



### 11Mbps CHANNEL 1 Processing Gain

$$G_p = (S/N)_o + M_j + L_{sys}$$

Freq. (MHz)	Gp (dB)	(S/N) <sub>o</sub> (dB)	M <sub>j</sub> =J/S (dB)	L <sub>sys</sub> (dB)	Jammer (dBm)	PER
2403.5	20.29	16.4	1.89	2	-48.11	6.34
2403.7	20.85	16.4	2.45	2	-47.55	3.83
2403.9	21.05	16.4	2.65	2	-47.35	4.01
2404.1	20.98	16.4	2.58	2	-47.42	4.82
2404.3	20.39	16.4	1.99	2	-48.01	4.72
2404.5	19.59	16.4	1.19	2	-48.81	4.41
2404.7	19.38	16.4	0.98	2	-49.02	7.54
2404.9	19.30	16.4	0.90	2	-49.1	4.12
2405.1	19.29	16.4	0.89	2	-49.11	4.23
2405.3	19.58	16.4	1.18	2	-48.82	4.54
2405.5	19.20	16.4	0.80	2	-49.2	2.21
2405.7	18.38	16.4	-0.02	2	-50.02	3.02
2405.9	18.29	16.4	-0.11	2	-50.11	5.05
2406.1	18.51	16.4	0.11	2	-49.89	3.79
2406.3	18.03	16.4	-0.37	2	-50.37	4.22
2406.5	17.77	16.4	-0.63	2	-50.63	7.5
2406.7	16.77	16.4	-1.63	2	-51.63	7.8
2406.9	17.29	16.4	-1.11	2	-51.11	7.72
2407.1	17.29	16.4	-1.11	2	-51.11	7.51
2407.3	17.11	16.4	-1.29	2	-51.29	7.24
2407.5	17.32	16.4	-1.08	2	-51.08	7.38
2407.7	16.54	16.4	-1.86	2	-51.86	7.29
2407.9	16.45	16.4	-1.95	2	-51.95	7.74
2408.1	16.48	16.4	-1.92	2	-51.92	7.17
2408.3	16.44	16.4	-1.96	2	-51.96	7.91
2408.5	16.20	16.4	-2.20	2	-52.2	7.89
2408.7	15.74	16.4	-2.66	2	-52.66	7.62
2408.9	16.02	16.4	-2.38	2	-52.38	7.45
2409.1	15.73	16.4	-2.67	2	-52.67	7.62
2409.3	15.56	16.4	-2.84	2	-52.84	7.66
2409.5	15.78	16.4	-2.62	2	-52.62	7.48
2409.7	15.85	16.4	-2.55	2	-52.55	7.28
2409.9	15.47	16.4	-2.93	2	-52.93	7.87
2410.1	15.35	16.4	-3.05	2	-53.05	7.84
2410.3	15.47	16.4	-2.93	2	-52.93	7.49
2410.5	15.39	16.4	-3.01	2	-53.01	7.42
2410.7	15.37	16.4	-3.03	2	-53.03	7.89
2410.9	15.71	16.4	-2.69	2	-52.69	7.73
2411.1	15.79	16.4	-2.61	2	-52.61	6.57
2411.3	16.37	16.4	-2.03	2	-52.03	6.44
2411.5	15.72	16.4	-2.68	2	-52.68	6.65
2411.7	16.10	16.4	-2.30	2	-52.3	7.65

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2411.9	15.83	16.4	-2.57	2	-52.57	7.1
2412.1	16.20	16.4	-2.20	2	-52.2	5.71
2412.3	16.23	16.4	-2.17	2	-52.17	7.5
2412.5	16.61	16.4	-1.79	2	-51.79	6.36
2412.7	16.27	16.4	-2.13	2	-52.13	7.24
2412.9	16.42	16.4	-1.98	2	-51.98	7.46
2413.1	15.98	16.4	-2.42	2	-52.42	7.37
2413.3	16.02	16.4	-2.38	2	-52.38	7.32
2413.5	16.19	16.4	-2.21	2	-52.21	7.58
2413.7	16.51	16.4	-1.89	2	-51.89	7.11
2413.9	16.83	16.4	-1.57	2	-51.57	6.71
2414.1	16.57	16.4	-1.83	2	-51.83	7.81
2414.3	16.34	16.4	-2.06	2	-52.06	6.84
2414.5	16.61	16.4	-1.79	2	-51.79	7.56
2414.7	16.29	16.4	-2.11	2	-52.11	7.4
2414.9	17.00	16.4	-1.40	2	-51.4	7.92
2415.1	16.38	16.4	-2.02	2	-52.02	7.35
2415.3	16.38	16.4	-2.02	2	-52.02	6.65
2415.5	16.62	16.4	-1.78	2	-51.78	6.39
2415.7	16.79	16.4	-1.61	2	-51.61	6.48
2415.9	16.52	16.4	-1.88	2	-51.88	6.76
2416.1	16.67	16.4	-1.73	2	-51.73	7.13
2416.3	16.73	16.4	-1.67	2	-51.67	7.04
2416.5	16.96	16.4	-1.44	2	-51.44	6.82
2416.7	16.89	16.4	-1.51	2	-51.51	7.25
2416.9	16.96	16.4	-1.44	2	-51.44	7.2
2417.1	17.40	16.4	-1.00	2	-51	6.97
2417.3	17.40	16.4	-1.00	2	-51	7.84
2417.5	17.39	16.4	-1.01	2	-51.01	7.87
2417.7	18.04	16.4	-0.36	2	-50.36	7.7
2417.9	18.14	16.4	-0.26	2	-50.26	7.87
2418.1	18.16	16.4	-0.24	2	-50.24	6.45
2418.3	18.27	16.4	-0.13	2	-50.13	6.75
2418.5	18.61	16.4	0.21	2	-49.79	7.25
2418.7	19.34	16.4	0.94	2	-49.06	6.32
2418.9	19.46	16.4	1.06	2	-48.94	6.02
2419.1	19.37	16.4	0.97	2	-49.03	7.03
2419.3	18.74	16.4	0.34	2	-49.66	6.71
2419.5	26.93	16.4	8.53	2	-41.47	5.18
2419.7	20.21	16.4	1.81	2	-48.19	7.6
2419.9	20.26	16.4	1.86	2	-48.14	6.47
2420.1	20.09	16.4	1.69	2	-48.31	7.8

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$G_p = (S/N)_o + M_j + L_{sys}$						
Freq. (MHz)	Gp (dB)	(S/N) <sub>o</sub> (dB)	M <sub>j</sub> =J/S (dB)	L <sub>sys</sub> (dB)	Jammer (dBm)	PER
2420.3	20.14	16.4	1.74	2	-48.26	7.86
2420.5	20.63	16.4	2.23	2	-47.77	7.36
<b>Test Conditions</b>						
AWL-1100P						
Transmitter Signal Level at Rx= -50 dBm						
"Mode=11b, Pseudo IBSS"						
Packet Size= 1000byte						
Packet Delay=1, Packet Burst=6						