



FCC processing Gain report for

**-11Mbps at channel 1
-1, 2, 5.5 and 11 Mbps at channel 6
-11Mbps at channel 11**

of

**Description: 2.4 GHz WLAN USB device
FCC ID: OSZ36342U
Brand name: Intersil
Model number: ISL36342U**

Testing for compliance with FCC rules 15-247e

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Scope

This report presents the test procedure, test configuration and test data associated with a FCC Part 15.247 (e) Jamming Margin test for the indirect measurement of processing gain.

Applicable Reference Documents.

1. "Operation within the bands 902-928 MHz, 2400-2483.5, and 5725-5850 MHz" *Title 47 Part 15 section 247 (e) Code of Federal Regulations. (47 CFR 15.247).*
2. "Report and Order: Amendment of Parts 2 and 15 of the Commission's Rules Regarding Spread Spectrum Transmitters. Appendix C: 'Guidance on Measurements for Direct Sequence Spread Spectrum Systems" *FCC 97-114. ET Docket No. 96-8, RM-8435, RM-8608, RM-8609.*
3. "HFA3863 Direct Sequence Spread Spectrum Baseband Processor
4. "M-ary Orthogonal Keying BER Curve",

Test Background and Procedure.

According to FCC regulations [1], a direct sequence spread spectrum system must have a processing gain, G_p of at least 10 dB. Compliance to this requirement can be shown by demonstrating a relative bit-error-ratio (BER) performance improvement (and corresponding signal to noise ratio per symbol improvement of at least 10 dB) between the case where spread spectrum processes (coding, modulation) are engaged relative to the processes being bypassed. In some practical systems, the spread spectrum processing cannot simply be bypassed. In these cases, the processing gain can be indirectly measured by a jamming margin test [2]. In accordance with the new NPRM 99-231, if the vendor has a system with less than 10 chips per symbol, the CW jamming results must be supported by a theoretical explanation of the system processing gain.

Theoretical calculations

The processing gain is related to the jamming margin as follows [2]:

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

Where $BER_{REFERENCE}$ is the reference bit error ratio with its corresponding, theoretical output signal to noise ratio per symbol, $(S/N)_{output}$, (J/S) is the 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 2 dB.

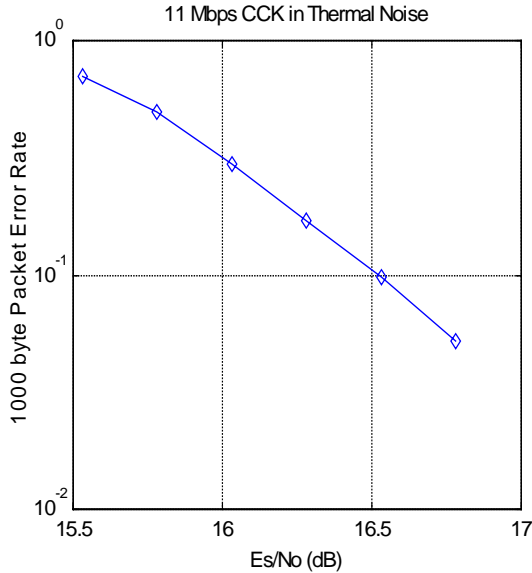
The HFA3863 direct sequence spread spectrum baseband processor uses CCK modulation which is a form of M-ary Orthogonal Keying. The BER performance curve is given by [5]:

“ The probability of error for generalized M-ary Orthogonal signaling using coherent demodulation is given by:

$$P_e = 1 - P_{c1} = 1 - \frac{1}{\sqrt{2\pi}} \int_{\frac{S_{01}}{N_0}}^{\infty} \left[2(1 - Q \left\{ z + \sqrt{2 \frac{E_b}{\eta}} \right\} \right)^{\frac{M}{2}-1} \exp \left\{ -\frac{z^2}{2} \right\} dz$$

This integral cannot be solved in closed form, and numerical integration must be used. This is done in a MATHCAD environment and is displayed in graphical format.

1.1 1000 byte PER vs. Es/No



The reference PER is specified as 8% . The corresponding Es/No (signal to noise ratio per symbol) is 16.4 dB. The Es/No required to achieve the desired BER with maximum system implementation losses is 18.4 dB. The minimum processing gain is again, 10 dB, therefore:

$$G_p = \left(\frac{E_s}{N_o}\right)_{output} + \left(\frac{J}{S}\right) + L_{system} = 16.4dB + 2.0dB + \left(\frac{J}{S}\right) \geq 10dB$$

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

The minimum jammer to signal ratio is as follows:

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

For the case of the HFA3863, the bit rates are 1, 2, 5.5, and 11 Mbps. The corresponding symbol rates are 1, 1, 1.375, and 1.375 MSps. The chip rate is always 11 MCps, so the ratio of chip rate to symbol rate is 11:1 for the 1 and 2 Mbps rates and 8:1 for the 5.5 and 11 Mbps rates. Since the symbol rate to bit rate is less than 10 for the higher rates, we supply the theoretical processing gain calculation for these cases where both spread spectrum

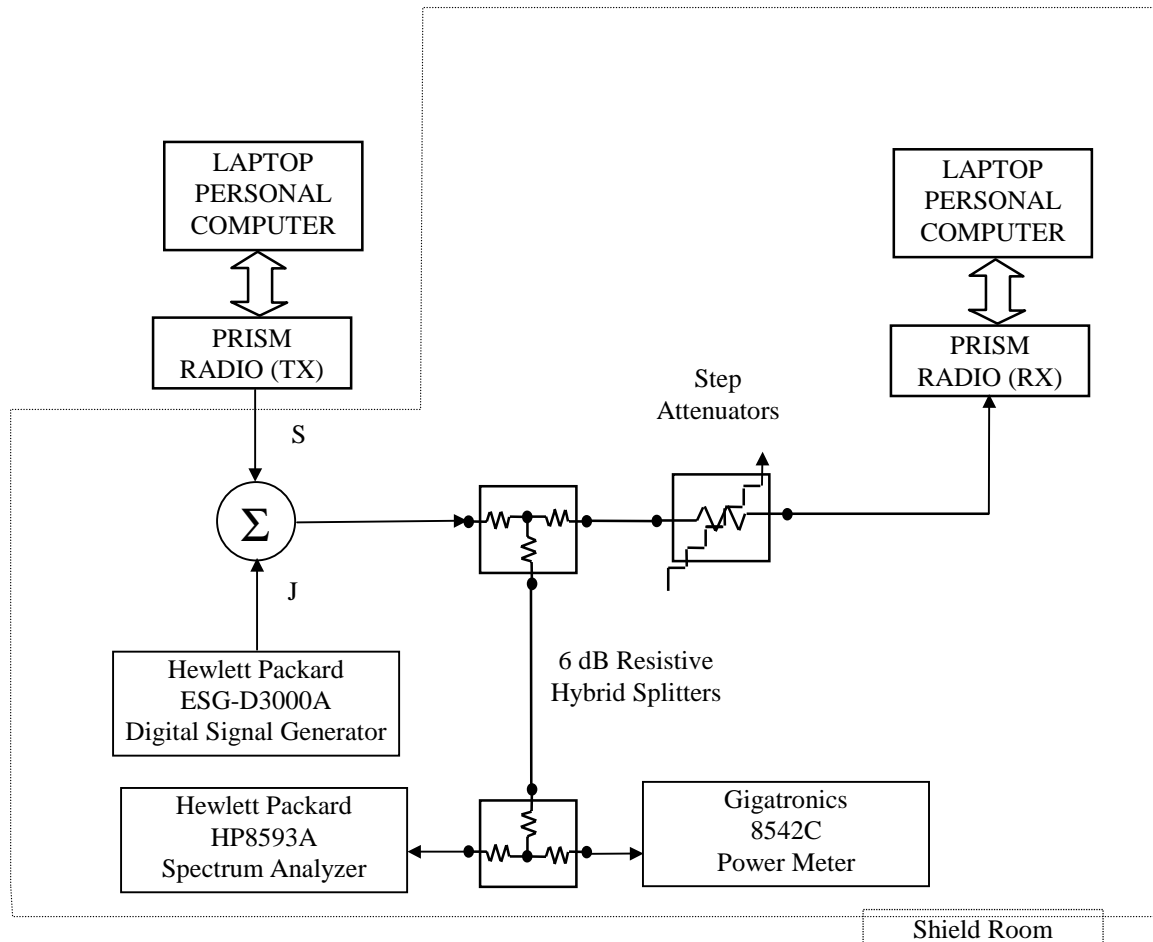
processing gain and coding gain are utilized. This is reasonable in that they cannot be separated in the demodulation process. If a separable FEC coding scheme were used, we would not be comfortable making this assertion.

As can be seen from the curve of figure 1, the E_s/N_0 is 16.4 dB at the PER of 8%. This PER can be related to a BER of $1e-5$ on 1000 byte packets. With 8 bits per symbol, the E_b/N_0 is then 7.4 dB or 9 dB less than the E_s/N_0 . It is well known that the E_b/N_0 of BPSK is 9.6 dB for $1e-5$ BER, so therefore the coding gain of CCK over BPSK is 2.2 dB. We add this to the processing gain of 9 dB to get 11.2 dB overall processing gain for the CW jammer test.

Taking the calculations above, if the $\left(\frac{J}{S}\right) \geq -8.4dB$ then the equipment passes the CW jamming test.

Test Configuration: CW Jamming Margin (15.247) (e)

Basic Test Block Diagram



Test Procedure

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

1. Signal Power at receiver approximately -60 dBm (above thermal sensitivity such that thermal noise does not cause bit errors).
2. Signal Power at power meter between -20 and -30 dBm 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 meter port 8.4 dB below S_r (minimum J/S, or 10 dB 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 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. Alternatively, adjust the CW Jammer level to that which causes 8% PER and verify that the S/J is less than 8.4 dB.
9. Repeat step 7 for uniform steps in frequency increments of 50 kHz across the receiver passband with the CW Jammer. In this case the receiver passband is ± 8.5 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.

intersil PRISM radio Jamming Margin Test

The margin by which the radio passes 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 channels is tabulated and presented for:

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

Processing Gain

ISL36342U-EVAL

11Mbps CHANNEL 1 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 (%)
2403.50	24.6	16.4	6.2	2.0	-53.7	<=8.0
2403.55	24.0	16.4	5.6	2.0	-54.3	<=8.0
2403.60	23.3	16.4	4.9	2.0	-55.0	<=8.0
2403.65	23.1	16.4	4.7	2.0	-55.2	<=8.0
2403.70	23.3	16.4	4.9	2.0	-55.0	<=8.0
2403.75	23.9	16.4	5.5	2.0	-54.4	<=8.0
2403.80	24.1	16.4	5.7	2.0	-54.2	<=8.0
2403.85	24.3	16.4	5.9	2.0	-54.0	<=8.0
2403.90	24.3	16.4	5.9	2.0	-54.0	<=8.0
2403.95	24.2	16.4	5.8	2.0	-54.1	<=8.0
2404.00	23.9	16.4	5.5	2.0	-54.4	<=8.0
2404.05	23.6	16.4	5.2	2.0	-54.7	<=8.0
2404.10	23.5	16.4	5.1	2.0	-54.8	<=8.0
2404.15	23.4	16.4	5.0	2.0	-54.9	<=8.0
2404.20	23.5	16.4	5.1	2.0	-54.8	<=8.0
2404.25	23.9	16.4	5.5	2.0	-54.4	<=8.0
2404.30	24.1	16.4	5.7	2.0	-54.2	<=8.0
2404.35	24.1	16.4	5.7	2.0	-54.2	<=8.0
2404.40	23.3	16.4	4.9	2.0	-55.0	<=8.0
2404.45	23.2	16.4	4.8	2.0	-55.1	<=8.0
2404.50	23.1	16.4	4.7	2.0	-55.2	<=8.0
2404.55	23.0	16.4	4.6	2.0	-55.3	<=8.0
2404.60	22.5	16.4	4.1	2.0	-55.8	<=8.0
2404.65	21.9	16.4	3.5	2.0	-56.4	<=8.0
2404.70	22.3	16.4	3.9	2.0	-56.0	<=8.0
2404.75	22.3	16.4	3.9	2.0	-56.0	<=8.0
2404.80	22.0	16.4	3.6	2.0	-56.3	<=8.0
2404.85	21.7	16.4	3.3	2.0	-56.6	<=8.0
2404.90	21.4	16.4	3.0	2.0	-56.9	<=8.0
2404.95	21.1	16.4	2.7	2.0	-57.2	<=8.0
2405.00	20.9	16.4	2.5	2.0	-57.4	<=8.0
2405.05	20.8	16.4	2.4	2.0	-57.5	<=8.0
2405.10	20.2	16.4	1.8	2.0	-58.1	<=8.0
2405.15	20.1	16.4	1.7	2.0	-58.2	<=8.0
2405.20	19.8	16.4	1.4	2.0	-58.5	<=8.0
2405.25	19.3	16.4	0.9	2.0	-59.0	<=8.0
2405.30	19.1	16.4	0.7	2.0	-59.2	<=8.0
2405.35	19.0	16.4	0.6	2.0	-59.3	<=8.0
2405.40	18.9	16.4	0.5	2.0	-59.4	<=8.0
2405.45	18.8	16.4	0.4	2.0	-59.5	<=8.0
2405.50	18.8	16.4	0.4	2.0	-59.5	<=8.0
2405.55	18.8	16.4	0.4	2.0	-59.5	<=8.0
2405.60	18.7	16.4	0.3	2.0	-59.6	<=8.0
2405.65	18.4	16.4	0.0	2.0	-59.9	<=8.0
2405.70	18.1	16.4	-0.3	2.0	-60.2	<=8.0
2405.75	17.8	16.4	-0.6	2.0	-60.5	<=8.0
2405.80	17.5	16.4	-0.9	2.0	-60.8	<=8.0
2405.85	17.4	16.4	-1.0	2.0	-60.9	<=8.0

11Mbps CHANNEL 1 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 (%)
2405.90	17.0	16.4	-1.4	2.0	-61.3	<=8.0
2405.95	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2406.00	17.0	16.4	-1.4	2.0	-61.3	<=8.0
2406.05	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2406.10	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2406.15	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2406.20	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2406.25	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2406.30	16.6	16.4	-1.8	2.0	-61.7	<=8.0
2406.35	16.3	16.4	-2.1	2.0	-62.0	<=8.0
2406.40	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2406.45	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2406.50	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2406.55	15.6	16.4	-2.8	2.0	-62.7	<=8.0
2406.60	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2406.65	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2406.70	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2406.75	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2406.80	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2406.85	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2406.90	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2406.95	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2407.00	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2407.05	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2407.10	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2407.15	15.2	16.4	-3.2	2.0	-63.1	<=8.0
2407.20	14.9	16.4	-3.5	2.0	-63.4	<=8.0
2407.25	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2407.30	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2407.35	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2407.40	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2407.45	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2407.50	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2407.55	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2407.60	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2407.65	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2407.70	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2407.75	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2407.80	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2407.85	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2407.90	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2407.95	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2408.00	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2408.05	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2408.10	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2408.15	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2408.20	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2408.25	13.8	16.4	-4.6	2.0	-64.5	<=8.0

11Mbps CHANNEL 1 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 (%)
2408.30	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2408.35	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2408.40	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2408.45	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2408.50	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2408.55	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2408.60	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2408.65	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2408.70	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2408.75	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2408.80	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2408.85	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2408.90	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2408.95	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2409.00	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2409.05	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2409.10	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2409.15	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2409.20	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2409.25	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2409.30	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2409.35	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2409.40	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2409.45	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2409.50	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2409.55	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2409.60	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2409.65	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2409.70	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2409.75	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2409.80	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2409.85	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2409.90	12.1	16.4	-6.3	2.0	-66.2	<=8.0
2409.95	12.0	16.4	-6.4	2.0	-66.3	<=8.0
2410.00	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2410.05	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2410.10	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2410.15	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2410.20	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2410.25	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2410.30	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2410.35	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2410.40	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2410.45	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2410.50	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2410.55	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2410.60	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2410.65	12.6	16.4	-5.8	2.0	-65.7	<=8.0

11Mbps CHANNEL 1 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 (%)
2410.70	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2410.75	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2410.80	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2410.85	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2410.90	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2410.95	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2411.00	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2411.05	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2411.10	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2411.15	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2411.20	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2411.25	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2411.30	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2411.35	11.8	16.4	-6.6	2.0	-66.5	<=8.0
2411.40	11.9	16.4	-6.5	2.0	-66.4	<=8.0
2411.45	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2411.50	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2411.55	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2411.60	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2411.65	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2411.70	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2411.75	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2411.80	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2411.85	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2411.90	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2411.95	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2412.00	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2412.05	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2412.10	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2412.15	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2412.20	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2412.25	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2412.30	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2412.35	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2412.40	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2412.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2412.50	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2412.55	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2412.60	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2412.65	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2412.70	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2412.75	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2412.80	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2412.85	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2412.90	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2412.95	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2413.00	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2413.05	12.7	16.4	-5.7	2.0	-65.6	<=8.0

11Mbps CHANNEL 1 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 (%)
2413.10	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2413.15	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2413.20	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2413.25	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2413.30	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2413.35	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2413.40	12.1	16.4	-6.3	2.0	-66.2	<=8.0
2413.45	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2413.50	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2413.55	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2413.60	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2413.65	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2413.70	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2413.75	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2413.80	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2413.85	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2413.90	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2413.95	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.00	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.05	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.10	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2414.15	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2414.20	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2414.25	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.30	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2414.35	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2414.40	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.45	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2414.50	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2414.55	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2414.60	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2414.65	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2414.70	12.1	16.4	-6.3	2.0	-66.2	<=8.0
2414.75	12.0	16.4	-6.4	2.0	-66.3	<=8.0
2414.80	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2414.85	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2414.90	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2414.95	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2415.00	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2415.05	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2415.10	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2415.15	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2415.20	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2415.25	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2415.30	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2415.35	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2415.40	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2415.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0

11Mbps CHANNEL 1 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 (%)
2415.50	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2415.55	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2415.60	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2415.65	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2415.70	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2415.75	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2415.80	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2415.85	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2415.90	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2415.95	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2416.00	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2416.05	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2416.10	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2416.15	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2416.20	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2416.25	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2416.30	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2416.35	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2416.40	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2416.45	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2416.50	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2416.55	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2416.60	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2416.65	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2416.70	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2416.75	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2416.80	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2416.85	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2416.90	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2416.95	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2417.00	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2417.05	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2417.10	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2417.15	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2417.20	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2417.25	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2417.30	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2417.35	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2417.40	14.9	16.4	-3.5	2.0	-63.4	<=8.0
2417.45	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2417.50	15.2	16.4	-3.2	2.0	-63.1	<=8.0
2417.55	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2417.60	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2417.65	15.2	16.4	-3.2	2.0	-63.1	<=8.0
2417.70	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2417.75	15.6	16.4	-2.8	2.0	-62.7	<=8.0
2417.80	15.6	16.4	-2.8	2.0	-62.7	<=8.0
2417.85	15.9	16.4	-2.5	2.0	-62.4	<=8.0

11Mbps CHANNEL 1 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 (%)
2417.90	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2417.95	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2418.00	16.2	16.4	-2.2	2.0	-62.1	<=8.0
2418.05	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2418.10	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2418.15	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2418.20	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2418.25	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2418.30	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2418.35	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2418.40	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2418.45	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2418.50	17.1	16.4	-1.3	2.0	-61.2	<=8.0
2418.55	17.8	16.4	-0.6	2.0	-60.5	<=8.0
2418.60	17.6	16.4	-0.8	2.0	-60.7	<=8.0
2418.65	18.2	16.4	-0.2	2.0	-60.1	<=8.0
2418.70	18.1	16.4	-0.3	2.0	-60.2	<=8.0
2418.75	18.3	16.4	-0.1	2.0	-60.0	<=8.0
2418.80	18.5	16.4	0.1	2.0	-59.8	<=8.0
2418.85	18.6	16.4	0.2	2.0	-59.7	<=8.0
2418.90	18.6	16.4	0.2	2.0	-59.7	<=8.0
2418.95	19.3	16.4	0.9	2.0	-59.0	<=8.0
2419.00	19.2	16.4	0.8	2.0	-59.1	<=8.0
2419.05	19.4	16.4	1.0	2.0	-58.9	<=8.0
2419.10	19.6	16.4	1.2	2.0	-58.7	<=8.0
2419.15	19.8	16.4	1.4	2.0	-58.5	<=8.0
2419.20	20.0	16.4	1.6	2.0	-58.3	<=8.0
2419.25	20.4	16.4	2.0	2.0	-57.9	<=8.0
2419.30	20.5	16.4	2.1	2.0	-57.8	<=8.0
2419.35	20.4	16.4	2.0	2.0	-57.9	<=8.0
2419.40	20.6	16.4	2.2	2.0	-57.7	<=8.0
2419.45	21.0	16.4	2.6	2.0	-57.3	<=8.0
2419.50	21.0	16.4	2.6	2.0	-57.3	<=8.0
2419.55	21.4	16.4	3.0	2.0	-56.9	<=8.0
2419.60	21.6	16.4	3.2	2.0	-56.7	<=8.0
2419.65	21.6	16.4	3.2	2.0	-56.7	<=8.0
2419.70	21.9	16.4	3.5	2.0	-56.4	<=8.0
2419.75	23.1	16.4	4.7	2.0	-55.2	<=8.0
2419.80	23.0	16.4	4.6	2.0	-55.3	<=8.0
2419.85	22.9	16.4	4.5	2.0	-55.4	<=8.0
2419.90	22.7	16.4	4.3	2.0	-55.6	<=8.0
2419.95	23.4	16.4	5.0	2.0	-54.9	<=8.0
2420.00	23.5	16.4	5.1	2.0	-54.8	<=8.0
2420.05	23.3	16.4	4.9	2.0	-55.0	<=8.0
2420.10	23.2	16.4	4.8	2.0	-55.1	<=8.0
2420.15	23.1	16.4	4.7	2.0	-55.2	<=8.0
2420.20	22.9	16.4	4.5	2.0	-55.4	<=8.0
2420.25	23.3	16.4	4.9	2.0	-55.0	<=8.0

11Mbps CHANNEL 1 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 (%)
2420.30	23.6	16.4	5.2	2.0	-54.7	<=8.0
2420.35	23.7	16.4	5.3	2.0	-54.6	<=8.0
2420.40	23.8	16.4	5.4	2.0	-54.5	<=8.0
2420.45	23.7	16.4	5.3	2.0	-54.6	<=8.0
2420.50	23.6	16.4	5.2	2.0	-54.7	<=8.0

12.6

Test Conditions

TX Card HWB3163-04 Rev B
S/N 99360038

RX Card ISL36342U-EVAL Rev C1
S/N 01060093

TX Firmware P10002C0, MS11168A3
RX Firmware PU010000, SU010000
Software Ver. 3.0.24

Mode 11 MB Pseudo IBSS
Pkt Size 1024
Pkt Dly 1
Pkt Burst 0

Intersil Chips on Card: HFA38421N
HFA38631N
HFA37831N

Processing Gain (dB)	XMIT level	-59.9
	S/N+Ls	18.4
	Conversion	0.0
PG	offset	Signal Generator Delta
24.6	-8500	6.2
24.0	-8450	5.6
23.3	-8400	4.9
23.1	-8350	4.7
23.3	-8300	4.9
23.9	-8250	5.5
24.1	-8200	5.7
24.3	-8150	5.9
24.3	-8100	5.9
24.2	-8050	5.8
23.9	-8000	5.5
23.6	-7950	5.2
23.5	-7900	5.1
23.4	-7850	5.0
23.5	-7800	5.1
23.9	-7750	5.5
24.1	-7700	5.7
24.1	-7650	5.7
23.3	-7600	4.9
23.2	-7550	4.8
23.1	-7500	4.7
23.0	-7450	4.6
22.5	-7400	4.1
21.9	-7350	3.5
22.3	-7300	3.9
22.3	-7250	3.9
22.0	-7200	3.6
21.7	-7150	3.3
21.4	-7100	3.0
21.1	-7050	2.7
20.9	-7000	2.5
20.8	-6950	2.4
20.2	-6900	1.8
20.1	-6850	1.7
19.8	-6800	1.4
19.3	-6750	0.9
19.1	-6700	0.7
19.0	-6650	0.6
18.9	-6600	0.5
18.8	-6550	0.4
18.8	-6500	0.4
18.8	-6450	0.4
18.7	-6400	0.3
18.4	-6350	0.0
18.1	-6300	-0.3
17.8	-6250	-0.6
17.5	-6200	-0.9

