

6.4 Processing Gain of a Direct sequence Spread Spectrum,
FCC CFR 47, 15.247(e) (2).

6.4.1 TEST Procedure

Perform all independent instrumentation calibrations prior to the procedure. Set operating power levels using fixed and variable attenuators in system to meet the following objectives:

1. Signal power at receiver approximately -60dBm (above thermal sensitivity such that thermal noise does not cause bit errors).
2. Signal power at power meter between -20dBm and -30dBm for optimal linearity.
3. Use spectrum analyzer to monitor test.
4. Ensure that CW Jammer generator RF output is disabled and measure the power at the power meter port using the power meter. This is the relative signal power, S_r .
5. Disable Transmitter, and set CW Jammer generator RF output frequency equal to the carrier frequency and enable generator output. Set reference CW Jammer power level at power port 8.4dB below S_r (minimum J/S, or 10dB processing gain reference level). Note the power level setting on the generator, this is the reference CW Jammer power setting, J_r .
6. Disable CW Jammer, re-establish link. PER (Packet Error Rate) as a substitute for the recommended BER (Bit Error Rate) test should be operating essentially error-free.
7. Enable CW Jammer at the reference power level and verify that the PER test indicates a PER of less than 8%.
8. Repeat step 7 for uniform steps in frequency increments of 50kHz across the receiver passband with the CW Jammer. In this case the receiver passband is $\pm 8.5\text{MHz}$.

The number of points where the PER fails to achieve 8% (is higher than 8%) is determined and if this is above 20% of the total, the test is failed otherwise it is passed.

The margin by which the radio passed the test (for informational purposes) can be determined from the average of the remaining points' PERs scaled on the PER curve above.

The numerical data associated with the following radio is tabulated for:

Channel 1: 2412MHz
Channel 6: 2437MHz
Channel 11: 2462MHz

6.4.2 Theoretical calculations

The processing gain is related to the jamming margin is as follows[1]:

$$Gp = \left(\frac{S}{N} \right)_{\text{output}} + \left(\frac{J}{S} \right) + L_{\text{system}}$$

Where $BER_{\text{REFERENCE}}$ is the reference bit error ratio with its corresponding, theoretical output signal to noise ratio per symbol, $(S/N)_{\text{output}}$, (J/S) is jamming margin(jamming signal power relative to desired signal power), and L_{system} are the system implementation losses.

The maximum allowed total system implementation loss is 2dB.

The reference PER is specified as 8%. The corresponding Es/No (signal to noise ratio per symbol) is 16.4dB.

The Es/No required to achieve the desired BER with maximum system implementation losses is 18.4dB.

The minimum processing gain is again, 10dB, therefore:

$$Gp = \left(\frac{S}{N} \right)_{\text{output}} + \left(\frac{J}{S} \right) + L_{\text{system}} = 16.4\text{dB} + 2.0\text{dB} + \left(\frac{J}{S} \right) \geq 10\text{dB}$$

$$Gp = 18.4\text{dB} + \left(\frac{J}{S} \right) \geq 10\text{dB}$$

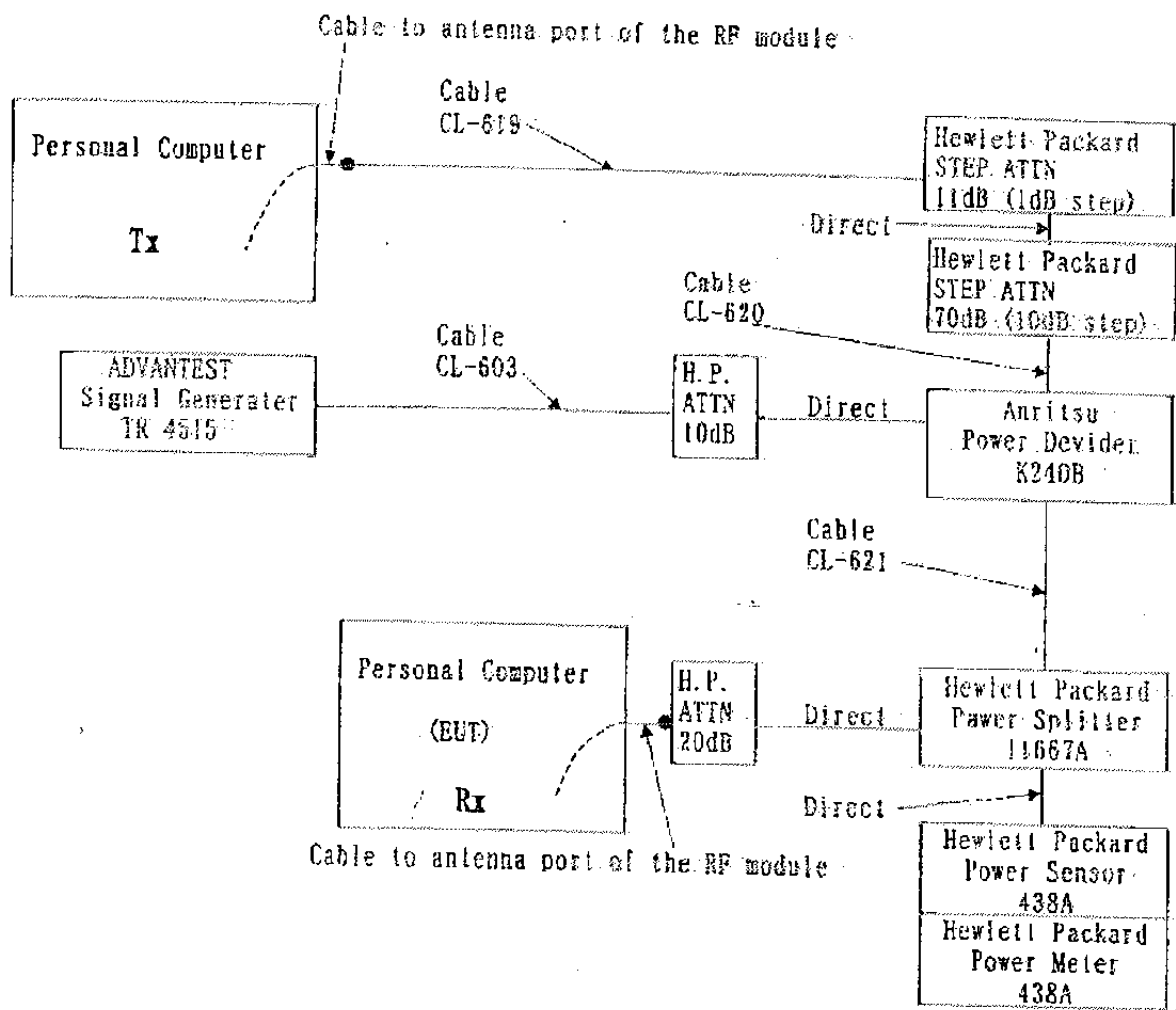
The minimum jammer to signal ratio is as follows:

$$\left(\frac{J}{S} \right) \geq -8.4\text{dB}$$

Applicable Reference Documents

- [1] "Report and Order: Amendment of Part 2 and 15 of the Commission's Rules Regarding Spread Spectrum Transmitters. Appendix C: Guidance Guidance on Measurements for Direct Sequence Spread Spectrum Systems" FCC 97-114, ET Docket No. 96-8, RM-8435, RM-8608, RM-8609.

6.4.3 Processing Gain Test Set Up



6.4.4 Test Results

1. Test has been done at 341 frequency points (repeating uniform steps in frequency increments of 50 kHz across the receiver pass-band in each channel) in each channel (Channel 1, 6 and 11).

2. $MJ = J/S$: -8.4dB at all the testes frequency points of 1023 in total.

$$[341 \text{ (points)} \times 3 \text{ (channels)} = 1023 \text{ (points)}]$$

$MJ = (J/S) \geq -8.4 \text{ dB}$ then the EUT passes.

3. PER: Fails (heigher than 8%) point and persentage.

Channel 1: 2 points 2/341 $\Rightarrow$ less than 5.9%

Channel 6: 0 0/341 $\Rightarrow$ 0%

Channel 11: 3 points 3/341 $\Rightarrow$ less than 8.8%

(Fails / Achieve) $\leq 8.8\% < 20\%$ $\Rightarrow$ EUT passes

4. From the results of 2. and 3. above, the EUT passes requirments.

Data sheets are followed.

Exract fails data sheets: page 36 to page 37.

Original data sheets : page 38 to page 55.

Channel 1

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	Mj = I/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
160	2411.45	10	16.4	-8.4	2	-23.9	-15.5	0%
161	2411.50	10	16.4	-8.4	2	-23.9	-15.5	23%
162	2411.55	10	16.4	-8.4	2	-23.9	-15.5	0%
163	2411.60	10	16.4	-8.4	2	-23.9	-15.5	0%
164	2411.65	10	16.4	-8.4	2	-23.9	-15.5	0%
165	2411.70	10	16.4	-8.4	2	-23.9	-15.5	0%
166	2411.75	10	16.4	-8.4	2	-23.9	-15.5	0%
167	2411.80	10	16.4	-8.4	2	-23.9	-15.5	0%
168	2411.85	10	16.4	-8.4	2	-23.9	-15.5	0%
169	2411.90	10	16.4	-8.4	2	-23.9	-15.5	0%
170	2411.95	10	16.4	-8.4	2	-23.9	-15.5	0%
171	2412.00	10	16.4	-8.4	2	-23.9	-15.5	2%
172	2412.05	10	16.4	-8.4	2	-23.9	-15.5	0%
173	2412.10	10	16.4	-8.4	2	-23.9	-15.5	0%
174	2412.15	10	16.4	-8.4	2	-23.9	-15.5	0%
175	2412.20	10	16.4	-8.4	2	-23.9	-15.5	0%
176	2412.25	10	16.4	-8.4	2	-23.9	-15.5	0%
177	2412.30	10	16.4	-8.4	2	-23.9	-15.5	0%
178	2412.35	10	16.4	-8.4	2	-23.9	-15.5	0%
179	2412.40	10	16.4	-8.4	2	-23.9	-15.5	0%
180	2412.45	10	16.4	-8.4	2	-23.9	-15.5	0%
181	2412.50	10	16.4	-8.4	2	-23.9	-15.5	7%
182	2412.55	10	16.4	-8.4	2	-23.9	-15.5	0%
183	2412.60	10	16.4	-8.4	2	-23.9	-15.5	0%
184	2412.65	10	16.4	-8.4	2	-23.9	-15.5	0%
185	2412.70	10	16.4	-8.4	2	-23.9	-15.5	0%
186	2412.75	10	16.4	-8.4	2	-23.9	-15.5	3%
187	2412.80	10	16.4	-8.4	2	-23.9	-15.5	8%
188	2412.85	10	16.4	-8.4	2	-23.9	-15.5	3%
189	2412.90	10	16.4	-8.4	2	-23.9	-15.5	0%
190	2412.95	10	16.4	-8.4	2	-23.9	-15.5	0%
191	2413.00	10	16.4	-8.4	2	-23.9	-15.5	5%
192	2413.05	10	16.4	-8.4	2	-23.9	-15.5	0%

