	.091	.139	.214
6E-03	.010	.012	.015	.019	.026	.037	.055	.084	.130	.202
5E-03	.009	.010	.013	.017	.023	.033	.049	.076	.119	.188
4E-03	.007	.009	.011	.014	.019	.028	.043	.068	.108	.172
3E-03	.006	.007	.008	.011	.016	.023	.036	.058	.094	.153
2E-03	.004	.005	.006	.008	.012	.018	.028	.047	.078	.130
1E-03	.002	.003	.003	.005	.007	.011	.019	.032	.055	.097
9E-04	.002	.002	.003	.004	.007	.011	.018	.030	.053	.093
8E-04	.002	.002	.003	.004	.006	.010	.016	.028	.050	.088
7E-04	.002	.002	.003	.004	.006	.009	.015	.026	.046	.083
6E-04	.001	.002	.002	.003	.005	.008	.014	.024	.043	.078
5E-04	.001	.001	.002	.003	.004	.007	.012	.022	.039	.072
4E-04	.001	.001	.002	.002	.004	.006	.011	.019	.035	.065
3E-04	.001	.001	.001	.002	.003	.005	.009	.016	.030	.057
2E-04	.001	.001	.001	.001	.002	.004	.007	.013	.025	.047
1E-04	.000	.000	.001	.001	.001	.002	.004	.009	.017	.034
9E-05	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
8E-05	.000	.000	.000	.001	.001	.002	.004	.008	.015	.031
7E-05	.000	.000	.000	.001	.001	.002	.004	.007	.014	.029
6E-05	.000	.000	.000	.001	.001	.002	.003	.006	.013	.027
5E-05	.000	.000	.000	.000	.001	.002	.003	.006	.012	.025
4E-05	.000	.000	.000	.000	.001	.001	.002	.005	.010	.022
3E-05	.000	.000	.000	.000	.001	.001	.002	.004	.009	.019
2E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.016
1E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.011
9E-06	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
8E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
7E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
6E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
5E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.008
4E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
3E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
2E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003

N= 9

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.667	.785	.885	.952	.986	.997	1.000	1.000	1.000	1.000
9E-02	.651	.772	.876	.948	.984	.997	1.000	1.000	1.000	1.000
8E-02	.633	.758	.867	.943	.983	.997	1.000	1.000	1.000	1.000
7E-02	.612	.741	.855	.937	.980	.996	1.000	1.000	1.000	1.000
6E-02	.589	.722	.842	.930	.977	.995	.999	1.000	1.000	1.000
5E-02	.563	.699	.826	.921	.974	.994	.999	1.000	1.000	1.000
4E-02	.531	.672	.805	.909	.969	.993	.999	1.000	1.000	1.000
3E-02	.492	.636	.778	.892	.962	.991	.999	1.000	1.000	1.000
2E-02	.440	.586	.738	.867	.950	.988	.998	1.000	1.000	1.000
1E-02	.359	.505	.668	.819	.926	.980	.997	1.000	1.000	1.000
9E-03	.348	.493	.657	.811	.922	.978	.997	1.000	1.000	1.000
8E-03	.335	.480	.645	.802	.917	.977	.996	1.000	1.000	1.000
7E-03	.322	.465	.631	.791	.911	.975	.996	1.000	1.000	1.000
6E-03	.307	.448	.615	.779	.904	.972	.995	1.000	1.000	1.000
5E-03	.289	.429	.596	.764	.896	.969	.994	1.000	1.000	1.000
4E-03	.269	.405	.573	.746	.885	.964	.993	.999	1.000	1.000
3E-03	.245	.377	.544	.721	.870	.958	.992	.999	1.000	1.000
2E-03	.214	.338	.503	.686	.847	.948	.989	.999	1.000	1.000
1E-03	.167	.278	.436	.624	.803	.928	.984	.998	1.000	1.000
9E-04	.161	.270	.426	.614	.796	.924	.983	.998	1.000	1.000
8E-04	.154	.261	.415	.604	.789	.920	.982	.998	1.000	1.000
7E-04	.147	.251	.403	.592	.779	.915	.980	.998	1.000	1.000
6E-04	.139	.239	.389	.578	.769	.910	.978	.997	1.000	1.000
5E-04	.130	.227	.373	.561	.756	.903	.976	.997	1.000	1.000
4E-04	.119	.211	.354	.541	.739	.894	.973	.996	1.000	1.000
3E-04	.107	.193	.330	.515	.718	.881	.969	.996	1.000	1.000
2E-04	.091	.170	.298	.480	.687	.863	.962	.994	1.000	1.000
1E-04	.069	.134	.248	.421	.632	.827	.948	.992	.999	1.000
9E-05	.066	.130	.241	.412	.624	.822	.945	.991	.999	1.000
8E-05	.063	.124	.234	.402	.615	.815	.943	.990	.999	1.000
7E-05	.059	.119	.225	.391	.604	.808	.939	.990	.999	1.000
6E-05	.056	.113	.216	.379	.592	.799	.935	.989	.999	1.000
5E-05	.052	.105	.205	.365	.577	.788	.931	.988	.999	1.000
4E-05	.047	.097	.192	.348	.559	.775	.924	.986	.999	1.000
3E-05	.041	.088	.177	.327	.536	.757	.916	.984	.999	1.000
2E-05	.035	.075	.156	.298	.504	.731	.902	.980	.998	1.000
1E-05	.026	.058	.126	.253	.450	.684	.877	.973	.997	1.000
9E-06	.024	.056	.122	.246	.442	.677	.873	.972	.997	1.000
8E-06	.023	.053	.117	.239	.433	.669	.868	.970	.997	1.000
7E-06	.022	.050	.112	.231	.423	.660	.863	.968	.997	1.000
6E-06	.020	.047	.107	.223	.411	.649	.856	.966	.996	1.000
5E-06	.019	.044	.101	.213	.398	.636	.848	.964	.996	1.000
4E-06	.017	.040	.094	.201	.382	.620	.838	.960	.995	1.000
3E-06	.015	.036	.085	.186	.362	.600	.825	.955	.995	1.000
2E-06	.012	.030	.074	.167	.334	.571	.805	.948	.993	1.000
1E-06	.009	.023	.058	.137	.290	.521	.769	.933	.991	1.000

N= 10

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.129	.138	.151	.169	.195	.230	.279	.345	.430	.536
9E-02	.117	.126	.138	.156	.180	.214	.262	.327	.412	.517
8E-02	.105	.113	.125	.142	.165	.198	.244	.308	.392	.498
7E-02	.093	.101	.112	.127	.150	.181	.226	.287	.370	.476
6E-02	.081	.088	.098	.113	.133	.163	.206	.265	.347	.451
5E-02	.068	.075	.084	.097	.117	.144	.185	.242	.321	.424
4E-02	.056	.061	.070	.082	.099	.124	.162	.215	.291	.392
3E-02	.043	.048	.055	.065	.080	.103	.136	.186	.257	.354
2E-02	.030	.033	.039	.047	.059	.078	.107	.150	.215	.306
1E-02	.016	.018	.022	.027	.036	.049	.071	.105	.157	.236
9E-03	.014	.017	.020	.025	.033	.046	.066	.099	.150	.227
8E-03	.013	.015	.018	.023	.030	.043	.062	.093	.142	.217
7E-03	.011	.013	.016	.021	.028	.039	.057	.087	.134	.206
6E-03	.010	.012	.014	.018	.025	.035	.052	.080	.124	.194
5E-03	.008	.010	.012	.016	.022	.031	.047	.072	.114	.181
4E-03	.007	.008	.010	.013	.018	.027	.041	.064	.103	.165
3E-03	.005	.006	.008	.011	.015	.022	.034	.055	.090	.147
2E-03	.004	.005	.006	.008	.011	.017	.027	.044	.074	.124
1E-03	.002	.002	.003	.005	.007	.011	.018	.030	.053	.093
9E-04	.002	.002	.003	.004	.006	.010	.017	.028	.050	.089
8E-04	.002	.002	.003	.004	.006	.009	.015	.027	.047	.084
7E-04	.001	.002	.002	.003	.005	.008	.014	.025	.044	.079
6E-04	.001	.002	.002	.003	.005	.008	.013	.023	.041	.074
5E-04	.001	.001	.002	.003	.004	.007	.011	.020	.037	.068
4E-04	.001	.001	.002	.002	.004	.006	.010	.018	.033	.062
3E-04	.001	.001	.001	.002	.003	.005	.008	.015	.029	.054
2E-04	.000	.001	.001	.001	.002	.004	.006	.012	.023	.045
1E-04	.000	.000	.000	.001	.001	.002	.004	.008	.016	.033
9E-05	.000	.000	.000	.001	.001	.002	.004	.008	.015	.031
8E-05	.000	.000	.000	.001	.001	.002	.004	.007	.014	.029
7E-05	.000	.000	.000	.001	.001	.002	.003	.007	.013	.028
6E-05	.000	.000	.000	.001	.001	.002	.003	.006	.012	.026
5E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.023
4E-05	.000	.000	.000	.000	.001	.001	.002	.005	.010	.021
3E-05	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
2E-05	.000	.000	.000	.000	.000	.001	.001	.003	.007	.015
1E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
9E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
8E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
7E-06	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
6E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.008
5E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
4E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
3E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
2E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003

N= 10

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.655	.775	.878	.949	.985	.997	1.000	1.000	1.000	1.000
9E-02	.639	.762	.869	.944	.983	.997	1.000	1.000	1.000	1.000
8E-02	.620	.747	.859	.939	.981	.996	1.000	1.000	1.000	1.000
7E-02	.600	.731	.848	.933	.979	.996	1.000	1.000	1.000	1.000
6E-02	.577	.711	.834	.925	.976	.995	.999	1.000	1.000	1.000
5E-02	.550	.688	.817	.916	.972	.994	.999	1.000	1.000	1.000
4E-02	.519	.660	.797	.903	.967	.993	.999	1.000	1.000	1.000
3E-02	.480	.624	.769	.886	.959	.990	.999	1.000	1.000	1.000
2E-02	.428	.575	.728	.860	.947	.987	.998	1.000	1.000	1.000
1E-02	.348	.493	.657	.811	.922	.978	.997	1.000	1.000	1.000
9E-03	.337	.482	.646	.803	.917	.977	.996	1.000	1.000	1.000
8E-03	.325	.468	.634	.794	.912	.975	.996	1.000	1.000	1.000
7E-03	.312	.454	.620	.783	.907	.973	.995	1.000	1.000	1.000
6E-03	.297	.437	.604	.771	.899	.970	.995	1.000	1.000	1.000
5E-03	.280	.418	.585	.756	.891	.967	.994	.999	1.000	1.000
4E-03	.261	.395	.562	.737	.879	.962	.993	.999	1.000	1.000
3E-03	.237	.367	.533	.712	.864	.956	.991	.999	1.000	1.000
2E-03	.206	.329	.492	.677	.841	.945	.989	.999	1.000	1.000
1E-03	.161	.270	.426	.615	.797	.924	.983	.998	1.000	1.000
9E-04	.155	.262	.416	.605	.789	.921	.982	.998	1.000	1.000
8E-04	.149	.253	.405	.594	.781	.916	.980	.998	1.000	1.000
7E-04	.141	.243	.393	.582	.772	.912	.979	.997	1.000	1.000
6E-04	.134	.232	.379	.568	.761	.906	.977	.997	1.000	1.000
5E-04	.125	.219	.364	.552	.748	.899	.975	.997	1.000	1.000
4E-04	.114	.205	.345	.532	.732	.889	.972	.996	1.000	1.000
3E-04	.102	.187	.321	.506	.710	.877	.967	.995	1.000	1.000
2E-04	.087	.164	.290	.470	.679	.858	.960	.994	1.000	1.000
1E-04	.066	.130	.241	.412	.624	.822	.945	.991	.999	1.000
9E-05	.063	.125	.234	.403	.616	.816	.943	.990	.999	1.000
8E-05	.060	.120	.227	.394	.606	.809	.940	.990	.999	1.000
7E-05	.057	.114	.219	.383	.595	.802	.937	.989	.999	1.000
6E-05	.053	.108	.209	.371	.583	.793	.933	.988	.999	1.000
5E-05	.049	.102	.199	.357	.568	.782	.928	.987	.999	1.000
4E-05	.045	.094	.186	.340	.550	.768	.921	.985	.999	1.000
3E-05	.040	.084	.171	.319	.527	.750	.912	.983	.999	1.000
2E-05	.033	.073	.151	.291	.495	.724	.899	.979	.998	1.000
1E-05	.024	.056	.122	.246	.442	.677	.873	.972	.997	1.000
9E-06	.023	.053	.118	.240	.434	.670	.869	.970	.997	1.000
8E-06	.022	.051	.113	.233	.425	.662	.864	.969	.997	1.000
7E-06	.021	.048	.109	.225	.415	.652	.858	.967	.996	1.000
6E-06	.019	.046	.103	.217	.404	.641	.852	.965	.996	1.000
5E-06	.018	.042	.097	.207	.390	.629	.843	.962	.996	1.000
4E-06	.016	.039	.090	.195	.375	.613	.833	.958	.995	1.000
3E-06	.014	.034	.082	.181	.355	.592	.820	.953	.994	1.000
2E-06	.012	.029	.071	.162	.327	.563	.800	.946	.993	1.000
1E-06	.008	.022	.056	.133	.284	.514	.763	.931	.990	1.000

N= 20

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.118	.124	.133	.146	.164	.191	.229	.284	.359	.457
9E-02	.107	.112	.121	.133	.151	.176	.214	.267	.341	.439
8E-02	.095	.101	.109	.120	.137	.162	.198	.250	.323	.420
7E-02	.084	.089	.097	.107	.123	.147	.181	.231	.303	.399
6E-02	.073	.077	.084	.094	.109	.131	.164	.212	.281	.376
5E-02	.061	.065	.072	.081	.094	.115	.145	.191	.258	.350
4E-02	.050	.053	.059	.067	.079	.097	.126	.168	.232	.321
3E-02	.038	.041	.045	.052	.063	.079	.104	.143	.202	.287
2E-02	.026	.028	.032	.037	.046	.059	.080	.114	.166	.244
1E-02	.013	.015	.017	.021	.027	.036	.052	.077	.119	.185
9E-03	.012	.014	.016	.019	.025	.033	.048	.073	.113	.177
8E-03	.011	.012	.014	.017	.022	.031	.045	.068	.107	.169
7E-03	.010	.011	.013	.016	.020	.028	.041	.063	.100	.160
6E-03	.008	.009	.011	.014	.018	.025	.037	.058	.093	.150
5E-03	.007	.008	.009	.012	.016	.022	.033	.052	.085	.139
4E-03	.006	.007	.008	.010	.013	.019	.029	.046	.076	.126
3E-03	.004	.005	.006	.008	.011	.015	.024	.039	.066	.112
2E-03	.003	.003	.004	.006	.008	.012	.019	.031	.054	.094
1E-03	.002	.002	.002	.003	.005	.007	.012	.021	.038	.069
9E-04	.001	.002	.002	.003	.004	.007	.011	.020	.036	.066
8E-04	.001	.002	.002	.003	.004	.006	.010	.018	.034	.062
7E-04	.001	.001	.002	.002	.004	.006	.010	.017	.031	.059
6E-04	.001	.001	.002	.002	.003	.005	.009	.016	.029	.055
5E-04	.001	.001	.001	.002	.003	.004	.008	.014	.026	.050
4E-04	.001	.001	.001	.002	.002	.004	.007	.012	.023	.045
3E-04	.001	.001	.001	.001	.002	.003	.006	.010	.020	.040
2E-04	.000	.000	.001	.001	.001	.002	.004	.008	.016	.033
1E-04	.000	.000	.000	.001	.001	.001	.003	.005	.011	.023
9E-05	.000	.000	.000	.000	.001	.001	.003	.005	.011	.022
8E-05	.000	.000	.000	.000	.001	.001	.002	.005	.010	.021
7E-05	.000	.000	.000	.000	.001	.001	.002	.004	.009	.020
6E-05	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
5E-05	.000	.000	.000	.000	.000	.001	.002	.004	.008	.017
4E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.015
3E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
2E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.010
1E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
9E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
8E-06	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
7E-06	.000	.000	.000	.000	.000	.000	.000	.001	.003	.006
6E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
5E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
4E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
3E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002

Reproduced Courtesy of Motorola Inc.

