

Attestation Statements (Processing Gain)

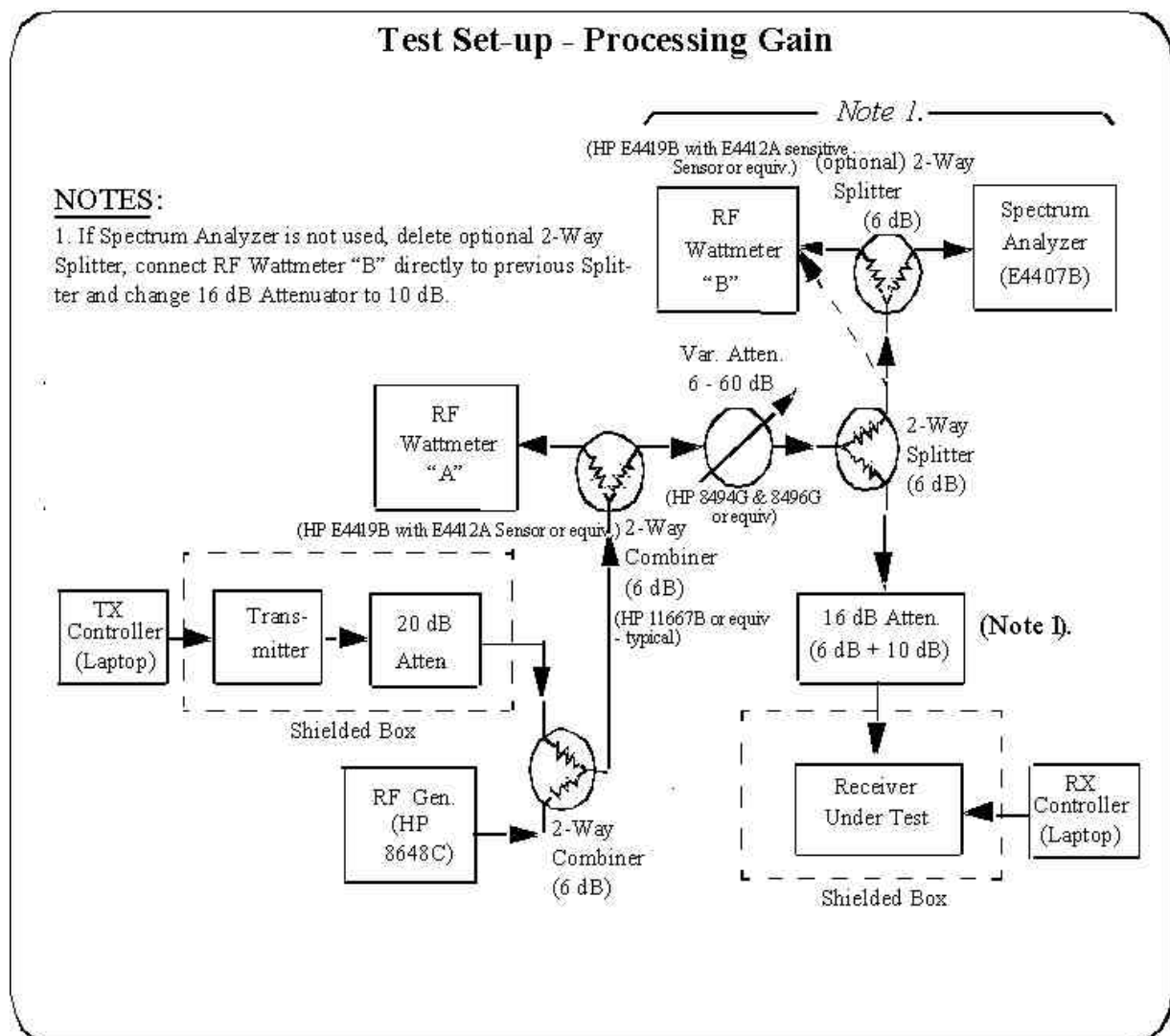
IBM ThinkPad 802.11b Wireless LAN Mini-PCI Adapter

by Actiontec Electronics, Inc.

Chip/symbol rate, symbol/bit rate, Chip/bit, and the measurement results

Bit rate	Chip/symbol rate	Bit/symbol rate	Chip/bit rate	Gp (dB)	Spec (dB)
1 Mbit/sec	11	1, DBPSK	11	13.2	10
2 Mbit/sec	11	2, DQPSK	5.5	12.6	10
5.5 Mbit/sec	8	4, CCK	2	13.4	10
11 Mbit/sec	8	8, CCK	1	12.9	10

Note: Gp is Processing Gain;



DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.55	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.60	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.65	23.8	16.4	5.4	2.0	-57.3	<=8.0
2428.70	23.8	16.4	5.4	2.0	-57.3	<=8.0
2428.75	24.0	16.4	5.6	2.0	-57.1	<=8.0
2428.80	24.1	16.4	5.7	2.0	-57.0	<=8.0
2428.85	24.1	16.4	5.7	2.0	-57.0	<=8.0
2428.90	24.2	16.4	5.8	2.0	-56.9	<=8.0
2428.95	24.1	16.4	5.7	2.0	-57.0	<=8.0
2429.00	24.4	16.4	6.0	2.0	-56.7	<=8.0
2429.05	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.10	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.15	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.20	24.4	16.4	6.0	2.0	-56.7	<=8.0
2429.25	23.7	16.4	5.3	2.0	-57.4	<=8.0
2429.30	23.3	16.4	4.9	2.0	-57.8	<=8.0
2429.35	23.2	16.4	4.8	2.0	-57.9	<=8.0
2429.40	22.2	16.4	3.8	2.0	-58.9	<=8.0
2429.45	21.3	16.4	2.9	2.0	-59.8	<=8.0
2429.50	21.2	16.4	2.8	2.0	-59.9	<=8.0
2429.55	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.60	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.65	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.70	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.75	20.8	16.4	2.4	2.0	-60.3	<=8.0
2429.80	20.7	16.4	2.3	2.0	-60.4	<=8.0
2429.85	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.90	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.95	21.1	16.4	2.7	2.0	-60.0	<=8.0
2430.00	20.9	16.4	2.5	2.0	-60.2	<=8.0
2430.05	20.9	16.4	2.5	2.0	-60.2	<=8.0
2430.10	20.5	16.4	2.1	2.0	-60.6	<=8.0
2430.15	19.5	16.4	1.1	2.0	-61.6	<=8.0
2430.20	19.5	16.4	1.1	2.0	-61.6	<=8.0
2430.25	19.0	16.4	0.6	2.0	-62.1	<=8.0
2430.30	19.0	16.4	0.6	2.0	-62.1	<=8.0
2430.35	18.7	16.4	0.3	2.0	-62.4	<=8.0
2430.40	18.7	16.4	0.3	2.0	-62.4	<=8.0
2430.45	18.5	16.4	0.1	2.0	-62.6	<=8.0
2430.50	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.55	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.60	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.65	18.1	16.4	-0.3	2.0	-63.0	<=8.0
2430.70	17.9	16.4	-0.5	2.0	-63.2	<=8.0
2430.75	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2430.80	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2430.85	17.1	16.4	-1.3	2.0	-64.0	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2430.90	17.1	16.4	-1.3	2.0	-64.0	<=8.0
2430.95	16.9	16.4	-1.5	2.0	-64.2	<=8.0
2431.00	16.8	16.4	-1.6	2.0	-64.3	<=8.0
2431.05	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2431.10	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2431.15	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.20	16.5	16.4	-1.9	2.0	-64.6	<=8.0
2431.25	16.4	16.4	-2.0	2.0	-64.7	<=8.0
2431.30	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.35	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.40	15.8	16.4	-2.6	2.0	-65.3	<=8.0
2431.45	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2431.50	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2431.55	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2431.60	15.4	16.4	-3.0	2.0	-65.7	<=8.0
2431.65	15.2	16.4	-3.2	2.0	-65.9	<=8.0
2431.70	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2431.75	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.80	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.85	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2431.90	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.95	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.00	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.05	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.10	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2432.15	14.8	16.4	-3.6	2.0	-66.3	<=8.0
2432.20	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2432.25	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2432.30	14.8	16.4	-3.6	2.0	-66.3	<=8.0
2432.35	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2432.40	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.45	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2432.50	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2432.55	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2432.60	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.65	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.70	14.2	16.4	-4.2	2.0	-66.9	<=8.0
2432.75	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2432.80	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2432.85	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2432.90	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2432.95	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2433.00	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.05	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.10	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.15	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.20	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.25	13.7	16.4	-4.7	2.0	-67.4	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2433.30	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2433.35	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.40	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.45	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.50	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.55	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.60	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.65	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.70	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.75	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.80	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2433.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.90	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2433.95	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.00	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.05	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.10	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2434.15	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2434.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.30	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.35	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.40	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2434.45	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2434.55	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.60	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.65	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.70	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.75	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.80	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.85	12.3	16.4	-6.1	2.0	-68.8	<=8.0
2434.90	12.1	16.4	-6.3	2.0	-69.0	<=8.0
2434.95	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.00	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.05	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.10	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.15	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.20	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.25	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.30	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.35	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.40	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.45	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.55	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.60	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.65	12.8	16.4	-5.6	2.0	-68.3	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2435.70	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.75	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.80	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.85	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.90	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2436.00	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2436.05	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.10	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.15	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.25	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2436.30	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.35	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.40	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2436.45	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.50	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.60	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2436.65	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2436.70	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.75	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.80	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2436.90	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2436.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.00	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2437.05	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2437.10	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2437.15	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.30	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.35	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.40	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.45	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.50	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2437.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.60	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.65	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.70	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2437.75	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.80	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.85	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.90	12.2	16.4	-6.2	2.0	-68.9	<=8.0
2437.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2438.00	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.05	13.1	16.4	-5.3	2.0	-68.0	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2438.10	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2438.15	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2438.20	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2438.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.30	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.35	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.40	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2438.45	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.50	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.60	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.65	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.70	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.75	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.80	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.85	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.90	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.95	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.00	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.05	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.10	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.15	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.20	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.25	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.30	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.35	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.40	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.45	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.50	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2439.55	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.60	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.65	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2439.70	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2439.75	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2439.80	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2439.85	12.3	16.4	-6.1	2.0	-68.8	<=8.0
2439.90	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2439.95	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.00	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.05	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2440.10	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.15	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.20	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2440.25	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2440.30	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2440.35	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.40	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2440.45	13.3	16.4	-5.1	2.0	-67.8	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2440.50	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2440.55	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2440.60	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.65	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.70	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2440.75	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2440.80	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2440.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2440.90	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2440.95	14.0	16.4	-4.4	2.0	-67.1	<=8.0
2441.00	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.05	13.9	16.4	-4.5	2.0	-67.2	<=8.0
2441.10	13.9	16.4	-4.5	2.0	-67.2	<=8.0
2441.15	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2441.20	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.25	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.30	14.0	16.4	-4.4	2.0	-67.1	<=8.0
2441.35	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.40	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.45	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.50	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2441.55	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.60	14.7	16.4	-3.7	2.0	-66.4	<=8.0
2441.65	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.70	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.75	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2441.80	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.85	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.90	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.95	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2442.00	14.7	16.4	-3.7	2.0	-66.4	<=8.0
2442.05	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2442.10	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2442.15	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2442.20	15.2	16.4	-3.2	2.0	-65.9	<=8.0
2442.25	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2442.30	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2442.35	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2442.40	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2442.45	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2442.50	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2442.55	16.0	16.4	-2.4	2.0	-65.1	<=8.0
2442.60	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.65	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.70	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.75	16.2	16.4	-2.2	2.0	-64.9	<=8.0
2442.80	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2442.85	16.4	16.4	-2.0	2.0	-64.7	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2442.90	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2442.95	16.9	16.4	-1.5	2.0	-64.2	<=8.0
2443.00	17.0	16.4	-1.4	2.0	-64.1	<=8.0
2443.05	17.1	16.4	-1.3	2.0	-64.0	<=8.0
2443.10	17.2	16.4	-1.2	2.0	-63.9	<=8.0
2443.15	17.2	16.4	-1.2	2.0	-63.9	<=8.0
2443.20	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2443.25	17.6	16.4	-0.8	2.0	-63.5	<=8.0
2443.30	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.35	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.40	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.45	18.0	16.4	-0.4	2.0	-63.1	<=8.0
2443.50	18.3	16.4	-0.1	2.0	-62.8	<=8.0
2443.55	18.6	16.4	0.2	2.0	-62.5	<=8.0
2443.60	18.6	16.4	0.2	2.0	-62.5	<=8.0
2443.65	18.9	16.4	0.5	2.0	-62.2	<=8.0
2443.70	19.0	16.4	0.6	2.0	-62.1	<=8.0
2443.75	19.1	16.4	0.7	2.0	-62.0	<=8.0
2443.80	19.2	16.4	0.8	2.0	-61.9	<=8.0
2443.85	19.2	16.4	0.8	2.0	-61.9	<=8.0
2443.90	19.4	16.4	1.0	2.0	-61.7	<=8.0
2443.95	19.7	16.4	1.3	2.0	-61.4	<=8.0
2444.00	19.8	16.4	1.4	2.0	-61.3	<=8.0
2444.05	20.1	16.4	1.7	2.0	-61.0	<=8.0
2444.10	20.5	16.4	2.1	2.0	-60.6	<=8.0
2444.15	20.8	16.4	2.4	2.0	-60.3	<=8.0
2444.20	21.1	16.4	2.7	2.0	-60.0	<=8.0
2444.25	21.6	16.4	3.2	2.0	-59.5	<=8.0
2444.30	21.7	16.4	3.3	2.0	-59.4	<=8.0
2444.35	21.8	16.4	3.4	2.0	-59.3	<=8.0
2444.40	21.9	16.4	3.5	2.0	-59.2	<=8.0
2444.45	21.9	16.4	3.5	2.0	-59.2	<=8.0
2444.50	22.0	16.4	3.6	2.0	-59.1	<=8.0
2444.55	23.3	16.4	4.9	2.0	-57.8	<=8.0
2444.60	23.4	16.4	5.0	2.0	-57.7	<=8.0
2444.65	23.6	16.4	5.2	2.0	-57.5	<=8.0
2444.70	24.0	16.4	5.6	2.0	-57.1	<=8.0
2444.75	24.0	16.4	5.6	2.0	-57.1	<=8.0
2444.80	23.9	16.4	5.5	2.0	-57.2	<=8.0
2444.85	23.9	16.4	5.5	2.0	-57.2	<=8.0
2444.90	23.8	16.4	5.4	2.0	-57.3	<=8.0
2444.95	25.0	16.4	6.6	2.0	-56.1	<=8.0
2445.00	25.2	16.4	6.8	2.0	-55.9	<=8.0
2445.05	25.3	16.4	6.9	2.0	-55.8	<=8.0
2445.10	25.4	16.4	7.0	2.0	-55.7	<=8.0
2445.15	25.6	16.4	7.2	2.0	-55.5	<=8.0
2445.20	25.8	16.4	7.4	2.0	-55.3	<=8.0
2445.25	25.9	16.4	7.5	2.0	-55.2	<=8.0