Channel 11

	Frequency (MHz)	Gp (dB)	(S/N) o (dB)	Mj = I/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
160	2461.45	10	16.4	-8.4	2	-24.3	-15.9	0%
161	2461.50	10	16.4	-8.4	2	-24.3	-15.9	9%
162	2461.55	10	16.4	-8.4	2	-24.3	-15.9	0%
163	2461.60	10	16.4	-8.4	2	-24.3	-15.9	0%
164	2461.65	10	16.4	-8.4	2	-24.3	-15.9	0%
165	2461.70	10	16.4	-8.4	2	-24.3	-15.9	0%
166	2461.75	10	16.4	-8.4	2	-24.3	-15.9	0%
167	2461.80	10	16.4	-8.4	2	-24.3	-15.9	0%
168	2461.85	10	16.4	-8.4	2	-24.3	-15.9	0%
169	2461.90	10	16.4	-8.4	2	-24.3	-15.9	0%
170	2461.95	10	16.4	-8.4	2	-24.3	-15.9	0%
171	2462.00	10	16.4	-8.4	2	-24.3	-15.9	19%
172	2462.05	10	16.4	-8.4	2	-24.3	-15.9	0%
173	2462.10	10	16.4	-8.4	2	-24.3	-15.9	0%
174	2462.15	10	16.4	-8.4	2	-24.3	-15.9	0%
175	2462.20	10	16.4	-8.4	2	-24.3	-15.9	0%
176	2462.25	10	16.4	-8.4	2	-24.3	-15.9	0%
177	2462.30	10	16.4	-8.4	2	-24.3	-15.9	0%
178	2462.35	10	16.4	-8.4	2	-24.3	-15.9	0%
179	2462.40	10	16.4	-8.4	2	-24.3	-15.9	0%
180	2462.45	10	16.4	-8.4	2	-24.3	-15.9	0%
181	2462.50	10	16.4	-8.4	2	-24.3	-15.9	9%
182	2462.55	10	16.4	-8.4	2	-24.3	-15.9	0%
183	2462.60	10	16.4	-8.4	2	-24.3	-15.9	0%
184	2462.65	10	16.4	-8.4	2	-24.3	-15.9	0%
185	2462.70	10	16.4	-8.4	2	-24.3	-15.9	0%
186	2462.75	10	16.4	-8.4	2	-24.3	-15.9	3%
187	2462.80	10	16.4	-8.4	2	-24.3	-15.9	0%
188	2462.85	10	16.4	-8.4	2	-24.3	-15.9	0%
189	2462.90	10	16.4	-8.4	2	-24.3	-15.9	0%
190	2462.95	10	16.4	-8.4	2	-24.3	-15.9	0%
191	2463.00	10	16.4	-8.4	2	-24.3	-15.9	1%
192	2463.05	10	16.4	-8.4	2	-24.3	-15.9	0%

1ch

	Frequency (MHz)	Gp (dB)	(S/W)o (dB)	M1 =1/5 (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
1	2403.50	10	16.4	-8.4	2	-23.9	-15.5	0%
2	2403.55	10	16.4	-8.4	2	-23.9	-15.5	0%
3	2403.60	10	16.4	-8.4	2	-23.9	-15.5	0%
4	2403.65	10	16.4	-8.4	2	-23.9	-15.5	0%
5	2403.70	10	16.4	-8.4	2	-23.9	-15.5	0%
6	2403.75	10	16.4	-8.4	2	-23.9	-15.5	0%
7	2403.80	10	16.4	-8.4	2	-23.9	-15.5	0%
8	2403.85	10	16.4	-8.4	2	-23.9	-15.5	0%
9	2403.90	10	16.4	-8.4	2	-23.9	-15.5	0%
10	2403.95	10	16.4	-8.4	2	-23.9	-15.5	0%
11	2404.00	10	16.4	-8.4	2	-23.9	-15.5	0%
12	2404.05	10	16.4	-8.4	2	-23.9	-15.5	0%
13	2404.10	10	16.4	-8.4	2	-23.9	-15.5	0%
14	2404.15	10	16.4	-8.4	2	-23.9	-15.5	0%
15	2404.20	10	16.4	-8.4	2	-23.9	-15.5	0%
16	2404.25	10	16.4	-8.4	2	-23.9	-15.5	0%
17	2404.30	10	16.4	-8.4	2	-23.9	-15.5	0%
18	2404.35	10	16.4	-8.4	2	-23.9	-15.5	0%
19	2404.40	10	16.4	-8.4	2	-23.9	-15.5	0%
20	2404.45	10	16.4	-8.4	2	-23.9	-15.5	0%
21	2404.50	10	16.4	-8.4	2	-23.9	-15.5	0%
22	2404.55	10	16.4	-8.4	2	-23.9	-15.5	0%
23	2404.60	10	16.4	-8.4	2	-23.9	-15.5	0%
24	2404.65	10	16.4	-8.4	2	-23.9	-15.5	0%
25	2404.70	10	16.4	-8.4	2	-23.9	-15.5	0%
26	2404.75	10	16.4	-8.4	2	-23.9	-15.5	0%
27	2404.80	10	16.4	-8.4	2	-23.9	-15.5	0%
28	2404.85	10	16.4	-8.4	2	-23.9	-15.5	0%
29	2404.90	10	16.4	-8.4	2	-23.9	-15.5	0%
30	2404.95	10	16.4	-8.4	2	-23.9	-15.5	0%
31	2405.00	10	16.4	-8.4	2	-23.9	-15.5	0%
32	2405.05	10	16.4	-8.4	2	-23.9	-15.5	0%
33	2405.10	10	16.4	-8.4	2	-23.9	-15.5	0%
34	2405.15	10	16.4	-8.4	2	-23.9	-15.5	0%
35	2405.20	10	16.4	-8.4	2	-23.9	-15.5	0%
36	2405.25	10	16.4	-8.4	2	-23.9	-15.5	0%
37	2405.30	10	16.4	-8.4	2	-23.9	-15.5	0%
38	2405.35	10	16.4	-8.4	2	-23.9	-15.5	0%
39	2405.40	10	16.4	-8.4	2	-23.9	-15.5	0%
40	2405.45	10	16.4	-8.4	2	-23.9	-15.5	0%
41	2405.50	10	16.4	-8.4	2	-23.9	-15.5	0%
42	2405.55	10	16.4	-8.4	2	-23.9	-15.5	0%
43	2405.60	10	16.4	-8.4	2	-23.9	-15.5	0%
44	2405.65	10	16.4	-8.4	2	-23.9	-15.5	0%
45	2405.70	10	16.4	-8.4	2	-23.9	-15.5	0%
46	2405.75	10	16.4	-8.4	2	-23.9	-15.5	0%
47	2405.80	10	16.4	-8.4	2	-23.9	-15.5	0%
48	2405.85	10	16.4	-8.4	2	-23.9	-15.5	0%
49	2405.90	10	16.4	-8.4	2	-23.9	-15.5	0%
50	2405.95	10	16.4	-8.4	2	-23.9	-15.5	0%
51	2406.00	10	16.4	-8.4	2	-23.9	-15.5	0%
52	2406.05	10	16.4	-8.4	2	-23.9	-15.5	0%
53	2406.10	10	16.4	-8.4	2	-23.9	-15.5	0%
54	2406.15	10	16.4	-8.4	2	-23.9	-15.5	0%
55	2406.20	10	16.4	-8.4	2	-23.9	-15.5	0%
56	2406.25	10	16.4	-8.4	2	-23.9	-15.5	0%
57	2406.30	10	16.4	-8.4	2	-23.9	-15.5	0%
58	2406.35	10	16.4	-8.4	2	-23.9	-15.5	0%
59	2406.40	10	16.4	-8.4	2	-23.9	-15.5	0%
60	2406.45	10	16.4	-8.4	2	-23.9	-15.5	0%
61	2406.50	10	16.4	-8.4	2	-23.9	-15.5	0%
62	2406.55	10	16.4	-8.4	2	-23.9	-15.5	0%
63	2406.60	10	16.4	-8.4	2	-23.9	-15.5	0%
64	2406.65	10	16.4	-8.4	2	-23.9	-15.5	0%