N= 20

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.577	.707	.829	.921	.974	.994	.9991	.0001	.0001	.000
9E-02	.560	.693	.819	.915	.971	.994	.9991	.0001	.0001	.000
8E-02	.541	.677	.807	.908	.969	.993	.9991	.0001	.0001	.000
7E-02	.520	.658	.793	.900	.965	.992	.9991	.0001	.0001	.000
6E-02	.497	.638	.777	.891	.961	.991	.9991	.0001	.0001	.000
5E-02	.471	.613	.758	.879	.956	.989	.9991	.0001	.0001	.000
4E-02	.441	.585	.735	.864	.948	.987	.9981	.0001	.0001	.000
3E-02	.404	.548	.705	.844	.939	.984	.9981	.0001	.0001	.000
2E-02	.356	.499	.661	.813	.923	.979	.9971	.0001	.0001	.000
1E-02	.284	.421	.588	.757	.891	.967	.994	.9991	.0001	.000
9E-03	.274	.410	.577	.748	.886	.965	.994	.9991	.0001	.000
8E-03	.264	.398	.564	.738	.880	.962	.993	.9991	.0001	.000
7E-03	.252	.384	.551	.727	.873	.959	.992	.9991	.0001	.000
6E-03	.239	.369	.535	.713	.864	.956	.991	.9991	.0001	.000
5E-03	.225	.351	.516	.697	.854	.951	.990	.9991	.0001	.000
4E-03	.208	.330	.494	.678	.841	.945	.989	.9991	.0001	.000
3E-03	.188	.305	.465	.652	.823	.937	.987	.9991	.0001	.000
2E-03	.162	.271	.426	.615	.797	.924	.983	.9981	.0001	.000
1E-03	.125	.220	.364	.552	.748	.899	.975	.9971	.0001	.000
9E-04	.120	.213	.355	.542	.740	.894	.973	.9961	.0001	.000
8E-04	.115	.205	.345	.532	.732	.889	.972	.9961	.0001	.000
7E-04	.109	.197	.334	.520	.722	.884	.970	.9961	.0001	.000
6E-04	.103	.187	.322	.506	.710	.877	.967	.9951	.0001	.000
5E-04	.096	.176	.307	.490	.696	.868	.964	.9951	.0001	.000
4E-04	.087	.164	.290	.471	.679	.858	.960	.9941	.0001	.000
3E-04	.078	.149	.269	.446	.656	.843	.954	.9931	.0001	.000
2E-04	.066	.130	.241	.412	.624	.822	.945	.991	.9991	.000
1E-04	.049	.102	.199	.357	.568	.782	.928	.987	.9991	.000
9E-05	.047	.098	.193	.349	.560	.775	.925	.986	.9991	.000
8E-05	.045	.094	.186	.340	.550	.768	.921	.985	.9991	.000
7E-05	.042	.089	.179	.330	.540	.760	.917	.984	.9991	.000
6E-05	.040	.084	.171	.319	.527	.750	.912	.983	.9991	.000
5E-05	.037	.079	.162	.306	.513	.738	.906	.981	.9981	.000
4E-05	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
3E-05	.029	.065	.139	.272	.473	.705	.888	.976	.9981	.000
2E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
1E-05	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000
9E-06	.017	.041	.094	.201	.383	.621	.839	.960	.9961	.000
8E-06	.016	.039	.090	.195	.375	.613	.833	.958	.9951	.000
7E-06	.015	.037	.086	.188	.365	.603	.827	.956	.9951	.000
6E-06	.014	.034	.082	.181	.355	.592	.820	.953	.9941	.000
5E-06	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
4E-06	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
3E-06	.010	.026	.064	.149	.309	.543	.785	.940	.9921	.000
2E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
1E-06	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999

N= 30

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.113	.118	.125	.135	.151	.173	.206	.254	.322	.415
9E-02	.102	.107	.114	.123	.138	.159	.191	.238	.305	.397
8E-02	.091	.096	.102	.111	.125	.145	.176	.222	.288	.379
7E-02	.080	.084	.090	.099	.112	.131	.161	.204	.269	.358
6E-02	.069	.073	.078	.086	.098	.117	.144	.186	.248	.336
5E-02	.058	.062	.066	.074	.085	.101	.127	.167	.226	.312
4E-02	.047	.050	.054	.060	.070	.086	.109	.146	.202	.285
3E-02	.036	.038	.042	.047	.055	.069	.090	.123	.175	.253
2E-02	.024	.026	.029	.033	.040	.051	.068	.097	.143	.213
1E-02	.013	.014	.015	.018	.023	.030	.043	.065	.101	.159
9E-03	.011	.012	.014	.017	.021	.028	.040	.061	.095	.152
8E-03	.010	.011	.013	.015	.019	.026	.037	.057	.090	.145
7E-03	.009	.010	.011	.013	.017	.023	.034	.052	.084	.137
6E-03	.008	.008	.010	.012	.015	.021	.031	.048	.078	.128
5E-03	.006	.007	.008	.010	.013	.018	.027	.043	.071	.118
4E-03	.005	.006	.007	.008	.011	.016	.024	.038	.063	.107
3E-03	.004	.004	.005	.007	.009	.013	.020	.032	.055	.095
2E-03	.003	.003	.004	.005	.006	.009	.015	.025	.044	.079
1E-03	.001	.002	.002	.003	.004	.006	.010	.017	.031	.058
9E-04	.001	.001	.002	.002	.003	.005	.009	.016	.029	.055
8E-04	.001	.001	.002	.002	.003	.005	.008	.015	.028	.052
7E-04	.001	.001	.001	.002	.003	.004	.008	.014	.026	.049
6E-04	.001	.001	.001	.002	.003	.004	.007	.013	.024	.046
5E-04	.001	.001	.001	.001	.002	.004	.006	.011	.021	.042
4E-04	.001	.001	.001	.001	.002	.003	.005	.010	.019	.038
3E-04	.000	.001	.001	.001	.001	.002	.004	.008	.016	.033
2E-04	.000	.000	.000	.001	.001	.002	.003	.007	.013	.027
1E-04	.000	.000	.000	.000	.001	.001	.002	.004	.009	.019
9E-05	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
8E-05	.000	.000	.000	.000	.001	.001	.002	.004	.008	.017
7E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.016
6E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.015
5E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
4E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
3E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.011
2E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
8E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
7E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
6E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
5E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
4E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002

N= 30

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.532	.666	.797	.902	.965	.992	.9991	.0001	.0001	.000
9E-02	.515	.651	.786	.895	.963	.991	.9991	.0001	.0001	.000
8E-02	.497	.634	.773	.887	.959	.990	.9991	.0001	.0001	.000
7E-02	.476	.615	.758	.878	.955	.989	.9981	.0001	.0001	.000
6E-02	.453	.594	.741	.867	.950	.988	.9981	.0001	.0001	.000
5E-02	.428	.570	.721	.854	.944	.986	.9981	.0001	.0001	.000
4E-02	.398	.541	.697	.838	.935	.983	.9971	.0001	.0001	.000
3E-02	.363	.505	.665	.815	.924	.979	.9971	.0001	.0001	.000
2E-02	.317	.457	.621	.783	.906	.972	.9951	.0001	.0001	.000
1E-02	.251	.381	.547	.724	.871	.958	.992	.9991	.0001	.000
9E-03	.242	.371	.536	.714	.865	.956	.991	.9991	.0001	.000
8E-03	.232	.359	.524	.704	.858	.953	.991	.9991	.0001	.000
7E-03	.221	.346	.510	.692	.850	.950	.990	.9991	.0001	.000
6E-03	.209	.332	.495	.678	.841	.946	.989	.9991	.0001	.000
5E-03	.196	.315	.476	.662	.830	.940	.987	.9991	.0001	.000
4E-03	.181	.295	.454	.642	.816	.934	.986	.9981	.0001	.000
3E-03	.163	.272	.427	.615	.797	.924	.983	.9981	.0001	.000
2E-03	.140	.241	.390	.578	.769	.910	.978	.9971	.0001	.000
1E-03	.107	.194	.330	.516	.718	.882	.969	.9961	.0001	.000
9E-04	.103	.187	.322	.506	.710	.877	.967	.9951	.0001	.000
8E-04	.098	.180	.312	.496	.701	.871	.965	.9951	.0001	.000
7E-04	.093	.173	.302	.484	.691	.865	.963	.9951	.0001	.000
6E-04	.088	.164	.290	.471	.679	.858	.960	.9941	.0001	.000
5E-04	.081	.154	.277	.455	.665	.849	.956	.9931	.0001	.000
4E-04	.074	.143	.261	.436	.647	.837	.952	.992	.999	1.000
3E-04	.066	.130	.241	.412	.624	.822	.945	.991	.999	1.000
2E-04	.056	.113	.216	.379	.592	.799	.935	.989	.999	1.000
1E-04	.042	.088	.177	.327	.536	.757	.916	.984	.999	1.000
9E-05	.040	.084	.171	.319	.527	.750	.912	.983	.999	1.000
8E-05	.038	.081	.165	.311	.518	.743	.909	.982	.998	1.000
7E-05	.036	.077	.159	.301	.508	.734	.904	.981	.998	1.000
6E-05	.033	.073	.151	.291	.495	.724	.899	.979	.998	1.000
5E-05	.031	.068	.143	.279	.481	.712	.892	.977	.998	1.000
4E-05	.028	.062	.134	.264	.464	.697	.884	.975	.998	1.000
3E-05	.024	.056	.122	.246	.442	.677	.873	.972	.997	1.000
2E-05	.020	.047	.107	.223	.411	.649	.856	.966	.996	1.000
1E-05	.015	.036	.085	.186	.362	.600	.825	.955	.995	1.000
9E-06	.014	.034	.082	.181	.355	.592	.820	.953	.994	1.000
8E-06	.013	.033	.079	.175	.347	.584	.814	.951	.994	1.000
7E-06	.012	.031	.075	.169	.338	.574	.807	.949	.994	1.000
6E-06	.012	.029	.071	.162	.327	.563	.800	.946	.993	1.000
5E-06	.011	.027	.067	.154	.316	.550	.790	.942	.992	1.000
4E-06	.009	.025	.062	.145	.301	.534	.778	.937	.992	1.000
3E-06	.008	.022	.056	.133	.284	.514	.763	.931	.990	1.000
2E-06	.007	.018	.048	.118	.260	.485	.740	.921	.988	.999
1E-06	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999

N= 40

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.111	.115	.121	.130	.143	.162	.192	.235	.299	.387
9E-02	.100	.104	.109	.118	.130	.149	.177	.220	.282	.370
8E-02	.089	.093	.098	.106	.118	.136	.163	.204	.265	.351
7E-02	.078	.082	.087	.094	.105	.122	.148	.188	.247	.332
6E-02	.068	.071	.075	.082	.092	.108	.133	.170	.227	.310
5E-02	.057	.059	.063	.070	.079	.094	.116	.152	.207	.287
4E-02	.046	.048	.052	.057	.065	.078	.099	.132	.184	.261
3E-02	.035	.037	.040	.044	.051	.063	.081	.111	.158	.230
2E-02	.023	.025	.027	.031	.037	.046	.061	.087	.128	.193
1E-02	.012	.013	.014	.017	.021	.027	.038	.057	.089	.143
9E-03	.011	.012	.013	.015	.019	.025	.035	.054	.085	.137
8E-03	.010	.010	.012	.014	.017	.023	.033	.050	.080	.130
7E-03	.009	.009	.010	.012	.015	.021	.030	.046	.074	.122
6E-03	.007	.008	.009	.011	.014	.018	.027	.042	.069	.114
5E-03	.006	.007	.008	.009	.012	.016	.024	.038	.062	.106
4E-03	.005	.005	.006	.008	.010	.014	.021	.033	.056	.096
3E-03	.004	.004	.005	.006	.008	.011	.017	.028	.048	.084
2E-03	.003	.003	.003	.004	.006	.008	.013	.022	.039	.070
1E-03	.001	.002	.002	.002	.003	.005	.008	.015	.027	.051
9E-04	.001	.001	.002	.002	.003	.005	.008	.014	.025	.048
8E-04	.001	.001	.001	.002	.003	.004	.007	.013	.024	.046
7E-04	.001	.001	.001	.002	.002	.004	.006	.012	.022	.043
6E-04	.001	.001	.001	.002	.002	.003	.006	.011	.020	.040
5E-04	.001	.001	.001	.001	.002	.003	.005	.010	.019	.037
4E-04	.001	.001	.001	.001	.002	.003	.004	.008	.016	.033
3E-04	.000	.000	.001	.001	.001	.002	.004	.007	.014	.029
2E-04	.000	.000	.000	.001	.001	.002	.003	.006	.011	.024
1E-04	.000	.000	.000	.000	.001	.001	.002	.004	.008	.017
9E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.016
8E-05	.000	.000	.000	.000	.000	.001	.002	.003	.007	.015
7E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
6E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
5E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
4E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.011
3E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
2E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
8E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
7E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
6E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
5E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001

N= 40

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.502	.637	.773	.887	.959	.990	.9991	.0001	.0001	.000
9E-02	.485	.621	.761	.879	.955	.989	.9981	.0001	.0001	.000
8E-02	.466	.604	.748	.871	.951	.988	.9981	.0001	.0001	.000
7E-02	.446	.585	.733	.861	.947	.986	.9981	.0001	.0001	.000
6E-02	.424	.564	.715	.849	.941	.985	.9981	.0001	.0001	.000
5E-02	.399	.539	.694	.835	.934	.982	.9971	.0001	.0001	.000
4E-02	.370	.510	.669	.818	.925	.979	.9971	.0001	.0001	.000
3E-02	.335	.475	.637	.794	.912	.975	.9961	.0001	.0001	.000
2E-02	.292	.427	.592	.760	.893	.967	.994	.9991	.0001	.000
1E-02	.229	.354	.519	.699	.855	.952	.990	.9991	.0001	.000
9E-03	.220	.344	.508	.690	.849	.949	.990	.9991	.0001	.000
8E-03	.211	.333	.496	.679	.842	.946	.989	.9991	.0001	.000
7E-03	.201	.321	.482	.667	.833	.942	.988	.9991	.0001	.000
6E-03	.190	.307	.467	.653	.824	.937	.987	.9991	.0001	.000
5E-03	.178	.291	.449	.636	.812	.932	.985	.9981	.0001	.000
4E-03	.164	.272	.428	.616	.797	.925	.983	.9981	.0001	.000
3E-03	.147	.250	.401	.589	.777	.914	.980	.9981	.0001	.000
2E-03	.126	.221	.365	.552	.748	.899	.975	.9971	.0001	.000
1E-03	.096	.177	.308	.490	.696	.868	.964	.9951	.0001	.000
9E-04	.092	.171	.299	.481	.688	.863	.962	.9941	.0001	.000
8E-04	.088	.164	.290	.471	.679	.858	.960	.9941	.0001	.000
7E-04	.083	.157	.281	.459	.669	.851	.957	.9941	.0001	.000
6E-04	.078	.149	.269	.446	.656	.843	.954	.9931	.0001	.000
5E-04	.073	.140	.257	.431	.642	.834	.950	.992	.9991	.000
4E-04	.066	.130	.242	.412	.624	.822	.945	.991	.9991	.000
3E-04	.059	.118	.223	.389	.601	.806	.938	.989	.9991	.000
2E-04	.049	.102	.199	.357	.568	.782	.928	.987	.9991	.000
1E-04	.037	.079	.162	.306	.513	.738	.906	.981	.9981	.000
9E-05	.035	.076	.157	.299	.505	.732	.903	.980	.9981	.000
8E-05	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
7E-05	.031	.069	.145	.282	.485	.715	.894	.978	.9981	.000
6E-05	.029	.065	.139	.272	.473	.705	.889	.976	.9981	.000
5E-05	.027	.061	.131	.260	.459	.692	.882	.974	.9971	.000
4E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
3E-05	.021	.050	.111	.229	.420	.657	.861	.968	.9971	.000
2E-05	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000
1E-05	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
9E-06	.012	.031	.074	.167	.335	.572	.806	.948	.9941	.000
8E-06	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
7E-06	.011	.028	.068	.156	.319	.554	.793	.943	.9931	.000
6E-06	.010	.026	.064	.149	.309	.543	.785	.940	.9921	.000
5E-06	.009	.024	.060	.142	.297	.530	.775	.936	.9911	.000
4E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
3E-06	.007	.019	.050	.123	.267	.494	.747	.924	.989	.999
2E-06	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
1E-06	.004	.012	.033	.088	.208	.418	.683	.893	.982	.999

