

## HFA3861A

Data Rate	Symbol Rate	Chip Rate
1 Mbps	1 Msps	11 Mcps
2 Mbps	1 Msps	11 Mcps
5.5 Mbps	1.375 Msps	11 Mcps
11 Mbps	1.375 Msps	11 Mcps

The HFA3861 transmitter is a Direct Sequence Spread Spectrum Phase Shift Keying (DSSS PSK) modulator. It can handle data rates of up to 11Mbps. The various modes of the modulator are:

Modulation	Data Rate
DBPSK	1 Mbps
DQPSK	2 Mbps
CCK	5.5 Mbps
CCK	11 Mbps

These implement data rates as shown in Table 3. The major functional blocks of the transmitter include a network processor interface, DPSK modulator, high rate modulator, a data scrambler and a spreader, as shown in Figure 7. CCK is essentially a quadrature phase form of M-ARY Orthogonal Keying. A description of that modulation can be found in Chapter 5 of: "Telecommunications System Engineering", by Lindsey and Simon, Prentis Hall publishing. The preamble is always transmitted as the DBPSK waveform while the header can be configured to be either DBPSK, or DQPSK, and data packets can be configured for DBPSK, DQPSK, or CCK. The preamble is used by the receiver to achieve initial PN synchronization while the header includes the necessary data fields of the communications protocol to establish the physical layer link. The transmitter generates the synchronization preamble and header and knows when to make the DBPSK to DQPSK or CCK switchover, as required.

The classical definition of processing gain is the 10 Log number  $[rC/rB]$  in dB. By this definition a system that has a data rate of 1MBPS and a chip rate (rate of PN code) of 1MCPS will have a PG of 10.41dB. **Using the PRISM chip set each data bit is x-ored with an 11 bit sequence for this particular example. The processing gain can be then viewed as the  $10\text{Log}[11]\text{dB}$  where 11 is the length of the PN code. If a code with a length of 16 bits is to be used then the processing gain is equivalent to  $10\text{Log}[16]\text{dB}$  or 12.04dB.**

### Data Demodulation in the CCK Modes

In this mode, the demodulator uses Complementary Code Keying (CCK) modulation for the two highest data rates. It is slaved to the low rate processor which it depends on for acquisition of initial timing and phase tracking information. The low rate section acquires the signal, locks up symbol and carrier tracking loops, and determines the data rate to be used for the MPDU data. The demodulator for the CCK modes takes over when the preamble and header have been acquired and processed. On the last bit of the header, the phase of the signal is captured and used as a phase reference for the high rate

differential demodulator. Control of the demodulator is then passed to the high rate section. The signal from the A/D converters is carrier frequency and phase corrected by a complex multiplier (mixer) that multiplies the received signal with the output of the Numerically Controlled Oscillator (NCO) and SIN/COS look up table. This removes the frequency offset and aligns the I and Q Channels properly for the correlators. The sample rate is decimated to 11MSPS for the correlators after the complex multiplier since the data is now synchronous in time. The Fast Walsh transform correlation section processes the I and Q channel information. The demodulator knows the symbol timing, so the correlation is batch processed over each symbol. The correlation outputs from the correlator are compared to each other in a biggest picker and the chosen one determines 6 bits of the symbol. The QPSK phase of the chosen one determines two more bits for a total of 8 bits per symbol. Six bits come from which of the 64 correlators had the largest output and the last two are determined from the QPSK differential demod of that output. In the 5.5Mbps mode, only 4 of the correlator outputs are monitored. This demodulates 2 bits for which of 4 correlators had the largest output and 2 more for the QPSK demodulation of that output for a total of 4 bits per symbol.

Channel	Data Rate	Processing Gain (dB)
1	1Mbps	13.3
1	2Mbps	13.1
1	11Mbps	14.1
6	1Mbps	13.4
6	2Mbps	12.9
6	11Mbps	13.9
11	1Mbps	13.2
11	2Mbps	13.1
11	11Mbps	13.8

**Method Of Measurement:**

The CW jamming margin method was used to determine the processing gain. A CW signal generator is stepped across the passband of the receiver in 50 kHz increments. At each point the signal generator level required to obtain the recommended bit error rate is recorded. The jammer to signal ratio (J/S) is then calculated. The worst 20% of the J/S points is discarded. The lowest remaining J/S ratio is used to calculate the processing gain.

**Calculation Of Processing Gain:**

The processing gain was determined by measuring the jamming margin of the E.U.T. and using the following formula:

$$\text{Jamming Margin} = G_p - (S/N)_{\text{out}} - L_{\text{sys}}$$

For a receiver using non-coherent detection the value  $(S/N)_{\text{out}}$  is calculated using the formula:

$P_e = (1/2)\text{EXP}\{-E/2N_o\}$  where  $P_e$  is the probability of error (minimum Bit Error Rate required for proper operation).

$E/N_o$  is  $(S/N)_{\text{out}}$

for example, for a bit error rate of  $10^{-4}$  a S/N ratio of 12.3 dB is required.

$L_{\text{sys}}$  (system losses) is assumed to be 2 dB.

Therefore  $G_p = M_j + (S/N)_{\text{out}} + L_{\text{sys}}$

Data Rate	S/Nout(dB)	PER%
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1 Mbps	10.3	$\leq 8.0$
2 Mbps	13.3	$\leq 8.0$
11 Mbps	16.4	$\leq 8.0$

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2403.50	23.0	13.3	7.7	2.0	-52.3	<=8.0
2403.55	22.2	13.3	6.9	2.0	-53.1	<=8.0
2403.60	21.4	13.3	6.1	2.0	-53.9	<=8.0
2403.65	20.6	13.3	5.3	2.0	-54.7	<=8.0
2403.70	20.3	13.3	5.0	2.0	-55.0	<=8.0
2403.75	20.5	13.3	5.2	2.0	-54.8	<=8.0
2403.80	19.8	13.3	4.5	2.0	-55.5	<=8.0
2403.85	19.8	13.3	4.5	2.0	-55.5	<=8.0
2403.90	19.7	13.3	4.4	2.0	-55.6	<=8.0
2403.95	20.1	13.3	4.8	2.0	-55.2	<=8.0
2404.00	19.4	13.3	4.1	2.0	-55.9	<=8.0
2404.05	19.6	13.3	4.3	2.0	-55.7	<=8.0
2404.10	18.9	13.3	3.6	2.0	-56.4	<=8.0
2404.15	20.0	13.3	4.7	2.0	-55.3	<=8.0
2404.20	20.6	13.3	5.3	2.0	-54.7	<=8.0
2404.25	20.8	13.3	5.5	2.0	-54.5	<=8.0
2404.30	20.6	13.3	5.3	2.0	-54.7	<=8.0
2404.35	20.9	13.3	5.6	2.0	-54.4	<=8.0
2404.40	20.9	13.3	5.6	2.0	-54.4	<=8.0
2404.45	20.3	13.3	5.0	2.0	-55.0	<=8.0
2404.50	19.8	13.3	4.5	2.0	-55.5	<=8.0
2404.55	19.5	13.3	4.2	2.0	-55.8	<=8.0
2404.60	20.2	13.3	4.9	2.0	-55.1	<=8.0
2404.65	19.5	13.3	4.2	2.0	-55.8	<=8.0
2404.70	19.2	13.3	3.9	2.0	-56.1	<=8.0
2404.75	19.3	13.3	4.0	2.0	-56.0	<=8.0
2404.80	17.8	13.3	2.5	2.0	-57.5	<=8.0
2404.85	18.8	13.3	3.5	2.0	-56.5	<=8.0
2404.90	19.0	13.3	3.7	2.0	-56.3	<=8.0
2404.95	18.7	13.3	3.4	2.0	-56.6	<=8.0
2405.00	18.2	13.3	2.9	2.0	-57.1	<=8.0
2405.05	18.9	13.3	3.6	2.0	-56.4	<=8.0
2405.10	19.4	13.3	4.1	2.0	-55.9	<=8.0
2405.15	18.6	13.3	3.3	2.0	-56.7	<=8.0
2405.20	18.1	13.3	2.8	2.0	-57.2	<=8.0
2405.25	19.4	13.3	4.1	2.0	-55.9	<=8.0
2405.30	18.6	13.3	3.3	2.0	-56.7	<=8.0
2405.35	18.8	13.3	3.5	2.0	-56.5	<=8.0
2405.40	18.4	13.3	3.1	2.0	-56.9	<=8.0
2405.45	18.6	13.3	3.3	2.0	-56.7	<=8.0
2405.50	19.2	13.3	3.9	2.0	-56.1	<=8.0
2405.55	18.9	13.3	3.6	2.0	-56.4	<=8.0
2405.60	18.0	13.3	2.7	2.0	-57.3	<=8.0
2405.65	18.0	13.3	2.7	2.0	-57.3	<=8.0
2405.70	17.5	13.3	2.2	2.0	-57.8	<=8.0
2405.75	16.7	13.3	1.4	2.0	-58.6	<=8.0
2405.80	17.4	13.3	2.1	2.0	-57.9	<=8.0
2405.85	17.0	13.3	1.7	2.0	-58.3	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2405.90	16.1	13.3	0.8	2.0	-59.2	<=8.0
2405.95	15.0	13.3	-0.3	2.0	-60.3	<=8.0
2406.00	15.9	13.3	0.6	2.0	-59.4	<=8.0
2406.05	15.0	13.3	-0.3	2.0	-60.3	<=8.0
2406.10	15.2	13.3	-0.1	2.0	-60.1	<=8.0
2406.15	15.0	13.3	-0.3	2.0	-60.3	<=8.0
2406.20	15.6	13.3	0.3	2.0	-59.7	<=8.0
2406.25	16.7	13.3	1.4	2.0	-58.6	<=8.0
2406.30	18.2	13.3	2.9	2.0	-57.1	<=8.0
2406.35	18.0	13.3	2.7	2.0	-57.3	<=8.0
2406.40	18.7	13.3	3.4	2.0	-56.6	<=8.0
2406.45	19.6	13.3	4.3	2.0	-55.7	<=8.0
2406.50	20.9	13.3	5.6	2.0	-54.4	<=8.0
2406.55	23.8	13.3	8.5	2.0	-51.5	<=8.0
2406.60	25.6	13.3	10.3	2.0	-49.7	<=8.0
2406.65	25.5	13.3	10.2	2.0	-49.8	<=8.0
2406.70	23.0	13.3	7.7	2.0	-52.3	<=8.0
2406.75	21.1	13.3	5.8	2.0	-54.2	<=8.0
2406.80	18.5	13.3	3.2	2.0	-56.8	<=8.0
2406.85	17.4	13.3	2.1	2.0	-57.9	<=8.0
2406.90	17.4	13.3	2.1	2.0	-57.9	<=8.0
2406.95	16.9	13.3	1.6	2.0	-58.4	<=8.0
2407.00	17.0	13.3	1.7	2.0	-58.3	<=8.0
2407.05	16.5	13.3	1.2	2.0	-58.8	<=8.0
2407.10	16.7	13.3	1.4	2.0	-58.6	<=8.0
2407.15	16.3	13.3	1.0	2.0	-59.0	<=8.0
2407.20	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2407.25	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2407.30	15.2	13.3	-0.1	2.0	-60.1	<=8.0
2407.35	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2407.40	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2407.45	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2407.50	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2407.55	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2407.60	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2407.65	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2407.70	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2407.75	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2407.80	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2407.85	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2407.90	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2407.95	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2408.00	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2408.05	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2408.10	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2408.15	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2408.20	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2408.25	13.1	13.3	-2.2	2.0	-62.2	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2408.30	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2408.35	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2408.40	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2408.45	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2408.50	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2408.55	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2408.60	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2408.65	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2408.70	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2408.75	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2408.80	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2408.85	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2408.90	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2408.95	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2409.00	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2409.05	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2409.10	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2409.15	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2409.20	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2409.25	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2409.30	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2409.35	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2409.40	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2409.45	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2409.50	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2409.55	12.1	13.3	-3.2	2.0	-63.2	<=8.0
2409.60	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2409.65	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2409.70	12.0	13.3	-3.3	2.0	-63.3	<=8.0
2409.75	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2409.80	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2409.85	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2409.90	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2409.95	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2410.00	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2410.05	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2410.10	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2410.15	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2410.20	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2410.25	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2410.30	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2410.35	11.9	13.3	-3.4	2.0	-63.4	<=8.0
2410.40	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2410.45	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2410.50	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2410.55	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2410.60	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2410.65	13.6	13.3	-1.7	2.0	-61.7	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2410.70	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2410.75	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2410.80	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2410.85	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2410.90	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2410.95	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2411.00	15.0	13.3	-0.3	2.0	-60.3	<=8.0
2411.05	16.1	13.3	0.8	2.0	-59.2	<=8.0
2411.10	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2411.15	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2411.20	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2411.25	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2411.30	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2411.35	11.4	13.3	-3.9	2.0	-63.9	<=8.0
2411.40	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2411.45	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2411.50	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2411.55	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2411.60	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2411.65	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2411.70	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2411.75	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2411.80	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2411.85	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2411.90	16.7	13.3	1.4	2.0	-58.6	<=8.0
2411.95	17.2	13.3	1.9	2.0	-58.1	<=8.0
2412.00	21.5	13.3	6.2	2.0	-53.8	<=8.0
2412.05	22.9	13.3	7.6	2.0	-52.4	<=8.0
2412.10	24.2	13.3	8.9	2.0	-51.1	<=8.0
2412.15	23.7	13.3	8.4	2.0	-51.6	<=8.0
2412.20	24.9	13.3	9.6	2.0	-50.4	<=8.0
2412.25	22.6	13.3	7.3	2.0	-52.7	<=8.0
2412.30	21.5	13.3	6.2	2.0	-53.8	<=8.0
2412.35	17.4	13.3	2.1	2.0	-57.9	<=8.0
2412.40	18.0	13.3	2.7	2.0	-57.3	<=8.0
2412.45	17.2	13.3	1.9	2.0	-58.1	<=8.0
2412.50	17.3	13.3	2.0	2.0	-58.0	<=8.0
2412.55	16.5	13.3	1.2	2.0	-58.8	<=8.0
2412.60	14.8	13.3	-0.5	2.0	-60.5	<=8.0
2412.65	15.1	13.3	-0.2	2.0	-60.2	<=8.0
2412.70	12.1	13.3	-3.2	2.0	-63.2	<=8.0
2412.75	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2412.80	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2412.85	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2412.90	12.0	13.3	-3.3	2.0	-63.3	<=8.0
2412.95	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2413.00	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2413.05	13.6	13.3	-1.7	2.0	-61.7	<=8.0



**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2413.10	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2413.15	14.8	13.3	-0.5	2.0	-60.5	<=8.0
2413.20	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2413.25	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2413.30	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2413.35	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2413.40	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2413.45	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2413.50	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2413.55	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2413.60	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2413.65	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2413.70	11.9	13.3	-3.4	2.0	-63.4	<=8.0
2413.75	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2413.80	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2413.85	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2413.90	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2413.95	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2414.00	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2414.05	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2414.10	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2414.15	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2414.20	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2414.25	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2414.30	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2414.35	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2414.40	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2414.45	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2414.50	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2414.55	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2414.60	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2414.65	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2414.70	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2414.75	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2414.80	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2414.85	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2414.90	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2414.95	11.6	13.3	-3.7	2.0	-63.7	<=8.0
2415.00	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2415.05	11.9	13.3	-3.4	2.0	-63.4	<=8.0
2415.10	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2415.15	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2415.20	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2415.25	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2415.30	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2415.35	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2415.40	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2415.45	14.0	13.3	-1.3	2.0	-61.3	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2415.50	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2415.55	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2415.60	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2415.65	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2415.70	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2415.75	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2415.80	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2415.85	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2415.90	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2415.95	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2416.00	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2416.05	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2416.10	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2416.15	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2416.20	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2416.25	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2416.30	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2416.35	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2416.40	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2416.45	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2416.50	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2416.55	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2416.60	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2416.65	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2416.70	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2416.75	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2416.80	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2416.85	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2416.90	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2416.95	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2417.00	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2417.05	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2417.10	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2417.15	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2417.20	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2417.25	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2417.30	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2417.35	16.2	13.3	0.9	2.0	-59.1	<=8.0
2417.40	17.3	13.3	2.0	2.0	-58.0	<=8.0
2417.45	19.2	13.3	3.9	2.0	-56.1	<=8.0
2417.50	22.3	13.3	7.0	2.0	-53.0	<=8.0
2417.55	23.7	13.3	8.4	2.0	-51.6	<=8.0
2417.60	25.1	13.3	9.8	2.0	-50.2	<=8.0
2417.65	25.4	13.3	10.1	2.0	-49.9	<=8.0
2417.70	24.7	13.3	9.4	2.0	-50.6	<=8.0
2417.75	24.3	13.3	9.0	2.0	-51.0	<=8.0
2417.80	22.5	13.3	7.2	2.0	-52.8	<=8.0
2417.85	20.9	13.3	5.6	2.0	-54.4	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 1 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)	(%)
2417.90	19.9	13.3	4.6	2.0	-55.4	<=8.0
2417.95	18.6	13.3	3.3	2.0	-56.7	<=8.0
2418.00	18.7	13.3	3.4	2.0	-56.6	<=8.0
2418.05	18.7	13.3	3.4	2.0	-56.6	<=8.0
2418.10	17.7	13.3	2.4	2.0	-57.6	<=8.0
2418.15	17.3	13.3	2.0	2.0	-58.0	<=8.0
2418.20	17.2	13.3	1.9	2.0	-58.1	<=8.0
2418.25	17.3	13.3	2.0	2.0	-58.0	<=8.0
2418.30	17.2	13.3	1.9	2.0	-58.1	<=8.0
2418.35	16.9	13.3	1.6	2.0	-58.4	<=8.0
2418.40	16.7	13.3	1.4	2.0	-58.6	<=8.0
2418.45	16.4	13.3	1.1	2.0	-58.9	<=8.0
2418.50	16.3	13.3	1.0	2.0	-59.0	<=8.0
2418.55	16.6	13.3	1.3	2.0	-58.7	<=8.0
2418.60	16.2	13.3	0.9	2.0	-59.1	<=8.0
2418.65	16.8	13.3	1.5	2.0	-58.5	<=8.0
2418.70	16.4	13.3	1.1	2.0	-58.9	<=8.0
2418.75	16.4	13.3	1.1	2.0	-58.9	<=8.0
2418.80	18.1	13.3	2.8	2.0	-57.2	<=8.0
2418.85	17.5	13.3	2.2	2.0	-57.8	<=8.0
2418.90	17.8	13.3	2.5	2.0	-57.5	<=8.0
2418.95	18.2	13.3	2.9	2.0	-57.1	<=8.0
2419.00	17.9	13.3	2.6	2.0	-57.4	<=8.0
2419.05	18.1	13.3	2.8	2.0	-57.2	<=8.0
2419.10	18.7	13.3	3.4	2.0	-56.6	<=8.0
2419.15	18.7	13.3	3.4	2.0	-56.6	<=8.0
2419.20	19.5	13.3	4.2	2.0	-55.8	<=8.0
2419.25	19.1	13.3	3.8	2.0	-56.2	<=8.0
2419.30	19.9	13.3	4.6	2.0	-55.4	<=8.0
2419.35	19.5	13.3	4.2	2.0	-55.8	<=8.0
2419.40	19.7	13.3	4.4	2.0	-55.6	<=8.0
2419.45	20.1	13.3	4.8	2.0	-55.2	<=8.0
2419.50	20.5	13.3	5.2	2.0	-54.8	<=8.0
2419.55	21.1	13.3	5.8	2.0	-54.2	<=8.0
2419.60	20.4	13.3	5.1	2.0	-54.9	<=8.0
2419.65	20.4	13.3	5.1	2.0	-54.9	<=8.0
2419.70	21.5	13.3	6.2	2.0	-53.8	<=8.0
2419.75	20.5	13.3	5.2	2.0	-54.8	<=8.0
2419.80	21.3	13.3	6.0	2.0	-54.0	<=8.0
2419.85	20.7	13.3	5.4	2.0	-54.6	<=8.0
2419.90	20.8	13.3	5.5	2.0	-54.5	<=8.0
2419.95	21.3	13.3	6.0	2.0	-54.0	<=8.0
2420.00	20.9	13.3	5.6	2.0	-54.4	<=8.0
2420.05	21.8	13.3	6.5	2.0	-53.5	<=8.0
2420.10	21.7	13.3	6.4	2.0	-53.6	<=8.0
2420.15	21.5	13.3	6.2	2.0	-53.8	<=8.0
2420.20	21.1	13.3	5.8	2.0	-54.2	<=8.0
2420.25	22.7	13.3	7.4	2.0	-52.6	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	22.9	13.3	7.6	2.0	-52.4	<=8.0
2420.35	22.8	13.3	7.5	2.0	-52.5	<=8.0
2420.40	23.1	13.3	7.8	2.0	-52.2	<=8.0
2420.45	22.9	13.3	7.6	2.0	-52.4	<=8.0
2420.50	22.9	13.3	7.6	2.0	-52.4	<=8.0