17.4	-6150	-1.0
17.0	-6100	-1.4
16.8	-6050	-1.6
17.0	-6000	-1.4
16.9	-5950	-1.5
16.8	-5900	-1.6
16.7	-5850	-1.7
16.7	-5800	-1.7
16.5	-5750	-1.9
16.6	-5700	-1.8
16.3	-5650	-2.1
15.9	-5600	-2.5
16.1	-5550	-2.3
16.0	-5500	-2.4
15.6	-5450	-2.8
15.5	-5400	-2.9
15.3	-5350	-3.1
15.4	-5300	-3.0
15.3	-5250	-3.1
15.4	-5200	-3.0
15.4	-5150	-3.0
15.3	-5100	-3.1
15.1	-5050	-3.3
15.4	-5000	-3.0
15.3	-4950	-3.1
15.1	-4900	-3.3
15.2	-4850	-3.2
14.9	-4800	-3.5
14.8	-4750	-3.6
14.6	-4700	-3.8
13.9	-4650	-4.5
14.0	-4600	-4.4
13.9	-4550	-4.5
14.1	-4500	-4.3
14.2	-4450	-4.2
14.3	-4400	-4.1
14.4	-4350	-4.0
14.3	-4300	-4.1
14.4	-4250	-4.0
14.5	-4200	-3.9
13.9	-4150	-4.5
14.0	-4100	-4.4
14.2	-4050	-4.2
14.1	-4000	-4.3
14.2	-3950	-4.2
14.0	-3900	-4.4
13.7	-3850	-4.7
13.8	-3800	-4.6
13.8	-3750	-4.6
13.9	-3700	-4.5
13.9	-3650	-4.5
13.8	-3600	-4.6

13.7	-3550	-4.7
13.5	-3500	-4.9
13.7	-3450	-4.7
13.7	-3400	-4.7
13.5	-3350	-4.9
13.4	-3300	-5.0
13.2	-3250	-5.2
13.4	-3200	-5.0
12.8	-3150	-5.6
12.6	-3100	-5.8
12.9	-3050	-5.5
13.2	-3000	-5.2
13.1	-2950	-5.3
13.1	-2900	-5.3
12.9	-2850	-5.5
13.0	-2800	-5.4
12.9	-2750	-5.5
12.8	-2700	-5.6
12.5	-2650	-5.9
12.4	-2600	-6.0
12.3	-2550	-6.1
12.8	-2500	-5.6
12.8	-2450	-5.6
12.7	-2400	-5.7
12.8	-2350	-5.6
12.8	-2300	-5.6
12.5	-2250	-5.9
12.6	-2200	-5.8
12.2	-2150	-6.2
12.1	-2100	-6.3
12.0	-2050	-6.4
12.4	-2000	-6.0
12.4	-1950	-6.0
12.5	-1900	-5.9
12.4	-1850	-6.0
12.5	-1800	-5.9
12.6	-1750	-5.8
12.7	-1700	-5.7
12.6	-1650	-5.8
12.3	-1600	-6.1
12.4	-1550	-6.0
12.7	-1500	-5.7
12.6	-1450	-5.8
12.4	-1400	-6.0
12.6	-1350	-5.8
12.5	-1300	-5.9
12.6	-1250	-5.8
12.5	-1200	-5.9
12.6	-1150	-5.8
12.7	-1100	-5.7
13.0	-1050	-5.4
12.9	-1000	-5.5

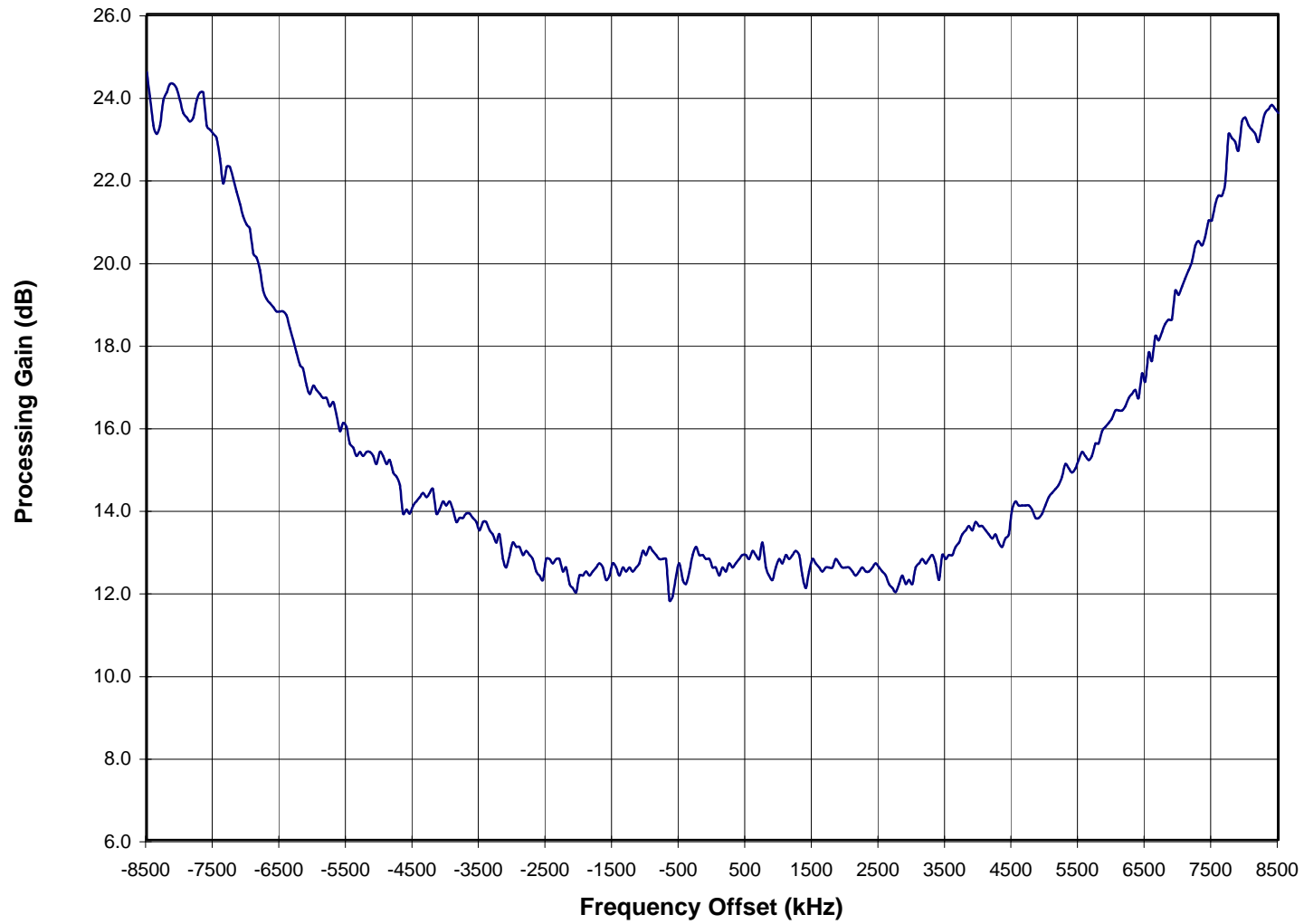
13.1	-950	-5.3
13.0	-900	-5.4
12.9	-850	-5.5
12.8	-800	-5.6
12.8	-750	-5.6
12.8	-700	-5.6
11.8	-650	-6.6
11.9	-600	-6.5
12.4	-550	-6.0
12.7	-500	-5.7
12.3	-450	-6.1
12.2	-400	-6.2
12.5	-350	-5.9
12.9	-300	-5.5
13.1	-250	-5.3
12.9	-200	-5.5
12.9	-150	-5.5
12.8	-100	-5.6
12.8	-50	-5.6
12.6	0	-5.8
12.6	50	-5.8
12.4	100	-6.0
12.6	150	-5.8
12.5	200	-5.9
12.7	250	-5.7
12.6	300	-5.8
12.7	350	-5.7
12.8	400	-5.6
12.9	450	-5.5
12.9	500	-5.5
12.8	550	-5.6
13.0	600	-5.4
12.9	650	-5.5
12.8	700	-5.6
13.2	750	-5.2
12.6	800	-5.8
12.4	850	-6.0
12.3	900	-6.1
12.6	950	-5.8
12.8	1000	-5.6
12.7	1050	-5.7
12.9	1100	-5.5
12.8	1150	-5.6
12.9	1200	-5.5
13.0	1250	-5.4
12.9	1300	-5.5
12.4	1350	-6.0
12.1	1400	-6.3
12.5	1450	-5.9
12.8	1500	-5.6
12.7	1550	-5.7
12.6	1600	-5.8

12.5	1650	-5.9
12.6	1700	-5.8
12.6	1750	-5.8
12.6	1800	-5.8
12.8	1850	-5.6
12.7	1900	-5.7
12.6	1950	-5.8
12.6	2000	-5.8
12.6	2050	-5.8
12.5	2100	-5.9
12.4	2150	-6.0
12.5	2200	-5.9
12.6	2250	-5.8
12.5	2300	-5.9
12.5	2350	-5.9
12.6	2400	-5.8
12.7	2450	-5.7
12.6	2500	-5.8
12.5	2550	-5.9
12.4	2600	-6.0
12.2	2650	-6.2
12.1	2700	-6.3
12.0	2750	-6.4
12.2	2800	-6.2
12.4	2850	-6.0
12.2	2900	-6.2
12.3	2950	-6.1
12.2	3000	-6.2
12.6	3050	-5.8
12.7	3100	-5.7
12.8	3150	-5.6
12.7	3200	-5.7
12.8	3250	-5.6
12.9	3300	-5.5
12.7	3350	-5.7
12.3	3400	-6.1
12.9	3450	-5.5
12.8	3500	-5.6
12.9	3550	-5.5
12.9	3600	-5.5
13.1	3650	-5.3
13.2	3700	-5.2
13.4	3750	-5.0
13.5	3800	-4.9
13.6	3850	-4.8
13.5	3900	-4.9
13.7	3950	-4.7
13.6	4000	-4.8
13.6	4050	-4.8
13.5	4100	-4.9
13.4	4150	-5.0
13.3	4200	-5.1

13.4	4250	-5.0
13.2	4300	-5.2
13.1	4350	-5.3
13.3	4400	-5.1
13.4	4450	-5.0
14.0	4500	-4.4
14.2	4550	-4.2
14.1	4600	-4.3
14.1	4650	-4.3
14.1	4700	-4.3
14.1	4750	-4.3
14.0	4800	-4.4
13.8	4850	-4.6
13.8	4900	-4.6
13.9	4950	-4.5
14.1	5000	-4.3
14.3	5050	-4.1
14.4	5100	-4.0
14.5	5150	-3.9
14.6	5200	-3.8
14.8	5250	-3.6
15.1	5300	-3.3
15.0	5350	-3.4
14.9	5400	-3.5
15.0	5450	-3.4
15.2	5500	-3.2
15.4	5550	-3.0
15.3	5600	-3.1
15.2	5650	-3.2
15.3	5700	-3.1
15.6	5750	-2.8
15.6	5800	-2.8
15.9	5850	-2.5
16.0	5900	-2.4
16.1	5950	-2.3
16.2	6000	-2.2
16.4	6050	-2.0
16.4	6100	-2.0
16.4	6150	-2.0
16.5	6200	-1.9
16.7	6250	-1.7
16.8	6300	-1.6
16.9	6350	-1.5
16.7	6400	-1.7
17.3	6450	-1.1
17.1	6500	-1.3
17.8	6550	-0.6
17.6	6600	-0.8
18.2	6650	-0.2
18.1	6700	-0.3
18.3	6750	-0.1
18.5	6800	0.1

18.6	6850	0.2
18.6	6900	0.2
19.3	6950	0.9
19.2	7000	0.8
19.4	7050	1.0
19.6	7100	1.2
19.8	7150	1.4
20.0	7200	1.6
20.4	7250	2.0
20.5	7300	2.1
20.4	7350	2.0
20.6	7400	2.2
21.0	7450	2.6
21.0	7500	2.6
21.4	7550	3.0
21.6	7600	3.2
21.6	7650	3.2
21.9	7700	3.5
23.1	7750	4.7
23.0	7800	4.6
22.9	7850	4.5
22.7	7900	4.3
23.4	7950	5.0
23.5	8000	5.1
23.3	8050	4.9
23.2	8100	4.8
23.1	8150	4.7
22.9	8200	4.5
23.3	8250	4.9
23.6	8300	5.2
23.7	8350	5.3
23.8	8400	5.4
23.7	8450	5.3
23.6	8500	5.2
12.6	Processing Gain (dB) @ 80th Percentile =	

Processing Gain Channel 1 (fc=2412Mhz) @ 11Mbps



Processing Gain

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1Mbps 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)	(%)
2428.50	19.1	10.3	6.8	2.0	-53.1	<=8.0
2428.55	18.4	10.3	6.1	2.0	-53.8	<=8.0
2428.60	17.9	10.3	5.6	2.0	-54.3	<=8.0
2428.65	17.6	10.3	5.3	2.0	-54.6	<=8.0
2428.70	17.8	10.3	5.5	2.0	-54.4	<=8.0
2428.75	18.1	10.3	5.8	2.0	-54.1	<=8.0
2428.80	18.7	10.3	6.4	2.0	-53.5	<=8.0
2428.85	19.0	10.3	6.7	2.0	-53.2	<=8.0
2428.90	18.9	10.3	6.6	2.0	-53.3	<=8.0
2428.95	18.8	10.3	6.5	2.0	-53.4	<=8.0
2429.00	18.6	10.3	6.3	2.0	-53.6	<=8.0
2429.05	18.4	10.3	6.1	2.0	-53.8	<=8.0
2429.10	18.3	10.3	6.0	2.0	-53.9	<=8.0
2429.15	18.3	10.3	6.0	2.0	-53.9	<=8.0
2429.20	18.3	10.3	6.0	2.0	-53.9	<=8.0
2429.25	18.5	10.3	6.2	2.0	-53.7	<=8.0
2429.30	18.8	10.3	6.5	2.0	-53.4	<=8.0
2429.35	19.0	10.3	6.7	2.0	-53.2	<=8.0
2429.40	19.1	10.3	6.8	2.0	-53.1	<=8.0
2429.45	18.8	10.3	6.5	2.0	-53.4	<=8.0
2429.50	18.4	10.3	6.1	2.0	-53.8	<=8.0
2429.55	17.8	10.3	5.5	2.0	-54.4	<=8.0
2429.60	17.1	10.3	4.8	2.0	-55.1	<=8.0
2429.65	16.9	10.3	4.6	2.0	-55.3	<=8.0
2429.70	17.0	10.3	4.7	2.0	-55.2	<=8.0
2429.75	17.4	10.3	5.1	2.0	-54.8	<=8.0
2429.80	17.8	10.3	5.5	2.0	-54.4	<=8.0
2429.85	17.9	10.3	5.6	2.0	-54.3	<=8.0
2429.90	17.8	10.3	5.5	2.0	-54.4	<=8.0
2429.95	17.6	10.3	5.3	2.0	-54.6	<=8.0
2430.00	17.4	10.3	5.1	2.0	-54.8	<=8.0
2430.05	17.1	10.3	4.8	2.0	-55.1	<=8.0
2430.10	17.2	10.3	4.9	2.0	-55.0	<=8.0
2430.15	17.2	10.3	4.9	2.0	-55.0	<=8.0
2430.20	17.4	10.3	5.1	2.0	-54.8	<=8.0
2430.25	17.8	10.3	5.5	2.0	-54.4	<=8.0
2430.30	18.2	10.3	5.9	2.0	-54.0	<=8.0
2430.35	18.3	10.3	6.0	2.0	-53.9	<=8.0
2430.40	18.4	10.3	6.1	2.0	-53.8	<=8.0
2430.45	18.1	10.3	5.8	2.0	-54.1	<=8.0
2430.50	17.6	10.3	5.3	2.0	-54.6	<=8.0
2430.55	17.0	10.3	4.7	2.0	-55.2	<=8.0
2430.60	16.3	10.3	4.0	2.0	-55.9	<=8.0
2430.65	15.9	10.3	3.6	2.0	-56.3	<=8.0
2430.70	15.8	10.3	3.5	2.0	-56.4	<=8.0
2430.75	16.0	10.3	3.7	2.0	-56.2	<=8.0
2430.80	16.4	10.3	4.1	2.0	-55.8	<=8.0
2430.85	16.4	10.3	4.1	2.0	-55.8	<=8.0

Processing Gain

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1Mbps 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)	(%)
2430.90	16.4	10.3	4.1	2.0	-55.8	<=8.0
2430.95	16.2	10.3	3.9	2.0	-56.0	<=8.0
2431.00	16.3	10.3	4.0	2.0	-55.9	<=8.0
2431.05	16.1	10.3	3.8	2.0	-56.1	<=8.0
2431.10	16.1	10.3	3.8	2.0	-56.1	<=8.0
2431.15	16.5	10.3	4.2	2.0	-55.7	<=8.0
2431.20	17.0	10.3	4.7	2.0	-55.2	<=8.0
2431.25	17.8	10.3	5.5	2.0	-54.4	<=8.0
2431.30	18.7	10.3	6.4	2.0	-53.5	<=8.0
2431.35	19.6	10.3	7.3	2.0	-52.6	<=8.0
2431.40	18.6	10.3	6.3	2.0	-53.6	<=8.0
2431.45	21.7	10.3	9.4	2.0	-50.5	<=8.0
2431.50	22.9	10.3	10.6	2.0	-49.3	<=8.0
2431.55	24.1	10.3	11.8	2.0	-48.1	<=8.0
2431.60	25.1	10.3	12.8	2.0	-47.1	<=8.0
2431.65	25.6	10.3	13.3	2.0	-46.6	<=8.0
2431.70	24.9	10.3	12.6	2.0	-47.3	<=8.0
2431.75	23.9	10.3	11.6	2.0	-48.3	<=8.0
2431.80	22.5	10.3	10.2	2.0	-49.7	<=8.0
2431.85	21.2	10.3	8.9	2.0	-51.0	<=8.0
2431.90	19.9	10.3	7.6	2.0	-52.3	<=8.0
2431.95	18.8	10.3	6.5	2.0	-53.4	<=8.0
2432.00	18.0	10.3	5.7	2.0	-54.2	<=8.0
2432.05	17.2	10.3	4.9	2.0	-55.0	<=8.0
2432.10	16.5	10.3	4.2	2.0	-55.7	<=8.0
2432.15	16.0	10.3	3.7	2.0	-56.2	<=8.0
2432.20	15.6	10.3	3.3	2.0	-56.6	<=8.0
2432.25	15.5	10.3	3.2	2.0	-56.7	<=8.0
2432.30	15.5	10.3	3.2	2.0	-56.7	<=8.0
2432.35	15.3	10.3	3.0	2.0	-56.9	<=8.0
2432.40	15.4	10.3	3.1	2.0	-56.8	<=8.0
2432.45	15.1	10.3	2.8	2.0	-57.1	<=8.0
2432.50	15.2	10.3	2.9	2.0	-57.0	<=8.0
2432.55	15.1	10.3	2.8	2.0	-57.1	<=8.0
2432.60	14.9	10.3	2.6	2.0	-57.3	<=8.0
2432.65	15.0	10.3	2.7	2.0	-57.2	<=8.0
2432.70	15.3	10.3	3.0	2.0	-56.9	<=8.0
2432.75	16.1	10.3	3.8	2.0	-56.1	<=8.0
2432.80	16.1	10.3	3.8	2.0	-56.1	<=8.0
2432.85	16.3	10.3	4.0	2.0	-55.9	<=8.0
2432.90	16.5	10.3	4.2	2.0	-55.7	<=8.0
2432.95	16.4	10.3	4.1	2.0	-55.8	<=8.0
2433.00	16.2	10.3	3.9	2.0	-56.0	<=8.0
2433.05	16.0	10.3	3.7	2.0	-56.2	<=8.0
2433.10	15.1	10.3	2.8	2.0	-57.1	<=8.0
2433.15	15.5	10.3	3.2	2.0	-56.7	<=8.0
2433.20	15.2	10.3	2.9	2.0	-57.0	<=8.0
2433.25	15.2	10.3	2.9	2.0	-57.0	<=8.0

Processing Gain

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1Mbps 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)	(%)
2433.30	15.0	10.3	2.7	2.0	-57.2	<=8.0
2433.35	14.9	10.3	2.6	2.0	-57.3	<=8.0
2433.40	14.9	10.3	2.6	2.0	-57.3	<=8.0
2433.45	15.0	10.3	2.7	2.0	-57.2	<=8.0
2433.50	15.1	10.3	2.8	2.0	-57.1	<=8.0
2433.55	15.0	10.3	2.7	2.0	-57.2	<=8.0
2433.60	14.8	10.3	2.5	2.0	-57.4	<=8.0
2433.65	14.9	10.3	2.6	2.0	-57.3	<=8.0
2433.70	15.0	10.3	2.7	2.0	-57.2	<=8.0
2433.75	15.4	10.3	3.1	2.0	-56.8	<=8.0
2433.80	13.6	10.3	1.3	2.0	-58.6	<=8.0
2433.85	13.5	10.3	1.2	2.0	-58.7	<=8.0
2433.90	13.4	10.3	1.1	2.0	-58.8	<=8.0
2433.95	13.7	10.3	1.4	2.0	-58.5	<=8.0
2434.00	13.6	10.3	1.3	2.0	-58.6	<=8.0
2434.05	13.6	10.3	1.3	2.0	-58.6	<=8.0
2434.10	13.2	10.3	0.9	2.0	-59.0	<=8.0
2434.15	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.20	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.25	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.30	13.1	10.3	0.8	2.0	-59.1	<=8.0
2434.35	13.0	10.3	0.7	2.0	-59.2	<=8.0
2434.40	13.0	10.3	0.7	2.0	-59.2	<=8.0
2434.45	13.0	10.3	0.7	2.0	-59.2	<=8.0
2434.50	12.9	10.3	0.6	2.0	-59.3	<=8.0
2434.55	12.8	10.3	0.5	2.0	-59.4	<=8.0
2434.60	13.0	10.3	0.7	2.0	-59.2	<=8.0
2434.65	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.70	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.75	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.80	13.3	10.3	1.0	2.0	-58.9	<=8.0
2434.85	13.4	10.3	1.1	2.0	-58.8	<=8.0
2434.90	12.9	10.3	0.6	2.0	-59.3	<=8.0
2434.95	13.1	10.3	0.8	2.0	-59.1	<=8.0
2435.00	13.1	10.3	0.8	2.0	-59.1	<=8.0
2435.05	13.1	10.3	0.8	2.0	-59.1	<=8.0
2435.10	13.2	10.3	0.9	2.0	-59.0	<=8.0
2435.15	13.1	10.3	0.8	2.0	-59.1	<=8.0
2435.20	12.8	10.3	0.5	2.0	-59.4	<=8.0
2435.25	12.9	10.3	0.6	2.0	-59.3	<=8.0
2435.30	12.9	10.3	0.6	2.0	-59.3	<=8.0
2435.35	12.9	10.3	0.6	2.0	-59.3	<=8.0
2435.40	12.8	10.3	0.5	2.0	-59.4	<=8.0
2435.45	12.8	10.3	0.5	2.0	-59.4	<=8.0
2435.50	12.8	10.3	0.5	2.0	-59.4	<=8.0
2435.55	12.9	10.3	0.6	2.0	-59.3	<=8.0
2435.60	13.0	10.3	0.7	2.0	-59.2	<=8.0
2435.65	13.1	10.3	0.8	2.0	-59.1	<=8.0

Processing Gain

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1Mbps 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)	(%)
2435.70	13.3	10.3	1.0	2.0	-58.9	<=8.0
2435.75	13.3	10.3	1.0	2.0	-58.9	<=8.0
2435.80	13.5	10.3	1.2	2.0	-58.7	<=8.0
2435.85	13.5	10.3	1.2	2.0	-58.7	<=8.0
2435.90	13.6	10.3	1.3	2.0	-58.6	<=8.0
2435.95	13.7	10.3	1.4	2.0	-58.5	<=8.0
2436.00	13.7	10.3	1.4	2.0	-58.5	<=8.0
2436.05	13.5	10.3	1.2	2.0	-58.7	<=8.0
2436.10	13.4	10.3	1.1	2.0	-58.8	<=8.0
2436.15	13.3	10.3	1.0	2.0	-58.9	<=8.0
2436.20	13.1	10.3	0.8	2.0	-59.1	<=8.0
2436.25	12.9	10.3	0.6	2.0	-59.3	<=8.0
2436.30	12.7	10.3	0.4	2.0	-59.5	<=8.0
2436.35	12.6	10.3	0.3	2.0	-59.6	<=8.0
2436.40	12.7	10.3	0.4	2.0	-59.5	<=8.0
2436.45	12.4	10.3	0.1	2.0	-59.8	<=8.0
2436.50	12.1	10.3	-0.2	2.0	-60.1	<=8.0
2436.55	12.1	10.3	-0.2	2.0	-60.1	<=8.0
2436.60	12.2	10.3	-0.1	2.0	-60.0	<=8.0
2436.65	12.6	10.3	0.3	2.0	-59.6	<=8.0
2436.70	13.1	10.3	0.8	2.0	-59.1	<=8.0
2436.75	13.9	10.3	1.6	2.0	-58.3	<=8.0
2436.80	14.7	10.3	2.4	2.0	-57.5	<=8.0
2436.85	15.4	10.3	3.1	2.0	-56.8	<=8.0
2436.90	16.4	10.3	4.1	2.0	-55.8	<=8.0
2436.95	17.5	10.3	5.2	2.0	-54.7	<=8.0
2437.00	19.0	10.3	6.7	2.0	-53.2	<=8.0
2437.05	20.4	10.3	8.1	2.0	-51.8	<=8.0
2437.10	22.0	10.3	9.7	2.0	-50.2	<=8.0
2437.15	22.7	10.3	10.4	2.0	-49.5	<=8.0
2437.20	21.4	10.3	9.1	2.0	-50.8	<=8.0
2437.25	19.7	10.3	7.4	2.0	-52.5	<=8.0
2437.30	18.4	10.3	6.1	2.0	-53.8	<=8.0
2437.35	17.3	10.3	5.0	2.0	-54.9	<=8.0
2437.40	16.1	10.3	3.8	2.0	-56.1	<=8.0
2437.45	15.1	10.3	2.8	2.0	-57.1	<=8.0
2437.50	14.1	10.3	1.8	2.0	-58.1	<=8.0
2437.55	13.8	10.3	1.5	2.0	-58.4	<=8.0
2437.60	13.2	10.3	0.9	2.0	-59.0	<=8.0
2437.65	12.7	10.3	0.4	2.0	-59.5	<=8.0
2437.70	12.5	10.3	0.2	2.0	-59.7	<=8.0
2437.75	12.4	10.3	0.1	2.0	-59.8	<=8.0
2437.80	12.4	10.3	0.1	2.0	-59.8	<=8.0
2437.85	12.3	10.3	0.0	2.0	-59.9	<=8.0
2437.90	12.0	10.3	-0.3	2.0	-60.2	<=8.0
2437.95	12.2	10.3	-0.1	2.0	-60.0	<=8.0
2438.00	13.1	10.3	0.8	2.0	-59.1	<=8.0
2438.05	13.4	10.3	1.1	2.0	-58.8	<=8.0