	Frequency (MHz)	Gp (dB)	(S/N) _o (dB)	Mj _{1/3} (dB)	Lsys (dB)	Interfer. (dBm)	S (dBm)	PER
65	2406.70	10	16.4	-8.4	2	-23.9	-15.5	0%
66	2406.75	10	16.4	-8.4	2	-23.9	-15.5	0%
67	2406.80	10	16.4	-8.4	2	-23.9	-15.5	0%
68	2406.85	10	16.4	-8.4	2	-23.9	-15.5	0%
69	2406.90	10	16.4	-8.4	2	-23.9	-15.5	0%
70	2406.95	10	16.4	-8.4	2	-23.9	-15.5	0%
71	2407.00	10	16.4	-8.4	2	-23.9	-15.5	0%
72	2407.05	10	16.4	-8.4	2	-23.9	-15.5	0%
73	2407.10	10	16.4	-8.4	2	-23.9	-15.5	0%
74	2407.15	10	16.4	-8.4	2	-23.9	-15.5	0%
75	2407.20	10	16.4	-8.4	2	-23.9	-15.5	0%
76	2407.25	10	16.4	-8.4	2	-23.9	-15.5	0%
77	2407.30	10	16.4	-8.4	2	-23.9	-15.5	0%
78	2407.35	10	16.4	-8.4	2	-23.9	-15.5	0%
79	2407.40	10	16.4	-8.4	2	-23.9	-15.5	0%
80	2407.45	10	16.4	-8.4	2	-23.9	-15.5	0%
81	2407.50	10	16.4	-8.4	2	-23.9	-15.5	0%
82	2407.55	10	16.4	-8.4	2	-23.9	-15.5	0%
83	2407.60	10	16.4	-8.4	2	-23.9	-15.5	0%
84	2407.65	10	16.4	-8.4	2	-23.9	-15.5	0%
85	2407.70	10	16.4	-8.4	2	-23.9	-15.5	0%
86	2407.75	10	16.4	-8.4	2	-23.9	-15.5	0%
87	2407.80	10	16.4	-8.4	2	-23.9	-15.5	0%
88	2407.85	10	16.4	-8.4	2	-23.9	-15.5	0%
89	2407.90	10	16.4	-8.4	2	-23.9	-15.5	0%
90	2407.95	10	16.4	-8.4	2	-23.9	-15.5	0%
91	2408.00	10	16.4	-8.4	2	-23.9	-15.5	0%
92	2408.05	10	16.4	-8.4	2	-23.9	-15.5	0%
93	2408.10	10	16.4	-8.4	2	-23.9	-15.5	0%
94	2408.15	10	16.4	-8.4	2	-23.9	-15.5	0%
95	2408.20	10	16.4	-8.4	2	-23.9	-15.5	0%
96	2408.25	10	16.4	-8.4	2	-23.9	-15.5	0%
97	2408.30	10	16.4	-8.4	2	-23.9	-15.5	0%
98	2408.35	10	16.4	-8.4	2	-23.9	-15.5	0%
99	2408.40	10	16.4	-8.4	2	-23.9	-15.5	0%
100	2408.45	10	16.4	-8.4	2	-23.9	-15.5	0%
101	2408.50	10	16.4	-8.4	2	-23.9	-15.5	0%
102	2408.55	10	16.4	-8.4	2	-23.9	-15.5	0%
103	2408.60	10	16.4	-8.4	2	-23.9	-15.5	0%
104	2408.65	10	16.4	-8.4	2	-23.9	-15.5	0%
105	2408.70	10	16.4	-8.4	2	-23.9	-15.5	0%
106	2408.75	10	16.4	-8.4	2	-23.9	-15.5	0%
107	2408.80	10	16.4	-8.4	2	-23.9	-15.5	0%
108	2408.85	10	16.4	-8.4	2	-23.9	-15.5	0%
109	2408.90	10	16.4	-8.4	2	-23.9	-15.5	0%
110	2408.95	10	16.4	-8.4	2	-23.9	-15.5	0%
111	2409.00	10	16.4	-8.4	2	-23.9	-15.5	0%
112	2409.05	10	16.4	-8.4	2	-23.9	-15.5	0%
113	2409.10	10	16.4	-8.4	2	-23.9	-15.5	0%
114	2409.15	10	16.4	-8.4	2	-23.9	-15.5	0%
115	2409.20	10	16.4	-8.4	2	-23.9	-15.5	0%
116	2409.25	10	16.4	-8.4	2	-23.9	-15.5	0%
117	2409.30	10	16.4	-8.4	2	-23.9	-15.5	0%
118	2409.35	10	16.4	-8.4	2	-23.9	-15.5	0%
119	2409.40	10	16.4	-8.4	2	-23.9	-15.5	0%
120	2409.45	10	16.4	-8.4	2	-23.9	-15.5	0%
121	2409.50	10	16.4	-8.4	2	-23.9	-15.5	0%
122	2409.55	10	16.4	-8.4	2	-23.9	-15.5	0%
123	2409.60	10	16.4	-8.4	2	-23.9	-15.5	0%
124	2409.65	10	16.4	-8.4	2	-23.9	-15.5	0%
125	2409.70	10	16.4	-8.4	2	-23.9	-15.5	0%
126	2409.75	10	16.4	-8.4	2	-23.9	-15.5	0%
127	2409.80	10	16.4	-8.4	2	-23.9	-15.5	0%
128	2409.85	10	16.4	-8.4	2	-23.9	-15.5	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	M ₁ = 1/S (dB)	L _{sys} (dB)	J _{antenna} (dBm)	S (dBm)	PER
129	2409.90	10	16.4	-8.4	2	-23.9	-15.5	0%
130	2409.95	10	16.4	-8.4	2	-23.9	-15.5	0%
131	2410.00	10	16.4	-8.4	2	-23.9	-15.5	0%
132	2410.05	10	16.4	-8.4	2	-23.9	-15.5	0%
133	2410.10	10	16.4	-8.4	2	-23.9	-15.5	0%
134	2410.15	10	16.4	-8.4	2	-23.9	-15.5	0%
135	2410.20	10	16.4	-8.4	2	-23.9	-15.5	0%
136	2410.25	10	16.4	-8.4	2	-23.9	-15.5	0%
137	2410.30	10	16.4	-8.4	2	-23.9	-15.5	0%
138	2410.35	10	16.4	-8.4	2	-23.9	-15.5	0%
139	2410.40	10	16.4	-8.4	2	-23.9	-15.5	0%
140	2410.45	10	16.4	-8.4	2	-23.9	-15.5	0%
141	2410.50	10	16.4	-8.4	2	-23.9	-15.5	0%
142	2410.55	10	16.4	-8.4	2	-23.9	-15.5	0%
143	2410.60	10	16.4	-8.4	2	-23.9	-15.5	0%
144	2410.65	10	16.4	-8.4	2	-23.9	-15.5	0%
145	2410.70	10	16.4	-8.4	2	-23.9	-15.5	0%
146	2410.75	10	16.4	-8.4	2	-23.9	-15.5	0%
147	2410.80	10	16.4	-8.4	2	-23.9	-15.5	0%
148	2410.85	10	16.4	-8.4	2	-23.9	-15.5	0%
149	2410.90	10	16.4	-8.4	2	-23.9	-15.5	0%
150	2410.95	10	16.4	-8.4	2	-23.9	-15.5	0%
151	2411.00	10	16.4	-8.4	2	-23.9	-15.5	0%
152	2411.05	10	16.4	-8.4	2	-23.9	-15.5	2%
153	2411.10	10	16.4	-8.4	2	-23.9	-15.5	0%
154	2411.15	10	16.4	-8.4	2	-23.9	-15.5	0%
155	2411.20	10	16.4	-8.4	2	-23.9	-15.5	0%
156	2411.25	10	16.4	-8.4	2	-23.9	-15.5	0%
157	2411.30	10	16.4	-8.4	2	-23.9	-15.5	0%
158	2411.35	10	16.4	-8.4	2	-23.9	-15.5	0%
159	2411.40	10	16.4	-8.4	2	-23.9	-15.5	0%
160	2411.45	10	16.4	-8.4	2	-23.9	-15.5	0%
161	2411.50	10	16.4	-8.4	2	-23.9	-15.5	23%
162	2411.55	10	16.4	-8.4	2	-23.9	-15.5	0%
163	2411.60	10	16.4	-8.4	2	-23.9	-15.5	0%
164	2411.65	10	16.4	-8.4	2	-23.9	-15.5	0%
165	2411.70	10	16.4	-8.4	2	-23.9	-15.5	0%
166	2411.75	10	16.4	-8.4	2	-23.9	-15.5	0%
167	2411.80	10	16.4	-8.4	2	-23.9	-15.5	0%
168	2411.85	10	16.4	-8.4	2	-23.9	-15.5	0%
169	2411.90	10	16.4	-8.4	2	-23.9	-15.5	0%
170	2411.95	10	16.4	-8.4	2	-23.9	-15.5	0%
171	2412.00	10	16.4	-8.4	2	-23.9	-15.5	0%
172	2412.05	10	16.4	-8.4	2	-23.9	-15.5	2%
173	2412.10	10	16.4	-8.4	2	-23.9	-15.5	0%
174	2412.15	10	16.4	-8.4	2	-23.9	-15.5	0%
175	2412.20	10	16.4	-8.4	2	-23.9	-15.5	0%
176	2412.25	10	16.4	-8.4	2	-23.9	-15.5	0%
177	2412.30	10	16.4	-8.4	2	-23.9	-15.5	0%
178	2412.35	10	16.4	-8.4	2	-23.9	-15.5	0%
179	2412.40	10	16.4	-8.4	2	-23.9	-15.5	0%
180	2412.45	10	16.4	-8.4	2	-23.9	-15.5	0%
181	2412.50	10	16.4	-8.4	2	-23.9	-15.5	0%
182	2412.55	10	16.4	-8.4	2	-23.9	-15.5	7%
183	2412.60	10	16.4	-8.4	2	-23.9	-15.5	0%
184	2412.65	10	16.4	-8.4	2	-23.9	-15.5	0%
185	2412.70	10	16.4	-8.4	2	-23.9	-15.5	0%
186	2412.75	10	16.4	-8.4	2	-23.9	-15.5	0%
187	2412.80	10	16.4	-8.4	2	-23.9	-15.5	3%
188	2412.85	10	16.4	-8.4	2	-23.9	-15.5	8%
189	2412.90	10	16.4	-8.4	2	-23.9	-15.5	3%
190	2412.95	10	16.4	-8.4	2	-23.9	-15.5	0%
191	2413.00	10	16.4	-8.4	2	-23.9	-15.5	0%
192	2413.05	10	16.4	-8.4	2	-23.9	-15.5	5%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	M ₁ = 1/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
193	2413.10	10	16.4	-8.4	2	-23.9	-15.5	0%
194	2413.15	10	16.4	-8.4	2	-23.9	-15.5	0%
195	2413.20	10	16.4	-8.4	2	-23.9	-15.5	0%
196	2413.25	10	16.4	-8.4	2	-23.9	-15.5	0%
197	2413.30	10	16.4	-8.4	2	-23.9	-15.5	0%
198	2413.35	10	16.4	-8.4	2	-23.9	-15.5	0%
199	2413.40	10	16.4	-8.4	2	-23.9	-15.5	0%
200	2413.45	10	16.4	-8.4	2	-23.9	-15.5	0%
201	2413.50	10	16.4	-8.4	2	-23.9	-15.5	0%
202	2413.55	10	16.4	-8.4	2	-23.9	-15.5	0%
203	2413.60	10	16.4	-8.4	2	-23.9	-15.5	0%
204	2413.65	10	16.4	-8.4	2	-23.9	-15.5	0%
205	2413.70	10	16.4	-8.4	2	-23.9	-15.5	0%
206	2413.75	10	16.4	-8.4	2	-23.9	-15.5	0%
207	2413.80	10	16.4	-8.4	2	-23.9	-15.5	0%
208	2413.85	10	16.4	-8.4	2	-23.9	-15.5	0%
209	2413.90	10	16.4	-8.4	2	-23.9	-15.5	0%
210	2413.95	10	16.4	-8.4	2	-23.9	-15.5	0%
211	2414.00	10	16.4	-8.4	2	-23.9	-15.5	0%
212	2414.05	10	16.4	-8.4	2	-23.9	-15.5	0%
213	2414.10	10	16.4	-8.4	2	-23.9	-15.5	0%
214	2414.15	10	16.4	-8.4	2	-23.9	-15.5	0%
215	2414.20	10	16.4	-8.4	2	-23.9	-15.5	0%
216	2414.25	10	16.4	-8.4	2	-23.9	-15.5	0%
217	2414.30	10	16.4	-8.4	2	-23.9	-15.5	0%
218	2414.35	10	16.4	-8.4	2	-23.9	-15.5	0%
219	2414.40	10	16.4	-8.4	2	-23.9	-15.5	0%
220	2414.45	10	16.4	-8.4	2	-23.9	-15.5	0%
221	2414.50	10	16.4	-8.4	2	-23.9	-15.5	0%
222	2414.55	10	16.4	-8.4	2	-23.9	-15.5	0%
223	2414.60	10	16.4	-8.4	2	-23.9	-15.5	0%
224	2414.65	10	16.4	-8.4	2	-23.9	-15.5	0%
225	2414.70	10	16.4	-8.4	2	-23.9	-15.5	0%
226	2414.75	10	16.4	-8.4	2	-23.9	-15.5	0%
227	2414.80	10	16.4	-8.4	2	-23.9	-15.5	0%
228	2414.85	10	16.4	-8.4	2	-23.9	-15.5	0%
229	2414.90	10	16.4	-8.4	2	-23.9	-15.5	0%
230	2414.95	10	16.4	-8.4	2	-23.9	-15.5	0%
231	2415.00	10	16.4	-8.4	2	-23.9	-15.5	0%
232	2415.05	10	16.4	-8.4	2	-23.9	-15.5	0%
233	2415.10	10	16.4	-8.4	2	-23.9	-15.5	0%
234	2415.15	10	16.4	-8.4	2	-23.9	-15.5	0%
235	2415.20	10	16.4	-8.4	2	-23.9	-15.5	0%
236	2415.25	10	16.4	-8.4	2	-23.9	-15.5	0%
237	2415.30	10	16.4	-8.4	2	-23.9	-15.5	0%
238	2415.35	10	16.4	-8.4	2	-23.9	-15.5	0%
239	2415.40	10	16.4	-8.4	2	-23.9	-15.5	0%
240	2415.45	10	16.4	-8.4	2	-23.9	-15.5	0%
241	2415.50	10	16.4	-8.4	2	-23.9	-15.5	0%
242	2415.55	10	16.4	-8.4	2	-23.9	-15.5	0%
243	2415.60	10	16.4	-8.4	2	-23.9	-15.5	0%
244	2415.65	10	16.4	-8.4	2	-23.9	-15.5	0%
245	2415.70	10	16.4	-8.4	2	-23.9	-15.5	0%
246	2415.75	10	16.4	-8.4	2	-23.9	-15.5	0%
247	2415.80	10	16.4	-8.4	2	-23.9	-15.5	0%
248	2415.85	10	16.4	-8.4	2	-23.9	-15.5	0%
249	2415.90	10	16.4	-8.4	2	-23.9	-15.5	0%
250	2415.95	10	16.4	-8.4	2	-23.9	-15.5	0%
251	2416.00	10	16.4	-8.4	2	-23.9	-15.5	0%
252	2416.05	10	16.4	-8.4	2	-23.9	-15.5	0%
253	2416.10	10	16.4	-8.4	2	-23.9	-15.5	0%
254	2416.15	10	16.4	-8.4	2	-23.9	-15.5	0%
255	2416.20	10	16.4	-8.4	2	-23.9	-15.5	0%
256	2416.25	10	16.4	-8.4	2	-23.9	-15.5	0%