DATA-1 11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2445.30	26.3	16.4	7.9	2.0	-54.8	<=8.0
2445.35	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.40	26.6	16.4	8.2	2.0	-54.5	<=8.0
2445.45	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.50	26.3	16.4	7.9	2.0	-54.8	<=8.0

Calculated by using MS Excel Utility :

PERCENTILE (Gp@2428.50MHz : Gp@ 2445.50MHz , 20%) ----->

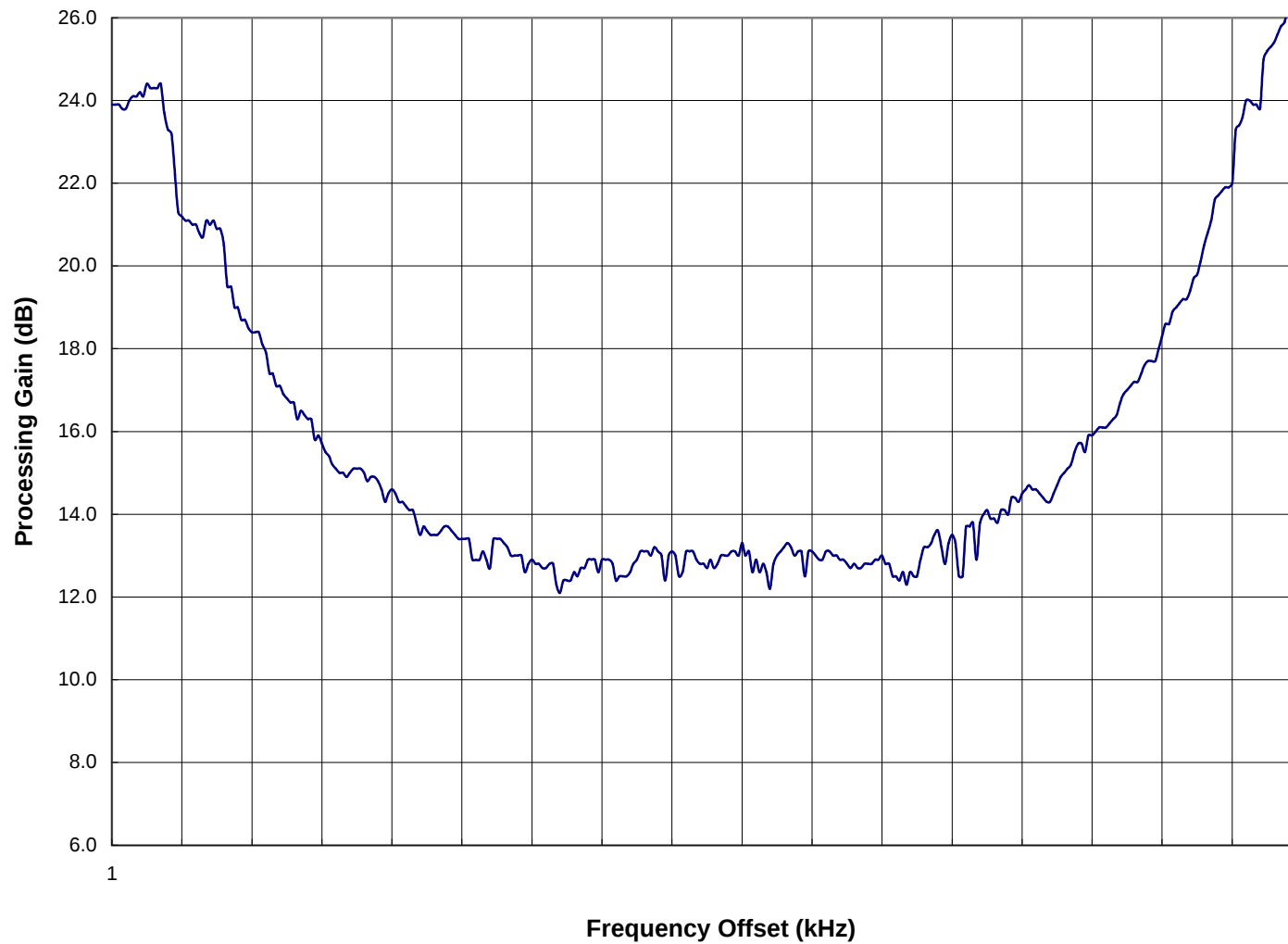
12.9

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL37400M Rev A**
 S/N **00500038**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **ID010000, PK010001, SF010000**
 Software Ver. **3.0.24**
 Mode **11 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **6**