N= 50

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.109	.113	.118	.126	.137	.155	.182	.222	.282	.357
9E-02	.099	.102	.107	.114	.125	.142	.168	.207	.266	.350
8E-02	.088	.091	.096	.102	.113	.129	.154	.192	.249	.332
7E-02	.077	.080	.084	.091	.101	.116	.139	.176	.231	.312
6E-02	.066	.069	.073	.079	.088	.102	.124	.159	.213	.292
5E-02	.056	.058	.061	.067	.075	.088	.109	.142	.193	.269
4E-02	.045	.047	.050	.055	.062	.074	.093	.123	.171	.243
3E-02	.034	.036	.038	.042	.048	.059	.075	.102	.146	.214
2E-02	.023	.024	.026	.029	.034	.043	.056	.080	.118	.179
1E-02	.012	.012	.014	.016	.019	.025	.035	.052	.082	.132
9E-03	.011	.011	.012	.014	.018	.023	.032	.049	.077	.126
8E-03	.009	.010	.011	.013	.016	.021	.030	.045	.072	.119
7E-03	.008	.009	.010	.011	.014	.019	.027	.042	.068	.112
6E-03	.007	.008	.009	.010	.013	.017	.024	.038	.062	.105
5E-03	.006	.006	.007	.009	.011	.015	.022	.034	.057	.096
4E-03	.005	.005	.006	.007	.009	.012	.019	.030	.050	.087
3E-03	.004	.004	.005	.005	.007	.010	.015	.025	.043	.077
2E-03	.002	.003	.003	.004	.005	.007	.012	.020	.035	.064
1E-03	.001	.001	.002	.002	.003	.004	.007	.013	.024	.046
9E-04	.001	.001	.002	.002	.003	.004	.007	.012	.023	.044
8E-04	.001	.001	.001	.002	.002	.004	.006	.011	.021	.041
7E-04	.001	.001	.001	.002	.002	.003	.006	.010	.020	.039
6E-04	.001	.001	.001	.001	.002	.003	.005	.009	.018	.036
5E-04	.001	.001	.001	.001	.002	.003	.005	.008	.017	.033
4E-04	.001	.001	.001	.001	.001	.002	.004	.007	.015	.030
3E-04	.000	.000	.001	.001	.001	.002	.003	.006	.013	.026
2E-04	.000	.000	.000	.001	.001	.001	.002	.005	.010	.021
1E-04	.000	.000	.000	.000	.000	.001	.002	.003	.007	.015
9E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
8E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
7E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.012
6E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
5E-05	.000	.000	.000	.000	.000	.000	.001	.002	.005	.011
4E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
3E-05	.000	.000	.000	.000	.000	.000	.001	.002	.003	.008
2E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
8E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
7E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
6E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 50

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.479	.614	.754	.874	.953	.988	.9981	.0001	.0001	.000
9E-02	.462	.598	.742	.866	.949	.987	.9981	.0001	.0001	.000
8E-02	.443	.581	.728	.857	.945	.986	.9981	.0001	.0001	.000
7E-02	.423	.562	.712	.847	.940	.984	.9981	.0001	.0001	.000
6E-02	.401	.540	.694	.835	.933	.982	.9971	.0001	.0001	.000
5E-02	.377	.516	.673	.820	.926	.980	.9971	.0001	.0001	.000
4E-02	.349	.487	.648	.802	.916	.976	.9961	.0001	.0001	.000
3E-02	.315	.452	.615	.777	.902	.971	.9951	.0001	.0001	.000
2E-02	.273	.405	.570	.742	.882	.963	.993	.9991	.0001	.000
1E-02	.213	.334	.497	.680	.842	.946	.989	.9991	.0001	.000
9E-03	.205	.325	.486	.670	.836	.943	.988	.9991	.0001	.000
8E-03	.196	.314	.474	.659	.828	.940	.987	.9991	.0001	.000
7E-03	.187	.302	.461	.647	.820	.936	.986	.9981	.0001	.000
6E-03	.176	.288	.446	.633	.810	.931	.985	.9981	.0001	.000
5E-03	.165	.273	.428	.616	.797	.925	.983	.9981	.0001	.000
4E-03	.151	.255	.407	.596	.782	.917	.980	.9981	.0001	.000
3E-03	.136	.234	.381	.569	.762	.906	.977	.9971	.0001	.000
2E-03	.116	.206	.346	.532	.732	.890	.972	.9961	.0001	.000
1E-03	.088	.164	.291	.471	.679	.858	.960	.9941	.0001	.000
9E-04	.084	.159	.283	.462	.671	.853	.958	.9941	.0001	.000
8E-04	.080	.153	.274	.452	.662	.847	.956	.9931	.0001	.000
7E-04	.076	.146	.265	.440	.651	.840	.953	.9931	.0001	.000
6E-04	.072	.138	.254	.427	.639	.832	.950	.992	.9991	.000
5E-04	.066	.130	.242	.412	.624	.822	.945	.991	.9991	.000
4E-04	.060	.120	.227	.394	.606	.809	.940	.990	.9991	.000
3E-04	.054	.109	.210	.371	.583	.793	.933	.988	.9991	.000
2E-04	.045	.094	.186	.340	.551	.768	.921	.985	.9991	.000
1E-04	.033	.073	.151	.291	.495	.724	.899	.979	.9981	.000
9E-05	.032	.070	.147	.284	.487	.717	.895	.978	.9981	.000
8E-05	.030	.067	.141	.276	.478	.709	.891	.977	.9981	.000
7E-05	.028	.063	.136	.267	.468	.700	.886	.976	.9981	.000
6E-05	.026	.060	.129	.258	.456	.690	.880	.974	.9971	.000
5E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
4E-05	.022	.051	.113	.233	.425	.662	.864	.969	.9971	.000
3E-05	.019	.046	.103	.217	.404	.641	.852	.965	.9961	.000
2E-05	.016	.039	.090	.195	.375	.613	.833	.958	.9951	.000
1E-05	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
9E-06	.011	.028	.069	.157	.321	.556	.794	.944	.9931	.000
8E-06	.010	.027	.066	.152	.313	.547	.788	.941	.9921	.000
7E-06	.010	.025	.063	.147	.305	.538	.781	.938	.9921	.000
6E-06	.009	.024	.060	.140	.295	.527	.773	.935	.9911	.000
5E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
4E-06	.007	.020	.051	.125	.271	.498	.751	.925	.989	.999
3E-06	.006	.017	.046	.115	.254	.478	.734	.918	.988	.999
2E-06	.005	.015	.040	.102	.232	.450	.711	.907	.985	.999
1E-06	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999

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N= 60

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.108	.111	.116	.123	.133	.149	.174	.212	.269	.351
9E-02	.097	.100	.105	.111	.121	.137	.161	.198	.253	.334
8E-02	.087	.090	.094	.100	.109	.124	.147	.183	.237	.316
7E-02	.076	.079	.083	.088	.097	.111	.133	.167	.220	.297
6E-02	.066	.068	.071	.077	.085	.098	.118	.151	.201	.277
5E-02	.055	.057	.060	.065	.072	.084	.103	.134	.182	.255
4E-02	.044	.046	.049	.053	.060	.070	.088	.116	.161	.230
3E-02	.033	.035	.037	.041	.046	.056	.071	.096	.137	.202
2E-02	.023	.024	.025	.028	.033	.040	.053	.074	.110	.168
1E-02	.011	.012	.013	.015	.018	.023	.032	.048	.076	.123
9E-03	.010	.011	.012	.014	.017	.021	.030	.045	.071	.117
8E-03	.009	.010	.011	.012	.015	.020	.028	.042	.067	.111
7E-03	.008	.009	.010	.011	.013	.018	.025	.039	.062	.105
6E-03	.007	.007	.008	.010	.012	.016	.023	.035	.058	.097
5E-03	.006	.006	.007	.008	.010	.014	.020	.031	.052	.090
4E-03	.005	.005	.006	.007	.008	.011	.017	.027	.046	.081
3E-03	.004	.004	.004	.005	.007	.009	.014	.023	.040	.071
2E-03	.002	.003	.003	.004	.005	.007	.011	.018	.032	.059
1E-03	.001	.001	.002	.002	.003	.004	.007	.012	.022	.042
9E-04	.001	.001	.001	.002	.002	.004	.006	.011	.021	.040
8E-04	.001	.001	.001	.002	.002	.003	.006	.010	.019	.038
7E-04	.001	.001	.001	.001	.002	.003	.005	.009	.018	.036
6E-04	.001	.001	.001	.001	.002	.003	.005	.009	.017	.033
5E-04	.001	.001	.001	.001	.002	.002	.004	.008	.015	.030
4E-04	.001	.001	.001	.001	.001	.002	.004	.007	.013	.027
3E-04	.000	.000	.001	.001	.001	.002	.003	.006	.011	.024
2E-04	.000	.000	.000	.000	.001	.001	.002	.004	.009	.019
1E-04	.000	.000	.000	.000	.000	.001	.001	.003	.006	.014
9E-05	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
8E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
7E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
6E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
5E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
4E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
3E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
2E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
8E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
7E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 60

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.461	.595	.738	.864	.947	.987	.9981	.0001	.0001	.000
9E-02	.444	.579	.726	.855	.943	.985	.9981	.0001	.0001	.000
8E-02	.425	.562	.711	.846	.939	.984	.9981	.0001	.0001	.000
7E-02	.406	.543	.695	.835	.933	.982	.9971	.0001	.0001	.000
6E-02	.384	.522	.677	.822	.927	.980	.9971	.0001	.0001	.000
5E-02	.360	.497	.656	.807	.919	.977	.9961	.0001	.0001	.000
4E-02	.332	.469	.630	.788	.908	.973	.9951	.0001	.0001	.000
3E-02	.299	.434	.597	.763	.894	.968	.994	.9991	.0001	.000
2E-02	.259	.388	.552	.727	.872	.959	.992	.9991	.0001	.000
1E-02	.200	.319	.479	.664	.831	.941	.987	.9991	.0001	.000
9E-03	.193	.309	.469	.654	.824	.938	.987	.9991	.0001	.000
8E-03	.184	.298	.457	.643	.817	.934	.986	.9981	.0001	.000
7E-03	.175	.287	.444	.631	.808	.930	.984	.9981	.0001	.000
6E-03	.166	.274	.429	.617	.798	.925	.983	.9981	.0001	.000
5E-03	.154	.259	.412	.600	.785	.918	.981	.9981	.0001	.000
4E-03	.142	.242	.391	.579	.770	.910	.978	.9971	.0001	.000
3E-03	.127	.221	.365	.553	.749	.899	.975	.9971	.0001	.000
2E-03	.108	.195	.331	.516	.719	.882	.969	.9961	.0001	.000
1E-03	.082	.155	.277	.455	.665	.849	.956	.9931	.0001	.000
9E-04	.078	.149	.270	.446	.657	.843	.954	.9931	.0001	.000
8E-04	.075	.144	.261	.436	.647	.837	.952	.992	.9991	.000
7E-04	.071	.137	.252	.425	.637	.830	.949	.992	.9991	.000
6E-04	.066	.130	.242	.412	.624	.822	.945	.991	.9991	.000
5E-04	.062	.122	.230	.397	.610	.812	.941	.990	.9991	.000
4E-04	.056	.113	.216	.379	.592	.799	.935	.989	.9991	.000
3E-04	.050	.102	.199	.357	.568	.782	.928	.987	.9991	.000
2E-04	.042	.088	.177	.327	.536	.757	.916	.984	.9991	.000
1E-04	.031	.068	.143	.279	.481	.712	.892	.977	.9981	.000
9E-05	.029	.065	.139	.272	.473	.705	.889	.976	.9981	.000
8E-05	.028	.062	.134	.264	.464	.697	.884	.975	.9981	.000
7E-05	.026	.059	.128	.256	.453	.688	.879	.973	.9971	.000
6E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
5E-05	.022	.052	.115	.236	.428	.664	.866	.969	.9971	.000
4E-05	.020	.048	.107	.223	.411	.649	.856	.966	.9961	.000
3E-05	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000
2E-05	.015	.036	.085	.186	.362	.600	.825	.955	.9951	.000
1E-05	.011	.027	.067	.154	.316	.550	.790	.942	.9921	.000
9E-06	.010	.026	.064	.149	.309	.543	.785	.940	.9921	.000
8E-06	.009	.025	.062	.145	.301	.534	.778	.937	.9921	.000
7E-06	.009	.023	.059	.139	.293	.525	.771	.934	.9911	.000
6E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
5E-06	.008	.020	.052	.126	.273	.501	.753	.928	.989	.999
4E-06	.007	.018	.048	.118	.260	.485	.740	.921	.988	.999
3E-06	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
2E-06	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999
1E-06	.003	.010	.029	.078	.189	.392	.658	.879	.979	.999

N= 70

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.107	.110	.114	.121	.130	.145	.168	.204	.259	.338
9E-02	.097	.099	.103	.109	.119	.133	.155	.190	.243	.321
8E-02	.086	.089	.092	.098	.107	.120	.142	.175	.227	.304
7E-02	.076	.078	.081	.087	.095	.108	.128	.160	.210	.285
6E-02	.065	.067	.070	.075	.083	.095	.114	.144	.192	.265
5E-02	.054	.056	.059	.063	.070	.081	.099	.128	.173	.243
4E-02	.044	.045	.048	.052	.058	.068	.084	.110	.153	.219
3E-02	.033	.034	.036	.040	.045	.053	.068	.091	.130	.192
2E-02	.022	.023	.025	.027	.031	.038	.050	.070	.104	.159
1E-02	.011	.012	.013	.015	.017	.022	.030	.045	.071	.116
9E-03	.010	.011	.012	.013	.016	.020	.028	.042	.067	.110
8E-03	.009	.010	.010	.012	.014	.018	.026	.039	.063	.105
7E-03	.008	.008	.009	.011	.013	.017	.024	.036	.058	.098
6E-03	.007	.007	.008	.009	.011	.015	.021	.033	.054	.092
5E-03	.006	.006	.007	.008	.010	.013	.019	.029	.049	.084
4E-03	.005	.005	.005	.006	.008	.011	.016	.025	.043	.076
3E-03	.004	.004	.004	.005	.006	.009	.013	.021	.037	.066
2E-03	.002	.003	.003	.003	.004	.006	.010	.017	.030	.055
1E-03	.001	.001	.002	.002	.003	.004	.006	.011	.020	.039
9E-04	.001	.001	.001	.002	.002	.003	.006	.010	.019	.038
8E-04	.001	.001	.001	.002	.002	.003	.005	.009	.018	.035
7E-04	.001	.001	.001	.001	.002	.003	.005	.009	.017	.033
6E-04	.001	.001	.001	.001	.002	.003	.004	.008	.015	.031
5E-04	.001	.001	.001	.001	.001	.002	.004	.007	.014	.028
4E-04	.001	.001	.001	.001	.001	.002	.003	.006	.012	.025
3E-04	.000	.000	.001	.001	.001	.002	.003	.005	.010	.022
2E-04	.000	.000	.000	.000	.001	.001	.002	.004	.008	.018
1E-04	.000	.000	.000	.000	.000	.001	.001	.003	.006	.013
9E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
8E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
7E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
6E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
5E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
4E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.008
3E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
2E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
8E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 70