	Frequency (MHz)	Gp (dB)	(S/N) _p (dB)	Mj = I/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
257	2416.30	10	16.4	-8.4	2	-23.9	-15.5	0%
258	2416.35	10	16.4	-8.4	2	-23.9	-15.5	0%
259	2416.40	10	16.4	-8.4	2	-23.9	-15.5	0%
260	2416.45	10	16.4	-8.4	2	-23.9	-15.5	0%
261	2416.50	10	16.4	-8.4	2	-23.9	-15.5	0%
262	2416.55	10	16.4	-8.4	2	-23.9	-15.5	0%
263	2416.60	10	16.4	-8.4	2	-23.9	-15.5	0%
264	2416.65	10	16.4	-8.4	2	-23.9	-15.5	0%
265	2416.70	10	16.4	-8.4	2	-23.9	-15.5	0%
266	2416.75	10	16.4	-8.4	2	-23.9	-15.5	0%
267	2416.80	10	16.4	-8.4	2	-23.9	-15.5	0%
268	2416.85	10	16.4	-8.4	2	-23.9	-15.5	0%
269	2416.90	10	16.4	-8.4	2	-23.9	-15.5	0%
270	2416.95	10	16.4	-8.4	2	-23.9	-15.5	0%
271	2417.00	10	16.4	-8.4	2	-23.9	-15.5	0%
272	2417.05	10	16.4	-8.4	2	-23.9	-15.5	0%
273	2417.10	10	16.4	-8.4	2	-23.9	-15.5	0%
274	2417.15	10	16.4	-8.4	2	-23.9	-15.5	0%
275	2417.20	10	16.4	-8.4	2	-23.9	-15.5	0%
276	2417.25	10	16.4	-8.4	2	-23.9	-15.5	0%
277	2417.30	10	16.4	-8.4	2	-23.9	-15.5	0%
278	2417.35	10	16.4	-8.4	2	-23.9	-15.5	0%
279	2417.40	10	16.4	-8.4	2	-23.9	-15.5	0%
280	2417.45	10	16.4	-8.4	2	-23.9	-15.5	0%
281	2417.50	10	16.4	-8.4	2	-23.9	-15.5	0%
282	2417.55	10	16.4	-8.4	2	-23.9	-15.5	0%
283	2417.60	10	16.4	-8.4	2	-23.9	-15.5	0%
284	2417.65	10	16.4	-8.4	2	-23.9	-15.5	0%
285	2417.70	10	16.4	-8.4	2	-23.9	-15.5	0%
286	2417.75	10	16.4	-8.4	2	-23.9	-15.5	0%
287	2417.80	10	16.4	-8.4	2	-23.9	-15.5	0%
288	2417.85	10	16.4	-8.4	2	-23.9	-15.5	0%
289	2417.90	10	16.4	-8.4	2	-23.9	-15.5	0%
290	2417.95	10	16.4	-8.4	2	-23.9	-15.5	0%
291	2418.00	10	16.4	-8.4	2	-23.9	-15.5	0%
292	2418.05	10	16.4	-8.4	2	-23.9	-15.5	0%
293	2418.10	10	16.4	-8.4	2	-23.9	-15.5	0%
294	2418.15	10	16.4	-8.4	2	-23.9	-15.5	0%
295	2418.20	10	16.4	-8.4	2	-23.9	-15.5	0%
296	2418.25	10	16.4	-8.4	2	-23.9	-15.5	0%
297	2418.30	10	16.4	-8.4	2	-23.9	-15.5	0%
298	2418.35	10	16.4	-8.4	2	-23.9	-15.5	0%
299	2418.40	10	16.4	-8.4	2	-23.9	-15.5	0%
300	2418.45	10	16.4	-8.4	2	-23.9	-15.5	0%
301	2418.50	10	16.4	-8.4	2	-23.9	-15.5	0%
302	2418.55	10	16.4	-8.4	2	-23.9	-15.5	0%
303	2418.60	10	16.4	-8.4	2	-23.9	-15.5	0%
304	2418.65	10	16.4	-8.4	2	-23.9	-15.5	0%
305	2418.70	10	16.4	-8.4	2	-23.9	-15.5	0%
306	2418.75	10	16.4	-8.4	2	-23.9	-15.5	0%
307	2418.80	10	16.4	-8.4	2	-23.9	-15.5	0%
308	2418.85	10	16.4	-8.4	2	-23.9	-15.5	0%
309	2418.90	10	16.4	-8.4	2	-23.9	-15.5	0%
310	2418.95	10	16.4	-8.4	2	-23.9	-15.5	0%
311	2419.00	10	16.4	-8.4	2	-23.9	-15.5	0%
312	2419.05	10	16.4	-8.4	2	-23.9	-15.5	0%
313	2419.10	10	16.4	-8.4	2	-23.9	-15.5	0%
314	2419.15	10	16.4	-8.4	2	-23.9	-15.5	0%
315	2419.20	10	16.4	-8.4	2	-23.9	-15.5	0%
316	2419.25	10	16.4	-8.4	2	-23.9	-15.5	0%
317	2419.30	10	16.4	-8.4	2	-23.9	-15.5	0%
318	2419.35	10	16.4	-8.4	2	-23.9	-15.5	0%
319	2419.40	10	16.4	-8.4	2	-23.9	-15.5	0%
320	2419.45	10	16.4	-8.4	2	-23.9	-15.5	0%