Intersil Chips on Card: **ISL3984**
ISL3685
HFA3783
ISL3183
ISL3874

Processing Gain Channel 6 (fc=2437MHz) @ 11Mbps



DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	22.1	13.4	6.7	2.0	-55.4	<=8.0
2428.55	21.5	13.4	6.1	2.0	-56.0	<=8.0
2428.60	20.9	13.4	5.5	2.0	-56.6	<=8.0
2428.65	20.8	13.4	5.4	2.0	-56.7	<=8.0
2428.70	20.8	13.4	5.4	2.0	-56.7	<=8.0
2428.75	20.8	13.4	5.4	2.0	-56.7	<=8.0
2428.80	20.9	13.4	5.5	2.0	-56.6	<=8.0
2428.85	21.2	13.4	5.8	2.0	-56.3	<=8.0
2428.90	21.2	13.4	5.8	2.0	-56.3	<=8.0
2428.95	21.0	13.4	5.6	2.0	-56.5	<=8.0
2429.00	21.0	13.4	5.6	2.0	-56.5	<=8.0
2429.05	21.2	13.4	5.8	2.0	-56.3	<=8.0
2429.10	21.2	13.4	5.8	2.0	-56.3	<=8.0
2429.15	21.3	13.4	5.9	2.0	-56.2	<=8.0
2429.20	21.4	13.4	6.0	2.0	-56.1	<=8.0
2429.25	21.7	13.4	6.3	2.0	-55.8	<=8.0
2429.30	21.9	13.4	6.5	2.0	-55.6	<=8.0
2429.35	21.9	13.4	6.5	2.0	-55.6	<=8.0
2429.40	22.0	13.4	6.6	2.0	-55.5	<=8.0
2429.45	21.6	13.4	6.2	2.0	-55.9	<=8.0
2429.50	20.8	13.4	5.4	2.0	-56.7	<=8.0
2429.55	20.2	13.4	4.8	2.0	-57.3	<=8.0
2429.60	19.7	13.4	4.3	2.0	-57.8	<=8.0
2429.65	19.6	13.4	4.2	2.0	-57.9	<=8.0
2429.70	19.6	13.4	4.2	2.0	-57.9	<=8.0
2429.75	19.5	13.4	4.1	2.0	-58.0	<=8.0
2429.80	20.1	13.4	4.7	2.0	-57.4	<=8.0
2429.85	20.1	13.4	4.7	2.0	-57.4	<=8.0
2429.90	20.1	13.4	4.7	2.0	-57.4	<=8.0
2429.95	19.9	13.4	4.5	2.0	-57.6	<=8.0
2430.00	20.1	13.4	4.7	2.0	-57.4	<=8.0
2430.05	20.2	13.4	4.8	2.0	-57.3	<=8.0
2430.10	20.1	13.4	4.7	2.0	-57.4	<=8.0
2430.15	20.3	13.4	4.9	2.0	-57.2	<=8.0
2430.20	20.5	13.4	5.1	2.0	-57.0	<=8.0
2430.25	20.7	13.4	5.3	2.0	-56.8	<=8.0
2430.30	20.3	13.4	4.9	2.0	-57.2	<=8.0
2430.35	20.3	13.4	4.9	2.0	-57.2	<=8.0
2430.40	20.3	13.4	4.9	2.0	-57.2	<=8.0
2430.45	20.3	13.4	4.9	2.0	-57.2	<=8.0
2430.50	20.2	13.4	4.8	2.0	-57.3	<=8.0
2430.55	19.8	13.4	4.4	2.0	-57.7	<=8.0
2430.60	19.0	13.4	3.6	2.0	-58.5	<=8.0
2430.65	18.8	13.4	3.4	2.0	-58.7	<=8.0
2430.70	18.7	13.4	3.3	2.0	-58.8	<=8.0
2430.75	18.9	13.4	3.5	2.0	-58.6	<=8.0
2430.80	19.0	13.4	3.6	2.0	-58.5	<=8.0
2430.85	18.8	13.4	3.4	2.0	-58.7	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2430.90	18.6	13.4	3.2	2.0	-58.9	<=8.0
2430.95	17.2	13.4	1.8	2.0	-60.3	<=8.0
2431.00	18.2	13.4	2.8	2.0	-59.3	<=8.0
2431.05	18.3	13.4	2.9	2.0	-59.2	<=8.0
2431.10	17.5	13.4	2.1	2.0	-60.0	<=8.0
2431.15	17.4	13.4	2.0	2.0	-60.1	<=8.0
2431.20	17.3	13.4	1.9	2.0	-60.2	<=8.0
2431.25	17.9	13.4	2.5	2.0	-59.6	<=8.0
2431.30	17.8	13.4	2.4	2.0	-59.7	<=8.0
2431.35	17.8	13.4	2.4	2.0	-59.7	<=8.0
2431.40	18.0	13.4	2.6	2.0	-59.5	<=8.0
2431.45	18.0	13.4	2.6	2.0	-59.5	<=8.0
2431.50	18.2	13.4	2.8	2.0	-59.3	<=8.0
2431.55	18.3	13.4	2.9	2.0	-59.2	<=8.0
2431.60	18.3	13.4	2.9	2.0	-59.2	<=8.0
2431.65	18.2	13.4	2.8	2.0	-59.3	<=8.0
2431.70	18.0	13.4	2.6	2.0	-59.5	<=8.0
2431.75	17.7	13.4	2.3	2.0	-59.8	<=8.0
2431.80	17.3	13.4	1.9	2.0	-60.2	<=8.0
2431.85	17.0	13.4	1.6	2.0	-60.5	<=8.0
2431.90	16.9	13.4	1.5	2.0	-60.6	<=8.0
2431.95	16.6	13.4	1.2	2.0	-60.9	<=8.0
2432.00	16.5	13.4	1.1	2.0	-61.0	<=8.0
2432.05	16.5	13.4	1.1	2.0	-61.0	<=8.0
2432.10	16.1	13.4	0.7	2.0	-61.4	<=8.0
2432.15	15.4	13.4	0.0	2.0	-62.1	<=8.0
2432.20	16.4	13.4	1.0	2.0	-61.1	<=8.0
2432.25	16.6	13.4	1.2	2.0	-60.9	<=8.0
2432.30	16.5	13.4	1.1	2.0	-61.0	<=8.0
2432.35	16.3	13.4	0.9	2.0	-61.2	<=8.0
2432.40	16.6	13.4	1.2	2.0	-60.9	<=8.0
2432.45	16.8	13.4	1.4	2.0	-60.7	<=8.0
2432.50	17.0	13.4	1.6	2.0	-60.5	<=8.0
2432.55	17.0	13.4	1.6	2.0	-60.5	<=8.0
2432.60	17.0	13.4	1.6	2.0	-60.5	<=8.0
2432.65	16.8	13.4	1.4	2.0	-60.7	<=8.0
2432.70	16.4	13.4	1.0	2.0	-61.1	<=8.0
2432.75	16.2	13.4	0.8	2.0	-61.3	<=8.0
2432.80	15.8	13.4	0.4	2.0	-61.7	<=8.0
2432.85	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2432.90	14.8	13.4	-0.6	2.0	-62.7	<=8.0
2432.95	14.3	13.4	-1.1	2.0	-63.2	<=8.0
2433.00	14.6	13.4	-0.8	2.0	-62.9	<=8.0
2433.05	14.6	13.4	-0.8	2.0	-62.9	<=8.0
2433.10	13.9	13.4	-1.5	2.0	-63.6	<=8.0
2433.15	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2433.20	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2433.25	14.8	13.4	-0.6	2.0	-62.7	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2433.30	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2433.35	14.4	13.4	-1.0	2.0	-63.1	<=8.0
2433.40	14.6	13.4	-0.8	2.0	-62.9	<=8.0
2433.45	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2433.50	15.4	13.4	0.0	2.0	-62.1	<=8.0
2433.55	15.4	13.4	0.0	2.0	-62.1	<=8.0
2433.60	15.4	13.4	0.0	2.0	-62.1	<=8.0
2433.65	15.1	13.4	-0.3	2.0	-62.4	<=8.0
2433.70	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2433.75	14.7	13.4	-0.7	2.0	-62.8	<=8.0
2433.80	14.5	13.4	-0.9	2.0	-63.0	<=8.0
2433.85	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2433.90	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2433.95	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2434.00	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2434.05	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2434.10	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2434.15	12.3	13.4	-3.1	2.0	-65.2	<=8.0
2434.20	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2434.25	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2434.30	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2434.35	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2434.40	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2434.45	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2434.50	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2434.55	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2434.60	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2434.65	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2434.70	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2434.75	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2434.80	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2434.85	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2434.90	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2434.95	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2435.00	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2435.05	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2435.10	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2435.15	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2435.20	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2435.25	14.5	13.4	-0.9	2.0	-63.0	<=8.0
2435.30	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2435.35	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2435.40	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2435.45	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2435.50	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2435.55	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2435.60	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2435.65	13.2	13.4	-2.2	2.0	-64.3	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2435.70	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2435.75	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2435.80	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2435.85	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2435.90	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2435.95	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2436.00	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2436.05	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2436.10	12.6	13.4	-2.8	2.0	-64.9	<=8.0
2436.15	12.6	13.4	-2.8	2.0	-64.9	<=8.0
2436.20	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2436.25	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2436.30	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2436.35	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2436.40	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2436.45	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2436.50	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2436.55	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2436.60	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2436.65	12.8	13.4	-2.6	2.0	-64.7	<=8.0
2436.70	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2436.75	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2436.80	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2436.85	12.9	13.4	-2.5	2.0	-64.6	<=8.0
2436.90	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2436.95	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2437.00	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2437.05	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2437.10	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2437.15	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2437.20	14.1	13.4	-1.3	2.0	-63.4	<=8.0
2437.25	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2437.30	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2437.35	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2437.40	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2437.45	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2437.50	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2437.55	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2437.60	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2437.65	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2437.70	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2437.75	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2437.80	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2437.85	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2437.90	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2437.95	12.1	13.4	-3.3	2.0	-65.4	<=8.0
2438.00	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2438.05	14.2	13.4	-1.2	2.0	-63.3	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2438.10	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2438.15	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2438.20	12.3	13.4	-3.1	2.0	-65.2	<=8.0
2438.25	13.9	13.4	-1.5	2.0	-63.6	<=8.0
2438.30	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2438.35	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2438.40	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2438.45	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2438.50	13.5	13.4	-1.9	2.0	-64.0	<=8.0
2438.55	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2438.60	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2438.65	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2438.70	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2438.75	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2438.80	13.8	13.4	-1.6	2.0	-63.7	<=8.0
2438.85	14.1	13.4	-1.3	2.0	-63.4	<=8.0
2438.90	14.3	13.4	-1.1	2.0	-63.2	<=8.0
2438.95	14.2	13.4	-1.2	2.0	-63.3	<=8.0
2439.00	14.0	13.4	-1.4	2.0	-63.5	<=8.0
2439.05	14.5	13.4	-0.9	2.0	-63.0	<=8.0
2439.10	13.1	13.4	-2.3	2.0	-64.4	<=8.0
2439.15	13.0	13.4	-2.4	2.0	-64.5	<=8.0
2439.20	13.6	13.4	-1.8	2.0	-63.9	<=8.0
2439.25	14.1	13.4	-1.3	2.0	-63.4	<=8.0
2439.30	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2439.35	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2439.40	13.9	13.4	-1.5	2.0	-63.6	<=8.0
2439.45	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2439.50	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2439.55	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2439.60	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2439.65	13.4	13.4	-2.0	2.0	-64.1	<=8.0
2439.70	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2439.75	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2439.80	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2439.85	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2439.90	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2439.95	12.1	13.4	-3.3	2.0	-65.4	<=8.0
2440.00	12.6	13.4	-2.8	2.0	-64.9	<=8.0
2440.05	12.6	13.4	-2.8	2.0	-64.9	<=8.0
2440.10	13.2	13.4	-2.2	2.0	-64.3	<=8.0
2440.15	12.2	13.4	-3.2	2.0	-65.3	<=8.0
2440.20	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2440.25	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2440.30	13.3	13.4	-2.1	2.0	-64.2	<=8.0
2440.35	14.1	13.4	-1.3	2.0	-63.4	<=8.0
2440.40	14.7	13.4	-0.7	2.0	-62.8	<=8.0
2440.45	14.7	13.4	-0.7	2.0	-62.8	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2440.50	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.55	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.60	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.65	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.70	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.75	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.80	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.85	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.90	15.2	13.4	-0.2	2.0	-62.3	<=8.0
2440.95	15.1	13.4	-0.3	2.0	-62.4	<=8.0
2441.00	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.05	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.10	13.7	13.4	-1.7	2.0	-63.8	<=8.0
2441.15	14.7	13.4	-0.7	2.0	-62.8	<=8.0
2441.20	14.7	13.4	-0.7	2.0	-62.8	<=8.0
2441.25	15.1	13.4	-0.3	2.0	-62.4	<=8.0
2441.30	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2441.35	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2441.40	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.45	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.50	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.55	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.60	14.9	13.4	-0.5	2.0	-62.6	<=8.0
2441.65	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2441.70	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2441.75	15.0	13.4	-0.4	2.0	-62.5	<=8.0
2441.80	15.8	13.4	0.4	2.0	-61.7	<=8.0
2441.85	15.7	13.4	0.3	2.0	-61.8	<=8.0
2441.90	15.7	13.4	0.3	2.0	-61.8	<=8.0
2441.95	15.3	13.4	-0.1	2.0	-62.2	<=8.0
2442.00	15.3	13.4	-0.1	2.0	-62.2	<=8.0
2442.05	15.3	13.4	-0.1	2.0	-62.2	<=8.0
2442.10	15.3	13.4	-0.1	2.0	-62.2	<=8.0
2442.15	15.3	13.4	-0.1	2.0	-62.2	<=8.0
2442.20	15.7	13.4	0.3	2.0	-61.8	<=8.0
2442.25	16.4	13.4	1.0	2.0	-61.1	<=8.0
2442.30	16.5	13.4	1.1	2.0	-61.0	<=8.0
2442.35	16.5	13.4	1.1	2.0	-61.0	<=8.0
2442.40	17.3	13.4	1.9	2.0	-60.2	<=8.0
2442.45	17.2	13.4	1.8	2.0	-60.3	<=8.0
2442.50	17.2	13.4	1.8	2.0	-60.3	<=8.0
2442.55	18.3	13.4	2.9	2.0	-59.2	<=8.0
2442.60	18.5	13.4	3.1	2.0	-59.0	<=8.0
2442.65	18.5	13.4	3.1	2.0	-59.0	<=8.0
2442.70	18.6	13.4	3.2	2.0	-58.9	<=8.0
2442.75	18.6	13.4	3.2	2.0	-58.9	<=8.0
2442.80	18.5	13.4	3.1	2.0	-59.0	<=8.0
2442.85	18.3	13.4	2.9	2.0	-59.2	<=8.0