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.445	.580	.725	.854	.943	.985	.9981	.0001	.0001	.000
9E-02	.429	.564	.712	.846	.938	.984	.9981	.0001	.0001	.000
8E-02	.410	.546	.697	.836	.933	.982	.9971	.0001	.0001	.000
7E-02	.391	.527	.681	.825	.928	.980	.9971	.0001	.0001	.000
6E-02	.369	.506	.663	.811	.921	.978	.9961	.0001	.0001	.000
5E-02	.346	.482	.641	.796	.912	.975	.9961	.0001	.0001	.000
4E-02	.318	.453	.615	.776	.901	.971	.9951	.0001	.0001	.000
3E-02	.286	.419	.582	.751	.887	.965	.994	.9991	.0001	.000
2E-02	.247	.374	.537	.714	.864	.955	.991	.9991	.0001	.000
1E-02	.190	.306	.465	.650	.822	.936	.986	.9981	.0001	.000
9E-03	.183	.296	.454	.640	.815	.933	.985	.9981	.0001	.000
8E-03	.175	.286	.442	.629	.807	.929	.984	.9981	.0001	.000
7E-03	.166	.275	.429	.617	.798	.925	.983	.9981	.0001	.000
6E-03	.157	.262	.415	.603	.787	.919	.981	.9981	.0001	.000
5E-03	.146	.248	.398	.586	.775	.913	.979	.9971	.0001	.000
4E-03	.134	.231	.377	.565	.759	.904	.976	.9971	.0001	.000
3E-03	.120	.211	.352	.539	.738	.893	.973	.9961	.0001	.000
2E-03	.102	.185	.319	.503	.707	.875	.966	.9951	.0001	.000
1E-03	.077	.147	.266	.442	.653	.841	.953	.9931	.0001	.000
9E-04	.074	.142	.259	.433	.644	.835	.951	.992	.9991	.000
8E-04	.070	.136	.251	.423	.635	.829	.949	.992	.9991	.000
7E-04	.067	.130	.242	.412	.624	.822	.945	.991	.9991	.000
6E-04	.062	.123	.232	.400	.612	.813	.942	.990	.9991	.000
5E-04	.058	.116	.220	.385	.597	.803	.937	.989	.9991	.000
4E-04	.053	.107	.207	.367	.579	.790	.931	.986	.9991	.000
3E-04	.046	.096	.190	.345	.556	.772	.923	.986	.9991	.000
2E-04	.039	.083	.169	.316	.524	.747	.911	.983	.9991	.000
1E-04	.029	.064	.136	.269	.469	.701	.887	.976	.9981	.000
9E-05	.027	.061	.132	.262	.461	.694	.883	.975	.9981	.000
8E-05	.026	.059	.127	.255	.452	.686	.878	.973	.9971	.000
7E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
6E-05	.023	.052	.116	.237	.430	.666	.867	.970	.9971	.000
5E-05	.021	.049	.109	.227	.417	.654	.859	.967	.9971	.000
4E-05	.019	.045	.102	.214	.400	.638	.849	.964	.9961	.000
3E-05	.017	.040	.092	.199	.379	.618	.836	.960	.9951	.000
2E-05	.014	.034	.081	.178	.351	.589	.817	.953	.9941	.000
1E-05	.010	.025	.063	.147	.306	.539	.782	.939	.9921	.000
9E-06	.009	.024	.061	.143	.299	.532	.777	.936	.9911	.000
8E-06	.009	.023	.059	.138	.292	.523	.770	.934	.9911	.000
7E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
6E-06	.008	.020	.053	.127	.275	.503	.754	.927	.990	.999
5E-06	.007	.019	.049	.121	.264	.490	.744	.922	.989	.999
4E-06	.006	.017	.046	.113	.251	.475	.731	.917	.988	.999
3E-06	.005	.015	.041	.104	.236	.455	.715	.909	.986	.999
2E-06	.004	.013	.035	.092	.215	.427	.691	.897	.983	.999
1E-06	.003	.009	.027	.074	.182	.382	.648	.874	.978	.999

N= 80

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.106	.109	.113	.119	.128	.142	.164	.198	.250	.327
9E-02	.096	.098	.102	.108	.116	.130	.151	.184	.235	.310
8E-02	.086	.088	.091	.096	.105	.117	.138	.169	.219	.293
7E-02	.075	.077	.080	.085	.093	.105	.124	.155	.202	.275
6E-02	.065	.066	.069	.074	.081	.092	.110	.139	.185	.255
5E-02	.054	.056	.058	.062	.069	.079	.096	.123	.166	.234
4E-02	.043	.045	.047	.051	.056	.065	.081	.106	.146	.211
3E-02	.033	.034	.036	.039	.044	.052	.065	.087	.124	.184
2E-02	.022	.023	.024	.027	.031	.037	.048	.067	.099	.152
1E-02	.011	.012	.013	.014	.017	.021	.029	.043	.067	.110
9E-03	.010	.011	.011	.013	.015	.019	.027	.040	.063	.105
8E-03	.009	.009	.010	.012	.014	.018	.025	.037	.059	.099
7E-03	.008	.008	.009	.010	.012	.016	.022	.034	.055	.093
6E-03	.007	.007	.008	.009	.011	.014	.020	.031	.051	.087
5E-03	.006	.006	.007	.008	.009	.012	.018	.027	.046	.080
4E-03	.005	.005	.005	.006	.008	.010	.015	.024	.041	.072
3E-03	.003	.004	.004	.005	.006	.008	.012	.020	.035	.063
2E-03	.002	.003	.003	.003	.004	.006	.009	.016	.028	.052
1E-03	.001	.001	.001	.002	.002	.003	.006	.010	.019	.037
9E-04	.001	.001	.001	.002	.002	.003	.005	.009	.018	.035
8E-04	.001	.001	.001	.001	.002	.003	.005	.009	.017	.033
7E-04	.001	.001	.001	.001	.002	.003	.004	.008	.016	.031
6E-04	.001	.001	.001	.001	.002	.002	.004	.007	.014	.029
5E-04	.001	.001	.001	.001	.001	.002	.004	.007	.013	.027
4E-04	.000	.001	.001	.001	.001	.002	.003	.006	.011	.024
3E-04	.000	.000	.000	.001	.001	.001	.002	.005	.010	.021
2E-04	.000	.000	.000	.000	.001	.001	.002	.004	.008	.017
1E-04	.000	.000	.000	.000	.000	.001	.001	.002	.005	.012
9E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
8E-05	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
7E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.010
6E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
5E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.008
4E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
3E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.006
2E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
9E-06	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 80

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.433	.566	.713	.846	.938	.984	.9971	.0001	.0001	.000
9E-02	.416	.550	.700	.837	.934	.982	.9971	.0001	.0001	.000
8E-02	.398	.533	.685	.827	.929	.980	.9971	.0001	.0001	.000
7E-02	.378	.514	.669	.815	.923	.978	.9961	.0001	.0001	.000
6E-02	.357	.492	.650	.802	.916	.976	.9961	.0001	.0001	.000
5E-02	.334	.468	.628	.786	.907	.972	.9951	.0001	.0001	.000
4E-02	.307	.440	.602	.766	.895	.968	.9941	.0001	.0001	.000
3E-02	.276	.406	.569	.740	.880	.962	.993	.9991	.0001	.000
2E-02	.237	.361	.524	.703	.857	.952	.990	.9991	.0001	.000
1E-02	.182	.295	.452	.638	.813	.932	.985	.9981	.0001	.000
9E-03	.175	.286	.442	.629	.806	.929	.984	.9981	.0001	.000
8E-03	.167	.276	.430	.618	.798	.925	.983	.9981	.0001	.000
7E-03	.159	.265	.417	.605	.789	.920	.982	.9981	.0001	.000
6E-03	.150	.252	.403	.591	.778	.915	.980	.9981	.0001	.000
5E-03	.139	.238	.386	.574	.765	.908	.978	.9971	.0001	.000
4E-03	.128	.222	.366	.553	.749	.899	.975	.9971	.0001	.000
3E-03	.114	.203	.341	.527	.728	.887	.971	.9961	.0001	.000
2E-03	.097	.178	.308	.491	.697	.869	.964	.9951	.0001	.000
1E-03	.073	.141	.257	.431	.642	.834	.951	.992	.9991	.000
9E-04	.070	.136	.250	.422	.634	.828	.948	.992	.9991	.000
8E-04	.067	.130	.242	.412	.624	.822	.945	.991	.9991	.000
7E-04	.063	.124	.233	.401	.614	.814	.942	.990	.9991	.000
6E-04	.059	.118	.223	.389	.601	.806	.939	.989	.9991	.000
5E-04	.055	.110	.212	.374	.587	.795	.934	.988	.9991	.000
4E-04	.050	.102	.199	.357	.569	.782	.928	.987	.9991	.000
3E-04	.044	.092	.183	.335	.545	.764	.919	.985	.9991	.000
2E-04	.037	.079	.162	.306	.513	.738	.906	.981	.9981	.000
1E-04	.027	.061	.131	.260	.459	.692	.882	.974	.9971	.000
9E-05	.026	.058	.127	.254	.451	.685	.878	.973	.9971	.000
8E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
7E-05	.023	.053	.117	.238	.432	.668	.868	.970	.9971	.000
6E-05	.021	.050	.111	.229	.420	.657	.861	.968	.9971	.000
5E-05	.020	.046	.105	.219	.407	.644	.853	.965	.9961	.000
4E-05	.018	.042	.097	.207	.390	.629	.843	.962	.9961	.000
3E-05	.016	.038	.088	.192	.370	.608	.830	.957	.9951	.000
2E-05	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
1E-05	.009	.024	.060	.142	.297	.530	.775	.936	.9911	.000
9E-06	.009	.023	.058	.138	.291	.522	.769	.933	.9911	.000
8E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
7E-06	.008	.021	.053	.128	.276	.504	.756	.927	.990	.999
6E-06	.007	.019	.050	.123	.267	.494	.747	.924	.989	.999
5E-06	.007	.018	.047	.116	.256	.481	.737	.919	.988	.999
4E-06	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
3E-06	.005	.014	.039	.100	.229	.446	.707	.905	.985	.999
2E-06	.004	.012	.033	.088	.208	.418	.683	.893	.982	.999
1E-06	.003	.009	.026	.071	.176	.373	.640	.869	.976	.998

N= 90

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.10^{6}	.10^{8}	.112	.11^{7}	.126	.139	.160	.19^{3}	.243	.31^{7}
9E-02	.09^{6}	.09^{8}	.101	.10^{6}	.114	.12^{7}	.147	.17^{9}	.228	.30^{1}
8E-02	.08^{5}	.08^{7}	.09^{0}	.09^{5}	.103	.11^{5}	.134	.16^{4}	.212	.28^{4}
7E-02	.07^{5}	.07^{7}	.07^{9}	.08^{4}	.09^{1}	.102	.121	.15^{0}	.19^{6}	.256
6E-02	.06^{4}	.06^{6}	.06^{9}	.07^{3}	.07^{9}	.09^{0}	.10^{7}	.135	.17^{9}	.247
5E-02	.05^{4}	.05^{5}	.05^{8}	.06^{1}	.06^{7}	.07^{7}	.09^{3}	.119	.16^{0}	.226
4E-02	.04^{3}	.04^{4}	.04^{7}	.05^{0}	.05^{5}	.06^{4}	.07^{8}	.102	.14^{1}	.203
3E-02	.03^{2}	.03^{4}	.03^{5}	.03^{8}	.04^{3}	.05^{0}	.06^{3}	.08^{4}	.11^{9}	.17^{7}
2E-02	.02^{2}	.02^{3}	.02^{4}	.02^{6}	.03^{0}	.03^{6}	.04^{6}	.06^{4}	.09^{5}	.14^{6}
1E-02	.01^{1}	.01^{2}	.01^{2}	.01^{4}	.01^{6}	.02^{0}	.02^{8}	.04^{1}	.06^{4}	.10^{5}
9E-03	.01^{0}	.01^{0}	.01^{1}	.01^{3}	.01^{5}	.01^{9}	.02^{6}	.03^{8}	.06^{0}	.10^{0}
8E-03	.00^{9}	.00^{9}	.01^{0}	.01^{1}	.01^{3}	.01^{7}	.02^{3}	.03^{5}	.05^{7}	.09^{5}
7E-03	.00^{8}	.00^{8}	.00^{9}	.01^{0}	.01^{2}	.01^{5}	.02^{1}	.03^{2}	.05^{3}	.08^{9}
6E-03	.00^{7}	.00^{7}	.00^{8}	.00^{9}	.01^{0}	.01^{3}	.01^{9}	.02^{9}	.04^{8}	.08^{3}
5E-03	.00^{6}	.00^{6}	.00^{6}	.00^{7}	.00^{9}	.01^{2}	.01^{7}	.02^{6}	.04^{4}	.07^{6}
4E-03	.00^{5}	.00^{5}	.00^{5}	.00^{6}	.00^{7}	.01^{0}	.01^{4}	.02^{3}	.03^{9}	.06^{8}
3E-03	.00^{3}	.00^{4}	.00^{4}	.00^{5}	.00^{6}	.00^{8}	.01^{2}	.01^{9}	.03^{3}	.06^{0}
2E-03	.00^{2}	.00^{2}	.00^{3}	.00^{3}	.00^{4}	.00^{6}	.00^{9}	.01^{5}	.02^{6}	.04^{9}
1E-03	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{2}	.00^{3}	.00^{5}	.00^{9}	.01^{8}	.03^{5}
9E-04	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{2}	.00^{3}	.00^{5}	.00^{9}	.01^{7}	.03^{3}
8E-04	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{3}	.00^{5}	.00^{8}	.01^{6}	.03^{2}
7E-04	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{3}	.00^{4}	.00^{8}	.01^{5}	.03^{0}
6E-04	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{4}	.00^{7}	.01^{4}	.02^{7}
5E-04	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{3}	.00^{6}	.01^{2}	.02^{5}
4E-04	.00^{0}	.00^{1}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{3}	.00^{5}	.01^{1}	.02^{2}
3E-04	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{1}	.00^{2}	.00^{4}	.00^{9}	.01^{9}
2E-04	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{2}	.00^{3}	.00^{7}	.01^{6}
1E-04	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{2}	.00^{5}	.01^{1}
9E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{2}	.00^{5}	.01^{1}
8E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}	.00^{4}	.01^{0}
7E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}	.00^{4}	.00^{9}
6E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}	.00^{4}	.00^{9}
5E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{3}	.00^{8}
4E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{3}	.00^{7}
3E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}	.00^{6}
2E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}	.00^{5}
1E-05	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{1}	.00^{3}
9E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{3}
8E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{3}
7E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{3}
6E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{3}
5E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}
4E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}
3E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}	.00^{2}
2E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}
1E-06	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{0}	.00^{1}