6ch

	Frequency (MHz)	Cp (dB)	(S/N) o (dB)	Mj =I/S (dB)	Lsys (dB)	Jamms (dBm)	S (dBm)	PER
1	2428.50	10	16.4	-8.4	2	-24.2	-15.8	0%
2	2428.55	10	16.4	-8.4	2	-24.2	-15.8	0%
3	2428.60	10	16.4	-8.4	2	-24.2	-15.8	0%
4	2428.65	10	16.4	-8.4	2	-24.2	-15.8	0%
5	2428.70	10	16.4	-8.4	2	-24.2	-15.8	0%
6	2428.75	10	16.4	-8.4	2	-24.2	-15.8	0%
7	2428.80	10	16.4	-8.4	2	-24.2	-15.8	0%
8	2428.85	10	16.4	-8.4	2	-24.2	-15.8	0%
9	2428.90	10	16.4	-8.4	2	-24.2	-15.8	0%
10	2428.95	10	16.4	-8.4	2	-24.2	-15.8	0%
11	2429.00	10	16.4	-8.4	2	-24.2	-15.8	0%
12	2429.05	10	16.4	-8.4	2	-24.2	-15.8	0%
13	2429.10	10	16.4	-8.4	2	-24.2	-15.8	0%
14	2429.15	10	16.4	-8.4	2	-24.2	-15.8	0%
15	2429.20	10	16.4	-8.4	2	-24.2	-15.8	0%
16	2429.25	10	16.4	-8.4	2	-24.2	-15.8	0%
17	2429.30	10	16.4	-8.4	2	-24.2	-15.8	0%
18	2429.35	10	16.4	-8.4	2	-24.2	-15.8	0%
19	2429.40	10	16.4	-8.4	2	-24.2	-15.8	0%
20	2429.45	10	16.4	-8.4	2	-24.2	-15.8	0%
21	2429.50	10	16.4	-8.4	2	-24.2	-15.8	0%
22	2429.55	10	16.4	-8.4	2	-24.2	-15.8	0%
23	2429.60	10	16.4	-8.4	2	-24.2	-15.8	0%
24	2429.65	10	16.4	-8.4	2	-24.2	-15.8	0%
25	2429.70	10	16.4	-8.4	2	-24.2	-15.8	0%
26	2429.75	10	16.4	-8.4	2	-24.2	-15.8	0%
27	2429.80	10	16.4	-8.4	2	-24.2	-15.8	0%
28	2429.85	10	16.4	-8.4	2	-24.2	-15.8	0%
29	2429.90	10	16.4	-8.4	2	-24.2	-15.8	0%
30	2429.95	10	16.4	-8.4	2	-24.2	-15.8	0%
31	2430.00	10	16.4	-8.4	2	-24.2	-15.8	0%
32	2430.05	10	16.4	-8.4	2	-24.2	-15.8	0%
33	2430.10	10	16.4	-8.4	2	-24.2	-15.8	0%
34	2430.15	10	16.4	-8.4	2	-24.2	-15.8	0%
35	2430.20	10	16.4	-8.4	2	-24.2	-15.8	0%
36	2430.25	10	16.4	-8.4	2	-24.2	-15.8	0%
37	2430.30	10	16.4	-8.4	2	-24.2	-15.8	0%
38	2430.35	10	16.4	-8.4	2	-24.2	-15.8	0%
39	2430.40	10	16.4	-8.4	2	-24.2	-15.8	0%
40	2430.45	10	16.4	-8.4	2	-24.2	-15.8	0%
41	2430.50	10	16.4	-8.4	2	-24.2	-15.8	0%
42	2430.55	10	16.4	-8.4	2	-24.2	-15.8	0%
43	2430.60	10	16.4	-8.4	2	-24.2	-15.8	0%
44	2430.65	10	16.4	-8.4	2	-24.2	-15.8	0%
45	2430.70	10	16.4	-8.4	2	-24.2	-15.8	0%
46	2430.75	10	16.4	-8.4	2	-24.2	-15.8	0%
47	2430.80	10	16.4	-8.4	2	-24.2	-15.8	0%
48	2430.85	10	16.4	-8.4	2	-24.2	-15.8	0%
49	2430.90	10	16.4	-8.4	2	-24.2	-15.8	0%
50	2430.95	10	16.4	-8.4	2	-24.2	-15.8	0%
51	2431.00	10	16.4	-8.4	2	-24.2	-15.8	0%
52	2431.05	10	16.4	-8.4	2	-24.2	-15.8	0%
53	2431.10	10	16.4	-8.4	2	-24.2	-15.8	0%
54	2431.15	10	16.4	-8.4	2	-24.2	-15.8	0%
55	2431.20	10	16.4	-8.4	2	-24.2	-15.8	0%
56	2431.25	10	16.4	-8.4	2	-24.2	-15.8	0%
57	2431.30	10	16.4	-8.4	2	-24.2	-15.8	0%
58	2431.35	10	16.4	-8.4	2	-24.2	-15.8	0%
59	2431.40	10	16.4	-8.4	2	-24.2	-15.8	0%
60	2431.45	10	16.4	-8.4	2	-24.2	-15.8	0%
61	2431.50	10	16.4	-8.4	2	-24.2	-15.8	0%
62	2431.55	10	16.4	-8.4	2	-24.2	-15.8	0%
63	2431.60	10	16.4	-8.4	2	-24.2	-15.8	0%
64	2431.65	10	16.4	-8.4	2	-24.2	-15.8	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	Mj = J/S (dB)	Lsys (dB)	Fazmer (dBm)	S (dBm)	PER
65	2431.70	10	16.4	-8.4	2	-24.2	-15.8	0%
66	2431.75	10	16.4	-8.4	2	-24.2	-15.8	0%
67	2431.80	10	16.4	-8.4	2	-24.2	-15.8	0%
68	2431.85	10	16.4	-8.4	2	-24.2	-15.8	0%
69	2431.90	10	16.4	-8.4	2	-24.2	-15.8	0%
70	2431.95	10	16.4	-8.4	2	-24.2	-15.8	0%
71	2432.00	10	16.4	-8.4	2	-24.2	-15.8	0%
72	2432.05	10	16.4	-8.4	2	-24.2	-15.8	0%
73	2432.10	10	16.4	-8.4	2	-24.2	-15.8	0%
74	2432.15	10	16.4	-8.4	2	-24.2	-15.8	0%
75	2432.20	10	16.4	-8.4	2	-24.2	-15.8	0%
76	2432.25	10	16.4	-8.4	2	-24.2	-15.8	0%
77	2432.30	10	16.4	-8.4	2	-24.2	-15.8	0%
78	2432.35	10	16.4	-8.4	2	-24.2	-15.8	0%
79	2432.40	10	16.4	-8.4	2	-24.2	-15.8	0%
80	2432.45	10	16.4	-8.4	2	-24.2	-15.8	0%
81	2432.50	10	16.4	-8.4	2	-24.2	-15.8	0%
82	2432.55	10	16.4	-8.4	2	-24.2	-15.8	0%
83	2432.60	10	16.4	-8.4	2	-24.2	-15.8	0%
84	2432.65	10	16.4	-8.4	2	-24.2	-15.8	0%
85	2432.70	10	16.4	-8.4	2	-24.2	-15.8	0%
86	2432.75	10	16.4	-8.4	2	-24.2	-15.8	0%
87	2432.80	10	16.4	-8.4	2	-24.2	-15.8	0%
88	2432.85	10	16.4	-8.4	2	-24.2	-15.8	0%
89	2432.90	10	16.4	-8.4	2	-24.2	-15.8	0%
90	2432.95	10	16.4	-8.4	2	-24.2	-15.8	0%
91	2433.00	10	16.4	-8.4	2	-24.2	-15.8	0%
92	2433.05	10	16.4	-8.4	2	-24.2	-15.8	0%
93	2433.10	10	16.4	-8.4	2	-24.2	-15.8	0%
94	2433.15	10	16.4	-8.4	2	-24.2	-15.8	0%
95	2433.20	10	16.4	-8.4	2	-24.2	-15.8	0%
96	2433.25	10	16.4	-8.4	2	-24.2	-15.8	0%
97	2433.30	10	16.4	-8.4	2	-24.2	-15.8	0%
98	2433.35	10	16.4	-8.4	2	-24.2	-15.8	0%
99	2433.40	10	16.4	-8.4	2	-24.2	-15.8	0%
100	2433.45	10	16.4	-8.4	2	-24.2	-15.8	0%
101	2433.50	10	16.4	-8.4	2	-24.2	-15.8	0%
102	2433.55	10	16.4	-8.4	2	-24.2	-15.8	0%
103	2433.60	10	16.4	-8.4	2	-24.2	-15.8	0%
104	2433.65	10	16.4	-8.4	2	-24.2	-15.8	0%
105	2433.70	10	16.4	-8.4	2	-24.2	-15.8	0%
106	2433.75	10	16.4	-8.4	2	-24.2	-15.8	0%
107	2433.80	10	16.4	-8.4	2	-24.2	-15.8	0%
108	2433.85	10	16.4	-8.4	2	-24.2	-15.8	0%
109	2433.90	10	16.4	-8.4	2	-24.2	-15.8	0%
110	2433.95	10	16.4	-8.4	2	-24.2	-15.8	0%
111	2434.00	10	16.4	-8.4	2	-24.2	-15.8	0%
112	2434.05	10	16.4	-8.4	2	-24.2	-15.8	0%
113	2434.10	10	16.4	-8.4	2	-24.2	-15.8	0%
114	2434.15	10	16.4	-8.4	2	-24.2	-15.8	0%
115	2434.20	10	16.4	-8.4	2	-24.2	-15.8	0%
116	2434.25	10	16.4	-8.4	2	-24.2	-15.8	0%
117	2434.30	10	16.4	-8.4	2	-24.2	-15.8	0%
118	2434.35	10	16.4	-8.4	2	-24.2	-15.8	0%
119	2434.40	10	16.4	-8.4	2	-24.2	-15.8	0%
120	2434.45	10	16.4	-8.4	2	-24.2	-15.8	0%
121	2434.50	10	16.4	-8.4	2	-24.2	-15.8	0%
122	2434.55	10	16.4	-8.4	2	-24.2	-15.8	0%
123	2434.60	10	16.4	-8.4	2	-24.2	-15.8	0%
124	2434.65	10	16.4	-8.4	2	-24.2	-15.8	0%
125	2434.70	10	16.4	-8.4	2	-24.2	-15.8	0%
126	2434.75	10	16.4	-8.4	2	-24.2	-15.8	0%
127	2434.80	10	16.4	-8.4	2	-24.2	-15.8	0%
128	2434.85	10	16.4	-8.4	2	-24.2	-15.8	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	M _j = 1/5 (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
129	2434.90	10	16.4	-8.4	2	-24.2	-15.8	0%
130	2434.95	10	16.4	-8.4	2	-24.2	-15.8	0%
131	2435.00	10	16.4	-8.4	2	-24.2	-15.8	0%
132	2435.05	10	16.4	-8.4	2	-24.2	-15.8	0%
133	2435.10	10	16.4	-8.4	2	-24.2	-15.8	0%
134	2435.15	10	16.4	-8.4	2	-24.2	-15.8	0%
135	2435.20	10	16.4	-8.4	2	-24.2	-15.8	0%
136	2435.25	10	16.4	-8.4	2	-24.2	-15.8	0%
137	2435.30	10	16.4	-8.4	2	-24.2	-15.8	0%
138	2435.35	10	16.4	-8.4	2	-24.2	-15.8	0%
139	2435.40	10	16.4	-8.4	2	-24.2	-15.8	0%
140	2435.45	10	16.4	-8.4	2	-24.2	-15.8	0%
141	2435.50	10	16.4	-8.4	2	-24.2	-15.8	0%
142	2435.55	10	16.4	-8.4	2	-24.2	-15.8	0%
143	2435.60	10	16.4	-8.4	2	-24.2	-15.8	0%
144	2435.65	10	16.4	-8.4	2	-24.2	-15.8	0%
145	2435.70	10	16.4	-8.4	2	-24.2	-15.8	0%
146	2435.75	10	16.4	-8.4	2	-24.2	-15.8	0%
147	2435.80	10	16.4	-8.4	2	-24.2	-15.8	0%
148	2435.85	10	16.4	-8.4	2	-24.2	-15.8	0%
149	2435.90	10	16.4	-8.4	2	-24.2	-15.8	0%
150	2435.95	10	16.4	-8.4	2	-24.2	-15.8	0%
151	2436.00	10	16.4	-8.4	2	-24.2	-15.8	0%
152	2436.05	10	16.4	-8.4	2	-24.2	-15.8	0%
153	2436.10	10	16.4	-8.4	2	-24.2	-15.8	0%
154	2436.15	10	16.4	-8.4	2	-24.2	-15.8	0%
155	2436.20	10	16.4	-8.4	2	-24.2	-15.8	0%
156	2436.25	10	16.4	-8.4	2	-24.2	-15.8	0%
157	2436.30	10	16.4	-8.4	2	-24.2	-15.8	0%
158	2436.35	10	16.4	-8.4	2	-24.2	-15.8	0%
159	2436.40	10	16.4	-8.4	2	-24.2	-15.8	0%
160	2436.45	10	16.4	-8.4	2	-24.2	-15.8	0%
161	2436.50	10	16.4	-8.4	2	-24.2	-15.8	0%
162	2436.55	10	16.4	-8.4	2	-24.2	-15.8	0%
163	2436.60	10	16.4	-8.4	2	-24.2	-15.8	0%
164	2436.65	10	16.4	-8.4	2	-24.2	-15.8	0%
165	2436.70	10	16.4	-8.4	2	-24.2	-15.8	0%
166	2436.75	10	16.4	-8.4	2	-24.2	-15.8	0%
167	2436.80	10	16.4	-8.4	2	-24.2	-15.8	0%
168	2436.85	10	16.4	-8.4	2	-24.2	-15.8	0%
169	2436.90	10	16.4	-8.4	2	-24.2	-15.8	0%
170	2436.95	10	16.4	-8.4	2	-24.2	-15.8	0%
171	2437.00	10	16.4	-8.4	2	-24.2	-15.8	0%
172	2437.05	10	16.4	-8.4	2	-24.2	-15.8	0%
173	2437.10	10	16.4	-8.4	2	-24.2	-15.8	0%
174	2437.15	10	16.4	-8.4	2	-24.2	-15.8	0%
175	2437.20	10	16.4	-8.4	2	-24.2	-15.8	0%
176	2437.25	10	16.4	-8.4	2	-24.2	-15.8	0%
177	2437.30	10	16.4	-8.4	2	-24.2	-15.8	0%
178	2437.35	10	16.4	-8.4	2	-24.2	-15.8	0%
179	2437.40	10	16.4	-8.4	2	-24.2	-15.8	0%
180	2437.45	10	16.4	-8.4	2	-24.2	-15.8	0%
181	2437.50	10	16.4	-8.4	2	-24.2	-15.8	0%
182	2437.55	10	16.4	-8.4	2	-24.2	-15.8	0%
183	2437.60	10	16.4	-8.4	2	-24.2	-15.8	0%
184	2437.65	10	16.4	-8.4	2	-24.2	-15.8	0%
185	2437.70	10	16.4	-8.4	2	-24.2	-15.8	0%
186	2437.75	10	16.4	-8.4	2	-24.2	-15.8	0%
187	2437.80	10	16.4	-8.4	2	-24.2	-15.8	0%
188	2437.85	10	16.4	-8.4	2	-24.2	-15.8	0%
189	2437.90	10	16.4	-8.4	2	-24.2	-15.8	0%
190	2437.95	10	16.4	-8.4	2	-24.2	-15.8	0%
191	2438.00	10	16.4	-8.4	2	-24.2	-15.8	0%
192	2438.05	10	16.4	-8.4	2	-24.2	-15.8	0%