DATA-2 5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2442.90	18.3	13.4	2.9	2.0	-59.2	<=8.0
2442.95	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.00	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.05	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.10	17.9	13.4	2.5	2.0	-59.6	<=8.0
2443.15	17.7	13.4	2.3	2.0	-59.8	<=8.0
2443.20	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.25	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.30	18.0	13.4	2.6	2.0	-59.5	<=8.0
2443.35	17.9	13.4	2.5	2.0	-59.6	<=8.0
2443.40	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.45	18.1	13.4	2.7	2.0	-59.4	<=8.0
2443.50	18.1	13.4	2.7	2.0	-59.4	<=8.0
2443.55	18.1	13.4	2.7	2.0	-59.4	<=8.0
2443.60	18.1	13.4	2.7	2.0	-59.4	<=8.0
2443.65	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.70	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.75	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.80	18.1	13.4	2.7	2.0	-59.4	<=8.0
2443.85	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.90	18.2	13.4	2.8	2.0	-59.3	<=8.0
2443.95	18.4	13.4	3.0	2.0	-59.1	<=8.0
2444.00	18.5	13.4	3.1	2.0	-59.0	<=8.0
2444.05	18.5	13.4	3.1	2.0	-59.0	<=8.0
2444.10	18.7	13.4	3.3	2.0	-58.8	<=8.0
2444.15	18.8	13.4	3.4	2.0	-58.7	<=8.0
2444.20	18.9	13.4	3.5	2.0	-58.6	<=8.0
2444.25	19.1	13.4	3.7	2.0	-58.4	<=8.0
2444.30	19.4	13.4	4.0	2.0	-58.1	<=8.0
2444.35	19.6	13.4	4.2	2.0	-57.9	<=8.0
2444.40	20.3	13.4	4.9	2.0	-57.2	<=8.0
2444.45	20.6	13.4	5.2	2.0	-56.9	<=8.0
2444.50	20.6	13.4	5.2	2.0	-56.9	<=8.0
2444.55	20.5	13.4	5.1	2.0	-57.0	<=8.0
2444.60	20.5	13.4	5.1	2.0	-57.0	<=8.0
2444.65	20.6	13.4	5.2	2.0	-56.9	<=8.0
2444.70	20.9	13.4	5.5	2.0	-56.6	<=8.0
2444.75	20.8	13.4	5.4	2.0	-56.7	<=8.0
2444.80	20.8	13.4	5.4	2.0	-56.7	<=8.0
2444.85	20.8	13.4	5.4	2.0	-56.7	<=8.0
2444.90	20.9	13.4	5.5	2.0	-56.6	<=8.0
2444.95	21.1	13.4	5.7	2.0	-56.4	<=8.0
2445.00	21.1	13.4	5.7	2.0	-56.4	<=8.0
2445.05	21.1	13.4	5.7	2.0	-56.4	<=8.0
2445.10	22.2	13.4	6.8	2.0	-55.3	<=8.0
2445.15	22.3	13.4	6.9	2.0	-55.2	<=8.0
2445.20	22.2	13.4	6.8	2.0	-55.3	<=8.0
2445.25	22.2	13.4	6.8	2.0	-55.3	<=8.0

DATA-2		5.5Mbps CHANNEL 6 Processing Gain				
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2445.30	23.1	13.4	7.7	2.0	-54.4	<=8.0
2445.35	23.4	13.4	8.0	2.0	-54.1	<=8.0
2445.40	23.4	13.4	8.0	2.0	-54.1	<=8.0
2445.45	23.2	13.4	7.8	2.0	-54.3	<=8.0
2445.50	23.2	13.4	7.8	2.0	-54.3	<=8.0

Calculated by using MS Excel Utility :

PERCENTILE (Gp@2428.50MHz : Gp@ 2445.50MHz , 20%) ----->

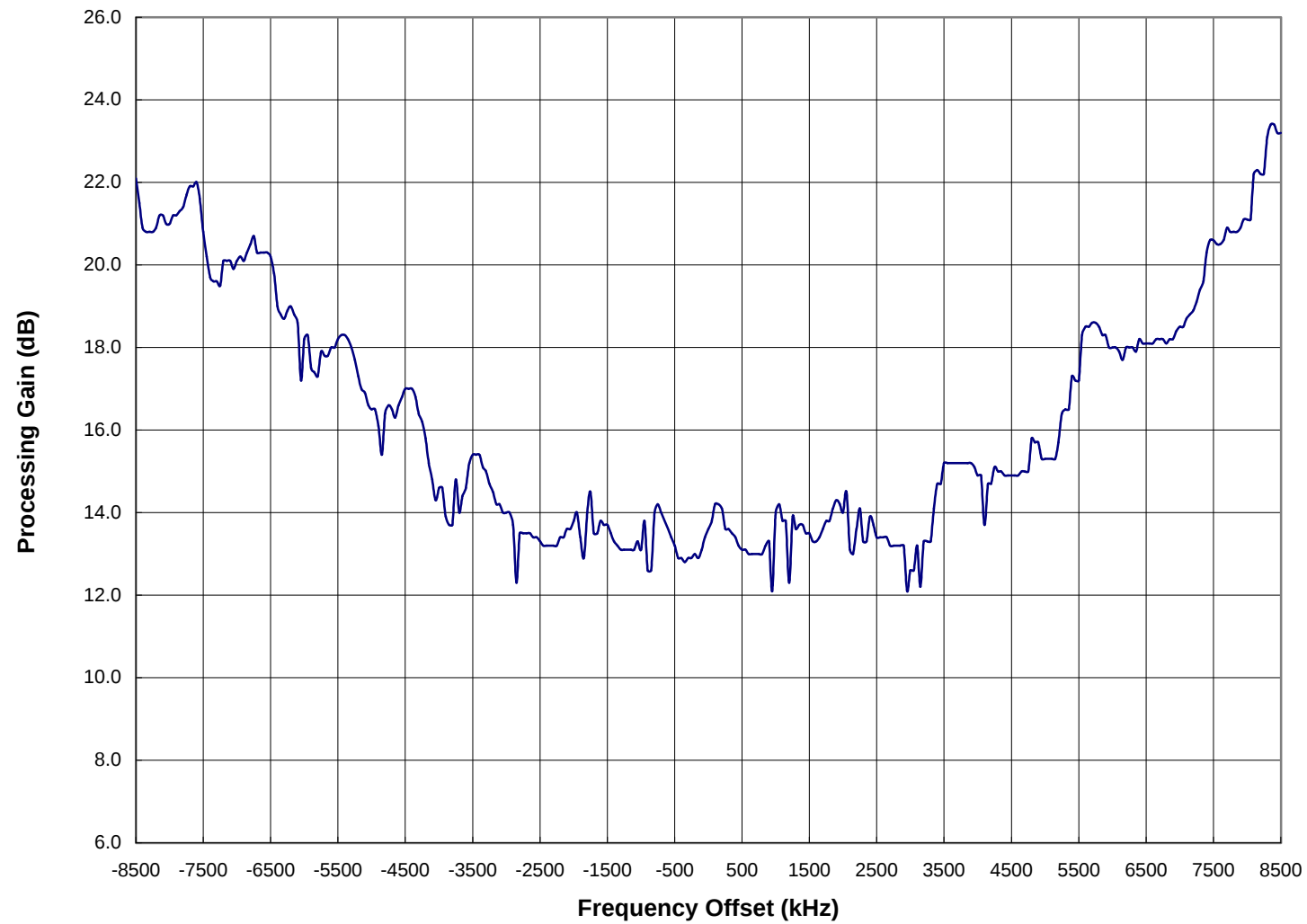
13.4

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL37400M Rev A**
 S/N **00500038**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **ID010000, PK010001, SF010000**
 Software Ver. **3.0.24**
 Mode **5.5 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **6**