Processing Gain

ISL36342U-EVAL

1Mbps 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)	(%)
2438.10	13.8	10.3	1.5	2.0	-58.4	<=8.0
2438.15	14.0	10.3	1.7	2.0	-58.2	<=8.0
2438.20	14.2	10.3	1.9	2.0	-58.0	<=8.0
2438.25	14.5	10.3	2.2	2.0	-57.7	<=8.0
2438.30	14.4	10.3	2.1	2.0	-57.8	<=8.0
2438.35	14.4	10.3	2.1	2.0	-57.8	<=8.0
2438.40	14.5	10.3	2.2	2.0	-57.7	<=8.0
2438.45	14.4	10.3	2.1	2.0	-57.8	<=8.0
2438.50	14.3	10.3	2.0	2.0	-57.9	<=8.0
2438.55	14.2	10.3	1.9	2.0	-58.0	<=8.0
2438.60	14.1	10.3	1.8	2.0	-58.1	<=8.0
2438.65	13.9	10.3	1.6	2.0	-58.3	<=8.0
2438.70	13.9	10.3	1.6	2.0	-58.3	<=8.0
2438.75	13.9	10.3	1.6	2.0	-58.3	<=8.0
2438.80	13.8	10.3	1.5	2.0	-58.4	<=8.0
2438.85	13.8	10.3	1.5	2.0	-58.4	<=8.0
2438.90	13.6	10.3	1.3	2.0	-58.6	<=8.0
2438.95	13.7	10.3	1.4	2.0	-58.5	<=8.0
2439.00	13.5	10.3	1.2	2.0	-58.7	<=8.0
2439.05	13.8	10.3	1.5	2.0	-58.4	<=8.0
2439.10	13.7	10.3	1.4	2.0	-58.5	<=8.0
2439.15	14.0	10.3	1.7	2.0	-58.2	<=8.0
2439.20	14.1	10.3	1.8	2.0	-58.1	<=8.0
2439.25	14.3	10.3	2.0	2.0	-57.9	<=8.0
2439.30	14.1	10.3	1.8	2.0	-58.1	<=8.0
2439.35	14.1	10.3	1.8	2.0	-58.1	<=8.0
2439.40	14.2	10.3	1.9	2.0	-58.0	<=8.0
2439.45	14.3	10.3	2.0	2.0	-57.9	<=8.0
2439.50	14.0	10.3	1.7	2.0	-58.2	<=8.0
2439.55	14.0	10.3	1.7	2.0	-58.2	<=8.0
2439.60	13.9	10.3	1.6	2.0	-58.3	<=8.0
2439.65	13.9	10.3	1.6	2.0	-58.3	<=8.0
2439.70	13.8	10.3	1.5	2.0	-58.4	<=8.0
2439.75	13.7	10.3	1.4	2.0	-58.5	<=8.0
2439.80	13.7	10.3	1.4	2.0	-58.5	<=8.0
2439.85	13.8	10.3	1.5	2.0	-58.4	<=8.0
2439.90	13.6	10.3	1.3	2.0	-58.6	<=8.0
2439.95	13.8	10.3	1.5	2.0	-58.4	<=8.0
2440.00	13.6	10.3	1.3	2.0	-58.6	<=8.0
2440.05	13.7	10.3	1.4	2.0	-58.5	<=8.0
2440.10	13.7	10.3	1.4	2.0	-58.5	<=8.0
2440.15	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.20	14.2	10.3	1.9	2.0	-58.0	<=8.0
2440.25	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.30	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.35	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.40	14.5	10.3	2.2	2.0	-57.7	<=8.0
2440.45	14.7	10.3	2.4	2.0	-57.5	<=8.0

Processing Gain

ISL36342U-EVAL

1Mbps 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)	(%)
2440.50	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.55	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.60	14.0	10.3	1.7	2.0	-58.2	<=8.0
2440.65	13.9	10.3	1.6	2.0	-58.3	<=8.0
2440.70	14.1	10.3	1.8	2.0	-58.1	<=8.0
2440.75	14.2	10.3	1.9	2.0	-58.0	<=8.0
2440.80	14.3	10.3	2.0	2.0	-57.9	<=8.0
2440.85	14.2	10.3	1.9	2.0	-58.0	<=8.0
2440.90	14.2	10.3	1.9	2.0	-58.0	<=8.0
2440.95	14.3	10.3	2.0	2.0	-57.9	<=8.0
2441.00	14.4	10.3	2.1	2.0	-57.8	<=8.0
2441.05	14.2	10.3	1.9	2.0	-58.0	<=8.0
2441.10	14.1	10.3	1.8	2.0	-58.1	<=8.0
2441.15	14.7	10.3	2.4	2.0	-57.5	<=8.0
2441.20	14.8	10.3	2.5	2.0	-57.4	<=8.0
2441.25	15.1	10.3	2.8	2.0	-57.1	<=8.0
2441.30	15.3	10.3	3.0	2.0	-56.9	<=8.0
2441.35	15.2	10.3	2.9	2.0	-57.0	<=8.0
2441.40	15.4	10.3	3.1	2.0	-56.8	<=8.0
2441.45	15.4	10.3	3.1	2.0	-56.8	<=8.0
2441.50	15.3	10.3	3.0	2.0	-56.9	<=8.0
2441.55	15.1	10.3	2.8	2.0	-57.1	<=8.0
2441.60	14.5	10.3	2.2	2.0	-57.7	<=8.0
2441.65	14.3	10.3	2.0	2.0	-57.9	<=8.0
2441.70	14.1	10.3	1.8	2.0	-58.1	<=8.0
2441.75	14.5	10.3	2.2	2.0	-57.7	<=8.0
2441.80	14.6	10.3	2.3	2.0	-57.6	<=8.0
2441.85	14.5	10.3	2.2	2.0	-57.7	<=8.0
2441.90	14.4	10.3	2.1	2.0	-57.8	<=8.0
2441.95	14.3	10.3	2.0	2.0	-57.9	<=8.0
2442.00	14.6	10.3	2.3	2.0	-57.6	<=8.0
2442.05	14.5	10.3	2.2	2.0	-57.7	<=8.0
2442.10	14.7	10.3	2.4	2.0	-57.5	<=8.0
2442.15	15.1	10.3	2.8	2.0	-57.1	<=8.0
2442.20	15.7	10.3	3.4	2.0	-56.5	<=8.0
2442.25	16.4	10.3	4.1	2.0	-55.8	<=8.0
2442.30	17.3	10.3	5.0	2.0	-54.9	<=8.0
2442.35	17.9	10.3	5.6	2.0	-54.3	<=8.0
2442.40	19.3	10.3	7.0	2.0	-52.9	<=8.0
2442.45	20.5	10.3	8.2	2.0	-51.7	<=8.0
2442.50	21.6	10.3	9.3	2.0	-50.6	<=8.0
2442.55	23.1	10.3	10.8	2.0	-49.1	<=8.0
2442.60	24.0	10.3	11.7	2.0	-48.2	<=8.0
2442.65	24.5	10.3	12.2	2.0	-47.7	<=8.0
2442.70	23.9	10.3	11.6	2.0	-48.3	<=8.0
2442.75	23.1	10.3	10.8	2.0	-49.1	<=8.0
2442.80	21.5	10.3	9.2	2.0	-50.7	<=8.0
2442.85	20.4	10.3	8.1	2.0	-51.8	<=8.0

Processing Gain

ISL36342U-EVAL

1Mbps 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)	(%)
2442.90	19.2	10.3	6.9	2.0	-53.0	<=8.0
2442.95	18.0	10.3	5.7	2.0	-54.2	<=8.0
2443.00	16.9	10.3	4.6	2.0	-55.3	<=8.0
2443.05	16.3	10.3	4.0	2.0	-55.9	<=8.0
2443.10	15.8	10.3	3.5	2.0	-56.4	<=8.0
2443.15	15.3	10.3	3.0	2.0	-56.9	<=8.0
2443.20	15.1	10.3	2.8	2.0	-57.1	<=8.0
2443.25	15.2	10.3	2.9	2.0	-57.0	<=8.0
2443.30	15.5	10.3	3.2	2.0	-56.7	<=8.0
2443.35	15.4	10.3	3.1	2.0	-56.8	<=8.0
2443.40	15.4	10.3	3.1	2.0	-56.8	<=8.0
2443.45	15.4	10.3	3.1	2.0	-56.8	<=8.0
2443.50	15.3	10.3	3.0	2.0	-56.9	<=8.0
2443.55	15.1	10.3	2.8	2.0	-57.1	<=8.0
2443.60	14.7	10.3	2.4	2.0	-57.5	<=8.0
2443.65	14.8	10.3	2.5	2.0	-57.4	<=8.0
2443.70	14.8	10.3	2.5	2.0	-57.4	<=8.0
2443.75	15.2	10.3	2.9	2.0	-57.0	<=8.0
2443.80	16.0	10.3	3.7	2.0	-56.2	<=8.0
2443.85	17.1	10.3	4.8	2.0	-55.1	<=8.0
2443.90	17.2	10.3	4.9	2.0	-55.0	<=8.0
2443.95	17.1	10.3	4.8	2.0	-55.1	<=8.0
2444.00	16.9	10.3	4.6	2.0	-55.3	<=8.0
2444.05	16.6	10.3	4.3	2.0	-55.6	<=8.0
2444.10	16.4	10.3	4.1	2.0	-55.8	<=8.0
2444.15	16.2	10.3	3.9	2.0	-56.0	<=8.0
2444.20	16.2	10.3	3.9	2.0	-56.0	<=8.0
2444.25	16.3	10.3	4.0	2.0	-55.9	<=8.0
2444.30	16.6	10.3	4.3	2.0	-55.6	<=8.0
2444.35	16.6	10.3	4.3	2.0	-55.6	<=8.0
2444.40	16.6	10.3	4.3	2.0	-55.6	<=8.0
2444.45	16.5	10.3	4.2	2.0	-55.7	<=8.0
2444.50	16.3	10.3	4.0	2.0	-55.9	<=8.0
2444.55	15.9	10.3	3.6	2.0	-56.3	<=8.0
2444.60	15.6	10.3	3.3	2.0	-56.6	<=8.0
2444.65	15.7	10.3	3.4	2.0	-56.5	<=8.0
2444.70	16.0	10.3	3.7	2.0	-56.2	<=8.0
2444.75	16.5	10.3	4.2	2.0	-55.7	<=8.0
2444.80	17.3	10.3	5.0	2.0	-54.9	<=8.0
2444.85	17.7	10.3	5.4	2.0	-54.5	<=8.0
2444.90	17.8	10.3	5.5	2.0	-54.4	<=8.0
2444.95	17.7	10.3	5.4	2.0	-54.5	<=8.0
2445.00	17.5	10.3	5.2	2.0	-54.7	<=8.0
2445.05	17.2	10.3	4.9	2.0	-55.0	<=8.0
2445.10	17.1	10.3	4.8	2.0	-55.1	<=8.0
2445.15	16.9	10.3	4.6	2.0	-55.3	<=8.0
2445.20	17.0	10.3	4.7	2.0	-55.2	<=8.0
2445.25	17.2	10.3	4.9	2.0	-55.0	<=8.0

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	17.5	10.3	5.2	2.0	-54.7	<=8.0
2445.35	17.6	10.3	5.3	2.0	-54.6	<=8.0
2445.40	17.7	10.3	5.4	2.0	-54.5	<=8.0
2445.45	17.6	10.3	5.3	2.0	-54.6	<=8.0
2445.50	17.3	10.3	5.0	2.0	-54.9	<=8.0

13.6

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL36342U-EVAL Rev C1**
 S/N **01060093**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **PU010000, SU010000**
 Software Ver. **3.0.24**
 Mode **1 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **6**

Intersil Chips on Card: **HFA38421N**
HFA38631N
HFA37831N
HFA3683A1N
HFA3983IV

Processing Gain (dB)	XMIT level	-59.9
	S/N+Ls	12.3
	0dB J/S	0.0
PG	Offset	Signal Generator Delta
19.1	-8500	6.8
18.4	-8450	6.1
17.9	-8400	5.6
17.6	-8350	5.3
17.8	-8300	5.5
18.1	-8250	5.8
18.7	-8200	6.4
19.0	-8150	6.7
18.9	-8100	6.6
18.8	-8050	6.5
18.6	-8000	6.3
18.4	-7950	6.1
18.3	-7900	6.0
18.3	-7850	6.0
18.3	-7800	6.0
18.5	-7750	6.2
18.8	-7700	6.5
19.0	-7650	6.7
19.1	-7600	6.8
18.8	-7550	6.5
18.4	-7500	6.1
17.8	-7450	5.5
17.1	-7400	4.8
16.9	-7350	4.6
17.0	-7300	4.7
17.4	-7250	5.1
17.8	-7200	5.5
17.9	-7150	5.6
17.8	-7100	5.5
17.6	-7050	5.3
17.4	-7000	5.1
17.1	-6950	4.8
17.2	-6900	4.9
17.2	-6850	4.9
17.4	-6800	5.1
17.8	-6750	5.5
18.2	-6700	5.9
18.3	-6650	6.0
18.4	-6600	6.1
18.1	-6550	5.8
17.6	-6500	5.3
17.0	-6450	4.7
16.3	-6400	4.0
15.9	-6350	3.6
15.8	-6300	3.5
16.0	-6250	3.7
16.4	-6200	4.1

16.4	-6150	4.1
16.4	-6100	4.1
16.2	-6050	3.9
16.3	-6000	4.0
16.1	-5950	3.8
16.1	-5900	3.8
16.5	-5850	4.2
17.0	-5800	4.7
17.8	-5750	5.5
18.7	-5700	6.4
19.6	-5650	7.3
18.6	-5600	6.3
21.7	-5550	9.4
22.9	-5500	10.6
24.1	-5450	11.8
25.1	-5400	12.8
25.6	-5350	13.3
24.9	-5300	12.6
23.9	-5250	11.6
22.5	-5200	10.2
21.2	-5150	8.9
19.9	-5100	7.6
18.8	-5050	6.5
18.0	-5000	5.7
17.2	-4950	4.9
16.5	-4900	4.2
16.0	-4850	3.7
15.6	-4800	3.3
15.5	-4750	3.2
15.5	-4700	3.2
15.3	-4650	3.0
15.4	-4600	3.1
15.1	-4550	2.8
15.2	-4500	2.9
15.1	-4450	2.8
14.9	-4400	2.6
15.0	-4350	2.7
15.3	-4300	3.0
16.1	-4250	3.8
16.1	-4200	3.8
16.3	-4150	4.0
16.5	-4100	4.2
16.4	-4050	4.1
16.2	-4000	3.9
16.0	-3950	3.7
15.1	-3900	2.8
15.5	-3850	3.2
15.2	-3800	2.9
15.2	-3750	2.9
15.0	-3700	2.7
14.9	-3650	2.6
14.9	-3600	2.6

15.0	-3550	2.7
15.1	-3500	2.8
15.0	-3450	2.7
14.8	-3400	2.5
14.9	-3350	2.6
15.0	-3300	2.7
15.4	-3250	3.1
13.6	-3200	1.3
13.5	-3150	1.2
13.4	-3100	1.1
13.7	-3050	1.4
13.6	-3000	1.3
13.6	-2950	1.3
13.2	-2900	0.9
13.3	-2850	1.0
13.3	-2800	1.0
13.3	-2750	1.0
13.1	-2700	0.8
13.0	-2650	0.7
13.0	-2600	0.7
13.0	-2550	0.7
12.9	-2500	0.6
12.8	-2450	0.5
13.0	-2400	0.7
13.3	-2350	1.0
13.3	-2300	1.0
13.3	-2250	1.0
13.3	-2200	1.0
13.4	-2150	1.1
12.9	-2100	0.6
13.1	-2050	0.8
13.1	-2000	0.8
13.1	-1950	0.8
13.2	-1900	0.9
13.1	-1850	0.8
12.8	-1800	0.5
12.9	-1750	0.6
12.9	-1700	0.6
12.9	-1650	0.6
12.8	-1600	0.5
12.8	-1550	0.5
12.8	-1500	0.5
12.9	-1450	0.6
13.0	-1400	0.7
13.1	-1350	0.8
13.3	-1300	1.0
13.3	-1250	1.0
13.5	-1200	1.2
13.5	-1150	1.2
13.6	-1100	1.3
13.7	-1050	1.4
13.7	-1000	1.4

13.5	-950	1.2
13.4	-900	1.1
13.3	-850	1.0
13.1	-800	0.8
12.9	-750	0.6
12.7	-700	0.4
12.6	-650	0.3
12.7	-600	0.4
12.4	-550	0.1
12.1	-500	-0.2
12.1	-450	-0.2
12.2	-400	-0.1
12.6	-350	0.3
13.1	-300	0.8
13.9	-250	1.6
14.7	-200	2.4
15.4	-150	3.1
16.4	-100	4.1
17.5	-50	5.2
19.0	0	6.7
20.4	50	8.1
22.0	100	9.7
22.7	150	10.4
21.4	200	9.1
19.7	250	7.4
18.4	300	6.1
17.3	350	5.0
16.1	400	3.8
15.1	450	2.8
14.1	500	1.8
13.8	550	1.5
13.2	600	0.9
12.7	650	0.4
12.5	700	0.2
12.4	750	0.1
12.4	800	0.1
12.3	850	0.0
12.0	900	-0.3
12.2	950	-0.1
13.1	1000	0.8
13.4	1050	1.1
13.8	1100	1.5
14.0	1150	1.7
14.2	1200	1.9
14.5	1250	2.2
14.4	1300	2.1
14.4	1350	2.1
14.5	1400	2.2
14.4	1450	2.1
14.3	1500	2.0
14.2	1550	1.9
14.1	1600	1.8

13.9	1650	1.6
13.9	1700	1.6
13.9	1750	1.6
13.8	1800	1.5
13.8	1850	1.5
13.6	1900	1.3
13.7	1950	1.4
13.5	2000	1.2
13.8	2050	1.5
13.7	2100	1.4
14.0	2150	1.7
14.1	2200	1.8
14.3	2250	2.0
14.1	2300	1.8
14.1	2350	1.8
14.2	2400	1.9
14.3	2450	2.0
14.0	2500	1.7
14.0	2550	1.7
13.9	2600	1.6
13.9	2650	1.6
13.8	2700	1.5
13.7	2750	1.4
13.7	2800	1.4
13.8	2850	1.5
13.6	2900	1.3
13.8	2950	1.5
13.6	3000	1.3
13.7	3050	1.4
13.7	3100	1.4
14.3	3150	2.0
14.2	3200	1.9
14.3	3250	2.0
14.3	3300	2.0
14.3	3350	2.0
14.5	3400	2.2
14.7	3450	2.4
14.3	3500	2.0
14.3	3550	2.0
14.0	3600	1.7
13.9	3650	1.6
14.1	3700	1.8
14.2	3750	1.9
14.3	3800	2.0
14.2	3850	1.9
14.2	3900	1.9
14.3	3950	2.0
14.4	4000	2.1
14.2	4050	1.9
14.1	4100	1.8
14.7	4150	2.4
14.8	4200	2.5

15.1	4250	2.8
15.3	4300	3.0
15.2	4350	2.9
15.4	4400	3.1
15.4	4450	3.1
15.3	4500	3.0
15.1	4550	2.8
14.5	4600	2.2
14.3	4650	2.0
14.1	4700	1.8
14.5	4750	2.2
14.6	4800	2.3
14.5	4850	2.2
14.4	4900	2.1
14.3	4950	2.0
14.6	5000	2.3
14.5	5050	2.2
14.7	5100	2.4
15.1	5150	2.8
15.7	5200	3.4
16.4	5250	4.1
17.3	5300	5.0
17.9	5350	5.6
19.3	5400	7.0
20.5	5450	8.2
21.6	5500	9.3
23.1	5550	10.8
24.0	5600	11.7
24.5	5650	12.2
23.9	5700	11.6
23.1	5750	10.8
21.5	5800	9.2
20.4	5850	8.1
19.2	5900	6.9
18.0	5950	5.7
16.9	6000	4.6
16.3	6050	4.0
15.8	6100	3.5
15.3	6150	3.0
15.1	6200	2.8
15.2	6250	2.9
15.5	6300	3.2
15.4	6350	3.1
15.4	6400	3.1
15.4	6450	3.1
15.3	6500	3.0
15.1	6550	2.8
14.7	6600	2.4
14.8	6650	2.5
14.8	6700	2.5
15.2	6750	2.9
16.0	6800	3.7

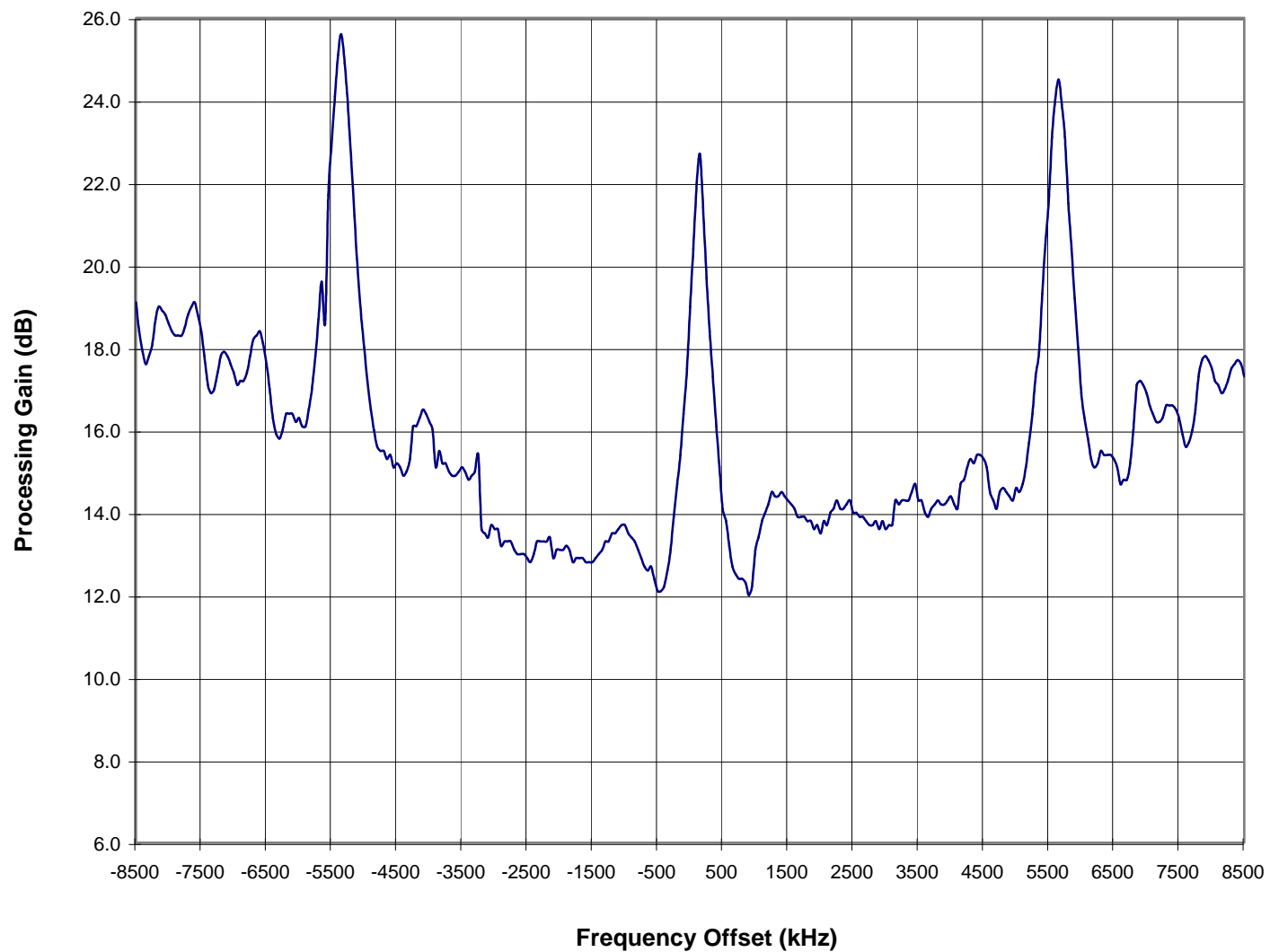
ISL36342U-EVAL, s/n 93
CH6 Processing Gain
1 MB Data Rate

