

CETECOM Inc.



CETECOM Inc.

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Issued test report consists of 52 Pages

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IC - 3925

Test report no.: 141FCC/2001/A
FCC Part 15.247
HP OmniBook 6100

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The test results of this test report relate exclusively to the test item specified in 1.5. The CETECOM Inc. USA does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of the CETECOM Inc. USA.

1.2 Testing laboratory**CETECOM Inc.**

411 Dixon Landing Road, Milpitas, CA-95035, USA

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E-mail: lothar.schmidt@cetecomusa.com

Internet: www.cetecomusa.com

1.3 Details of applicant**Name : Hewlett Packard Co.; Mobile Computing Division****Street : 1000 NE Circle Blvd.****City : Corvallis, OR 97330****Country : USA****Telephone : +1 541 715 2171****Telefax : +1 541 715 3607****Contact : Kathy Warnock****e-mail : Kathy_warnock@hp.com****1.4 Application details**

Date of receipt of application : 2001-04-01

Date of receipt of test item : 2001-04-15

Date of test : 2001-04-18/19/20

1.5 Test item

Manufacturer : Hewlett Packard.

Address : See above

Name of EUT : HP OmniBook 6100 Series (with Mini PCI 802.11b wireless card)

Type Designation : HP OmniBook 6100 Series

Model : 802MIP(W)

Additional informations:

Frequency : 2.412 – 2.484 GHz

Type of modulation : DBPSK at 1Mb/s; DQPSK at 2Mb/s; CCK at 5.5.and 11Mb/s

Number of channels : 11 Channels in US

Antenna : Integral

Power supply : 5.0V

Type of equipment : Temperature range : 0°C - +35°C

Tests were carried out at the maximum number of channels available (13) in the test software. The US version will set to 11 channels only.

1.6 Test standards FCC Part 15 §15.247

The tests were done following the public notice DA 00-705 released March 30, 2000

2 Technical test**2.1 Summary of test results**

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

Technical responsibility for area of testing :

2001-05-10**EMC&
Radio****Lothar
Schmidt**

Date**Section****Name****Signature**

2.2 Testreport

TEST REPORT

**Testreport no. : 141FCC/2001/A
HP OmniBook 6100**

TEST REPORT REFERENCE**LIST OF MEASUREMENTS**

Paragraph	PARAMETER TO BE MEASURED	PAGE
	Transmitter parameters	
§ 15.247 (a)(2)	Spectrum Bandwidth of a DSSS System	7
§ 15.247 (b)(1)	Maximum peak output power	11
§ 15.247 (c)(1)	Emission limitations	16
§ 15.247 (d)	Power Spectral Density	33
§ 15.247 (e)	Processing Gain of DSSS System	37
	Receiver parameters	
§ 15.209	Spurious radiations - Radiated	39
	Test equipment listing	47
	Test Site	48
	Photographs of the equipment	50

ANNEX: Details about processing gain.

NOTE: Conducted Emissions as per § 15.107 are not applicable for the EUT since it is a built in a laptop computer. The Laptop was measured in accordance with FCC part 15 B including the Wireless LAN .

SPECTRUM BANDWITH OF DSSS-SYSTEM**SUBCLAUSE § 15.247 (a)(2)**

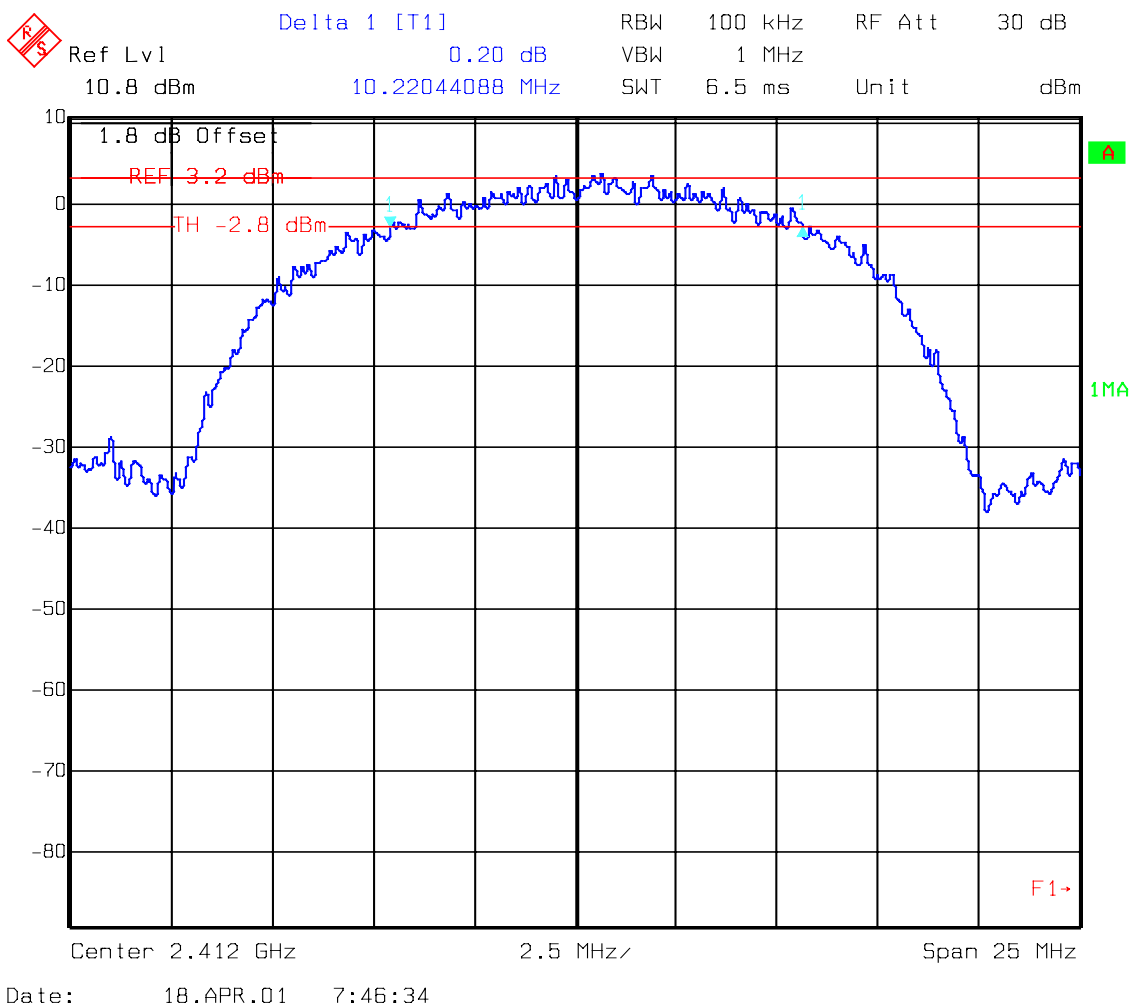
TEST CONDITIONS		6 dB BANDWIDTH (kHz)		
Frequency (MHz)		2412	2442	2472
T _{nom} (20)°C	V _{nom} (5.0)V	10220	95190	96192
Measurement uncertainty		±3dB		

LIMIT**SUBCLAUSE §15.247(a) (2)**

The minimum 6dB bandwidth shall be at least 500 KHz

**SPECTRUM BANDWITH OF DSSS-SYSTEM
2412 MHz**

SUBCLAUSE § 15.247 (a)(2)



LIMIT

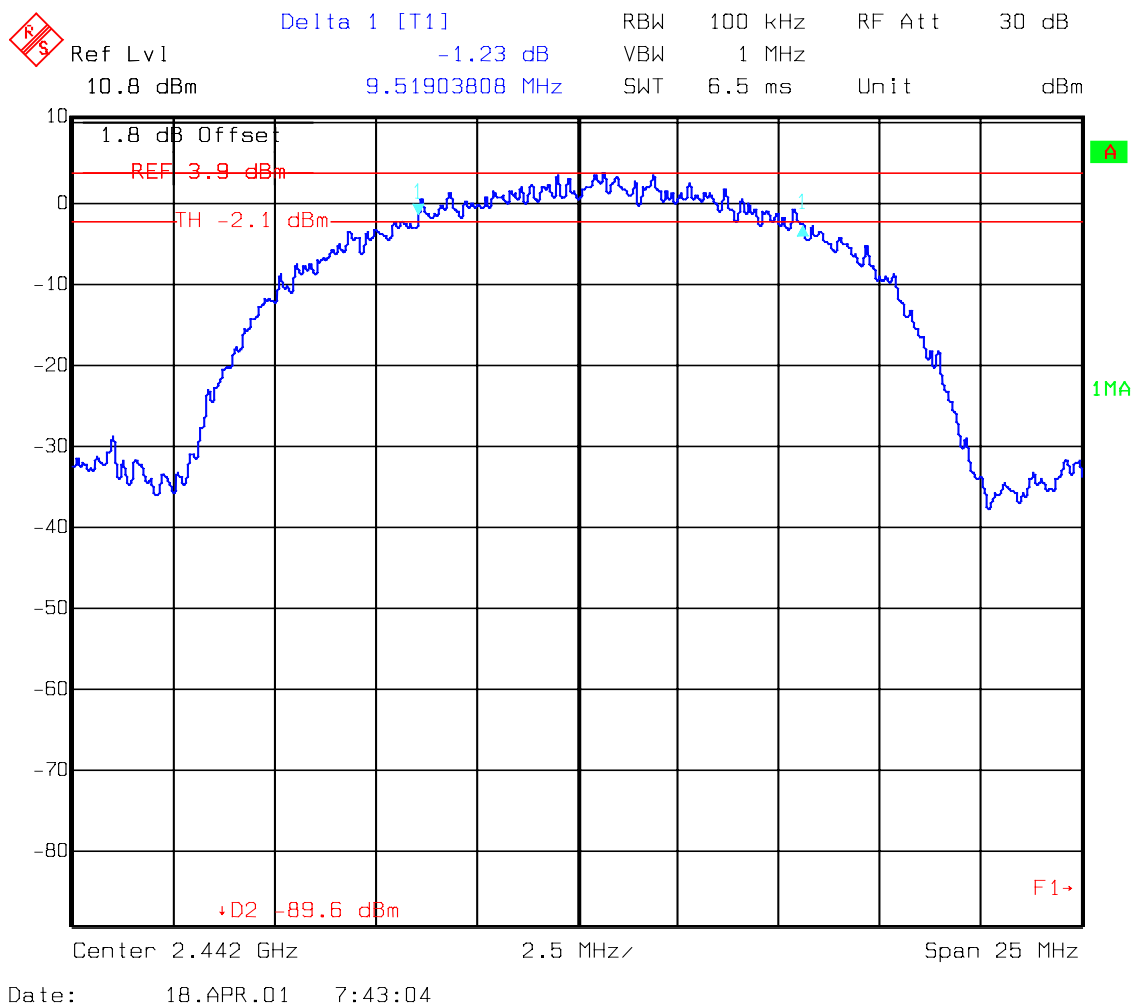
SUBCLAUSE §15.247(a) (2)

The minimum 6dB bandwidth shall be at least 500 KHz , here 10.02 MHz

ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

**SPECTRUM BANDWITH OF DSSS-SYSTEM
2442 MHz**

SUBCLAUSE § 15.247 (a)(2)



LIMIT

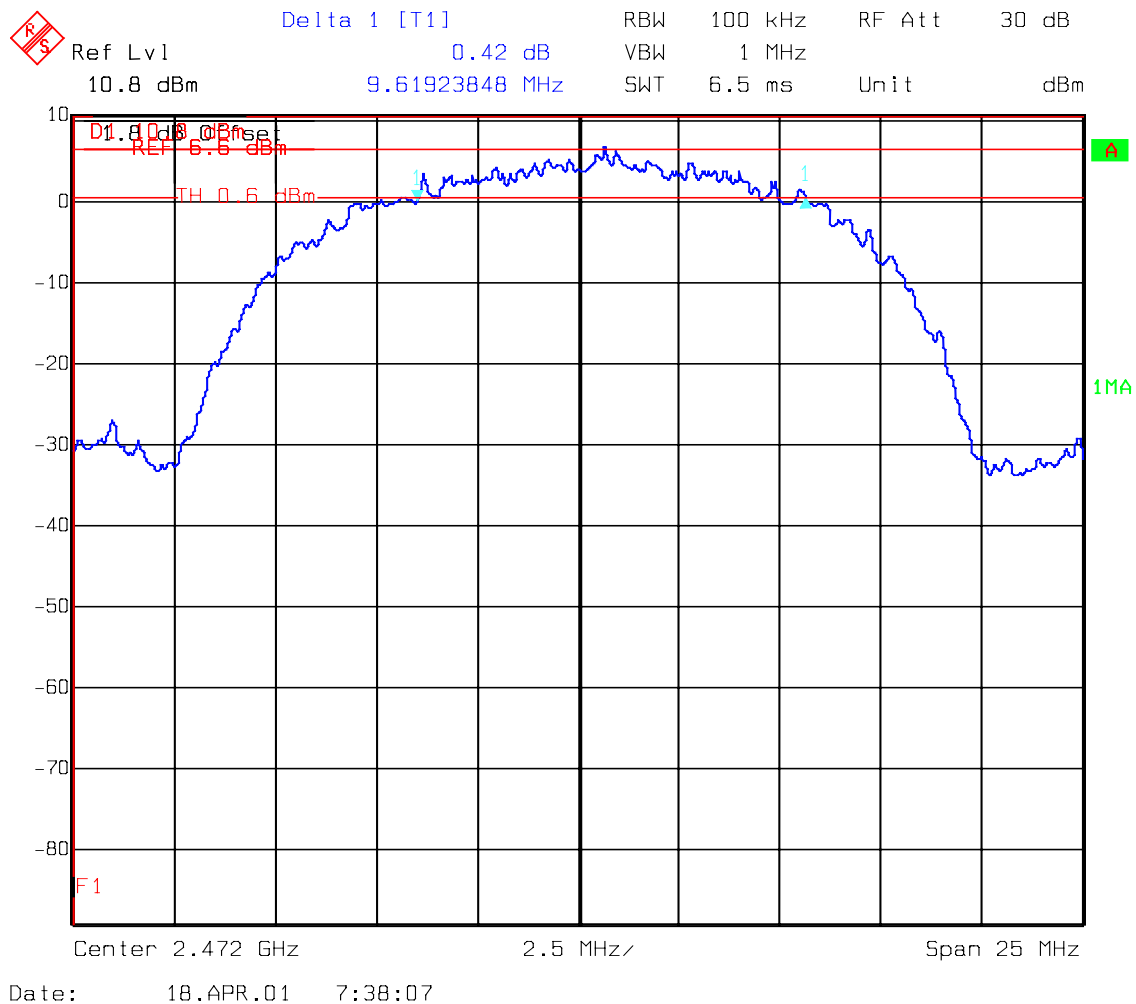
SUBCLAUSE §15.247(a) (2)

The minimum 6dB bandwidth shall be at least 500 KHz , here 11.42 MHz

ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

**SPECTRUM BANDWITH OF DSSS-SYSTEM
2472 MHz**

SUBCLAUSE § 15.247 (a)(2)



LIMIT

SUBCLAUSE §15.247(a) (2)

The minimum 6dB bandwidth shall be at least 500 KHz , here 10.02 MHz

ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

**MAXIMUM PEAK OUTPUT POWER
(CONDUCTED)**
SUBCLAUSE § 15.247 (b) (1)

TEST CONDITIONS		MAXIMUM PEAK OUTPUT POWER (dBm)					
		2412		2442		2472	
Frequency (MHz)		Pk	13.94	Pk	14.50	Pk	13.05
		Av	8.29	Av	8.29	Av	7.28
T _{nom} (23)°C	V _{nom} (5.0)V	Pk	13.14	Pk	12.60	Pk	12.09
		Av	7.85	Av	7.16	Av	6.59
T _{nom} (0)°C	V _{nom} (5.0)V	Pk	12.43	Pk	11.09	Pk	10.33
		Av	6.46	Av	5.93	Av	5.12
T _{nom} (35)°C		Pk	12.43	Pk	11.09	Pk	10.33
		Av	6.46	Av	5.93	Av	5.12
Measurement uncertainty		±3dB					

LIMIT
SUBCLAUSE § 15.247 (b) (1)