	Frequency (MHz)	Cp (dB)	(S/N) α (dB)	VI = 1/3 (dB)	Lsys (dB)	Jammer (dB)	S (dB)	PER
193	2438.10	10	16.4	-8.4	2	-24.2	-15.8	0%
194	2438.15	10	16.4	-8.4	2	-24.2	-15.8	0%
195	2438.20	10	16.4	-8.4	2	-24.2	-15.8	0%
196	2438.25	10	16.4	-8.4	2	-24.2	-15.8	0%
197	2438.30	10	16.4	-8.4	2	-24.2	-15.8	0%
198	2438.35	10	16.4	-8.4	2	-24.2	-15.8	0%
199	2438.40	10	16.4	-8.4	2	-24.2	-15.8	0%
200	2438.45	10	16.4	-8.4	2	-24.2	-15.8	0%
201	2438.50	10	16.4	-8.4	2	-24.2	-15.8	0%
202	2438.55	10	16.4	-8.4	2	-24.2	-15.8	0%
203	2438.60	10	16.4	-8.4	2	-24.2	-15.8	0%
204	2438.65	10	16.4	-8.4	2	-24.2	-15.8	0%
205	2438.70	10	16.4	-8.4	2	-24.2	-15.8	0%
206	2438.75	10	16.4	-8.4	2	-24.2	-15.8	0%
207	2438.80	10	16.4	-8.4	2	-24.2	-15.8	0%
208	2438.85	10	16.4	-8.4	2	-24.2	-15.8	0%
209	2438.90	10	16.4	-8.4	2	-24.2	-15.8	0%
210	2438.95	10	16.4	-8.4	2	-24.2	-15.8	0%
211	2439.00	10	16.4	-8.4	2	-24.2	-15.8	0%
212	2439.05	10	16.4	-8.4	2	-24.2	-15.8	0%
213	2439.10	10	16.4	-8.4	2	-24.2	-15.8	0%
214	2439.15	10	16.4	-8.4	2	-24.2	-15.8	0%
215	2439.20	10	16.4	-8.4	2	-24.2	-15.8	0%
216	2439.25	10	16.4	-8.4	2	-24.2	-15.8	0%
217	2439.30	10	16.4	-8.4	2	-24.2	-15.8	0%
218	2439.35	10	16.4	-8.4	2	-24.2	-15.8	0%
219	2439.40	10	16.4	-8.4	2	-24.2	-15.8	0%
220	2439.45	10	16.4	-8.4	2	-24.2	-15.8	0%
221	2439.50	10	16.4	-8.4	2	-24.2	-15.8	0%
222	2439.55	10	16.4	-8.4	2	-24.2	-15.8	0%
223	2439.60	10	16.4	-8.4	2	-24.2	-15.8	0%
224	2439.65	10	16.4	-8.4	2	-24.2	-15.8	0%
225	2439.70	10	16.4	-8.4	2	-24.2	-15.8	0%
226	2439.75	10	16.4	-8.4	2	-24.2	-15.8	0%
227	2439.80	10	16.4	-8.4	2	-24.2	-15.8	0%
228	2439.85	10	16.4	-8.4	2	-24.2	-15.8	0%
229	2439.90	10	16.4	-8.4	2	-24.2	-15.8	0%
230	2439.95	10	16.4	-8.4	2	-24.2	-15.8	0%
231	2440.00	10	16.4	-8.4	2	-24.2	-15.8	0%
232	2440.05	10	16.4	-8.4	2	-24.2	-15.8	0%
233	2440.10	10	16.4	-8.4	2	-24.2	-15.8	0%
234	2440.15	10	16.4	-8.4	2	-24.2	-15.8	0%
235	2440.20	10	16.4	-8.4	2	-24.2	-15.8	0%
236	2440.25	10	16.4	-8.4	2	-24.2	-15.8	0%
237	2440.30	10	16.4	-8.4	2	-24.2	-15.8	0%
238	2440.35	10	16.4	-8.4	2	-24.2	-15.8	0%
239	2440.40	10	16.4	-8.4	2	-24.2	-15.8	0%
240	2440.45	10	16.4	-8.4	2	-24.2	-15.8	0%
241	2440.50	10	16.4	-8.4	2	-24.2	-15.8	0%
242	2440.55	10	16.4	-8.4	2	-24.2	-15.8	0%
243	2440.60	10	16.4	-8.4	2	-24.2	-15.8	0%
244	2440.65	10	16.4	-8.4	2	-24.2	-15.8	0%
245	2440.70	10	16.4	-8.4	2	-24.2	-15.8	0%
246	2440.75	10	16.4	-8.4	2	-24.2	-15.8	0%
247	2440.80	10	16.4	-8.4	2	-24.2	-15.8	0%
248	2440.85	10	16.4	-8.4	2	-24.2	-15.8	0%
249	2440.90	10	16.4	-8.4	2	-24.2	-15.8	0%
250	2440.95	10	16.4	-8.4	2	-24.2	-15.8	0%
251	2441.00	10	16.4	-8.4	2	-24.2	-15.8	0%
252	2441.05	10	16.4	-8.4	2	-24.2	-15.8	0%
253	2441.10	10	16.4	-8.4	2	-24.2	-15.8	0%
254	2441.15	10	16.4	-8.4	2	-24.2	-15.8	0%
255	2441.20	10	16.4	-8.4	2	-24.2	-15.8	0%
256	2441.25	10	16.4	-8.4	2	-24.2	-15.8	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	M ₁ = I/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
257	2441.30	10	16.4	-8.4	2	-24.2	-15.8	0%
258	2441.35	10	16.4	-8.4	2	-24.2	-15.8	0%
259	2441.40	10	16.4	-8.4	2	-24.2	-15.8	0%
260	2441.45	10	16.4	-8.4	2	-24.2	-15.8	0%
261	2441.50	10	16.4	-8.4	2	-24.2	-15.8	0%
262	2441.55	10	16.4	-8.4	2	-24.2	-15.8	0%
263	2441.60	10	16.4	-8.4	2	-24.2	-15.8	0%
264	2441.65	10	16.4	-8.4	2	-24.2	-15.8	0%
265	2441.70	10	16.4	-8.4	2	-24.2	-15.8	0%
266	2441.75	10	16.4	-8.4	2	-24.2	-15.8	0%
267	2441.80	10	16.4	-8.4	2	-24.2	-15.8	0%
268	2441.85	10	16.4	-8.4	2	-24.2	-15.8	0%
269	2441.90	10	16.4	-8.4	2	-24.2	-15.8	0%
270	2441.95	10	16.4	-8.4	2	-24.2	-15.8	0%
271	2442.00	10	16.4	-8.4	2	-24.2	-15.8	0%
272	2442.05	10	16.4	-8.4	2	-24.2	-15.8	0%
273	2442.10	10	16.4	-8.4	2	-24.2	-15.8	0%
274	2442.15	10	16.4	-8.4	2	-24.2	-15.8	0%
275	2442.20	10	16.4	-8.4	2	-24.2	-15.8	0%
276	2442.25	10	16.4	-8.4	2	-24.2	-15.8	0%
277	2442.30	10	16.4	-8.4	2	-24.2	-15.8	0%
278	2442.35	10	16.4	-8.4	2	-24.2	-15.8	0%
279	2442.40	10	16.4	-8.4	2	-24.2	-15.8	0%
280	2442.45	10	16.4	-8.4	2	-24.2	-15.8	0%
281	2442.50	10	16.4	-8.4	2	-24.2	-15.8	0%
282	2442.55	10	16.4	-8.4	2	-24.2	-15.8	0%
283	2442.60	10	16.4	-8.4	2	-24.2	-15.8	0%
284	2442.65	10	16.4	-8.4	2	-24.2	-15.8	0%
285	2442.70	10	16.4	-8.4	2	-24.2	-15.8	0%
286	2442.75	10	16.4	-8.4	2	-24.2	-15.8	0%
287	2442.80	10	16.4	-8.4	2	-24.2	-15.8	0%
288	2442.85	10	16.4	-8.4	2	-24.2	-15.8	0%
289	2442.90	10	16.4	-8.4	2	-24.2	-15.8	0%
290	2442.95	10	16.4	-8.4	2	-24.2	-15.8	0%
291	2443.00	10	16.4	-8.4	2	-24.2	-15.8	0%
292	2443.05	10	16.4	-8.4	2	-24.2	-15.8	0%
293	2443.10	10	16.4	-8.4	2	-24.2	-15.8	0%
294	2443.15	10	16.4	-8.4	2	-24.2	-15.8	0%
295	2443.20	10	16.4	-8.4	2	-24.2	-15.8	0%
296	2443.25	10	16.4	-8.4	2	-24.2	-15.8	0%
297	2443.30	10	16.4	-8.4	2	-24.2	-15.8	0%
298	2443.35	10	16.4	-8.4	2	-24.2	-15.8	0%
299	2443.40	10	16.4	-8.4	2	-24.2	-15.8	0%
300	2443.45	10	16.4	-8.4	2	-24.2	-15.8	0%
301	2443.50	10	16.4	-8.4	2	-24.2	-15.8	0%
302	2443.55	10	16.4	-8.4	2	-24.2	-15.8	0%
303	2443.60	10	16.4	-8.4	2	-24.2	-15.8	0%
304	2443.65	10	16.4	-8.4	2	-24.2	-15.8	0%
305	2443.70	10	16.4	-8.4	2	-24.2	-15.8	0%
306	2443.75	10	16.4	-8.4	2	-24.2	-15.8	0%
307	2443.80	10	16.4	-8.4	2	-24.2	-15.8	0%
308	2443.85	10	16.4	-8.4	2	-24.2	-15.8	0%
309	2443.90	10	16.4	-8.4	2	-24.2	-15.8	0%
310	2443.95	10	16.4	-8.4	2	-24.2	-15.8	0%
311	2444.00	10	16.4	-8.4	2	-24.2	-15.8	0%
312	2444.05	10	16.4	-8.4	2	-24.2	-15.8	0%
313	2444.10	10	16.4	-8.4	2	-24.2	-15.8	0%
314	2444.15	10	16.4	-8.4	2	-24.2	-15.8	0%
315	2444.20	10	16.4	-8.4	2	-24.2	-15.8	0%
316	2444.25	10	16.4	-8.4	2	-24.2	-15.8	0%
317	2444.30	10	16.4	-8.4	2	-24.2	-15.8	0%
318	2444.35	10	16.4	-8.4	2	-24.2	-15.8	0%
319	2444.40	10	16.4	-8.4	2	-24.2	-15.8	0%
320	2444.45	10	16.4	-8.4	2	-24.2	-15.8	0%