**Processing Gain (dB) @ 80th Percentile = 13.1**

**ISL3685  
HFA3783  
ISL3183  
ISL3874**

Processing Gain (dB)	XMIT level	-60.0		
	<b>S/N+Ls</b>	<b>15.3</b>		
	<b>0dB J/S</b>	<b>0.0</b>		
PG	Offset	Signal Generator Delta		
23.0	-8500	7.7		
22.2	-8450	6.9		
21.4	-8400	6.1		
20.6	-8350	5.3		
20.3	-8300	5.0		
20.5	-8250	5.2		
19.8	-8200	4.5		
19.8	-8150	4.5		
19.7	-8100	4.4		
20.1	-8050	4.8		
19.4	-8000	4.1		
19.6	-7950	4.3		
18.9	-7900	3.6		
20.0	-7850	4.7		
20.6	-7800	5.3		
20.8	-7750	5.5		
20.6	-7700	5.3		
20.9	-7650	5.6		
20.9	-7600	5.6		
20.3	-7550	5.0		
19.8	-7500	4.5		
19.5	-7450	4.2		
20.2	-7400	4.9		
19.5	-7350	4.2		
19.2	-7300	3.9		
19.3	-7250	4.0		
17.8	-7200	2.5		
18.8	-7150	3.5		
19.0	-7100	3.7		
18.7	-7050	3.4		
18.2	-7000	2.9		
18.9	-6950	3.6		
19.4	-6900	4.1		
18.6	-6850	3.3		
18.1	-6800	2.8		
19.4	-6750	4.1		
18.6	-6700	3.3		
18.8	-6650	3.5		
18.4	-6600	3.1		
18.6	-6550	3.3		
19.2	-6500	3.9		
18.9	-6450	3.6		
18.0	-6400	2.7		
18.0	-6350	2.7		
17.5	-6300	2.2		
16.7	-6250	1.4		
17.4	-6200	2.1		

17.0	-6150	1.7		
16.1	-6100	0.8		
15.0	-6050	-0.3		
15.9	-6000	0.6		
15.0	-5950	-0.3		
15.2	-5900	-0.1		
15.0	-5850	-0.3		
15.6	-5800	0.3		
16.7	-5750	1.4		
18.2	-5700	2.9		
18.0	-5650	2.7		
18.7	-5600	3.4		
19.6	-5550	4.3		
20.9	-5500	5.6		
23.8	-5450	8.5		
25.6	-5400	10.3		
25.5	-5350	10.2		
23.0	-5300	7.7		
21.1	-5250	5.8		
18.5	-5200	3.2		
17.4	-5150	2.1		
17.4	-5100	2.1		
16.9	-5050	1.6		
17.0	-5000	1.7		
16.5	-4950	1.2		
16.7	-4900	1.4		
16.3	-4850	1.0		
14.7	-4800	-0.6		
14.7	-4750	-0.6		
15.2	-4700	-0.1		
14.6	-4650	-0.7		
13.9	-4600	-1.4		
14.0	-4550	-1.3		
13.3	-4500	-2.0		
12.8	-4450	-2.5		
13.1	-4400	-2.2		
13.1	-4350	-2.2		
13.2	-4300	-2.1		
13.3	-4250	-2.0		
13.3	-4200	-2.0		
13.8	-4150	-1.5		
13.8	-4100	-1.5		
13.5	-4050	-1.8		
13.6	-4000	-1.7		
13.3	-3950	-2.0		
12.8	-3900	-2.5		
13.5	-3850	-1.8		
13.9	-3800	-1.4		
13.1	-3750	-2.2		
13.3	-3700	-2.0		
13.7	-3650	-1.6		
12.4	-3600	-2.9		

12.9	-3550	-2.4		
12.3	-3500	-3.0		
13.6	-3450	-1.7		
13.5	-3400	-1.8		
12.7	-3350	-2.6		
13.2	-3300	-2.1		
13.3	-3250	-2.0		
13.4	-3200	-1.9		
13.0	-3150	-2.3		
12.4	-3100	-2.9		
13.0	-3050	-2.3		
12.9	-3000	-2.4		
13.4	-2950	-1.9		
13.5	-2900	-1.8		
12.4	-2850	-2.9		
12.9	-2800	-2.4		
13.5	-2750	-1.8		
12.4	-2700	-2.9		
13.8	-2650	-1.5		
12.4	-2600	-2.9		
12.3	-2550	-3.0		
12.7	-2500	-2.6		
12.1	-2450	-3.2		
12.8	-2400	-2.5		
13.0	-2350	-2.3		
12.0	-2300	-3.3		
13.4	-2250	-1.9		
13.5	-2200	-1.8		
12.9	-2150	-2.4		
13.4	-2100	-1.9		
12.3	-2050	-3.0		
12.6	-2000	-2.7		
13.0	-1950	-2.3		
13.1	-1900	-2.2		
13.5	-1850	-1.8		
13.3	-1800	-2.0		
12.4	-1750	-2.9		
13.5	-1700	-1.8		
11.9	-1650	-3.4		
12.7	-1600	-2.6		
12.9	-1550	-2.4		
13.5	-1500	-1.8		
12.9	-1450	-2.4		
12.8	-1400	-2.5		
13.6	-1350	-1.7		
12.8	-1300	-2.5		
12.8	-1250	-2.5		
13.1	-1200	-2.2		
13.4	-1150	-1.9		
12.3	-1100	-3.0		
13.0	-1050	-2.3		
15.0	-1000	-0.3		

16.1	-950	0.8		
14.4	-900	-0.9		
14.9	-850	-0.4		
14.7	-800	-0.6		
14.9	-750	-0.4		
14.6	-700	-0.7		
11.4	-650	-3.9		
13.0	-600	-2.3		
12.7	-550	-2.6		
13.2	-500	-2.1		
12.7	-450	-2.6		
12.3	-400	-3.0		
12.5	-350	-2.8		
12.7	-300	-2.6		
13.1	-250	-2.2		
13.4	-200	-1.9		
14.5	-150	-0.8		
16.7	-100	1.4		
17.2	-50	1.9		
21.5	0	6.2		
22.9	50	7.6		
24.2	100	8.9		
23.7	150	8.4		
24.9	200	9.6		
22.6	250	7.3		
21.5	300	6.2		
17.4	350	2.1		
18.0	400	2.7		
17.2	450	1.9		
17.3	500	2.0		
16.5	550	1.2		
14.8	600	-0.5		
15.1	650	-0.2		
12.1	700	-3.2		
14.9	750	-0.4		
14.2	800	-1.1		
13.8	850	-1.5		
12.0	900	-3.3		
13.5	950	-1.8		
12.9	1000	-2.4		
13.6	1050	-1.7		
14.6	1100	-0.7		
14.8	1150	-0.5		
14.3	1200	-1.0		
14.3	1250	-1.0		
14.4	1300	-0.9		
13.1	1350	-2.2		
13.8	1400	-1.5		
14.9	1450	-0.4		
14.4	1500	-0.9		
14.3	1550	-1.0		
14.5	1600	-0.8		



14.3	1650	-1.0		
11.9	1700	-3.4		
13.6	1750	-1.7		
14.1	1800	-1.2		
13.4	1850	-1.9		
12.4	1900	-2.9		
13.9	1950	-1.4		
14.3	2000	-1.0		
13.8	2050	-1.5		
14.4	2100	-0.9		
13.4	2150	-1.9		
14.5	2200	-0.8		
13.6	2250	-1.7		
14.2	2300	-1.1		
13.1	2350	-2.2		
12.3	2400	-3.0		
12.3	2450	-3.0		
14.0	2500	-1.3		
13.6	2550	-1.7		
12.9	2600	-2.4		
13.8	2650	-1.5		
12.8	2700	-2.5		
13.0	2750	-2.3		
13.3	2800	-2.0		
13.8	2850	-1.5		
12.6	2900	-2.7		
11.6	2950	-3.7		
12.5	3000	-2.8		
11.9	3050	-3.4		
12.7	3100	-2.6		
13.2	3150	-2.1		
13.4	3200	-1.9		
13.5	3250	-1.8		
13.9	3300	-1.4		
13.3	3350	-2.0		
13.8	3400	-1.5		
14.0	3450	-1.3		
13.8	3500	-1.5		
13.5	3550	-1.8		
14.2	3600	-1.1		
14.1	3650	-1.2		
12.9	3700	-2.4		
12.9	3750	-2.4		
13.2	3800	-2.1		
14.1	3850	-1.2		
12.7	3900	-2.6		
12.6	3950	-2.7		
12.7	4000	-2.6		
13.1	4050	-2.2		
13.0	4100	-2.3		
12.7	4150	-2.6		
14.4	4200	-0.9		

14.3	4250	-1.0		
13.9	4300	-1.4		
13.9	4350	-1.4		
14.0	4400	-1.3		
14.1	4450	-1.2		
14.2	4500	-1.1		
14.4	4550	-0.9		
13.9	4600	-1.4		
13.2	4650	-2.1		
13.3	4700	-2.0		
14.1	4750	-1.2		
14.2	4800	-1.1		
14.2	4850	-1.1		
12.5	4900	-2.8		
13.0	4950	-2.3		
13.5	5000	-1.8		
14.0	5050	-1.3		
14.1	5100	-1.2		
13.1	5150	-2.2		
14.7	5200	-0.6		
13.7	5250	-1.6		
14.7	5300	-0.6		
16.2	5350	0.9		
17.3	5400	2.0		
19.2	5450	3.9		
22.3	5500	7.0		
23.7	5550	8.4		
25.1	5600	9.8		
25.4	5650	10.1		
24.7	5700	9.4		
24.3	5750	9.0		
22.5	5800	7.2		
20.9	5850	5.6		
19.9	5900	4.6		
18.6	5950	3.3		
18.7	6000	3.4		
18.7	6050	3.4		
17.7	6100	2.4		
17.3	6150	2.0		
17.2	6200	1.9		
17.3	6250	2.0		
17.2	6300	1.9		
16.9	6350	1.6		
16.7	6400	1.4		
16.4	6450	1.1		
16.3	6500	1.0		
16.6	6550	1.3		
16.2	6600	0.9		
16.8	6650	1.5		
16.4	6700	1.1		
16.4	6750	1.1		
18.1	6800	2.8		



**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2403.50	23.2	16.4	4.8	2.0	-56.2	<=8.0
2403.55	22.5	16.4	4.1	2.0	-56.9	<=8.0
2403.60	23.0	16.4	4.6	2.0	-56.4	<=8.0
2403.65	22.7	16.4	4.3	2.0	-56.7	<=8.0
2403.70	22.5	16.4	4.1	2.0	-56.9	<=8.0
2403.75	23.2	16.4	4.8	2.0	-56.2	<=8.0
2403.80	23.2	16.4	4.8	2.0	-56.2	<=8.0
2403.85	23.4	16.4	5.0	2.0	-56.0	<=8.0
2403.90	23.6	16.4	5.2	2.0	-55.8	<=8.0
2403.95	23.1	16.4	4.7	2.0	-56.3	<=8.0
2404.00	23.1	16.4	4.7	2.0	-56.3	<=8.0
2404.05	23.1	16.4	4.7	2.0	-56.3	<=8.0
2404.10	24.0	16.4	5.6	2.0	-55.4	<=8.0
2404.15	23.1	16.4	4.7	2.0	-56.3	<=8.0
2404.20	23.6	16.4	5.2	2.0	-55.8	<=8.0
2404.25	25.3	16.4	6.9	2.0	-54.1	<=8.0
2404.30	24.4	16.4	6.0	2.0	-55.0	<=8.0
2404.35	24.3	16.4	5.9	2.0	-55.1	<=8.0
2404.40	23.7	16.4	5.3	2.0	-55.7	<=8.0
2404.45	22.3	16.4	3.9	2.0	-57.1	<=8.0
2404.50	22.8	16.4	4.4	2.0	-56.6	<=8.0
2404.55	22.5	16.4	4.1	2.0	-56.9	<=8.0
2404.60	22.2	16.4	3.8	2.0	-57.2	<=8.0
2404.65	22.7	16.4	4.3	2.0	-56.7	<=8.0
2404.70	22.3	16.4	3.9	2.0	-57.1	<=8.0
2404.75	21.9	16.4	3.5	2.0	-57.5	<=8.0
2404.80	22.1	16.4	3.7	2.0	-57.3	<=8.0
2404.85	22.4	16.4	4.0	2.0	-57.0	<=8.0
2404.90	22.1	16.4	3.7	2.0	-57.3	<=8.0
2404.95	21.9	16.4	3.5	2.0	-57.5	<=8.0
2405.00	21.4	16.4	3.0	2.0	-58.0	<=8.0
2405.05	22.3	16.4	3.9	2.0	-57.1	<=8.0
2405.10	21.5	16.4	3.1	2.0	-57.9	<=8.0
2405.15	21.5	16.4	3.1	2.0	-57.9	<=8.0
2405.20	20.8	16.4	2.4	2.0	-58.6	<=8.0
2405.25	20.4	16.4	2.0	2.0	-59.0	<=8.0
2405.30	20.0	16.4	1.6	2.0	-59.4	<=8.0
2405.35	20.1	16.4	1.7	2.0	-59.3	<=8.0
2405.40	19.3	16.4	0.9	2.0	-60.1	<=8.0
2405.45	19.9	16.4	1.5	2.0	-59.5	<=8.0
2405.50	19.8	16.4	1.4	2.0	-59.6	<=8.0
2405.55	19.8	16.4	1.4	2.0	-59.6	<=8.0
2405.60	19.4	16.4	1.0	2.0	-60.0	<=8.0
2405.65	18.7	16.4	0.3	2.0	-60.7	<=8.0
2405.70	19.0	16.4	0.6	2.0	-60.4	<=8.0
2405.75	18.6	16.4	0.2	2.0	-60.8	<=8.0
2405.80	18.9	16.4	0.5	2.0	-60.5	<=8.0
2405.85	18.6	16.4	0.2	2.0	-60.8	<=8.0

**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2405.90	18.6	16.4	0.2	2.0	-60.8	<=8.0
2405.95	18.6	16.4	0.2	2.0	-60.8	<=8.0
2406.00	19.0	16.4	0.6	2.0	-60.4	<=8.0
2406.05	18.4	16.4	0.0	2.0	-61.0	<=8.0
2406.10	18.6	16.4	0.2	2.0	-60.8	<=8.0
2406.15	18.0	16.4	-0.4	2.0	-61.4	<=8.0
2406.20	18.0	16.4	-0.4	2.0	-61.4	<=8.0
2406.25	17.9	16.4	-0.5	2.0	-61.5	<=8.0
2406.30	17.5	16.4	-0.9	2.0	-61.9	<=8.0
2406.35	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2406.40	17.3	16.4	-1.1	2.0	-62.1	<=8.0
2406.45	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2406.50	17.3	16.4	-1.1	2.0	-62.1	<=8.0
2406.55	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2406.60	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2406.65	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2406.70	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2406.75	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2406.80	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2406.85	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2406.90	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2406.95	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2407.00	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2407.05	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2407.10	16.0	16.4	-2.4	2.0	-63.4	<=8.0
2407.15	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2407.20	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2407.25	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2407.30	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2407.35	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2407.40	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2407.45	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2407.50	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2407.55	16.0	16.4	-2.4	2.0	-63.4	<=8.0
2407.60	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2407.65	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2407.70	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2407.75	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2407.80	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2407.85	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2407.90	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2407.95	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2408.00	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2408.05	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2408.10	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2408.15	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2408.20	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2408.25	15.2	16.4	-3.2	2.0	-64.2	<=8.0

**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2408.30	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2408.35	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2408.40	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2408.45	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2408.50	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2408.55	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2408.60	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2408.65	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2408.70	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2408.75	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2408.80	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2408.85	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2408.90	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2408.95	15.0	16.4	-3.4	2.0	-64.4	<=8.0
2409.00	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2409.05	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2409.10	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2409.15	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2409.20	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2409.25	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2409.30	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2409.35	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2409.40	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2409.45	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2409.50	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2409.55	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2409.60	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2409.65	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2409.70	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2409.75	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2409.80	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2409.85	13.0	16.4	-5.4	2.0	-66.4	<=8.0
2409.90	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2409.95	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2410.00	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2410.05	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2410.10	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2410.15	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2410.20	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2410.25	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2410.30	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2410.35	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2410.40	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2410.45	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2410.50	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2410.55	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2410.60	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2410.65	14.0	16.4	-4.4	2.0	-65.4	<=8.0

**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2410.70	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2410.75	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2410.80	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2410.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2410.90	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2410.95	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2411.00	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2411.05	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2411.10	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2411.15	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2411.20	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2411.25	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2411.30	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2411.35	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2411.40	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2411.45	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2411.50	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2411.55	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2411.60	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2411.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2411.70	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2411.75	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2411.80	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2411.85	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2411.90	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2411.95	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2412.00	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2412.05	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2412.10	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2412.15	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2412.20	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2412.25	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2412.30	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2412.35	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2412.40	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2412.45	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2412.50	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2412.55	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2412.60	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2412.65	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2412.70	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2412.75	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2412.80	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2412.85	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2412.90	13.0	16.4	-5.4	2.0	-66.4	<=8.0
2412.95	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2413.00	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2413.05	14.0	16.4	-4.4	2.0	-65.4	<=8.0

**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2413.10	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2413.15	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2413.20	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2413.25	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2413.30	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2413.35	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2413.40	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2413.45	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2413.50	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2413.55	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2413.60	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2413.65	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2413.70	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2413.75	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2413.80	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2413.85	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2413.90	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2413.95	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2414.00	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2414.05	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2414.10	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2414.15	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2414.20	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2414.25	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2414.30	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2414.35	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2414.40	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2414.45	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2414.50	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2414.55	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2414.60	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2414.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2414.70	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2414.75	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2414.80	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2414.85	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2414.90	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2414.95	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2415.00	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2415.05	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2415.10	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2415.15	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2415.20	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2415.25	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2415.30	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2415.35	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2415.40	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2415.45	14.2	16.4	-4.2	2.0	-65.2	<=8.0



**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2415.50	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2415.55	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2415.60	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2415.65	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2415.70	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2415.75	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2415.80	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2415.85	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2415.90	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2415.95	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2416.00	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2416.05	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2416.10	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2416.15	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2416.20	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2416.25	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2416.30	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2416.35	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2416.40	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2416.45	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2416.50	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2416.55	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2416.60	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2416.65	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2416.70	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2416.75	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2416.80	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2416.85	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2416.90	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2416.95	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2417.00	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2417.05	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2417.10	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2417.15	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2417.20	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2417.25	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2417.30	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2417.35	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2417.40	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2417.45	17.0	16.4	-1.4	2.0	-62.4	<=8.0
2417.50	17.5	16.4	-0.9	2.0	-61.9	<=8.0
2417.55	17.6	16.4	-0.8	2.0	-61.8	<=8.0
2417.60	17.0	16.4	-1.4	2.0	-62.4	<=8.0
2417.65	17.6	16.4	-0.8	2.0	-61.8	<=8.0
2417.70	17.3	16.4	-1.1	2.0	-62.1	<=8.0
2417.75	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2417.80	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2417.85	17.8	16.4	-0.6	2.0	-61.6	<=8.0