Frequency range	RF power output
2400-2483.5 MHz / 5725 – 5850 MHz	1.0 Watt

**MAXIMUM PEAK OUTPUT POWER (EIRP)
(RADIATED)****SUBCLAUSE § 15.247 (b) (1)**

TEST CONDITIONS		MAXIMUM PEAK OUTPUT POWER (dBm)					
		2412		2442		2472	
Frequency (MHz)							
T _{nom} (23)°C	V _{nom} (5.0)V	Pk	11.75	Pk	10.45	Pk	10.46
		Av	5.85	Av	4.28	Av	3.18
Maximum deviation from output power under extreme test conditions (dBc)		not performed		not performed		not performed	
Measurement uncertainty		±3dB					

LIMIT**SUBCLAUSE § 15.247 (b) (1)**

Frequency range	RF power output
2400-2483.5 MHz / 5725 – 5850 MHz	1.0 Watt

ANALYZER SETTINGS: RBW=3MHz, VBW=3MHz

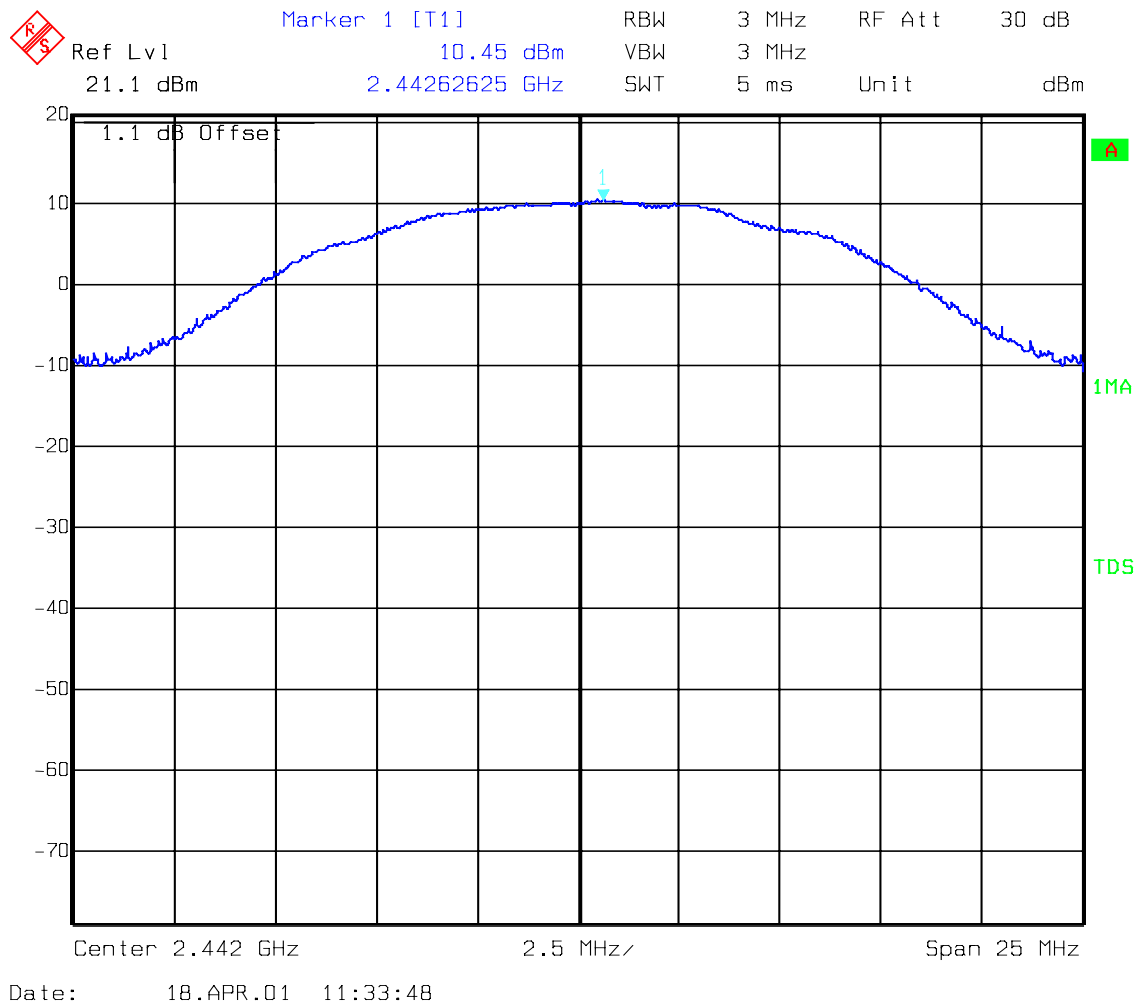
Ref Lvl 21.1 dBm
Marker 1 [T1] 11.75 dBm
2.41247595 GHz
RBW 3 MHz
VBW 3 MHz
SWT 5 ms
Unit dBm

1.1 dB Offset

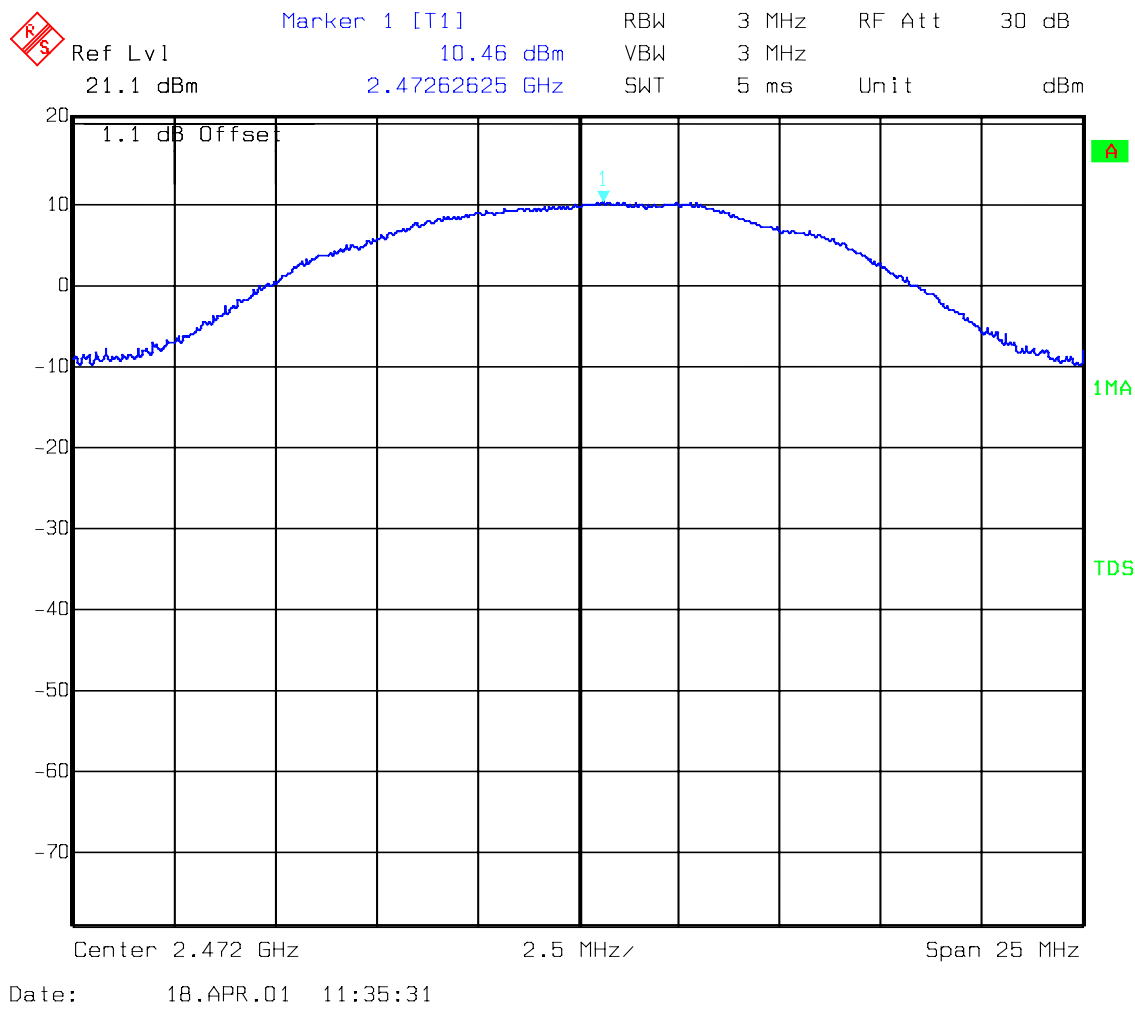
Center 2.412 GHz 2.5 MHz Span 25 MHz

1MA
TDS

EIRP:2442MHz



EIRP:2472MHz

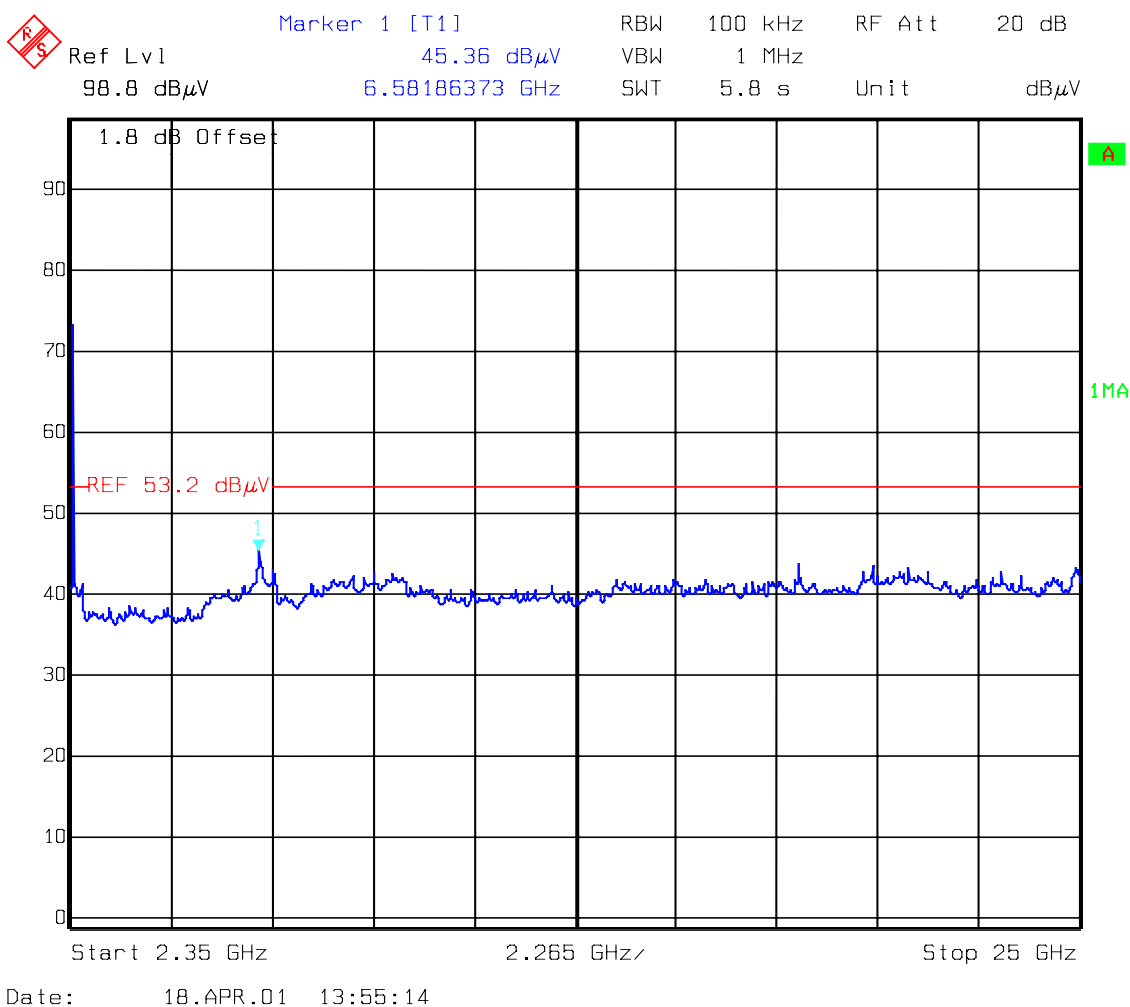


EMISSION LIMITATIONS (Transmitter)

SUBCLAUSE § 15.247 (c) (1)

conducted

2412 MHz up to 25 GHz



LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

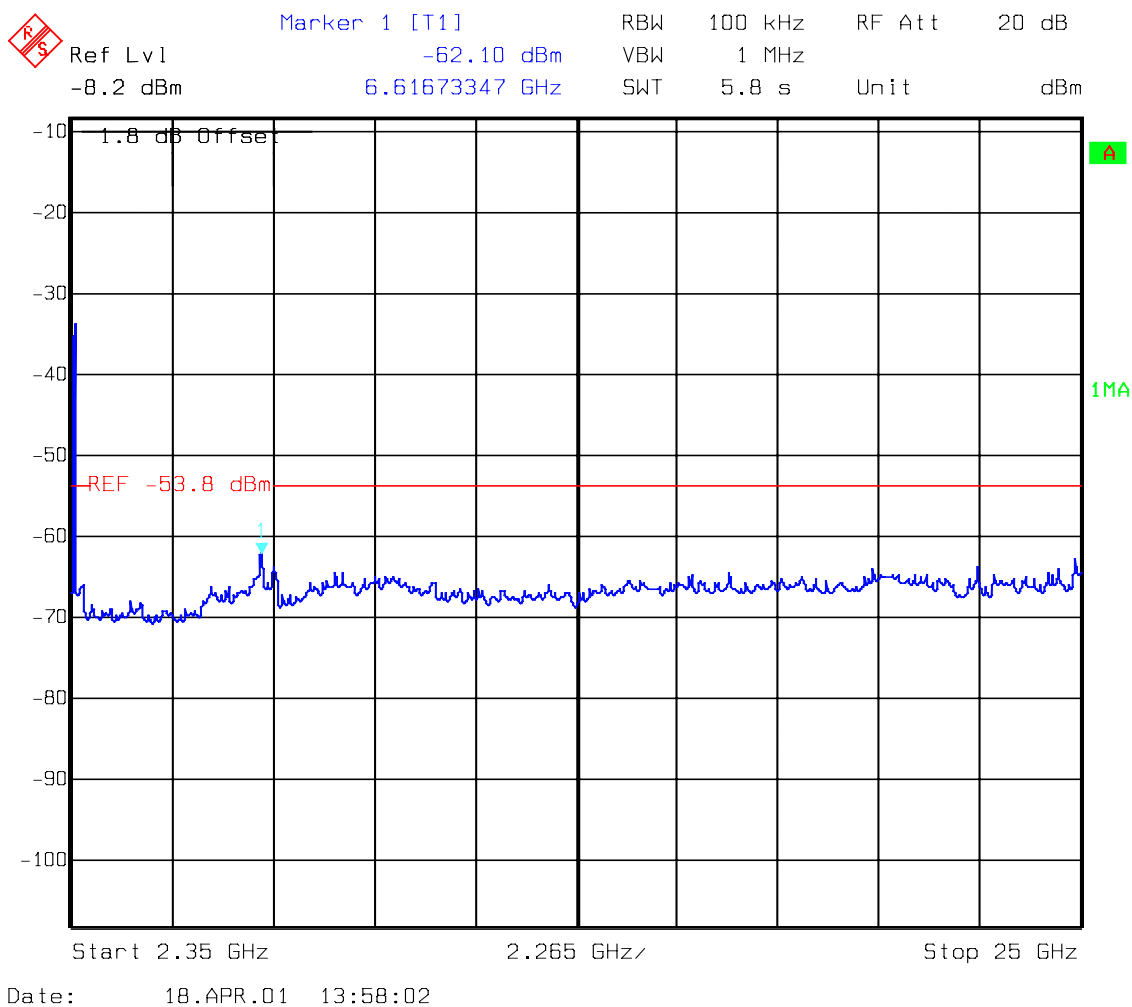
ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

EMISSION LIMITATIONS (Transmitter)