11ch

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	MJ = 1/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
1	2453.50	10	16.4	-8.4	2	-24.3	-15.9	0%
2	2453.55	10	16.4	-8.4	2	-24.3	-15.9	0%
3	2453.60	10	16.4	-8.4	2	-24.3	-15.9	0%
4	2453.65	10	16.4	-8.4	2	-24.3	-15.9	0%
5	2453.70	10	16.4	-8.4	2	-24.3	-15.9	0%
6	2453.75	10	16.4	-8.4	2	-24.3	-15.9	0%
7	2453.80	10	16.4	-8.4	2	-24.3	-15.9	0%
8	2453.85	10	16.4	-8.4	2	-24.3	-15.9	0%
9	2453.90	10	16.4	-8.4	2	-24.3	-15.9	0%
10	2453.95	10	16.4	-8.4	2	-24.3	-15.9	0%
11	2454.00	10	16.4	-8.4	2	-24.3	-15.9	0%
12	2454.05	10	16.4	-8.4	2	-24.3	-15.9	0%
13	2454.10	10	16.4	-8.4	2	-24.3	-15.9	0%
14	2454.15	10	16.4	-8.4	2	-24.3	-15.9	0%
15	2454.20	10	16.4	-8.4	2	-24.3	-15.9	0%
16	2454.25	10	16.4	-8.4	2	-24.3	-15.9	0%
17	2454.30	10	16.4	-8.4	2	-24.3	-15.9	0%
18	2454.35	10	16.4	-8.4	2	-24.3	-15.9	0%
19	2454.40	10	16.4	-8.4	2	-24.3	-15.9	0%
20	2454.45	10	16.4	-8.4	2	-24.3	-15.9	0%
21	2454.50	10	16.4	-8.4	2	-24.3	-15.9	0%
22	2454.55	10	16.4	-8.4	2	-24.3	-15.9	0%
23	2454.60	10	16.4	-8.4	2	-24.3	-15.9	0%
24	2454.65	10	16.4	-8.4	2	-24.3	-15.9	0%
25	2454.70	10	16.4	-8.4	2	-24.3	-15.9	0%
26	2454.75	10	16.4	-8.4	2	-24.3	-15.9	0%
27	2454.80	10	16.4	-8.4	2	-24.3	-15.9	0%
28	2454.85	10	16.4	-8.4	2	-24.3	-15.9	0%
29	2454.90	10	16.4	-8.4	2	-24.3	-15.9	0%
30	2454.95	10	16.4	-8.4	2	-24.3	-15.9	0%
31	2455.00	10	16.4	-8.4	2	-24.3	-15.9	0%
32	2455.05	10	16.4	-8.4	2	-24.3	-15.9	0%
33	2455.10	10	16.4	-8.4	2	-24.3	-15.9	0%
34	2455.15	10	16.4	-8.4	2	-24.3	-15.9	0%
35	2455.20	10	16.4	-8.4	2	-24.3	-15.9	0%
36	2455.25	10	16.4	-8.4	2	-24.3	-15.9	0%
37	2455.30	10	16.4	-8.4	2	-24.3	-15.9	0%
38	2455.35	10	16.4	-8.4	2	-24.3	-15.9	0%
39	2455.40	10	16.4	-8.4	2	-24.3	-15.9	0%
40	2455.45	10	16.4	-8.4	2	-24.3	-15.9	0%
41	2455.50	10	16.4	-8.4	2	-24.3	-15.9	0%
42	2455.55	10	16.4	-8.4	2	-24.3	-15.9	0%
43	2455.60	10	16.4	-8.4	2	-24.3	-15.9	0%
44	2455.65	10	16.4	-8.4	2	-24.3	-15.9	0%
45	2455.70	10	16.4	-8.4	2	-24.3	-15.9	0%
46	2455.75	10	16.4	-8.4	2	-24.3	-15.9	0%
47	2455.80	10	16.4	-8.4	2	-24.3	-15.9	0%
48	2455.85	10	16.4	-8.4	2	-24.3	-15.9	0%
49	2455.90	10	16.4	-8.4	2	-24.3	-15.9	0%
50	2455.95	10	16.4	-8.4	2	-24.3	-15.9	0%
51	2456.00	10	16.4	-8.4	2	-24.3	-15.9	0%
52	2456.05	10	16.4	-8.4	2	-24.3	-15.9	0%
53	2456.10	10	16.4	-8.4	2	-24.3	-15.9	0%
54	2456.15	10	16.4	-8.4	2	-24.3	-15.9	0%
55	2456.20	10	16.4	-8.4	2	-24.3	-15.9	0%
56	2456.25	10	16.4	-8.4	2	-24.3	-15.9	0%
57	2456.30	10	16.4	-8.4	2	-24.3	-15.9	0%
58	2456.35	10	16.4	-8.4	2	-24.3	-15.9	0%
59	2456.40	10	16.4	-8.4	2	-24.3	-15.9	0%
60	2456.45	10	16.4	-8.4	2	-24.3	-15.9	0%
61	2456.50	10	16.4	-8.4	2	-24.3	-15.9	0%
62	2456.55	10	16.4	-8.4	2	-24.3	-15.9	0%
63	2456.60	10	16.4	-8.4	2	-24.3	-15.9	0%
64	2456.65	10	16.4	-8.4	2	-24.3	-15.9	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	Mj = I/S (dB)	Lsys (dB)	Interferer (dBm)	S (dBm)	PER
65	2456.70	10	16.4	-8.4	2	-24.3	-15.9	0%
66	2456.75	10	16.4	-8.4	2	-24.3	-15.9	0%
67	2456.80	10	16.4	-8.4	2	-24.3	-15.9	0%
68	2456.85	10	16.4	-8.4	2	-24.3	-15.9	0%
69	2456.90	10	16.4	-8.4	2	-24.3	-15.9	0%
70	2456.95	10	16.4	-8.4	2	-24.3	-15.9	0%
71	2457.00	10	16.4	-8.4	2	-24.3	-15.9	0%
72	2457.05	10	16.4	-8.4	2	-24.3	-15.9	0%
73	2457.10	10	16.4	-8.4	2	-24.3	-15.9	0%
74	2457.15	10	16.4	-8.4	2	-24.3	-15.9	0%
75	2457.20	10	16.4	-8.4	2	-24.3	-15.9	0%
76	2457.25	10	16.4	-8.4	2	-24.3	-15.9	0%
77	2457.30	10	16.4	-8.4	2	-24.3	-15.9	0%
78	2457.35	10	16.4	-8.4	2	-24.3	-15.9	0%
79	2457.40	10	16.4	-8.4	2	-24.3	-15.9	0%
80	2457.45	10	16.4	-8.4	2	-24.3	-15.9	0%
81	2457.50	10	16.4	-8.4	2	-24.3	-15.9	0%
82	2457.55	10	16.4	-8.4	2	-24.3	-15.9	0%
83	2457.60	10	16.4	-8.4	2	-24.3	-15.9	0%
84	2457.65	10	16.4	-8.4	2	-24.3	-15.9	0%
85	2457.70	10	16.4	-8.4	2	-24.3	-15.9	0%
86	2457.75	10	16.4	-8.4	2	-24.3	-15.9	0%
87	2457.80	10	16.4	-8.4	2	-24.3	-15.9	0%
88	2457.85	10	16.4	-8.4	2	-24.3	-15.9	0%
89	2457.90	10	16.4	-8.4	2	-24.3	-15.9	0%
90	2457.95	10	16.4	-8.4	2	-24.3	-15.9	0%
91	2458.00	10	16.4	-8.4	2	-24.3	-15.9	0%
92	2458.05	10	16.4	-8.4	2	-24.3	-15.9	0%
93	2458.10	10	16.4	-8.4	2	-24.3	-15.9	0%
94	2458.15	10	16.4	-8.4	2	-24.3	-15.9	0%
95	2458.20	10	16.4	-8.4	2	-24.3	-15.9	0%
96	2458.25	10	16.4	-8.4	2	-24.3	-15.9	0%
97	2458.30	10	16.4	-8.4	2	-24.3	-15.9	0%
98	2458.35	10	16.4	-8.4	2	-24.3	-15.9	0%
99	2458.40	10	16.4	-8.4	2	-24.3	-15.9	0%
100	2458.45	10	16.4	-8.4	2	-24.3	-15.9	0%
101	2458.50	10	16.4	-8.4	2	-24.3	-15.9	0%
102	2458.55	10	16.4	-8.4	2	-24.3	-15.9	0%
103	2458.60	10	16.4	-8.4	2	-24.3	-15.9	0%
104	2458.65	10	16.4	-8.4	2	-24.3	-15.9	0%
105	2458.70	10	16.4	-8.4	2	-24.3	-15.9	0%
106	2458.75	10	16.4	-8.4	2	-24.3	-15.9	0%
107	2458.80	10	16.4	-8.4	2	-24.3	-15.9	0%
108	2458.85	10	16.4	-8.4	2	-24.3	-15.9	0%
109	2458.90	10	16.4	-8.4	2	-24.3	-15.9	0%
110	2458.95	10	16.4	-8.4	2	-24.3	-15.9	0%
111	2459.00	10	16.4	-8.4	2	-24.3	-15.9	0%
112	2459.05	10	16.4	-8.4	2	-24.3	-15.9	0%
113	2459.10	10	16.4	-8.4	2	-24.3	-15.9	0%
114	2459.15	10	16.4	-8.4	2	-24.3	-15.9	0%
115	2459.20	10	16.4	-8.4	2	-24.3	-15.9	0%
116	2459.25	10	16.4	-8.4	2	-24.3	-15.9	0%
117	2459.30	10	16.4	-8.4	2	-24.3	-15.9	0%
118	2459.35	10	16.4	-8.4	2	-24.3	-15.9	0%
119	2459.40	10	16.4	-8.4	2	-24.3	-15.9	0%
120	2459.45	10	16.4	-8.4	2	-24.3	-15.9	0%
121	2459.50	10	16.4	-8.4	2	-24.3	-15.9	0%
122	2459.55	10	16.4	-8.4	2	-24.3	-15.9	0%
123	2459.60	10	16.4	-8.4	2	-24.3	-15.9	0%
124	2459.65	10	16.4	-8.4	2	-24.3	-15.9	0%
125	2459.70	10	16.4	-8.4	2	-24.3	-15.9	0%
126	2459.75	10	16.4	-8.4	2	-24.3	-15.9	0%
127	2459.80	10	16.4	-8.4	2	-24.3	-15.9	0%
128	2459.85	10	16.4	-8.4	2	-24.3	-15.9	0%

	Frequency (MHz)	Gp (dB)	(S/N) ₀ (dB)	MJ = J/S (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
129	2459.90	10	16.4	-8.4	2	-24.3	-15.9	0%
130	2459.95	10	16.4	-8.4	2	-24.3	-15.9	0%
131	2460.00	10	16.4	-8.4	2	-24.3	-15.9	0%
132	2460.05	10	16.4	-8.4	2	-24.3	-15.9	0%
133	2460.10	10	16.4	-8.4	2	-24.3	-15.9	0%
134	2460.15	10	16.4	-8.4	2	-24.3	-15.9	0%
135	2460.20	10	16.4	-8.4	2	-24.3	-15.9	0%
136	2460.25	10	16.4	-8.4	2	-24.3	-15.9	0%
137	2460.30	10	16.4	-8.4	2	-24.3	-15.9	0%
138	2460.35	10	16.4	-8.4	2	-24.3	-15.9	0%
139	2460.40	10	16.4	-8.4	2	-24.3	-15.9	0%
140	2460.45	10	16.4	-8.4	2	-24.3	-15.9	0%
141	2460.50	10	16.4	-8.4	2	-24.3	-15.9	0%
142	2460.55	10	16.4	-8.4	2	-24.3	-15.9	0%
143	2460.60	10	16.4	-8.4	2	-24.3	-15.9	0%
144	2460.65	10	16.4	-8.4	2	-24.3	-15.9	0%
145	2460.70	10	16.4	-8.4	2	-24.3	-15.9	0%
146	2460.75	10	16.4	-8.4	2	-24.3	-15.9	0%
147	2460.80	10	16.4	-8.4	2	-24.3	-15.9	0%
148	2460.85	10	16.4	-8.4	2	-24.3	-15.9	0%
149	2460.90	10	16.4	-8.4	2	-24.3	-15.9	0%
150	2460.95	10	16.4	-8.4	2	-24.3	-15.9	0%
151	2461.00	10	16.4	-8.4	2	-24.3	-15.9	0%
152	2461.05	10	16.4	-8.4	2	-24.3	-15.9	5%
153	2461.10	10	16.4	-8.4	2	-24.3	-15.9	0%
154	2461.15	10	16.4	-8.4	2	-24.3	-15.9	0%
155	2461.20	10	16.4	-8.4	2	-24.3	-15.9	0%
156	2461.25	10	16.4	-8.4	2	-24.3	-15.9	0%
157	2461.30	10	16.4	-8.4	2	-24.3	-15.9	0%
158	2461.35	10	16.4	-8.4	2	-24.3	-15.9	0%
159	2461.40	10	16.4	-8.4	2	-24.3	-15.9	0%
160	2461.45	10	16.4	-8.4	2	-24.3	-15.9	0%
161	2461.50	10	16.4	-8.4	2	-24.3	-15.9	0%
162	2461.55	10	16.4	-8.4	2	-24.3	-15.9	9%
163	2461.60	10	16.4	-8.4	2	-24.3	-15.9	0%
164	2461.65	10	16.4	-8.4	2	-24.3	-15.9	0%
165	2461.70	10	16.4	-8.4	2	-24.3	-15.9	0%
166	2461.75	10	16.4	-8.4	2	-24.3	-15.9	0%
167	2461.80	10	16.4	-8.4	2	-24.3	-15.9	0%
168	2461.85	10	16.4	-8.4	2	-24.3	-15.9	0%
169	2461.90	10	16.4	-8.4	2	-24.3	-15.9	0%
170	2461.95	10	16.4	-8.4	2	-24.3	-15.9	0%
171	2462.00	10	16.4	-8.4	2	-24.3	-15.9	19%
172	2462.05	10	16.4	-8.4	2	-24.3	-15.9	0%
173	2462.10	10	16.4	-8.4	2	-24.3	-15.9	0%
174	2462.15	10	16.4	-8.4	2	-24.3	-15.9	0%
175	2462.20	10	16.4	-8.4	2	-24.3	-15.9	0%
176	2462.25	10	16.4	-8.4	2	-24.3	-15.9	0%
177	2462.30	10	16.4	-8.4	2	-24.3	-15.9	0%
178	2462.35	10	16.4	-8.4	2	-24.3	-15.9	0%
179	2462.40	10	16.4	-8.4	2	-24.3	-15.9	0%
180	2462.45	10	16.4	-8.4	2	-24.3	-15.9	0%
181	2462.50	10	16.4	-8.4	2	-24.3	-15.9	9%
182	2462.55	10	16.4	-8.4	2	-24.3	-15.9	0%
183	2462.60	10	16.4	-8.4	2	-24.3	-15.9	0%
184	2462.65	10	16.4	-8.4	2	-24.3	-15.9	0%
185	2462.70	10	16.4	-8.4	2	-24.3	-15.9	0%
186	2462.75	10	16.4	-8.4	2	-24.3	-15.9	3%
187	2462.80	10	16.4	-8.4	2	-24.3	-15.9	0%
188	2462.85	10	16.4	-8.4	2	-24.3	-15.9	0%
189	2462.90	10	16.4	-8.4	2	-24.3	-15.9	0%
190	2462.95	10	16.4	-8.4	2	-24.3	-15.9	0%
191	2463.00	10	16.4	-8.4	2	-24.3	-15.9	1%
192	2463.05	10	16.4	-8.4	2	-24.3	-15.9	0%