Processing Gain ISL36342U_EVAL rev 2.xls

Measured by:
S. Rothwell

17.1	6850	4.8
17.2	6900	4.9
17.1	6950	4.8
16.9	7000	4.6
16.6	7050	4.3
16.4	7100	4.1
16.2	7150	3.9
16.2	7200	3.9
16.3	7250	4.0
16.6	7300	4.3
16.6	7350	4.3
16.6	7400	4.3
16.5	7450	4.2
16.3	7500	4.0
15.9	7550	3.6
15.6	7600	3.3
15.7	7650	3.4
16.0	7700	3.7
16.5	7750	4.2
17.3	7800	5.0
17.7	7850	5.4
17.8	7900	5.5
17.7	7950	5.4
17.5	8000	5.2
17.2	8050	4.9
17.1	8100	4.8
16.9	8150	4.6
17.0	8200	4.7
17.2	8250	4.9
17.5	8300	5.2
17.6	8350	5.3
17.7	8400	5.4
17.6	8450	5.3
17.3	8500	5.0
Processing Gain (dB) @ 80th Percentile =		13.6

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



Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2428.50	22.4	13.3	7.1	2.0	-52.8	<=8.0
2428.55	21.7	13.3	6.4	2.0	-53.5	<=8.0
2428.60	21.1	13.3	5.8	2.0	-54.1	<=8.0
2428.65	20.9	13.3	5.6	2.0	-54.3	<=8.0
2428.70	21.1	13.3	5.8	2.0	-54.1	<=8.0
2428.75	21.4	13.3	6.1	2.0	-53.8	<=8.0
2428.80	22.0	13.3	6.7	2.0	-53.2	<=8.0
2428.85	22.3	13.3	7.0	2.0	-52.9	<=8.0
2428.90	22.2	13.3	6.9	2.0	-53.0	<=8.0
2428.95	22.1	13.3	6.8	2.0	-53.1	<=8.0
2429.00	21.9	13.3	6.6	2.0	-53.3	<=8.0
2429.05	21.7	13.3	6.4	2.0	-53.5	<=8.0
2429.10	21.5	13.3	6.2	2.0	-53.7	<=8.0
2429.15	21.6	13.3	6.3	2.0	-53.6	<=8.0
2429.20	21.5	13.3	6.2	2.0	-53.7	<=8.0
2429.25	21.9	13.3	6.6	2.0	-53.3	<=8.0
2429.30	22.1	13.3	6.8	2.0	-53.1	<=8.0
2429.35	22.2	13.3	6.9	2.0	-53.0	<=8.0
2429.40	22.0	13.3	6.7	2.0	-53.2	<=8.0
2429.45	21.7	13.3	6.4	2.0	-53.5	<=8.0
2429.50	21.5	13.3	6.2	2.0	-53.7	<=8.0
2429.55	21.0	13.3	5.7	2.0	-54.2	<=8.0
2429.60	20.3	13.3	5.0	2.0	-54.9	<=8.0
2429.65	20.1	13.3	4.8	2.0	-55.1	<=8.0
2429.70	20.3	13.3	5.0	2.0	-54.9	<=8.0
2429.75	20.7	13.3	5.4	2.0	-54.5	<=8.0
2429.80	20.7	13.3	5.4	2.0	-54.5	<=8.0
2429.85	20.5	13.3	5.2	2.0	-54.7	<=8.0
2429.90	20.4	13.3	5.1	2.0	-54.8	<=8.0
2429.95	20.3	13.3	5.0	2.0	-54.9	<=8.0
2430.00	20.6	13.3	5.3	2.0	-54.6	<=8.0
2430.05	20.5	13.3	5.2	2.0	-54.7	<=8.0
2430.10	20.3	13.3	5.0	2.0	-54.9	<=8.0
2430.15	20.1	13.3	4.8	2.0	-55.1	<=8.0
2430.20	20.1	13.3	4.8	2.0	-55.1	<=8.0
2430.25	20.1	13.3	4.8	2.0	-55.1	<=8.0
2430.30	20.0	13.3	4.7	2.0	-55.2	<=8.0
2430.35	19.7	13.3	4.4	2.0	-55.5	<=8.0
2430.40	19.2	13.3	3.9	2.0	-56.0	<=8.0
2430.45	19.1	13.3	3.8	2.0	-56.1	<=8.0
2430.50	19.1	13.3	3.8	2.0	-56.1	<=8.0
2430.55	19.0	13.3	3.7	2.0	-56.2	<=8.0
2430.60	19.1	13.3	3.8	2.0	-56.1	<=8.0
2430.65	18.9	13.3	3.6	2.0	-56.3	<=8.0
2430.70	18.8	13.3	3.5	2.0	-56.4	<=8.0
2430.75	18.1	13.3	2.8	2.0	-57.1	<=8.0
2430.80	17.8	13.3	2.5	2.0	-57.4	<=8.0
2430.85	17.1	13.3	1.8	2.0	-58.1	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2430.90	17.0	13.3	1.7	2.0	-58.2	<=8.0
2430.95	16.9	13.3	1.6	2.0	-58.3	<=8.0
2431.00	16.9	13.3	1.6	2.0	-58.3	<=8.0
2431.05	17.0	13.3	1.7	2.0	-58.2	<=8.0
2431.10	17.1	13.3	1.8	2.0	-58.1	<=8.0
2431.15	17.1	13.3	1.8	2.0	-58.1	<=8.0
2431.20	18.1	13.3	2.8	2.0	-57.1	<=8.0
2431.25	18.0	13.3	2.7	2.0	-57.2	<=8.0
2431.30	19.3	13.3	4.0	2.0	-55.9	<=8.0
2431.35	19.5	13.3	4.2	2.0	-55.7	<=8.0
2431.40	19.8	13.3	4.5	2.0	-55.4	<=8.0
2431.45	22.1	13.3	6.8	2.0	-53.1	<=8.0
2431.50	22.2	13.3	6.9	2.0	-53.0	<=8.0
2431.55	24.3	13.3	9.0	2.0	-50.9	<=8.0
2431.60	25.8	13.3	10.5	2.0	-49.4	<=8.0
2431.65	25.8	13.3	10.5	2.0	-49.4	<=8.0
2431.70	24.6	13.3	9.3	2.0	-50.6	<=8.0
2431.75	22.8	13.3	7.5	2.0	-52.4	<=8.0
2431.80	22.3	13.3	7.0	2.0	-52.9	<=8.0
2431.85	20.4	13.3	5.1	2.0	-54.8	<=8.0
2431.90	18.7	13.3	3.4	2.0	-56.5	<=8.0
2431.95	18.6	13.3	3.3	2.0	-56.6	<=8.0
2432.00	18.5	13.3	3.2	2.0	-56.7	<=8.0
2432.05	18.0	13.3	2.7	2.0	-57.2	<=8.0
2432.10	17.5	13.3	2.2	2.0	-57.7	<=8.0
2432.15	16.5	13.3	1.2	2.0	-58.7	<=8.0
2432.20	15.7	13.3	0.4	2.0	-59.5	<=8.0
2432.25	15.6	13.3	0.3	2.0	-59.6	<=8.0
2432.30	15.6	13.3	0.3	2.0	-59.6	<=8.0
2432.35	15.3	13.3	0.0	2.0	-59.9	<=8.0
2432.40	13.1	13.3	-2.2	2.0	-62.1	<=8.0
2432.45	13.5	13.3	-1.8	2.0	-61.7	<=8.0
2432.50	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2432.55	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2432.60	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2432.65	15.2	13.3	-0.1	2.0	-60.0	<=8.0
2432.70	15.3	13.3	0.0	2.0	-59.9	<=8.0
2432.75	15.6	13.3	0.3	2.0	-59.6	<=8.0
2432.80	15.5	13.3	0.2	2.0	-59.7	<=8.0
2432.85	15.3	13.3	0.0	2.0	-59.9	<=8.0
2432.90	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2432.95	15.3	13.3	0.0	2.0	-59.9	<=8.0
2433.00	15.2	13.3	-0.1	2.0	-60.0	<=8.0
2433.05	15.3	13.3	0.0	2.0	-59.9	<=8.0
2433.10	15.2	13.3	-0.1	2.0	-60.0	<=8.0
2433.15	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2433.20	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2433.25	14.9	13.3	-0.4	2.0	-60.3	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2433.30	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2433.35	13.7	13.3	-1.6	2.0	-61.5	<=8.0
2433.40	12.8	13.3	-2.5	2.0	-62.4	<=8.0
2433.45	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2433.50	13.7	13.3	-1.6	2.0	-61.5	<=8.0
2433.55	14.0	13.3	-1.3	2.0	-61.2	<=8.0
2433.60	14.4	13.3	-0.9	2.0	-60.8	<=8.0
2433.65	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2433.70	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2433.75	14.7	13.3	-0.6	2.0	-60.5	<=8.0
2433.80	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2433.85	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2433.90	13.8	13.3	-1.5	2.0	-61.4	<=8.0
2433.95	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2434.00	16.9	13.3	1.6	2.0	-58.3	<=8.0
2434.05	16.9	13.3	1.6	2.0	-58.3	<=8.0
2434.10	15.3	13.3	0.0	2.0	-59.9	<=8.0
2434.15	14.2	13.3	-1.1	2.0	-61.0	<=8.0
2434.20	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2434.25	15.6	13.3	0.3	2.0	-59.6	<=8.0
2434.30	16.6	13.3	1.3	2.0	-58.6	<=8.0
2434.35	13.2	13.3	-2.1	2.0	-62.0	<=8.0
2434.40	13.2	13.3	-2.1	2.0	-62.0	<=8.0
2434.45	15.3	13.3	0.0	2.0	-59.9	<=8.0
2434.50	15.3	13.3	0.0	2.0	-59.9	<=8.0
2434.55	16.3	13.3	1.0	2.0	-58.9	<=8.0
2434.60	16.0	13.3	0.7	2.0	-59.2	<=8.0
2434.65	16.0	13.3	0.7	2.0	-59.2	<=8.0
2434.70	13.5	13.3	-1.8	2.0	-61.7	<=8.0
2434.75	15.3	13.3	0.0	2.0	-59.9	<=8.0
2434.80	16.4	13.3	1.1	2.0	-58.8	<=8.0
2434.85	14.2	13.3	-1.1	2.0	-61.0	<=8.0
2434.90	13.4	13.3	-1.9	2.0	-61.8	<=8.0
2434.95	15.2	13.3	-0.1	2.0	-60.0	<=8.0
2435.00	15.7	13.3	0.4	2.0	-59.5	<=8.0
2435.05	15.3	13.3	0.0	2.0	-59.9	<=8.0
2435.10	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2435.15	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2435.20	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2435.25	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2435.30	15.3	13.3	0.0	2.0	-59.9	<=8.0
2435.35	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2435.40	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2435.45	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2435.50	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2435.55	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2435.60	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2435.65	13.3	13.3	-2.0	2.0	-61.9	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2435.70	12.5	13.3	-2.8	2.0	-62.7	<=8.0
2435.75	13.5	13.3	-1.8	2.0	-61.7	<=8.0
2435.80	15.9	13.3	0.6	2.0	-59.3	<=8.0
2435.85	14.1	13.3	-1.2	2.0	-61.1	<=8.0
2435.90	12.9	13.3	-2.4	2.0	-62.3	<=8.0
2435.95	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2436.00	15.9	13.3	0.6	2.0	-59.3	<=8.0
2436.05	15.6	13.3	0.3	2.0	-59.6	<=8.0
2436.10	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2436.15	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2436.20	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2436.25	14.7	13.3	-0.6	2.0	-60.5	<=8.0
2436.30	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2436.35	14.3	13.3	-1.0	2.0	-60.9	<=8.0
2436.40	14.1	13.3	-1.2	2.0	-61.1	<=8.0
2436.45	14.3	13.3	-1.0	2.0	-60.9	<=8.0
2436.50	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2436.55	14.7	13.3	-0.6	2.0	-60.5	<=8.0
2436.60	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2436.65	15.2	13.3	-0.1	2.0	-60.0	<=8.0
2436.70	12.9	13.3	-2.4	2.0	-62.3	<=8.0
2436.75	16.3	13.3	1.0	2.0	-58.9	<=8.0
2436.80	17.4	13.3	2.1	2.0	-57.8	<=8.0
2436.85	17.7	13.3	2.4	2.0	-57.5	<=8.0
2436.90	17.0	13.3	1.7	2.0	-58.2	<=8.0
2436.95	20.0	13.3	4.7	2.0	-55.2	<=8.0
2437.00	22.1	13.3	6.8	2.0	-53.1	<=8.0
2437.05	23.6	13.3	8.3	2.0	-51.6	<=8.0
2437.10	24.3	13.3	9.0	2.0	-50.9	<=8.0
2437.15	24.1	13.3	8.8	2.0	-51.1	<=8.0
2437.20	24.0	13.3	8.7	2.0	-51.2	<=8.0
2437.25	22.8	13.3	7.5	2.0	-52.4	<=8.0
2437.30	21.3	13.3	6.0	2.0	-53.9	<=8.0
2437.35	16.9	13.3	1.6	2.0	-58.3	<=8.0
2437.40	18.0	13.3	2.7	2.0	-57.2	<=8.0
2437.45	17.6	13.3	2.3	2.0	-57.6	<=8.0
2437.50	16.9	13.3	1.6	2.0	-58.3	<=8.0
2437.55	16.2	13.3	0.9	2.0	-59.0	<=8.0
2437.60	15.5	13.3	0.2	2.0	-59.7	<=8.0
2437.65	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2437.70	12.1	13.3	-3.2	2.0	-63.1	<=8.0
2437.75	12.7	13.3	-2.6	2.0	-62.5	<=8.0
2437.80	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2437.85	12.7	13.3	-2.6	2.0	-62.5	<=8.0
2437.90	12.0	13.3	-3.3	2.0	-63.2	<=8.0
2437.95	13.5	13.3	-1.8	2.0	-61.7	<=8.0
2438.00	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2438.05	14.5	13.3	-0.8	2.0	-60.7	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2438.10	14.4	13.3	-0.9	2.0	-60.8	<=8.0
2438.15	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2438.20	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2438.25	15.3	13.3	0.0	2.0	-59.9	<=8.0
2438.30	15.7	13.3	0.4	2.0	-59.5	<=8.0
2438.35	15.5	13.3	0.2	2.0	-59.7	<=8.0
2438.40	15.4	13.3	0.1	2.0	-59.8	<=8.0
2438.45	15.6	13.3	0.3	2.0	-59.6	<=8.0
2438.50	15.7	13.3	0.4	2.0	-59.5	<=8.0
2438.55	15.6	13.3	0.3	2.0	-59.6	<=8.0
2438.60	15.3	13.3	0.0	2.0	-59.9	<=8.0
2438.65	12.9	13.3	-2.4	2.0	-62.3	<=8.0
2438.70	12.2	13.3	-3.1	2.0	-63.0	<=8.0
2438.75	13.5	13.3	-1.8	2.0	-61.7	<=8.0
2438.80	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2438.85	13.3	13.3	-2.0	2.0	-61.9	<=8.0
2438.90	12.2	13.3	-3.1	2.0	-63.0	<=8.0
2438.95	13.4	13.3	-1.9	2.0	-61.8	<=8.0
2439.00	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2439.05	14.8	13.3	-0.5	2.0	-60.4	<=8.0
2439.10	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2439.15	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2439.20	14.6	13.3	-0.7	2.0	-60.6	<=8.0
2439.25	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2439.30	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2439.35	14.4	13.3	-0.9	2.0	-60.8	<=8.0
2439.40	14.3	13.3	-1.0	2.0	-60.9	<=8.0
2439.45	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2439.50	15.3	13.3	0.0	2.0	-59.9	<=8.0
2439.55	15.3	13.3	0.0	2.0	-59.9	<=8.0
2439.60	15.4	13.3	0.1	2.0	-59.8	<=8.0
2439.65	13.3	13.3	-2.0	2.0	-61.9	<=8.0
2439.70	12.5	13.3	-2.8	2.0	-62.7	<=8.0
2439.75	14.1	13.3	-1.2	2.0	-61.1	<=8.0
2439.80	12.5	13.3	-2.8	2.0	-62.7	<=8.0
2439.85	12.8	13.3	-2.5	2.0	-62.4	<=8.0
2439.90	11.7	13.3	-3.6	2.0	-63.5	<=8.0
2439.95	13.8	13.3	-1.5	2.0	-61.4	<=8.0
2440.00	13.0	13.3	-2.3	2.0	-62.2	<=8.0
2440.05	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2440.10	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2440.15	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2440.20	14.1	13.3	-1.2	2.0	-61.1	<=8.0
2440.25	15.5	13.3	0.2	2.0	-59.7	<=8.0
2440.30	15.7	13.3	0.4	2.0	-59.5	<=8.0
2440.35	12.6	13.3	-2.7	2.0	-62.6	<=8.0
2440.40	13.0	13.3	-2.3	2.0	-62.2	<=8.0
2440.45	15.7	13.3	0.4	2.0	-59.5	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2440.50	15.5	13.3	0.2	2.0	-59.7	<=8.0
2440.55	16.1	13.3	0.8	2.0	-59.1	<=8.0
2440.60	16.0	13.3	0.7	2.0	-59.2	<=8.0
2440.65	15.5	13.3	0.2	2.0	-59.7	<=8.0
2440.70	13.1	13.3	-2.2	2.0	-62.1	<=8.0
2440.75	13.2	13.3	-2.1	2.0	-62.0	<=8.0
2440.80	14.4	13.3	-0.9	2.0	-60.8	<=8.0
2440.85	13.3	13.3	-2.0	2.0	-61.9	<=8.0
2440.90	12.1	13.3	-3.2	2.0	-63.1	<=8.0
2440.95	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2441.00	14.3	13.3	-1.0	2.0	-60.9	<=8.0
2441.05	14.7	13.3	-0.6	2.0	-60.5	<=8.0
2441.10	14.3	13.3	-1.0	2.0	-60.9	<=8.0
2441.15	13.7	13.3	-1.6	2.0	-61.5	<=8.0
2441.20	15.0	13.3	-0.3	2.0	-60.2	<=8.0
2441.25	16.0	13.3	0.7	2.0	-59.2	<=8.0
2441.30	15.1	13.3	-0.2	2.0	-60.1	<=8.0
2441.35	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2441.40	14.1	13.3	-1.2	2.0	-61.1	<=8.0
2441.45	14.2	13.3	-1.1	2.0	-61.0	<=8.0
2441.50	14.9	13.3	-0.4	2.0	-60.3	<=8.0
2441.55	15.5	13.3	0.2	2.0	-59.7	<=8.0
2441.60	15.5	13.3	0.2	2.0	-59.7	<=8.0
2441.65	15.6	13.3	0.3	2.0	-59.6	<=8.0
2441.70	14.5	13.3	-0.8	2.0	-60.7	<=8.0
2441.75	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2441.80	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2441.85	13.8	13.3	-1.5	2.0	-61.4	<=8.0
2441.90	13.9	13.3	-1.4	2.0	-61.3	<=8.0
2441.95	13.8	13.3	-1.5	2.0	-61.4	<=8.0
2442.00	15.3	13.3	0.0	2.0	-59.9	<=8.0
2442.05	15.4	13.3	0.1	2.0	-59.8	<=8.0
2442.10	15.6	13.3	0.3	2.0	-59.6	<=8.0
2442.15	16.0	13.3	0.7	2.0	-59.2	<=8.0
2442.20	16.3	13.3	1.0	2.0	-58.9	<=8.0
2442.25	18.2	13.3	2.9	2.0	-57.0	<=8.0
2442.30	18.0	13.3	2.7	2.0	-57.2	<=8.0
2442.35	17.7	13.3	2.4	2.0	-57.5	<=8.0
2442.40	19.0	13.3	3.7	2.0	-56.2	<=8.0
2442.45	20.9	13.3	5.6	2.0	-54.3	<=8.0
2442.50	22.5	13.3	7.2	2.0	-52.7	<=8.0
2442.55	24.1	13.3	8.8	2.0	-51.1	<=8.0
2442.60	25.4	13.3	10.1	2.0	-49.8	<=8.0
2442.65	26.7	13.3	11.4	2.0	-48.5	<=8.0
2442.70	25.0	13.3	9.7	2.0	-50.2	<=8.0
2442.75	23.3	13.3	8.0	2.0	-51.9	<=8.0
2442.80	21.3	13.3	6.0	2.0	-53.9	<=8.0
2442.85	19.2	13.3	3.9	2.0	-56.0	<=8.0

Processing Gain

ISL36342U-EVAL

2Mbps 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)	(%)
2442.90	18.6	13.3	3.3	2.0	-56.6	<=8.0
2442.95	18.1	13.3	2.8	2.0	-57.1	<=8.0
2443.00	18.0	13.3	2.7	2.0	-57.2	<=8.0
2443.05	18.0	13.3	2.7	2.0	-57.2	<=8.0
2443.10	17.1	13.3	1.8	2.0	-58.1	<=8.0
2443.15	16.2	13.3	0.9	2.0	-59.0	<=8.0
2443.20	16.3	13.3	1.0	2.0	-58.9	<=8.0
2443.25	16.3	13.3	1.0	2.0	-58.9	<=8.0
2443.30	15.9	13.3	0.6	2.0	-59.3	<=8.0
2443.35	15.6	13.3	0.3	2.0	-59.6	<=8.0
2443.40	15.7	13.3	0.4	2.0	-59.5	<=8.0
2443.45	15.8	13.3	0.5	2.0	-59.4	<=8.0
2443.50	16.3	13.3	1.0	2.0	-58.9	<=8.0
2443.55	16.8	13.3	1.5	2.0	-58.4	<=8.0
2443.60	17.3	13.3	2.0	2.0	-57.9	<=8.0
2443.65	18.0	13.3	2.7	2.0	-57.2	<=8.0
2443.70	17.8	13.3	2.5	2.0	-57.4	<=8.0
2443.75	17.6	13.3	2.3	2.0	-57.6	<=8.0
2443.80	18.0	13.3	2.7	2.0	-57.2	<=8.0
2443.85	18.5	13.3	3.2	2.0	-56.7	<=8.0
2443.90	18.4	13.3	3.1	2.0	-56.8	<=8.0
2443.95	18.4	13.3	3.1	2.0	-56.8	<=8.0
2444.00	18.9	13.3	3.6	2.0	-56.3	<=8.0
2444.05	19.5	13.3	4.2	2.0	-55.7	<=8.0
2444.10	19.1	13.3	3.8	2.0	-56.1	<=8.0
2444.15	18.9	13.3	3.6	2.0	-56.3	<=8.0
2444.20	19.1	13.3	3.8	2.0	-56.1	<=8.0
2444.25	19.4	13.3	4.1	2.0	-55.8	<=8.0
2444.30	19.3	13.3	4.0	2.0	-55.9	<=8.0
2444.35	19.3	13.3	4.0	2.0	-55.9	<=8.0
2444.40	19.5	13.3	4.2	2.0	-55.7	<=8.0
2444.45	19.4	13.3	4.1	2.0	-55.8	<=8.0
2444.50	19.3	13.3	4.0	2.0	-55.9	<=8.0
2444.55	19.2	13.3	3.9	2.0	-56.0	<=8.0
2444.60	19.0	13.3	3.7	2.0	-56.2	<=8.0
2444.65	19.1	13.3	3.8	2.0	-56.1	<=8.0
2444.70	19.6	13.3	4.3	2.0	-55.6	<=8.0
2444.75	20.2	13.3	4.9	2.0	-55.0	<=8.0
2444.80	20.8	13.3	5.5	2.0	-54.4	<=8.0
2444.85	21.1	13.3	5.8	2.0	-54.1	<=8.0
2444.90	21.0	13.3	5.7	2.0	-54.2	<=8.0
2444.95	21.1	13.3	5.8	2.0	-54.1	<=8.0
2445.00	20.8	13.3	5.5	2.0	-54.4	<=8.0
2445.05	20.6	13.3	5.3	2.0	-54.6	<=8.0
2445.10	20.6	13.3	5.3	2.0	-54.6	<=8.0
2445.15	20.5	13.3	5.2	2.0	-54.7	<=8.0
2445.20	20.5	13.3	5.2	2.0	-54.7	<=8.0
2445.25	20.4	13.3	5.1	2.0	-54.8	<=8.0