SUBCLAUSE § 15.247 (c) (1)

conducted

2442 MHz up to 25 GHz



LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

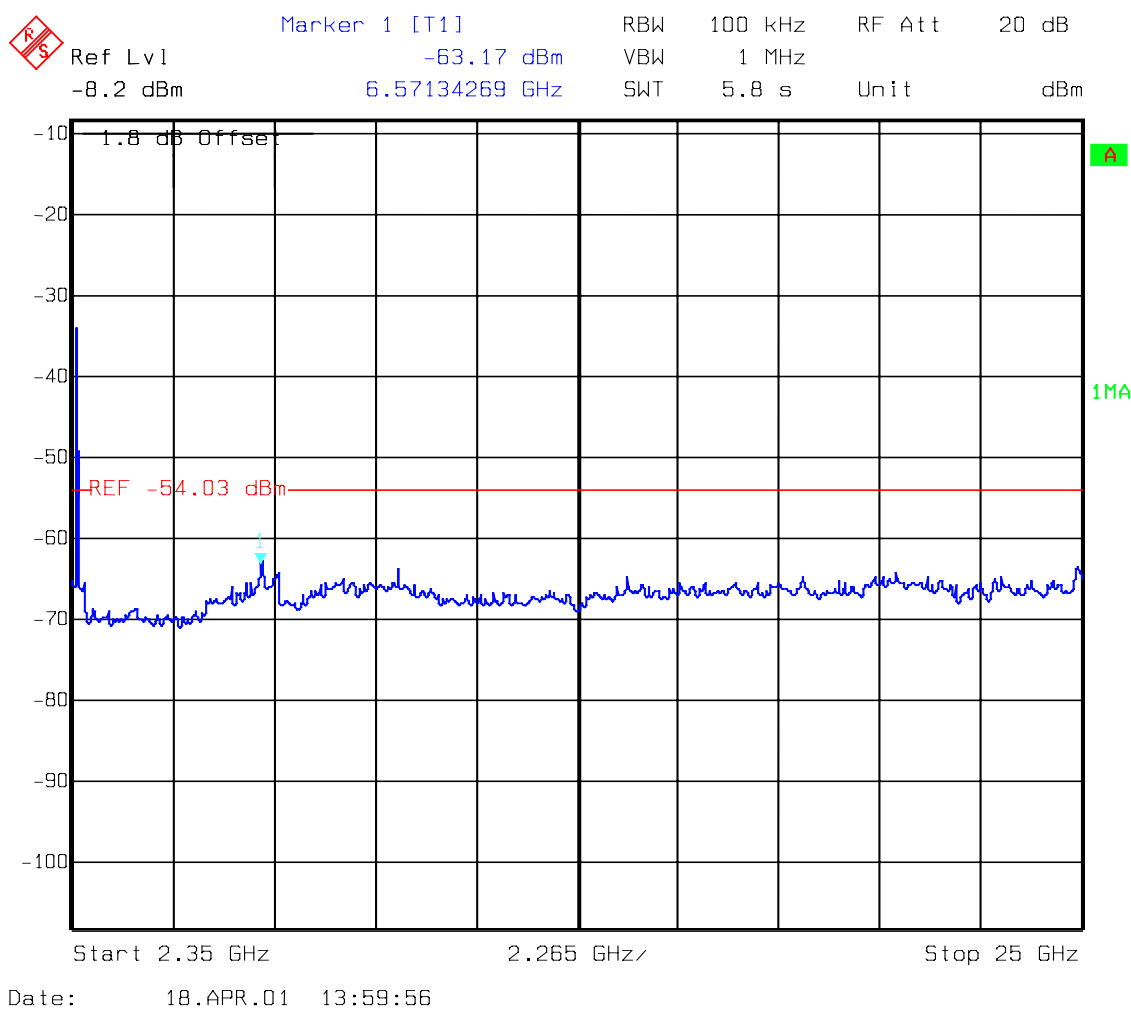
ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

EMISSION LIMITATIONS (Transmitter)

SUBCLAUSE § 15.247 (c) (1)

conducted

2472 MHz up to 25 GHz



LIMITS

SUBCLAUSE § 15.247 (c)

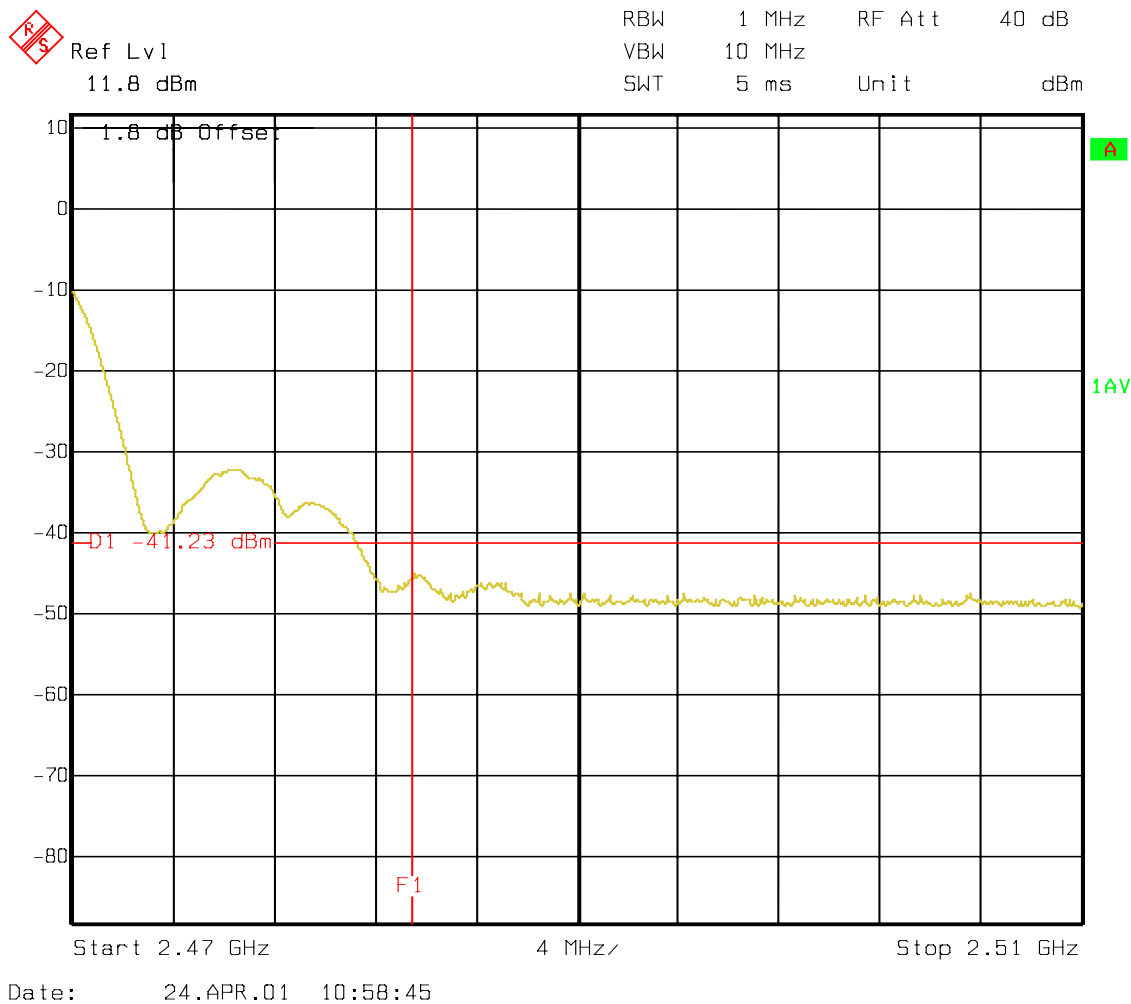
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: RBW=100KHz , VBW=1MHz

EMISSION LIMITATIONS (Transmitter)

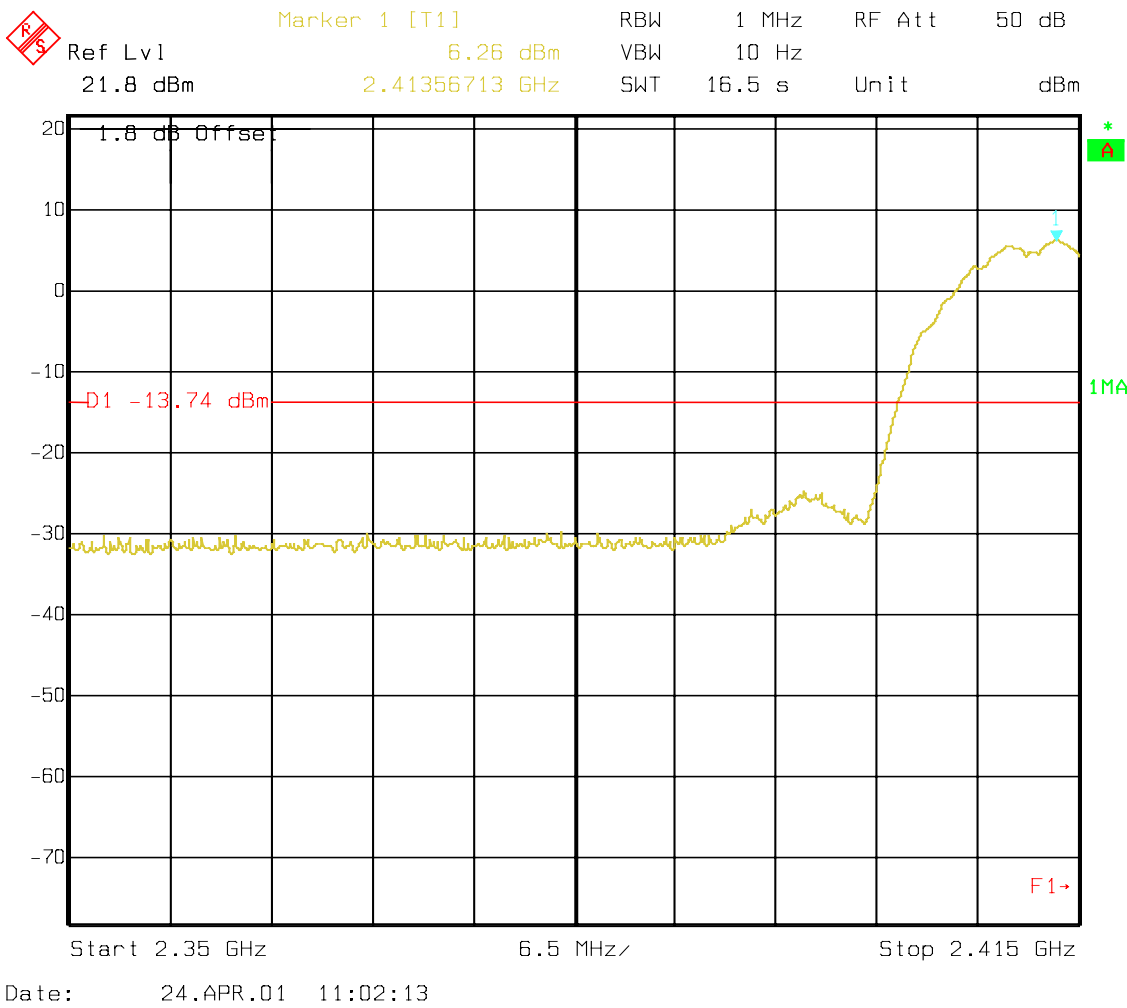
SUBCLAUSE § 15.247 (c) (2)

conducted
spurious in the restricted band 2483.5 – 2500 MHz
(Higher Band Edge)



Lower Band Edge

conducted

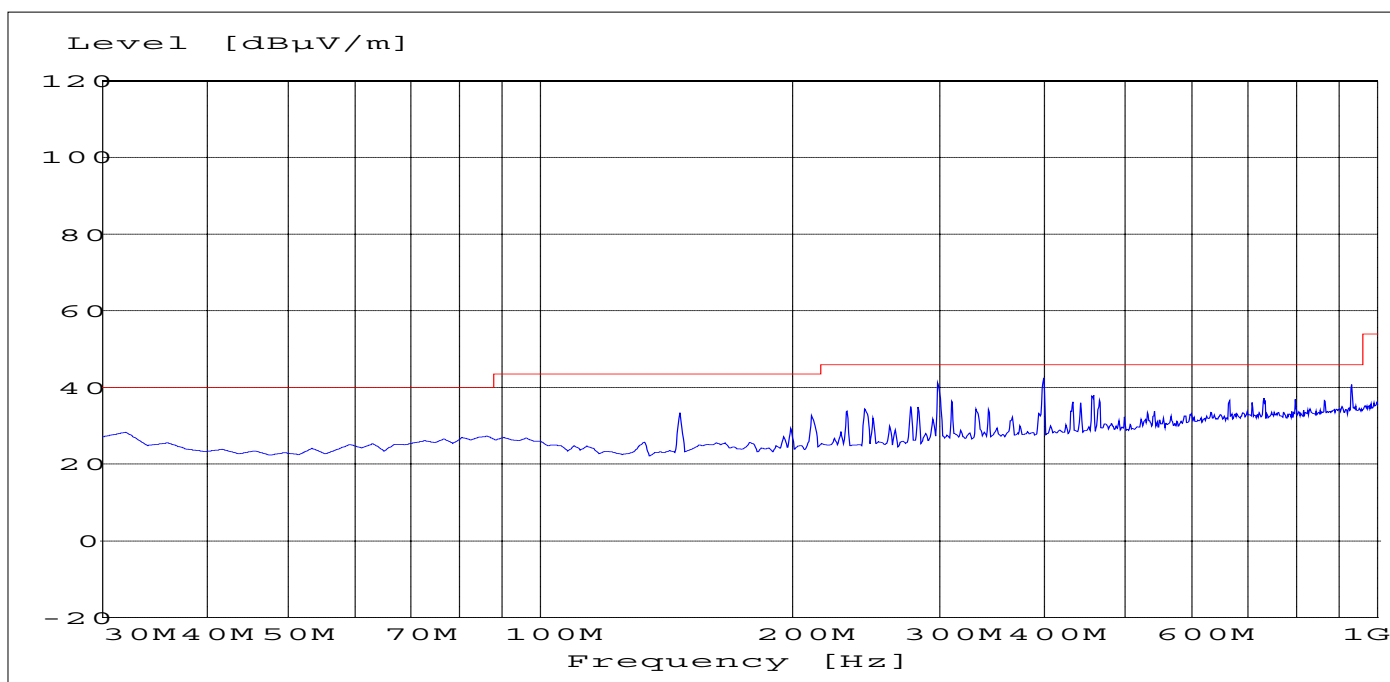


ANALYZER SETTINGS: RBW=1MHz , VBW=10Hz

EMISSION LIMITATIONS (Transmitter)**SUBCLAUSE § 15.247 (c) (1)**

The spurious emissions were done with different settings, using the relevant pre-amplifiers for the relevant frequency ranges. This is the reason that the graphs show different noise levels. In the range between 18 and 26 GHz very short cable connections to the antenna was used to minimize the noise level. Channel 1: 2412 MHz; Channel 2: 2442 MHz; Channel 3: 2472 MHz

All emission measurements were done in Peak mode to reduce measurement time. In case limits are exceeded the measurements will be repeated and documented in the test report either with Quasi Peak or average detector depending on the frequency range specified in FCC 15 and/or DA00-705. Bandwidth, sweptime etc. Were set according DA00-705 and recorded

Channel 1: 30MHz-1GHz**LIMITS****SUBCLAUSE § 15.247 (c)**

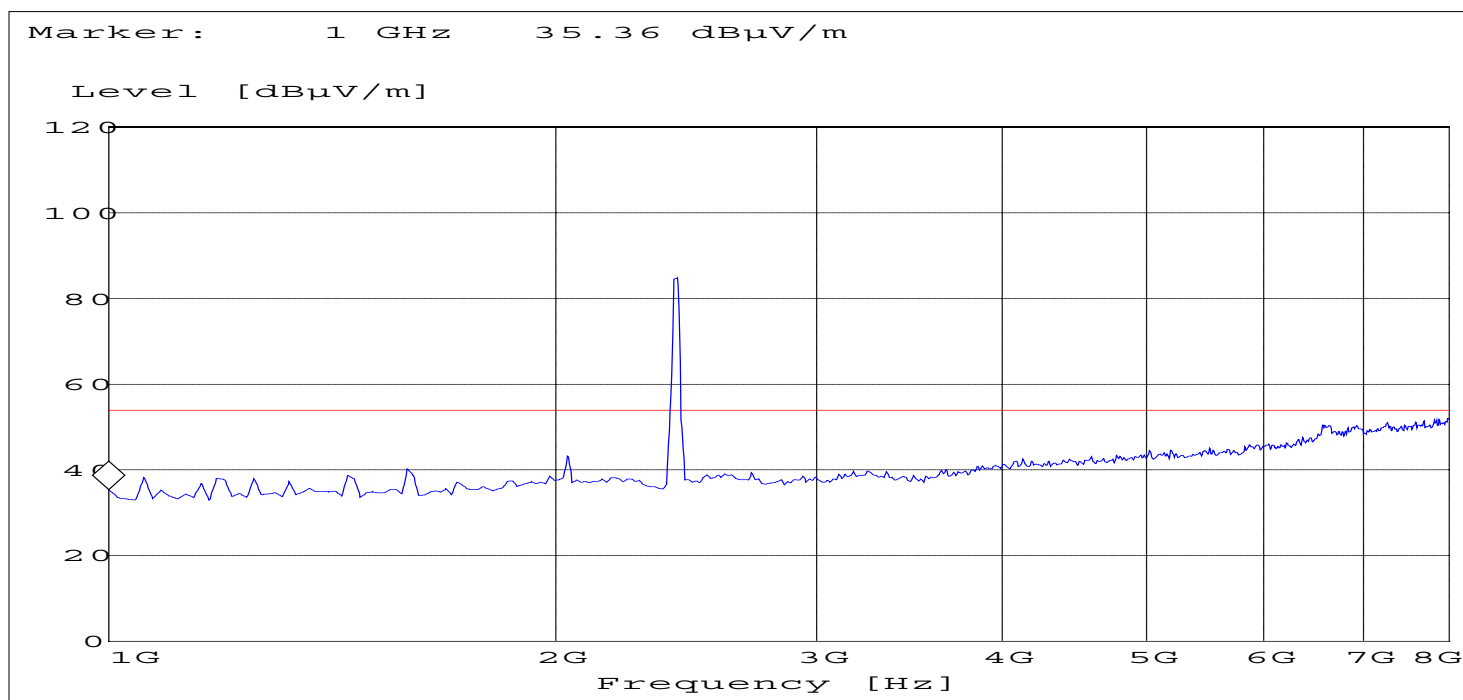
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 1: 1GHz-8GHz



NOTE: The peak above the limit is the carrier frequency. This is related to all the spurious emissions measurements.