**Processing Gain**

ISL37400M

11Mbps CHANNEL 1 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)	(%)
2417.90	18.4	16.4	0.0	2.0	-61.0	<=8.0
2417.95	18.5	16.4	0.1	2.0	-60.9	<=8.0
2418.00	18.2	16.4	-0.2	2.0	-61.2	<=8.0
2418.05	18.1	16.4	-0.3	2.0	-61.3	<=8.0
2418.10	18.6	16.4	0.2	2.0	-60.8	<=8.0
2418.15	18.1	16.4	-0.3	2.0	-61.3	<=8.0
2418.20	18.4	16.4	0.0	2.0	-61.0	<=8.0
2418.25	19.1	16.4	0.7	2.0	-60.3	<=8.0
2418.30	19.2	16.4	0.8	2.0	-60.2	<=8.0
2418.35	19.4	16.4	1.0	2.0	-60.0	<=8.0
2418.40	18.9	16.4	0.5	2.0	-60.5	<=8.0
2418.45	18.8	16.4	0.4	2.0	-60.6	<=8.0
2418.50	19.4	16.4	1.0	2.0	-60.0	<=8.0
2418.55	19.8	16.4	1.4	2.0	-59.6	<=8.0
2418.60	19.4	16.4	1.0	2.0	-60.0	<=8.0
2418.65	19.7	16.4	1.3	2.0	-59.7	<=8.0
2418.70	19.7	16.4	1.3	2.0	-59.7	<=8.0
2418.75	20.4	16.4	2.0	2.0	-59.0	<=8.0
2418.80	20.7	16.4	2.3	2.0	-58.7	<=8.0
2418.85	20.8	16.4	2.4	2.0	-58.6	<=8.0
2418.90	20.2	16.4	1.8	2.0	-59.2	<=8.0
2418.95	21.1	16.4	2.7	2.0	-58.3	<=8.0
2419.00	21.3	16.4	2.9	2.0	-58.1	<=8.0
2419.05	21.2	16.4	2.8	2.0	-58.2	<=8.0
2419.10	21.3	16.4	2.9	2.0	-58.1	<=8.0
2419.15	22.2	16.4	3.8	2.0	-57.2	<=8.0
2419.20	22.2	16.4	3.8	2.0	-57.2	<=8.0
2419.25	22.7	16.4	4.3	2.0	-56.7	<=8.0
2419.30	22.6	16.4	4.2	2.0	-56.8	<=8.0
2419.35	22.9	16.4	4.5	2.0	-56.5	<=8.0
2419.40	22.8	16.4	4.4	2.0	-56.6	<=8.0
2419.45	23.5	16.4	5.1	2.0	-55.9	<=8.0
2419.50	23.6	16.4	5.2	2.0	-55.8	<=8.0
2419.55	24.1	16.4	5.7	2.0	-55.3	<=8.0
2419.60	24.3	16.4	5.9	2.0	-55.1	<=8.0
2419.65	24.6	16.4	6.2	2.0	-54.8	<=8.0
2419.70	25.2	16.4	6.8	2.0	-54.2	<=8.0
2419.75	24.8	16.4	6.4	2.0	-54.6	<=8.0
2419.80	25.2	16.4	6.8	2.0	-54.2	<=8.0
2419.85	25.3	16.4	6.9	2.0	-54.1	<=8.0
2419.90	25.1	16.4	6.7	2.0	-54.3	<=8.0
2419.95	25.9	16.4	7.5	2.0	-53.5	<=8.0
2420.00	26.5	16.4	8.1	2.0	-52.9	<=8.0
2420.05	26.1	16.4	7.7	2.0	-53.3	<=8.0
2420.10	26.9	16.4	8.5	2.0	-52.5	<=8.0
2420.15	27.3	16.4	8.9	2.0	-52.1	<=8.0
2420.20	27.2	16.4	8.8	2.0	-52.2	<=8.0
2420.25	27.3	16.4	8.9	2.0	-52.1	<=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	27.6	16.4	9.2	2.0	-51.8	<=8.0
2420.35	28.2	16.4	9.8	2.0	-51.2	<=8.0
2420.40	27.7	16.4	9.3	2.0	-51.7	<=8.0
2420.45	27.4	16.4	9.0	2.0	-52.0	<=8.0
2420.50	27.5	16.4	9.1	2.0	-51.9	<=8.0

**Processing Gain @ 80th Percentile(dB) = 14.1**

Processing Gain (dB)	XMIT level	-61.0
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
23.2	-8500	4.8
22.5	-8450	4.1
23.0	-8400	4.6
22.7	-8350	4.3
22.5	-8300	4.1
23.2	-8250	4.8
23.2	-8200	4.8
23.4	-8150	5.0
23.6	-8100	5.2
23.1	-8050	4.7
23.1	-8000	4.7
23.1	-7950	4.7
24.0	-7900	5.6
23.1	-7850	4.7
23.6	-7800	5.2
25.3	-7750	6.9
24.4	-7700	6.0
24.3	-7650	5.9
23.7	-7600	5.3
22.3	-7550	3.9
22.8	-7500	4.4
22.5	-7450	4.1
22.2	-7400	3.8
22.7	-7350	4.3
22.3	-7300	3.9
21.9	-7250	3.5
22.1	-7200	3.7
22.4	-7150	4.0
22.1	-7100	3.7
21.9	-7050	3.5
21.4	-7000	3.0
22.3	-6950	3.9
21.5	-6900	3.1
21.5	-6850	3.1
20.8	-6800	2.4
20.4	-6750	2.0
20.0	-6700	1.6
20.1	-6650	1.7
19.3	-6600	0.9
19.9	-6550	1.5
19.8	-6500	1.4
19.8	-6450	1.4
19.4	-6400	1.0
18.7	-6350	0.3
19.0	-6300	0.6
18.6	-6250	0.2
18.9	-6200	0.5

18.6	-6150	0.2
18.6	-6100	0.2
18.6	-6050	0.2
19.0	-6000	0.6
18.4	-5950	0.0
18.6	-5900	0.2
18.0	-5850	-0.4
18.0	-5800	-0.4
17.9	-5750	-0.5
17.5	-5700	-0.9
17.7	-5650	-0.7
17.3	-5600	-1.1
16.6	-5550	-1.8
17.3	-5500	-1.1
15.9	-5450	-2.5
16.6	-5400	-1.8
16.3	-5350	-2.1
15.8	-5300	-2.6
16.1	-5250	-2.3
16.4	-5200	-2.0
16.1	-5150	-2.3
16.6	-5100	-1.8
16.7	-5050	-1.7
15.7	-5000	-2.7
16.3	-4950	-2.1
16.0	-4900	-2.4
16.2	-4850	-2.2
16.2	-4800	-2.2
16.5	-4750	-1.9
16.5	-4700	-1.9
15.6	-4650	-2.8
15.6	-4600	-2.8
16.1	-4550	-2.3
15.8	-4500	-2.6
16.0	-4450	-2.4
15.5	-4400	-2.9
15.7	-4350	-2.7
15.1	-4300	-3.3
14.8	-4250	-3.6
15.4	-4200	-3.0
14.6	-4150	-3.8
14.6	-4100	-3.8
15.2	-4050	-3.2
14.3	-4000	-4.1
14.7	-3950	-3.7
14.6	-3900	-3.8
15.2	-3850	-3.2
14.7	-3800	-3.7
15.2	-3750	-3.2
15.2	-3700	-3.2
14.3	-3650	-4.1
14.2	-3600	-4.2

ISL37400M, rev A, s/n 38  
CH6 Processing Gain  
11 MB Data Rate

Revised SDC Processing Gain

Measured by:  
S. Rothwell

14.9	-3550	-3.5
14.6	-3500	-3.8
14.3	-3450	-4.1
14.9	-3400	-3.5
14.5	-3350	-3.9
13.7	-3300	-4.7
14.3	-3250	-4.1
14.0	-3200	-4.4
13.7	-3150	-4.7
13.5	-3100	-4.9
15.0	-3050	-3.4
14.3	-3000	-4.1
14.8	-2950	-3.6
14.8	-2900	-3.6
14.7	-2850	-3.7
13.9	-2800	-4.5
14.1	-2750	-4.3
14.0	-2700	-4.4
14.4	-2650	-4.0
13.4	-2600	-5.0
14.1	-2550	-4.3
13.7	-2500	-4.7
14.2	-2450	-4.2
14.1	-2400	-4.3
13.6	-2350	-4.8
14.2	-2300	-4.2
14.0	-2250	-4.4
13.6	-2200	-4.8
13.0	-2150	-5.4
13.5	-2100	-4.9
13.4	-2050	-5.0
13.9	-2000	-4.5
13.8	-1950	-4.6
13.7	-1900	-4.7
13.7	-1850	-4.7
13.5	-1800	-4.9
13.4	-1750	-5.0
14.2	-1700	-4.2
14.4	-1650	-4.0
14.0	-1600	-4.4
14.1	-1550	-4.3
14.1	-1500	-4.3
14.0	-1450	-4.4
13.8	-1400	-4.6
14.0	-1350	-4.4
13.9	-1300	-4.5
13.5	-1250	-4.9
13.9	-1200	-4.5
13.9	-1150	-4.5
13.7	-1100	-4.7
14.0	-1050	-4.4
14.3	-1000	-4.1

ISL37400M, rev A, s/n 38  
 CH6 Processing Gain  
 11 MB Data Rate

Revised SDCProcessing Gain

Measured by:  
 S. Rothwell

14.5	-950	-3.9
14.0	-900	-4.4
14.4	-850	-4.0
14.1	-800	-4.3
14.7	-750	-3.7
14.0	-700	-4.4
14.6	-650	-3.8
13.5	-600	-4.9
14.7	-550	-3.7
14.7	-500	-3.7
14.3	-450	-4.1
13.9	-400	-4.5
14.1	-350	-4.3
14.4	-300	-4.0
14.4	-250	-4.0
14.2	-200	-4.2
13.6	-150	-4.8
13.8	-100	-4.6
14.4	-50	-4.0
14.3	0	-4.1
13.6	50	-4.8
14.1	100	-4.3
13.9	150	-4.5
14.5	200	-3.9
14.3	250	-4.1
13.9	300	-4.5
14.5	350	-3.9
14.7	400	-3.7
14.1	450	-4.3
14.8	500	-3.6
14.0	550	-4.4
14.5	600	-3.9
14.0	650	-4.4
13.8	700	-4.6
13.7	750	-4.7
14.4	800	-4.0
14.1	850	-4.3
13.0	900	-5.4
14.4	950	-4.0
13.8	1000	-4.6
14.0	1050	-4.4
14.6	1100	-3.8
14.1	1150	-4.3
14.8	1200	-3.6
14.2	1250	-4.2
14.1	1300	-4.3
14.5	1350	-3.9
13.7	1400	-4.7
14.7	1450	-3.7
13.9	1500	-4.5
13.8	1550	-4.6
14.1	1600	-4.3

13.9	1650	-4.5
14.2	1700	-4.2
13.9	1750	-4.5
14.6	1800	-3.8
14.6	1850	-3.8
14.4	1900	-4.0
14.5	1950	-3.9
13.7	2000	-4.7
13.9	2050	-4.5
13.8	2100	-4.6
13.7	2150	-4.7
14.1	2200	-4.3
14.1	2250	-4.3
14.4	2300	-4.0
14.3	2350	-4.1
14.0	2400	-4.4
13.9	2450	-4.5
14.7	2500	-3.7
13.5	2550	-4.9
13.6	2600	-4.8
14.1	2650	-4.3
13.4	2700	-5.0
13.4	2750	-5.0
13.5	2800	-4.9
13.4	2850	-5.0
13.8	2900	-4.6
14.2	2950	-4.2
13.4	3000	-5.0
14.3	3050	-4.1
14.2	3100	-4.2
14.8	3150	-3.6
14.7	3200	-3.7
14.5	3250	-3.9
14.6	3300	-3.8
14.4	3350	-4.0
13.5	3400	-4.9
14.2	3450	-4.2
14.8	3500	-3.6
14.4	3550	-4.0
14.1	3600	-4.3
13.3	3650	-5.1
15.1	3700	-3.3
15.3	3750	-3.1
15.3	3800	-3.1
14.4	3850	-4.0
14.6	3900	-3.8
15.1	3950	-3.3
15.6	4000	-2.8
15.1	4050	-3.3
15.4	4100	-3.0
15.4	4150	-3.0
15.1	4200	-3.3



14.8	4250	-3.6
14.9	4300	-3.5
15.4	4350	-3.0
15.5	4400	-2.9
15.9	4450	-2.5
15.9	4500	-2.5
15.7	4550	-2.7
15.8	4600	-2.6
15.7	4650	-2.7
15.8	4700	-2.6
15.4	4750	-3.0
15.6	4800	-2.8
15.2	4850	-3.2
15.2	4900	-3.2
15.5	4950	-2.9
16.3	5000	-2.1
16.3	5050	-2.1
16.2	5100	-2.2
16.7	5150	-1.7
16.6	5200	-1.8
16.7	5250	-1.7
17.1	5300	-1.3
17.4	5350	-1.0
16.6	5400	-1.8
17.0	5450	-1.4
17.5	5500	-0.9
17.6	5550	-0.8
17.0	5600	-1.4
17.6	5650	-0.8
17.3	5700	-1.1
17.7	5750	-0.7
17.1	5800	-1.3
17.8	5850	-0.6
18.4	5900	0.0
18.5	5950	0.1
18.2	6000	-0.2
18.1	6050	-0.3
18.6	6100	0.2
18.1	6150	-0.3
18.4	6200	0.0
19.1	6250	0.7
19.2	6300	0.8
19.4	6350	1.0
18.9	6400	0.5
18.8	6450	0.4
19.4	6500	1.0
19.8	6550	1.4
19.4	6600	1.0
19.7	6650	1.3
19.7	6700	1.3
20.4	6750	2.0
20.7	6800	2.3

20.8	6850	2.4
20.2	6900	1.8
21.1	6950	2.7
21.3	7000	2.9
21.2	7050	2.8
21.3	7100	2.9
22.2	7150	3.8
22.2	7200	3.8
22.7	7250	4.3
22.6	7300	4.2
22.9	7350	4.5
22.8	7400	4.4
23.5	7450	5.1
23.6	7500	5.2
24.1	7550	5.7
24.3	7600	5.9
24.6	7650	6.2
25.2	7700	6.8
24.8	7750	6.4
25.2	7800	6.8
25.3	7850	6.9
25.1	7900	6.7
25.9	7950	7.5
26.5	8000	8.1
26.1	8050	7.7
26.9	8100	8.5
27.3	8150	8.9
27.2	8200	8.8
27.3	8250	8.9
27.6	8300	9.2
28.2	8350	9.8
27.7	8400	9.3
27.4	8450	9.0
27.5	8500	9.1
<b>Processing Gain @ 80th Percentile(dB) =</b>		<b>14.1</b>

**Processing Gain**

ISL37400M

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	22.3	13.3	7.0	2.0	-53.0	<=8.0
2428.55	21.5	13.3	6.2	2.0	-53.8	<=8.0
2428.60	21.3	13.3	6.0	2.0	-54.0	<=8.0
2428.65	20.7	13.3	5.4	2.0	-54.6	<=8.0
2428.70	20.0	13.3	4.7	2.0	-55.3	<=8.0
2428.75	20.4	13.3	5.1	2.0	-54.9	<=8.0
2428.80	19.2	13.3	3.9	2.0	-56.1	<=8.0
2428.85	19.9	13.3	4.6	2.0	-55.4	<=8.0
2428.90	19.6	13.3	4.3	2.0	-55.7	<=8.0
2428.95	19.6	13.3	4.3	2.0	-55.7	<=8.0
2429.00	19.7	13.3	4.4	2.0	-55.6	<=8.0
2429.05	19.2	13.3	3.9	2.0	-56.1	<=8.0
2429.10	19.2	13.3	3.9	2.0	-56.1	<=8.0
2429.15	20.1	13.3	4.8	2.0	-55.2	<=8.0
2429.20	20.9	13.3	5.6	2.0	-54.4	<=8.0
2429.25	20.2	13.3	4.9	2.0	-55.1	<=8.0
2429.30	20.5	13.3	5.2	2.0	-54.8	<=8.0
2429.35	20.3	13.3	5.0	2.0	-55.0	<=8.0
2429.40	20.8	13.3	5.5	2.0	-54.5	<=8.0
2429.45	20.2	13.3	4.9	2.0	-55.1	<=8.0
2429.50	19.9	13.3	4.6	2.0	-55.4	<=8.0
2429.55	19.4	13.3	4.1	2.0	-55.9	<=8.0
2429.60	19.6	13.3	4.3	2.0	-55.7	<=8.0
2429.65	19.1	13.3	3.8	2.0	-56.2	<=8.0
2429.70	19.1	13.3	3.8	2.0	-56.2	<=8.0
2429.75	19.2	13.3	3.9	2.0	-56.1	<=8.0
2429.80	18.1	13.3	2.8	2.0	-57.2	<=8.0
2429.85	18.1	13.3	2.8	2.0	-57.2	<=8.0
2429.90	18.5	13.3	3.2	2.0	-56.8	<=8.0
2429.95	18.2	13.3	2.9	2.0	-57.1	<=8.0
2430.00	18.5	13.3	3.2	2.0	-56.8	<=8.0
2430.05	18.8	13.3	3.5	2.0	-56.5	<=8.0
2430.10	19.1	13.3	3.8	2.0	-56.2	<=8.0
2430.15	18.4	13.3	3.1	2.0	-56.9	<=8.0
2430.20	18.2	13.3	2.9	2.0	-57.1	<=8.0
2430.25	19.0	13.3	3.7	2.0	-56.3	<=8.0
2430.30	18.8	13.3	3.5	2.0	-56.5	<=8.0
2430.35	18.8	13.3	3.5	2.0	-56.5	<=8.0
2430.40	18.2	13.3	2.9	2.0	-57.1	<=8.0
2430.45	18.8	13.3	3.5	2.0	-56.5	<=8.0
2430.50	19.1	13.3	3.8	2.0	-56.2	<=8.0
2430.55	18.4	13.3	3.1	2.0	-56.9	<=8.0
2430.60	18.0	13.3	2.7	2.0	-57.3	<=8.0
2430.65	18.1	13.3	2.8	2.0	-57.2	<=8.0
2430.70	17.0	13.3	1.7	2.0	-58.3	<=8.0
2430.75	16.6	13.3	1.3	2.0	-58.7	<=8.0
2430.80	17.0	13.3	1.7	2.0	-58.3	<=8.0
2430.85	17.0	13.3	1.7	2.0	-58.3	<=8.0

**Processing Gain**

ISL37400M

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	15.4	13.3	0.1	2.0	-59.9	<=8.0
2430.95	15.2	13.3	-0.1	2.0	-60.1	<=8.0
2431.00	15.7	13.3	0.4	2.0	-59.6	<=8.0
2431.05	15.3	13.3	0.0	2.0	-60.0	<=8.0
2431.10	15.2	13.3	-0.1	2.0	-60.1	<=8.0
2431.15	15.3	13.3	0.0	2.0	-60.0	<=8.0
2431.20	15.1	13.3	-0.2	2.0	-60.2	<=8.0
2431.25	16.4	13.3	1.1	2.0	-58.9	<=8.0
2431.30	17.8	13.3	2.5	2.0	-57.5	<=8.0
2431.35	17.8	13.3	2.5	2.0	-57.5	<=8.0
2431.40	18.6	13.3	3.3	2.0	-56.7	<=8.0
2431.45	19.5	13.3	4.2	2.0	-55.8	<=8.0
2431.50	20.4	13.3	5.1	2.0	-54.9	<=8.0
2431.55	23.4	13.3	8.1	2.0	-51.9	<=8.0
2431.60	25.9	13.3	10.6	2.0	-49.4	<=8.0
2431.65	25.6	13.3	10.3	2.0	-49.7	<=8.0
2431.70	22.3	13.3	7.0	2.0	-53.0	<=8.0
2431.75	21.1	13.3	5.8	2.0	-54.2	<=8.0
2431.80	18.5	13.3	3.2	2.0	-56.8	<=8.0
2431.85	17.6	13.3	2.3	2.0	-57.7	<=8.0
2431.90	17.0	13.3	1.7	2.0	-58.3	<=8.0
2431.95	16.9	13.3	1.6	2.0	-58.4	<=8.0
2432.00	17.0	13.3	1.7	2.0	-58.3	<=8.0
2432.05	16.7	13.3	1.4	2.0	-58.6	<=8.0
2432.10	16.9	13.3	1.6	2.0	-58.4	<=8.0
2432.15	15.8	13.3	0.5	2.0	-59.5	<=8.0
2432.20	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2432.25	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2432.30	15.0	13.3	-0.3	2.0	-60.3	<=8.0
2432.35	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2432.40	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2432.45	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2432.50	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2432.55	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2432.60	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2432.65	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2432.70	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2432.75	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2432.80	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2432.85	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2432.90	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2432.95	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2433.00	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2433.05	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2433.10	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2433.15	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2433.20	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2433.25	13.0	13.3	-2.3	2.0	-62.3	<=8.0