Intersil Chips on Card: **ISL3984**
ISL3685
HFA3783
ISL3183
ISL3874

Processing Gain Channel 6 (fc=2437MHz) @ 5.5Mbps



DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	21.7	13.3	6.4	2.0	-55.8	<=8.0
2428.55	21.0	13.3	5.7	2.0	-56.5	<=8.0
2428.60	20.6	13.3	5.3	2.0	-56.9	<=8.0
2428.65	20.0	13.3	4.7	2.0	-57.5	<=8.0
2428.70	19.9	13.3	4.6	2.0	-57.6	<=8.0
2428.75	19.7	13.3	4.4	2.0	-57.8	<=8.0
2428.80	19.5	13.3	4.2	2.0	-58.0	<=8.0
2428.85	19.5	13.3	4.2	2.0	-58.0	<=8.0
2428.90	19.5	13.3	4.2	2.0	-58.0	<=8.0
2428.95	19.5	13.3	4.2	2.0	-58.0	<=8.0
2429.00	19.4	13.3	4.1	2.0	-58.1	<=8.0
2429.05	19.4	13.3	4.1	2.0	-58.1	<=8.0
2429.10	19.3	13.3	4.0	2.0	-58.2	<=8.0
2429.15	20.0	13.3	4.7	2.0	-57.5	<=8.0
2429.20	20.2	13.3	4.9	2.0	-57.3	<=8.0
2429.25	20.2	13.3	4.9	2.0	-57.3	<=8.0
2429.30	20.3	13.3	5.0	2.0	-57.2	<=8.0
2429.35	20.3	13.3	5.0	2.0	-57.2	<=8.0
2429.40	20.3	13.3	5.0	2.0	-57.2	<=8.0
2429.45	20.2	13.3	4.9	2.0	-57.3	<=8.0
2429.50	20.1	13.3	4.8	2.0	-57.4	<=8.0
2429.55	19.4	13.3	4.1	2.0	-58.1	<=8.0
2429.60	19.0	13.3	3.7	2.0	-58.5	<=8.0
2429.65	18.8	13.3	3.5	2.0	-58.7	<=8.0
2429.70	18.8	13.3	3.5	2.0	-58.7	<=8.0
2429.75	18.6	13.3	3.3	2.0	-58.9	<=8.0
2429.80	18.4	13.3	3.1	2.0	-59.1	<=8.0
2429.85	18.4	13.3	3.1	2.0	-59.1	<=8.0
2429.90	18.2	13.3	2.9	2.0	-59.3	<=8.0
2429.95	18.3	13.3	3.0	2.0	-59.2	<=8.0
2430.00	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.05	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.10	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.15	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.20	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.25	18.5	13.3	3.2	2.0	-59.0	<=8.0
2430.30	18.5	13.3	3.2	2.0	-59.0	<=8.0
2430.35	18.5	13.3	3.2	2.0	-59.0	<=8.0
2430.40	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.45	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.50	18.4	13.3	3.1	2.0	-59.1	<=8.0
2430.55	18.5	13.3	3.2	2.0	-59.0	<=8.0
2430.60	18.3	13.3	3.0	2.0	-59.2	<=8.0
2430.65	18.1	13.3	2.8	2.0	-59.4	<=8.0
2430.70	17.0	13.3	1.7	2.0	-60.5	<=8.0
2430.75	16.6	13.3	1.3	2.0	-60.9	<=8.0
2430.80	16.4	13.3	1.1	2.0	-61.1	<=8.0
2430.85	16.4	13.3	1.1	2.0	-61.1	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2430.90	15.1	13.3	-0.2	2.0	-62.4	<=8.0
2430.95	15.1	13.3	-0.2	2.0	-62.4	<=8.0
2431.00	15.2	13.3	-0.1	2.0	-62.3	<=8.0
2431.05	15.2	13.3	-0.1	2.0	-62.3	<=8.0
2431.10	15.2	13.3	-0.1	2.0	-62.3	<=8.0
2431.15	15.3	13.3	0.0	2.0	-62.2	<=8.0
2431.20	15.3	13.3	0.0	2.0	-62.2	<=8.0
2431.25	16.3	13.3	1.0	2.0	-61.2	<=8.0
2431.30	17.5	13.3	2.2	2.0	-60.0	<=8.0
2431.35	17.9	13.3	2.6	2.0	-59.6	<=8.0
2431.40	17.9	13.3	2.6	2.0	-59.6	<=8.0
2431.45	19.0	13.3	3.7	2.0	-58.5	<=8.0
2431.50	20.5	13.3	5.2	2.0	-57.0	<=8.0
2431.55	23.0	13.3	7.7	2.0	-54.5	<=8.0
2431.60	25.6	13.3	10.3	2.0	-51.9	<=8.0
2431.65	25.6	13.3	10.3	2.0	-51.9	<=8.0
2431.70	22.1	13.3	6.8	2.0	-55.4	<=8.0
2431.75	20.5	13.3	5.2	2.0	-57.0	<=8.0
2431.80	18.5	13.3	3.2	2.0	-59.0	<=8.0
2431.85	17.4	13.3	2.1	2.0	-60.1	<=8.0
2431.90	17.0	13.3	1.7	2.0	-60.5	<=8.0
2431.95	16.9	13.3	1.6	2.0	-60.6	<=8.0
2432.00	16.9	13.3	1.6	2.0	-60.6	<=8.0
2432.05	16.8	13.3	1.5	2.0	-60.7	<=8.0
2432.10	16.5	13.3	1.2	2.0	-61.0	<=8.0
2432.15	15.2	13.3	-0.1	2.0	-62.3	<=8.0
2432.20	15.1	13.3	-0.2	2.0	-62.4	<=8.0
2432.25	14.8	13.3	-0.5	2.0	-62.7	<=8.0
2432.30	14.8	13.3	-0.5	2.0	-62.7	<=8.0
2432.35	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2432.40	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2432.45	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2432.50	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2432.55	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2432.60	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2432.65	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2432.70	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2432.75	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2432.80	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2432.85	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2432.90	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2432.95	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2433.00	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2433.05	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2433.10	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2433.15	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2433.20	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2433.25	13.1	13.3	-2.2	2.0	-64.4	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2433.30	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2433.35	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.40	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2433.45	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.50	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.55	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.60	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.65	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.70	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.75	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.80	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.85	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.90	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2433.95	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2434.00	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2434.05	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2434.10	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.15	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.20	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.25	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.30	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2434.35	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2434.40	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2434.45	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2434.50	12.0	13.3	-3.3	2.0	-65.5	<=8.0
2434.55	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.60	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.65	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.70	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.75	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.80	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.85	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.90	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.95	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.00	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.05	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.10	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.15	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.20	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.25	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2435.30	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2435.35	11.6	13.3	-3.7	2.0	-65.9	<=8.0
2435.40	11.9	13.3	-3.4	2.0	-65.6	<=8.0
2435.45	12.0	13.3	-3.3	2.0	-65.5	<=8.0
2435.50	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.55	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.60	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.65	12.3	13.3	-3.0	2.0	-65.2	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2435.70	11.9	13.3	-3.4	2.0	-65.6	<=8.0
2435.75	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.80	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2435.85	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2435.90	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2435.95	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2436.00	14.9	13.3	-0.4	2.0	-62.6	<=8.0
2436.05	14.9	13.3	-0.4	2.0	-62.6	<=8.0
2436.10	14.4	13.3	-0.9	2.0	-63.1	<=8.0
2436.15	14.2	13.3	-1.1	2.0	-63.3	<=8.0
2436.20	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2436.25	14.0	13.3	-1.3	2.0	-63.5	<=8.0
2436.30	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2436.35	11.2	13.3	-4.1	2.0	-66.3	<=8.0
2436.40	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2436.45	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2436.50	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2436.55	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2436.60	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2436.65	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2436.70	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2436.75	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2436.80	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2436.85	13.9	13.3	-1.4	2.0	-63.6	<=8.0
2436.90	16.1	13.3	0.8	2.0	-61.4	<=8.0
2436.95	17.5	13.3	2.2	2.0	-60.0	<=8.0
2437.00	21.5	13.3	6.2	2.0	-56.0	<=8.0
2437.05	23.0	13.3	7.7	2.0	-54.5	<=8.0
2437.10	23.8	13.3	8.5	2.0	-53.7	<=8.0
2437.15	23.7	13.3	8.4	2.0	-53.8	<=8.0
2437.20	23.8	13.3	8.5	2.0	-53.7	<=8.0
2437.25	22.3	13.3	7.0	2.0	-55.2	<=8.0
2437.30	20.8	13.3	5.5	2.0	-56.7	<=8.0
2437.35	16.7	13.3	1.4	2.0	-60.8	<=8.0
2437.40	17.7	13.3	2.4	2.0	-59.8	<=8.0
2437.45	17.0	13.3	1.7	2.0	-60.5	<=8.0
2437.50	16.2	13.3	0.9	2.0	-61.3	<=8.0
2437.55	15.6	13.3	0.3	2.0	-61.9	<=8.0
2437.60	14.6	13.3	-0.7	2.0	-62.9	<=8.0
2437.65	14.2	13.3	-1.1	2.0	-63.3	<=8.0
2437.70	11.4	13.3	-3.9	2.0	-66.1	<=8.0
2437.75	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2437.80	13.9	13.3	-1.4	2.0	-63.6	<=8.0
2437.85	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2437.90	11.3	13.3	-4.0	2.0	-66.2	<=8.0
2437.95	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2438.00	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2438.05	13.5	13.3	-1.8	2.0	-64.0	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2438.10	13.9	13.3	-1.4	2.0	-63.6	<=8.0
2438.15	13.9	13.3	-1.4	2.0	-63.6	<=8.0
2438.20	14.0	13.3	-1.3	2.0	-63.5	<=8.0
2438.25	14.0	13.3	-1.3	2.0	-63.5	<=8.0
2438.30	14.3	13.3	-1.0	2.0	-63.2	<=8.0
2438.35	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2438.40	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2438.45	14.4	13.3	-0.9	2.0	-63.1	<=8.0
2438.50	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2438.55	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2438.60	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2438.65	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2438.70	11.8	13.3	-3.5	2.0	-65.7	<=8.0
2438.75	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2438.80	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2438.85	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2438.90	11.7	13.3	-3.6	2.0	-65.8	<=8.0
2438.95	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2439.00	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2439.05	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2439.10	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2439.15	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2439.20	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2439.25	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2439.30	14.5	13.3	-0.8	2.0	-63.0	<=8.0
2439.35	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2439.40	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2439.45	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2439.50	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2439.55	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2439.60	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2439.65	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2439.70	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2439.75	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2439.80	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2439.85	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2439.90	11.6	13.3	-3.7	2.0	-65.9	<=8.0
2439.95	11.7	13.3	-3.6	2.0	-65.8	<=8.0
2440.00	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2440.05	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2440.10	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2440.15	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2440.20	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2440.25	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2440.30	13.3	13.3	-2.0	2.0	-64.2	<=8.0
2440.35	13.1	13.3	-2.2	2.0	-64.4	<=8.0
2440.40	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2440.45	12.9	13.3	-2.4	2.0	-64.6	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2440.50	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2440.55	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2440.60	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2440.65	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2440.70	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2440.75	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2440.80	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2440.85	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2440.90	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2440.95	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2441.00	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2441.05	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2441.10	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2441.15	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2441.20	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2441.25	13.5	13.3	-1.8	2.0	-64.0	<=8.0
2441.30	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.35	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.40	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.45	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.50	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.55	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.60	13.8	13.3	-1.5	2.0	-63.7	<=8.0
2441.65	13.7	13.3	-1.6	2.0	-63.8	<=8.0
2441.70	13.7	13.3	-1.6	2.0	-63.8	<=8.0
2441.75	13.7	13.3	-1.6	2.0	-63.8	<=8.0
2441.80	13.7	13.3	-1.6	2.0	-63.8	<=8.0
2441.85	13.6	13.3	-1.7	2.0	-63.9	<=8.0
2441.90	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2441.95	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2442.00	12.9	13.3	-2.4	2.0	-64.6	<=8.0
2442.05	13.0	13.3	-2.3	2.0	-64.5	<=8.0
2442.10	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2442.15	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2442.20	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2442.25	14.1	13.3	-1.2	2.0	-63.4	<=8.0
2442.30	14.5	13.3	-0.8	2.0	-63.0	<=8.0
2442.35	16.0	13.3	0.7	2.0	-61.5	<=8.0
2442.40	16.7	13.3	1.4	2.0	-60.8	<=8.0
2442.45	19.3	13.3	4.0	2.0	-58.2	<=8.0
2442.50	21.3	13.3	6.0	2.0	-56.2	<=8.0
2442.55	23.3	13.3	8.0	2.0	-54.2	<=8.0
2442.60	25.0	13.3	9.7	2.0	-52.5	<=8.0
2442.65	25.0	13.3	9.7	2.0	-52.5	<=8.0
2442.70	25.0	13.3	9.7	2.0	-52.5	<=8.0
2442.75	24.2	13.3	8.9	2.0	-53.3	<=8.0
2442.80	22.4	13.3	7.1	2.0	-55.1	<=8.0
2442.85	20.8	13.3	5.5	2.0	-56.7	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2442.90	18.9	13.3	3.6	2.0	-58.6	<=8.0
2442.95	18.8	13.3	3.5	2.0	-58.7	<=8.0
2443.00	18.2	13.3	2.9	2.0	-59.3	<=8.0
2443.05	18.2	13.3	2.9	2.0	-59.3	<=8.0
2443.10	17.6	13.3	2.3	2.0	-59.9	<=8.0
2443.15	17.1	13.3	1.8	2.0	-60.4	<=8.0
2443.20	16.7	13.3	1.4	2.0	-60.8	<=8.0
2443.25	16.7	13.3	1.4	2.0	-60.8	<=8.0
2443.30	16.6	13.3	1.3	2.0	-60.9	<=8.0
2443.35	16.3	13.3	1.0	2.0	-61.2	<=8.0
2443.40	15.9	13.3	0.6	2.0	-61.6	<=8.0
2443.45	15.9	13.3	0.6	2.0	-61.6	<=8.0
2443.50	15.9	13.3	0.6	2.0	-61.6	<=8.0
2443.55	16.2	13.3	0.9	2.0	-61.3	<=8.0
2443.60	16.4	13.3	1.1	2.0	-61.1	<=8.0
2443.65	16.4	13.3	1.1	2.0	-61.1	<=8.0
2443.70	16.4	13.3	1.1	2.0	-61.1	<=8.0
2443.75	16.4	13.3	1.1	2.0	-61.1	<=8.0
2443.80	17.5	13.3	2.2	2.0	-60.0	<=8.0
2443.85	17.5	13.3	2.2	2.0	-60.0	<=8.0
2443.90	17.5	13.3	2.2	2.0	-60.0	<=8.0
2443.95	17.5	13.3	2.2	2.0	-60.0	<=8.0
2444.00	17.6	13.3	2.3	2.0	-59.9	<=8.0
2444.05	17.6	13.3	2.3	2.0	-59.9	<=8.0
2444.10	18.3	13.3	3.0	2.0	-59.2	<=8.0
2444.15	18.5	13.3	3.2	2.0	-59.0	<=8.0
2444.20	18.7	13.3	3.4	2.0	-58.8	<=8.0
2444.25	18.9	13.3	3.6	2.0	-58.6	<=8.0
2444.30	19.2	13.3	3.9	2.0	-58.3	<=8.0
2444.35	19.2	13.3	3.9	2.0	-58.3	<=8.0
2444.40	19.2	13.3	3.9	2.0	-58.3	<=8.0
2444.45	19.2	13.3	3.9	2.0	-58.3	<=8.0
2444.50	19.8	13.3	4.5	2.0	-57.7	<=8.0
2444.55	20.4	13.3	5.1	2.0	-57.1	<=8.0
2444.60	20.1	13.3	4.8	2.0	-57.4	<=8.0
2444.65	20.3	13.3	5.0	2.0	-57.2	<=8.0
2444.70	20.3	13.3	5.0	2.0	-57.2	<=8.0
2444.75	20.4	13.3	5.1	2.0	-57.1	<=8.0
2444.80	20.5	13.3	5.2	2.0	-57.0	<=8.0
2444.85	20.6	13.3	5.3	2.0	-56.9	<=8.0
2444.90	20.8	13.3	5.5	2.0	-56.7	<=8.0
2444.95	20.9	13.3	5.6	2.0	-56.6	<=8.0
2445.00	20.8	13.3	5.5	2.0	-56.7	<=8.0
2445.05	20.9	13.3	5.6	2.0	-56.6	<=8.0
2445.10	20.8	13.3	5.5	2.0	-56.7	<=8.0
2445.15	21.0	13.3	5.7	2.0	-56.5	<=8.0
2445.20	21.0	13.3	5.7	2.0	-56.5	<=8.0
2445.25	22.2	13.3	6.9	2.0	-55.3	<=8.0