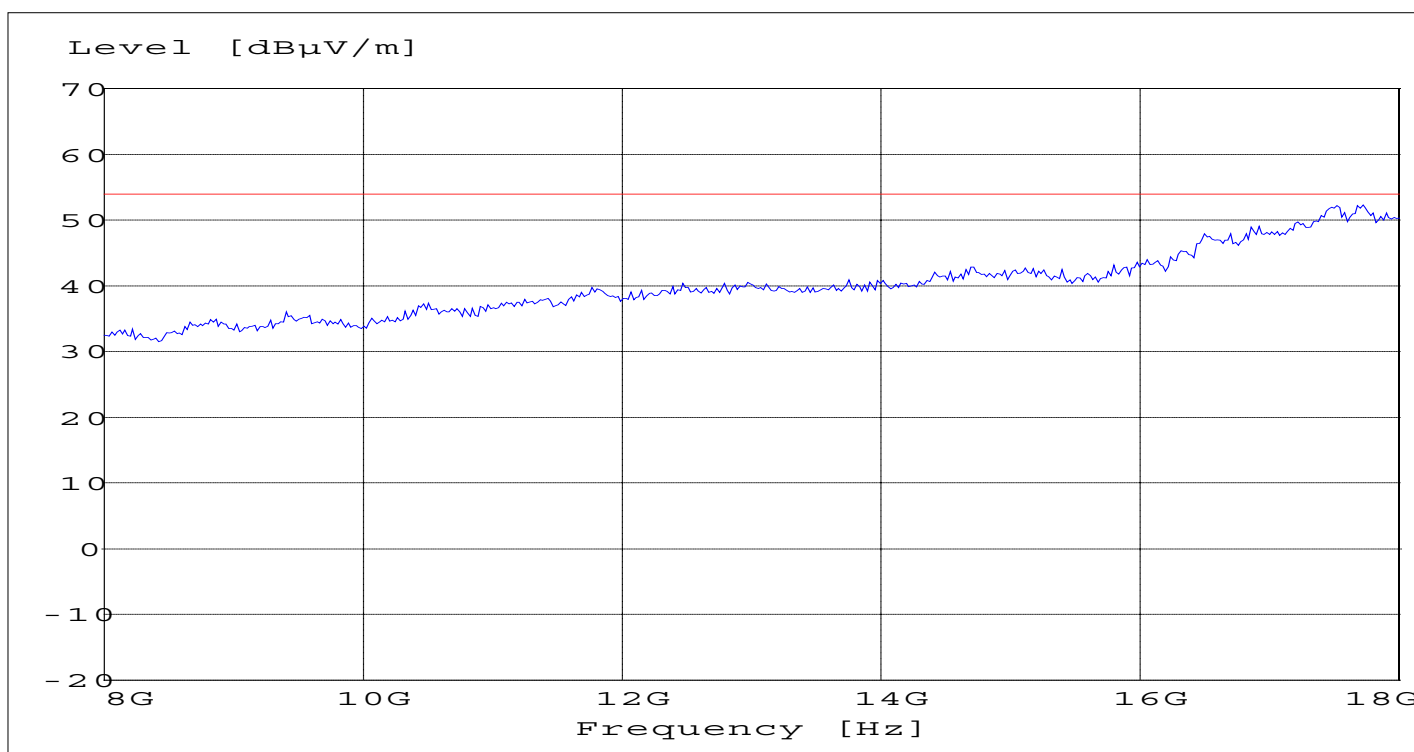
LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

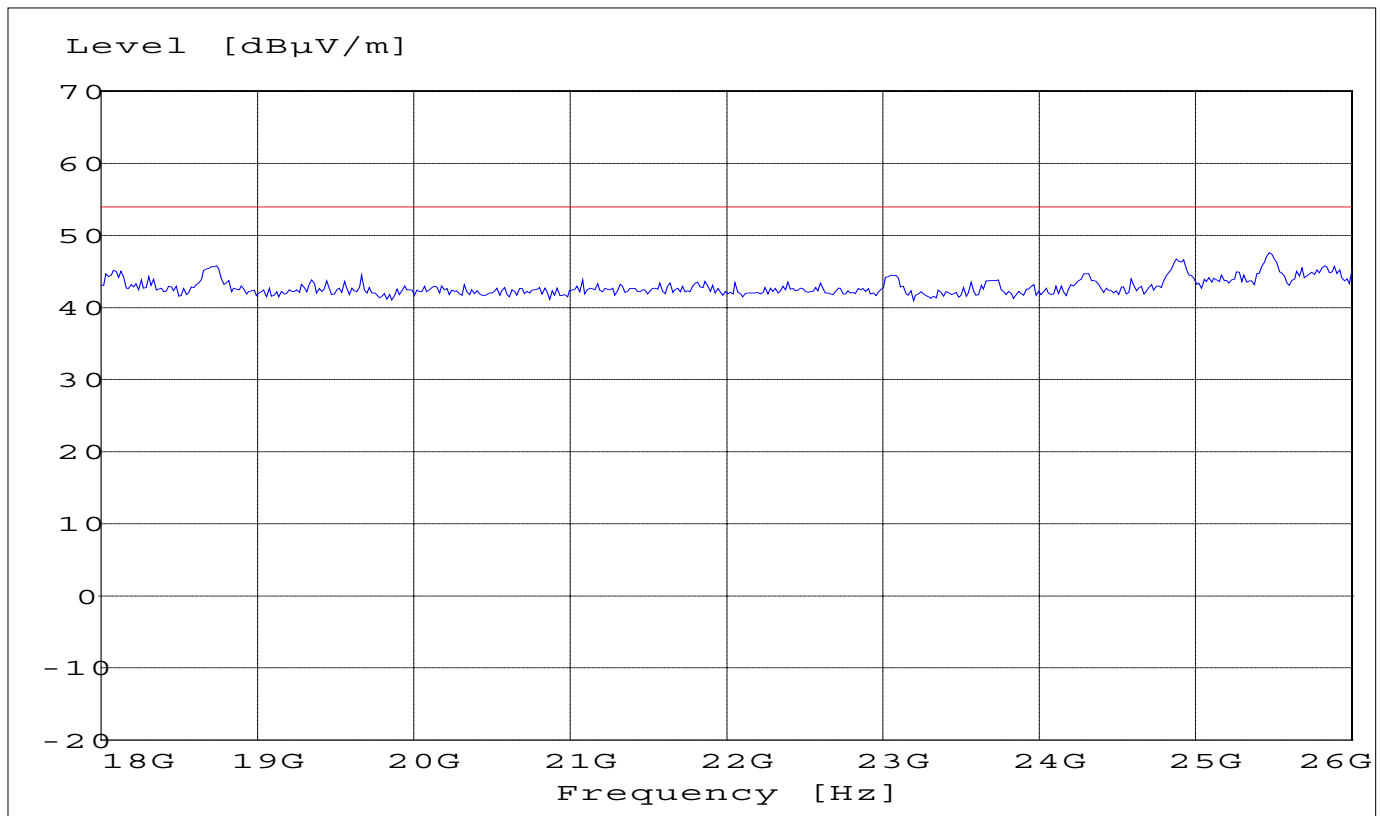
EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)**Channel 1: 8GHz -18GHz****LIMITS****SUBCLAUSE § 15.247 (c)**

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz $f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 1: 18GHz -26GHz



LIMITS

SUBCLAUSE § 15.247 (c)

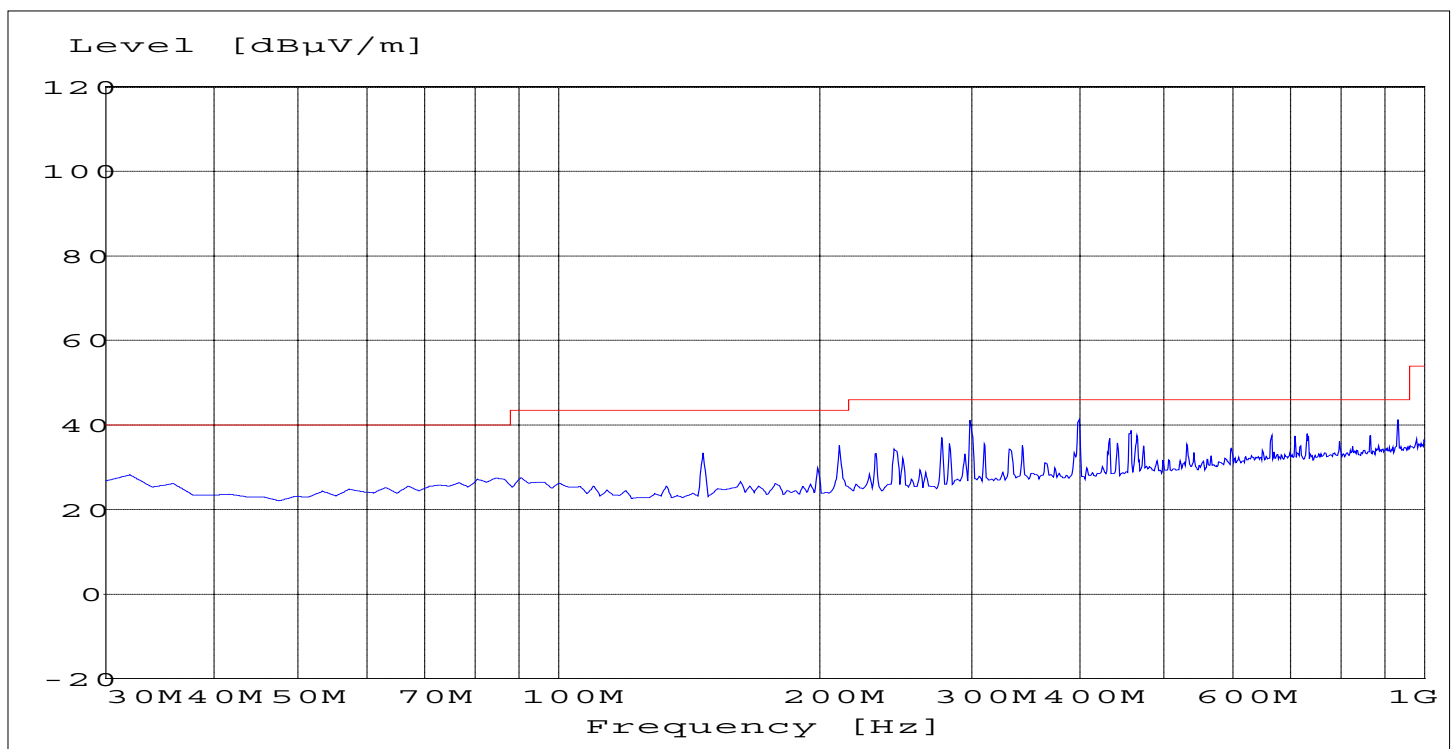
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 2: 30MHz -1GHz



LIMITS

SUBCLAUSE § 15.247 (c)

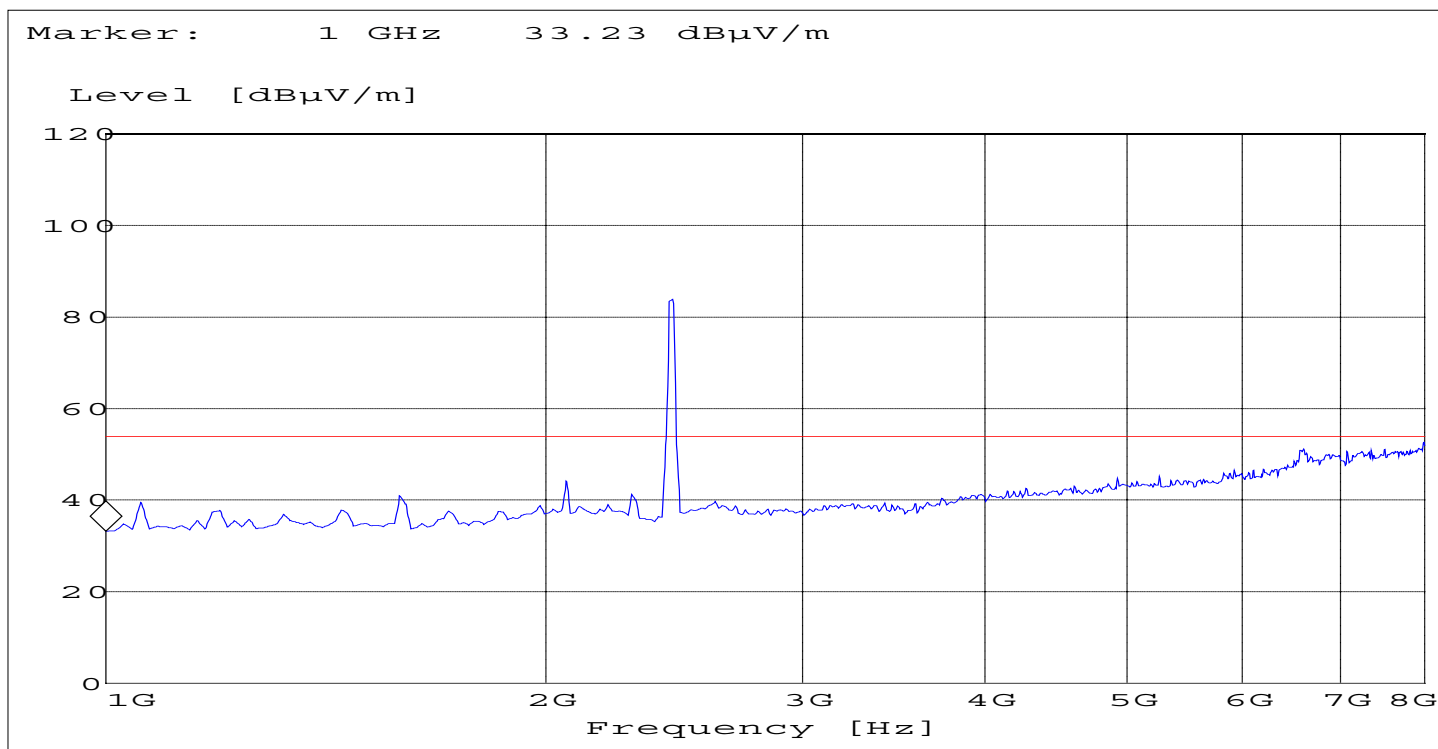
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 2: 1GHz -8GHz



NOTE: The peak above the limit is the carrier frequency. This is related to all the spurious emissions measurements.