N= 90

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.422	.555	.702	.838	.934	.982	.9971	.0001	.0001	.000
9E-02	.405	.538	.689	.829	.930	.981	.9971	.0001	.0001	.000
8E-02	.387	.521	.674	.819	.924	.979	.9971	.0001	.0001	.000
7E-02	.368	.502	.657	.807	.918	.977	.9961	.0001	.0001	.000
6E-02	.347	.481	.639	.793	.911	.974	.9961	.0001	.0001	.000
5E-02	.324	.457	.617	.777	.901	.970	.9951	.0001	.0001	.000
4E-02	.297	.429	.590	.757	.890	.966	.994	.9991	.0001	.000
3E-02	.266	.395	.557	.730	.874	.960	.992	.9991	.0001	.000
2E-02	.228	.351	.513	.693	.850	.949	.990	.9991	.0001	.000
1E-02	.175	.285	.441	.628	.806	.929	.984	.9981	.0001	.000
9E-03	.168	.276	.431	.618	.798	.925	.983	.9981	.0001	.000
8E-03	.161	.267	.419	.607	.790	.921	.982	.9981	.0001	.000
7E-03	.153	.256	.407	.595	.781	.916	.980	.9981	.0001	.000
6E-03	.144	.244	.392	.580	.770	.910	.978	.9971	.0001	.000
5E-03	.134	.230	.376	.563	.757	.903	.976	.9971	.0001	.000
4E-03	.122	.214	.356	.543	.741	.894	.973	.9961	.0001	.000
3E-03	.109	.195	.332	.517	.719	.882	.969	.9961	.0001	.000
2E-03	.093	.171	.299	.481	.688	.863	.962	.9941	.0001	.000
1E-03	.070	.135	.249	.421	.633	.828	.948	.992	.9991	.000
9E-04	.067	.130	.242	.412	.624	.822	.945	.991	.9991	.000
8E-04	.063	.125	.234	.403	.615	.815	.943	.990	.9991	.000
7E-04	.060	.119	.226	.392	.604	.808	.939	.990	.9991	.000
6E-04	.056	.113	.216	.380	.592	.799	.935	.989	.9991	.000
5E-04	.052	.106	.205	.365	.577	.788	.931	.988	.9991	.000
4E-04	.047	.098	.192	.348	.559	.775	.924	.986	.9991	.000
3E-04	.042	.088	.177	.327	.536	.757	.916	.984	.9991	.000
2E-04	.035	.076	.156	.298	.504	.731	.902	.980	.9981	.000
1E-04	.026	.058	.126	.253	.450	.684	.877	.973	.9971	.000
9E-05	.024	.056	.122	.246	.442	.677	.873	.972	.9971	.000
8E-05	.023	.053	.117	.239	.433	.669	.868	.970	.9971	.000
7E-05	.022	.051	.112	.232	.423	.660	.863	.968	.9971	.000
6E-05	.020	.048	.107	.223	.411	.649	.856	.966	.9961	.000
5E-05	.019	.044	.101	.213	.398	.636	.848	.964	.9961	.000
4E-05	.017	.040	.094	.201	.382	.620	.838	.960	.9951	.000
3E-05	.015	.036	.085	.186	.362	.600	.825	.955	.9951	.000
2E-05	.012	.030	.074	.167	.334	.571	.805	.948	.9931	.000
1E-05	.009	.023	.058	.137	.290	.521	.769	.933	.9911	.000
9E-06	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
8E-06	.008	.021	.053	.129	.277	.506	.756	.928	.990	.999
7E-06	.007	.020	.051	.124	.269	.496	.749	.925	.989	.999
6E-06	.007	.018	.048	.118	.260	.485	.740	.921	.988	.999
5E-06	.006	.017	.045	.112	.250	.473	.730	.916	.987	.999
4E-06	.006	.015	.041	.105	.238	.457	.717	.910	.986	.999
3E-06	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999
2E-06	.004	.011	.032	.085	.202	.410	.675	.889	.981	.999
1E-06	.003	.008	.024	.068	.171	.366	.633	.865	.975	.998

N= 100

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.105	.108	.111	.116	.124	.137	.157	.188	.237	.309
9E-02	.095	.097	.100	.105	.113	.125	.144	.174	.222	.293
8E-02	.085	.087	.090	.094	.101	.113	.131	.160	.206	.276
7E-02	.074	.076	.079	.083	.090	.100	.118	.146	.190	.259
6E-02	.064	.065	.068	.072	.078	.088	.104	.131	.173	.240
5E-02	.053	.055	.057	.061	.066	.075	.090	.115	.155	.219
4E-02	.043	.044	.046	.049	.054	.062	.076	.099	.136	.196
3E-02	.032	.033	.035	.038	.042	.049	.061	.081	.115	.171
2E-02	.022	.022	.024	.026	.029	.035	.045	.062	.091	.141
1E-02	.011	.011	.012	.014	.016	.020	.027	.039	.061	.101
9E-03	.010	.010	.011	.012	.014	.018	.025	.036	.058	.096
8E-03	.009	.009	.010	.011	.013	.016	.022	.034	.054	.091
7E-03	.008	.008	.009	.010	.012	.015	.020	.031	.050	.085
6E-03	.007	.007	.008	.008	.010	.013	.018	.028	.046	.079
5E-03	.006	.006	.006	.007	.009	.011	.016	.025	.042	.073
4E-03	.004	.005	.005	.006	.007	.009	.014	.022	.037	.065
3E-03	.003	.004	.004	.005	.006	.007	.011	.018	.031	.057
2E-03	.002	.002	.003	.003	.004	.005	.008	.014	.025	.047
1E-03	.001	.001	.001	.002	.002	.003	.005	.009	.017	.034
9E-04	.001	.001	.001	.002	.002	.003	.005	.008	.016	.032
8E-04	.001	.001	.001	.001	.002	.003	.004	.008	.015	.030
7E-04	.001	.001	.001	.001	.002	.002	.004	.007	.014	.028
6E-04	.001	.001	.001	.001	.001	.002	.004	.007	.013	.026
5E-04	.001	.001	.001	.001	.001	.002	.003	.006	.012	.024
4E-04	.000	.001	.001	.001	.001	.002	.003	.005	.010	.021
3E-04	.000	.000	.000	.001	.001	.001	.002	.004	.009	.018
2E-04	.000	.000	.000	.000	.001	.001	.002	.003	.007	.015
1E-04	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
9E-05	.000	.000	.000	.000	.000	.001	.001	.002	.004	.010
8E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
7E-05	.000	.000	.000	.000	.000	.000	.001	.002	.004	.009
6E-05	.000	.000	.000	.000	.000	.000	.001	.002	.003	.008
5E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
4E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
3E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
2E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 100

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.412	.544	.693	.831	.931	.981	.997	1.000	1.000	1.000
9E-02	.395	.528	.679	.822	.926	.979	.997	1.000	1.000	1.000
8E-02	.378	.511	.664	.811	.920	.977	.996	1.000	1.000	1.000
7E-02	.358	.492	.648	.799	.914	.975	.996	1.000	1.000	1.000
6E-02	.338	.470	.628	.785	.906	.972	.995	1.000	1.000	1.000
5E-02	.315	.446	.606	.769	.897	.969	.994	1.000	1.000	1.000
4E-02	.289	.419	.580	.748	.885	.964	.993	.999	1.000	1.000
3E-02	.258	.385	.547	.721	.868	.957	.992	.999	1.000	1.000
2E-02	.221	.342	.502	.683	.844	.947	.989	.999	1.000	1.000
1E-02	.169	.277	.431	.618	.799	.925	.983	.998	1.000	1.000
9E-03	.162	.268	.421	.609	.791	.921	.982	.998	1.000	1.000
8E-03	.155	.259	.410	.598	.783	.917	.981	.998	1.000	1.000
7E-03	.147	.248	.397	.585	.774	.912	.979	.997	1.000	1.000
6E-03	.138	.236	.383	.571	.763	.906	.977	.997	1.000	1.000
5E-03	.129	.223	.367	.554	.749	.899	.975	.997	1.000	1.000
4E-03	.118	.208	.347	.533	.733	.890	.972	.996	1.000	1.000
3E-03	.105	.189	.323	.507	.711	.877	.967	.995	1.000	1.000
2E-03	.089	.165	.291	.471	.680	.858	.960	.994	1.000	1.000
1E-03	.067	.130	.242	.412	.624	.822	.946	.991	.999	1.000
9E-04	.064	.126	.235	.404	.616	.816	.943	.990	.999	1.000
8E-04	.061	.121	.228	.394	.606	.809	.940	.990	.999	1.000
7E-04	.057	.115	.219	.384	.596	.802	.937	.989	.999	1.000
6E-04	.054	.109	.210	.371	.583	.793	.933	.988	.999	1.000
5E-04	.050	.102	.199	.357	.569	.782	.928	.987	.999	1.000
4E-04	.045	.094	.187	.340	.551	.768	.921	.985	.999	1.000
3E-04	.040	.085	.171	.319	.528	.750	.912	.983	.999	1.000
2E-04	.033	.073	.152	.291	.495	.724	.899	.979	.998	1.000
1E-04	.024	.056	.122	.246	.442	.677	.873	.972	.997	1.000
9E-05	.023	.054	.118	.240	.434	.670	.869	.970	.997	1.000
8E-05	.022	.051	.114	.233	.425	.662	.864	.969	.997	1.000
7E-05	.021	.048	.109	.225	.415	.652	.858	.967	.996	1.000
6E-05	.019	.046	.103	.217	.404	.641	.852	.965	.996	1.000
5E-05	.018	.042	.097	.207	.391	.629	.844	.962	.996	1.000
4E-05	.016	.039	.090	.195	.375	.613	.833	.958	.995	1.000
3E-05	.014	.034	.082	.181	.355	.592	.820	.953	.994	1.000
2E-05	.012	.029	.071	.162	.327	.563	.800	.946	.993	1.000
1E-05	.008	.022	.056	.133	.284	.514	.763	.931	.990	1.000
9E-06	.008	.021	.054	.129	.278	.506	.757	.928	.990	.999
8E-06	.007	.020	.051	.125	.271	.498	.751	.925	.989	.999
7E-06	.007	.019	.049	.120	.263	.489	.743	.922	.989	.999
6E-06	.006	.017	.046	.115	.254	.478	.734	.918	.988	.999
5E-06	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
4E-06	.005	.015	.040	.102	.232	.450	.711	.907	.985	.999
3E-06	.005	.013	.036	.093	.217	.430	.694	.898	.983	.999
2E-06	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999
1E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998

N= 200

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.103	.105	.107	.110	.116	.124	.139	.162	.201	.262
9E-02	.093	.094	.096	.100	.105	.113	.127	.150	.187	.247
8E-02	.083	.084	.086	.089	.094	.102	.115	.137	.173	.231
7E-02	.073	.074	.075	.078	.083	.090	.103	.123	.158	.215
6E-02	.062	.063	.065	.067	.072	.078	.090	.110	.143	.197
5E-02	.052	.053	.054	.057	.060	.067	.077	.096	.127	.179
4E-02	.042	.042	.044	.046	.049	.055	.064	.081	.110	.159
3E-02	.031	.032	.033	.035	.037	.042	.051	.065	.091	.136
2E-02	.021	.021	.022	.024	.026	.030	.036	.049	.071	.110
1E-02	.011	.011	.011	.012	.014	.016	.021	.030	.046	.077
9E-03	.010	.010	.010	.011	.012	.015	.019	.028	.044	.073
8E-03	.008	.009	.009	.010	.011	.013	.018	.026	.041	.069
7E-03	.007	.008	.008	.009	.010	.012	.016	.023	.038	.065
6E-03	.006	.007	.007	.007	.009	.010	.014	.021	.034	.060
5E-03	.005	.006	.006	.006	.007	.009	.012	.018	.031	.055
4E-03	.004	.004	.005	.005	.006	.007	.010	.016	.027	.049
3E-03	.003	.003	.004	.004	.005	.006	.008	.013	.023	.042
2E-03	.002	.002	.002	.003	.003	.004	.006	.010	.018	.035
1E-03	.001	.001	.001	.001	.002	.002	.004	.006	.012	.024
9E-04	.001	.001	.001	.001	.002	.002	.003	.006	.011	.023
8E-04	.001	.001	.001	.001	.001	.002	.003	.005	.011	.022
7E-04	.001	.001	.001	.001	.001	.002	.003	.005	.010	.020
6E-04	.001	.001	.001	.001	.001	.002	.003	.005	.009	.019
5E-04	.001	.001	.001	.001	.001	.001	.002	.004	.008	.017
4E-04	.000	.000	.001	.001	.001	.001	.002	.003	.007	.015
3E-04	.000	.000	.000	.000	.001	.001	.002	.003	.006	.013
2E-04	.000	.000	.000	.000	.000	.001	.001	.002	.005	.011
1E-04	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
9E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
8E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
7E-05	.000	.000	.000	.000	.000	.000	.001	.001	.003	.006
6E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.006
5E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
4E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
3E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001

N= 200

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.353	.478	.630	.783	.903	.971	.9951	.0001	.0001	.000
9E-02	.337	.462	.615	.772	.897	.968	.994	.9991	.0001	.000
8E-02	.320	.445	.599	.760	.890	.966	.994	.9991	.0001	.000
7E-02	.302	.426	.582	.747	.883	.963	.993	.9991	.0001	.000
6E-02	.282	.405	.563	.731	.873	.959	.992	.9991	.0001	.000
5E-02	.261	.382	.540	.713	.862	.954	.991	.9991	.0001	.000
4E-02	.238	.356	.514	.691	.848	.948	.989	.9991	.0001	.000
3E-02	.211	.325	.481	.662	.829	.939	.987	.9991	.0001	.000
2E-02	.178	.285	.438	.623	.801	.926	.983	.9981	.0001	.000
1E-02	.133	.227	.370	.556	.751	.900	.975	.9971	.0001	.000
9E-03	.127	.219	.361	.547	.743	.895	.973	.9971	.0001	.000
8E-03	.121	.211	.350	.536	.734	.890	.972	.9961	.0001	.000
7E-03	.115	.202	.338	.523	.724	.885	.970	.9961	.0001	.000
6E-03	.108	.192	.325	.509	.712	.878	.967	.9951	.0001	.000
5E-03	.100	.180	.310	.493	.698	.869	.964	.9951	.0001	.000
4E-03	.091	.167	.293	.473	.680	.858	.960	.9941	.0001	.000
3E-03	.080	.151	.271	.447	.657	.844	.954	.9931	.0001	.000
2E-03	.068	.131	.243	.413	.625	.822	.946	.991	.9991	.000
1E-03	.050	.102	.200	.358	.569	.782	.928	.987	.9991	.000
9E-04	.048	.099	.193	.349	.560	.776	.925	.986	.9991	.000
8E-04	.046	.094	.187	.341	.551	.768	.921	.985	.9991	.000
7E-04	.043	.090	.180	.331	.540	.760	.917	.984	.9991	.000
6E-04	.040	.085	.172	.320	.528	.750	.912	.983	.9991	.000
5E-04	.037	.079	.162	.307	.513	.738	.906	.981	.9981	.000
4E-04	.034	.073	.152	.291	.496	.724	.899	.979	.9981	.000
3E-04	.029	.065	.139	.272	.473	.705	.889	.976	.9981	.000
2E-04	.025	.056	.122	.247	.442	.677	.873	.972	.9971	.000
1E-04	.018	.042	.097	.207	.391	.629	.844	.962	.9961	.000
9E-05	.017	.041	.094	.201	.383	.621	.839	.960	.9961	.000
8E-05	.016	.039	.090	.195	.375	.613	.833	.958	.9951	.000
7E-05	.015	.037	.086	.188	.365	.603	.827	.956	.9951	.000
6E-05	.014	.034	.082	.181	.355	.592	.820	.953	.9941	.000
5E-05	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
4E-05	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
3E-05	.010	.026	.064	.150	.309	.543	.785	.940	.9921	.000
2E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
1E-05	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
9E-06	.006	.015	.042	.105	.238	.458	.718	.910	.986	.999
8E-06	.005	.015	.040	.102	.232	.450	.711	.907	.985	.999
7E-06	.005	.014	.038	.098	.225	.441	.703	.903	.984	.999
6E-06	.005	.013	.036	.093	.217	.430	.694	.898	.983	.999
5E-06	.004	.012	.033	.088	.208	.418	.683	.893	.982	.999
4E-06	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999
3E-06	.003	.009	.027	.075	.184	.385	.651	.876	.978	.999
2E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
1E-06	.002	.006	.018	.053	.140	.318	.582	.835	.967	.997