DATA-3 2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2445.30	22.5	13.3	7.2	2.0	-55.0	<=8.0
2445.35	22.7	13.3	7.4	2.0	-54.8	<=8.0
2445.40	22.8	13.3	7.5	2.0	-54.7	<=8.0
2445.45	22.8	13.3	7.5	2.0	-54.7	<=8.0
2445.50	22.8	13.3	7.5	2.0	-54.7	<=8.0

Calculated by using MS Excel Utility :

PERCENTILE (Gp@2428.50MHz : Gp@ 2445.50MHz , 20%) ----->

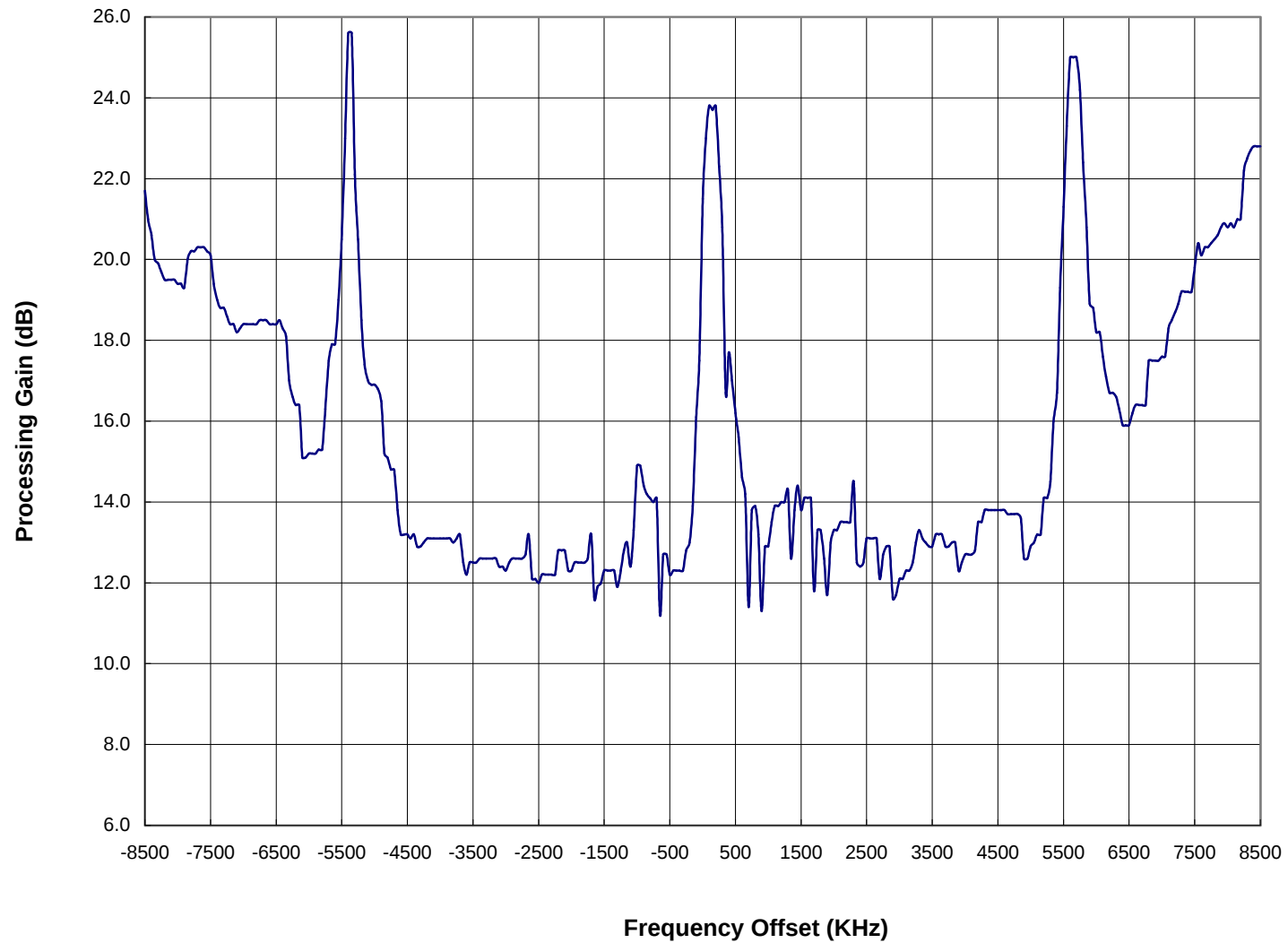
12.6

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL37400M Rev A**
 S/N **00500038**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **ID010000, PK010001, SF010000**
 Software Ver. **3.0.24**
 Mode **2 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **6**