	Frequency (MHz)	Gp (dB)	(S/N) (dB)	Mf =1/3 (dB)	Lsys (dB)	Jammer (dBm)	S (dBm)	PER
193	2463.10	10	16.4	-8.4	2	-24.3	-15.9	0%
194	2463.15	10	16.4	-8.4	2	-24.3	-15.9	0%
195	2463.20	10	16.4	-8.4	2	-24.3	-15.9	0%
196	2463.25	10	16.4	-8.4	2	-24.3	-15.9	0%
197	2463.30	10	16.4	-8.4	2	-24.3	-15.9	0%
198	2463.35	10	16.4	-8.4	2	-24.3	-15.9	0%
199	2463.40	10	16.4	-8.4	2	-24.3	-15.9	0%
200	2463.45	10	16.4	-8.4	2	-24.3	-15.9	0%
201	2463.50	10	16.4	-8.4	2	-24.3	-15.9	0%
202	2463.55	10	16.4	-8.4	2	-24.3	-15.9	0%
203	2463.60	10	16.4	-8.4	2	-24.3	-15.9	0%
204	2463.65	10	16.4	-8.4	2	-24.3	-15.9	0%
205	2463.70	10	16.4	-8.4	2	-24.3	-15.9	0%
206	2463.75	10	16.4	-8.4	2	-24.3	-15.9	0%
207	2463.80	10	16.4	-8.4	2	-24.3	-15.9	0%
208	2463.85	10	16.4	-8.4	2	-24.3	-15.9	0%
209	2463.90	10	16.4	-8.4	2	-24.3	-15.9	0%
210	2463.95	10	16.4	-8.4	2	-24.3	-15.9	0%
211	2464.00	10	16.4	-8.4	2	-24.3	-15.9	0%
212	2464.05	10	16.4	-8.4	2	-24.3	-15.9	0%
213	2464.10	10	16.4	-8.4	2	-24.3	-15.9	0%
214	2464.15	10	16.4	-8.4	2	-24.3	-15.9	0%
215	2464.20	10	16.4	-8.4	2	-24.3	-15.9	0%
216	2464.25	10	16.4	-8.4	2	-24.3	-15.9	0%
217	2464.30	10	16.4	-8.4	2	-24.3	-15.9	0%
218	2464.35	10	16.4	-8.4	2	-24.3	-15.9	0%
219	2464.40	10	16.4	-8.4	2	-24.3	-15.9	0%
220	2464.45	10	16.4	-8.4	2	-24.3	-15.9	0%
221	2464.50	10	16.4	-8.4	2	-24.3	-15.9	0%
222	2464.55	10	16.4	-8.4	2	-24.3	-15.9	0%
223	2464.60	10	16.4	-8.4	2	-24.3	-15.9	0%
224	2464.65	10	16.4	-8.4	2	-24.3	-15.9	0%
225	2464.70	10	16.4	-8.4	2	-24.3	-15.9	0%
226	2464.75	10	16.4	-8.4	2	-24.3	-15.9	0%
227	2464.80	10	16.4	-8.4	2	-24.3	-15.9	0%
228	2464.85	10	16.4	-8.4	2	-24.3	-15.9	0%
229	2464.90	10	16.4	-8.4	2	-24.3	-15.9	0%
230	2464.95	10	16.4	-8.4	2	-24.3	-15.9	0%
231	2465.00	10	16.4	-8.4	2	-24.3	-15.9	0%
232	2465.05	10	16.4	-8.4	2	-24.3	-15.9	0%
233	2465.10	10	16.4	-8.4	2	-24.3	-15.9	0%
234	2465.15	10	16.4	-8.4	2	-24.3	-15.9	0%
235	2465.20	10	16.4	-8.4	2	-24.3	-15.9	0%
236	2465.25	10	16.4	-8.4	2	-24.3	-15.9	0%
237	2465.30	10	16.4	-8.4	2	-24.3	-15.9	0%
238	2465.35	10	16.4	-8.4	2	-24.3	-15.9	0%
239	2465.40	10	16.4	-8.4	2	-24.3	-15.9	0%
240	2465.45	10	16.4	-8.4	2	-24.3	-15.9	0%
241	2465.50	10	16.4	-8.4	2	-24.3	-15.9	0%
242	2465.55	10	16.4	-8.4	2	-24.3	-15.9	0%
243	2465.60	10	16.4	-8.4	2	-24.3	-15.9	0%
244	2465.65	10	16.4	-8.4	2	-24.3	-15.9	0%
245	2465.70	10	16.4	-8.4	2	-24.3	-15.9	0%
246	2465.75	10	16.4	-8.4	2	-24.3	-15.9	0%
247	2465.80	10	16.4	-8.4	2	-24.3	-15.9	0%
248	2465.85	10	16.4	-8.4	2	-24.3	-15.9	0%
249	2465.90	10	16.4	-8.4	2	-24.3	-15.9	0%
250	2465.95	10	16.4	-8.4	2	-24.3	-15.9	0%
251	2466.00	10	16.4	-8.4	2	-24.3	-15.9	0%
252	2466.05	10	16.4	-8.4	2	-24.3	-15.9	0%
253	2466.10	10	16.4	-8.4	2	-24.3	-15.9	0%
254	2466.15	10	16.4	-8.4	2	-24.3	-15.9	0%
255	2466.20	10	16.4	-8.4	2	-24.3	-15.9	0%
256	2466.25	10	16.4	-8.4	2	-24.3	-15.9	0%

	Frequency (MHz)	Gp (dB)	(S/N) _n (dB)	MJ = 1/S (dB)	Lsys (dB)	Janner (dBm)	S (dBm)	PER
257	2466.30	10	16.4	-8.4	2	-24.3	-15.9	0%
258	2466.35	10	16.4	-8.4	2	-24.3	-15.9	0%
259	2466.40	10	16.4	-8.4	2	-24.3	-15.9	0%
260	2466.45	10	16.4	-8.4	2	-24.3	-15.9	0%
261	2466.50	10	16.4	-8.4	2	-24.3	-15.9	0%
262	2466.55	10	16.4	-8.4	2	-24.3	-15.9	0%
263	2466.60	10	16.4	-8.4	2	-24.3	-15.9	0%
264	2466.65	10	16.4	-8.4	2	-24.3	-15.9	0%
265	2466.70	10	16.4	-8.4	2	-24.3	-15.9	0%
266	2466.75	10	16.4	-8.4	2	-24.3	-15.9	0%
267	2466.80	10	16.4	-8.4	2	-24.3	-15.9	0%
268	2466.85	10	16.4	-8.4	2	-24.3	-15.9	0%
269	2466.90	10	16.4	-8.4	2	-24.3	-15.9	0%
270	2466.95	10	16.4	-8.4	2	-24.3	-15.9	0%
271	2467.00	10	16.4	-8.4	2	-24.3	-15.9	0%
272	2467.05	10	16.4	-8.4	2	-24.3	-15.9	0%
273	2467.10	10	16.4	-8.4	2	-24.3	-15.9	0%
274	2467.15	10	16.4	-8.4	2	-24.3	-15.9	0%
275	2467.20	10	16.4	-8.4	2	-24.3	-15.9	0%
276	2467.25	10	16.4	-8.4	2	-24.3	-15.9	0%
277	2467.30	10	16.4	-8.4	2	-24.3	-15.9	0%
278	2467.35	10	16.4	-8.4	2	-24.3	-15.9	0%
279	2467.40	10	16.4	-8.4	2	-24.3	-15.9	0%
280	2467.45	10	16.4	-8.4	2	-24.3	-15.9	0%
281	2467.50	10	16.4	-8.4	2	-24.3	-15.9	0%
282	2467.55	10	16.4	-8.4	2	-24.3	-15.9	0%
283	2467.60	10	16.4	-8.4	2	-24.3	-15.9	0%
284	2467.65	10	16.4	-8.4	2	-24.3	-15.9	0%
285	2467.70	10	16.4	-8.4	2	-24.3	-15.9	0%
286	2467.75	10	16.4	-8.4	2	-24.3	-15.9	0%
287	2467.80	10	16.4	-8.4	2	-24.3	-15.9	0%
288	2467.85	10	16.4	-8.4	2	-24.3	-15.9	0%
289	2467.90	10	16.4	-8.4	2	-24.3	-15.9	0%
290	2467.95	10	16.4	-8.4	2	-24.3	-15.9	0%
291	2468.00	10	16.4	-8.4	2	-24.3	-15.9	0%
292	2468.05	10	16.4	-8.4	2	-24.3	-15.9	0%
293	2468.10	10	16.4	-8.4	2	-24.3	-15.9	0%
294	2468.15	10	16.4	-8.4	2	-24.3	-15.9	0%
295	2468.20	10	16.4	-8.4	2	-24.3	-15.9	0%
296	2468.25	10	16.4	-8.4	2	-24.3	-15.9	0%
297	2468.30	10	16.4	-8.4	2	-24.3	-15.9	0%
298	2468.35	10	16.4	-8.4	2	-24.3	-15.9	0%
299	2468.40	10	16.4	-8.4	2	-24.3	-15.9	0%
300	2468.45	10	16.4	-8.4	2	-24.3	-15.9	0%
301	2468.50	10	16.4	-8.4	2	-24.3	-15.9	0%
302	2468.55	10	16.4	-8.4	2	-24.3	-15.9	0%
303	2468.60	10	16.4	-8.4	2	-24.3	-15.9	0%
304	2468.65	10	16.4	-8.4	2	-24.3	-15.9	0%
305	2468.70	10	16.4	-8.4	2	-24.3	-15.9	0%
306	2468.75	10	16.4	-8.4	2	-24.3	-15.9	0%
307	2468.80	10	16.4	-8.4	2	-24.3	-15.9	0%
308	2468.85	10	16.4	-8.4	2	-24.3	-15.9	0%
309	2468.90	10	16.4	-8.4	2	-24.3	-15.9	0%
310	2468.95	10	16.4	-8.4	2	-24.3	-15.9	0%
311	2469.00	10	16.4	-8.4	2	-24.3	-15.9	0%
312	2469.05	10	16.4	-8.4	2	-24.3	-15.9	0%
313	2469.10	10	16.4	-8.4	2	-24.3	-15.9	0%
314	2469.15	10	16.4	-8.4	2	-24.3	-15.9	0%
315	2469.20	10	16.4	-8.4	2	-24.3	-15.9	0%
316	2469.25	10	16.4	-8.4	2	-24.3	-15.9	0%
317	2469.30	10	16.4	-8.4	2	-24.3	-15.9	0%
318	2469.35	10	16.4	-8.4	2	-24.3	-15.9	0%
319	2469.40	10	16.4	-8.4	2	-24.3	-15.9	0%
320	2469.45	10	16.4	-8.4	2	-24.3	-15.9	0%