**Processing Gain**

ISL37400M

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	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2433.35	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2433.40	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2433.45	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2433.50	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2433.55	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2433.60	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2433.65	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2433.70	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2433.75	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2433.80	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2433.85	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2433.90	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2433.95	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2434.00	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2434.05	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2434.10	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2434.15	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2434.20	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2434.25	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2434.30	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2434.35	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2434.40	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2434.45	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2434.50	12.2	13.3	-3.1	2.0	-63.1	<=8.0
2434.55	12.1	13.3	-3.2	2.0	-63.2	<=8.0
2434.60	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2434.65	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2434.70	12.2	13.3	-3.1	2.0	-63.1	<=8.0
2434.75	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2434.80	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2434.85	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2434.90	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2434.95	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2435.00	12.2	13.3	-3.1	2.0	-63.1	<=8.0
2435.05	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2435.10	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2435.15	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2435.20	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2435.25	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2435.30	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2435.35	11.7	13.3	-3.6	2.0	-63.6	<=8.0
2435.40	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2435.45	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2435.50	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2435.55	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2435.60	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2435.65	12.9	13.3	-2.4	2.0	-62.4	<=8.0

**Processing Gain**

ISL37400M

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	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2435.75	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2435.80	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2435.85	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2435.90	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2435.95	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2436.00	14.9	13.3	-0.4	2.0	-60.4	<=8.0
2436.05	15.4	13.3	0.1	2.0	-59.9	<=8.0
2436.10	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2436.15	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2436.20	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2436.25	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2436.30	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2436.35	10.9	13.3	-4.4	2.0	-64.4	<=8.0
2436.40	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2436.45	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2436.50	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2436.55	12.7	13.3	-2.6	2.0	-62.6	<=8.0
2436.60	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2436.65	12.3	13.3	-3.0	2.0	-63.0	<=8.0
2436.70	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2436.75	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2436.80	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2436.85	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2436.90	16.4	13.3	1.1	2.0	-58.9	<=8.0
2436.95	17.4	13.3	2.1	2.0	-57.9	<=8.0
2437.00	21.4	13.3	6.1	2.0	-53.9	<=8.0
2437.05	23.0	13.3	7.7	2.0	-52.3	<=8.0
2437.10	24.3	13.3	9.0	2.0	-51.0	<=8.0
2437.15	24.0	13.3	8.7	2.0	-51.3	<=8.0
2437.20	24.4	13.3	9.1	2.0	-50.9	<=8.0
2437.25	22.9	13.3	7.6	2.0	-52.4	<=8.0
2437.30	21.0	13.3	5.7	2.0	-54.3	<=8.0
2437.35	17.4	13.3	2.1	2.0	-57.9	<=8.0
2437.40	17.6	13.3	2.3	2.0	-57.7	<=8.0
2437.45	16.9	13.3	1.6	2.0	-58.4	<=8.0
2437.50	16.8	13.3	1.5	2.0	-58.5	<=8.0
2437.55	15.9	13.3	0.6	2.0	-59.4	<=8.0
2437.60	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2437.65	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2437.70	11.7	13.3	-3.6	2.0	-63.6	<=8.0
2437.75	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2437.80	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2437.85	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2437.90	11.9	13.3	-3.4	2.0	-63.4	<=8.0
2437.95	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2438.00	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2438.05	13.2	13.3	-2.1	2.0	-62.1	<=8.0

**Processing Gain**

ISL37400M

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	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2438.15	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2438.20	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2438.25	14.6	13.3	-0.7	2.0	-60.7	<=8.0
2438.30	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2438.35	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2438.40	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2438.45	14.7	13.3	-0.6	2.0	-60.6	<=8.0
2438.50	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2438.55	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2438.60	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2438.65	14.4	13.3	-0.9	2.0	-60.9	<=8.0
2438.70	12.0	13.3	-3.3	2.0	-63.3	<=8.0
2438.75	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2438.80	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2438.85	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2438.90	12.2	13.3	-3.1	2.0	-63.1	<=8.0
2438.95	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2439.00	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2439.05	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2439.10	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2439.15	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2439.20	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2439.25	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2439.30	14.5	13.3	-0.8	2.0	-60.8	<=8.0
2439.35	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2439.40	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2439.45	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2439.50	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2439.55	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2439.60	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2439.65	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2439.70	12.5	13.3	-2.8	2.0	-62.8	<=8.0
2439.75	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2439.80	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2439.85	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2439.90	12.2	13.3	-3.1	2.0	-63.1	<=8.0
2439.95	11.5	13.3	-3.8	2.0	-63.8	<=8.0
2440.00	12.0	13.3	-3.3	2.0	-63.3	<=8.0
2440.05	12.1	13.3	-3.2	2.0	-63.2	<=8.0
2440.10	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2440.15	12.8	13.3	-2.5	2.0	-62.5	<=8.0
2440.20	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2440.25	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2440.30	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2440.35	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2440.40	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2440.45	13.4	13.3	-1.9	2.0	-61.9	<=8.0

**Processing Gain**

ISL37400M

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	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2440.55	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2440.60	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2440.65	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2440.70	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2440.75	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2440.80	13.2	13.3	-2.1	2.0	-62.1	<=8.0
2440.85	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2440.90	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2440.95	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2441.00	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2441.05	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2441.10	13.0	13.3	-2.3	2.0	-62.3	<=8.0
2441.15	12.9	13.3	-2.4	2.0	-62.4	<=8.0
2441.20	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2441.25	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2441.30	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2441.35	13.7	13.3	-1.6	2.0	-61.6	<=8.0
2441.40	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2441.45	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2441.50	14.2	13.3	-1.1	2.0	-61.1	<=8.0
2441.55	13.9	13.3	-1.4	2.0	-61.4	<=8.0
2441.60	13.6	13.3	-1.7	2.0	-61.7	<=8.0
2441.65	13.5	13.3	-1.8	2.0	-61.8	<=8.0
2441.70	13.4	13.3	-1.9	2.0	-61.9	<=8.0
2441.75	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2441.80	14.3	13.3	-1.0	2.0	-61.0	<=8.0
2441.85	14.1	13.3	-1.2	2.0	-61.2	<=8.0
2441.90	12.4	13.3	-2.9	2.0	-62.9	<=8.0
2441.95	12.6	13.3	-2.7	2.0	-62.7	<=8.0
2442.00	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2442.05	13.3	13.3	-2.0	2.0	-62.0	<=8.0
2442.10	13.8	13.3	-1.5	2.0	-61.5	<=8.0
2442.15	13.1	13.3	-2.2	2.0	-62.2	<=8.0
2442.20	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2442.25	14.0	13.3	-1.3	2.0	-61.3	<=8.0
2442.30	14.8	13.3	-0.5	2.0	-60.5	<=8.0
2442.35	16.4	13.3	1.1	2.0	-58.9	<=8.0
2442.40	17.2	13.3	1.9	2.0	-58.1	<=8.0
2442.45	19.1	13.3	3.8	2.0	-56.2	<=8.0
2442.50	21.7	13.3	6.4	2.0	-53.6	<=8.0
2442.55	23.9	13.3	8.6	2.0	-51.4	<=8.0
2442.60	24.8	13.3	9.5	2.0	-50.5	<=8.0
2442.65	25.0	13.3	9.7	2.0	-50.3	<=8.0
2442.70	24.9	13.3	9.6	2.0	-50.4	<=8.0
2442.75	24.1	13.3	8.8	2.0	-51.2	<=8.0
2442.80	22.6	13.3	7.3	2.0	-52.7	<=8.0
2442.85	21.1	13.3	5.8	2.0	-54.2	<=8.0



**Processing Gain**

ISL37400M

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	19.4	13.3	4.1	2.0	-55.9	<=8.0
2442.95	18.5	13.3	3.2	2.0	-56.8	<=8.0
2443.00	18.4	13.3	3.1	2.0	-56.9	<=8.0
2443.05	18.3	13.3	3.0	2.0	-57.0	<=8.0
2443.10	17.7	13.3	2.4	2.0	-57.6	<=8.0
2443.15	16.9	13.3	1.6	2.0	-58.4	<=8.0
2443.20	17.4	13.3	2.1	2.0	-57.9	<=8.0
2443.25	17.1	13.3	1.8	2.0	-58.2	<=8.0
2443.30	17.1	13.3	1.8	2.0	-58.2	<=8.0
2443.35	16.7	13.3	1.4	2.0	-58.6	<=8.0
2443.40	16.5	13.3	1.2	2.0	-58.8	<=8.0
2443.45	16.4	13.3	1.1	2.0	-58.9	<=8.0
2443.50	16.6	13.3	1.3	2.0	-58.7	<=8.0
2443.55	16.0	13.3	0.7	2.0	-59.3	<=8.0
2443.60	16.2	13.3	0.9	2.0	-59.1	<=8.0
2443.65	16.3	13.3	1.0	2.0	-59.0	<=8.0
2443.70	16.3	13.3	1.0	2.0	-59.0	<=8.0
2443.75	16.4	13.3	1.1	2.0	-58.9	<=8.0
2443.80	18.2	13.3	2.9	2.0	-57.1	<=8.0
2443.85	17.4	13.3	2.1	2.0	-57.9	<=8.0
2443.90	17.5	13.3	2.2	2.0	-57.8	<=8.0
2443.95	17.9	13.3	2.6	2.0	-57.4	<=8.0
2444.00	17.3	13.3	2.0	2.0	-58.0	<=8.0
2444.05	18.0	13.3	2.7	2.0	-57.3	<=8.0
2444.10	18.3	13.3	3.0	2.0	-57.0	<=8.0
2444.15	18.3	13.3	3.0	2.0	-57.0	<=8.0
2444.20	19.0	13.3	3.7	2.0	-56.3	<=8.0
2444.25	18.7	13.3	3.4	2.0	-56.6	<=8.0
2444.30	19.4	13.3	4.1	2.0	-55.9	<=8.0
2444.35	19.3	13.3	4.0	2.0	-56.0	<=8.0
2444.40	19.3	13.3	4.0	2.0	-56.0	<=8.0
2444.45	19.8	13.3	4.5	2.0	-55.5	<=8.0
2444.50	20.4	13.3	5.1	2.0	-54.9	<=8.0
2444.55	20.8	13.3	5.5	2.0	-54.5	<=8.0
2444.60	20.0	13.3	4.7	2.0	-55.3	<=8.0
2444.65	20.4	13.3	5.1	2.0	-54.9	<=8.0
2444.70	21.0	13.3	5.7	2.0	-54.3	<=8.0
2444.75	20.4	13.3	5.1	2.0	-54.9	<=8.0
2444.80	20.6	13.3	5.3	2.0	-54.7	<=8.0
2444.85	20.5	13.3	5.2	2.0	-54.8	<=8.0
2444.90	20.9	13.3	5.6	2.0	-54.4	<=8.0
2444.95	20.9	13.3	5.6	2.0	-54.4	<=8.0
2445.00	20.7	13.3	5.4	2.0	-54.6	<=8.0
2445.05	21.2	13.3	5.9	2.0	-54.1	<=8.0
2445.10	21.3	13.3	6.0	2.0	-54.0	<=8.0
2445.15	21.5	13.3	6.2	2.0	-53.8	<=8.0
2445.20	21.0	13.3	5.7	2.0	-54.3	<=8.0
2445.25	22.7	13.3	7.4	2.0	-52.6	<=8.0

**Processing Gain**

ISL37400M

2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2445.30	22.6	13.3	7.3	2.0	-52.7	<=8.0
2445.35	22.5	13.3	7.2	2.0	-52.8	<=8.0
2445.40	22.6	13.3	7.3	2.0	-52.7	<=8.0
2445.45	22.6	13.3	7.3	2.0	-52.7	<=8.0
2445.50	23.0	13.3	7.7	2.0	-52.3	<=8.0

**Processing Gain (dB) @ 80** **12.9**

Processing Gain (dB)	XMIT level	-60.0		
	<b>S/N+Ls</b>	<b>15.3</b>		
	<b>0dB J/S</b>	<b>0.0</b>		
PG	Offset	Signal Generator Delta		
22.3	-8500	7.0		
21.5	-8450	6.2		
21.3	-8400	6.0		
20.7	-8350	5.4		
20.0	-8300	4.7		
20.4	-8250	5.1		
19.2	-8200	3.9		
19.9	-8150	4.6		
19.6	-8100	4.3		
19.6	-8050	4.3		
19.7	-8000	4.4		
19.2	-7950	3.9		
19.2	-7900	3.9		
20.1	-7850	4.8		
20.9	-7800	5.6		
20.2	-7750	4.9		
20.5	-7700	5.2		
20.3	-7650	5.0		
20.8	-7600	5.5		
20.2	-7550	4.9		
19.9	-7500	4.6		
19.4	-7450	4.1		
19.6	-7400	4.3		
19.1	-7350	3.8		
19.1	-7300	3.8		
19.2	-7250	3.9		
18.1	-7200	2.8		
18.1	-7150	2.8		
18.5	-7100	3.2		
18.2	-7050	2.9		
18.5	-7000	3.2		
18.8	-6950	3.5		
19.1	-6900	3.8		
18.4	-6850	3.1		
18.2	-6800	2.9		
19.0	-6750	3.7		
18.8	-6700	3.5		
18.8	-6650	3.5		
18.2	-6600	2.9		
18.8	-6550	3.5		
19.1	-6500	3.8		
18.4	-6450	3.1		
18.0	-6400	2.7		
18.1	-6350	2.8		
17.0	-6300	1.7		
16.6	-6250	1.3		
17.0	-6200	1.7		

17.0	-6150	1.7		
15.4	-6100	0.1		
15.2	-6050	-0.1		
15.7	-6000	0.4		
15.3	-5950	0.0		
15.2	-5900	-0.1		
15.3	-5850	0.0		
15.1	-5800	-0.2		
16.4	-5750	1.1		
17.8	-5700	2.5		
17.8	-5650	2.5		
18.6	-5600	3.3		
19.5	-5550	4.2		
20.4	-5500	5.1		
23.4	-5450	8.1		
25.9	-5400	10.6		
25.6	-5350	10.3		
22.3	-5300	7.0		
21.1	-5250	5.8		
18.5	-5200	3.2		
17.6	-5150	2.3		
17.0	-5100	1.7		
16.9	-5050	1.6		
17.0	-5000	1.7		
16.7	-4950	1.4		
16.9	-4900	1.6		
15.8	-4850	0.5		
14.9	-4800	-0.4		
14.6	-4750	-0.7		
15.0	-4700	-0.3		
13.9	-4650	-1.4		
13.4	-4600	-1.9		
13.9	-4550	-1.4		
13.2	-4500	-2.1		
13.1	-4450	-2.2		
13.4	-4400	-1.9		
12.9	-4350	-2.4		
12.6	-4300	-2.7		
12.7	-4250	-2.6		
12.8	-4200	-2.5		
13.5	-4150	-1.8		
13.6	-4100	-1.7		
13.4	-4050	-1.9		
13.5	-4000	-1.8		
13.0	-3950	-2.3		
13.0	-3900	-2.3		
13.5	-3850	-1.8		
13.6	-3800	-1.7		
13.0	-3750	-2.3		
13.3	-3700	-2.0		
13.1	-3650	-2.2		
12.7	-3600	-2.6		

12.9	-3550	-2.4		
12.3	-3500	-3.0		
12.9	-3450	-2.4		
13.3	-3400	-2.0		
12.7	-3350	-2.6		
12.9	-3300	-2.4		
13.3	-3250	-2.0		
13.3	-3200	-2.0		
13.2	-3150	-2.1		
12.4	-3100	-2.9		
12.7	-3050	-2.6		
12.5	-3000	-2.8		
13.1	-2950	-2.2		
13.0	-2900	-2.3		
12.6	-2850	-2.7		
12.7	-2800	-2.6		
12.9	-2750	-2.4		
12.4	-2700	-2.9		
13.2	-2650	-2.1		
12.5	-2600	-2.8		
12.5	-2550	-2.8		
12.2	-2500	-3.1		
12.1	-2450	-3.2		
12.4	-2400	-2.9		
12.8	-2350	-2.5		
12.2	-2300	-3.1		
12.8	-2250	-2.5		
13.1	-2200	-2.2		
12.6	-2150	-2.7		
13.1	-2100	-2.2		
12.4	-2050	-2.9		
12.2	-2000	-3.1		
13.1	-1950	-2.2		
12.4	-1900	-2.9		
13.2	-1850	-2.1		
13.2	-1800	-2.1		
12.6	-1750	-2.7		
13.2	-1700	-2.1		
11.7	-1650	-3.6		
12.6	-1600	-2.7		
12.4	-1550	-2.9		
12.8	-1500	-2.5		
12.8	-1450	-2.5		
12.9	-1400	-2.4		
12.9	-1350	-2.4		
12.4	-1300	-2.9		
12.8	-1250	-2.5		
12.6	-1200	-2.7		
13.3	-1150	-2.0		
12.3	-1100	-3.0		
13.3	-1050	-2.0		
14.9	-1000	-0.4		

15.4	-950	0.1		
14.2	-900	-1.1		
14.6	-850	-0.7		
14.5	-800	-0.8		
14.5	-750	-0.8		
14.3	-700	-1.0		
10.9	-650	-4.4		
12.8	-600	-2.5		
12.8	-550	-2.5		
12.6	-500	-2.7		
12.7	-450	-2.6		
12.5	-400	-2.8		
12.3	-350	-3.0		
12.5	-300	-2.8		
13.2	-250	-2.1		
13.2	-200	-2.1		
14.3	-150	-1.0		
16.4	-100	1.1		
17.4	-50	2.1		
21.4	0	6.1		
23.0	50	7.7		
24.3	100	9.0		
24.0	150	8.7		
24.4	200	9.1		
22.9	250	7.6		
21.0	300	5.7		
17.4	350	2.1		
17.6	400	2.3		
16.9	450	1.6		
16.8	500	1.5		
15.9	550	0.6		
14.6	600	-0.7		
14.5	650	-0.8		
11.7	700	-3.6		
14.3	750	-1.0		
14.1	800	-1.2		
13.3	850	-2.0		
11.9	900	-3.4		
13.1	950	-2.2		
12.8	1000	-2.5		
13.2	1050	-2.1		
14.0	1100	-1.3		
14.2	1150	-1.1		
13.9	1200	-1.4		
14.6	1250	-0.7		
14.3	1300	-1.0		
13.0	1350	-2.3		
13.9	1400	-1.4		
14.7	1450	-0.6		
14.1	1500	-1.2		
14.1	1550	-1.2		
14.3	1600	-1.0		

14.4	1650	-0.9		
12.0	1700	-3.3		
13.7	1750	-1.6		
13.8	1800	-1.5		
13.1	1850	-2.2		
12.2	1900	-3.1		
13.4	1950	-1.9		
13.8	2000	-1.5		
13.9	2050	-1.4		
13.7	2100	-1.6		
13.2	2150	-2.1		
13.9	2200	-1.4		
13.8	2250	-1.5		
14.5	2300	-0.8		
12.9	2350	-2.4		
12.4	2400	-2.9		
12.5	2450	-2.8		
13.7	2500	-1.6		
13.1	2550	-2.2		
13.0	2600	-2.3		
13.3	2650	-2.0		
12.5	2700	-2.8		
13.2	2750	-2.1		
12.8	2800	-2.5		
13.2	2850	-2.1		
12.2	2900	-3.1		
11.5	2950	-3.8		
12.0	3000	-3.3		
12.1	3050	-3.2		
12.8	3100	-2.5		
12.8	3150	-2.5		
13.1	3200	-2.2		
13.5	3250	-1.8		
13.8	3300	-1.5		
12.9	3350	-2.4		
13.6	3400	-1.7		
13.4	3450	-1.9		
13.3	3500	-2.0		
13.6	3550	-1.7		
13.7	3600	-1.6		
13.8	3650	-1.5		
12.9	3700	-2.4		
12.6	3750	-2.7		
13.2	3800	-2.1		
13.5	3850	-1.8		
12.9	3900	-2.4		
12.6	3950	-2.7		
13.0	4000	-2.3		
12.4	4050	-2.9		
13.0	4100	-2.3		
12.9	4150	-2.4		
13.7	4200	-1.6		

