

Test Data for J/S Measurement @ BER=1.0E-3

Delta Freq. (MHz)	J/S (dB)	Signal (dBm)	Jo (dBm)	J (dBm)
2440.99	8.58	-18.20	1.1	-9.62
2441.04	5.38	-18.20	-2.1	-12.82
2441.09	3.38	-18.20	-4.1	-14.82
2441.14	1.78	-18.20	-5.7	-16.42
2441.19	0.58	-18.20	-6.9	-17.62
2441.24	-0.22	-18.20	-7.7	-18.42
2441.29	-0.62	-18.20	-8.1	-18.82
2441.34	-1.42	-18.20	-8.9	-19.62
2441.39	-1.92	-18.20	-9.4	-20.12
2441.44	-2.32	-18.20	-9.8	-20.52
2441.49	-2.82	-18.20	-10.3	-21.02
2441.54	-2.92	-18.20	-10.4	-21.12
2441.59	-3.42	-18.20	-10.9	-21.62
2441.64	-3.62	-18.20	-11.1	-21.82
2441.69	-3.62	-18.20	-11.1	-21.82
2441.74	-3.62	-18.20	-11.1	-21.82
2441.79	-2.32	-18.20	-9.8	-20.52
2441.84	-0.92	-18.20	-8.4	-19.12
2441.89	-0.72	-18.20	-8.2	-18.92
2441.94	-0.82	-18.20	-8.3	-19.02
2441.99	-1.12	-18.20	-8.6	-19.32
2442.04	-1.52	-18.20	-9.0	-19.72
2442.09	-1.72	-18.20	-9.2	-19.92
2442.14	-1.72	-18.20	-9.2	-19.92

2442.19	-1.72	-18.20	-9.2	-19.92
2442.24	-1.42	-18.20	-8.9	-19.62
2442.29	-1.22	-18.20	-8.7	-19.42
2442.34	-1.22	-18.20	-8.7	-19.42
2442.39	-1.22	-18.20	-8.7	-19.42
2442.44	-1.62	-18.20	-9.1	-19.82
2442.49	-2.12	-18.20	-9.6	-20.32
2442.54	-2.92	-18.20	-10.4	-21.12
2442.59	-3.42	-18.20	-10.9	-21.62
2442.64	-3.62	-18.20	-11.1	-21.82
2442.69	-3.72	-18.20	-11.2	-21.92
2442.74	-3.82	-18.20	-11.3	-22.02
2442.79	-3.82	-18.20	-11.3	-22.02
2442.84	-3.82	-18.20	-11.3	-22.02
2442.89	-3.72	-18.20	-11.2	-21.92
2442.94	-3.32	-18.20	-10.8	-21.52
2442.99	-2.92	-18.20	-10.4	-21.12
2443.04	-2.02	-18.20	-9.5	-20.22
2443.09	-1.32	-18.20	-8.8	-19.52
2443.14	-0.72	-18.20	-8.2	-18.92
2443.19	0.38	-18.20	-7.1	-17.82
2443.24	1.58	-18.20	-5.9	-16.62
2443.29	3.18	-18.20	-4.3	-15.02
2443.34	5.28	-18.20	-2.2	-12.92
2443.39	7.98	-18.20	0.5	-10.22

$$G_p = (S/N)_o + M_j + L_{sys} = 15.24 + (-3.82) + 1 = 12.42$$