LIMITS

SUBCLAUSE § 15.247 (c)

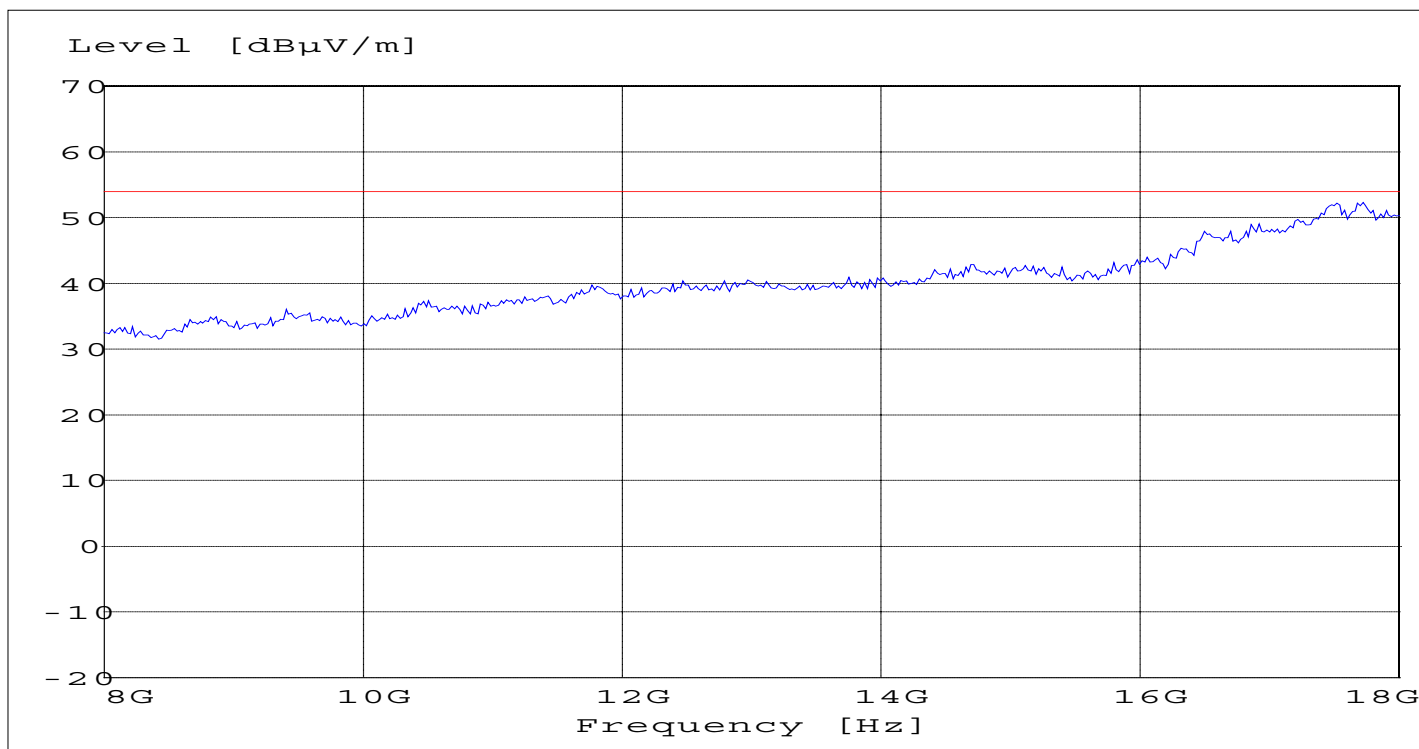
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 2: 8GHz -18GHz



LIMITS

SUBCLAUSE § 15.247 (c)

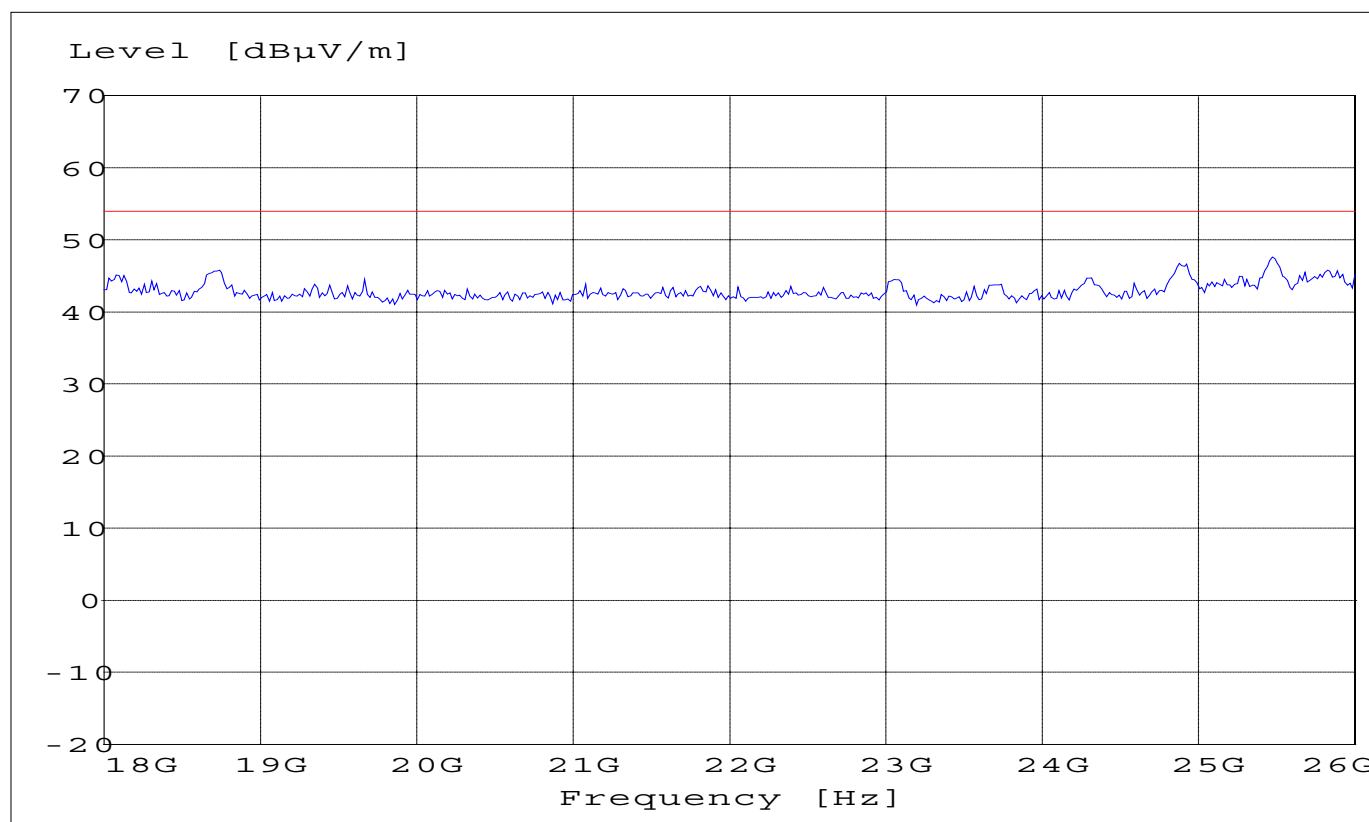
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1\text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1\text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 2: 18GHz -26GHz



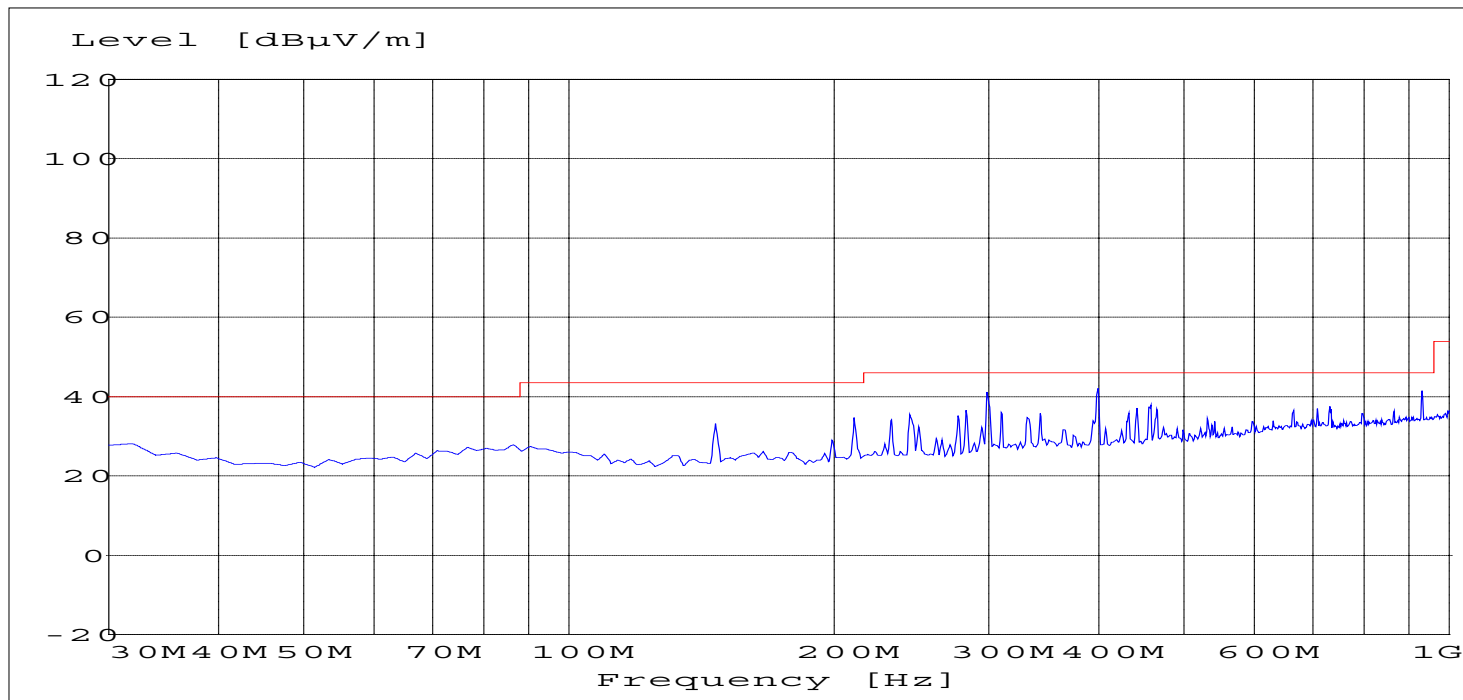
LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

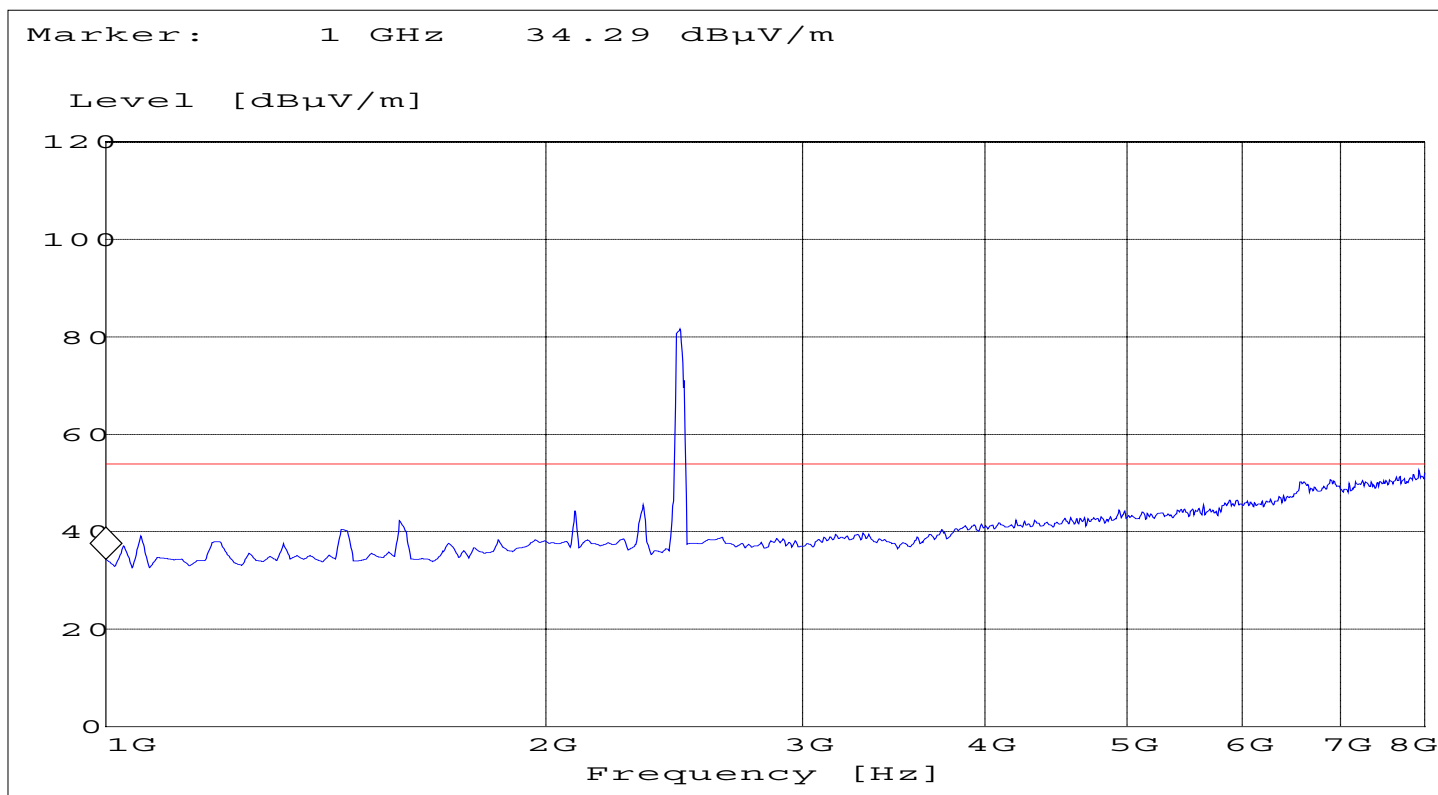
EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)**Channel 3: 30MHz -1GHz****LIMITS****SUBCLAUSE § 15.247 (c)**

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz $f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 3: 1GHz -8GHz



NOTE: The peak above the limit is the carrier frequency. This is related to all the spurious emissions measurements.

LIMITS

SUBCLAUSE § 15.247 (c)

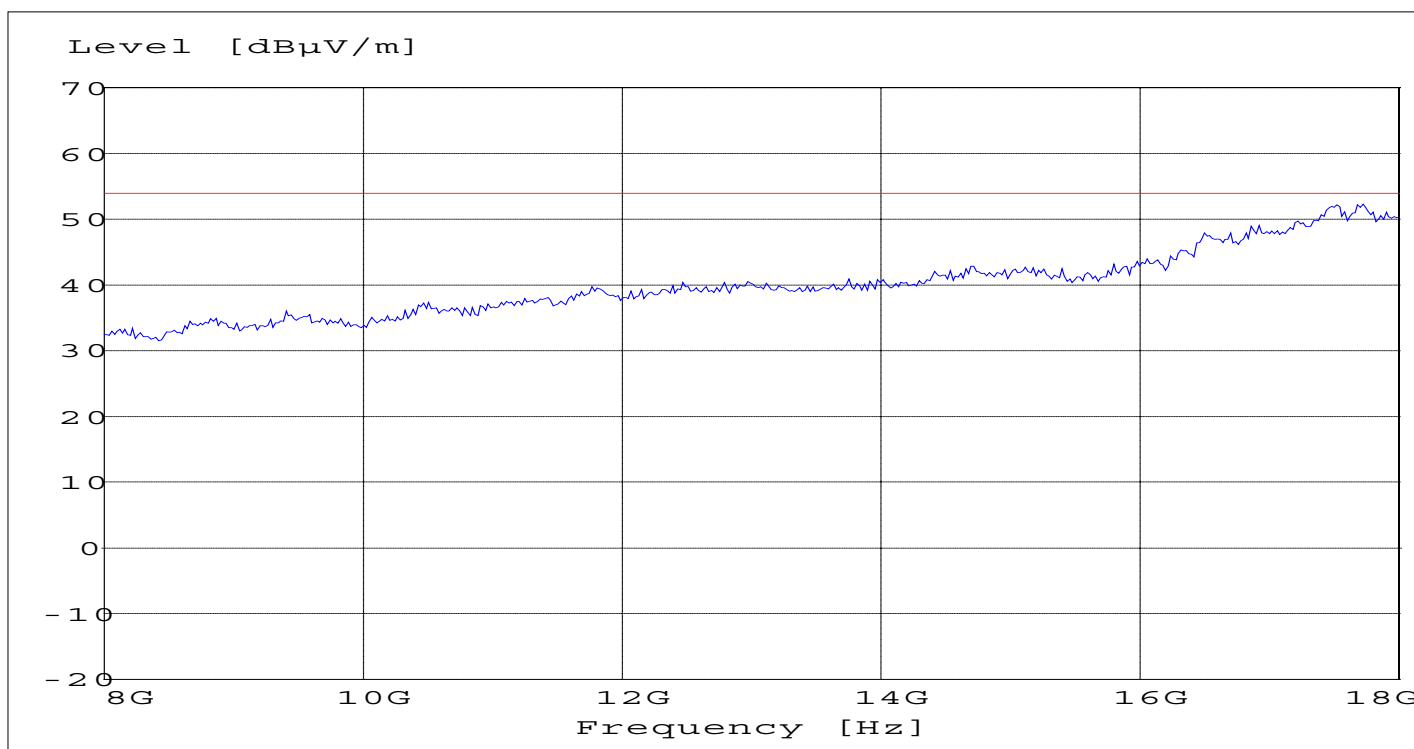
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 3: 8GHz -18GHz