13.8	4250	-1.5		
13.7	4300	-1.6		
13.7	4350	-1.6		
13.6	4400	-1.7		
13.8	4450	-1.5		
14.2	4500	-1.1		
13.9	4550	-1.4		
13.6	4600	-1.7		
13.5	4650	-1.8		
13.4	4700	-1.9		
14.0	4750	-1.3		
14.3	4800	-1.0		
14.1	4850	-1.2		
12.4	4900	-2.9		
12.6	4950	-2.7		
13.3	5000	-2.0		
13.3	5050	-2.0		
13.8	5100	-1.5		
13.1	5150	-2.2		
14.0	5200	-1.3		
14.0	5250	-1.3		
14.8	5300	-0.5		
16.4	5350	1.1		
17.2	5400	1.9		
19.1	5450	3.8		
21.7	5500	6.4		
23.9	5550	8.6		
24.8	5600	9.5		
25.0	5650	9.7		
24.9	5700	9.6		
24.1	5750	8.8		
22.6	5800	7.3		
21.1	5850	5.8		
19.4	5900	4.1		
18.5	5950	3.2		
18.4	6000	3.1		
18.3	6050	3.0		
17.7	6100	2.4		
16.9	6150	1.6		
17.4	6200	2.1		
17.1	6250	1.8		
17.1	6300	1.8		
16.7	6350	1.4		
16.5	6400	1.2		
16.4	6450	1.1		
16.6	6500	1.3		
16.0	6550	0.7		
16.2	6600	0.9		
16.3	6650	1.0		
16.3	6700	1.0		
16.4	6750	1.1		
18.2	6800	2.9		





**Processing Gain**

ISL37400M

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	22.7	16.4	4.3	2.0	-56.7	<=8.0
2428.55	22.7	16.4	4.3	2.0	-56.7	<=8.0
2428.60	22.7	16.4	4.3	2.0	-56.7	<=8.0
2428.65	22.7	16.4	4.3	2.0	-56.7	<=8.0
2428.70	22.7	16.4	4.3	2.0	-56.7	<=8.0
2428.75	22.9	16.4	4.5	2.0	-56.5	<=8.0
2428.80	22.9	16.4	4.5	2.0	-56.5	<=8.0
2428.85	23.0	16.4	4.6	2.0	-56.4	<=8.0
2428.90	23.1	16.4	4.7	2.0	-56.3	<=8.0
2428.95	22.9	16.4	4.5	2.0	-56.5	<=8.0
2429.00	23.2	16.4	4.8	2.0	-56.2	<=8.0
2429.05	23.3	16.4	4.9	2.0	-56.1	<=8.0
2429.10	23.3	16.4	4.9	2.0	-56.1	<=8.0
2429.15	23.3	16.4	4.9	2.0	-56.1	<=8.0
2429.20	23.4	16.4	5.0	2.0	-56.0	<=8.0
2429.25	24.6	16.4	6.2	2.0	-54.8	<=8.0
2429.30	24.5	16.4	6.1	2.0	-54.9	<=8.0
2429.35	24.1	16.4	5.7	2.0	-55.3	<=8.0
2429.40	23.3	16.4	4.9	2.0	-56.1	<=8.0
2429.45	22.5	16.4	4.1	2.0	-56.9	<=8.0
2429.50	22.6	16.4	4.2	2.0	-56.8	<=8.0
2429.55	22.4	16.4	4.0	2.0	-57.0	<=8.0
2429.60	21.9	16.4	3.5	2.0	-57.5	<=8.0
2429.65	22.2	16.4	3.8	2.0	-57.2	<=8.0
2429.70	21.9	16.4	3.5	2.0	-57.5	<=8.0
2429.75	21.7	16.4	3.3	2.0	-57.7	<=8.0
2429.80	21.4	16.4	3.0	2.0	-58.0	<=8.0
2429.85	22.3	16.4	3.9	2.0	-57.1	<=8.0
2429.90	21.9	16.4	3.5	2.0	-57.5	<=8.0
2429.95	22.0	16.4	3.6	2.0	-57.4	<=8.0
2430.00	21.4	16.4	3.0	2.0	-58.0	<=8.0
2430.05	21.9	16.4	3.5	2.0	-57.5	<=8.0
2430.10	21.7	16.4	3.3	2.0	-57.7	<=8.0
2430.15	20.8	16.4	2.4	2.0	-58.6	<=8.0
2430.20	20.4	16.4	2.0	2.0	-59.0	<=8.0
2430.25	20.2	16.4	1.8	2.0	-59.2	<=8.0
2430.30	19.9	16.4	1.5	2.0	-59.5	<=8.0
2430.35	19.5	16.4	1.1	2.0	-59.9	<=8.0
2430.40	19.5	16.4	1.1	2.0	-59.9	<=8.0
2430.45	19.4	16.4	1.0	2.0	-60.0	<=8.0
2430.50	19.9	16.4	1.5	2.0	-59.5	<=8.0
2430.55	19.9	16.4	1.5	2.0	-59.5	<=8.0
2430.60	19.5	16.4	1.1	2.0	-59.9	<=8.0
2430.65	19.0	16.4	0.6	2.0	-60.4	<=8.0
2430.70	18.9	16.4	0.5	2.0	-60.5	<=8.0
2430.75	18.4	16.4	0.0	2.0	-61.0	<=8.0
2430.80	18.4	16.4	0.0	2.0	-61.0	<=8.0
2430.85	18.5	16.4	0.1	2.0	-60.9	<=8.0

**Processing Gain**

ISL37400M

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	18.8	16.4	0.4	2.0	-60.6	<=8.0
2430.95	18.9	16.4	0.5	2.0	-60.5	<=8.0
2431.00	18.9	16.4	0.5	2.0	-60.5	<=8.0
2431.05	18.0	16.4	-0.4	2.0	-61.4	<=8.0
2431.10	17.9	16.4	-0.5	2.0	-61.5	<=8.0
2431.15	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2431.20	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2431.25	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2431.30	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2431.35	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2431.40	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2431.45	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2431.50	16.8	16.4	-1.6	2.0	-62.6	<=8.0
2431.55	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2431.60	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2431.65	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2431.70	16.0	16.4	-2.4	2.0	-63.4	<=8.0
2431.75	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2431.80	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2431.85	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2431.90	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2431.95	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2432.00	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2432.05	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2432.10	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2432.15	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2432.20	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2432.25	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2432.30	16.0	16.4	-2.4	2.0	-63.4	<=8.0
2432.35	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2432.40	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2432.45	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2432.50	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2432.55	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2432.60	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2432.65	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2432.70	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2432.75	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2432.80	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2432.85	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2432.90	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2432.95	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2433.00	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2433.05	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2433.10	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2433.15	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2433.20	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2433.25	14.7	16.4	-3.7	2.0	-64.7	<=8.0

**Processing Gain**

ISL37400M

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	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2433.35	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2433.40	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2433.45	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2433.50	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2433.55	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2433.60	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2433.65	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2433.70	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2433.75	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2433.80	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2433.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2433.90	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2433.95	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2434.00	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2434.05	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2434.10	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2434.15	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2434.20	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2434.25	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2434.30	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2434.35	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2434.40	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2434.45	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2434.50	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2434.55	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2434.60	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2434.65	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2434.70	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2434.75	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2434.80	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2434.85	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2434.90	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2434.95	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2435.00	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2435.05	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2435.10	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2435.15	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2435.20	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2435.25	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2435.30	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.35	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.40	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.45	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2435.50	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.55	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.60	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2435.65	13.8	16.4	-4.6	2.0	-65.6	<=8.0

**Processing Gain**

ISL37400M

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	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2435.75	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2435.80	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2435.85	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2435.90	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2435.95	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2436.00	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2436.05	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.10	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.15	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.20	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2436.25	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2436.30	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.35	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2436.40	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2436.45	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2436.50	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.55	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2436.60	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2436.65	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2436.70	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.75	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.80	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2436.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2436.90	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2436.95	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2437.00	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2437.05	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2437.10	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2437.15	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2437.20	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2437.25	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2437.30	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2437.35	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2437.40	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2437.45	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2437.50	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2437.55	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2437.60	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2437.65	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2437.70	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2437.75	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2437.80	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2437.85	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2437.90	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2437.95	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2438.00	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2438.05	14.1	16.4	-4.3	2.0	-65.3	<=8.0

**Processing Gain**

ISL37400M

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	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2438.15	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2438.20	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2438.25	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2438.30	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.35	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.40	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2438.45	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.50	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.55	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2438.60	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2438.65	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2438.70	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.75	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2438.80	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2438.85	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2438.90	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2438.95	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2439.00	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.05	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2439.10	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.15	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2439.20	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2439.25	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.30	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.35	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.40	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2439.45	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2439.50	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2439.55	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.60	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2439.65	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2439.70	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2439.75	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2439.80	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2439.85	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2439.90	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2439.95	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2440.00	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2440.05	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2440.10	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2440.15	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2440.20	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2440.25	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2440.30	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2440.35	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2440.40	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2440.45	14.3	16.4	-4.1	2.0	-65.1	<=8.0

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	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2440.55	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2440.60	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2440.65	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2440.70	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2440.75	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2440.80	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2440.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2440.90	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2440.95	15.0	16.4	-3.4	2.0	-64.4	<=8.0
2441.00	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2441.05	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2441.10	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2441.15	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2441.20	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2441.25	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2441.30	15.0	16.4	-3.4	2.0	-64.4	<=8.0
2441.35	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2441.40	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2441.45	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2441.50	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2441.55	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2441.60	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2441.65	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2441.70	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2441.75	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2441.80	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2441.85	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2441.90	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2441.95	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2442.00	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2442.05	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2442.10	16.0	16.4	-2.4	2.0	-63.4	<=8.0
2442.15	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2442.20	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2442.25	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2442.30	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2442.35	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2442.40	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2442.45	16.9	16.4	-1.5	2.0	-62.5	<=8.0
2442.50	16.9	16.4	-1.5	2.0	-62.5	<=8.0
2442.55	17.0	16.4	-1.4	2.0	-62.4	<=8.0
2442.60	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2442.65	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2442.70	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2442.75	17.2	16.4	-1.2	2.0	-62.2	<=8.0
2442.80	17.3	16.4	-1.1	2.0	-62.1	<=8.0
2442.85	17.4	16.4	-1.0	2.0	-62.0	<=8.0

**Processing Gain**

ISL37400M

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	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2442.95	17.9	16.4	-0.5	2.0	-61.5	<=8.0
2443.00	18.0	16.4	-0.4	2.0	-61.4	<=8.0
2443.05	18.1	16.4	-0.3	2.0	-61.3	<=8.0
2443.10	18.2	16.4	-0.2	2.0	-61.2	<=8.0
2443.15	18.2	16.4	-0.2	2.0	-61.2	<=8.0
2443.20	18.4	16.4	0.0	2.0	-61.0	<=8.0
2443.25	18.6	16.4	0.2	2.0	-60.8	<=8.0
2443.30	18.7	16.4	0.3	2.0	-60.7	<=8.0
2443.35	18.7	16.4	0.3	2.0	-60.7	<=8.0
2443.40	18.7	16.4	0.3	2.0	-60.7	<=8.0
2443.45	19.0	16.4	0.6	2.0	-60.4	<=8.0
2443.50	19.3	16.4	0.9	2.0	-60.1	<=8.0
2443.55	19.6	16.4	1.2	2.0	-59.8	<=8.0
2443.60	19.6	16.4	1.2	2.0	-59.8	<=8.0
2443.65	19.9	16.4	1.5	2.0	-59.5	<=8.0
2443.70	20.0	16.4	1.6	2.0	-59.4	<=8.0
2443.75	20.1	16.4	1.7	2.0	-59.3	<=8.0
2443.80	20.2	16.4	1.8	2.0	-59.2	<=8.0
2443.85	20.2	16.4	1.8	2.0	-59.2	<=8.0
2443.90	20.4	16.4	2.0	2.0	-59.0	<=8.0
2443.95	20.7	16.4	2.3	2.0	-58.7	<=8.0
2444.00	20.8	16.4	2.4	2.0	-58.6	<=8.0
2444.05	21.1	16.4	2.7	2.0	-58.3	<=8.0
2444.10	21.5	16.4	3.1	2.0	-57.9	<=8.0
2444.15	21.8	16.4	3.4	2.0	-57.6	<=8.0
2444.20	22.1	16.4	3.7	2.0	-57.3	<=8.0
2444.25	22.6	16.4	4.2	2.0	-56.8	<=8.0
2444.30	22.7	16.4	4.3	2.0	-56.7	<=8.0
2444.35	22.8	16.4	4.4	2.0	-56.6	<=8.0
2444.40	22.9	16.4	4.5	2.0	-56.5	<=8.0
2444.45	22.9	16.4	4.5	2.0	-56.5	<=8.0
2444.50	23.0	16.4	4.6	2.0	-56.4	<=8.0
2444.55	24.3	16.4	5.9	2.0	-55.1	<=8.0
2444.60	24.4	16.4	6.0	2.0	-55.0	<=8.0
2444.65	24.6	16.4	6.2	2.0	-54.8	<=8.0
2444.70	25.0	16.4	6.6	2.0	-54.4	<=8.0
2444.75	25.0	16.4	6.6	2.0	-54.4	<=8.0
2444.80	24.9	16.4	6.5	2.0	-54.5	<=8.0
2444.85	24.9	16.4	6.5	2.0	-54.5	<=8.0
2444.90	24.8	16.4	6.4	2.0	-54.6	<=8.0
2444.95	26.0	16.4	7.6	2.0	-53.4	<=8.0
2445.00	26.2	16.4	7.8	2.0	-53.2	<=8.0
2445.05	26.3	16.4	7.9	2.0	-53.1	<=8.0
2445.10	26.4	16.4	8.0	2.0	-53.0	<=8.0
2445.15	26.6	16.4	8.2	2.0	-52.8	<=8.0
2445.20	26.8	16.4	8.4	2.0	-52.6	<=8.0
2445.25	26.9	16.4	8.5	2.0	-52.5	<=8.0



**Processing Gain**

ISL37400M

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)	(%)
2445.30	27.3	16.4	8.9	2.0	-52.1	<=8.0
2445.35	27.5	16.4	9.1	2.0	-51.9	<=8.0
2445.40	27.6	16.4	9.2	2.0	-51.8	<=8.0
2445.45	27.5	16.4	9.1	2.0	-51.9	<=8.0
2445.50	27.3	16.4	8.9	2.0	-52.1	<=8.0

**Processing Gain @ 80th Percentile(dB) = 13.9**

Processing Gain (dB)	XMIT level	-61.0
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
22.7	-8500	4.3
22.7	-8450	4.3
22.7	-8400	4.3
22.7	-8350	4.3
22.7	-8300	4.3
22.9	-8250	4.5
22.9	-8200	4.5
23.0	-8150	4.6
23.1	-8100	4.7
22.9	-8050	4.5
23.2	-8000	4.8
23.3	-7950	4.9
23.3	-7900	4.9
23.3	-7850	4.9
23.4	-7800	5.0
24.6	-7750	6.2
24.5	-7700	6.1
24.1	-7650	5.7
23.3	-7600	4.9
22.5	-7550	4.1
22.6	-7500	4.2
22.4	-7450	4.0
21.9	-7400	3.5
22.2	-7350	3.8
21.9	-7300	3.5
21.7	-7250	3.3
21.4	-7200	3.0
22.3	-7150	3.9
21.9	-7100	3.5
22.0	-7050	3.6
21.4	-7000	3.0
21.9	-6950	3.5
21.7	-6900	3.3
20.8	-6850	2.4
20.4	-6800	2.0
20.2	-6750	1.8
19.9	-6700	1.5
19.5	-6650	1.1
19.5	-6600	1.1
19.4	-6550	1.0
19.9	-6500	1.5
19.9	-6450	1.5
19.5	-6400	1.1
19.0	-6350	0.6
18.9	-6300	0.5
18.4	-6250	0.0
18.4	-6200	0.0

ISL37400M, rev A, s/n 38  
CH6 Processing Gain  
11 MB Data Rate

Revised SDCProcessing Gain

Measured by:  
S. Rothwell

18.5	-6150	0.1
18.8	-6100	0.4
18.9	-6050	0.5
18.9	-6000	0.5
18.0	-5950	-0.4
17.9	-5900	-0.5
17.4	-5850	-1.0
17.7	-5800	-0.7
17.4	-5750	-1.0
17.4	-5700	-1.0
17.4	-5650	-1.0
17.1	-5600	-1.3
16.6	-5550	-1.8
16.8	-5500	-1.6
16.2	-5450	-2.2
16.3	-5400	-2.1
16.3	-5350	-2.1
16.0	-5300	-2.4
15.9	-5250	-2.5
16.2	-5200	-2.2
16.1	-5150	-2.3
16.2	-5100	-2.2
16.4	-5050	-2.0
15.8	-5000	-2.6
16.4	-4950	-2.0
15.9	-4900	-2.5
15.9	-4850	-2.5
16.3	-4800	-2.1
16.3	-4750	-2.1
16.0	-4700	-2.4
15.7	-4650	-2.7
15.4	-4600	-3.0
15.8	-4550	-2.6
15.4	-4500	-3.0
15.5	-4450	-2.9
15.3	-4400	-3.1
15.3	-4350	-3.1
15.2	-4300	-3.2
15.1	-4250	-3.3
15.1	-4200	-3.3
14.8	-4150	-3.6
14.5	-4100	-3.9
14.7	-4050	-3.7
14.6	-4000	-3.8
14.5	-3950	-3.9
14.5	-3900	-3.9
14.5	-3850	-3.9
14.6	-3800	-3.8
14.7	-3750	-3.7
14.7	-3700	-3.7
14.6	-3650	-3.8
14.5	-3600	-3.9

14.4	-3550	-4.0
14.4	-3500	-4.0
14.4	-3450	-4.0
14.4	-3400	-4.0
13.9	-3350	-4.5
13.9	-3300	-4.5
13.9	-3250	-4.5
14.1	-3200	-4.3
13.9	-3150	-4.5
13.7	-3100	-4.7
14.4	-3050	-4.0
14.4	-3000	-4.0
14.4	-2950	-4.0
14.3	-2900	-4.1
14.2	-2850	-4.2
14.0	-2800	-4.4
14.0	-2750	-4.4
14.0	-2700	-4.4
14.0	-2650	-4.4
13.6	-2600	-4.8
13.8	-2550	-4.6
13.9	-2500	-4.5
13.8	-2450	-4.6
13.8	-2400	-4.6
13.7	-2350	-4.7
13.7	-2300	-4.7
13.8	-2250	-4.6
13.8	-2200	-4.6
13.3	-2150	-5.1
13.1	-2100	-5.3
13.4	-2050	-5.0
13.4	-2000	-5.0
13.4	-1950	-5.0
13.6	-1900	-4.8
13.5	-1850	-4.9
13.7	-1800	-4.7
13.7	-1750	-4.7
13.9	-1700	-4.5
13.9	-1650	-4.5
13.9	-1600	-4.5
13.6	-1550	-4.8
13.9	-1500	-4.5
13.9	-1450	-4.5
13.9	-1400	-4.5
13.8	-1350	-4.6
13.4	-1300	-5.0
13.5	-1250	-4.9
13.5	-1200	-4.9
13.5	-1150	-4.9
13.6	-1100	-4.8
13.8	-1050	-4.6
13.9	-1000	-4.5