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	20.7	13.3	5.4	2.0	-54.5	<=8.0
2445.35	21.0	13.3	5.7	2.0	-54.2	<=8.0
2445.40	20.9	13.3	5.6	2.0	-54.3	<=8.0
2445.45	20.9	13.3	5.6	2.0	-54.3	<=8.0
2445.50	20.7	13.3	5.4	2.0	-54.5	<=8.0

14.5

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL36342U-EVAL Rev C1**
 S/N **01060093**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **PU010000, SU010000**
 Software Ver. **3.0.24**
 Mode **2 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **0**

Intersil Chips on Card: **HFA38421N**
HFA38631N
HFA37831N
HFA3683A1N
HFA3983IV

Processing Gain (dB)	XMIT level	-59.9	
	S/N+Ls	15.3	
	0dB J/S	0.0	
PG	Offset	Signal Generator Delta	
22.4	-8500	7.1	
21.7	-8450	6.4	
21.1	-8400	5.8	
20.9	-8350	5.6	
21.1	-8300	5.8	
21.4	-8250	6.1	
22.0	-8200	6.7	
22.3	-8150	7.0	
22.2	-8100	6.9	
22.1	-8050	6.8	
21.9	-8000	6.6	
21.7	-7950	6.4	
21.5	-7900	6.2	
21.6	-7850	6.3	
21.5	-7800	6.2	
21.9	-7750	6.6	
22.1	-7700	6.8	
22.2	-7650	6.9	
22.0	-7600	6.7	
21.7	-7550	6.4	
21.5	-7500	6.2	
21.0	-7450	5.7	
20.3	-7400	5.0	
20.1	-7350	4.8	
20.3	-7300	5.0	
20.7	-7250	5.4	
20.7	-7200	5.4	
20.5	-7150	5.2	
20.4	-7100	5.1	
20.3	-7050	5.0	
20.6	-7000	5.3	
20.5	-6950	5.2	
20.3	-6900	5.0	
20.1	-6850	4.8	
20.1	-6800	4.8	
20.1	-6750	4.8	
20.0	-6700	4.7	
19.7	-6650	4.4	
19.2	-6600	3.9	
19.1	-6550	3.8	
19.1	-6500	3.8	
19.0	-6450	3.7	
19.1	-6400	3.8	
18.9	-6350	3.6	
18.8	-6300	3.5	
18.1	-6250	2.8	
17.8	-6200	2.5	

17.1	-6150	1.8	
17.0	-6100	1.7	
16.9	-6050	1.6	
16.9	-6000	1.6	
17.0	-5950	1.7	
17.1	-5900	1.8	
17.1	-5850	1.8	
18.1	-5800	2.8	
18.0	-5750	2.7	
19.3	-5700	4.0	
19.5	-5650	4.2	
19.8	-5600	4.5	
22.1	-5550	6.8	
22.2	-5500	6.9	
24.3	-5450	9.0	
25.8	-5400	10.5	
25.8	-5350	10.5	
24.6	-5300	9.3	
22.8	-5250	7.5	
22.3	-5200	7.0	
20.4	-5150	5.1	
18.7	-5100	3.4	
18.6	-5050	3.3	
18.5	-5000	3.2	
18.0	-4950	2.7	
17.5	-4900	2.2	
16.5	-4850	1.2	
15.7	-4800	0.4	
15.6	-4750	0.3	
15.6	-4700	0.3	
15.3	-4650	0.0	
13.1	-4600	-2.2	
13.5	-4550	-1.8	
14.6	-4500	-0.7	
14.8	-4450	-0.5	
15.1	-4400	-0.2	
15.2	-4350	-0.1	
15.3	-4300	0.0	
15.6	-4250	0.3	
15.5	-4200	0.2	
15.3	-4150	0.0	
15.1	-4100	-0.2	
15.3	-4050	0.0	
15.2	-4000	-0.1	
15.3	-3950	0.0	
15.2	-3900	-0.1	
15.0	-3850	-0.3	
14.8	-3800	-0.5	
14.9	-3750	-0.4	
14.8	-3700	-0.5	
13.7	-3650	-1.6	
12.8	-3600	-2.5	

15.1	-3550	-0.2	
13.7	-3500	-1.6	
14.0	-3450	-1.3	
14.4	-3400	-0.9	
14.5	-3350	-0.8	
14.5	-3300	-0.8	
14.7	-3250	-0.6	
14.8	-3200	-0.5	
14.9	-3150	-0.4	
13.8	-3100	-1.5	
15.0	-3050	-0.3	
16.9	-3000	1.6	
16.9	-2950	1.6	
15.3	-2900	0.0	
14.2	-2850	-1.1	
14.8	-2800	-0.5	
15.6	-2750	0.3	
16.6	-2700	1.3	
13.2	-2650	-2.1	
13.2	-2600	-2.1	
15.3	-2550	0.0	
15.3	-2500	0.0	
16.3	-2450	1.0	
16.0	-2400	0.7	
16.0	-2350	0.7	
13.5	-2300	-1.8	
15.3	-2250	0.0	
16.4	-2200	1.1	
14.2	-2150	-1.1	
13.4	-2100	-1.9	
15.2	-2050	-0.1	
15.7	-2000	0.4	
15.3	-1950	0.0	
14.9	-1900	-0.4	
15.0	-1850	-0.3	
14.9	-1800	-0.4	
15.1	-1750	-0.2	
15.3	-1700	0.0	
14.8	-1650	-0.5	
14.5	-1600	-0.8	
14.8	-1550	-0.5	
15.0	-1500	-0.3	
15.0	-1450	-0.3	
15.0	-1400	-0.3	
13.3	-1350	-2.0	
12.5	-1300	-2.8	
13.5	-1250	-1.8	
15.9	-1200	0.6	
14.1	-1150	-1.2	
12.9	-1100	-2.4	
13.9	-1050	-1.4	
15.9	-1000	0.6	

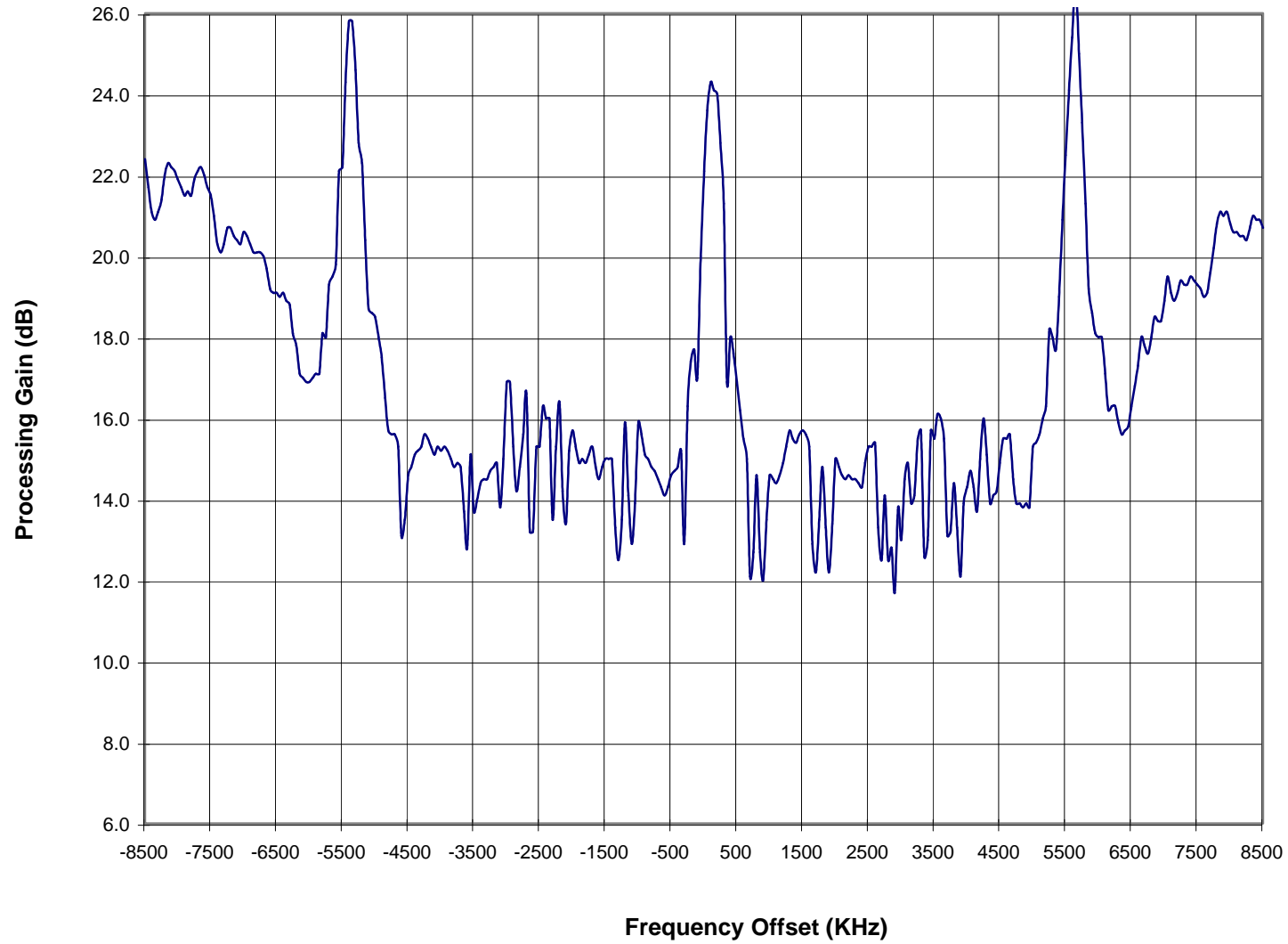
15.6	-950	0.3	
15.1	-900	-0.2	
15.0	-850	-0.3	
14.8	-800	-0.5	
14.7	-750	-0.6	
14.5	-700	-0.8	
14.3	-650	-1.0	
14.1	-600	-1.2	
14.3	-550	-1.0	
14.6	-500	-0.7	
14.7	-450	-0.6	
14.8	-400	-0.5	
15.2	-350	-0.1	
12.9	-300	-2.4	
16.3	-250	1.0	
17.4	-200	2.1	
17.7	-150	2.4	
17.0	-100	1.7	
20.0	-50	4.7	
22.1	0	6.8	
23.6	50	8.3	
24.3	100	9.0	
24.1	150	8.8	
24.0	200	8.7	
22.8	250	7.5	
21.3	300	6.0	
16.9	350	1.6	
18.0	400	2.7	
17.6	450	2.3	
16.9	500	1.6	
16.2	550	0.9	
15.5	600	0.2	
15.0	650	-0.3	
12.1	700	-3.2	
12.7	750	-2.6	
14.6	800	-0.7	
12.7	850	-2.6	
12.0	900	-3.3	
13.5	950	-1.8	
14.6	1000	-0.7	
14.5	1050	-0.8	
14.4	1100	-0.9	
14.6	1150	-0.7	
14.9	1200	-0.4	
15.3	1250	0.0	
15.7	1300	0.4	
15.5	1350	0.2	
15.4	1400	0.1	
15.6	1450	0.3	
15.7	1500	0.4	
15.6	1550	0.3	
15.3	1600	0.0	

12.9	1650	-2.4	
12.2	1700	-3.1	
13.5	1750	-1.8	
14.8	1800	-0.5	
13.3	1850	-2.0	
12.2	1900	-3.1	
13.4	1950	-1.9	
15.0	2000	-0.3	
14.8	2050	-0.5	
14.6	2100	-0.7	
14.5	2150	-0.8	
14.6	2200	-0.7	
14.5	2250	-0.8	
14.5	2300	-0.8	
14.4	2350	-0.9	
14.3	2400	-1.0	
14.9	2450	-0.4	
15.3	2500	0.0	
15.3	2550	0.0	
15.4	2600	0.1	
13.3	2650	-2.0	
12.5	2700	-2.8	
14.1	2750	-1.2	
12.5	2800	-2.8	
12.8	2850	-2.5	
11.7	2900	-3.6	
13.8	2950	-1.5	
13.0	3000	-2.3	
14.5	3050	-0.8	
14.9	3100	-0.4	
13.9	3150	-1.4	
14.1	3200	-1.2	
15.5	3250	0.2	
15.7	3300	0.4	
12.6	3350	-2.7	
13.0	3400	-2.3	
15.7	3450	0.4	
15.5	3500	0.2	
16.1	3550	0.8	
16.0	3600	0.7	
15.5	3650	0.2	
13.1	3700	-2.2	
13.2	3750	-2.1	
14.4	3800	-0.9	
13.3	3850	-2.0	
12.1	3900	-3.2	
13.9	3950	-1.4	
14.3	4000	-1.0	
14.7	4050	-0.6	
14.3	4100	-1.0	
13.7	4150	-1.6	
15.0	4200	-0.3	

16.0	4250	0.7	
15.1	4300	-0.2	
13.9	4350	-1.4	
14.1	4400	-1.2	
14.2	4450	-1.1	
14.9	4500	-0.4	
15.5	4550	0.2	
15.5	4600	0.2	
15.6	4650	0.3	
14.5	4700	-0.8	
13.9	4750	-1.4	
13.9	4800	-1.4	
13.8	4850	-1.5	
13.9	4900	-1.4	
13.8	4950	-1.5	
15.3	5000	0.0	
15.4	5050	0.1	
15.6	5100	0.3	
16.0	5150	0.7	
16.3	5200	1.0	
18.2	5250	2.9	
18.0	5300	2.7	
17.7	5350	2.4	
19.0	5400	3.7	
20.9	5450	5.6	
22.5	5500	7.2	
24.1	5550	8.8	
25.4	5600	10.1	
26.7	5650	11.4	
25.0	5700	9.7	
23.3	5750	8.0	
21.3	5800	6.0	
19.2	5850	3.9	
18.6	5900	3.3	
18.1	5950	2.8	
18.0	6000	2.7	
18.0	6050	2.7	
17.1	6100	1.8	
16.2	6150	0.9	
16.3	6200	1.0	
16.3	6250	1.0	
15.9	6300	0.6	
15.6	6350	0.3	
15.7	6400	0.4	
15.8	6450	0.5	
16.3	6500	1.0	
16.8	6550	1.5	
17.3	6600	2.0	
18.0	6650	2.7	
17.8	6700	2.5	
17.6	6750	2.3	
18.0	6800	2.7	

18.5	6850	3.2	
18.4	6900	3.1	
18.4	6950	3.1	
18.9	7000	3.6	
19.5	7050	4.2	
19.1	7100	3.8	
18.9	7150	3.6	
19.1	7200	3.8	
19.4	7250	4.1	
19.3	7300	4.0	
19.3	7350	4.0	
19.5	7400	4.2	
19.4	7450	4.1	
19.3	7500	4.0	
19.2	7550	3.9	
19.0	7600	3.7	
19.1	7650	3.8	
19.6	7700	4.3	
20.2	7750	4.9	
20.8	7800	5.5	
21.1	7850	5.8	
21.0	7900	5.7	
21.1	7950	5.8	
20.8	8000	5.5	
20.6	8050	5.3	
20.6	8100	5.3	
20.5	8150	5.2	
20.5	8200	5.2	
20.4	8250	5.1	
20.7	8300	5.4	
21.0	8350	5.7	
20.9	8400	5.6	
20.9	8450	5.6	
20.7	8500	5.4	
14.5	Processing Gain (dB) @ 80th Percentile =		

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



Processing Gain

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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)	(%)
2428.50	21.5	13.4	6.1	2.0	-53.8	<=8.0
2428.55	20.7	13.4	5.3	2.0	-54.6	<=8.0
2428.60	20.1	13.4	4.7	2.0	-55.2	<=8.0
2428.65	19.9	13.4	4.5	2.0	-55.4	<=8.0
2428.70	20.1	13.4	4.7	2.0	-55.2	<=8.0
2428.75	20.5	13.4	5.1	2.0	-54.8	<=8.0
2428.80	21.0	13.4	5.6	2.0	-54.3	<=8.0
2428.85	21.3	13.4	5.9	2.0	-54.0	<=8.0
2428.90	21.3	13.4	5.9	2.0	-54.0	<=8.0
2428.95	21.1	13.4	5.7	2.0	-54.2	<=8.0
2429.00	20.9	13.4	5.5	2.0	-54.4	<=8.0
2429.05	20.7	13.4	5.3	2.0	-54.6	<=8.0
2429.10	20.6	13.4	5.2	2.0	-54.7	<=8.0
2429.15	20.6	13.4	5.2	2.0	-54.7	<=8.0
2429.20	20.7	13.4	5.3	2.0	-54.6	<=8.0
2429.25	20.8	13.4	5.4	2.0	-54.5	<=8.0
2429.30	21.2	13.4	5.8	2.0	-54.1	<=8.0
2429.35	21.3	13.4	5.9	2.0	-54.0	<=8.0
2429.40	21.3	13.4	5.9	2.0	-54.0	<=8.0
2429.45	21.2	13.4	5.8	2.0	-54.1	<=8.0
2429.50	20.6	13.4	5.2	2.0	-54.7	<=8.0
2429.55	20.0	13.4	4.6	2.0	-55.3	<=8.0
2429.60	19.6	13.4	4.2	2.0	-55.7	<=8.0
2429.65	19.3	13.4	3.9	2.0	-56.0	<=8.0
2429.70	19.5	13.4	4.1	2.0	-55.8	<=8.0
2429.75	19.8	13.4	4.4	2.0	-55.5	<=8.0
2429.80	20.2	13.4	4.8	2.0	-55.1	<=8.0
2429.85	20.4	13.4	5.0	2.0	-54.9	<=8.0
2429.90	20.2	13.4	4.8	2.0	-55.1	<=8.0
2429.95	20.0	13.4	4.6	2.0	-55.3	<=8.0
2430.00	19.8	13.4	4.4	2.0	-55.5	<=8.0
2430.05	19.6	13.4	4.2	2.0	-55.7	<=8.0
2430.10	19.5	13.4	4.1	2.0	-55.8	<=8.0
2430.15	19.5	13.4	4.1	2.0	-55.8	<=8.0
2430.20	19.7	13.4	4.3	2.0	-55.6	<=8.0
2430.25	20.0	13.4	4.6	2.0	-55.3	<=8.0
2430.30	19.8	13.4	4.4	2.0	-55.5	<=8.0
2430.35	20.0	13.4	4.6	2.0	-55.3	<=8.0
2430.40	20.0	13.4	4.6	2.0	-55.3	<=8.0
2430.45	19.9	13.4	4.5	2.0	-55.4	<=8.0
2430.50	19.7	13.4	4.3	2.0	-55.6	<=8.0
2430.55	19.3	13.4	3.9	2.0	-56.0	<=8.0
2430.60	18.6	13.4	3.2	2.0	-56.7	<=8.0
2430.65	18.2	13.4	2.8	2.0	-57.1	<=8.0
2430.70	18.2	13.4	2.8	2.0	-57.1	<=8.0
2430.75	18.4	13.4	3.0	2.0	-56.9	<=8.0
2430.80	18.7	13.4	3.3	2.0	-56.6	<=8.0
2430.85	18.6	13.4	3.2	2.0	-56.7	<=8.0

Processing Gain

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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	18.4	13.4	3.0	2.0	-56.9	<=8.0
2430.95	17.4	13.4	2.0	2.0	-57.9	<=8.0
2431.00	18.2	13.4	2.8	2.0	-57.1	<=8.0
2431.05	18.2	13.4	2.8	2.0	-57.1	<=8.0
2431.10	17.1	13.4	1.7	2.0	-58.2	<=8.0
2431.15	17.0	13.4	1.6	2.0	-58.3	<=8.0
2431.20	17.0	13.4	1.6	2.0	-58.3	<=8.0
2431.25	17.9	13.4	2.5	2.0	-57.4	<=8.0
2431.30	17.8	13.4	2.4	2.0	-57.5	<=8.0
2431.35	17.8	13.4	2.4	2.0	-57.5	<=8.0
2431.40	17.9	13.4	2.5	2.0	-57.4	<=8.0
2431.45	18.0	13.4	2.6	2.0	-57.3	<=8.0
2431.50	18.1	13.4	2.7	2.0	-57.2	<=8.0
2431.55	18.3	13.4	2.9	2.0	-57.0	<=8.0
2431.60	18.2	13.4	2.8	2.0	-57.1	<=8.0
2431.65	18.1	13.4	2.7	2.0	-57.2	<=8.0
2431.70	17.9	13.4	2.5	2.0	-57.4	<=8.0
2431.75	17.6	13.4	2.2	2.0	-57.7	<=8.0
2431.80	17.4	13.4	2.0	2.0	-57.9	<=8.0
2431.85	17.1	13.4	1.7	2.0	-58.2	<=8.0
2431.90	16.9	13.4	1.5	2.0	-58.4	<=8.0
2431.95	16.6	13.4	1.2	2.0	-58.7	<=8.0
2432.00	16.5	13.4	1.1	2.0	-58.8	<=8.0
2432.05	16.5	13.4	1.1	2.0	-58.8	<=8.0
2432.10	16.3	13.4	0.9	2.0	-59.0	<=8.0
2432.15	15.8	13.4	0.4	2.0	-59.5	<=8.0
2432.20	15.3	13.4	-0.1	2.0	-60.0	<=8.0
2432.25	16.1	13.4	0.7	2.0	-59.2	<=8.0
2432.30	16.1	13.4	0.7	2.0	-59.2	<=8.0
2432.35	16.0	13.4	0.6	2.0	-59.3	<=8.0
2432.40	16.1	13.4	0.7	2.0	-59.2	<=8.0
2432.45	16.3	13.4	0.9	2.0	-59.0	<=8.0
2432.50	16.4	13.4	1.0	2.0	-58.9	<=8.0
2432.55	16.6	13.4	1.2	2.0	-58.7	<=8.0
2432.60	16.7	13.4	1.3	2.0	-58.6	<=8.0
2432.65	16.6	13.4	1.2	2.0	-58.7	<=8.0
2432.70	16.2	13.4	0.8	2.0	-59.1	<=8.0
2432.75	16.0	13.4	0.6	2.0	-59.3	<=8.0
2432.80	15.7	13.4	0.3	2.0	-59.6	<=8.0
2432.85	15.3	13.4	-0.1	2.0	-60.0	<=8.0
2432.90	15.2	13.4	-0.2	2.0	-60.1	<=8.0
2432.95	14.6	13.4	-0.8	2.0	-60.7	<=8.0
2433.00	14.9	13.4	-0.5	2.0	-60.4	<=8.0
2433.05	14.9	13.4	-0.5	2.0	-60.4	<=8.0
2433.10	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2433.15	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2433.20	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2433.25	14.9	13.4	-0.5	2.0	-60.4	<=8.0

Processing Gain

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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)	(%)
2433.30	13.8	13.4	-1.6	2.0	-61.5	<=8.0
2433.35	14.2	13.4	-1.2	2.0	-61.1	<=8.0
2433.40	14.8	13.4	-0.6	2.0	-60.5	<=8.0
2433.45	15.3	13.4	-0.1	2.0	-60.0	<=8.0
2433.50	15.5	13.4	0.1	2.0	-59.8	<=8.0
2433.55	15.6	13.4	0.2	2.0	-59.7	<=8.0
2433.60	15.7	13.4	0.3	2.0	-59.6	<=8.0
2433.65	15.5	13.4	0.1	2.0	-59.8	<=8.0
2433.70	15.3	13.4	-0.1	2.0	-60.0	<=8.0
2433.75	15.0	13.4	-0.4	2.0	-60.3	<=8.0
2433.80	14.8	13.4	-0.6	2.0	-60.5	<=8.0
2433.85	14.5	13.4	-0.9	2.0	-60.8	<=8.0
2433.90	14.3	13.4	-1.1	2.0	-61.0	<=8.0
2433.95	14.0	13.4	-1.4	2.0	-61.3	<=8.0
2434.00	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2434.05	13.8	13.4	-1.6	2.0	-61.5	<=8.0
2434.10	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2434.15	11.7	13.4	-3.7	2.0	-63.6	<=8.0
2434.20	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.25	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2434.30	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2434.35	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2434.40	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2434.45	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2434.50	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.55	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.60	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.65	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.70	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2434.75	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2434.80	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2434.85	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2434.90	13.6	13.4	-1.8	2.0	-61.7	<=8.0
2434.95	13.6	13.4	-1.8	2.0	-61.7	<=8.0
2435.00	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2435.05	14.0	13.4	-1.4	2.0	-61.3	<=8.0
2435.10	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2435.15	12.6	13.4	-2.8	2.0	-62.7	<=8.0
2435.20	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2435.25	14.5	13.4	-0.9	2.0	-60.8	<=8.0
2435.30	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2435.35	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2435.40	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2435.45	13.6	13.4	-1.8	2.0	-61.7	<=8.0
2435.50	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2435.55	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2435.60	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2435.65	13.1	13.4	-2.3	2.0	-62.2	<=8.0