LIMITS

SUBCLAUSE § 15.247 (c)

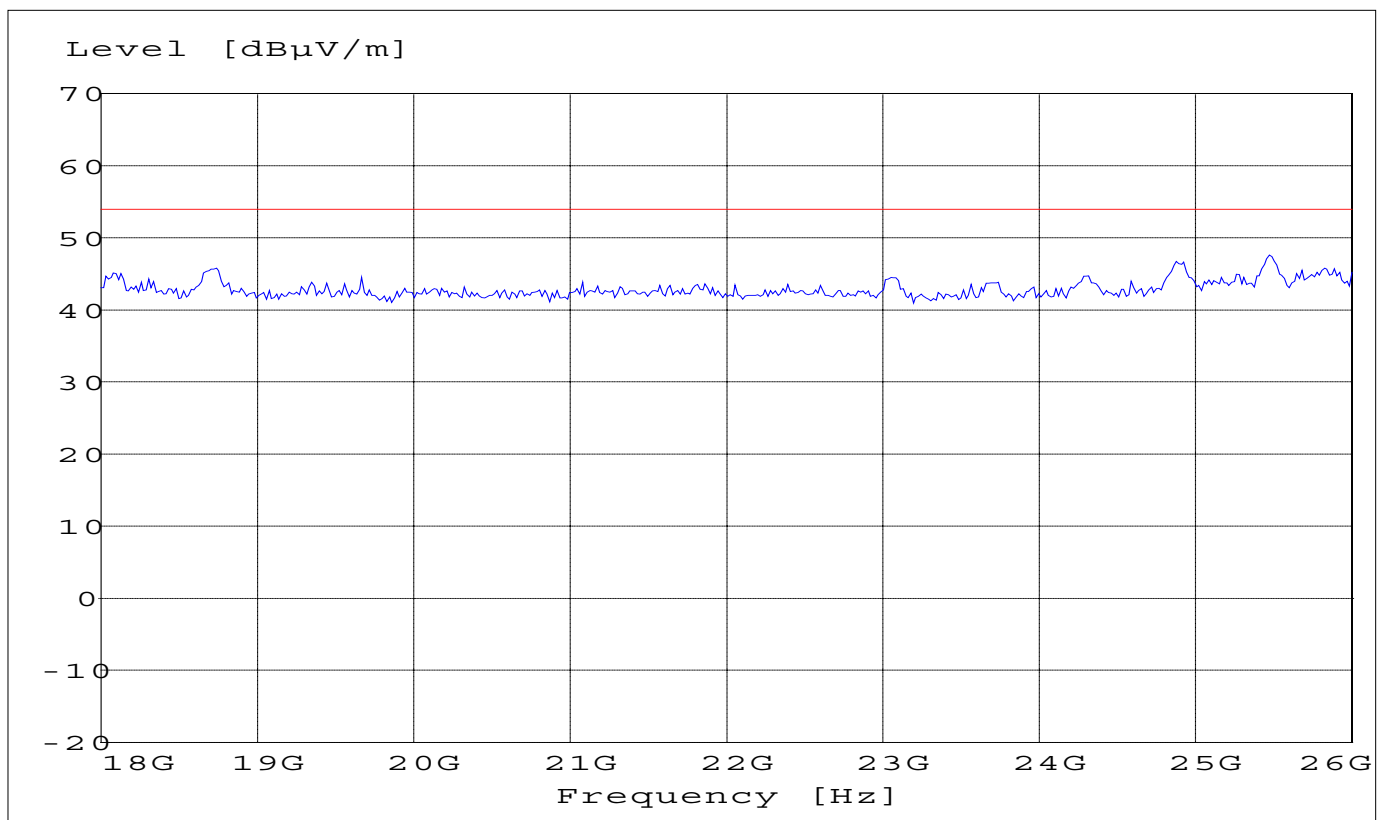
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

EMISSION LIMITATIONS (Transmitter) SUBCLAUSE § 15.247 (c) (1)

Channel 3: 18GHz -26GHz



LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

POWER SPECTRAL DENSITY**SUBCLAUSE § 15.247 (d)**

TEST CONDITIONS		RF POWER LEVEL IN 3 kHz BW		
Frequency (MHz)		2412	2442	2472
$T_{nom}(23)^{\circ}C$	$V_{nom}(5.0)V$	-9.8 dBm	-9.9dBm	-10.5 dBm
Maximum deviation from output power under extreme test conditions (dBc)		not performed	not performed	not performed
Measurement uncertainty		$\pm 3dB$		

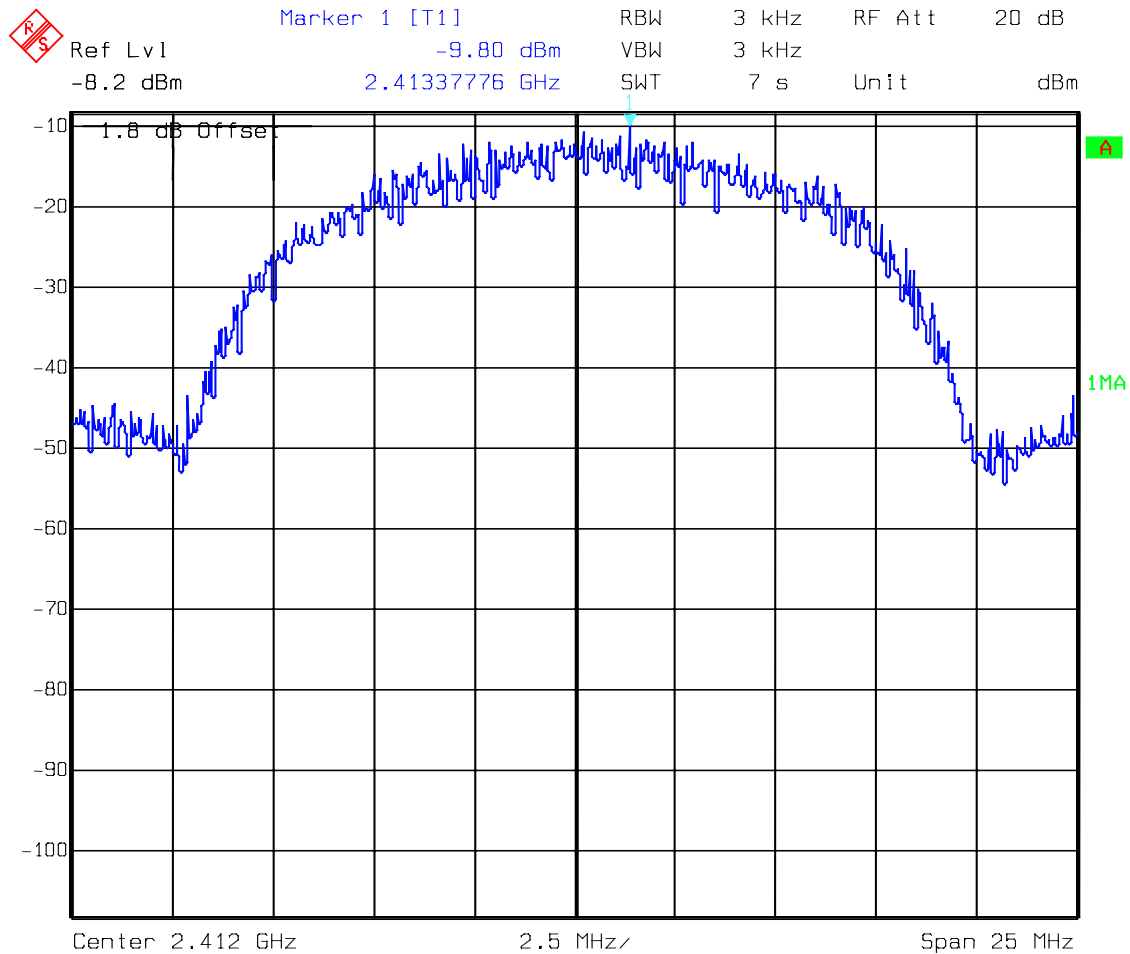
LIMIT**SUBCLAUSE §15.247(d)**

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band

ANALYZER SETTINGS: RBW=3KHz, VBW=3KHz

POWER SPECTRAL DENSITY
2412 MHz

SUBCLAUSE § 15.247 (d)



Date: 18.APR.01 7:25:44

LIMIT

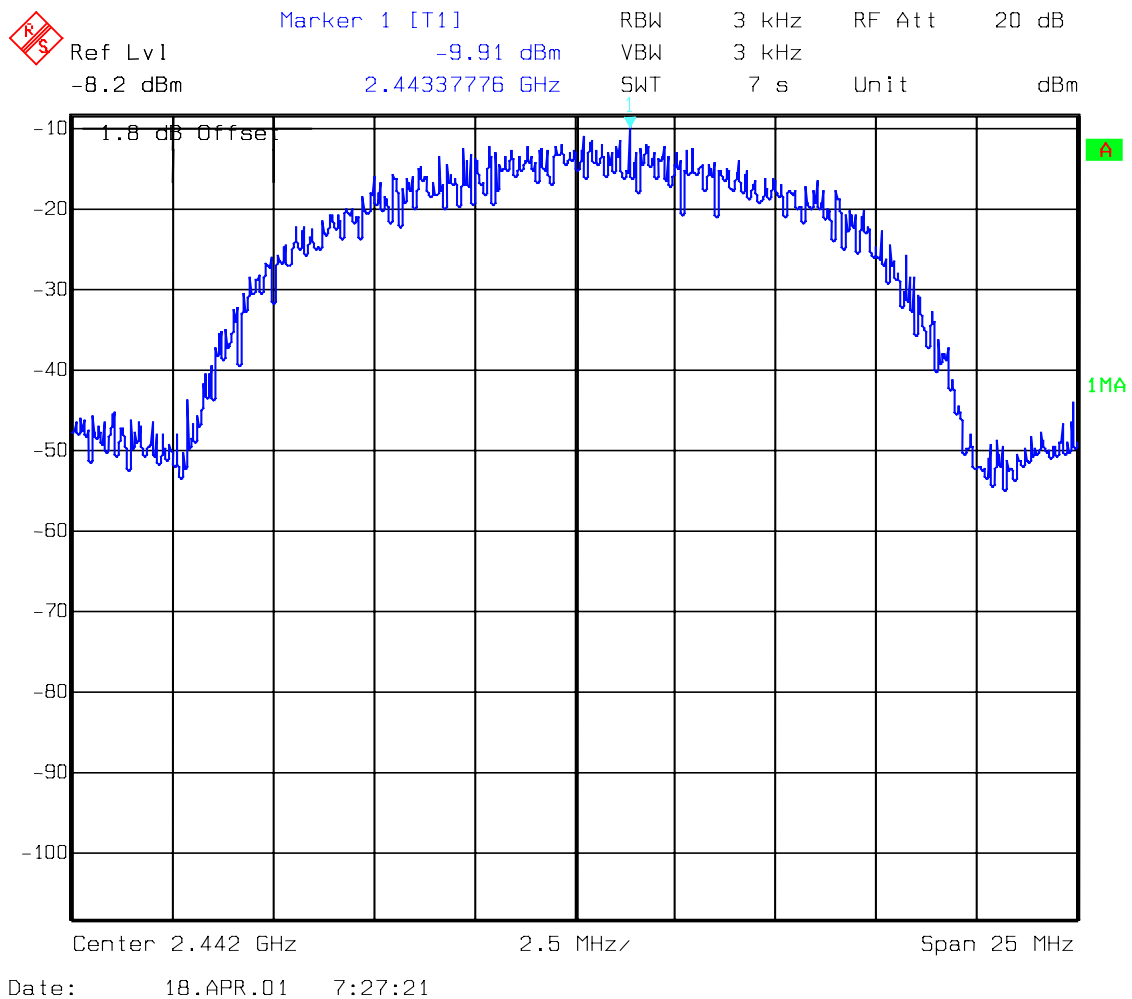
SUBCLAUSE §15.247(d)

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band

POWER SPECTRAL DENSITY

SUBCLAUSE § 15.247 (d)

2442 MHz

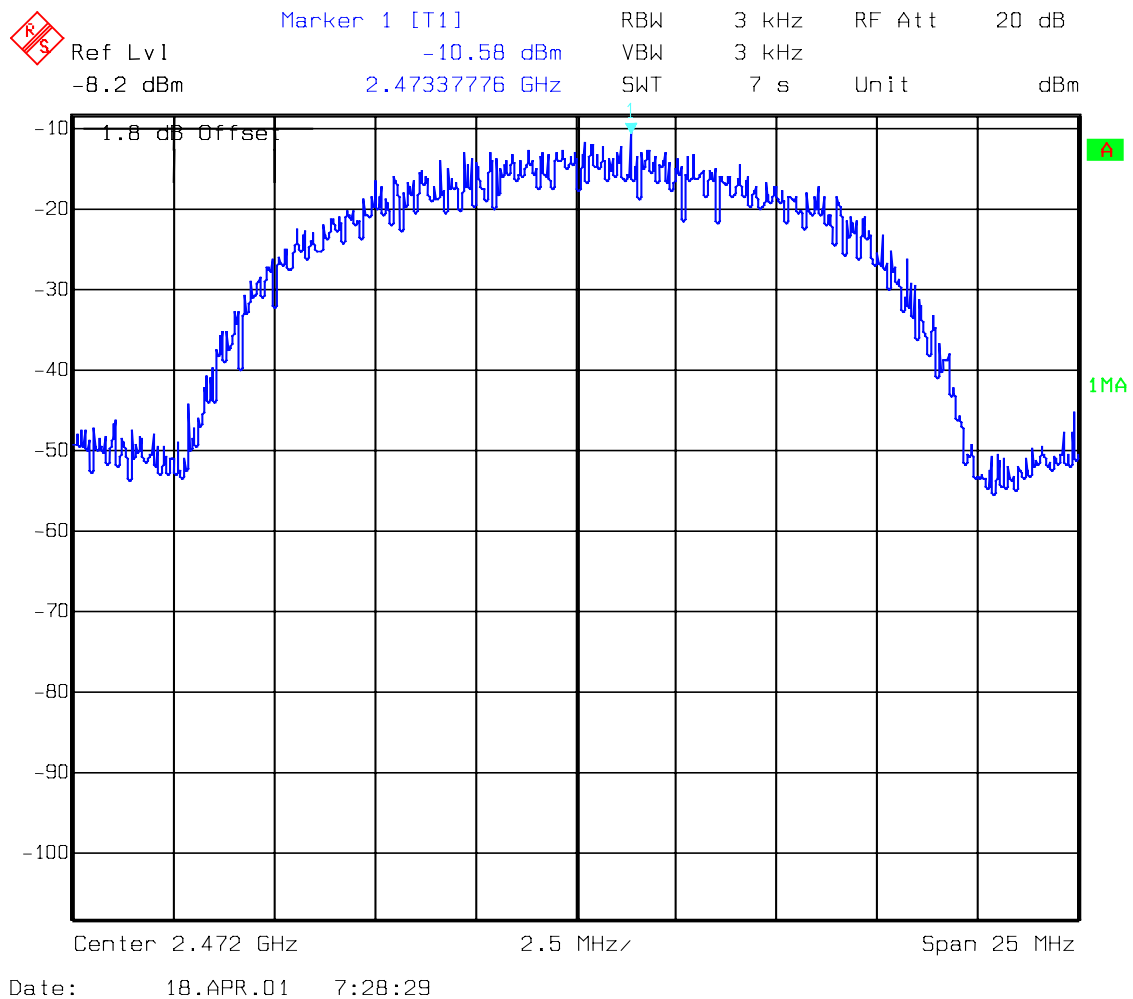


LIMIT

SUBCLAUSE §15.247(d)