ISL37400M, rev A, s/n 38  
CH6 Processing Gain  
11 MB Data Rate

Revised SDC Processing Gain

Measured by:  
S. Rothwell

14.1	-950	-4.3
14.1	-900	-4.3
14.1	-850	-4.3
14.0	-800	-4.4
14.2	-750	-4.2
14.1	-700	-4.3
14.0	-650	-4.4
13.4	-600	-5.0
14.0	-550	-4.4
14.1	-500	-4.3
14.0	-450	-4.4
13.5	-400	-4.9
13.6	-350	-4.8
14.1	-300	-4.3
14.1	-250	-4.3
14.1	-200	-4.3
13.9	-150	-4.5
13.8	-100	-4.6
13.8	-50	-4.6
13.7	0	-4.7
13.9	50	-4.5
13.7	100	-4.7
13.8	150	-4.6
14.0	200	-4.4
14.0	250	-4.4
14.0	300	-4.4
14.1	350	-4.3
14.1	400	-4.3
14.0	450	-4.4
14.3	500	-4.1
14.0	550	-4.4
14.1	600	-4.3
13.6	650	-4.8
13.9	700	-4.5
13.6	750	-4.8
13.8	800	-4.6
13.6	850	-4.8
13.2	900	-5.2
13.8	950	-4.6
14.0	1000	-4.4
14.1	1050	-4.3
14.2	1100	-4.2
14.3	1150	-4.1
14.2	1200	-4.2
14.0	1250	-4.4
14.1	1300	-4.3
14.1	1350	-4.3
13.5	1400	-4.9
14.1	1450	-4.3
14.1	1500	-4.3
14.0	1550	-4.4
13.9	1600	-4.5

13.9	1650	-4.5
14.1	1700	-4.3
14.1	1750	-4.3
14.0	1800	-4.4
14.0	1850	-4.4
13.9	1900	-4.5
13.9	1950	-4.5
13.8	2000	-4.6
13.7	2050	-4.7
13.8	2100	-4.6
13.7	2150	-4.7
13.7	2200	-4.7
13.8	2250	-4.6
13.8	2300	-4.6
13.8	2350	-4.6
13.9	2400	-4.5
13.9	2450	-4.5
14.0	2500	-4.4
13.8	2550	-4.6
13.8	2600	-4.6
13.5	2650	-4.9
13.5	2700	-4.9
13.4	2750	-5.0
13.6	2800	-4.8
13.3	2850	-5.1
13.6	2900	-4.8
13.5	2950	-4.9
13.5	3000	-4.9
13.9	3050	-4.5
14.2	3100	-4.2
14.2	3150	-4.2
14.3	3200	-4.1
14.5	3250	-3.9
14.6	3300	-3.8
14.2	3350	-4.2
13.8	3400	-4.6
14.3	3450	-4.1
14.5	3500	-3.9
14.3	3550	-4.1
13.5	3600	-4.9
13.5	3650	-4.9
14.7	3700	-3.7
14.7	3750	-3.7
14.8	3800	-3.6
13.9	3850	-4.5
14.8	3900	-3.6
15.0	3950	-3.4
15.1	4000	-3.3
14.9	4050	-3.5
14.9	4100	-3.5
14.8	4150	-3.6
15.1	4200	-3.3

15.1	4250	-3.3
15.0	4300	-3.4
15.4	4350	-3.0
15.4	4400	-3.0
15.3	4450	-3.1
15.5	4500	-2.9
15.6	4550	-2.8
15.7	4600	-2.7
15.6	4650	-2.8
15.6	4700	-2.8
15.5	4750	-2.9
15.4	4800	-3.0
15.3	4850	-3.1
15.3	4900	-3.1
15.5	4950	-2.9
15.7	5000	-2.7
15.9	5050	-2.5
16.0	5100	-2.4
16.1	5150	-2.3
16.2	5200	-2.2
16.5	5250	-1.9
16.7	5300	-1.7
16.7	5350	-1.7
16.5	5400	-1.9
16.9	5450	-1.5
16.9	5500	-1.5
17.0	5550	-1.4
17.1	5600	-1.3
17.1	5650	-1.3
17.1	5700	-1.3
17.2	5750	-1.2
17.3	5800	-1.1
17.4	5850	-1.0
17.7	5900	-0.7
17.9	5950	-0.5
18.0	6000	-0.4
18.1	6050	-0.3
18.2	6100	-0.2
18.2	6150	-0.2
18.4	6200	0.0
18.6	6250	0.2
18.7	6300	0.3
18.7	6350	0.3
18.7	6400	0.3
19.0	6450	0.6
19.3	6500	0.9
19.6	6550	1.2
19.6	6600	1.2
19.9	6650	1.5
20.0	6700	1.6
20.1	6750	1.7
20.2	6800	1.8

20.2	6850	1.8
20.4	6900	2.0
20.7	6950	2.3
20.8	7000	2.4
21.1	7050	2.7
21.5	7100	3.1
21.8	7150	3.4
22.1	7200	3.7
22.6	7250	4.2
22.7	7300	4.3
22.8	7350	4.4
22.9	7400	4.5
22.9	7450	4.5
23.0	7500	4.6
24.3	7550	5.9
24.4	7600	6.0
24.6	7650	6.2
25.0	7700	6.6
25.0	7750	6.6
24.9	7800	6.5
24.9	7850	6.5
24.8	7900	6.4
26.0	7950	7.6
26.2	8000	7.8
26.3	8050	7.9
26.4	8100	8.0
26.6	8150	8.2
26.8	8200	8.4
26.9	8250	8.5
27.3	8300	8.9
27.5	8350	9.1
27.6	8400	9.2
27.5	8450	9.1
27.3	8500	8.9
<b>Processing Gain @ 80th Percentile(dB) =</b>		<b>13.9</b>



**Processing Gain**

ISL37400M

2Mbps 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	22.8	13.3	7.5	2.0	-52.9	<=8.0
2453.55	22.2	13.3	6.9	2.0	-53.5	<=8.0
2453.60	21.9	13.3	6.6	2.0	-53.8	<=8.0
2453.65	20.7	13.3	5.4	2.0	-55.0	<=8.0
2453.70	19.9	13.3	4.6	2.0	-55.8	<=8.0
2453.75	20.8	13.3	5.5	2.0	-54.9	<=8.0
2453.80	19.3	13.3	4.0	2.0	-56.4	<=8.0
2453.85	19.6	13.3	4.3	2.0	-56.1	<=8.0
2453.90	19.4	13.3	4.1	2.0	-56.3	<=8.0
2453.95	20.2	13.3	4.9	2.0	-55.5	<=8.0
2454.00	19.3	13.3	4.0	2.0	-56.4	<=8.0
2454.05	19.1	13.3	3.8	2.0	-56.6	<=8.0
2454.10	18.6	13.3	3.3	2.0	-57.1	<=8.0
2454.15	20.5	13.3	5.2	2.0	-55.2	<=8.0
2454.20	20.2	13.3	4.9	2.0	-55.5	<=8.0
2454.25	20.5	13.3	5.2	2.0	-55.2	<=8.0
2454.30	20.8	13.3	5.5	2.0	-54.9	<=8.0
2454.35	21.3	13.3	6.0	2.0	-54.4	<=8.0
2454.40	21.1	13.3	5.8	2.0	-54.6	<=8.0
2454.45	20.6	13.3	5.3	2.0	-55.1	<=8.0
2454.50	19.6	13.3	4.3	2.0	-56.1	<=8.0
2454.55	19.4	13.3	4.1	2.0	-56.3	<=8.0
2454.60	19.9	13.3	4.6	2.0	-55.8	<=8.0
2454.65	19.2	13.3	3.9	2.0	-56.5	<=8.0
2454.70	19.4	13.3	4.1	2.0	-56.3	<=8.0
2454.75	19.6	13.3	4.3	2.0	-56.1	<=8.0
2454.80	17.4	13.3	2.1	2.0	-58.3	<=8.0
2454.85	19.1	13.3	3.8	2.0	-56.6	<=8.0
2454.90	18.6	13.3	3.3	2.0	-57.1	<=8.0
2454.95	18.5	13.3	3.2	2.0	-57.2	<=8.0
2455.00	17.9	13.3	2.6	2.0	-57.8	<=8.0
2455.05	18.8	13.3	3.5	2.0	-56.9	<=8.0
2455.10	19.4	13.3	4.1	2.0	-56.3	<=8.0
2455.15	18.4	13.3	3.1	2.0	-57.3	<=8.0
2455.20	18.4	13.3	3.1	2.0	-57.3	<=8.0
2455.25	19.7	13.3	4.4	2.0	-56.0	<=8.0
2455.30	18.2	13.3	2.9	2.0	-57.5	<=8.0
2455.35	19.3	13.3	4.0	2.0	-56.4	<=8.0
2455.40	18.7	13.3	3.4	2.0	-57.0	<=8.0
2455.45	18.3	13.3	3.0	2.0	-57.4	<=8.0
2455.50	19.0	13.3	3.7	2.0	-56.7	<=8.0
2455.55	18.4	13.3	3.1	2.0	-57.3	<=8.0
2455.60	17.9	13.3	2.6	2.0	-57.8	<=8.0
2455.65	18.3	13.3	3.0	2.0	-57.4	<=8.0
2455.70	17.0	13.3	1.7	2.0	-58.7	<=8.0
2455.75	17.0	13.3	1.7	2.0	-58.7	<=8.0
2455.80	17.0	13.3	1.7	2.0	-58.7	<=8.0
2455.85	16.6	13.3	1.3	2.0	-59.1	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	16.5	13.3	1.2	2.0	-59.2	<=8.0
2455.95	15.5	13.3	0.2	2.0	-60.2	<=8.0
2456.00	16.2	13.3	0.9	2.0	-59.5	<=8.0
2456.05	15.0	13.3	-0.3	2.0	-60.7	<=8.0
2456.10	15.1	13.3	-0.2	2.0	-60.6	<=8.0
2456.15	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2456.20	16.1	13.3	0.8	2.0	-59.6	<=8.0
2456.25	16.3	13.3	1.0	2.0	-59.4	<=8.0
2456.30	18.3	13.3	3.0	2.0	-57.4	<=8.0
2456.35	17.8	13.3	2.5	2.0	-57.9	<=8.0
2456.40	18.6	13.3	3.3	2.0	-57.1	<=8.0
2456.45	19.3	13.3	4.0	2.0	-56.4	<=8.0
2456.50	21.1	13.3	5.8	2.0	-54.6	<=8.0
2456.55	24.2	13.3	8.9	2.0	-51.5	<=8.0
2456.60	25.2	13.3	9.9	2.0	-50.5	<=8.0
2456.65	25.3	13.3	10.0	2.0	-50.4	<=8.0
2456.70	23.3	13.3	8.0	2.0	-52.4	<=8.0
2456.75	21.6	13.3	6.3	2.0	-54.1	<=8.0
2456.80	18.8	13.3	3.5	2.0	-56.9	<=8.0
2456.85	16.9	13.3	1.6	2.0	-58.8	<=8.0
2456.90	17.2	13.3	1.9	2.0	-58.5	<=8.0
2456.95	16.7	13.3	1.4	2.0	-59.0	<=8.0
2457.00	16.9	13.3	1.6	2.0	-58.8	<=8.0
2457.05	16.6	13.3	1.3	2.0	-59.1	<=8.0
2457.10	16.5	13.3	1.2	2.0	-59.2	<=8.0
2457.15	16.3	13.3	1.0	2.0	-59.4	<=8.0
2457.20	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2457.25	15.1	13.3	-0.2	2.0	-60.6	<=8.0
2457.30	15.0	13.3	-0.3	2.0	-60.7	<=8.0
2457.35	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2457.40	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2457.45	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2457.50	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2457.55	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2457.60	13.0	13.3	-2.3	2.0	-62.7	<=8.0
2457.65	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2457.70	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2457.75	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2457.80	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2457.85	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2457.90	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2457.95	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2458.00	13.7	13.3	-1.6	2.0	-62.0	<=8.0
2458.05	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2458.10	12.7	13.3	-2.6	2.0	-63.0	<=8.0
2458.15	13.7	13.3	-1.6	2.0	-62.0	<=8.0
2458.20	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2458.25	12.7	13.3	-2.6	2.0	-63.0	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	13.7	13.3	-1.6	2.0	-62.0	<=8.0
2458.35	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2458.40	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2458.45	12.6	13.3	-2.7	2.0	-63.1	<=8.0
2458.50	12.3	13.3	-3.0	2.0	-63.4	<=8.0
2458.55	14.1	13.3	-1.2	2.0	-61.6	<=8.0
2458.60	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2458.65	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2458.70	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2458.75	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2458.80	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2458.85	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2458.90	12.2	13.3	-3.1	2.0	-63.5	<=8.0
2458.95	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2459.00	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2459.05	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2459.10	13.3	13.3	-2.0	2.0	-62.4	<=8.0
2459.15	12.0	13.3	-3.3	2.0	-63.7	<=8.0
2459.20	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2459.25	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2459.30	12.3	13.3	-3.0	2.0	-63.4	<=8.0
2459.35	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2459.40	12.0	13.3	-3.3	2.0	-63.7	<=8.0
2459.45	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2459.50	12.7	13.3	-2.6	2.0	-63.0	<=8.0
2459.55	11.7	13.3	-3.6	2.0	-64.0	<=8.0
2459.60	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2459.65	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2459.70	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2459.75	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2459.80	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2459.85	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2459.90	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2459.95	11.8	13.3	-3.5	2.0	-63.9	<=8.0
2460.00	12.2	13.3	-3.1	2.0	-63.5	<=8.0
2460.05	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2460.10	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2460.15	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2460.20	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2460.25	12.7	13.3	-2.6	2.0	-63.0	<=8.0
2460.30	13.0	13.3	-2.3	2.0	-62.7	<=8.0
2460.35	12.1	13.3	-3.2	2.0	-63.6	<=8.0
2460.40	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2460.45	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2460.50	13.7	13.3	-1.6	2.0	-62.0	<=8.0
2460.55	13.3	13.3	-2.0	2.0	-62.4	<=8.0
2460.60	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2460.65	13.6	13.3	-1.7	2.0	-62.1	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2460.75	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2460.80	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2460.85	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2460.90	12.0	13.3	-3.3	2.0	-63.7	<=8.0
2460.95	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2461.00	14.7	13.3	-0.6	2.0	-61.0	<=8.0
2461.05	15.6	13.3	0.3	2.0	-60.1	<=8.0
2461.10	14.3	13.3	-1.0	2.0	-61.4	<=8.0
2461.15	14.6	13.3	-0.7	2.0	-61.1	<=8.0
2461.20	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2461.25	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2461.30	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2461.35	11.9	13.3	-3.4	2.0	-63.8	<=8.0
2461.40	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2461.45	12.3	13.3	-3.0	2.0	-63.4	<=8.0
2461.50	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2461.55	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2461.60	12.6	13.3	-2.7	2.0	-63.1	<=8.0
2461.65	12.7	13.3	-2.6	2.0	-63.0	<=8.0
2461.70	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2461.75	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2461.80	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2461.85	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2461.90	16.4	13.3	1.1	2.0	-59.3	<=8.0
2461.95	17.0	13.3	1.7	2.0	-58.7	<=8.0
2462.00	21.5	13.3	6.2	2.0	-54.2	<=8.0
2462.05	22.9	13.3	7.6	2.0	-52.8	<=8.0
2462.10	23.8	13.3	8.5	2.0	-51.9	<=8.0
2462.15	24.2	13.3	8.9	2.0	-51.5	<=8.0
2462.20	24.4	13.3	9.1	2.0	-51.3	<=8.0
2462.25	22.5	13.3	7.2	2.0	-53.2	<=8.0
2462.30	21.5	13.3	6.2	2.0	-54.2	<=8.0
2462.35	17.8	13.3	2.5	2.0	-57.9	<=8.0
2462.40	18.0	13.3	2.7	2.0	-57.7	<=8.0
2462.45	16.9	13.3	1.6	2.0	-58.8	<=8.0
2462.50	17.7	13.3	2.4	2.0	-58.0	<=8.0
2462.55	16.9	13.3	1.6	2.0	-58.8	<=8.0
2462.60	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2462.65	15.1	13.3	-0.2	2.0	-60.6	<=8.0
2462.70	11.9	13.3	-3.4	2.0	-63.8	<=8.0
2462.75	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2462.80	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2462.85	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2462.90	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2462.95	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2463.00	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2463.05	13.3	13.3	-2.0	2.0	-62.4	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2463.15	15.2	13.3	-0.1	2.0	-60.5	<=8.0
2463.20	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2463.25	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2463.30	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2463.35	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2463.40	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2463.45	14.9	13.3	-0.4	2.0	-60.8	<=8.0
2463.50	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2463.55	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2463.60	14.9	13.3	-0.4	2.0	-60.8	<=8.0
2463.65	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2463.70	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2463.75	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2463.80	14.3	13.3	-1.0	2.0	-61.4	<=8.0
2463.85	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2463.90	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2463.95	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2464.00	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2464.05	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2464.10	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2464.15	13.0	13.3	-2.3	2.0	-62.7	<=8.0
2464.20	14.7	13.3	-0.6	2.0	-61.0	<=8.0
2464.25	13.8	13.3	-1.5	2.0	-61.9	<=8.0
2464.30	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2464.35	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2464.40	12.1	13.3	-3.2	2.0	-63.6	<=8.0
2464.45	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2464.50	14.1	13.3	-1.2	2.0	-61.6	<=8.0
2464.55	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2464.60	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2464.65	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2464.70	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2464.75	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2464.80	13.3	13.3	-2.0	2.0	-62.4	<=8.0
2464.85	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2464.90	13.0	13.3	-2.3	2.0	-62.7	<=8.0
2464.95	12.1	13.3	-3.2	2.0	-63.6	<=8.0
2465.00	12.4	13.3	-2.9	2.0	-63.3	<=8.0
2465.05	11.9	13.3	-3.4	2.0	-63.8	<=8.0
2465.10	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2465.15	13.3	13.3	-2.0	2.0	-62.4	<=8.0
2465.20	13.7	13.3	-1.6	2.0	-62.0	<=8.0
2465.25	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2465.30	13.6	13.3	-1.7	2.0	-62.1	<=8.0
2465.35	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2465.40	13.8	13.3	-1.5	2.0	-61.9	<=8.0
2465.45	14.2	13.3	-1.1	2.0	-61.5	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	14.3	13.3	-1.0	2.0	-61.4	<=8.0
2465.55	13.8	13.3	-1.5	2.0	-61.9	<=8.0
2465.60	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2465.65	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2465.70	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2465.75	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2465.80	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2465.85	13.8	13.3	-1.5	2.0	-61.9	<=8.0
2465.90	12.2	13.3	-3.1	2.0	-63.5	<=8.0
2465.95	12.3	13.3	-3.0	2.0	-63.4	<=8.0
2466.00	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2466.05	13.1	13.3	-2.2	2.0	-62.6	<=8.0
2466.10	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2466.15	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2466.20	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2466.25	14.6	13.3	-0.7	2.0	-61.1	<=8.0
2466.30	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2466.35	13.5	13.3	-1.8	2.0	-62.2	<=8.0
2466.40	14.2	13.3	-1.1	2.0	-61.5	<=8.0
2466.45	14.6	13.3	-0.7	2.0	-61.1	<=8.0
2466.50	14.0	13.3	-1.3	2.0	-61.7	<=8.0
2466.55	14.8	13.3	-0.5	2.0	-60.9	<=8.0
2466.60	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2466.65	12.8	13.3	-2.5	2.0	-62.9	<=8.0
2466.70	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2466.75	13.9	13.3	-1.4	2.0	-61.8	<=8.0
2466.80	14.5	13.3	-0.8	2.0	-61.2	<=8.0
2466.85	14.1	13.3	-1.2	2.0	-61.6	<=8.0
2466.90	12.5	13.3	-2.8	2.0	-63.2	<=8.0
2466.95	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2467.00	13.4	13.3	-1.9	2.0	-62.3	<=8.0
2467.05	14.4	13.3	-0.9	2.0	-61.3	<=8.0
2467.10	14.1	13.3	-1.2	2.0	-61.6	<=8.0
2467.15	12.9	13.3	-2.4	2.0	-62.8	<=8.0
2467.20	15.0	13.3	-0.3	2.0	-60.7	<=8.0
2467.25	13.2	13.3	-2.1	2.0	-62.5	<=8.0
2467.30	15.2	13.3	-0.1	2.0	-60.5	<=8.0
2467.35	16.5	13.3	1.2	2.0	-59.2	<=8.0
2467.40	17.8	13.3	2.5	2.0	-57.9	<=8.0
2467.45	18.9	13.3	3.6	2.0	-56.8	<=8.0
2467.50	22.7	13.3	7.4	2.0	-53.0	<=8.0
2467.55	24.0	13.3	8.7	2.0	-51.7	<=8.0
2467.60	25.5	13.3	10.2	2.0	-50.2	<=8.0
2467.65	25.7	13.3	10.4	2.0	-50.0	<=8.0
2467.70	25.2	13.3	9.9	2.0	-50.5	<=8.0
2467.75	24.1	13.3	8.8	2.0	-51.6	<=8.0
2467.80	22.2	13.3	6.9	2.0	-53.5	<=8.0
2467.85	21.2	13.3	5.9	2.0	-54.5	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	20.1	13.3	4.8	2.0	-55.6	<=8.0
2467.95	18.3	13.3	3.0	2.0	-57.4	<=8.0
2468.00	18.7	13.3	3.4	2.0	-57.0	<=8.0
2468.05	18.2	13.3	2.9	2.0	-57.5	<=8.0
2468.10	18.0	13.3	2.7	2.0	-57.7	<=8.0
2468.15	16.9	13.3	1.6	2.0	-58.8	<=8.0
2468.20	17.4	13.3	2.1	2.0	-58.3	<=8.0
2468.25	17.0	13.3	1.7	2.0	-58.7	<=8.0
2468.30	17.5	13.3	2.2	2.0	-58.2	<=8.0
2468.35	16.8	13.3	1.5	2.0	-58.9	<=8.0
2468.40	16.8	13.3	1.5	2.0	-58.9	<=8.0
2468.45	16.2	13.3	0.9	2.0	-59.5	<=8.0
2468.50	16.2	13.3	0.9	2.0	-59.5	<=8.0
2468.55	16.2	13.3	0.9	2.0	-59.5	<=8.0
2468.60	15.7	13.3	0.4	2.0	-60.0	<=8.0
2468.65	16.7	13.3	1.4	2.0	-59.0	<=8.0
2468.70	16.4	13.3	1.1	2.0	-59.3	<=8.0
2468.75	16.8	13.3	1.5	2.0	-58.9	<=8.0
2468.80	18.6	13.3	3.3	2.0	-57.1	<=8.0
2468.85	17.8	13.3	2.5	2.0	-57.9	<=8.0
2468.90	17.4	13.3	2.1	2.0	-58.3	<=8.0
2468.95	17.9	13.3	2.6	2.0	-57.8	<=8.0
2469.00	17.9	13.3	2.6	2.0	-57.8	<=8.0
2469.05	18.5	13.3	3.2	2.0	-57.2	<=8.0
2469.10	18.8	13.3	3.5	2.0	-56.9	<=8.0
2469.15	18.8	13.3	3.5	2.0	-56.9	<=8.0
2469.20	19.7	13.3	4.4	2.0	-56.0	<=8.0
2469.25	18.7	13.3	3.4	2.0	-57.0	<=8.0
2469.30	20.0	13.3	4.7	2.0	-55.7	<=8.0
2469.35	19.0	13.3	3.7	2.0	-56.7	<=8.0
2469.40	19.7	13.3	4.4	2.0	-56.0	<=8.0
2469.45	20.1	13.3	4.8	2.0	-55.6	<=8.0
2469.50	20.4	13.3	5.1	2.0	-55.3	<=8.0
2469.55	21.0	13.3	5.7	2.0	-54.7	<=8.0
2469.60	20.1	13.3	4.8	2.0	-55.6	<=8.0
2469.65	20.8	13.3	5.5	2.0	-54.9	<=8.0
2469.70	21.8	13.3	6.5	2.0	-53.9	<=8.0
2469.75	20.6	13.3	5.3	2.0	-55.1	<=8.0
2469.80	21.0	13.3	5.7	2.0	-54.7	<=8.0
2469.85	20.7	13.3	5.4	2.0	-55.0	<=8.0
2469.90	21.1	13.3	5.8	2.0	-54.6	<=8.0
2469.95	21.1	13.3	5.8	2.0	-54.6	<=8.0
2470.00	21.1	13.3	5.8	2.0	-54.6	<=8.0
2470.05	21.9	13.3	6.6	2.0	-53.8	<=8.0
2470.10	22.1	13.3	6.8	2.0	-53.6	<=8.0
2470.15	21.2	13.3	5.9	2.0	-54.5	<=8.0
2470.20	21.5	13.3	6.2	2.0	-54.2	<=8.0
2470.25	22.6	13.3	7.3	2.0	-53.1	<=8.0