Processing Gain

ISL36342U-EVAL

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)	(%)
2435.70	14.4	13.4	-1.0	2.0	-60.9	<=8.0
2435.75	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2435.80	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2435.85	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2435.90	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2435.95	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2436.00	13.0	13.4	-2.4	2.0	-62.3	<=8.0
2436.05	14.0	13.4	-1.4	2.0	-61.3	<=8.0
2436.10	12.4	13.4	-3.0	2.0	-62.9	<=8.0
2436.15	12.4	13.4	-3.0	2.0	-62.9	<=8.0
2436.20	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2436.25	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2436.30	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2436.35	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2436.40	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2436.45	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2436.50	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2436.55	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2436.60	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2436.65	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2436.70	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2436.75	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2436.80	13.0	13.4	-2.4	2.0	-62.3	<=8.0
2436.85	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2436.90	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2436.95	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2437.00	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2437.05	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2437.10	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2437.15	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2437.20	13.8	13.4	-1.6	2.0	-61.5	<=8.0
2437.25	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2437.30	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2437.35	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2437.40	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2437.45	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2437.50	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2437.55	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2437.60	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2437.65	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2437.70	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2437.75	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2437.80	13.0	13.4	-2.4	2.0	-62.3	<=8.0
2437.85	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2437.90	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2437.95	11.9	13.4	-3.5	2.0	-63.4	<=8.0
2438.00	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2438.05	13.9	13.4	-1.5	2.0	-61.4	<=8.0

Processing Gain

ISL36342U-EVAL

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)	(%)
2438.10	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2438.15	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2438.20	11.6	13.4	-3.8	2.0	-63.7	<=8.0
2438.25	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2438.30	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2438.35	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2438.40	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2438.45	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2438.50	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2438.55	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2438.60	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2438.65	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2438.70	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2438.75	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2438.80	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2438.85	13.6	13.4	-1.8	2.0	-61.7	<=8.0
2438.90	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2438.95	13.9	13.4	-1.5	2.0	-61.4	<=8.0
2439.00	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2439.05	14.2	13.4	-1.2	2.0	-61.1	<=8.0
2439.10	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2439.15	12.6	13.4	-2.8	2.0	-62.7	<=8.0
2439.20	13.5	13.4	-1.9	2.0	-61.8	<=8.0
2439.25	14.0	13.4	-1.4	2.0	-61.3	<=8.0
2439.30	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2439.35	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2439.40	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2439.45	13.3	13.4	-2.1	2.0	-62.0	<=8.0
2439.50	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2439.55	13.0	13.4	-2.4	2.0	-62.3	<=8.0
2439.60	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2439.65	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2439.70	12.7	13.4	-2.7	2.0	-62.6	<=8.0
2439.75	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2439.80	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2439.85	12.8	13.4	-2.6	2.0	-62.5	<=8.0
2439.90	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2439.95	12.0	13.4	-3.4	2.0	-63.3	<=8.0
2440.00	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2440.05	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2440.10	13.0	13.4	-2.4	2.0	-62.3	<=8.0
2440.15	11.4	13.4	-4.0	2.0	-63.9	<=8.0
2440.20	12.5	13.4	-2.9	2.0	-62.8	<=8.0
2440.25	13.4	13.4	-2.0	2.0	-61.9	<=8.0
2440.30	12.9	13.4	-2.5	2.0	-62.4	<=8.0
2440.35	13.2	13.4	-2.2	2.0	-62.1	<=8.0
2440.40	13.7	13.4	-1.7	2.0	-61.6	<=8.0
2440.45	14.0	13.4	-1.4	2.0	-61.3	<=8.0

Processing Gain

ISL36342U-EVAL

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)	(%)
2440.50	14.3	13.4	-1.1	2.0	-61.0	<=8.0
2440.55	14.4	13.4	-1.0	2.0	-60.9	<=8.0
2440.60	14.6	13.4	-0.8	2.0	-60.7	<=8.0
2440.65	14.9	13.4	-0.5	2.0	-60.4	<=8.0
2440.70	15.2	13.4	-0.2	2.0	-60.1	<=8.0
2440.75	15.0	13.4	-0.4	2.0	-60.3	<=8.0
2440.80	14.9	13.4	-0.5	2.0	-60.4	<=8.0
2440.85	14.7	13.4	-0.7	2.0	-60.6	<=8.0
2440.90	14.4	13.4	-1.0	2.0	-60.9	<=8.0
2440.95	14.3	13.4	-1.1	2.0	-61.0	<=8.0
2441.00	14.2	13.4	-1.2	2.0	-61.1	<=8.0
2441.05	14.2	13.4	-1.2	2.0	-61.1	<=8.0
2441.10	13.1	13.4	-2.3	2.0	-62.2	<=8.0
2441.15	14.0	13.4	-1.4	2.0	-61.3	<=8.0
2441.20	14.2	13.4	-1.2	2.0	-61.1	<=8.0
2441.25	14.4	13.4	-1.0	2.0	-60.9	<=8.0
2441.30	13.8	13.4	-1.6	2.0	-61.5	<=8.0
2441.35	14.5	13.4	-0.9	2.0	-60.8	<=8.0
2441.40	14.7	13.4	-0.7	2.0	-60.6	<=8.0
2441.45	15.0	13.4	-0.4	2.0	-60.3	<=8.0
2441.50	15.3	13.4	-0.1	2.0	-60.0	<=8.0
2441.55	15.7	13.4	0.3	2.0	-59.6	<=8.0
2441.60	16.0	13.4	0.6	2.0	-59.3	<=8.0
2441.65	16.2	13.4	0.8	2.0	-59.1	<=8.0
2441.70	16.4	13.4	1.0	2.0	-58.9	<=8.0
2441.75	16.2	13.4	0.8	2.0	-59.1	<=8.0
2441.80	16.0	13.4	0.6	2.0	-59.3	<=8.0
2441.85	15.7	13.4	0.3	2.0	-59.6	<=8.0
2441.90	15.6	13.4	0.2	2.0	-59.7	<=8.0
2441.95	14.5	13.4	-0.9	2.0	-60.8	<=8.0
2442.00	15.0	13.4	-0.4	2.0	-60.3	<=8.0
2442.05	15.5	13.4	0.1	2.0	-59.8	<=8.0
2442.10	14.7	13.4	-0.7	2.0	-60.6	<=8.0
2442.15	14.7	13.4	-0.7	2.0	-60.6	<=8.0
2442.20	14.7	13.4	-0.7	2.0	-60.6	<=8.0
2442.25	15.9	13.4	0.5	2.0	-59.4	<=8.0
2442.30	16.0	13.4	0.6	2.0	-59.3	<=8.0
2442.35	16.2	13.4	0.8	2.0	-59.1	<=8.0
2442.40	16.4	13.4	1.0	2.0	-58.9	<=8.0
2442.45	16.8	13.4	1.4	2.0	-58.5	<=8.0
2442.50	17.2	13.4	1.8	2.0	-58.1	<=8.0
2442.55	17.6	13.4	2.2	2.0	-57.7	<=8.0
2442.60	17.7	13.4	2.3	2.0	-57.6	<=8.0
2442.65	17.9	13.4	2.5	2.0	-57.4	<=8.0
2442.70	17.9	13.4	2.5	2.0	-57.4	<=8.0
2442.75	17.7	13.4	2.3	2.0	-57.6	<=8.0
2442.80	17.5	13.4	2.1	2.0	-57.8	<=8.0
2442.85	17.3	13.4	1.9	2.0	-58.0	<=8.0

Processing Gain

ISL36342U-EVAL

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)	(%)
2442.90	17.2	13.4	1.8	2.0	-58.1	<=8.0
2442.95	17.2	13.4	1.8	2.0	-58.1	<=8.0
2443.00	17.2	13.4	1.8	2.0	-58.1	<=8.0
2443.05	17.3	13.4	1.9	2.0	-58.0	<=8.0
2443.10	16.7	13.4	1.3	2.0	-58.6	<=8.0
2443.15	16.8	13.4	1.4	2.0	-58.5	<=8.0
2443.20	17.5	13.4	2.1	2.0	-57.8	<=8.0
2443.25	17.8	13.4	2.4	2.0	-57.5	<=8.0
2443.30	17.9	13.4	2.5	2.0	-57.4	<=8.0
2443.35	17.5	13.4	2.1	2.0	-57.8	<=8.0
2443.40	18.1	13.4	2.7	2.0	-57.2	<=8.0
2443.45	18.3	13.4	2.9	2.0	-57.0	<=8.0
2443.50	18.0	13.4	2.6	2.0	-57.3	<=8.0
2443.55	17.8	13.4	2.4	2.0	-57.5	<=8.0
2443.60	17.6	13.4	2.2	2.0	-57.7	<=8.0
2443.65	17.7	13.4	2.3	2.0	-57.6	<=8.0
2443.70	18.2	13.4	2.8	2.0	-57.1	<=8.0
2443.75	18.9	13.4	3.5	2.0	-56.4	<=8.0
2443.80	19.3	13.4	3.9	2.0	-56.0	<=8.0
2443.85	19.2	13.4	3.8	2.0	-56.1	<=8.0
2443.90	19.4	13.4	4.0	2.0	-55.9	<=8.0
2443.95	19.1	13.4	3.7	2.0	-56.2	<=8.0
2444.00	19.7	13.4	4.3	2.0	-55.6	<=8.0
2444.05	19.3	13.4	3.9	2.0	-56.0	<=8.0
2444.10	19.1	13.4	3.7	2.0	-56.2	<=8.0
2444.15	18.9	13.4	3.5	2.0	-56.4	<=8.0
2444.20	18.9	13.4	3.5	2.0	-56.4	<=8.0
2444.25	19.1	13.4	3.7	2.0	-56.2	<=8.0
2444.30	19.4	13.4	4.0	2.0	-55.9	<=8.0
2444.35	19.4	13.4	4.0	2.0	-55.9	<=8.0
2444.40	19.6	13.4	4.2	2.0	-55.7	<=8.0
2444.45	19.5	13.4	4.1	2.0	-55.8	<=8.0
2444.50	19.2	13.4	3.8	2.0	-56.1	<=8.0
2444.55	18.8	13.4	3.4	2.0	-56.5	<=8.0
2444.60	18.5	13.4	3.1	2.0	-56.8	<=8.0
2444.65	18.5	13.4	3.1	2.0	-56.8	<=8.0
2444.70	18.9	13.4	3.5	2.0	-56.4	<=8.0
2444.75	19.6	13.4	4.2	2.0	-55.7	<=8.0
2444.80	20.2	13.4	4.8	2.0	-55.1	<=8.0
2444.85	20.6	13.4	5.2	2.0	-54.7	<=8.0
2444.90	20.7	13.4	5.3	2.0	-54.6	<=8.0
2444.95	20.5	13.4	5.1	2.0	-54.8	<=8.0
2445.00	20.4	13.4	5.0	2.0	-54.9	<=8.0
2445.05	20.0	13.4	4.6	2.0	-55.3	<=8.0
2445.10	20.0	13.4	4.6	2.0	-55.3	<=8.0
2445.15	19.9	13.4	4.5	2.0	-55.4	<=8.0
2445.20	19.9	13.4	4.5	2.0	-55.4	<=8.0
2445.25	20.0	13.4	4.6	2.0	-55.3	<=8.0

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 (%)
2445.30	20.3	13.4	4.9	2.0	-55.0	<=8.0
2445.35	20.5	13.4	5.1	2.0	-54.8	<=8.0
2445.40	20.6	13.4	5.2	2.0	-54.7	<=8.0
2445.45	20.5	13.4	5.1	2.0	-54.8	<=8.0
2445.50	20.2	13.4	4.8	2.0	-55.1	<=8.0

13.2

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL36342U-EVAL Rev C1**
 S/N **01060093**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **PU010000, SU010000**
 Software Ver. **3.0.24**
 Mode **5.5 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **6**

Intersil Chips on Card: **HFA38421N**
HFA38631N
HFA37831N
HFA3683A1N
HFA3983IV

Processing Gain (dB)	XMIT level	-59.9
	S/N+Ls	15.4
	0dB J/S	0.0
PG	Offset	Signal Generator Delta
21.5	-8500	6.1
20.7	-8450	5.3
20.1	-8400	4.7
19.9	-8350	4.5
20.1	-8300	4.7
20.5	-8250	5.1
21.0	-8200	5.6
21.3	-8150	5.9
21.3	-8100	5.9
21.1	-8050	5.7
20.9	-8000	5.5
20.7	-7950	5.3
20.6	-7900	5.2
20.6	-7850	5.2
20.7	-7800	5.3
20.8	-7750	5.4
21.2	-7700	5.8
21.3	-7650	5.9
21.3	-7600	5.9
21.2	-7550	5.8
20.6	-7500	5.2
20.0	-7450	4.6
19.6	-7400	4.2
19.3	-7350	3.9
19.5	-7300	4.1
19.8	-7250	4.4
20.2	-7200	4.8
20.4	-7150	5.0
20.2	-7100	4.8
20.0	-7050	4.6
19.8	-7000	4.4
19.6	-6950	4.2
19.5	-6900	4.1
19.5	-6850	4.1
19.7	-6800	4.3
20.0	-6750	4.6
19.8	-6700	4.4
20.0	-6650	4.6
20.0	-6600	4.6
19.9	-6550	4.5
19.7	-6500	4.3
19.3	-6450	3.9
18.6	-6400	3.2
18.2	-6350	2.8
18.2	-6300	2.8
18.4	-6250	3.0
18.7	-6200	3.3

18.6	-6150	3.2	
18.4	-6100	3.0	
17.4	-6050	2.0	
18.2	-6000	2.8	
18.2	-5950	2.8	
17.1	-5900	1.7	
17.0	-5850	1.6	
17.0	-5800	1.6	
17.9	-5750	2.5	
17.8	-5700	2.4	
17.8	-5650	2.4	
17.9	-5600	2.5	
18.0	-5550	2.6	
18.1	-5500	2.7	
18.3	-5450	2.9	
18.2	-5400	2.8	
18.1	-5350	2.7	
17.9	-5300	2.5	
17.6	-5250	2.2	
17.4	-5200	2.0	
17.1	-5150	1.7	
16.9	-5100	1.5	
16.6	-5050	1.2	
16.5	-5000	1.1	
16.5	-4950	1.1	
16.3	-4900	0.9	
15.8	-4850	0.4	
15.3	-4800	-0.1	
16.1	-4750	0.7	
16.1	-4700	0.7	
16.0	-4650	0.6	
16.1	-4600	0.7	
16.3	-4550	0.9	
16.4	-4500	1.0	
16.6	-4450	1.2	
16.7	-4400	1.3	
16.6	-4350	1.2	
16.2	-4300	0.8	
16.0	-4250	0.6	
15.7	-4200	0.3	
15.3	-4150	-0.1	
15.2	-4100	-0.2	
14.6	-4050	-0.8	
14.9	-4000	-0.5	
14.9	-3950	-0.5	
13.9	-3900	-1.5	
13.4	-3850	-2.0	
13.7	-3800	-1.7	
14.9	-3750	-0.5	
13.8	-3700	-1.6	
14.2	-3650	-1.2	
14.8	-3600	-0.6	

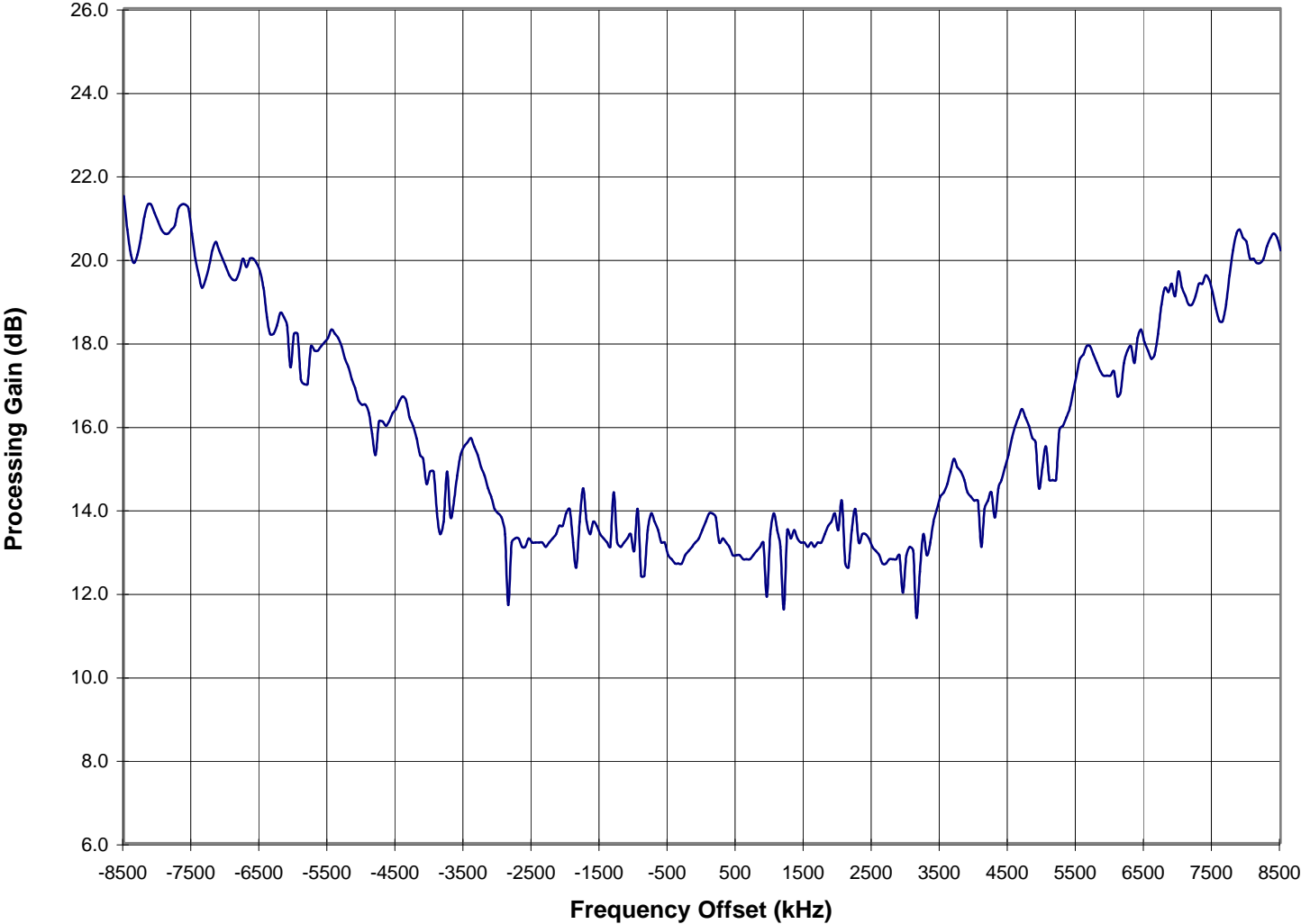
15.3	-3550	-0.1	
15.5	-3500	0.1	
15.6	-3450	0.2	
15.7	-3400	0.3	
15.5	-3350	0.1	
15.3	-3300	-0.1	
15.0	-3250	-0.4	
14.8	-3200	-0.6	
14.5	-3150	-0.9	
14.3	-3100	-1.1	
14.0	-3050	-1.4	
13.9	-3000	-1.5	
13.8	-2950	-1.6	
13.4	-2900	-2.0	
11.7	-2850	-3.7	
13.2	-2800	-2.2	
13.3	-2750	-2.1	
13.3	-2700	-2.1	
13.1	-2650	-2.3	
13.1	-2600	-2.3	
13.3	-2550	-2.1	
13.2	-2500	-2.2	
13.2	-2450	-2.2	
13.2	-2400	-2.2	
13.2	-2350	-2.2	
13.1	-2300	-2.3	
13.2	-2250	-2.2	
13.3	-2200	-2.1	
13.4	-2150	-2.0	
13.6	-2100	-1.8	
13.6	-2050	-1.8	
13.9	-2000	-1.5	
14.0	-1950	-1.4	
13.2	-1900	-2.2	
12.6	-1850	-2.8	
13.7	-1800	-1.7	
14.5	-1750	-0.9	
13.7	-1700	-1.7	
13.4	-1650	-2.0	
13.7	-1600	-1.7	
13.6	-1550	-1.8	
13.4	-1500	-2.0	
13.3	-1450	-2.1	
13.2	-1400	-2.2	
13.1	-1350	-2.3	
14.4	-1300	-1.0	
13.2	-1250	-2.2	
13.1	-1200	-2.3	
13.2	-1150	-2.2	
13.3	-1100	-2.1	
13.4	-1050	-2.0	
13.0	-1000	-2.4	

14.0	-950	-1.4	
12.4	-900	-3.0	
12.4	-850	-3.0	
13.5	-800	-1.9	
13.9	-750	-1.5	
13.7	-700	-1.7	
13.5	-650	-1.9	
13.2	-600	-2.2	
13.2	-550	-2.2	
12.9	-500	-2.5	
12.8	-450	-2.6	
12.7	-400	-2.7	
12.7	-350	-2.7	
12.7	-300	-2.7	
12.9	-250	-2.5	
13.0	-200	-2.4	
13.1	-150	-2.3	
13.2	-100	-2.2	
13.3	-50	-2.1	
13.5	0	-1.9	
13.7	50	-1.7	
13.9	100	-1.5	
13.9	150	-1.5	
13.8	200	-1.6	
13.2	250	-2.2	
13.3	300	-2.1	
13.2	350	-2.2	
13.1	400	-2.3	
12.9	450	-2.5	
12.9	500	-2.5	
12.9	550	-2.5	
12.8	600	-2.6	
12.8	650	-2.6	
12.8	700	-2.6	
12.9	750	-2.5	
13.0	800	-2.4	
13.1	850	-2.3	
13.2	900	-2.2	
11.9	950	-3.5	
13.4	1000	-2.0	
13.9	1050	-1.5	
13.5	1100	-1.9	
13.1	1150	-2.3	
11.6	1200	-3.8	
13.5	1250	-1.9	
13.3	1300	-2.1	
13.5	1350	-1.9	
13.3	1400	-2.1	
13.2	1450	-2.2	
13.2	1500	-2.2	
13.1	1550	-2.3	
13.2	1600	-2.2	

13.1	1650	-2.3	
13.2	1700	-2.2	
13.2	1750	-2.2	
13.4	1800	-2.0	
13.6	1850	-1.8	
13.7	1900	-1.7	
13.9	1950	-1.5	
13.5	2000	-1.9	
14.2	2050	-1.2	
12.7	2100	-2.7	
12.6	2150	-2.8	
13.5	2200	-1.9	
14.0	2250	-1.4	
13.2	2300	-2.2	
13.4	2350	-2.0	
13.4	2400	-2.0	
13.3	2450	-2.1	
13.1	2500	-2.3	
13.0	2550	-2.4	
12.9	2600	-2.5	
12.7	2650	-2.7	
12.7	2700	-2.7	
12.8	2750	-2.6	
12.8	2800	-2.6	
12.8	2850	-2.6	
12.9	2900	-2.5	
12.0	2950	-3.4	
12.9	3000	-2.5	
13.1	3050	-2.3	
13.0	3100	-2.4	
11.4	3150	-4.0	
12.5	3200	-2.9	
13.4	3250	-2.0	
12.9	3300	-2.5	
13.2	3350	-2.2	
13.7	3400	-1.7	
14.0	3450	-1.4	
14.3	3500	-1.1	
14.4	3550	-1.0	
14.6	3600	-0.8	
14.9	3650	-0.5	
15.2	3700	-0.2	
15.0	3750	-0.4	
14.9	3800	-0.5	
14.7	3850	-0.7	
14.4	3900	-1.0	
14.3	3950	-1.1	
14.2	4000	-1.2	
14.2	4050	-1.2	
13.1	4100	-2.3	
14.0	4150	-1.4	
14.2	4200	-1.2	

14.4	4250	-1.0	
13.8	4300	-1.6	
14.5	4350	-0.9	
14.7	4400	-0.7	
15.0	4450	-0.4	
15.3	4500	-0.1	
15.7	4550	0.3	
16.0	4600	0.6	
16.2	4650	0.8	
16.4	4700	1.0	
16.2	4750	0.8	
16.0	4800	0.6	
15.7	4850	0.3	
15.6	4900	0.2	
14.5	4950	-0.9	
15.0	5000	-0.4	
15.5	5050	0.1	
14.7	5100	-0.7	
14.7	5150	-0.7	
14.7	5200	-0.7	
15.9	5250	0.5	
16.0	5300	0.6	
16.2	5350	0.8	
16.4	5400	1.0	
16.8	5450	1.4	
17.2	5500	1.8	
17.6	5550	2.2	
17.7	5600	2.3	
17.9	5650	2.5	
17.9	5700	2.5	
17.7	5750	2.3	
17.5	5800	2.1	
17.3	5850	1.9	
17.2	5900	1.8	
17.2	5950	1.8	
17.2	6000	1.8	
17.3	6050	1.9	
16.7	6100	1.3	
16.8	6150	1.4	
17.5	6200	2.1	
17.8	6250	2.4	
17.9	6300	2.5	
17.5	6350	2.1	
18.1	6400	2.7	
18.3	6450	2.9	
18.0	6500	2.6	
17.8	6550	2.4	
17.6	6600	2.2	
17.7	6650	2.3	
18.2	6700	2.8	
18.9	6750	3.5	
19.3	6800	3.9	