N= 300

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.102	.103	.105	.108	.112	.119	.131	.151	.184	.238
9E-02	.092	.093	.095	.097	.101	.108	.119	.139	.171	.224
8E-02	.082	.083	.084	.087	.091	.097	.108	.126	.157	.209
7E-02	.072	.073	.074	.076	.080	.086	.096	.113	.143	.193
6E-02	.062	.062	.064	.066	.069	.074	.084	.100	.129	.177
5E-02	.051	.052	.053	.055	.058	.063	.072	.087	.114	.159
4E-02	.041	.042	.043	.044	.047	.051	.059	.073	.098	.140
3E-02	.031	.031	.032	.033	.036	.039	.046	.059	.081	.120
2E-02	.021	.021	.022	.023	.024	.027	.033	.043	.062	.096
1E-02	.010	.011	.011	.012	.013	.015	.019	.026	.040	.066
9E-03	.009	.010	.010	.010	.012	.013	.017	.024	.037	.063
8E-03	.008	.009	.009	.009	.010	.012	.015	.022	.035	.059
7E-03	.007	.007	.008	.008	.009	.011	.014	.020	.032	.055
6E-03	.006	.006	.007	.007	.008	.009	.012	.018	.029	.051
5E-03	.005	.005	.006	.006	.007	.008	.011	.016	.026	.046
4E-03	.004	.004	.004	.005	.005	.007	.009	.013	.023	.041
3E-03	.003	.003	.003	.004	.004	.005	.007	.011	.019	.035
2E-03	.002	.002	.002	.002	.003	.004	.005	.008	.015	.029
1E-03	.001	.001	.001	.001	.002	.002	.003	.005	.010	.020
9E-04	.001	.001	.001	.001	.001	.002	.003	.005	.009	.019
8E-04	.001	.001	.001	.001	.001	.002	.003	.004	.009	.018
7E-04	.001	.001	.001	.001	.001	.002	.002	.004	.008	.017
6E-04	.001	.001	.001	.001	.001	.001	.002	.004	.007	.015
5E-04	.001	.001	.001	.001	.001	.001	.002	.003	.007	.014
4E-04	.000	.000	.000	.001	.001	.001	.002	.003	.006	.013
3E-04	.000	.000	.000	.000	.001	.001	.001	.002	.005	.011
2E-04	.000	.000	.000	.000	.000	.001	.001	.002	.004	.009
1E-04	.000	.000	.000	.000	.000	.000	.001	.001	.003	.006
9E-05	.000	.000	.000	.000	.000	.000	.001	.001	.002	.006
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
6E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
5E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
4E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
3E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 300

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.322	.442	.593	.752	.885	.963	.993	.9991	.0001	.000
9E-02	.307	.426	.578	.741	.878	.961	.992	.9991	.0001	.000
8E-02	.290	.409	.562	.728	.870	.957	.992	.9991	.0001	.000
7E-02	.273	.390	.544	.714	.862	.954	.991	.9991	.0001	.000
6E-02	.254	.370	.525	.698	.851	.949	.990	.9991	.0001	.000
5E-02	.234	.348	.502	.679	.839	.944	.988	.9991	.0001	.000
4E-02	.212	.322	.476	.656	.824	.937	.986	.9981	.0001	.000
3E-02	.186	.292	.444	.627	.803	.927	.983	.9981	.0001	.000
2E-02	.156	.255	.401	.587	.774	.912	.979	.9971	.0001	.000
1E-02	.116	.201	.337	.520	.721	.883	.969	.9961	.0001	.000
9E-03	.110	.194	.328	.511	.713	.878	.967	.9951	.0001	.000
8E-03	.105	.186	.318	.500	.704	.873	.965	.9951	.0001	.000
7E-03	.099	.178	.307	.488	.693	.866	.963	.9951	.0001	.000
6E-03	.093	.169	.294	.474	.681	.859	.960	.9941	.0001	.000
5E-03	.086	.158	.280	.458	.666	.849	.957	.9931	.0001	.000
4E-03	.078	.146	.264	.438	.648	.838	.952	.992	.9991	.000
3E-03	.069	.132	.244	.414	.625	.822	.946	.991	.9991	.000
2E-03	.058	.114	.217	.381	.592	.799	.936	.989	.9991	.000
1E-03	.042	.089	.177	.327	.536	.757	.916	.984	.9991	.000
9E-04	.040	.085	.172	.320	.528	.750	.912	.983	.9991	.000
8E-04	.038	.082	.166	.311	.518	.743	.909	.982	.9981	.000
7E-04	.036	.078	.159	.302	.508	.734	.904	.981	.9981	.000
6E-04	.034	.073	.152	.291	.496	.724	.899	.979	.9981	.000
5E-04	.031	.068	.144	.279	.481	.712	.892	.977	.9981	.000
4E-04	.028	.063	.134	.265	.464	.697	.884	.975	.9981	.000
3E-04	.025	.056	.122	.247	.442	.677	.873	.972	.9971	.000
2E-04	.020	.048	.107	.223	.412	.649	.856	.966	.9961	.000
1E-04	.015	.036	.085	.186	.352	.600	.825	.955	.9951	.000
9E-05	.014	.035	.082	.181	.355	.592	.820	.953	.9941	.000
8E-05	.013	.033	.079	.175	.347	.584	.814	.951	.9941	.000
7E-05	.012	.031	.075	.169	.338	.574	.807	.949	.9941	.000
6E-05	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
5E-05	.011	.027	.067	.154	.316	.550	.790	.942	.9921	.000
4E-05	.010	.025	.062	.145	.301	.534	.778	.937	.9921	.000
3E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
2E-05	.007	.018	.048	.118	.260	.485	.740	.921	.988	.999
1E-05	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999
9E-06	.005	.013	.036	.093	.217	.430	.694	.898	.983	.999
8E-06	.004	.012	.034	.090	.211	.423	.686	.895	.983	.999
7E-06	.004	.012	.033	.086	.205	.414	.678	.890	.982	.999
6E-06	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999
5E-06	.003	.010	.029	.078	.189	.392	.658	.879	.979	.999
4E-06	.003	.009	.026	.072	.179	.377	.644	.872	.977	.998
3E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
2E-06	.002	.007	.020	.058	.151	.335	.600	.846	.970	.998
1E-06	.001	.005	.015	.046	.126	.295	.556	.818	.961	.997

N= 400

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.102	.103	.104	.106	.110	.116	.126	.144	.174	.223
9E-02	.092	.093	.094	.096	.099	.105	.115	.132	.161	.209
8E-02	.082	.082	.084	.085	.089	.094	.103	.120	.148	.195
7E-02	.071	.072	.073	.075	.078	.083	.092	.107	.134	.180
6E-02	.061	.062	.063	.065	.067	.072	.080	.095	.120	.164
5E-02	.051	.052	.053	.054	.056	.061	.068	.082	.105	.147
4E-02	.041	.041	.042	.043	.046	.049	.056	.068	.090	.129
3E-02	.031	.031	.032	.033	.035	.038	.044	.054	.074	.109
2E-02	.021	.021	.021	.022	.024	.026	.031	.040	.056	.087
1E-02	.010	.011	.011	.011	.012	.014	.017	.023	.036	.059
9E-03	.009	.009	.010	.010	.011	.013	.016	.022	.033	.056
8E-03	.008	.008	.009	.009	.010	.011	.014	.020	.031	.053
7E-03	.007	.007	.008	.008	.009	.010	.013	.018	.028	.049
6E-03	.006	.006	.007	.007	.008	.009	.011	.016	.026	.045
5E-03	.005	.005	.005	.006	.006	.007	.010	.014	.023	.041
4E-03	.004	.004	.004	.005	.005	.006	.008	.012	.020	.036
3E-03	.003	.003	.003	.004	.004	.005	.006	.010	.017	.031
2E-03	.002	.002	.002	.002	.003	.003	.005	.007	.013	.025
1E-03	.001	.001	.001	.001	.001	.002	.003	.005	.009	.018
9E-04	.001	.001	.001	.001	.001	.002	.002	.004	.008	.017
8E-04	.001	.001	.001	.001	.001	.002	.002	.004	.007	.016
7E-04	.001	.001	.001	.001	.001	.001	.002	.004	.007	.015
6E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.013
5E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
4E-04	.000	.000	.000	.001	.001	.001	.001	.002	.005	.011
3E-04	.000	.000	.000	.000	.000	.001	.001	.002	.004	.009
2E-04	.000	.000	.000	.000	.000	.000	.001	.002	.003	.008
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
6E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
5E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
4E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 400

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.302	.417	.567	.730	.871	.957	.992	.9991	.0001	.000
9E-02	.287	.401	.552	.718	.863	.954	.991	.9991	.0001	.000
8E-02	.271	.384	.536	.705	.855	.951	.990	.9991	.0001	.000
7E-02	.254	.366	.518	.691	.846	.947	.989	.9991	.0001	.000
6E-02	.236	.347	.498	.674	.835	.942	.988	.9991	.0001	.000
5E-02	.216	.325	.476	.655	.822	.936	.986	.9981	.0001	.000
4E-02	.195	.300	.450	.631	.806	.928	.984	.9981	.0001	.000
3E-02	.171	.271	.418	.602	.784	.917	.980	.9981	.0001	.000
2E-02	.142	.235	.377	.561	.754	.901	.975	.9971	.0001	.000
1E-02	.104	.184	.314	.495	.699	.870	.964	.9951	.0001	.000
9E-03	.100	.178	.305	.486	.691	.865	.963	.9951	.0001	.000
8E-03	.095	.170	.296	.475	.682	.859	.960	.9941	.0001	.000
7E-03	.089	.163	.285	.463	.671	.852	.958	.9941	.0001	.000
6E-03	.083	.154	.274	.449	.659	.844	.955	.9931	.0001	.000
5E-03	.077	.144	.260	.433	.644	.835	.951	.992	.9991	.000
4E-03	.070	.133	.244	.414	.626	.822	.946	.991	.9991	.000
3E-03	.061	.120	.225	.390	.602	.806	.939	.989	.9991	.000
2E-03	.051	.103	.200	.358	.569	.782	.928	.987	.9991	.000
1E-03	.038	.080	.163	.307	.513	.739	.907	.981	.9981	.000
9E-04	.036	.077	.158	.300	.505	.732	.903	.980	.9981	.000
8E-04	.034	.073	.152	.291	.496	.724	.899	.979	.9981	.000
7E-04	.032	.070	.146	.282	.485	.715	.894	.978	.9981	.000
6E-04	.030	.066	.139	.272	.473	.705	.889	.976	.9981	.000
5E-04	.027	.061	.131	.261	.459	.692	.882	.974	.9981	.000
4E-04	.025	.056	.122	.247	.442	.677	.873	.972	.9971	.000
3E-04	.022	.050	.111	.230	.420	.657	.861	.968	.9971	.000
2E-04	.018	.043	.097	.207	.391	.629	.844	.962	.9961	.000
1E-04	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
9E-05	.012	.031	.074	.167	.335	.572	.806	.948	.9941	.000
8E-05	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
7E-05	.011	.028	.068	.156	.319	.554	.793	.943	.9931	.000
6E-05	.010	.026	.064	.150	.309	.543	.785	.940	.9921	.000
5E-05	.009	.024	.060	.142	.297	.530	.775	.936	.9911	.000
4E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
3E-05	.007	.019	.050	.123	.267	.494	.747	.924	.989	.999
2E-05	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
1E-05	.004	.012	.033	.088	.208	.418	.683	.893	.982	.999
9E-06	.004	.011	.032	.085	.203	.411	.676	.889	.981	.999
8E-06	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999
7E-06	.003	.010	.029	.079	.191	.395	.661	.881	.979	.999
6E-06	.003	.009	.027	.075	.184	.385	.651	.876	.978	.999
5E-06	.003	.009	.026	.071	.176	.373	.640	.869	.976	.998
4E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
3E-06	.002	.007	.021	.060	.155	.342	.608	.851	.971	.998
2E-06	.002	.006	.018	.053	.140	.318	.582	.835	.967	.997
1E-06	.001	.004	.013	.042	.116	.279	.538	.805	.957	.996

N= 500

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.102	.102	.104	.105	.109	.114	.123	.139	.166	.213
9E-02	.091	.092	.093	.095	.098	.103	.112	.127	.154	.199
8E-02	.081	.082	.083	.085	.087	.092	.101	.115	.141	.185
7E-02	.071	.072	.073	.074	.077	.081	.089	.103	.128	.170
6E-02	.061	.062	.062	.064	.066	.070	.078	.091	.114	.154
5E-02	.051	.051	.052	.053	.056	.059	.066	.078	.100	.138
4E-02	.041	.041	.042	.043	.045	.048	.054	.065	.085	.121
3E-02	.031	.031	.032	.032	.034	.037	.042	.052	.069	.102
2E-02	.020	.021	.021	.022	.023	.025	.029	.037	.052	.081
1E-02	.010	.010	.011	.011	.012	.013	.016	.022	.033	.055
9E-03	.009	.009	.010	.010	.011	.012	.015	.020	.031	.052
8E-03	.008	.008	.009	.009	.010	.011	.013	.018	.028	.048
7E-03	.007	.007	.008	.008	.008	.010	.012	.017	.026	.045
6E-03	.006	.006	.006	.007	.007	.008	.011	.015	.024	.041
5E-03	.005	.005	.005	.006	.006	.007	.009	.013	.021	.037
4E-03	.004	.004	.004	.005	.005	.006	.008	.011	.018	.033
3E-03	.003	.003	.003	.003	.004	.005	.006	.009	.015	.028
2E-03	.002	.002	.002	.002	.003	.003	.004	.007	.012	.023
1E-03	.001	.001	.001	.001	.001	.002	.002	.004	.008	.016
9E-04	.001	.001	.001	.001	.001	.002	.002	.004	.007	.015
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.007	.014
7E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.013
6E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
5E-04	.001	.001	.001	.001	.001	.001	.001	.003	.005	.011
4E-04	.000	.000	.000	.001	.001	.001	.001	.002	.004	.010
3E-04	.000	.000	.000	.000	.000	.001	.001	.002	.004	.008
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.003	.007
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.002	.005
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
6E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
5E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 500

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.287	.399	.547	.713	.859	.952	.990	.9991	.0001	.000
9E-02	.272	.383	.532	.701	.851	.949	.989	.9991	.0001	.000
8E-02	.257	.366	.516	.687	.843	.945	.988	.9991	.0001	.000
7E-02	.240	.349	.498	.672	.833	.941	.987	.9991	.0001	.000
6E-02	.223	.329	.478	.655	.822	.935	.986	.9981	.0001	.000
5E-02	.204	.308	.456	.636	.808	.929	.984	.9981	.0001	.000
4E-02	.183	.284	.430	.612	.791	.920	.981	.9981	.0001	.000
3E-02	.160	.256	.399	.582	.769	.909	.978	.9971	.0001	.000
2E-02	.132	.221	.358	.542	.738	.892	.972	.9961	.0001	.000
1E-02	.096	.172	.297	.476	.682	.859	.960	.9941	.0001	.000
9E-03	.092	.166	.289	.466	.674	.854	.958	.9941	.0001	.000
8E-03	.087	.159	.280	.456	.664	.848	.956	.9931	.0001	.000
7E-03	.082	.151	.270	.444	.653	.841	.953	.9931	.0001	.000
6E-03	.077	.143	.258	.431	.641	.833	.950	.992	.9991	.000
5E-03	.071	.134	.245	.415	.626	.823	.946	.991	.9991	.000
4E-03	.064	.124	.230	.396	.608	.810	.940	.990	.9991	.000
3E-03	.056	.111	.212	.373	.584	.793	.933	.988	.9991	.000
2E-03	.047	.096	.188	.341	.551	.769	.921	.985	.9991	.000
1E-03	.034	.073	.152	.292	.496	.724	.899	.979	.9981	.000
9E-04	.033	.071	.147	.284	.488	.717	.895	.978	.9981	.000
8E-04	.031	.067	.142	.277	.478	.709	.891	.977	.9981	.000
7E-04	.029	.064	.136	.268	.468	.700	.886	.976	.9981	.000
6E-04	.027	.060	.130	.258	.456	.690	.880	.974	.9971	.000
5E-04	.025	.056	.122	.247	.442	.677	.873	.972	.9971	.000
4E-04	.022	.051	.114	.233	.425	.662	.864	.969	.9971	.000
3E-04	.020	.046	.104	.217	.404	.642	.852	.965	.9961	.000
2E-04	.016	.039	.090	.195	.375	.613	.833	.958	.9951	.000
1E-04	.012	.029	.071	.162	.327	.563	.800	.946	.9931	.000
9E-05	.011	.028	.069	.157	.321	.556	.794	.944	.9931	.000
8E-05	.010	.027	.066	.152	.313	.547	.788	.941	.9921	.000
7E-05	.010	.025	.063	.147	.305	.538	.781	.938	.9921	.000
6E-05	.009	.024	.060	.140	.295	.527	.773	.935	.9911	.000
5E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
4E-05	.007	.020	.052	.125	.271	.498	.751	.925	.989	.999
3E-05	.006	.018	.046	.115	.254	.478	.734	.918	.988	.999
2E-05	.005	.015	.040	.102	.232	.450	.711	.907	.985	.999
1E-05	.004	.011	.031	.082	.197	.404	.669	.885	.980	.999
9E-06	.004	.010	.029	.080	.193	.397	.663	.882	.980	.999
8E-06	.003	.010	.028	.077	.187	.389	.655	.878	.979	.999
7E-06	.003	.009	.027	.073	.181	.380	.647	.873	.977	.998
6E-06	.003	.009	.025	.070	.175	.371	.637	.868	.976	.998
5E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
4E-06	.002	.007	.021	.061	.158	.346	.612	.853	.972	.998
3E-06	.002	.006	.019	.056	.147	.328	.594	.842	.969	.998
2E-06	.002	.005	.016	.049	.132	.305	.568	.825	.964	.997
1E-06	.001	.004	.012	.038	.110	.267	.524	.795	.954	.996