**Processing Gain**

ISL37400M

2Mbps 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	23.2	13.3	7.9	2.0	-52.5	<=8.0
2470.35	22.9	13.3	7.6	2.0	-52.8	<=8.0
2470.40	22.9	13.3	7.6	2.0	-52.8	<=8.0
2470.45	22.7	13.3	7.4	2.0	-53.0	<=8.0
2470.50	22.7	13.3	7.4	2.0	-53.0	<=8.0

**Processing Gain (dB) @ 80th Percentile = 13.1**

**ISL3685  
HFA3783  
ISL3183  
ISL3874**



Processing Gain (dB)	XMIT level	-60.4		
	<b>S/N+Ls</b>	<b>15.3</b>		
	<b>0dB J/S</b>	<b>0.0</b>		
PG	Offset	Signal Generator Delta		
22.8	-8500	7.5		
22.2	-8450	6.9		
21.9	-8400	6.6		
20.7	-8350	5.4		
19.9	-8300	4.6		
20.8	-8250	5.5		
19.3	-8200	4.0		
19.6	-8150	4.3		
19.4	-8100	4.1		
20.2	-8050	4.9		
19.3	-8000	4.0		
19.1	-7950	3.8		
18.6	-7900	3.3		
20.5	-7850	5.2		
20.2	-7800	4.9		
20.5	-7750	5.2		
20.8	-7700	5.5		
21.3	-7650	6.0		
21.1	-7600	5.8		
20.6	-7550	5.3		
19.6	-7500	4.3		
19.4	-7450	4.1		
19.9	-7400	4.6		
19.2	-7350	3.9		
19.4	-7300	4.1		
19.6	-7250	4.3		
17.4	-7200	2.1		
19.1	-7150	3.8		
18.6	-7100	3.3		
18.5	-7050	3.2		
17.9	-7000	2.6		
18.8	-6950	3.5		
19.4	-6900	4.1		
18.4	-6850	3.1		
18.4	-6800	3.1		
19.7	-6750	4.4		
18.2	-6700	2.9		
19.3	-6650	4.0		
18.7	-6600	3.4		
18.3	-6550	3.0		
19.0	-6500	3.7		
18.4	-6450	3.1		
17.9	-6400	2.6		
18.3	-6350	3.0		
17.0	-6300	1.7		
17.0	-6250	1.7		
17.0	-6200	1.7		

16.6	-6150	1.3		
16.5	-6100	1.2		
15.5	-6050	0.2		
16.2	-6000	0.9		
15.0	-5950	-0.3		
15.1	-5900	-0.2		
14.5	-5850	-0.8		
16.1	-5800	0.8		
16.3	-5750	1.0		
18.3	-5700	3.0		
17.8	-5650	2.5		
18.6	-5600	3.3		
19.3	-5550	4.0		
21.1	-5500	5.8		
24.2	-5450	8.9		
25.2	-5400	9.9		
25.3	-5350	10.0		
23.3	-5300	8.0		
21.6	-5250	6.3		
18.8	-5200	3.5		
16.9	-5150	1.6		
17.2	-5100	1.9		
16.7	-5050	1.4		
16.9	-5000	1.6		
16.6	-4950	1.3		
16.5	-4900	1.2		
16.3	-4850	1.0		
14.2	-4800	-1.1		
15.1	-4750	-0.2		
15.0	-4700	-0.3		
14.2	-4650	-1.1		
13.4	-4600	-1.9		
13.5	-4550	-1.8		
13.6	-4500	-1.7		
13.1	-4450	-2.2		
13.0	-4400	-2.3		
13.4	-4350	-1.9		
13.4	-4300	-1.9		
12.9	-4250	-2.4		
12.9	-4200	-2.4		
14.2	-4150	-1.1		
14.2	-4100	-1.1		
13.5	-4050	-1.8		
13.7	-4000	-1.6		
13.6	-3950	-1.7		
12.7	-3900	-2.6		
13.7	-3850	-1.6		
14.2	-3800	-1.1		
12.7	-3750	-2.6		
13.7	-3700	-1.6		
13.2	-3650	-2.1		
12.5	-3600	-2.8		

12.6	-3550	-2.7		
12.3	-3500	-3.0		
14.1	-3450	-1.2		
13.5	-3400	-1.8		
13.1	-3350	-2.2		
13.1	-3300	-2.2		
13.2	-3250	-2.1		
13.1	-3200	-2.2		
13.4	-3150	-1.9		
12.2	-3100	-3.1		
13.2	-3050	-2.1		
13.4	-3000	-1.9		
13.6	-2950	-1.7		
13.3	-2900	-2.0		
12.0	-2850	-3.3		
13.2	-2800	-2.1		
13.1	-2750	-2.2		
12.3	-2700	-3.0		
14.2	-2650	-1.1		
12.0	-2600	-3.3		
12.4	-2550	-2.9		
12.7	-2500	-2.6		
11.7	-2450	-3.6		
12.4	-2400	-2.9		
12.8	-2350	-2.5		
12.5	-2300	-2.8		
13.4	-2250	-1.9		
13.5	-2200	-1.8		
13.1	-2150	-2.2		
13.9	-2100	-1.4		
11.8	-2050	-3.5		
12.2	-2000	-3.1		
13.4	-1950	-1.9		
12.8	-1900	-2.5		
13.9	-1850	-1.4		
12.9	-1800	-2.4		
12.7	-1750	-2.6		
13.0	-1700	-2.3		
12.1	-1650	-3.2		
13.2	-1600	-2.1		
12.9	-1550	-2.4		
13.7	-1500	-1.6		
13.3	-1450	-2.0		
13.1	-1400	-2.2		
13.6	-1350	-1.7		
12.8	-1300	-2.5		
12.9	-1250	-2.4		
13.4	-1200	-1.9		
13.6	-1150	-1.7		
12.0	-1100	-3.3		
12.8	-1050	-2.5		
14.7	-1000	-0.6		

15.6	-950	0.3		
14.3	-900	-1.0		
14.6	-850	-0.7		
14.5	-800	-0.8		
14.5	-750	-0.8		
14.2	-700	-1.1		
11.9	-650	-3.4		
13.2	-600	-2.1		
12.3	-550	-3.0		
12.8	-500	-2.5		
13.1	-450	-2.2		
12.6	-400	-2.7		
12.7	-350	-2.6		
12.5	-300	-2.8		
13.5	-250	-1.8		
13.1	-200	-2.2		
14.0	-150	-1.3		
16.4	-100	1.1		
17.0	-50	1.7		
21.5	0	6.2		
22.9	50	7.6		
23.8	100	8.5		
24.2	150	8.9		
24.4	200	9.1		
22.5	250	7.2		
21.5	300	6.2		
17.8	350	2.5		
18.0	400	2.7		
16.9	450	1.6		
17.7	500	2.4		
16.9	550	1.6		
14.4	600	-0.9		
15.1	650	-0.2		
11.9	700	-3.4		
14.5	750	-0.8		
14.4	800	-0.9		
14.0	850	-1.3		
12.4	900	-2.9		
13.2	950	-2.1		
12.4	1000	-2.9		
13.3	1050	-2.0		
14.5	1100	-0.8		
15.2	1150	-0.1		
14.4	1200	-0.9		
14.0	1250	-1.3		
14.0	1300	-1.3		
13.6	1350	-1.7		
13.9	1400	-1.4		
14.9	1450	-0.4		
14.5	1500	-0.8		
14.0	1550	-1.3		
14.9	1600	-0.4		

14.5	1650	-0.8		
12.4	1700	-2.9		
13.9	1750	-1.4		
14.3	1800	-1.0		
13.4	1850	-1.9		
12.4	1900	-2.9		
14.2	1950	-1.1		
13.9	2000	-1.4		
14.0	2050	-1.3		
13.9	2100	-1.4		
13.0	2150	-2.3		
14.7	2200	-0.6		
13.8	2250	-1.5		
14.4	2300	-0.9		
13.4	2350	-1.9		
12.1	2400	-3.2		
12.4	2450	-2.9		
14.1	2500	-1.2		
13.6	2550	-1.7		
12.9	2600	-2.4		
13.5	2650	-1.8		
13.1	2700	-2.2		
12.5	2750	-2.8		
13.3	2800	-2.0		
13.9	2850	-1.4		
13.0	2900	-2.3		
12.1	2950	-3.2		
12.4	3000	-2.9		
11.9	3050	-3.4		
12.5	3100	-2.8		
13.3	3150	-2.0		
13.7	3200	-1.6		
13.1	3250	-2.2		
13.6	3300	-1.7		
12.9	3350	-2.4		
13.8	3400	-1.5		
14.2	3450	-1.1		
14.3	3500	-1.0		
13.8	3550	-1.5		
13.9	3600	-1.4		
14.5	3650	-0.8		
12.9	3700	-2.4		
13.1	3750	-2.2		
13.4	3800	-1.9		
13.8	3850	-1.5		
12.2	3900	-3.1		
12.3	3950	-3.0		
13.2	4000	-2.1		
13.1	4050	-2.2		
12.8	4100	-2.5		
12.8	4150	-2.5		
14.4	4200	-0.9		

14.6	4250	-0.7		
14.4	4300	-0.9		
13.5	4350	-1.8		
14.2	4400	-1.1		
14.6	4450	-0.7		
14.0	4500	-1.3		
14.8	4550	-0.5		
13.9	4600	-1.4		
12.8	4650	-2.5		
13.2	4700	-2.1		
13.9	4750	-1.4		
14.5	4800	-0.8		
14.1	4850	-1.2		
12.5	4900	-2.8		
13.2	4950	-2.1		
13.4	5000	-1.9		
14.4	5050	-0.9		
14.1	5100	-1.2		
12.9	5150	-2.4		
15.0	5200	-0.3		
13.2	5250	-2.1		
15.2	5300	-0.1		
16.5	5350	1.2		
17.8	5400	2.5		
18.9	5450	3.6		
22.7	5500	7.4		
24.0	5550	8.7		
25.5	5600	10.2		
25.7	5650	10.4		
25.2	5700	9.9		
24.1	5750	8.8		
22.2	5800	6.9		
21.2	5850	5.9		
20.1	5900	4.8		
18.3	5950	3.0		
18.7	6000	3.4		
18.2	6050	2.9		
18.0	6100	2.7		
16.9	6150	1.6		
17.4	6200	2.1		
17.0	6250	1.7		
17.5	6300	2.2		
16.8	6350	1.5		
16.8	6400	1.5		
16.2	6450	0.9		
16.2	6500	0.9		
16.2	6550	0.9		
15.7	6600	0.4		
16.7	6650	1.4		
16.4	6700	1.1		
16.8	6750	1.5		
18.6	6800	3.3		



**Processing Gain**

ISL37400M

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	23.6	16.4	5.2	2.0	-55.8	<=8.0
2453.55	24.2	16.4	5.8	2.0	-55.2	<=8.0
2453.60	23.5	16.4	5.1	2.0	-55.9	<=8.0
2453.65	23.4	16.4	5.0	2.0	-56.0	<=8.0
2453.70	24.3	16.4	5.9	2.0	-55.1	<=8.0
2453.75	24.4	16.4	6.0	2.0	-55.0	<=8.0
2453.80	24.0	16.4	5.6	2.0	-55.4	<=8.0
2453.85	23.8	16.4	5.4	2.0	-55.6	<=8.0
2453.90	23.7	16.4	5.3	2.0	-55.7	<=8.0
2453.95	24.1	16.4	5.7	2.0	-55.3	<=8.0
2454.00	23.6	16.4	5.2	2.0	-55.8	<=8.0
2454.05	24.5	16.4	6.1	2.0	-54.9	<=8.0
2454.10	24.8	16.4	6.4	2.0	-54.6	<=8.0
2454.15	24.5	16.4	6.1	2.0	-54.9	<=8.0
2454.20	24.8	16.4	6.4	2.0	-54.6	<=8.0
2454.25	25.7	16.4	7.3	2.0	-53.7	<=8.0
2454.30	25.8	16.4	7.4	2.0	-53.6	<=8.0
2454.35	25.8	16.4	7.4	2.0	-53.6	<=8.0
2454.40	22.6	16.4	4.2	2.0	-56.8	<=8.0
2454.45	22.5	16.4	4.1	2.0	-56.9	<=8.0
2454.50	22.6	16.4	4.2	2.0	-56.8	<=8.0
2454.55	22.7	16.4	4.3	2.0	-56.7	<=8.0
2454.60	22.2	16.4	3.8	2.0	-57.2	<=8.0
2454.65	22.2	16.4	3.8	2.0	-57.2	<=8.0
2454.70	22.1	16.4	3.7	2.0	-57.3	<=8.0
2454.75	21.6	16.4	3.2	2.0	-57.8	<=8.0
2454.80	21.5	16.4	3.1	2.0	-57.9	<=8.0
2454.85	21.9	16.4	3.5	2.0	-57.5	<=8.0
2454.90	22.2	16.4	3.8	2.0	-57.2	<=8.0
2454.95	22.8	16.4	4.4	2.0	-56.6	<=8.0
2455.00	21.0	16.4	2.6	2.0	-58.4	<=8.0
2455.05	22.2	16.4	3.8	2.0	-57.2	<=8.0
2455.10	21.8	16.4	3.4	2.0	-57.6	<=8.0
2455.15	20.2	16.4	1.8	2.0	-59.2	<=8.0
2455.20	20.1	16.4	1.7	2.0	-59.3	<=8.0
2455.25	20.0	16.4	1.6	2.0	-59.4	<=8.0
2455.30	20.1	16.4	1.7	2.0	-59.3	<=8.0
2455.35	19.5	16.4	1.1	2.0	-59.9	<=8.0
2455.40	19.7	16.4	1.3	2.0	-59.7	<=8.0
2455.45	19.5	16.4	1.1	2.0	-59.9	<=8.0
2455.50	19.4	16.4	1.0	2.0	-60.0	<=8.0
2455.55	20.6	16.4	2.2	2.0	-58.8	<=8.0
2455.60	19.4	16.4	1.0	2.0	-60.0	<=8.0
2455.65	18.9	16.4	0.5	2.0	-60.5	<=8.0
2455.70	19.5	16.4	1.1	2.0	-59.9	<=8.0
2455.75	18.6	16.4	0.2	2.0	-60.8	<=8.0
2455.80	18.8	16.4	0.4	2.0	-60.6	<=8.0
2455.85	19.1	16.4	0.7	2.0	-60.3	<=8.0



**Processing Gain**

ISL37400M

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	18.3	16.4	-0.1	2.0	-61.1	<=8.0
2455.95	19.3	16.4	0.9	2.0	-60.1	<=8.0
2456.00	18.9	16.4	0.5	2.0	-60.5	<=8.0
2456.05	18.1	16.4	-0.3	2.0	-61.3	<=8.0
2456.10	18.4	16.4	0.0	2.0	-61.0	<=8.0
2456.15	17.5	16.4	-0.9	2.0	-61.9	<=8.0
2456.20	17.6	16.4	-0.8	2.0	-61.8	<=8.0
2456.25	17.3	16.4	-1.1	2.0	-62.1	<=8.0
2456.30	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2456.35	17.9	16.4	-0.5	2.0	-61.5	<=8.0
2456.40	17.8	16.4	-0.6	2.0	-61.6	<=8.0
2456.45	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2456.50	16.8	16.4	-1.6	2.0	-62.6	<=8.0
2456.55	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2456.60	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2456.65	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2456.70	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2456.75	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2456.80	15.9	16.4	-2.5	2.0	-63.5	<=8.0
2456.85	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2456.90	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2456.95	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2457.00	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2457.05	16.7	16.4	-1.7	2.0	-62.7	<=8.0
2457.10	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2457.15	16.2	16.4	-2.2	2.0	-63.2	<=8.0
2457.20	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2457.25	17.2	16.4	-1.2	2.0	-62.2	<=8.0
2457.30	16.5	16.4	-1.9	2.0	-62.9	<=8.0
2457.35	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2457.40	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2457.45	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2457.50	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2457.55	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2457.60	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2457.65	15.5	16.4	-2.9	2.0	-63.9	<=8.0
2457.70	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2457.75	15.4	16.4	-3.0	2.0	-64.0	<=8.0
2457.80	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2457.85	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2457.90	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2457.95	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2458.00	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2458.05	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2458.10	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2458.15	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2458.20	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2458.25	15.5	16.4	-2.9	2.0	-63.9	<=8.0