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band

SUBCLAUSE § 15.247 (d)



SUBCLAUSE §15.247(d)

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band

PROCESSING GAIN OF DSSS SYSTEMSSUBCLAUSE §15.247 (e)

(NOTE:The processing gain data is provided by Chip Set Manufacturer)

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

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

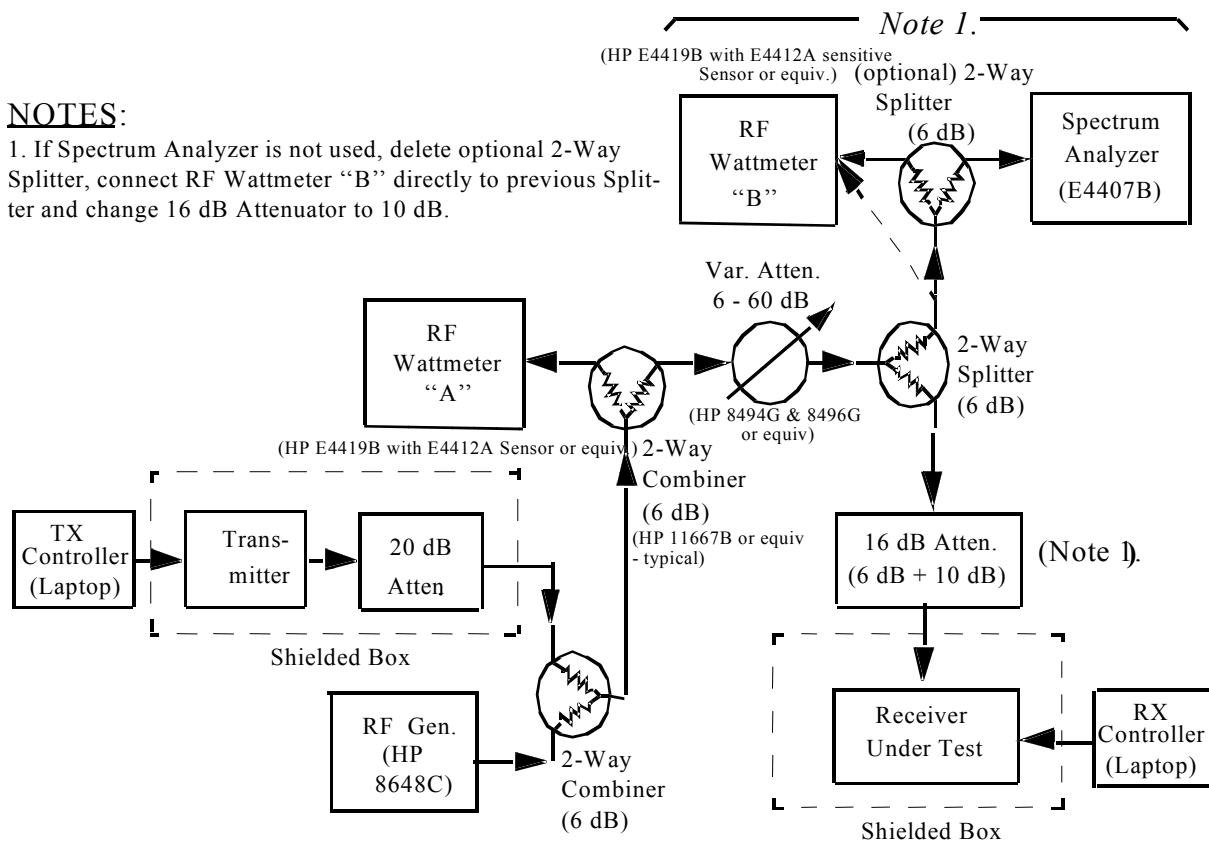
Note: 1. Gp is Processing Gain;

2. Spec is Processing Gain specifications defined by FCC for DSSS systems

Test Set-up - Processing Gain

NOTES:

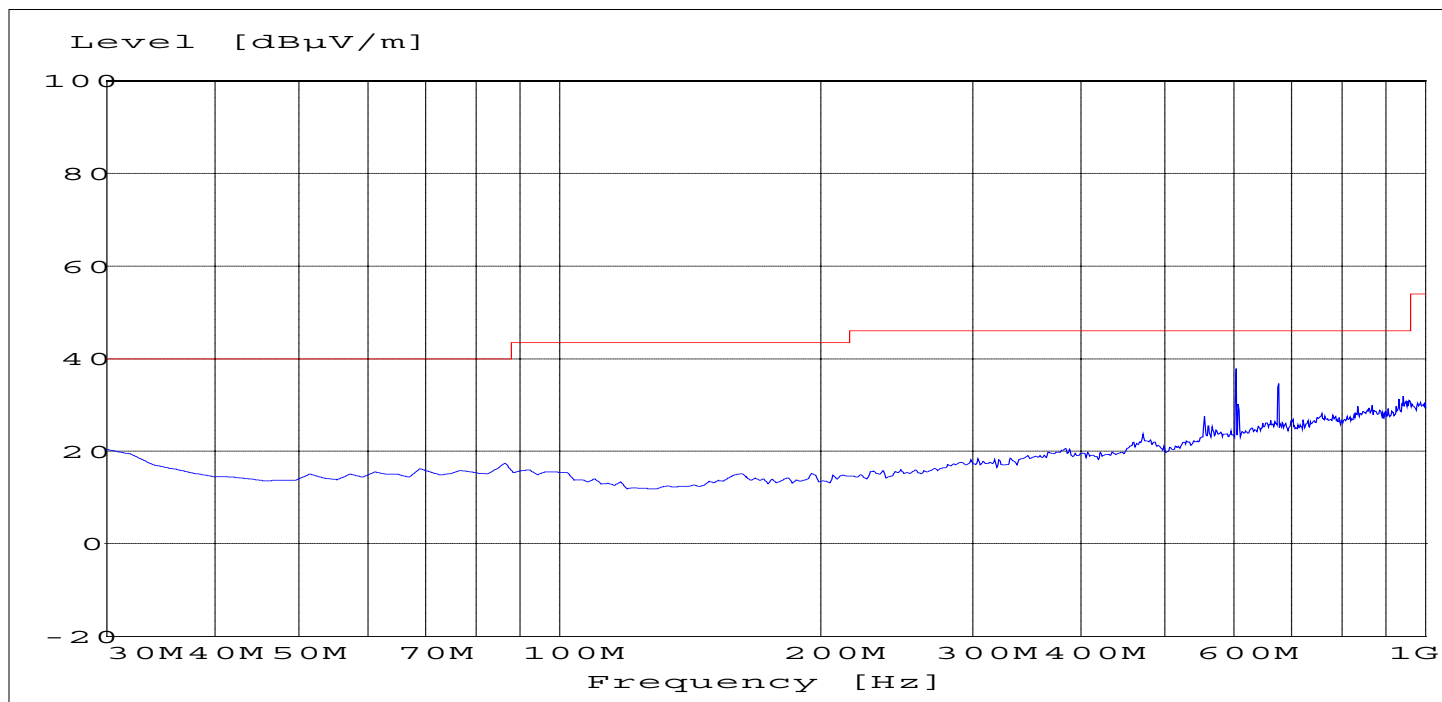
1. If Spectrum Analyzer is not used, delete optional 2-Way Splitter, connect RF Wattmeter "B" directly to previous Splitter and change 16 dB Attenuator to 10 dB.



RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 1: 30MHz – 1GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

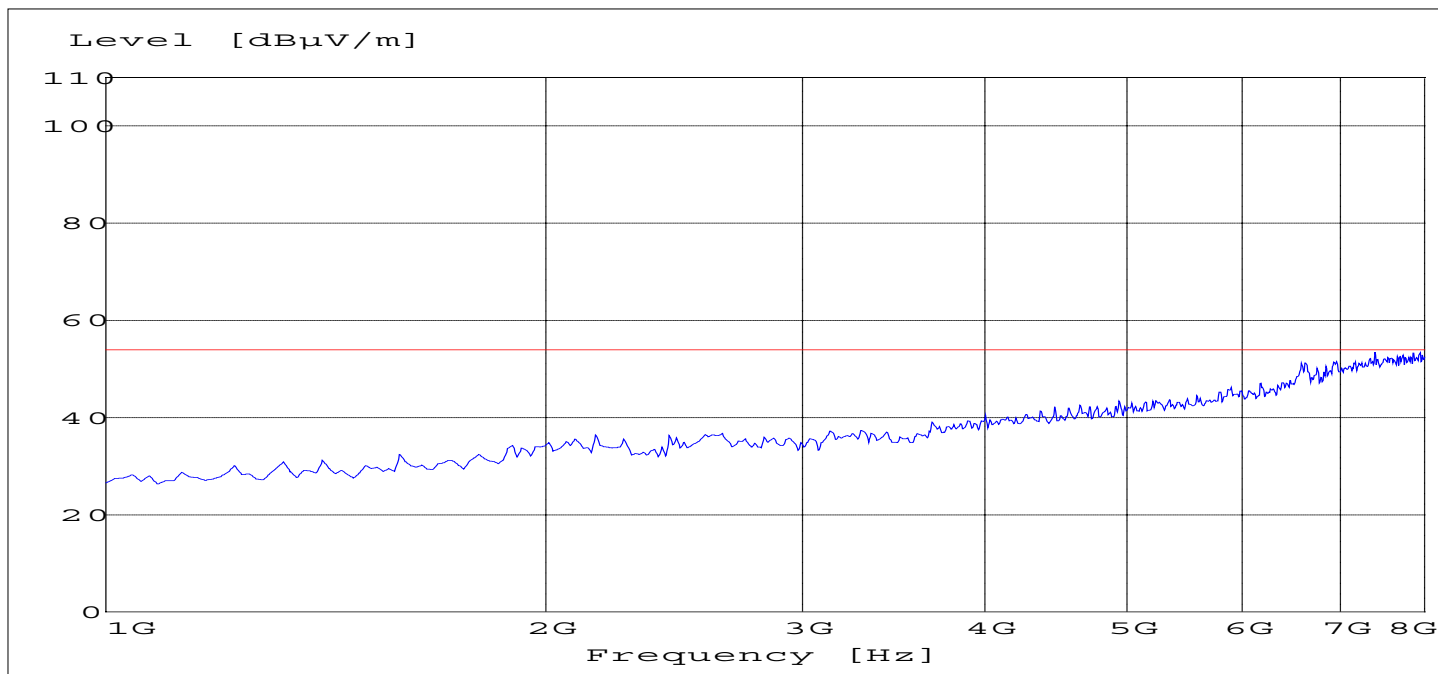
(NOTE: All measurements were done in peak mode)

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz $f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 1: 1GHz – 8GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

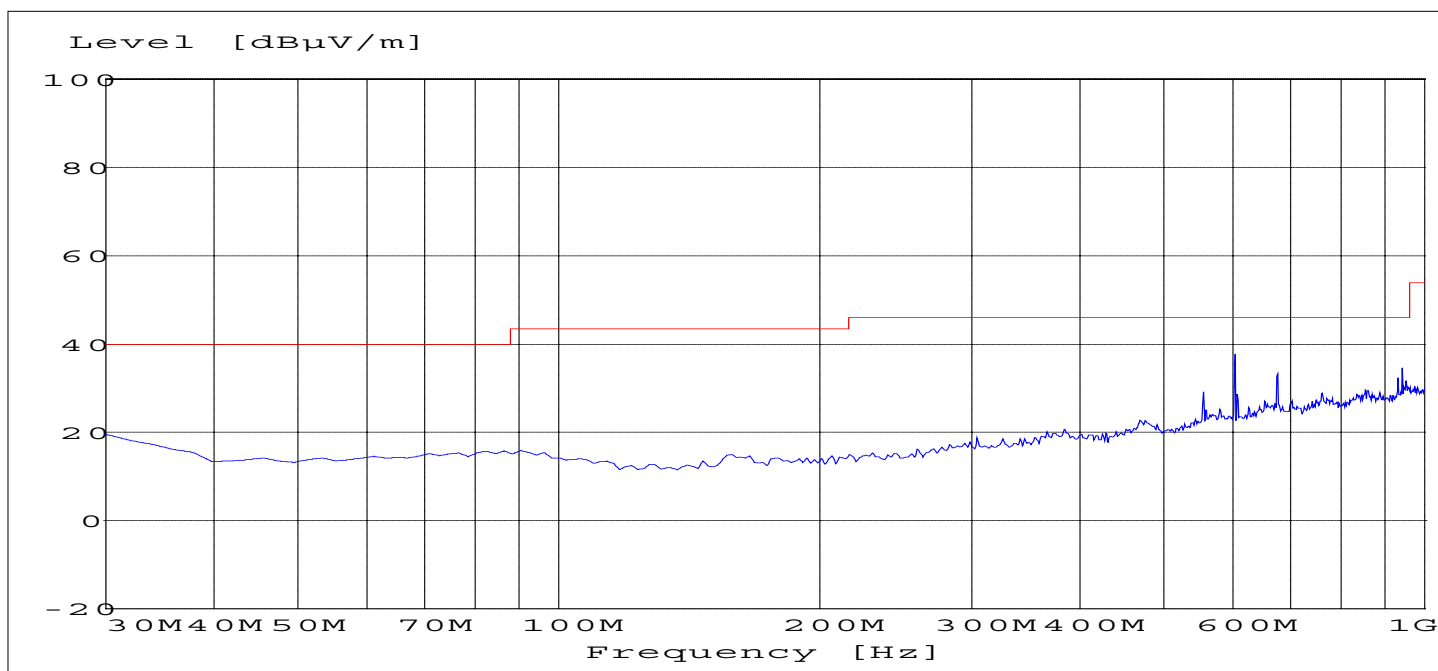
ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 2: 30MHz – 1GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

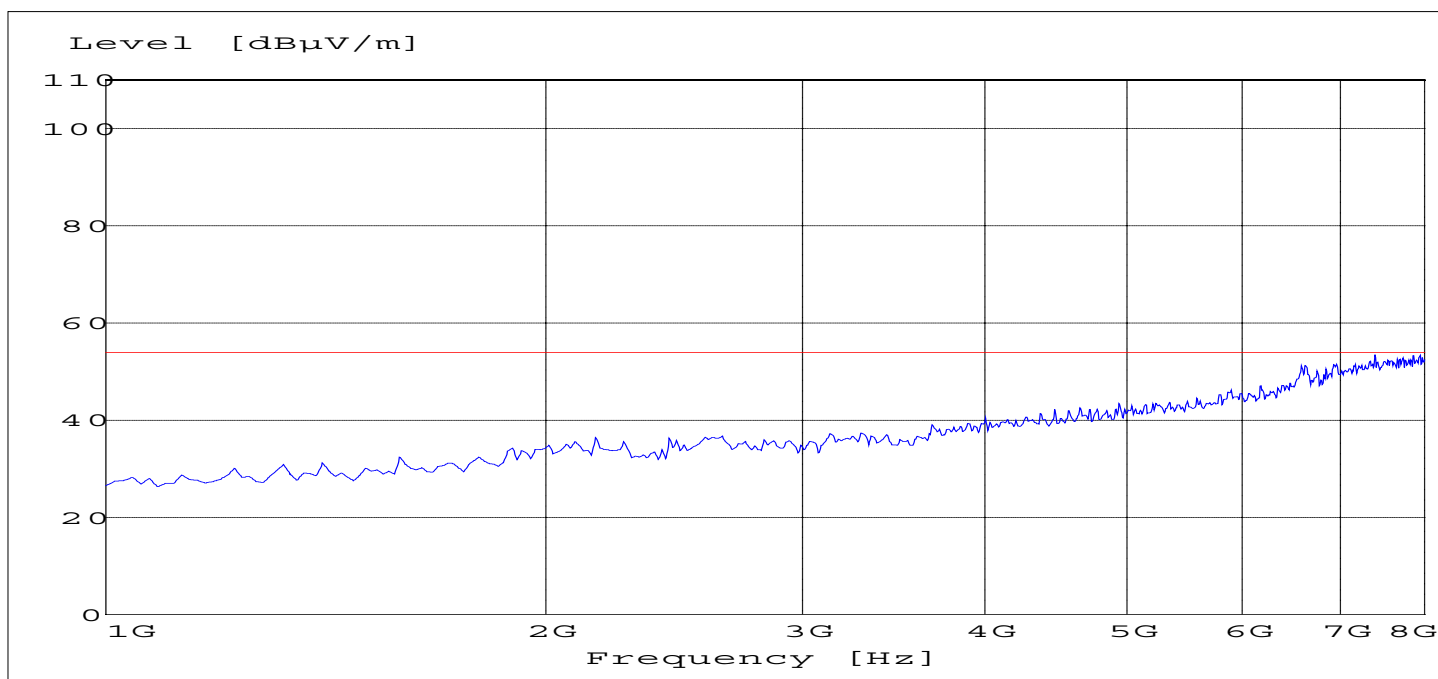
ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz

f ≥ 1GHz : RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 2: 1GHz – 8GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