Intersil Chips on Card: **ISL3984**
ISL3685
HFA3783
ISL3183
ISL3874

Processing Gain
Channel 6 (fc=2437MHz) @ 2Mbps



DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	19.0	10.3	6.7	2.0	-54.1	<=8.0
2428.55	18.3	10.3	6.0	2.0	-54.8	<=8.0
2428.60	17.6	10.3	5.3	2.0	-55.5	<=8.0
2428.65	17.0	10.3	4.7	2.0	-56.1	<=8.0
2428.70	16.9	10.3	4.6	2.0	-56.2	<=8.0
2428.75	16.6	10.3	4.3	2.0	-56.5	<=8.0
2428.80	16.4	10.3	4.1	2.0	-56.7	<=8.0
2428.85	16.3	10.3	4.0	2.0	-56.8	<=8.0
2428.90	16.3	10.3	4.0	2.0	-56.8	<=8.0
2428.95	16.2	10.3	3.9	2.0	-56.9	<=8.0
2429.00	16.1	10.3	3.8	2.0	-57.0	<=8.0
2429.05	16.5	10.3	4.2	2.0	-56.6	<=8.0
2429.10	17.3	10.3	5.0	2.0	-55.8	<=8.0
2429.15	17.1	10.3	4.8	2.0	-56.0	<=8.0
2429.20	17.1	10.3	4.8	2.0	-56.0	<=8.0
2429.25	17.6	10.3	5.3	2.0	-55.5	<=8.0
2429.30	17.6	10.3	5.3	2.0	-55.5	<=8.0
2429.35	17.7	10.3	5.4	2.0	-55.4	<=8.0
2429.40	17.7	10.3	5.4	2.0	-55.4	<=8.0
2429.45	17.7	10.3	5.4	2.0	-55.4	<=8.0
2429.50	17.3	10.3	5.0	2.0	-55.8	<=8.0
2429.55	16.9	10.3	4.6	2.0	-56.2	<=8.0
2429.60	16.2	10.3	3.9	2.0	-56.9	<=8.0
2429.65	16.0	10.3	3.7	2.0	-57.1	<=8.0
2429.70	15.9	10.3	3.6	2.0	-57.2	<=8.0
2429.75	16.3	10.3	4.0	2.0	-56.8	<=8.0
2429.80	16.2	10.3	3.9	2.0	-56.9	<=8.0
2429.85	16.2	10.3	3.9	2.0	-56.9	<=8.0
2429.90	16.3	10.3	4.0	2.0	-56.8	<=8.0
2429.95	16.4	10.3	4.1	2.0	-56.7	<=8.0
2430.00	16.3	10.3	4.0	2.0	-56.8	<=8.0
2430.05	16.2	10.3	3.9	2.0	-56.9	<=8.0
2430.10	15.8	10.3	3.5	2.0	-57.3	<=8.0
2430.15	16.0	10.3	3.7	2.0	-57.1	<=8.0
2430.20	16.6	10.3	4.3	2.0	-56.5	<=8.0
2430.25	16.8	10.3	4.5	2.0	-56.3	<=8.0
2430.30	17.6	10.3	5.3	2.0	-55.5	<=8.0
2430.35	17.8	10.3	5.5	2.0	-55.3	<=8.0
2430.40	17.9	10.3	5.6	2.0	-55.2	<=8.0
2430.45	17.4	10.3	5.1	2.0	-55.7	<=8.0
2430.50	16.7	10.3	4.4	2.0	-56.4	<=8.0
2430.55	15.8	10.3	3.5	2.0	-57.3	<=8.0
2430.60	15.4	10.3	3.1	2.0	-57.7	<=8.0
2430.65	15.1	10.3	2.8	2.0	-58.0	<=8.0
2430.70	15.0	10.3	2.7	2.0	-58.1	<=8.0
2430.75	15.3	10.3	3.0	2.0	-57.8	<=8.0
2430.80	15.2	10.3	2.9	2.0	-57.9	<=8.0
2430.85	15.4	10.3	3.1	2.0	-57.7	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2430.90	15.6	10.3	3.3	2.0	-57.5	<=8.0
2430.95	15.3	10.3	3.0	2.0	-57.8	<=8.0
2431.00	14.9	10.3	2.6	2.0	-58.2	<=8.0
2431.05	15.0	10.3	2.7	2.0	-58.1	<=8.0
2431.10	15.1	10.3	2.8	2.0	-58.0	<=8.0
2431.15	14.9	10.3	2.6	2.0	-58.2	<=8.0
2431.20	15.4	10.3	3.1	2.0	-57.7	<=8.0
2431.25	16.0	10.3	3.7	2.0	-57.1	<=8.0
2431.30	17.3	10.3	5.0	2.0	-55.8	<=8.0
2431.35	17.7	10.3	5.4	2.0	-55.4	<=8.0
2431.40	18.5	10.3	6.2	2.0	-54.6	<=8.0
2431.45	19.9	10.3	7.6	2.0	-53.2	<=8.0
2431.50	20.4	10.3	8.1	2.0	-52.7	<=8.0
2431.55	21.3	10.3	9.0	2.0	-51.8	<=8.0
2431.60	22.2	10.3	9.9	2.0	-50.9	<=8.0
2431.65	23.9	10.3	11.6	2.0	-49.2	<=8.0
2431.70	22.9	10.3	10.6	2.0	-50.2	<=8.0
2431.75	22.6	10.3	10.3	2.0	-50.5	<=8.0
2431.80	19.0	10.3	6.7	2.0	-54.1	<=8.0
2431.85	19.9	10.3	7.6	2.0	-53.2	<=8.0
2431.90	18.0	10.3	5.7	2.0	-55.1	<=8.0
2431.95	17.6	10.3	5.3	2.0	-55.5	<=8.0
2432.00	16.2	10.3	3.9	2.0	-56.9	<=8.0
2432.05	15.4	10.3	3.1	2.0	-57.7	<=8.0
2432.10	14.7	10.3	2.4	2.0	-58.4	<=8.0
2432.15	14.1	10.3	1.8	2.0	-59.0	<=8.0
2432.20	14.3	10.3	2.0	2.0	-58.8	<=8.0
2432.25	14.3	10.3	2.0	2.0	-58.8	<=8.0
2432.30	14.2	10.3	1.9	2.0	-58.9	<=8.0
2432.35	14.1	10.3	1.8	2.0	-59.0	<=8.0
2432.40	14.3	10.3	2.0	2.0	-58.8	<=8.0
2432.45	14.0	10.3	1.7	2.0	-59.1	<=8.0
2432.50	13.9	10.3	1.6	2.0	-59.2	<=8.0
2432.55	14.0	10.3	1.7	2.0	-59.1	<=8.0
2432.60	14.0	10.3	1.7	2.0	-59.1	<=8.0
2432.65	14.1	10.3	1.8	2.0	-59.0	<=8.0
2432.70	14.0	10.3	1.7	2.0	-59.1	<=8.0
2432.75	14.5	10.3	2.2	2.0	-58.6	<=8.0
2432.80	14.3	10.3	2.0	2.0	-58.8	<=8.0
2432.85	13.9	10.3	1.6	2.0	-59.2	<=8.0
2432.90	14.3	10.3	2.0	2.0	-58.8	<=8.0
2432.95	14.0	10.3	1.7	2.0	-59.1	<=8.0
2433.00	13.9	10.3	1.6	2.0	-59.2	<=8.0
2433.05	14.0	10.3	1.7	2.0	-59.1	<=8.0
2433.10	13.6	10.3	1.3	2.0	-59.5	<=8.0
2433.15	13.7	10.3	1.4	2.0	-59.4	<=8.0
2433.20	13.6	10.3	1.3	2.0	-59.5	<=8.0
2433.25	13.6	10.3	1.3	2.0	-59.5	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2433.30	13.3	10.3	1.0	2.0	-59.8	<=8.0
2433.35	13.4	10.3	1.1	2.0	-59.7	<=8.0
2433.40	13.6	10.3	1.3	2.0	-59.5	<=8.0
2433.45	13.2	10.3	0.9	2.0	-59.9	<=8.0
2433.50	13.5	10.3	1.2	2.0	-59.6	<=8.0
2433.55	13.1	10.3	0.8	2.0	-60.0	<=8.0
2433.60	13.3	10.3	1.0	2.0	-59.8	<=8.0
2433.65	13.7	10.3	1.4	2.0	-59.4	<=8.0
2433.70	13.4	10.3	1.1	2.0	-59.7	<=8.0
2433.75	13.7	10.3	1.4	2.0	-59.4	<=8.0
2433.80	13.4	10.3	1.1	2.0	-59.7	<=8.0
2433.85	13.5	10.3	1.2	2.0	-59.6	<=8.0
2433.90	13.4	10.3	1.1	2.0	-59.7	<=8.0
2433.95	13.3	10.3	1.0	2.0	-59.8	<=8.0
2434.00	13.6	10.3	1.3	2.0	-59.5	<=8.0
2434.05	13.2	10.3	0.9	2.0	-59.9	<=8.0
2434.10	12.8	10.3	0.5	2.0	-60.3	<=8.0
2434.15	13.2	10.3	0.9	2.0	-59.9	<=8.0
2434.20	12.9	10.3	0.6	2.0	-60.2	<=8.0
2434.25	12.9	10.3	0.6	2.0	-60.2	<=8.0
2434.30	12.8	10.3	0.5	2.0	-60.3	<=8.0
2434.35	13.0	10.3	0.7	2.0	-60.1	<=8.0
2434.40	13.1	10.3	0.8	2.0	-60.0	<=8.0
2434.45	12.5	10.3	0.2	2.0	-60.6	<=8.0
2434.50	13.0	10.3	0.7	2.0	-60.1	<=8.0
2434.55	13.0	10.3	0.7	2.0	-60.1	<=8.0
2434.60	12.9	10.3	0.6	2.0	-60.2	<=8.0
2434.65	13.1	10.3	0.8	2.0	-60.0	<=8.0
2434.70	13.0	10.3	0.7	2.0	-60.1	<=8.0
2434.75	13.3	10.3	1.0	2.0	-59.8	<=8.0
2434.80	13.2	10.3	0.9	2.0	-59.9	<=8.0
2434.85	13.5	10.3	1.2	2.0	-59.6	<=8.0
2434.90	13.3	10.3	1.0	2.0	-59.8	<=8.0
2434.95	13.5	10.3	1.2	2.0	-59.6	<=8.0
2435.00	13.6	10.3	1.3	2.0	-59.5	<=8.0
2435.05	14.0	10.3	1.7	2.0	-59.1	<=8.0
2435.10	13.9	10.3	1.6	2.0	-59.2	<=8.0
2435.15	13.4	10.3	1.1	2.0	-59.7	<=8.0
2435.20	13.1	10.3	0.8	2.0	-60.0	<=8.0
2435.25	12.9	10.3	0.6	2.0	-60.2	<=8.0
2435.30	12.6	10.3	0.3	2.0	-60.5	<=8.0
2435.35	12.5	10.3	0.2	2.0	-60.6	<=8.0
2435.40	13.3	10.3	1.0	2.0	-59.8	<=8.0
2435.45	13.0	10.3	0.7	2.0	-60.1	<=8.0
2435.50	13.2	10.3	0.9	2.0	-59.9	<=8.0
2435.55	13.4	10.3	1.1	2.0	-59.7	<=8.0
2435.60	13.2	10.3	0.9	2.0	-59.9	<=8.0
2435.65	13.7	10.3	1.4	2.0	-59.4	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2435.70	13.1	10.3	0.8	2.0	-60.0	<=8.0
2435.75	13.4	10.3	1.1	2.0	-59.7	<=8.0
2435.80	13.3	10.3	1.0	2.0	-59.8	<=8.0
2435.85	13.6	10.3	1.3	2.0	-59.5	<=8.0
2435.90	13.3	10.3	1.0	2.0	-59.8	<=8.0
2435.95	13.2	10.3	0.9	2.0	-59.9	<=8.0
2436.00	13.4	10.3	1.1	2.0	-59.7	<=8.0
2436.05	13.7	10.3	1.4	2.0	-59.4	<=8.0
2436.10	13.7	10.3	1.4	2.0	-59.4	<=8.0
2436.15	13.3	10.3	1.0	2.0	-59.8	<=8.0
2436.20	13.6	10.3	1.3	2.0	-59.5	<=8.0
2436.25	13.2	10.3	0.9	2.0	-59.9	<=8.0
2436.30	13.1	10.3	0.8	2.0	-60.0	<=8.0
2436.35	13.0	10.3	0.7	2.0	-60.1	<=8.0
2436.40	12.9	10.3	0.6	2.0	-60.2	<=8.0
2436.45	12.8	10.3	0.5	2.0	-60.3	<=8.0
2436.50	12.5	10.3	0.2	2.0	-60.6	<=8.0
2436.55	12.6	10.3	0.3	2.0	-60.5	<=8.0
2436.60	12.7	10.3	0.4	2.0	-60.4	<=8.0
2436.65	13.3	10.3	1.0	2.0	-59.8	<=8.0
2436.70	13.2	10.3	0.9	2.0	-59.9	<=8.0
2436.75	13.1	10.3	0.8	2.0	-60.0	<=8.0
2436.80	14.8	10.3	2.5	2.0	-58.3	<=8.0
2436.85	15.2	10.3	2.9	2.0	-57.9	<=8.0
2436.90	16.3	10.3	4.0	2.0	-56.8	<=8.0
2436.95	20.8	10.3	8.5	2.0	-52.3	<=8.0
2437.00	19.0	10.3	6.7	2.0	-54.1	<=8.0
2437.05	20.4	10.3	8.1	2.0	-52.7	<=8.0
2437.10	20.3	10.3	8.0	2.0	-52.8	<=8.0
2437.15	22.8	10.3	10.5	2.0	-50.3	<=8.0
2437.20	21.8	10.3	9.5	2.0	-51.3	<=8.0
2437.25	20.4	10.3	8.1	2.0	-52.7	<=8.0