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



Processing Gain

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11Mbps 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)	(%)
2428.50	25.0	16.4	6.6	2.0	-53.3	<=8.0
2428.55	24.2	16.4	5.8	2.0	-54.1	<=8.0
2428.60	23.7	16.4	5.3	2.0	-54.6	<=8.0
2428.65	23.5	16.4	5.1	2.0	-54.8	<=8.0
2428.70	23.7	16.4	5.3	2.0	-54.6	<=8.0
2428.75	24.1	16.4	5.7	2.0	-54.2	<=8.0
2428.80	24.6	16.4	6.2	2.0	-53.7	<=8.0
2428.85	24.8	16.4	6.4	2.0	-53.5	<=8.0
2428.90	24.8	16.4	6.4	2.0	-53.5	<=8.0
2428.95	24.6	16.4	6.2	2.0	-53.7	<=8.0
2429.00	24.4	16.4	6.0	2.0	-53.9	<=8.0
2429.05	24.2	16.4	5.8	2.0	-54.1	<=8.0
2429.10	23.9	16.4	5.5	2.0	-54.4	<=8.0
2429.15	23.9	16.4	5.5	2.0	-54.4	<=8.0
2429.20	23.9	16.4	5.5	2.0	-54.4	<=8.0
2429.25	24.3	16.4	5.9	2.0	-54.0	<=8.0
2429.30	24.6	16.4	6.2	2.0	-53.7	<=8.0
2429.35	24.4	16.4	6.0	2.0	-53.9	<=8.0
2429.40	23.7	16.4	5.3	2.0	-54.6	<=8.0
2429.45	23.6	16.4	5.2	2.0	-54.7	<=8.0
2429.50	23.7	16.4	5.3	2.0	-54.6	<=8.0
2429.55	23.4	16.4	5.0	2.0	-54.9	<=8.0
2429.60	22.9	16.4	4.5	2.0	-55.4	<=8.0
2429.65	22.3	16.4	3.9	2.0	-56.0	<=8.0
2429.70	22.7	16.4	4.3	2.0	-55.6	<=8.0
2429.75	22.5	16.4	4.1	2.0	-55.8	<=8.0
2429.80	22.3	16.4	3.9	2.0	-56.0	<=8.0
2429.85	21.2	16.4	2.8	2.0	-57.1	<=8.0
2429.90	21.2	16.4	2.8	2.0	-57.1	<=8.0
2429.95	21.1	16.4	2.7	2.0	-57.2	<=8.0
2430.00	21.1	16.4	2.7	2.0	-57.2	<=8.0
2430.05	20.9	16.4	2.5	2.0	-57.4	<=8.0
2430.10	20.5	16.4	2.1	2.0	-57.8	<=8.0
2430.15	19.9	16.4	1.5	2.0	-58.4	<=8.0
2430.20	19.9	16.4	1.5	2.0	-58.4	<=8.0
2430.25	19.8	16.4	1.4	2.0	-58.5	<=8.0
2430.30	19.3	16.4	0.9	2.0	-59.0	<=8.0
2430.35	19.3	16.4	0.9	2.0	-59.0	<=8.0
2430.40	18.9	16.4	0.5	2.0	-59.4	<=8.0
2430.45	18.9	16.4	0.5	2.0	-59.4	<=8.0
2430.50	18.9	16.4	0.5	2.0	-59.4	<=8.0
2430.55	18.9	16.4	0.5	2.0	-59.4	<=8.0
2430.60	18.8	16.4	0.4	2.0	-59.5	<=8.0
2430.65	18.6	16.4	0.2	2.0	-59.7	<=8.0
2430.70	18.2	16.4	-0.2	2.0	-60.1	<=8.0
2430.75	18.0	16.4	-0.4	2.0	-60.3	<=8.0
2430.80	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2430.85	17.7	16.4	-0.7	2.0	-60.6	<=8.0

Processing Gain

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11Mbps 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)	(%)
2430.90	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2430.95	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2431.00	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2431.05	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2431.10	17.2	16.4	-1.2	2.0	-61.1	<=8.0
2431.15	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2431.20	17.1	16.4	-1.3	2.0	-61.2	<=8.0
2431.25	17.2	16.4	-1.2	2.0	-61.1	<=8.0
2431.30	17.2	16.4	-1.2	2.0	-61.1	<=8.0
2431.35	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2431.40	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2431.45	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2431.50	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2431.55	16.2	16.4	-2.2	2.0	-62.1	<=8.0
2431.60	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2431.65	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2431.70	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2431.75	15.7	16.4	-2.7	2.0	-62.6	<=8.0
2431.80	15.7	16.4	-2.7	2.0	-62.6	<=8.0
2431.85	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2431.90	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2431.95	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2432.00	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2432.05	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2432.10	15.6	16.4	-2.8	2.0	-62.7	<=8.0
2432.15	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2432.20	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2432.25	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2432.30	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2432.35	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2432.40	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.45	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2432.50	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.55	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.60	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.65	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.70	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.75	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2432.80	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2432.85	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.90	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.95	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2433.00	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2433.05	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2433.10	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2433.15	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2433.20	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2433.25	14.2	16.4	-4.2	2.0	-64.1	<=8.0

Processing Gain

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11Mbps 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)	(%)
2433.30	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2433.35	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2433.40	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.45	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.50	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2433.55	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2433.60	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2433.65	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2433.70	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2433.75	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2433.80	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2433.85	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2433.90	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2433.95	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2434.00	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2434.05	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2434.10	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2434.15	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2434.20	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.25	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2434.30	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.35	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.40	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2434.45	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.50	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.55	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.60	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.65	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.70	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.75	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.80	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.85	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2434.90	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2434.95	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.00	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.05	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.10	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.15	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2435.20	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2435.25	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2435.30	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2435.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2435.40	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2435.45	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2435.50	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2435.55	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2435.60	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2435.65	12.5	16.4	-5.9	2.0	-65.8	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps 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)	(%)
2435.70	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2435.75	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.80	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2435.85	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2435.90	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2435.95	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2436.00	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2436.05	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2436.10	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2436.15	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2436.20	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2436.25	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2436.30	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2436.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2436.40	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2436.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2436.50	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2436.55	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2436.60	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2436.65	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2436.70	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2436.75	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2436.80	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2436.85	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2436.90	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2436.95	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2437.00	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2437.05	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2437.10	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2437.15	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2437.20	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.25	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.30	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2437.40	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2437.45	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2437.50	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2437.55	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2437.60	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2437.65	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.70	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2437.75	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.80	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2437.85	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2437.90	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2437.95	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2438.00	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2438.05	13.1	16.4	-5.3	2.0	-65.2	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps 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)	(%)
2438.10	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2438.15	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2438.20	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2438.25	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2438.30	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2438.35	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2438.40	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2438.45	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2438.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2438.55	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2438.60	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2438.65	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2438.70	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2438.75	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2438.80	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2438.85	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2438.90	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2438.95	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2439.00	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2439.05	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2439.10	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2439.15	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2439.20	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2439.25	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2439.30	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2439.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2439.40	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2439.45	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2439.50	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2439.55	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2439.60	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2439.65	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2439.70	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2439.75	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2439.80	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2439.85	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2439.90	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2439.95	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.00	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2440.05	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.10	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2440.15	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2440.20	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2440.25	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2440.30	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2440.35	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.40	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2440.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps 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)	(%)
2440.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2440.55	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2440.60	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.65	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2440.70	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2440.75	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2440.80	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2440.85	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2440.90	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2440.95	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2441.00	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2441.05	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2441.10	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2441.15	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2441.20	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2441.25	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2441.30	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2441.35	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2441.40	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2441.45	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2441.50	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2441.55	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2441.60	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2441.65	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2441.70	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2441.75	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2441.80	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2441.85	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2441.90	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2441.95	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2442.00	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2442.05	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2442.10	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2442.15	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2442.20	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2442.25	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2442.30	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2442.35	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2442.40	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2442.45	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2442.50	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2442.55	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2442.60	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2442.65	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2442.70	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2442.75	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2442.80	15.6	16.4	-2.8	2.0	-62.7	<=8.0
2442.85	16.0	16.4	-2.4	2.0	-62.3	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps 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)	(%)
2442.90	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2442.95	16.2	16.4	-2.2	2.0	-62.1	<=8.0
2443.00	16.3	16.4	-2.1	2.0	-62.0	<=8.0
2443.05	16.2	16.4	-2.2	2.0	-62.1	<=8.0
2443.10	16.6	16.4	-1.8	2.0	-61.7	<=8.0
2443.15	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2443.20	16.6	16.4	-1.8	2.0	-61.7	<=8.0
2443.25	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2443.30	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2443.35	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2443.40	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2443.45	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2443.50	17.5	16.4	-0.9	2.0	-60.8	<=8.0
2443.55	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2443.60	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2443.65	17.8	16.4	-0.6	2.0	-60.5	<=8.0
2443.70	18.2	16.4	-0.2	2.0	-60.1	<=8.0
2443.75	18.4	16.4	0.0	2.0	-59.9	<=8.0
2443.80	18.6	16.4	0.2	2.0	-59.7	<=8.0
2443.85	18.4	16.4	0.0	2.0	-59.9	<=8.0
2443.90	18.6	16.4	0.2	2.0	-59.7	<=8.0
2443.95	18.8	16.4	0.4	2.0	-59.5	<=8.0
2444.00	19.4	16.4	1.0	2.0	-58.9	<=8.0
2444.05	19.8	16.4	1.4	2.0	-58.5	<=8.0
2444.10	19.6	16.4	1.2	2.0	-58.7	<=8.0
2444.15	20.0	16.4	1.6	2.0	-58.3	<=8.0
2444.20	19.9	16.4	1.5	2.0	-58.4	<=8.0
2444.25	20.3	16.4	1.9	2.0	-58.0	<=8.0
2444.30	20.7	16.4	2.3	2.0	-57.6	<=8.0
2444.35	20.4	16.4	2.0	2.0	-57.9	<=8.0
2444.40	20.7	16.4	2.3	2.0	-57.6	<=8.0
2444.45	21.0	16.4	2.6	2.0	-57.3	<=8.0
2444.50	20.8	16.4	2.4	2.0	-57.5	<=8.0
2444.55	21.4	16.4	3.0	2.0	-56.9	<=8.0
2444.60	21.8	16.4	3.4	2.0	-56.5	<=8.0
2444.65	21.8	16.4	3.4	2.0	-56.5	<=8.0
2444.70	22.1	16.4	3.7	2.0	-56.2	<=8.0
2444.75	22.4	16.4	4.0	2.0	-55.9	<=8.0
2444.80	22.9	16.4	4.5	2.0	-55.4	<=8.0
2444.85	23.1	16.4	4.7	2.0	-55.2	<=8.0
2444.90	22.7	16.4	4.3	2.0	-55.6	<=8.0
2444.95	23.7	16.4	5.3	2.0	-54.6	<=8.0
2445.00	23.7	16.4	5.3	2.0	-54.6	<=8.0
2445.05	23.3	16.4	4.9	2.0	-55.0	<=8.0
2445.10	23.2	16.4	4.8	2.0	-55.1	<=8.0
2445.15	23.2	16.4	4.8	2.0	-55.1	<=8.0
2445.20	23.0	16.4	4.6	2.0	-55.3	<=8.0
2445.25	23.3	16.4	4.9	2.0	-55.0	<=8.0

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	23.7	16.4	5.3	2.0	-54.6	<=8.0
2445.35	23.9	16.4	5.5	2.0	-54.4	<=8.0
2445.40	23.9	16.4	5.5	2.0	-54.4	<=8.0
2445.45	23.9	16.4	5.5	2.0	-54.4	<=8.0
2445.50	23.6	16.4	5.2	2.0	-54.7	<=8.0

13.0

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL36342U-EVAL Rev C1**
 S/N **01060093**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **PU010000, SU010000**
 Software Ver. **3.0.24**
 Mode **11 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **0**

Intersil Chips on Card: **HFA38421N**
HFA38631N
HFA37831N
HFA3683A1N
HFA3983IV

Processing Gain (dB)	XMIT level	-59.9
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
25.0	-8500	6.6
24.2	-8450	5.8
23.7	-8400	5.3
23.5	-8350	5.1
23.7	-8300	5.3
24.1	-8250	5.7
24.6	-8200	6.2
24.8	-8150	6.4
24.8	-8100	6.4
24.6	-8050	6.2
24.4	-8000	6.0
24.2	-7950	5.8
23.9	-7900	5.5
23.9	-7850	5.5
23.9	-7800	5.5
24.3	-7750	5.9
24.6	-7700	6.2
24.4	-7650	6.0
23.7	-7600	5.3
23.6	-7550	5.2
23.7	-7500	5.3
23.4	-7450	5.0
22.9	-7400	4.5
22.3	-7350	3.9
22.7	-7300	4.3
22.5	-7250	4.1
22.3	-7200	3.9
21.2	-7150	2.8
21.2	-7100	2.8
21.1	-7050	2.7
21.1	-7000	2.7
20.9	-6950	2.5
20.5	-6900	2.1
19.9	-6850	1.5
19.9	-6800	1.5
19.8	-6750	1.4
19.3	-6700	0.9
19.3	-6650	0.9
18.9	-6600	0.5
18.9	-6550	0.5
18.9	-6500	0.5
18.9	-6450	0.5
18.8	-6400	0.4
18.6	-6350	0.2
18.2	-6300	-0.2
18.0	-6250	-0.4
17.7	-6200	-0.7

17.7	-6150	-0.7
17.4	-6100	-1.0
17.4	-6050	-1.0
17.3	-6000	-1.1
17.3	-5950	-1.1
17.2	-5900	-1.2
17.3	-5850	-1.1
17.1	-5800	-1.3
17.2	-5750	-1.2
17.2	-5700	-1.2
16.9	-5650	-1.5
16.5	-5600	-1.9
16.5	-5550	-1.9
16.4	-5500	-2.0
16.2	-5450	-2.2
16.0	-5400	-2.4
15.9	-5350	-2.5
15.8	-5300	-2.6
15.7	-5250	-2.7
15.7	-5200	-2.7
15.5	-5150	-2.9
15.8	-5100	-2.6
15.8	-5050	-2.6
15.8	-5000	-2.6
15.8	-4950	-2.6
15.6	-4900	-2.8
15.4	-4850	-3.0
15.3	-4800	-3.1
15.3	-4750	-3.1
15.0	-4700	-3.4
15.0	-4650	-3.4
14.5	-4600	-3.9
14.4	-4550	-4.0
14.6	-4500	-3.8
14.7	-4450	-3.7
14.7	-4400	-3.7
14.7	-4350	-3.7
14.6	-4300	-3.8
14.8	-4250	-3.6
14.8	-4200	-3.6
14.6	-4150	-3.8
14.6	-4100	-3.8
14.6	-4050	-3.8
14.5	-4000	-3.9
14.5	-3950	-3.9
14.4	-3900	-4.0
14.3	-3850	-4.1
14.2	-3800	-4.2
14.2	-3750	-4.2
14.3	-3700	-4.1
14.3	-3650	-4.1
13.8	-3600	-4.6

13.8	-3550	-4.6
13.9	-3500	-4.5
14.0	-3450	-4.4
13.9	-3400	-4.5
13.6	-3350	-4.8
13.6	-3300	-4.8
13.6	-3250	-4.8
13.7	-3200	-4.7
13.6	-3150	-4.8
13.0	-3100	-5.4
13.7	-3050	-4.7
13.6	-3000	-4.8
13.5	-2950	-4.9
13.3	-2900	-5.1
13.4	-2850	-5.0
13.2	-2800	-5.2
13.3	-2750	-5.1
13.2	-2700	-5.2
13.1	-2650	-5.3
12.6	-2600	-5.8
13.0	-2550	-5.4
13.1	-2500	-5.3
13.1	-2450	-5.3
13.1	-2400	-5.3
13.0	-2350	-5.4
13.1	-2300	-5.3
13.1	-2250	-5.3
13.0	-2200	-5.4
12.7	-2150	-5.7
12.4	-2100	-6.0
12.8	-2050	-5.6
12.8	-2000	-5.6
12.8	-1950	-5.6
12.8	-1900	-5.6
12.7	-1850	-5.7
12.9	-1800	-5.5
13.0	-1750	-5.4
13.0	-1700	-5.4
13.0	-1650	-5.4
12.7	-1600	-5.7
13.0	-1550	-5.4
12.9	-1500	-5.5
12.9	-1450	-5.5
12.7	-1400	-5.7
12.5	-1350	-5.9
12.7	-1300	-5.7
12.8	-1250	-5.6
12.9	-1200	-5.5
12.8	-1150	-5.6
13.0	-1100	-5.4
13.2	-1050	-5.2
13.3	-1000	-5.1

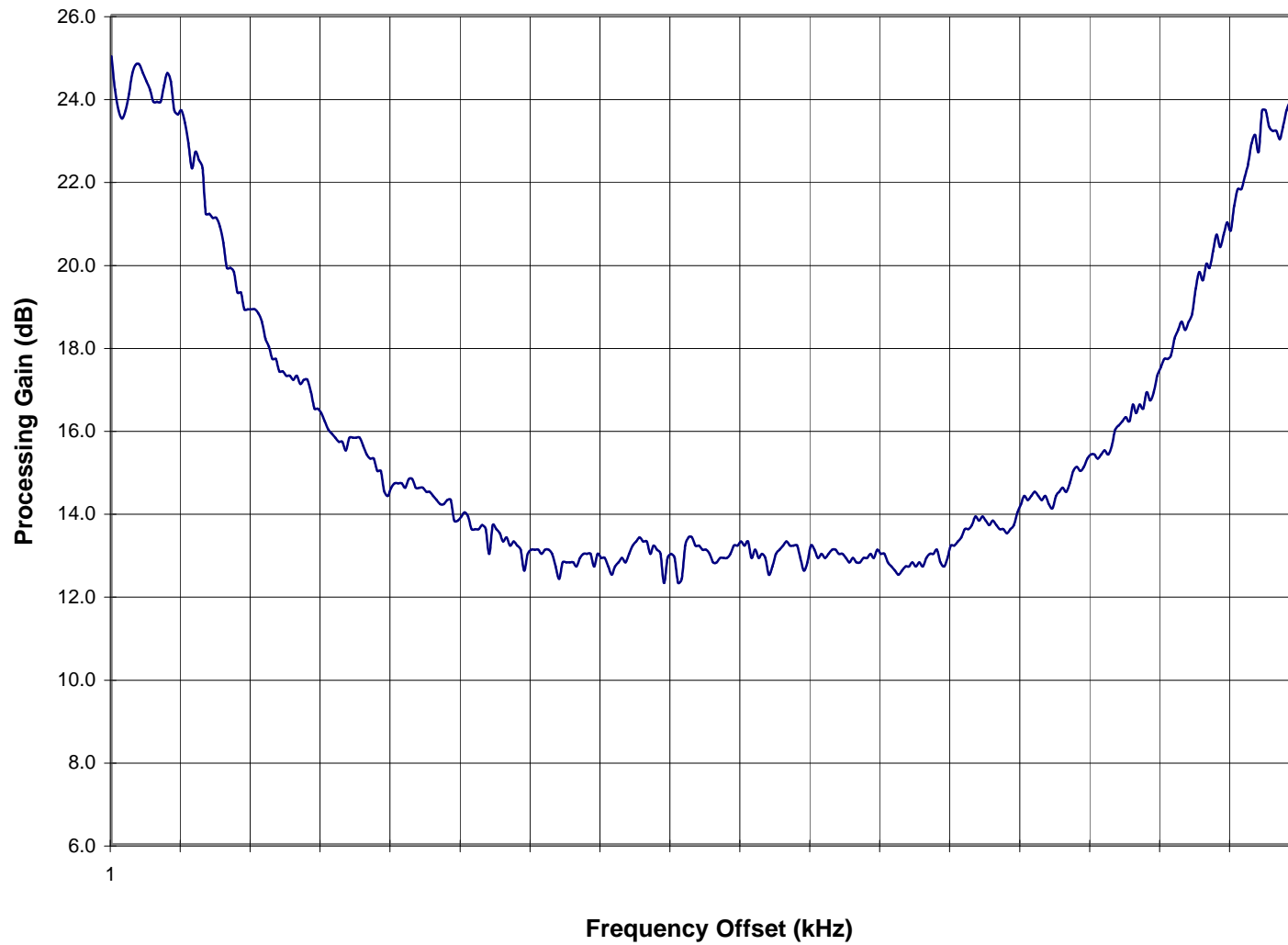
13.4	-950	-5.0
13.3	-900	-5.1
13.3	-850	-5.1
13.0	-800	-5.4
13.2	-750	-5.2
13.1	-700	-5.3
13.0	-650	-5.4
12.3	-600	-6.1
12.9	-550	-5.5
13.0	-500	-5.4
12.9	-450	-5.5
12.3	-400	-6.1
12.4	-350	-6.0
13.2	-300	-5.2
13.4	-250	-5.0
13.4	-200	-5.0
13.2	-150	-5.2
13.2	-100	-5.2
13.1	-50	-5.3
13.1	0	-5.3
13.0	50	-5.4
12.8	100	-5.6
12.8	150	-5.6
12.9	200	-5.5
12.9	250	-5.5
12.9	300	-5.5
13.0	350	-5.4
13.2	400	-5.2
13.2	450	-5.2
13.3	500	-5.1
13.2	550	-5.2
13.3	600	-5.1
12.9	650	-5.5
13.1	700	-5.3
12.9	750	-5.5
13.0	800	-5.4
12.9	850	-5.5
12.5	900	-5.9
12.7	950	-5.7
13.0	1000	-5.4
13.1	1050	-5.3
13.2	1100	-5.2
13.3	1150	-5.1
13.2	1200	-5.2
13.2	1250	-5.2
13.2	1300	-5.2
12.9	1350	-5.5
12.6	1400	-5.8
12.8	1450	-5.6
13.2	1500	-5.2
13.1	1550	-5.3
12.9	1600	-5.5

13.0	1650	-5.4
12.9	1700	-5.5
13.0	1750	-5.4
13.1	1800	-5.3
13.1	1850	-5.3
13.0	1900	-5.4
13.0	1950	-5.4
12.9	2000	-5.5
12.8	2050	-5.6
12.9	2100	-5.5
12.8	2150	-5.6
12.8	2200	-5.6
12.9	2250	-5.5
12.9	2300	-5.5
13.0	2350	-5.4
12.9	2400	-5.5
13.1	2450	-5.3
13.0	2500	-5.4
13.0	2550	-5.4
12.8	2600	-5.6
12.7	2650	-5.7
12.6	2700	-5.8
12.5	2750	-5.9
12.6	2800	-5.8
12.7	2850	-5.7
12.7	2900	-5.7
12.8	2950	-5.6
12.7	3000	-5.7
12.8	3050	-5.6
12.7	3100	-5.7
12.9	3150	-5.5
13.0	3200	-5.4
13.0	3250	-5.4
13.1	3300	-5.3
12.8	3350	-5.6
12.7	3400	-5.7
12.9	3450	-5.5
13.2	3500	-5.2
13.2	3550	-5.2
13.3	3600	-5.1
13.4	3650	-5.0
13.6	3700	-4.8
13.6	3750	-4.8
13.7	3800	-4.7
13.9	3850	-4.5
13.8	3900	-4.6
13.9	3950	-4.5
13.8	4000	-4.6
13.7	4050	-4.7
13.8	4100	-4.6
13.7	4150	-4.7
13.6	4200	-4.8

13.6	4250	-4.8
13.5	4300	-4.9
13.6	4350	-4.8
13.7	4400	-4.7
14.0	4450	-4.4
14.2	4500	-4.2
14.4	4550	-4.0
14.3	4600	-4.1
14.4	4650	-4.0
14.5	4700	-3.9
14.4	4750	-4.0
14.3	4800	-4.1
14.4	4850	-4.0
14.2	4900	-4.2
14.1	4950	-4.3
14.4	5000	-4.0
14.5	5050	-3.9
14.6	5100	-3.8
14.5	5150	-3.9
14.7	5200	-3.7
15.0	5250	-3.4
15.1	5300	-3.3
15.0	5350	-3.4
15.1	5400	-3.3
15.3	5450	-3.1
15.4	5500	-3.0
15.4	5550	-3.0
15.3	5600	-3.1
15.4	5650	-3.0
15.5	5700	-2.9
15.4	5750	-3.0
15.6	5800	-2.8
16.0	5850	-2.4
16.1	5900	-2.3
16.2	5950	-2.2
16.3	6000	-2.1
16.2	6050	-2.2
16.6	6100	-1.8
16.4	6150	-2.0
16.6	6200	-1.8
16.5	6250	-1.9
16.9	6300	-1.5
16.7	6350	-1.7
16.9	6400	-1.5
17.3	6450	-1.1
17.5	6500	-0.9
17.7	6550	-0.7
17.7	6600	-0.7
17.8	6650	-0.6
18.2	6700	-0.2
18.4	6750	0.0
18.6	6800	0.2