N= 600

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.101	.102	.103	.105	.108	.112	.121	.135	.161	.205
9E-02	.091	.092	.093	.094	.097	.102	.110	.124	.149	.191
8E-02	.081	.082	.083	.084	.087	.091	.099	.112	.136	.177
7E-02	.071	.072	.072	.074	.076	.080	.087	.100	.123	.163
6E-02	.061	.061	.062	.063	.066	.069	.076	.088	.109	.147
5E-02	.051	.051	.052	.053	.055	.058	.064	.075	.096	.132
4E-02	.041	.041	.042	.043	.044	.047	.053	.063	.081	.115
3E-02	.031	.031	.031	.032	.034	.036	.041	.050	.066	.096
2E-02	.020	.021	.021	.022	.023	.025	.028	.036	.050	.076
1E-02	.010	.010	.011	.011	.012	.013	.016	.021	.031	.051
9E-03	.009	.009	.010	.010	.011	.012	.014	.019	.029	.048
8E-03	.008	.008	.008	.009	.009	.011	.013	.017	.027	.045
7E-03	.007	.007	.007	.008	.008	.009	.011	.016	.024	.042
6E-03	.006	.006	.006	.007	.007	.008	.010	.014	.022	.038
5E-03	.005	.005	.005	.006	.006	.007	.009	.012	.020	.035
4E-03	.004	.004	.004	.004	.005	.006	.007	.010	.017	.031
3E-03	.003	.003	.003	.003	.004	.004	.006	.008	.014	.026
2E-03	.002	.002	.002	.002	.003	.003	.004	.006	.011	.021
1E-03	.001	.001	.001	.001	.001	.002	.002	.004	.007	.015
9E-04	.001	.001	.001	.001	.001	.001	.002	.003	.007	.014
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.013
7E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
6E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
5E-04	.001	.001	.001	.001	.001	.001	.001	.002	.005	.010
4E-04	.000	.000	.000	.000	.001	.001	.001	.002	.004	.009
3E-04	.000	.000	.000	.000	.000	.001	.001	.002	.003	.008
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.003	.006
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
6E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
5E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 600

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.276	.384	.531	.698	.849	.947	.989	.9991	.0001	.000
9E-02	.261	.369	.516	.686	.841	.944	.988	.9991	.0001	.000
8E-02	.246	.352	.500	.672	.832	.940	.987	.9991	.0001	.000
7E-02	.230	.335	.482	.657	.822	.935	.986	.9981	.0001	.000
6E-02	.212	.315	.462	.640	.810	.930	.984	.9981	.0001	.000
5E-02	.194	.294	.440	.620	.796	.923	.982	.9981	.0001	.000
4E-02	.174	.271	.415	.596	.779	.914	.979	.9971	.0001	.000
3E-02	.151	.243	.384	.566	.757	.902	.976	.9971	.0001	.000
2E-02	.125	.210	.344	.526	.724	.884	.970	.9961	.0001	.000
1E-02	.090	.163	.284	.461	.668	.850	.957	.9931	.0001	.000
9E-03	.086	.157	.276	.451	.660	.845	.955	.9931	.0001	.000
8E-03	.082	.150	.267	.441	.650	.839	.952	.992	.9991	.000
7E-03	.077	.143	.257	.429	.639	.831	.949	.992	.9991	.000
6E-03	.072	.135	.246	.416	.626	.823	.946	.991	.9991	.000
5E-03	.066	.126	.233	.400	.612	.813	.941	.990	.9991	.000
4E-03	.059	.116	.219	.382	.593	.800	.936	.989	.9991	.000
3E-03	.052	.104	.201	.359	.570	.782	.928	.987	.9991	.000
2E-03	.043	.090	.178	.328	.537	.757	.916	.984	.9991	.000
1E-03	.032	.069	.144	.279	.482	.712	.892	.977	.9981	.000
9E-04	.030	.066	.139	.272	.473	.705	.889	.976	.9981	.000
8E-04	.028	.063	.134	.265	.464	.697	.884	.975	.9981	.000
7E-04	.027	.060	.129	.256	.454	.688	.879	.974	.9971	.000
6E-04	.025	.056	.122	.247	.442	.677	.873	.972	.9971	.000
5E-04	.023	.052	.115	.236	.428	.665	.866	.969	.9971	.000
4E-04	.021	.048	.107	.223	.412	.649	.856	.966	.9961	.000
3E-04	.018	.043	.098	.207	.391	.629	.844	.962	.9961	.000
2E-04	.015	.036	.085	.186	.362	.600	.825	.955	.9951	.000
1E-04	.011	.027	.067	.154	.316	.550	.790	.942	.9921	.000
9E-05	.010	.026	.065	.150	.309	.543	.785	.940	.9921	.000
8E-05	.010	.025	.062	.145	.301	.534	.778	.937	.9921	.000
7E-05	.009	.023	.059	.139	.293	.525	.771	.934	.9911	.000
6E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
5E-05	.008	.020	.052	.126	.273	.501	.753	.926	.989	.999
4E-05	.007	.018	.048	.118	.260	.485	.740	.921	.988	.999
3E-05	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
2E-05	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999
1E-05	.003	.010	.029	.078	.189	.392	.658	.879	.979	.999
9E-06	.003	.009	.027	.075	.184	.385	.651	.876	.978	.999
8E-06	.003	.009	.026	.072	.179	.377	.644	.872	.977	.998
7E-06	.003	.008	.025	.069	.173	.369	.636	.867	.976	.998
6E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
5E-06	.002	.007	.022	.062	.159	.348	.614	.855	.972	.998
4E-06	.002	.007	.020	.058	.151	.335	.600	.846	.970	.998
3E-06	.002	.006	.018	.053	.140	.318	.582	.835	.967	.997
2E-06	.001	.005	.015	.046	.126	.295	.556	.818	.961	.997
1E-06	.001	.003	.011	.036	.104	.258	.512	.787	.951	.996

N= 700

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.101	.102	.103	.104	.107	.111	.119	.133	.157	.198
9E-02	.091	.092	.093	.094	.096	.101	.108	.121	.144	.185
8E-02	.081	.082	.082	.084	.086	.090	.097	.109	.132	.171
7E-02	.071	.071	.072	.073	.076	.079	.086	.098	.119	.157
6E-02	.061	.061	.062	.063	.065	.068	.075	.086	.106	.142
5E-02	.051	.051	.052	.053	.054	.058	.063	.073	.092	.126
4E-02	.041	.041	.041	.042	.044	.047	.052	.061	.078	.110
3E-02	.030	.031	.031	.032	.033	.036	.040	.048	.063	.092
2E-02	.020	.021	.021	.021	.022	.024	.028	.034	.047	.072
1E-02	.010	.010	.011	.011	.012	.013	.015	.020	.029	.048
9E-03	.009	.009	.009	.010	.010	.012	.014	.018	.027	.045
8E-03	.008	.008	.008	.009	.009	.010	.012	.017	.025	.042
7E-03	.007	.007	.007	.008	.008	.009	.011	.015	.023	.039
6E-03	.006	.006	.006	.007	.007	.008	.010	.013	.021	.036
5E-03	.005	.005	.005	.006	.006	.007	.008	.012	.018	.033
4E-03	.004	.004	.004	.004	.005	.005	.007	.010	.016	.029
3E-03	.003	.003	.003	.003	.004	.004	.005	.008	.013	.025
2E-03	.002	.002	.002	.002	.002	.003	.004	.006	.010	.020
1E-03	.001	.001	.001	.001	.001	.002	.002	.004	.007	.014
9E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.013
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
7E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
6E-04	.001	.001	.001	.001	.001	.001	.001	.002	.005	.010
5E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.009
4E-04	.000	.000	.000	.000	.001	.001	.001	.002	.004	.008
3E-04	.000	.000	.000	.000	.000	.001	.001	.001	.003	.007
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.002	.006
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.002	.004
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
6E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 700

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.267	.372	.517	.686	.840	.943	.988	.9991	.0001	.000
9E-02	.252	.357	.502	.673	.832	.940	.987	.9991	.0001	.000
8E-02	.237	.341	.486	.659	.823	.936	.986	.9981	.0001	.000
7E-02	.221	.323	.468	.644	.813	.931	.984	.9981	.0001	.000
6E-02	.204	.304	.449	.627	.801	.925	.983	.9981	.0001	.000
5E-02	.186	.284	.427	.607	.786	.918	.980	.9981	.0001	.000
4E-02	.166	.260	.402	.583	.769	.908	.978	.9971	.0001	.000
3E-02	.144	.233	.371	.553	.746	.896	.974	.9961	.0001	.000
2E-02	.119	.201	.332	.512	.713	.877	.967	.9951	.0001	.000
1E-02	.086	.155	.273	.448	.656	.843	.954	.9931	.0001	.000
9E-03	.081	.149	.265	.438	.648	.837	.952	.992	.9991	.000
8E-03	.077	.143	.256	.428	.638	.830	.949	.992	.9991	.000
7E-03	.072	.136	.247	.416	.627	.823	.946	.991	.9991	.000
6E-03	.067	.128	.236	.403	.614	.814	.942	.990	.9991	.000
5E-03	.062	.120	.224	.388	.599	.804	.938	.989	.9991	.000
4E-03	.056	.110	.210	.370	.581	.791	.932	.988	.9991	.000
3E-03	.049	.099	.193	.347	.557	.773	.924	.986	.9991	.000
2E-03	.041	.085	.170	.317	.525	.748	.911	.983	.9991	.000
1E-03	.030	.065	.137	.269	.470	.702	.887	.976	.9981	.000
9E-04	.028	.062	.133	.263	.461	.695	.883	.975	.9981	.000
8E-04	.027	.059	.128	.255	.452	.686	.878	.973	.9971	.000
7E-04	.025	.056	.123	.247	.442	.677	.873	.972	.9971	.000
6E-04	.023	.053	.117	.238	.430	.667	.867	.970	.9971	.000
5E-04	.021	.049	.110	.227	.417	.654	.859	.967	.9971	.000
4E-04	.019	.045	.102	.214	.400	.638	.849	.964	.9961	.000
3E-04	.017	.040	.093	.199	.380	.618	.837	.960	.9951	.000
2E-04	.014	.034	.081	.179	.351	.589	.817	.953	.9941	.000
1E-04	.010	.025	.063	.148	.306	.539	.782	.939	.9921	.000
9E-05	.009	.024	.061	.143	.299	.532	.777	.936	.9911	.000
8E-05	.009	.023	.059	.139	.292	.523	.770	.934	.9911	.000
7E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
6E-05	.008	.020	.053	.128	.275	.503	.754	.927	.990	.999
5E-05	.007	.019	.049	.121	.264	.490	.744	.922	.989	.999
4E-05	.006	.017	.046	.113	.251	.475	.732	.917	.988	.999
3E-05	.005	.015	.041	.104	.236	.455	.715	.909	.986	.999
2E-05	.004	.013	.035	.092	.215	.427	.691	.897	.983	.999
1E-05	.003	.009	.027	.074	.182	.382	.648	.874	.978	.999
9E-06	.003	.009	.026	.072	.178	.375	.642	.870	.977	.998
8E-06	.003	.008	.025	.069	.172	.368	.634	.866	.975	.998
7E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
6E-06	.002	.007	.022	.063	.161	.350	.616	.856	.973	.998
5E-06	.002	.007	.021	.059	.153	.339	.605	.849	.971	.998
4E-06	.002	.006	.019	.055	.145	.325	.591	.840	.968	.998
3E-06	.002	.005	.017	.050	.134	.309	.572	.828	.965	.997
2E-06	.001	.004	.014	.044	.121	.286	.546	.811	.959	.997
1E-06	.001	.003	.011	.034	.100	.250	.503	.780	.949	.995

N= 800

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.101	.102	.102	.104	.106	.110	.118	.130	.153	.193
9E-02	.091	.092	.092	.094	.096	.100	.107	.119	.141	.180
8E-02	.081	.081	.082	.083	.085	.089	.096	.107	.129	.166
7E-02	.071	.071	.072	.073	.075	.078	.085	.096	.116	.152
6E-02	.061	.061	.062	.063	.065	.068	.073	.084	.103	.137
5E-02	.051	.051	.052	.052	.054	.057	.062	.072	.090	.122
4E-02	.041	.041	.041	.042	.044	.046	.051	.059	.076	.106
3E-02	.030	.031	.031	.032	.033	.035	.039	.047	.061	.088
2E-02	.020	.021	.021	.021	.022	.024	.027	.033	.045	.059
1E-02	.010	.010	.010	.011	.011	.012	.015	.019	.028	.046
9E-03	.009	.009	.009	.010	.010	.011	.013	.018	.026	.043
8E-03	.008	.008	.008	.009	.009	.010	.012	.016	.024	.040
7E-03	.007	.007	.007	.008	.008	.009	.011	.014	.022	.037
6E-03	.006	.006	.006	.007	.007	.008	.009	.013	.020	.034
5E-03	.005	.005	.005	.005	.006	.007	.008	.011	.017	.031
4E-03	.004	.004	.004	.004	.005	.005	.007	.009	.015	.027
3E-03	.003	.003	.003	.003	.004	.004	.005	.007	.012	.023
2E-03	.002	.002	.002	.002	.002	.003	.004	.006	.010	.019
1E-03	.001	.001	.001	.001	.001	.002	.002	.003	.006	.013
9E-04	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
7E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.010
6E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.010
5E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.009
4E-04	.000	.000	.000	.000	.001	.001	.001	.002	.003	.008
3E-04	.000	.000	.000	.000	.000	.001	.001	.001	.003	.007
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.002	.005
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
7E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
6E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 800