**Processing Gain**

ISL37400M

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	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2458.35	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2458.40	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2458.45	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2458.50	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2458.55	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2458.60	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2458.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2458.70	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2458.75	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2458.80	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2458.85	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2458.90	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2458.95	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2459.00	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2459.05	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2459.10	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2459.15	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2459.20	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2459.25	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2459.30	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2459.35	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2459.40	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2459.45	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2459.50	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2459.55	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2459.60	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2459.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2459.70	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2459.75	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2459.80	12.9	16.4	-5.5	2.0	-66.5	<=8.0
2459.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2459.90	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2459.95	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2460.00	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2460.05	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2460.10	13.0	16.4	-5.4	2.0	-66.4	<=8.0
2460.15	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2460.20	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2460.25	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2460.30	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2460.35	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2460.40	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2460.45	12.9	16.4	-5.5	2.0	-66.5	<=8.0
2460.50	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2460.55	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2460.60	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2460.65	13.7	16.4	-4.7	2.0	-65.7	<=8.0

**Processing Gain**

ISL37400M

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	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2460.75	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2460.80	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2460.85	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2460.90	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2460.95	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2461.00	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2461.05	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2461.10	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2461.15	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2461.20	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2461.25	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2461.30	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2461.35	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2461.40	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2461.45	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2461.50	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2461.55	13.3	16.4	-5.1	2.0	-66.1	<=8.0
2461.60	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2461.65	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2461.70	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2461.75	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2461.80	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2461.85	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2461.90	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2461.95	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2462.00	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2462.05	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2462.10	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2462.15	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2462.20	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2462.25	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2462.30	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2462.35	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2462.40	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2462.45	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2462.50	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2462.55	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2462.60	14.8	16.4	-3.6	2.0	-64.6	<=8.0
2462.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2462.70	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2462.75	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2462.80	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2462.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2462.90	12.7	16.4	-5.7	2.0	-66.7	<=8.0
2462.95	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2463.00	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2463.05	14.7	16.4	-3.7	2.0	-64.7	<=8.0

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	-65.9	<=8.0
2463.15	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2463.20	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2463.25	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2463.30	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2463.35	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2463.40	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2463.45	13.4	16.4	-5.0	2.0	-66.0	<=8.0
2463.50	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2463.55	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2463.60	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2463.65	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2463.70	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2463.75	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2463.80	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2463.85	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2463.90	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2463.95	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2464.00	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2464.05	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2464.10	13.7	16.4	-4.7	2.0	-65.7	<=8.0
2464.15	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2464.20	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2464.25	14.0	16.4	-4.4	2.0	-65.4	<=8.0
2464.30	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2464.35	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2464.40	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2464.45	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2464.50	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2464.55	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2464.60	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2464.65	13.0	16.4	-5.4	2.0	-66.4	<=8.0
2464.70	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2464.75	12.7	16.4	-5.7	2.0	-66.7	<=8.0
2464.80	13.2	16.4	-5.2	2.0	-66.2	<=8.0
2464.85	12.9	16.4	-5.5	2.0	-66.5	<=8.0
2464.90	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2464.95	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2465.00	13.6	16.4	-4.8	2.0	-65.8	<=8.0
2465.05	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2465.10	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2465.15	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2465.20	14.2	16.4	-4.2	2.0	-65.2	<=8.0
2465.25	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2465.30	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2465.35	14.5	16.4	-3.9	2.0	-64.9	<=8.0
2465.40	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2465.45	14.7	16.4	-3.7	2.0	-64.7	<=8.0

**Processing Gain**

ISL37400M

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	14.1	16.4	-4.3	2.0	-65.3	<=8.0
2465.55	13.8	16.4	-4.6	2.0	-65.6	<=8.0
2465.60	13.5	16.4	-4.9	2.0	-65.9	<=8.0
2465.65	13.1	16.4	-5.3	2.0	-66.3	<=8.0
2465.70	14.6	16.4	-3.8	2.0	-64.8	<=8.0
2465.75	14.3	16.4	-4.1	2.0	-65.1	<=8.0
2465.80	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2465.85	13.9	16.4	-4.5	2.0	-65.5	<=8.0
2465.90	14.4	16.4	-4.0	2.0	-65.0	<=8.0
2465.95	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2466.00	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2466.05	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2466.10	14.7	16.4	-3.7	2.0	-64.7	<=8.0
2466.15	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2466.20	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2466.25	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2466.30	15.2	16.4	-3.2	2.0	-64.2	<=8.0
2466.35	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2466.40	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2466.45	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2466.50	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2466.55	15.1	16.4	-3.3	2.0	-64.3	<=8.0
2466.60	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2466.65	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2466.70	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2466.75	14.9	16.4	-3.5	2.0	-64.5	<=8.0
2466.80	15.3	16.4	-3.1	2.0	-64.1	<=8.0
2466.85	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2466.90	15.7	16.4	-2.7	2.0	-63.7	<=8.0
2466.95	15.6	16.4	-2.8	2.0	-63.8	<=8.0
2467.00	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2467.05	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2467.10	16.1	16.4	-2.3	2.0	-63.3	<=8.0
2467.15	15.8	16.4	-2.6	2.0	-63.6	<=8.0
2467.20	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2467.25	16.6	16.4	-1.8	2.0	-62.8	<=8.0
2467.30	17.1	16.4	-1.3	2.0	-62.3	<=8.0
2467.35	16.3	16.4	-2.1	2.0	-63.1	<=8.0
2467.40	16.4	16.4	-2.0	2.0	-63.0	<=8.0
2467.45	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2467.50	17.6	16.4	-0.8	2.0	-61.8	<=8.0
2467.55	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2467.60	17.4	16.4	-1.0	2.0	-62.0	<=8.0
2467.65	17.6	16.4	-0.8	2.0	-61.8	<=8.0
2467.70	18.2	16.4	-0.2	2.0	-61.2	<=8.0
2467.75	19.1	16.4	0.7	2.0	-60.3	<=8.0
2467.80	17.7	16.4	-0.7	2.0	-61.7	<=8.0
2467.85	18.2	16.4	-0.2	2.0	-61.2	<=8.0

**Processing Gain**

ISL37400M

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	18.9	16.4	0.5	2.0	-60.5	<=8.0
2467.95	19.3	16.4	0.9	2.0	-60.1	<=8.0
2468.00	19.0	16.4	0.6	2.0	-60.4	<=8.0
2468.05	19.3	16.4	0.9	2.0	-60.1	<=8.0
2468.10	19.6	16.4	1.2	2.0	-59.8	<=8.0
2468.15	19.6	16.4	1.2	2.0	-59.8	<=8.0
2468.20	19.4	16.4	1.0	2.0	-60.0	<=8.0
2468.25	19.6	16.4	1.2	2.0	-59.8	<=8.0
2468.30	19.8	16.4	1.4	2.0	-59.6	<=8.0
2468.35	19.2	16.4	0.8	2.0	-60.2	<=8.0
2468.40	19.3	16.4	0.9	2.0	-60.1	<=8.0
2468.45	20.4	16.4	2.0	2.0	-59.0	<=8.0
2468.50	20.4	16.4	2.0	2.0	-59.0	<=8.0
2468.55	21.0	16.4	2.6	2.0	-58.4	<=8.0
2468.60	20.5	16.4	2.1	2.0	-58.9	<=8.0
2468.65	21.2	16.4	2.8	2.0	-58.2	<=8.0
2468.70	21.0	16.4	2.6	2.0	-58.4	<=8.0
2468.75	20.6	16.4	2.2	2.0	-58.8	<=8.0
2468.80	20.9	16.4	2.5	2.0	-58.5	<=8.0
2468.85	22.0	16.4	3.6	2.0	-57.4	<=8.0
2468.90	21.3	16.4	2.9	2.0	-58.1	<=8.0
2468.95	22.0	16.4	3.6	2.0	-57.4	<=8.0
2469.00	22.2	16.4	3.8	2.0	-57.2	<=8.0
2469.05	21.9	16.4	3.5	2.0	-57.5	<=8.0
2469.10	23.0	16.4	4.6	2.0	-56.4	<=8.0
2469.15	22.6	16.4	4.2	2.0	-56.8	<=8.0
2469.20	22.8	16.4	4.4	2.0	-56.6	<=8.0
2469.25	24.1	16.4	5.7	2.0	-55.3	<=8.0
2469.30	24.1	16.4	5.7	2.0	-55.3	<=8.0
2469.35	23.9	16.4	5.5	2.0	-55.5	<=8.0
2469.40	23.3	16.4	4.9	2.0	-56.1	<=8.0
2469.45	23.6	16.4	5.2	2.0	-55.8	<=8.0
2469.50	23.4	16.4	5.0	2.0	-56.0	<=8.0
2469.55	25.5	16.4	7.1	2.0	-53.9	<=8.0
2469.60	25.9	16.4	7.5	2.0	-53.5	<=8.0
2469.65	25.1	16.4	6.7	2.0	-54.3	<=8.0
2469.70	25.9	16.4	7.5	2.0	-53.5	<=8.0
2469.75	26.7	16.4	8.3	2.0	-52.7	<=8.0
2469.80	25.9	16.4	7.5	2.0	-53.5	<=8.0
2469.85	25.5	16.4	7.1	2.0	-53.9	<=8.0
2469.90	25.0	16.4	6.6	2.0	-54.4	<=8.0
2469.95	26.9	16.4	8.5	2.0	-52.5	<=8.0
2470.00	27.2	16.4	8.8	2.0	-52.2	<=8.0
2470.05	27.0	16.4	8.6	2.0	-52.4	<=8.0
2470.10	27.1	16.4	8.7	2.0	-52.3	<=8.0
2470.15	27.4	16.4	9.0	2.0	-52.0	<=8.0
2470.20	27.7	16.4	9.3	2.0	-51.7	<=8.0
2470.25	27.6	16.4	9.2	2.0	-51.8	<=8.0

**Processing Gain**

ISL37400M

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	28.8	16.4	10.4	2.0	-50.6	<=8.0
2470.35	27.7	16.4	9.3	2.0	-51.7	<=8.0
2470.40	29.1	16.4	10.7	2.0	-50.3	<=8.0
2470.45	28.8	16.4	10.4	2.0	-50.6	<=8.0
2470.50	29.0	16.4	10.6	2.0	-50.4	<=8.0

**Processing Gain @ 80th Percentile(dB) = 13.8**

Processing Gain (dB)	XMIT level	-61.0
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
23.6	-8500	5.2
24.2	-8450	5.8
23.5	-8400	5.1
23.4	-8350	5.0
24.3	-8300	5.9
24.4	-8250	6.0
24.0	-8200	5.6
23.8	-8150	5.4
23.7	-8100	5.3
24.1	-8050	5.7
23.6	-8000	5.2
24.5	-7950	6.1
24.8	-7900	6.4
24.5	-7850	6.1
24.8	-7800	6.4
25.7	-7750	7.3
25.8	-7700	7.4
25.8	-7650	7.4
22.6	-7600	4.2
22.5	-7550	4.1
22.6	-7500	4.2
22.7	-7450	4.3
22.2	-7400	3.8
22.2	-7350	3.8
22.1	-7300	3.7
21.6	-7250	3.2
21.5	-7200	3.1
21.9	-7150	3.5
22.2	-7100	3.8
22.8	-7050	4.4
21.0	-7000	2.6
22.2	-6950	3.8
21.8	-6900	3.4
20.2	-6850	1.8
20.1	-6800	1.7
20.0	-6750	1.6
20.1	-6700	1.7
19.5	-6650	1.1
19.7	-6600	1.3
19.5	-6550	1.1
19.4	-6500	1.0
20.6	-6450	2.2
19.4	-6400	1.0
18.9	-6350	0.5
19.5	-6300	1.1
18.6	-6250	0.2
18.8	-6200	0.4



19.1	-6150	0.7
18.3	-6100	-0.1
19.3	-6050	0.9
18.9	-6000	0.5
18.1	-5950	-0.3
18.4	-5900	0.0
17.5	-5850	-0.9
17.6	-5800	-0.8
17.3	-5750	-1.1
17.7	-5700	-0.7
17.9	-5650	-0.5
17.8	-5600	-0.6
16.4	-5550	-2.0
16.8	-5500	-1.6
16.1	-5450	-2.3
16.6	-5400	-1.8
16.5	-5350	-1.9
15.8	-5300	-2.6
16.3	-5250	-2.1
15.9	-5200	-2.5
15.8	-5150	-2.6
15.6	-5100	-2.8
16.7	-5050	-1.7
15.8	-5000	-2.6
16.7	-4950	-1.7
16.3	-4900	-2.1
16.2	-4850	-2.2
15.8	-4800	-2.6
17.2	-4750	-1.2
16.5	-4700	-1.9
15.4	-4650	-3.0
15.1	-4600	-3.3
15.5	-4550	-2.9
15.2	-4500	-3.2
15.5	-4450	-2.9
14.9	-4400	-3.5
15.5	-4350	-2.9
15.7	-4300	-2.7
15.4	-4250	-3.0
14.2	-4200	-4.2
15.1	-4150	-3.3
14.9	-4100	-3.5
13.9	-4050	-4.5
14.6	-4000	-3.8
14.6	-3950	-3.8
14.1	-3900	-4.3
14.1	-3850	-4.3
14.1	-3800	-4.3
15.5	-3750	-2.9
14.8	-3700	-3.6
14.5	-3650	-3.9
14.6	-3600	-3.8

14.9	-3550	-3.5
13.7	-3500	-4.7
13.6	-3450	-4.8
14.3	-3400	-4.1
14.1	-3350	-4.3
14.3	-3300	-4.1
14.2	-3250	-4.2
14.5	-3200	-3.9
13.7	-3150	-4.7
13.2	-3100	-5.2
15.1	-3050	-3.3
14.6	-3000	-3.8
14.3	-2950	-4.1
14.9	-2900	-3.5
14.0	-2850	-4.4
13.4	-2800	-5.0
13.2	-2750	-5.2
13.4	-2700	-5.0
13.7	-2650	-4.7
14.2	-2600	-4.2
13.8	-2550	-4.6
14.2	-2500	-4.2
13.2	-2450	-5.2
14.2	-2400	-4.2
14.1	-2350	-4.3
13.5	-2300	-4.9
13.1	-2250	-5.3
12.9	-2200	-5.5
13.9	-2150	-4.5
13.3	-2100	-5.1
13.6	-2050	-4.8
13.3	-2000	-5.1
13.5	-1950	-4.9
13.0	-1900	-5.4
13.5	-1850	-4.9
13.5	-1800	-4.9
13.8	-1750	-4.6
13.3	-1700	-5.1
13.4	-1650	-5.0
14.1	-1600	-4.3
12.9	-1550	-5.5
14.0	-1500	-4.4
14.2	-1450	-4.2
13.3	-1400	-5.1
13.7	-1350	-4.7
13.1	-1300	-5.3
13.2	-1250	-5.2
14.0	-1200	-4.4
13.5	-1150	-4.9
13.1	-1100	-5.3
13.7	-1050	-4.7
13.8	-1000	-4.6

ISL37400M, rev A, s/n 38  
 CH6 Processing Gain  
 11 MB Data Rate

Revised SDC Processing Gain

Measured by:  
 S. Rothwell

14.3	-950	-4.1
13.4	-900	-5.0
14.1	-850	-4.3
13.4	-800	-5.0
14.5	-750	-3.9
13.8	-700	-4.6
14.2	-650	-4.2
13.8	-600	-4.6
14.7	-550	-3.7
13.6	-500	-4.8
13.3	-450	-5.1
14.1	-400	-4.3
14.0	-350	-4.4
13.5	-300	-4.9
13.2	-250	-5.2
14.5	-200	-3.9
14.3	-150	-4.1
14.0	-100	-4.4
13.6	-50	-4.8
13.6	0	-4.8
14.3	50	-4.1
14.2	100	-4.2
14.3	150	-4.1
14.5	200	-3.9
14.4	250	-4.0
13.6	300	-4.8
14.3	350	-4.1
13.9	400	-4.5
13.7	450	-4.7
14.6	500	-3.8
14.1	550	-4.3
14.8	600	-3.6
14.1	650	-4.3
14.2	700	-4.2
13.8	750	-4.6
13.8	800	-4.6
13.9	850	-4.5
12.7	900	-5.7
14.3	950	-4.1
14.5	1000	-3.9
14.7	1050	-3.7
13.5	1100	-4.9
14.7	1150	-3.7
14.0	1200	-4.4
14.9	1250	-3.5
14.6	1300	-3.8
13.2	1350	-5.2
13.2	1400	-5.2
13.4	1450	-5.0
14.6	1500	-3.8
14.1	1550	-4.3
13.6	1600	-4.8

14.1	1650	-4.3
13.9	1700	-4.5
13.1	1750	-5.3
14.1	1800	-4.3
13.8	1850	-4.6
13.6	1900	-4.8
14.1	1950	-4.3
14.0	2000	-4.4
14.1	2050	-4.3
13.7	2100	-4.7
14.1	2150	-4.3
13.2	2200	-5.2
14.0	2250	-4.4
14.3	2300	-4.1
13.5	2350	-4.9
13.9	2400	-4.5
13.8	2450	-4.6
13.5	2500	-4.9
14.2	2550	-4.2
13.6	2600	-4.8
13.0	2650	-5.4
13.6	2700	-4.8
12.7	2750	-5.7
13.2	2800	-5.2
12.9	2850	-5.5
13.8	2900	-4.6
13.8	2950	-4.6
13.6	3000	-4.8
13.9	3050	-4.5
14.2	3100	-4.2
13.9	3150	-4.5
14.2	3200	-4.2
15.3	3250	-3.1
14.4	3300	-4.0
14.5	3350	-3.9
13.9	3400	-4.5
14.7	3450	-3.7
14.1	3500	-4.3
13.8	3550	-4.6
13.5	3600	-4.9
13.1	3650	-5.3
14.6	3700	-3.8
14.3	3750	-4.1
15.1	3800	-3.3
13.9	3850	-4.5
14.4	3900	-4.0
15.1	3950	-3.3
15.3	4000	-3.1
14.9	4050	-3.5
14.7	4100	-3.7
15.1	4150	-3.3
14.9	4200	-3.5

14.9	4250	-3.5
15.2	4300	-3.2
15.1	4350	-3.3
15.7	4400	-2.7
14.9	4450	-3.5
15.3	4500	-3.1
15.1	4550	-3.3
16.4	4600	-2.0
15.7	4650	-2.7
15.3	4700	-3.1
14.9	4750	-3.5
15.3	4800	-3.1
15.6	4850	-2.8
15.7	4900	-2.7
15.6	4950	-2.8
16.4	5000	-2.0
16.3	5050	-2.1
16.1	5100	-2.3
15.8	5150	-2.6
16.3	5200	-2.1
16.6	5250	-1.8
17.1	5300	-1.3
16.3	5350	-2.1
16.4	5400	-2.0
17.4	5450	-1.0
17.6	5500	-0.8
17.7	5550	-0.7
17.4	5600	-1.0
17.6	5650	-0.8
18.2	5700	-0.2
19.1	5750	0.7
17.7	5800	-0.7
18.2	5850	-0.2
18.9	5900	0.5
19.3	5950	0.9
19.0	6000	0.6
19.3	6050	0.9
19.6	6100	1.2
19.6	6150	1.2
19.4	6200	1.0
19.6	6250	1.2
19.8	6300	1.4
19.2	6350	0.8
19.3	6400	0.9
20.4	6450	2.0
20.4	6500	2.0
21.0	6550	2.6
20.5	6600	2.1
21.2	6650	2.8
21.0	6700	2.6
20.6	6750	2.2
20.9	6800	2.5