2437.30	19.1	10.3	6.8	2.0	-54.0	<=8.0
2437.35	17.9	10.3	5.6	2.0	-55.2	<=8.0
2437.40	16.7	10.3	4.4	2.0	-56.4	<=8.0
2437.45	15.5	10.3	3.2	2.0	-57.6	<=8.0
2437.50	15.1	10.3	2.8	2.0	-58.0	<=8.0
2437.55	14.4	10.3	2.1	2.0	-58.7	<=8.0
2437.60	13.7	10.3	1.4	2.0	-59.4	<=8.0
2437.65	12.7	10.3	0.4	2.0	-60.4	<=8.0
2437.70	12.4	10.3	0.1	2.0	-60.7	<=8.0
2437.75	12.0	10.3	-0.3	2.0	-61.1	<=8.0
2437.80	12.2	10.3	-0.1	2.0	-60.9	<=8.0
2437.85	12.4	10.3	0.1	2.0	-60.7	<=8.0
2437.90	12.5	10.3	0.2	2.0	-60.6	<=8.0
2437.95	12.7	10.3	0.4	2.0	-60.4	<=8.0
2438.00	12.1	10.3	-0.2	2.0	-61.0	<=8.0
2438.05	13.2	10.3	0.9	2.0	-59.9	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2438.10	13.7	10.3	1.4	2.0	-59.4	<=8.0
2438.15	13.7	10.3	1.4	2.0	-59.4	<=8.0
2438.20	13.6	10.3	1.3	2.0	-59.5	<=8.0
2438.25	14.1	10.3	1.8	2.0	-59.0	<=8.0
2438.30	14.2	10.3	1.9	2.0	-58.9	<=8.0
2438.35	14.4	10.3	2.1	2.0	-58.7	<=8.0
2438.40	14.3	10.3	2.0	2.0	-58.8	<=8.0
2438.45	14.2	10.3	1.9	2.0	-58.9	<=8.0
2438.50	13.9	10.3	1.6	2.0	-59.2	<=8.0
2438.55	13.5	10.3	1.2	2.0	-59.6	<=8.0
2438.60	12.9	10.3	0.6	2.0	-60.2	<=8.0
2438.65	12.2	10.3	-0.1	2.0	-60.9	<=8.0
2438.70	12.4	10.3	0.1	2.0	-60.7	<=8.0
2438.75	12.4	10.3	0.1	2.0	-60.7	<=8.0
2438.80	12.7	10.3	0.4	2.0	-60.4	<=8.0
2438.85	12.7	10.3	0.4	2.0	-60.4	<=8.0
2438.90	12.1	10.3	-0.2	2.0	-61.0	<=8.0
2438.95	12.2	10.3	-0.1	2.0	-60.9	<=8.0
2439.00	12.3	10.3	0.0	2.0	-60.8	<=8.0
2439.05	12.5	10.3	0.2	2.0	-60.6	<=8.0
2439.10	13.2	10.3	0.9	2.0	-59.9	<=8.0
2439.15	12.2	10.3	-0.1	2.0	-60.9	<=8.0
2439.20	13.4	10.3	1.1	2.0	-59.7	<=8.0
2439.25	13.6	10.3	1.3	2.0	-59.5	<=8.0
2439.30	13.4	10.3	1.1	2.0	-59.7	<=8.0
2439.35	13.5	10.3	1.2	2.0	-59.6	<=8.0
2439.40	13.5	10.3	1.2	2.0	-59.6	<=8.0
2439.45	13.7	10.3	1.4	2.0	-59.4	<=8.0
2439.50	13.6	10.3	1.3	2.0	-59.5	<=8.0
2439.55	13.4	10.3	1.1	2.0	-59.7	<=8.0
2439.60	13.2	10.3	0.9	2.0	-59.9	<=8.0
2439.65	13.7	10.3	1.4	2.0	-59.4	<=8.0
2439.70	12.8	10.3	0.5	2.0	-60.3	<=8.0
2439.75	12.4	10.3	0.1	2.0	-60.7	<=8.0
2439.80	11.8	10.3	-0.5	2.0	-61.3	<=8.0
2439.85	12.6	10.3	0.3	2.0	-60.5	<=8.0
2439.90	12.4	10.3	0.1	2.0	-60.7	<=8.0
2439.95	12.8	10.3	0.5	2.0	-60.3	<=8.0
2440.00	12.6	10.3	0.3	2.0	-60.5	<=8.0
2440.05	12.8	10.3	0.5	2.0	-60.3	<=8.0
2440.10	12.7	10.3	0.4	2.0	-60.4	<=8.0
2440.15	13.6	10.3	1.3	2.0	-59.5	<=8.0
2440.20	13.4	10.3	1.1	2.0	-59.7	<=8.0
2440.25	13.6	10.3	1.3	2.0	-59.5	<=8.0
2440.30	13.9	10.3	1.6	2.0	-59.2	<=8.0
2440.35	14.2	10.3	1.9	2.0	-58.9	<=8.0
2440.40	14.3	10.3	2.0	2.0	-58.8	<=8.0
2440.45	14.2	10.3	1.9	2.0	-58.9	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2440.50	13.9	10.3	1.6	2.0	-59.2	<=8.0
2440.55	13.4	10.3	1.1	2.0	-59.7	<=8.0
2440.60	13.8	10.3	1.5	2.0	-59.3	<=8.0
2440.65	13.0	10.3	0.7	2.0	-60.1	<=8.0
2440.70	13.3	10.3	1.0	2.0	-59.8	<=8.0
2440.75	13.8	10.3	1.5	2.0	-59.3	<=8.0
2440.80	13.6	10.3	1.3	2.0	-59.5	<=8.0
2440.85	13.6	10.3	1.3	2.0	-59.5	<=8.0
2440.90	13.2	10.3	0.9	2.0	-59.9	<=8.0
2440.95	13.8	10.3	1.5	2.0	-59.3	<=8.0
2441.00	13.9	10.3	1.6	2.0	-59.2	<=8.0
2441.05	13.7	10.3	1.4	2.0	-59.4	<=8.0
2441.10	13.9	10.3	1.6	2.0	-59.2	<=8.0
2441.15	14.7	10.3	2.4	2.0	-58.4	<=8.0
2441.20	14.2	10.3	1.9	2.0	-58.9	<=8.0
2441.25	14.4	10.3	2.1	2.0	-58.7	<=8.0
2441.30	14.8	10.3	2.5	2.0	-58.3	<=8.0
2441.35	14.6	10.3	2.3	2.0	-58.5	<=8.0
2441.40	14.8	10.3	2.5	2.0	-58.3	<=8.0
2441.45	15.0	10.3	2.7	2.0	-58.1	<=8.0
2441.50	14.3	10.3	2.0	2.0	-58.8	<=8.0
2441.55	15.0	10.3	2.7	2.0	-58.1	<=8.0
2441.60	14.0	10.3	1.7	2.0	-59.1	<=8.0
2441.65	13.3	10.3	1.0	2.0	-59.8	<=8.0
2441.70	14.3	10.3	2.0	2.0	-58.8	<=8.0
2441.75	14.1	10.3	1.8	2.0	-59.0	<=8.0
2441.80	13.9	10.3	1.6	2.0	-59.2	<=8.0
2441.85	13.5	10.3	1.2	2.0	-59.6	<=8.0
2441.90	13.1	10.3	0.8	2.0	-60.0	<=8.0
2441.95	13.3	10.3	1.0	2.0	-59.8	<=8.0
2442.00	13.7	10.3	1.4	2.0	-59.4	<=8.0
2442.05	13.8	10.3	1.5	2.0	-59.3	<=8.0
2442.10	14.3	10.3	2.0	2.0	-58.8	<=8.0
2442.15	14.0	10.3	1.7	2.0	-59.1	<=8.0
2442.20	14.8	10.3	2.5	2.0	-58.3	<=8.0
2442.25	15.2	10.3	2.9	2.0	-57.9	<=8.0
2442.30	16.5	10.3	4.2	2.0	-56.6	<=8.0
2442.35	17.1	10.3	4.8	2.0	-56.0	<=8.0
2442.40	18.2	10.3	5.9	2.0	-54.9	<=8.0
2442.45	19.7	10.3	7.4	2.0	-53.4	<=8.0
2442.50	21.9	10.3	9.6	2.0	-51.2	<=8.0
2442.55	22.8	10.3	10.5	2.0	-50.3	<=8.0
2442.60	24.6	10.3	12.3	2.0	-48.5	<=8.0
2442.65	25.3	10.3	13.0	2.0	-47.8	<=8.0
2442.70	23.7	10.3	11.4	2.0	-49.4	<=8.0
2442.75	22.0	10.3	9.7	2.0	-51.1	<=8.0
2442.80	20.8	10.3	8.5	2.0	-52.3	<=8.0
2442.85	20.5	10.3	8.2	2.0	-52.6	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2442.90	19.6	10.3	7.3	2.0	-53.5	<=8.0
2442.95	18.3	10.3	6.0	2.0	-54.8	<=8.0
2443.00	17.8	10.3	5.5	2.0	-55.3	<=8.0
2443.05	16.7	10.3	4.4	2.0	-56.4	<=8.0
2443.10	15.0	10.3	2.7	2.0	-58.1	<=8.0
2443.15	15.4	10.3	3.1	2.0	-57.7	<=8.0
2443.20	16.3	10.3	4.0	2.0	-56.8	<=8.0
2443.25	15.8	10.3	3.5	2.0	-57.3	<=8.0
2443.30	15.8	10.3	3.5	2.0	-57.3	<=8.0
2443.35	15.5	10.3	3.2	2.0	-57.6	<=8.0
2443.40	16.1	10.3	3.8	2.0	-57.0	<=8.0
2443.45	15.7	10.3	3.4	2.0	-57.4	<=8.0
2443.50	16.2	10.3	3.9	2.0	-56.9	<=8.0
2443.55	15.1	10.3	2.8	2.0	-58.0	<=8.0
2443.60	14.9	10.3	2.6	2.0	-58.2	<=8.0
2443.65	15.6	10.3	3.3	2.0	-57.5	<=8.0
2443.70	15.9	10.3	3.6	2.0	-57.2	<=8.0
2443.75	15.1	10.3	2.8	2.0	-58.0	<=8.0
2443.80	17.5	10.3	5.2	2.0	-55.6	<=8.0
2443.85	16.8	10.3	4.5	2.0	-56.3	<=8.0
2443.90	17.6	10.3	5.3	2.0	-55.5	<=8.0
2443.95	17.2	10.3	4.9	2.0	-55.9	<=8.0
2444.00	17.2	10.3	4.9	2.0	-55.9	<=8.0
2444.05	17.0	10.3	4.7	2.0	-56.1	<=8.0
2444.10	16.2	10.3	3.9	2.0	-56.9	<=8.0
2444.15	16.3	10.3	4.0	2.0	-56.8	<=8.0
2444.20	17.7	10.3	5.4	2.0	-55.4	<=8.0
2444.25	17.7	10.3	5.4	2.0	-55.4	<=8.0
2444.30	17.9	10.3	5.6	2.0	-55.2	<=8.0
2444.35	17.8	10.3	5.5	2.0	-55.3	<=8.0
2444.40	18.5	10.3	6.2	2.0	-54.6	<=8.0
2444.45	18.1	10.3	5.8	2.0	-55.0	<=8.0
2444.50	17.5	10.3	5.2	2.0	-55.6	<=8.0
2444.55	17.1	10.3	4.8	2.0	-56.0	<=8.0
2444.60	17.1	10.3	4.8	2.0	-56.0	<=8.0
2444.65	17.3	10.3	5.0	2.0	-55.8	<=8.0
2444.70	17.5	10.3	5.2	2.0	-55.6	<=8.0
2444.75	18.1	10.3	5.8	2.0	-55.0	<=8.0
2444.80	18.2	10.3	5.9	2.0	-54.9	<=8.0
2444.85	19.3	10.3	7.0	2.0	-53.8	<=8.0
2444.90	19.2	10.3	6.9	2.0	-53.9	<=8.0
2444.95	18.8	10.3	6.5	2.0	-54.3	<=8.0
2445.00	18.7	10.3	6.4	2.0	-54.4	<=8.0
2445.05	18.2	10.3	5.9	2.0	-54.9	<=8.0
2445.10	18.4	10.3	6.1	2.0	-54.7	<=8.0
2445.15	19.4	10.3	7.1	2.0	-53.7	<=8.0
2445.20	19.5	10.3	7.2	2.0	-53.6	<=8.0
2445.25	19.7	10.3	7.4	2.0	-53.4	<=8.0

DATA-4 1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2445.30	20.1	10.3	7.8	2.0	-53.0	<=8.0
2445.35	19.3	10.3	7.0	2.0	-53.8	<=8.0
2445.40	20.2	10.3	7.9	2.0	-52.9	<=8.0
2445.45	20.3	10.3	8.0	2.0	-52.8	<=8.0
2445.50	19.8	10.3	7.5	2.0	-53.3	<=8.0

Calculated by using MS Excel Utility :

PERCENTILE (Gp@2428.50MHz : Gp@ 2445.50MHz , 20%) ----->

13.2

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL37400M Rev A**
 S/N **00500038**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **ID010000, PK010001, SF010000**
 Software Ver. **3.0.24**
 Mode **1 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **0**

Intersil Chips on Card: **ISL3984**
ISL3685
HFA3783
ISL3183
ISL3874

Processing Gain Channel 6 (fc=2437MHz) @ 1Mbps