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.259	.362	.506	.675	.833	.940	.987	.9991	.0001	.000
9E-02	.245	.347	.491	.662	.825	.936	.986	.9981	.0001	.000
8E-02	.230	.331	.475	.648	.815	.932	.984	.9981	.0001	.000
7E-02	.214	.314	.457	.633	.804	.926	.983	.9961	.0001	.000
6E-02	.197	.295	.438	.615	.792	.920	.981	.9981	.0001	.000
5E-02	.179	.274	.416	.595	.777	.913	.979	.9971	.0001	.000
4E-02	.160	.252	.390	.571	.759	.903	.976	.9971	.0001	.000
3E-02	.139	.225	.360	.541	.736	.891	.972	.9961	.0001	.000
2E-02	.114	.193	.321	.501	.703	.871	.965	.9951	.0001	.000
1E-02	.082	.149	.264	.436	.646	.836	.951	.992	.9991	.000
9E-03	.078	.143	.256	.427	.637	.830	.949	.992	.9991	.000
8E-03	.073	.137	.248	.417	.627	.823	.946	.991	.9991	.000
7E-03	.069	.130	.238	.405	.616	.816	.943	.990	.9991	.000
6E-03	.064	.123	.228	.392	.604	.807	.939	.990	.9991	.000
5E-03	.059	.114	.216	.377	.589	.796	.934	.988	.9991	.000
4E-03	.053	.105	.202	.360	.570	.783	.928	.987	.9991	.000
3E-03	.046	.094	.185	.337	.547	.765	.920	.985	.9991	.000
2E-03	.038	.081	.164	.308	.514	.739	.907	.981	.9981	.000
1E-03	.028	.062	.132	.261	.459	.693	.882	.974	.9981	.000
9E-04	.027	.059	.127	.254	.451	.685	.878	.973	.9971	.000
8E-04	.025	.056	.123	.247	.442	.677	.873	.972	.9971	.000
7E-04	.024	.054	.117	.239	.432	.668	.868	.970	.9971	.000
6E-04	.022	.050	.112	.230	.420	.657	.861	.968	.9971	.000
5E-04	.020	.047	.105	.219	.407	.644	.853	.965	.9961	.000
4E-04	.018	.043	.098	.207	.391	.629	.844	.962	.9961	.000
3E-04	.016	.038	.089	.192	.370	.608	.830	.957	.9951	.000
2E-04	.013	.032	.077	.172	.342	.579	.811	.950	.9941	.000
1E-04	.009	.024	.060	.142	.297	.530	.775	.936	.9911	.000
9E-05	.009	.023	.058	.138	.291	.522	.769	.933	.9911	.000
8E-05	.008	.022	.056	.133	.284	.514	.763	.931	.9901	.000
7E-05	.008	.021	.053	.128	.276	.504	.756	.927	.990	.999
6E-05	.007	.019	.050	.123	.267	.494	.747	.924	.989	.999
5E-05	.007	.018	.047	.116	.256	.481	.737	.919	.988	.999
4E-05	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
3E-05	.005	.014	.039	.100	.229	.446	.707	.905	.985	.999
2E-05	.004	.012	.033	.088	.208	.418	.683	.893	.982	.999
1E-05	.003	.009	.026	.071	.176	.373	.640	.869	.976	.998
9E-06	.003	.008	.025	.069	.172	.367	.633	.866	.975	.998
8E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
7E-06	.002	.007	.022	.063	.161	.351	.617	.856	.973	.998
6E-06	.002	.007	.021	.060	.155	.342	.608	.851	.971	.998
5E-06	.002	.006	.019	.057	.148	.331	.596	.843	.969	.998
4E-06	.002	.006	.018	.053	.140	.318	.582	.835	.967	.997
3E-06	.002	.005	.016	.048	.130	.301	.564	.823	.963	.997
2E-06	.001	.004	.013	.042	.116	.279	.538	.805	.957	.996
1E-06	.001	.003	.010	.033	.096	.243	.494	.774	.946	.995

N= 900

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.101	.102	.102	.104	.106	.110	.116	.129	.150	.188
9E-02	.091	.091	.092	.093	.095	.099	.106	.117	.138	.175
8E-02	.081	.081	.082	.083	.085	.088	.095	.106	.126	.162
7E-02	.071	.071	.072	.073	.075	.078	.084	.094	.113	.148
6E-02	.061	.061	.062	.063	.064	.067	.073	.082	.100	.133
5E-02	.051	.051	.051	.052	.054	.056	.061	.070	.087	.118
4E-02	.041	.041	.041	.042	.043	.046	.050	.058	.074	.103
3E-02	.030	.031	.031	.032	.033	.035	.038	.046	.059	.085
2E-02	.020	.020	.021	.021	.022	.024	.027	.032	.044	.067
1E-02	.010	.010	.010	.011	.011	.012	.014	.018	.027	.044
9E-03	.009	.009	.009	.010	.010	.011	.013	.017	.025	.041
8E-03	.008	.008	.008	.009	.009	.010	.012	.015	.023	.039
7E-03	.007	.007	.007	.008	.008	.009	.010	.014	.021	.036
6E-03	.006	.006	.006	.006	.007	.008	.009	.012	.019	.033
5E-03	.005	.005	.005	.005	.006	.006	.008	.011	.017	.029
4E-03	.004	.004	.004	.004	.005	.005	.006	.009	.014	.026
3E-03	.003	.003	.003	.003	.004	.004	.005	.007	.012	.022
2E-03	.002	.002	.002	.002	.002	.003	.004	.005	.009	.018
1E-03	.001	.001	.001	.001	.001	.001	.002	.003	.006	.012
9E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
7E-04	.001	.001	.001	.001	.001	.001	.001	.002	.005	.010
6E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.009
5E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.008
4E-04	.000	.000	.000	.000	.001	.001	.001	.002	.003	.007
3E-04	.000	.000	.000	.000	.000	.001	.001	.001	.003	.006
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.002	.005
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
8E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
7E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
6E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
5E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N= 900

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.253	.354	.496	.665	.826	.936	.986	.998	1.000	1.000
9E-02	.238	.338	.481	.653	.817	.932	.985	.998	1.000	1.000
8E-02	.223	.322	.465	.639	.808	.928	.983	.998	1.000	1.000
7E-02	.208	.305	.447	.623	.797	.923	.982	.998	1.000	1.000
6E-02	.191	.287	.428	.605	.784	.916	.980	.998	1.000	1.000
5E-02	.174	.267	.406	.585	.769	.909	.978	.997	1.000	1.000
4E-02	.155	.244	.381	.561	.751	.899	.974	.997	1.000	1.000
3E-02	.134	.218	.351	.531	.728	.886	.970	.996	1.000	1.000
2E-02	.109	.186	.313	.491	.694	.866	.963	.995	1.000	1.000
1E-02	.078	.143	.256	.427	.636	.829	.948	.992	.999	1.000
9E-03	.074	.138	.248	.417	.628	.823	.946	.991	.999	1.000
8E-03	.070	.132	.240	.407	.618	.817	.943	.991	.999	1.000
7E-03	.066	.125	.231	.396	.607	.809	.940	.990	.999	1.000
6E-03	.061	.118	.221	.383	.594	.800	.936	.989	.999	1.000
5E-03	.056	.110	.209	.368	.579	.789	.931	.988	.999	1.000
4E-03	.051	.101	.195	.351	.561	.776	.925	.986	.999	1.000
3E-03	.044	.090	.179	.329	.537	.758	.916	.984	.999	1.000
2E-03	.037	.077	.158	.299	.505	.731	.903	.980	.998	1.000
1E-03	.026	.059	.127	.254	.450	.685	.877	.973	.997	1.000
9E-04	.025	.057	.123	.247	.442	.677	.873	.972	.997	1.000
8E-04	.024	.054	.118	.240	.433	.669	.868	.970	.997	1.000
7E-04	.022	.051	.113	.232	.423	.660	.863	.968	.997	1.000
6E-04	.021	.048	.107	.223	.412	.649	.856	.966	.996	1.000
5E-04	.019	.045	.101	.213	.398	.636	.848	.964	.996	1.000
4E-04	.017	.041	.094	.201	.382	.620	.838	.960	.995	1.000
3E-04	.015	.036	.085	.186	.362	.600	.825	.955	.995	1.000
2E-04	.012	.031	.074	.167	.334	.571	.805	.948	.993	1.000
1E-04	.009	.023	.058	.137	.290	.521	.769	.933	.991	1.000
9E-05	.008	.022	.056	.133	.284	.514	.763	.931	.990	1.000
8E-05	.008	.021	.054	.129	.277	.506	.756	.928	.990	.999
7E-05	.007	.020	.051	.124	.269	.496	.749	.925	.989	.999
6E-05	.007	.018	.048	.119	.260	.485	.740	.921	.988	.999
5E-05	.006	.017	.045	.112	.250	.473	.730	.916	.987	.999
4E-05	.006	.015	.042	.105	.238	.457	.717	.910	.986	.999
3E-05	.005	.014	.037	.096	.223	.438	.700	.901	.984	.999
2E-05	.004	.011	.032	.085	.203	.410	.675	.889	.981	.999
1E-05	.003	.008	.024	.068	.171	.366	.633	.865	.975	.998
9E-06	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
8E-06	.002	.007	.022	.063	.162	.352	.618	.857	.973	.998
7E-06	.002	.007	.021	.061	.157	.344	.610	.852	.972	.998
6E-06	.002	.007	.020	.058	.151	.335	.600	.846	.970	.998
5E-06	.002	.006	.019	.054	.144	.324	.589	.839	.968	.998
4E-06	.002	.005	.017	.051	.136	.311	.575	.830	.965	.997
3E-06	.001	.005	.015	.046	.126	.295	.556	.815	.961	.997
2E-06	.001	.004	.013	.040	.113	.273	.530	.800	.956	.996
1E-06	.001	.003	.010	.031	.093	.237	.487	.768	.944	.995

N=1000

DETECTION PROBABILITY

F	0DB	1DB	2DB	3DB	4DB	5DB	6DB	7DB	8DB	9DB
1E-01	.101	.101	.102	.103	.105	.109	.115	.127	.148	.185
9E-02	.091	.091	.092	.093	.095	.098	.105	.116	.136	.172
8E-02	.081	.081	.082	.083	.085	.088	.094	.104	.124	.158
7E-02	.071	.071	.072	.073	.074	.077	.083	.093	.111	.144
6E-02	.061	.061	.061	.062	.064	.067	.072	.081	.098	.130
5E-02	.051	.051	.051	.052	.053	.056	.061	.069	.085	.115
4E-02	.040	.041	.041	.042	.043	.045	.049	.057	.072	.100
3E-02	.030	.031	.031	.031	.032	.034	.038	.045	.058	.083
2E-02	.020	.020	.021	.021	.022	.023	.026	.032	.043	.064
1E-02	.010	.010	.010	.011	.011	.012	.014	.018	.026	.042
9E-03	.009	.009	.009	.010	.010	.011	.013	.016	.024	.040
8E-03	.008	.008	.008	.009	.009	.010	.012	.015	.022	.037
7E-03	.007	.007	.007	.008	.008	.009	.010	.013	.020	.034
6E-03	.006	.006	.006	.006	.007	.008	.009	.012	.018	.031
5E-03	.005	.005	.005	.005	.006	.006	.008	.010	.016	.028
4E-03	.004	.004	.004	.004	.005	.005	.006	.009	.014	.025
3E-03	.003	.003	.003	.003	.004	.004	.005	.007	.011	.021
2E-03	.002	.002	.002	.002	.002	.003	.003	.005	.009	.017
1E-03	.001	.001	.001	.001	.001	.001	.002	.003	.006	.011
9E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.011
8E-04	.001	.001	.001	.001	.001	.001	.002	.003	.005	.010
7E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.009
6E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.009
5E-04	.001	.001	.001	.001	.001	.001	.001	.002	.004	.008
4E-04	.000	.000	.000	.000	.001	.001	.001	.002	.003	.007
3E-04	.000	.000	.000	.000	.000	.000	.001	.001	.003	.006
2E-04	.000	.000	.000	.000	.000	.000	.001	.001	.002	.005
1E-04	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
9E-05	.000	.000	.000	.000	.000	.000	.000	.001	.001	.003
8E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
7E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003
6E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
5E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
4E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
3E-05	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002
2E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
1E-05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
9E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
8E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
7E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
6E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
5E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
4E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
3E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1E-06	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N=1000

DETECTION PROBABILITY

F	10DB	11DB	12DB	13DB	14DB	15DB	16DB	17DB	18DB	19DB
1E-01	.247	.346	.487	.657	.820	.933	.985	.998	1.000	1.000
9E-02	.233	.331	.472	.644	.811	.929	.984	.998	1.000	1.000
8E-02	.218	.315	.456	.630	.801	.924	.982	.998	1.000	1.000
7E-02	.203	.298	.438	.614	.790	.919	.981	.998	1.000	1.000
6E-02	.186	.280	.419	.596	.777	.912	.979	.997	1.000	1.000
5E-02	.169	.260	.397	.576	.762	.905	.976	.997	1.000	1.000
4E-02	.150	.237	.372	.552	.744	.895	.973	.996	1.000	1.000
3E-02	.130	.212	.343	.522	.720	.881	.968	.996	1.000	1.000
2E-02	.106	.181	.305	.482	.686	.861	.961	.994	1.000	1.000
1E-02	.075	.138	.249	.418	.628	.824	.946	.991	.999	1.000
9E-03	.072	.133	.242	.409	.619	.818	.944	.991	.999	1.000
8E-03	.068	.127	.233	.399	.610	.811	.941	.990	.999	1.000
7E-03	.063	.121	.224	.388	.599	.803	.937	.989	.999	1.000
6E-03	.059	.114	.214	.375	.586	.794	.933	.988	.999	1.000
5E-03	.054	.106	.203	.360	.571	.783	.928	.987	.999	1.000
4E-03	.049	.097	.190	.343	.552	.769	.922	.985	.999	1.000
3E-03	.042	.087	.174	.321	.529	.751	.913	.983	.999	1.000
2E-03	.035	.074	.153	.292	.496	.724	.899	.979	.998	1.000
1E-03	.025	.057	.123	.247	.442	.677	.873	.972	.997	1.000
9E-04	.024	.054	.119	.241	.434	.670	.869	.970	.997	1.000
8E-04	.023	.052	.114	.234	.425	.662	.864	.969	.997	1.000
7E-04	.021	.049	.109	.226	.415	.653	.858	.967	.996	1.000
6E-04	.020	.046	.104	.217	.404	.642	.852	.965	.996	1.000
5E-04	.018	.043	.098	.207	.391	.629	.844	.962	.996	1.000
4E-04	.016	.039	.091	.195	.375	.613	.833	.958	.995	1.000
3E-04	.014	.035	.082	.181	.355	.592	.820	.953	.994	1.000
2E-04	.012	.029	.071	.162	.328	.563	.800	.946	.993	1.000
1E-04	.008	.022	.056	.133	.284	.514	.763	.931	.990	1.000
9E-05	.008	.021	.054	.129	.278	.506	.757	.928	.990	.999
8E-05	.007	.020	.052	.125	.271	.498	.751	.925	.989	.999
7E-05	.007	.019	.049	.120	.263	.489	.743	.922	.989	.999
6E-05	.006	.018	.046	.115	.254	.478	.734	.918	.988	.999
5E-05	.006	.016	.043	.109	.244	.465	.724	.913	.987	.999
4E-05	.005	.015	.040	.102	.232	.450	.711	.907	.985	.999
3E-05	.005	.013	.036	.093	.217	.430	.694	.898	.983	.999
2E-05	.004	.011	.031	.082	.198	.404	.669	.885	.980	.999
1E-05	.003	.008	.023	.066	.167	.359	.626	.861	.974	.998
9E-06	.002	.008	.023	.064	.162	.353	.619	.857	.973	.998
8E-06	.002	.007	.021	.061	.158	.346	.612	.853	.972	.998
7E-06	.002	.007	.020	.059	.153	.338	.603	.848	.970	.998
6E-06	.002	.006	.019	.056	.147	.328	.594	.842	.969	.998
5E-06	.002	.006	.018	.053	.140	.318	.582	.835	.967	.997
4E-06	.002	.005	.016	.049	.132	.305	.568	.825	.964	.997
3E-06	.001	.005	.014	.044	.122	.289	.550	.813	.960	.997
2E-06	.001	.004	.012	.039	.110	.267	.524	.795	.954	.996
1E-06	.001	.003	.009	.030	.090	.232	.480	.763	.942	.994

11 MINUTES. 19 SECONDS.
END JOB 06560.