18.4	6850	0.0
18.6	6900	0.2
18.8	6950	0.4
19.4	7000	1.0
19.8	7050	1.4
19.6	7100	1.2
20.0	7150	1.6
19.9	7200	1.5
20.3	7250	1.9
20.7	7300	2.3
20.4	7350	2.0
20.7	7400	2.3
21.0	7450	2.6
20.8	7500	2.4
21.4	7550	3.0
21.8	7600	3.4
21.8	7650	3.4
22.1	7700	3.7
22.4	7750	4.0
22.9	7800	4.5
23.1	7850	4.7
22.7	7900	4.3
23.7	7950	5.3
23.7	8000	5.3
23.3	8050	4.9
23.2	8100	4.8
23.2	8150	4.8
23.0	8200	4.6
23.3	8250	4.9
23.7	8300	5.3
23.9	8350	5.5
23.9	8400	5.5
23.9	8450	5.5
23.6	8500	5.2
13.0		

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



Processing Gain

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11Mbps CHANNEL 11 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)	(%)
2453.50	25.8	16.4	7.4	2.0	-52.5	<=8.0
2453.55	25.1	16.4	6.7	2.0	-53.2	<=8.0
2453.60	24.5	16.4	6.1	2.0	-53.8	<=8.0
2453.65	24.1	16.4	5.7	2.0	-54.2	<=8.0
2453.70	24.3	16.4	5.9	2.0	-54.0	<=8.0
2453.75	24.8	16.4	6.4	2.0	-53.5	<=8.0
2453.80	25.2	16.4	6.8	2.0	-53.1	<=8.0
2453.85	25.3	16.4	6.9	2.0	-53.0	<=8.0
2453.90	25.3	16.4	6.9	2.0	-53.0	<=8.0
2453.95	25.1	16.4	6.7	2.0	-53.2	<=8.0
2454.00	24.9	16.4	6.5	2.0	-53.4	<=8.0
2454.05	24.6	16.4	6.2	2.0	-53.7	<=8.0
2454.10	24.5	16.4	6.1	2.0	-53.8	<=8.0
2454.15	24.5	16.4	6.1	2.0	-53.8	<=8.0
2454.20	24.4	16.4	6.0	2.0	-53.9	<=8.0
2454.25	24.8	16.4	6.4	2.0	-53.5	<=8.0
2454.30	25.1	16.4	6.7	2.0	-53.2	<=8.0
2454.35	24.8	16.4	6.4	2.0	-53.5	<=8.0
2454.40	24.5	16.4	6.1	2.0	-53.8	<=8.0
2454.45	24.2	16.4	5.8	2.0	-54.1	<=8.0
2454.50	24.1	16.4	5.7	2.0	-54.2	<=8.0
2454.55	23.8	16.4	5.4	2.0	-54.5	<=8.0
2454.60	23.5	16.4	5.1	2.0	-54.8	<=8.0
2454.65	23.4	16.4	5.0	2.0	-54.9	<=8.0
2454.70	23.2	16.4	4.8	2.0	-55.1	<=8.0
2454.75	22.9	16.4	4.5	2.0	-55.4	<=8.0
2454.80	22.8	16.4	4.4	2.0	-55.5	<=8.0
2454.85	21.8	16.4	3.4	2.0	-56.5	<=8.0
2454.90	21.9	16.4	3.5	2.0	-56.4	<=8.0
2454.95	21.8	16.4	3.4	2.0	-56.5	<=8.0
2455.00	21.9	16.4	3.5	2.0	-56.4	<=8.0
2455.05	21.4	16.4	3.0	2.0	-56.9	<=8.0
2455.10	21.0	16.4	2.6	2.0	-57.3	<=8.0
2455.15	20.9	16.4	2.5	2.0	-57.4	<=8.0
2455.20	20.5	16.4	2.1	2.0	-57.8	<=8.0
2455.25	19.9	16.4	1.5	2.0	-58.4	<=8.0
2455.30	19.7	16.4	1.3	2.0	-58.6	<=8.0
2455.35	19.5	16.4	1.1	2.0	-58.8	<=8.0
2455.40	19.4	16.4	1.0	2.0	-58.9	<=8.0
2455.45	19.5	16.4	1.1	2.0	-58.8	<=8.0
2455.50	19.4	16.4	1.0	2.0	-58.9	<=8.0
2455.55	19.2	16.4	0.8	2.0	-59.1	<=8.0
2455.60	19.3	16.4	0.9	2.0	-59.0	<=8.0
2455.65	19.0	16.4	0.6	2.0	-59.3	<=8.0
2455.70	18.8	16.4	0.4	2.0	-59.5	<=8.0
2455.75	18.4	16.4	0.0	2.0	-59.9	<=8.0
2455.80	18.3	16.4	-0.1	2.0	-60.0	<=8.0
2455.85	17.8	16.4	-0.6	2.0	-60.5	<=8.0

Processing Gain

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11Mbps CHANNEL 11 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)	(%)
2455.90	17.6	16.4	-0.8	2.0	-60.7	<=8.0
2455.95	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2456.00	17.6	16.4	-0.8	2.0	-60.7	<=8.0
2456.05	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2456.10	17.5	16.4	-0.9	2.0	-60.8	<=8.0
2456.15	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2456.20	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2456.25	17.1	16.4	-1.3	2.0	-61.2	<=8.0
2456.30	17.3	16.4	-1.1	2.0	-61.0	<=8.0
2456.35	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2456.40	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2456.45	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2456.50	16.6	16.4	-1.8	2.0	-61.7	<=8.0
2456.55	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2456.60	16.3	16.4	-2.1	2.0	-62.0	<=8.0
2456.65	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2456.70	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2456.75	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2456.80	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2456.85	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2456.90	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2456.95	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2457.00	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2457.05	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2457.10	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2457.15	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2457.20	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2457.25	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2457.30	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2457.35	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2457.40	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2457.45	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2457.50	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2457.55	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2457.60	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2457.65	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2457.70	14.9	16.4	-3.5	2.0	-63.4	<=8.0
2457.75	14.9	16.4	-3.5	2.0	-63.4	<=8.0
2457.80	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2457.85	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2457.90	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2457.95	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2458.00	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2458.05	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2458.10	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2458.15	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2458.20	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2458.25	14.4	16.4	-4.0	2.0	-63.9	<=8.0

Processing Gain

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11Mbps CHANNEL 11 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)	(%)
2458.30	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2458.35	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2458.40	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2458.45	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2458.50	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2458.55	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2458.60	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2458.65	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2458.70	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2458.75	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2458.80	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2458.85	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2458.90	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2458.95	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2459.00	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2459.05	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2459.10	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2459.15	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2459.20	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2459.25	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2459.30	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2459.35	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2459.40	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2459.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2459.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2459.55	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2459.60	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2459.65	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2459.70	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2459.75	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2459.80	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2459.85	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2459.90	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2459.95	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2460.00	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2460.05	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2460.10	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2460.15	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2460.20	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2460.25	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2460.30	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2460.35	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2460.40	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2460.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2460.50	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2460.55	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2460.60	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2460.65	13.0	16.4	-5.4	2.0	-65.3	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps CHANNEL 11 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)	(%)
2460.70	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2460.75	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2460.80	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2460.85	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2460.90	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2460.95	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2461.00	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2461.05	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2461.10	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2461.15	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2461.20	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2461.25	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2461.30	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2461.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2461.40	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2461.45	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2461.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2461.55	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2461.60	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2461.65	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2461.70	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2461.75	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2461.80	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2461.85	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2461.90	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2461.95	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2462.00	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2462.05	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2462.10	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2462.15	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2462.20	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2462.25	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2462.30	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2462.35	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2462.40	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2462.45	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2462.50	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2462.55	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2462.60	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2462.65	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2462.70	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2462.75	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2462.80	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2462.85	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2462.90	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2462.95	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2463.00	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2463.05	13.4	16.4	-5.0	2.0	-64.9	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps CHANNEL 11 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)	(%)
2463.10	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2463.15	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2463.20	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2463.25	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2463.30	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2463.35	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2463.40	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2463.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2463.50	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2463.55	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2463.60	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2463.65	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2463.70	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2463.75	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2463.80	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2463.85	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2463.90	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2463.95	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2464.00	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2464.05	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2464.10	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2464.15	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.20	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.25	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.30	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.35	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2464.40	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.45	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2464.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2464.55	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2464.60	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2464.65	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2464.70	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2464.75	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2464.80	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2464.85	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2464.90	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2464.95	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2465.00	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2465.05	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2465.10	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2465.15	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2465.20	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2465.25	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2465.30	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2465.35	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2465.40	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2465.45	12.7	16.4	-5.7	2.0	-65.6	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps CHANNEL 11 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)	(%)
2465.50	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2465.55	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2465.60	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2465.65	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2465.70	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2465.75	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2465.80	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2465.85	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2465.90	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2465.95	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2466.00	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2466.05	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2466.10	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2466.15	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2466.20	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2466.25	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2466.30	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2466.35	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2466.40	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2466.45	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2466.50	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2466.55	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2466.60	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2466.65	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2466.70	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2466.75	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2466.80	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2466.85	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2466.90	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2466.95	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2467.00	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2467.05	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2467.10	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2467.15	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2467.20	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2467.25	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2467.30	15.2	16.4	-3.2	2.0	-63.1	<=8.0
2467.35	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2467.40	15.1	16.4	-3.3	2.0	-63.2	<=8.0
2467.45	15.0	16.4	-3.4	2.0	-63.3	<=8.0
2467.50	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2467.55	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2467.60	15.5	16.4	-2.9	2.0	-62.8	<=8.0
2467.65	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2467.70	15.7	16.4	-2.7	2.0	-62.6	<=8.0
2467.75	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2467.80	15.9	16.4	-2.5	2.0	-62.4	<=8.0
2467.85	16.0	16.4	-2.4	2.0	-62.3	<=8.0

Processing Gain

ISL36342U-EVAL

11Mbps CHANNEL 11 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)	(%)
2467.90	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2467.95	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2468.00	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2468.05	16.4	16.4	-2.0	2.0	-61.9	<=8.0
2468.10	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2468.15	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2468.20	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2468.25	17.0	16.4	-1.4	2.0	-61.3	<=8.0
2468.30	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2468.35	16.9	16.4	-1.5	2.0	-61.4	<=8.0
2468.40	16.8	16.4	-1.6	2.0	-61.5	<=8.0
2468.45	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2468.50	17.5	16.4	-0.9	2.0	-60.8	<=8.0
2468.55	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2468.60	17.8	16.4	-0.6	2.0	-60.5	<=8.0
2468.65	18.0	16.4	-0.4	2.0	-60.3	<=8.0
2468.70	18.3	16.4	-0.1	2.0	-60.0	<=8.0
2468.75	18.6	16.4	0.2	2.0	-59.7	<=8.0
2468.80	18.7	16.4	0.3	2.0	-59.6	<=8.0
2468.85	18.6	16.4	0.2	2.0	-59.7	<=8.0
2468.90	18.7	16.4	0.3	2.0	-59.6	<=8.0
2468.95	19.1	16.4	0.7	2.0	-59.2	<=8.0
2469.00	19.4	16.4	1.0	2.0	-58.9	<=8.0
2469.05	19.6	16.4	1.2	2.0	-58.7	<=8.0
2469.10	19.7	16.4	1.3	2.0	-58.6	<=8.0
2469.15	20.0	16.4	1.6	2.0	-58.3	<=8.0
2469.20	20.1	16.4	1.7	2.0	-58.2	<=8.0
2469.25	20.4	16.4	2.0	2.0	-57.9	<=8.0
2469.30	20.8	16.4	2.4	2.0	-57.5	<=8.0
2469.35	20.6	16.4	2.2	2.0	-57.7	<=8.0
2469.40	20.7	16.4	2.3	2.0	-57.6	<=8.0
2469.45	21.0	16.4	2.6	2.0	-57.3	<=8.0
2469.50	20.9	16.4	2.5	2.0	-57.4	<=8.0
2469.55	21.6	16.4	3.2	2.0	-56.7	<=8.0
2469.60	22.0	16.4	3.6	2.0	-56.3	<=8.0
2469.65	22.2	16.4	3.8	2.0	-56.1	<=8.0
2469.70	22.3	16.4	3.9	2.0	-56.0	<=8.0
2469.75	22.4	16.4	4.0	2.0	-55.9	<=8.0
2469.80	22.9	16.4	4.5	2.0	-55.4	<=8.0
2469.85	23.3	16.4	4.9	2.0	-55.0	<=8.0
2469.90	23.0	16.4	4.6	2.0	-55.3	<=8.0
2469.95	23.8	16.4	5.4	2.0	-54.5	<=8.0
2470.00	24.0	16.4	5.6	2.0	-54.3	<=8.0
2470.05	23.6	16.4	5.2	2.0	-54.7	<=8.0
2470.10	23.4	16.4	5.0	2.0	-54.9	<=8.0
2470.15	23.3	16.4	4.9	2.0	-55.0	<=8.0
2470.20	23.3	16.4	4.9	2.0	-55.0	<=8.0
2470.25	23.9	16.4	5.5	2.0	-54.4	<=8.0

11Mbps CHANNEL 11 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 (%)
2470.30	24.1	16.4	5.7	2.0	-54.2	<=8.0
2470.35	24.1	16.4	5.7	2.0	-54.2	<=8.0
2470.40	24.2	16.4	5.8	2.0	-54.1	<=8.0
2470.45	24.0	16.4	5.6	2.0	-54.3	<=8.0
2470.50	24.0	16.4	5.6	2.0	-54.3	<=8.0

13.2

Test Conditions

TX Card **HWB3163-04 Rev B**
 S/N **99360038**
 RX Card **ISL36342U-EVAL Rev C1**
 S/N **01060093**
 TX Firmware **P10002C0, MS11168A3**
 RX Firmware **PU010000, SU010000**
 Software Ver. **3.0.24**
 Mode **11 MB Pseudo IBSS**
 Pkt Size **1024**
 Pkt Dly **1**
 Pkt Burst **0**

Intersil Chips on Card: **HFA38421N**
HFA38631N
HFA37831N
HFA3683A1N
HFA3983IV

Processing Gain (dB)	XMIT level	-59.9
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
25.8	-8500	7.4
25.1	-8450	6.7
24.5	-8400	6.1
24.1	-8350	5.7
24.3	-8300	5.9
24.8	-8250	6.4
25.2	-8200	6.8
25.3	-8150	6.9
25.3	-8100	6.9
25.1	-8050	6.7
24.9	-8000	6.5
24.6	-7950	6.2
24.5	-7900	6.1
24.5	-7850	6.1
24.4	-7800	6.0
24.8	-7750	6.4
25.1	-7700	6.7
24.8	-7650	6.4
24.5	-7600	6.1
24.2	-7550	5.8
24.1	-7500	5.7
23.8	-7450	5.4
23.5	-7400	5.1
23.4	-7350	5.0
23.2	-7300	4.8
22.9	-7250	4.5
22.8	-7200	4.4
21.8	-7150	3.4
21.9	-7100	3.5
21.8	-7050	3.4
21.9	-7000	3.5
21.4	-6950	3.0
21.0	-6900	2.6
20.9	-6850	2.5
20.5	-6800	2.1
19.9	-6750	1.5
19.7	-6700	1.3
19.5	-6650	1.1
19.4	-6600	1.0
19.5	-6550	1.1
19.4	-6500	1.0
19.2	-6450	0.8
19.3	-6400	0.9
19.0	-6350	0.6
18.8	-6300	0.4
18.4	-6250	0.0
18.3	-6200	-0.1

17.8	-6150	-0.6	
17.6	-6100	-0.8	
17.7	-6050	-0.7	
17.6	-6000	-0.8	
17.4	-5950	-1.0	
17.5	-5900	-0.9	
17.4	-5850	-1.0	
17.3	-5800	-1.1	
17.1	-5750	-1.3	
17.3	-5700	-1.1	
16.8	-5650	-1.6	
16.7	-5600	-1.7	
16.8	-5550	-1.6	
16.6	-5500	-1.8	
16.4	-5450	-2.0	
16.3	-5400	-2.1	
16.1	-5350	-2.3	
16.0	-5300	-2.4	
16.1	-5250	-2.3	
15.9	-5200	-2.5	
15.9	-5150	-2.5	
15.9	-5100	-2.5	
15.9	-5050	-2.5	
16.0	-5000	-2.4	
15.8	-4950	-2.6	
15.8	-4900	-2.6	
15.5	-4850	-2.9	
15.4	-4800	-3.0	
15.5	-4750	-2.9	
15.1	-4700	-3.3	
14.8	-4650	-3.6	
14.7	-4600	-3.7	
14.8	-4550	-3.6	
14.8	-4500	-3.6	
15.0	-4450	-3.4	
14.8	-4400	-3.6	
15.0	-4350	-3.4	
14.9	-4300	-3.5	
14.9	-4250	-3.5	
14.8	-4200	-3.6	
14.7	-4150	-3.7	
14.7	-4100	-3.7	
14.8	-4050	-3.6	
14.8	-4000	-3.6	
14.7	-3950	-3.7	
14.6	-3900	-3.8	
14.4	-3850	-4.0	
14.3	-3800	-4.1	
14.4	-3750	-4.0	
14.5	-3700	-3.9	
14.4	-3650	-4.0	
14.3	-3600	-4.1	

14.2	-3550	-4.2	
14.3	-3500	-4.1	
14.2	-3450	-4.2	
14.0	-3400	-4.4	
13.9	-3350	-4.5	
13.7	-3300	-4.7	
13.6	-3250	-4.8	
13.8	-3200	-4.6	
13.5	-3150	-4.9	
13.0	-3100	-5.4	
13.6	-3050	-4.8	
13.7	-3000	-4.7	
13.6	-2950	-4.8	
13.6	-2900	-4.8	
13.7	-2850	-4.7	
13.5	-2800	-4.9	
13.3	-2750	-5.1	
13.4	-2700	-5.0	
13.2	-2650	-5.2	
13.0	-2600	-5.4	
12.9	-2550	-5.5	
13.2	-2500	-5.2	
13.0	-2450	-5.4	
13.1	-2400	-5.3	
13.1	-2350	-5.3	
13.1	-2300	-5.3	
13.1	-2250	-5.3	
13.2	-2200	-5.2	
12.9	-2150	-5.5	
12.8	-2100	-5.6	
12.9	-2050	-5.5	
13.0	-2000	-5.4	
12.9	-1950	-5.5	
12.9	-1900	-5.5	
12.9	-1850	-5.5	
13.1	-1800	-5.3	
13.4	-1750	-5.0	
13.3	-1700	-5.1	
13.2	-1650	-5.2	
13.1	-1600	-5.3	
12.9	-1550	-5.5	
13.3	-1500	-5.1	
13.1	-1450	-5.3	
13.0	-1400	-5.4	
13.0	-1350	-5.4	
13.0	-1300	-5.4	
13.2	-1250	-5.2	
13.1	-1200	-5.3	
13.1	-1150	-5.3	
13.3	-1100	-5.1	
13.4	-1050	-5.0	
13.5	-1000	-4.9	

13.4	-950	-5.0	
13.6	-900	-4.8	
13.7	-850	-4.7	
13.3	-800	-5.1	
13.5	-750	-4.9	
13.4	-700	-5.0	
13.0	-650	-5.4	
12.5	-600	-5.9	
13.0	-550	-5.4	
13.2	-500	-5.2	
13.1	-450	-5.3	
12.9	-400	-5.5	
13.4	-350	-5.0	
13.3	-300	-5.1	
13.6	-250	-4.8	
13.7	-200	-4.7	
13.5	-150	-4.9	
13.4	-100	-5.0	
13.4	-50	-5.0	
13.3	0	-5.1	
13.4	50	-5.0	
13.1	100	-5.3	
13.0	150	-5.4	
13.1	200	-5.3	
13.1	250	-5.3	
13.2	300	-5.2	
13.3	350	-5.1	
13.4	400	-5.0	
13.6	450	-4.8	
13.5	500	-4.9	
13.6	550	-4.8	
13.6	600	-4.8	
13.4	650	-5.0	
13.3	700	-5.1	
13.2	750	-5.2	
13.3	800	-5.1	
12.8	850	-5.6	
12.6	900	-5.8	
13.0	950	-5.4	
13.3	1000	-5.1	
13.4	1050	-5.0	
13.5	1100	-4.9	
13.2	1150	-5.2	
13.4	1200	-5.0	
13.3	1250	-5.1	
13.4	1300	-5.0	
12.9	1350	-5.5	
12.7	1400	-5.7	
12.9	1450	-5.5	
13.3	1500	-5.1	
13.4	1550	-5.0	
13.2	1600	-5.2	

13.4	1650	-5.0	
13.3	1700	-5.1	
13.0	1750	-5.4	
13.2	1800	-5.2	
13.1	1850	-5.3	
13.3	1900	-5.1	
13.3	1950	-5.1	
13.2	2000	-5.2	
13.3	2050	-5.1	
13.1	2100	-5.3	
13.0	2150	-5.4	
13.0	2200	-5.4	
13.0	2250	-5.4	
13.0	2300	-5.4	
13.2	2350	-5.2	
13.0	2400	-5.4	
13.2	2450	-5.2	
13.2	2500	-5.2	
13.1	2550	-5.3	
13.0	2600	-5.4	
12.8	2650	-5.6	
12.7	2700	-5.7	
12.6	2750	-5.8	
12.9	2800	-5.5	
12.8	2850	-5.6	
12.9	2900	-5.5	
12.8	2950	-5.6	
12.8	3000	-5.6	
12.7	3050	-5.7	
12.9	3100	-5.5	
13.0	3150	-5.4	
12.9	3200	-5.5	
13.1	3250	-5.3	
13.4	3300	-5.0	
13.0	3350	-5.4	
12.8	3400	-5.6	
12.7	3450	-5.7	
13.4	3500	-5.0	
13.4	3550	-5.0	
13.5	3600	-4.9	
13.3	3650	-5.1	
13.6	3700	-4.8	
13.8	3750	-4.6	
13.9	3800	-4.5	
14.0	3850	-4.4	
13.8	3900	-4.6	
13.9	3950	-4.5	
14.0	4000	-4.4	
13.9	4050	-4.5	
13.9	4100	-4.5	
13.9	4150	-4.5	
13.8	4200	-4.6	

13.6	4250	-4.8	
13.8	4300	-4.6	
14.2	4350	-4.2	
13.9	4400	-4.5	
14.2	4450	-4.2	
14.2	4500	-4.2	
14.3	4550	-4.1	
14.4	4600	-4.0	
14.6	4650	-3.8	
14.5	4700	-3.9	
14.6	4750	-3.8	
14.5	4800	-3.9	
14.5	4850	-3.9	
14.4	4900	-4.0	
14.5	4950	-3.9	
14.6	5000	-3.8	
14.5	5050	-3.9	
14.6	5100	-3.8	
14.7	5150	-3.7	
14.8	5200	-3.6	
15.1	5250	-3.3	
15.2	5300	-3.2	
15.3	5350	-3.1	
15.1	5400	-3.3	
15.0	5450	-3.4	
15.5	5500	-2.9	
15.5	5550	-2.9	
15.5	5600	-2.9	
15.8	5650	-2.6	
15.7	5700	-2.7	
15.8	5750	-2.6	
15.9	5800	-2.5	
16.0	5850	-2.4	
16.1	5900	-2.3	
16.4	5950	-2.0	
16.4	6000	-2.0	
16.4	6050	-2.0	
16.7	6100	-1.7	
16.5	6150	-1.9	
16.7	6200	-1.7	
17.0	6250	-1.4	
16.9	6300	-1.5	
16.9	6350	-1.5	
16.8	6400	-1.6	
17.4	6450	-1.0	
17.5	6500	-0.9	
17.7	6550	-0.7	
17.8	6600	-0.6	
18.0	6650	-0.4	
18.3	6700	-0.1	
18.6	6750	0.2	
18.7	6800	0.3	

18.6	6850	0.2	
18.7	6900	0.3	
19.1	6950	0.7	
19.4	7000	1.0	
19.6	7050	1.2	
19.7	7100	1.3	
20.0	7150	1.6	
20.1	7200	1.7	
20.4	7250	2.0	
20.8	7300	2.4	
20.6	7350	2.2	
20.7	7400	2.3	
21.0	7450	2.6	
20.9	7500	2.5	
21.6	7550	3.2	
22.0	7600	3.6	
22.2	7650	3.8	
22.3	7700	3.9	
22.4	7750	4.0	
22.9	7800	4.5	
23.3	7850	4.9	
23.0	7900	4.6	
23.8	7950	5.4	
24.0	8000	5.6	
23.6	8050	5.2	
23.4	8100	5.0	
23.3	8150	4.9	
23.3	8200	4.9	
23.9	8250	5.5	
24.1	8300	5.7	
24.1	8350	5.7	
24.2	8400	5.8	
24.0	8450	5.6	
24.0	8500	5.6	
13.2	Processing Gain (dB) @ 80th Percentile =		

Processing Gain Channel 11 (fc=2462MHz) @ 11Mbps