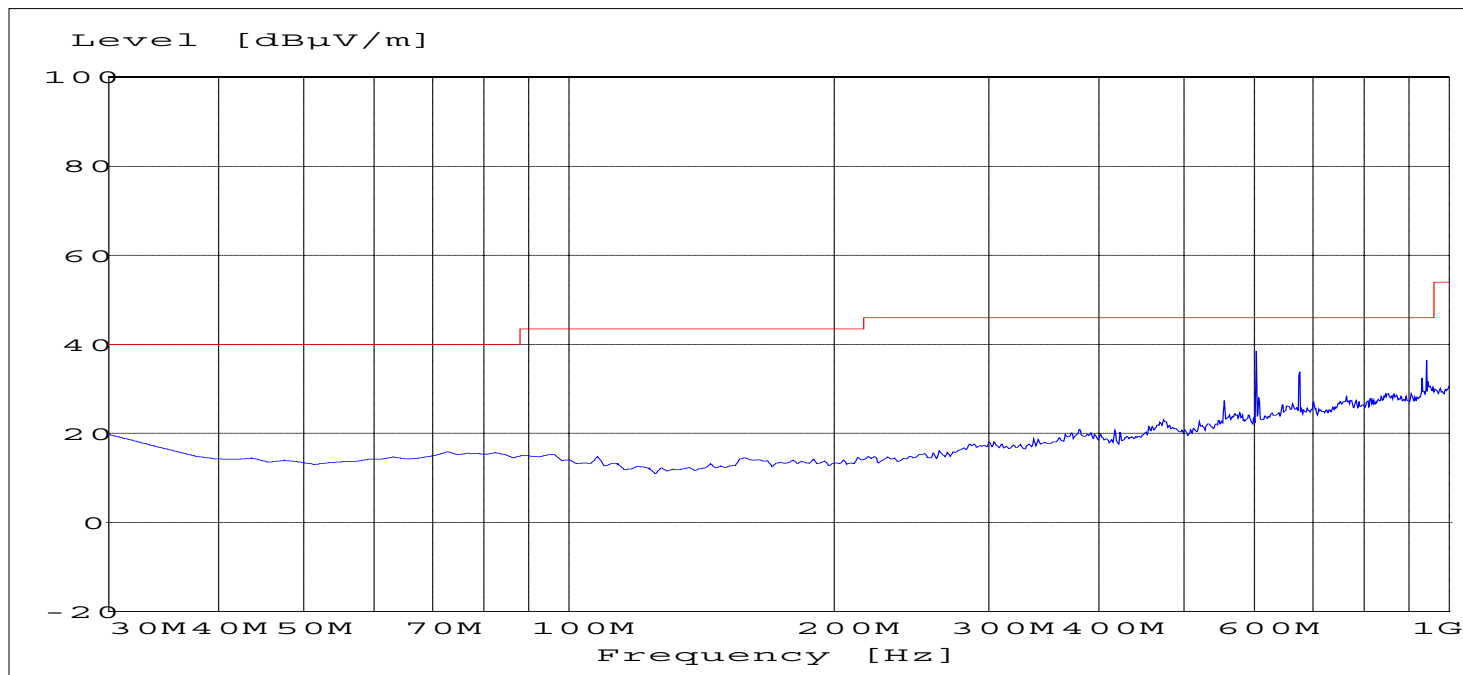
ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz

f ≥ 1GHz : RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 3: 30MHz – 1GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

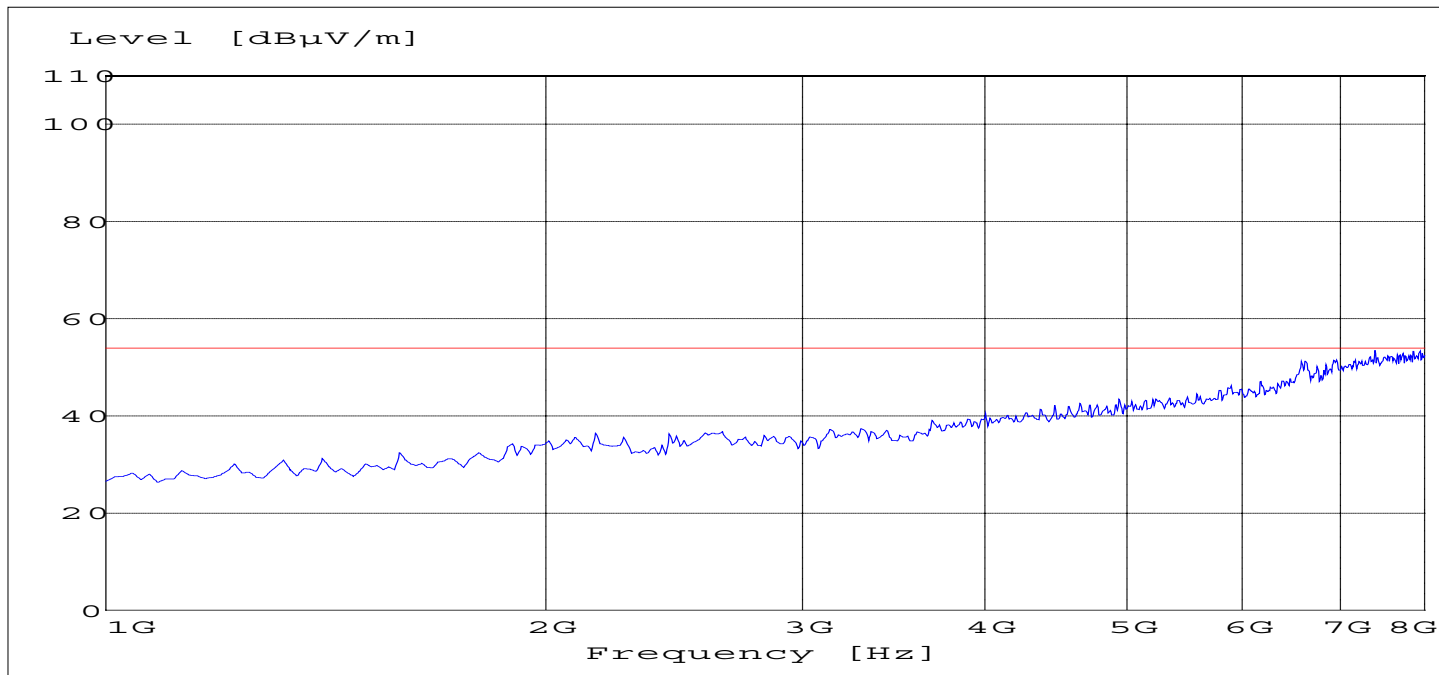
ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

Channel 3: 1GHz – 8GHz



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

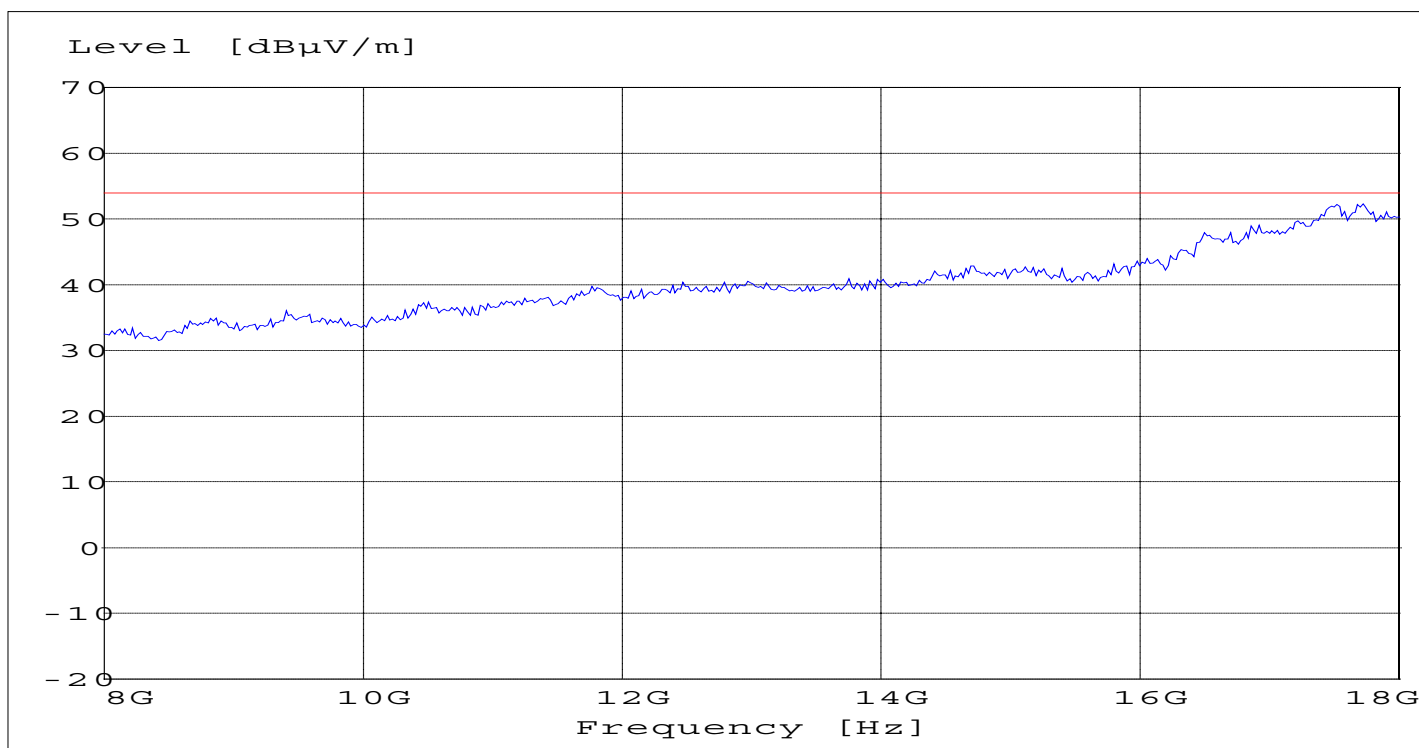
$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

8GHz – 18GHz

(NOTE: This plot is applicable for all three channels)



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz

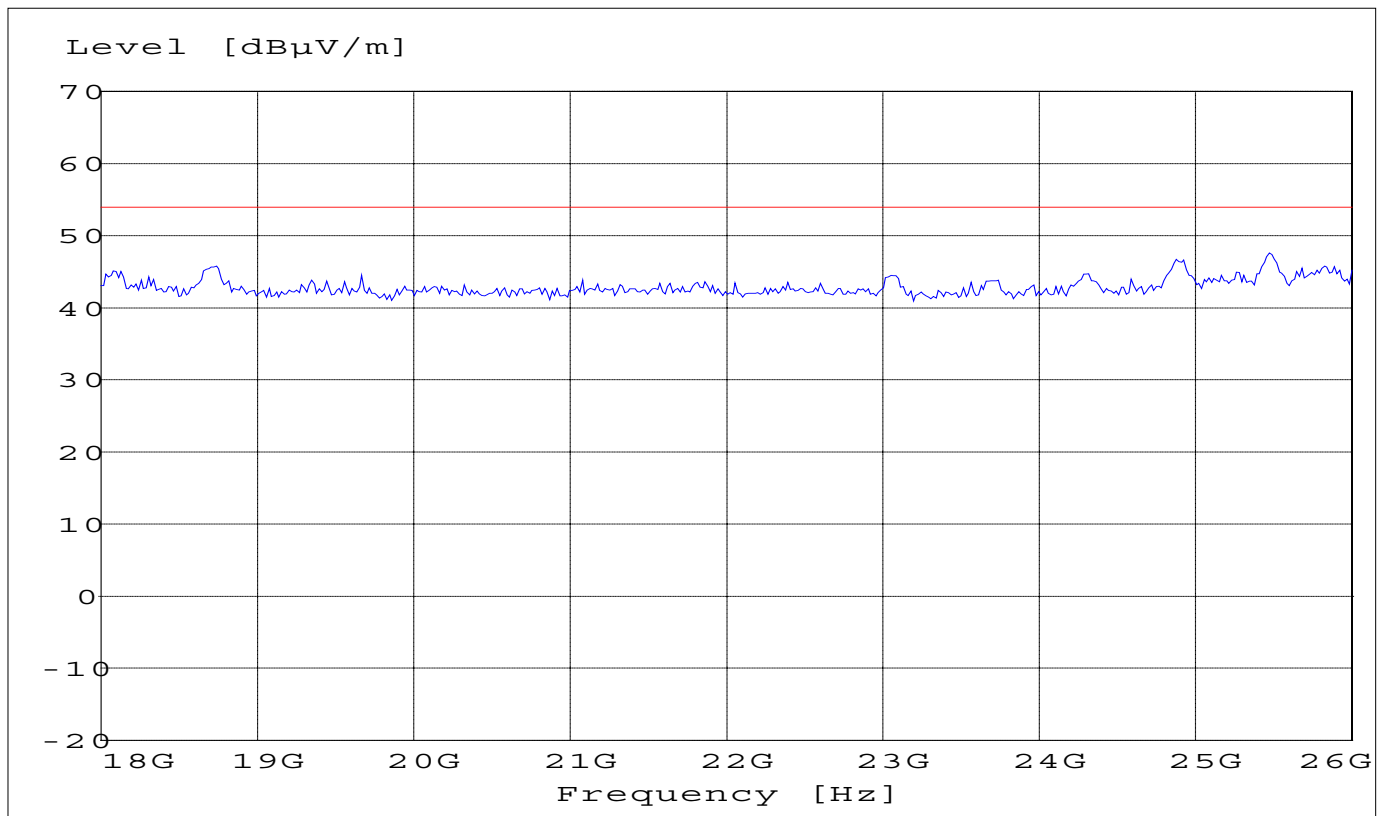
f ≥ 1GHz : RBW/VBW: 1 MHz

RECEIVER SPURIOUS RADIATION

§ 15.209

18GHz – 26GHz

(NOTE: This plot is applicable for all three channels)



Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

(NOTE: All measurements were done in peak mode)

ANALYZER SETTINGS: $f < 1 \text{ GHz}$: RBW/VBW: 100 kHz

$f \geq 1 \text{ GHz}$: RBW/VBW: 1 MHz

[illegible]

Brief Explanations on Processing Gain Data

1. The formula of Processing Gain is: $G_p = (S/N)_o + M_j + L_{sys}$

Where G_p : Processing Gain;

$(S/N)_o$: the ratio of signal energy vs noise power density. Based on the data provided by the chip set manufacturer, it is 16.4dB @11Mb/s, 13.4dB @5.5Mb/s, 13.3dB @2.0Mb/s, 10.3dB @1.0Mb/s;

L_{sys} : test system loss. The measurement result to our test set-up is 2.0dB;

M_j : Jamming Margin. It is the ratio of jammer vs WLAN channel signal;

2. The purpose of the measurement here is to figure out M_j at different frequencies. Processing Gain will be gotten through calculation based on the above formula at different frequencies;
3. During the tests (see the Block Diagram of Test Set-up), the input signal to RX is about -60dBm (not exactly at -60dBm) and M_j (dB) = Jammer level (dBm) - Channel signal level (dBm);
4. The criteria we define the transmission link failure is: PER = 8%;
5. FCC defines that when testing the Processing Gain for a specific channel, if the frequency is f_o , the jammer frequency has to scan from $f_o - 8.5$ MHz to $f_o + 8.5$ MHz with 50 KHz per step. In another word, 340 data will be taken just for a single channel measurement;
6. Having calculated out 340 Processing Gains for a specific channel, use the percentile average function of Microsoft Excel to figure out the final result.

Example: see the first row of 11Mb/s @ Channel 6

Frequency—Jammer frequency = $f_o - 8.5 = 2437 - 8.5 = 2428.50$ MHz;

$(S/N)_o$ —16.4 dB @11 Mb/s (see Item 1);

L_{sys} —2.0 dB (see Item 1);

PER— 8.0%, which is the failure criteria;

Jammer— -57.2dBm, which is the Jammer level @ PER=8.0%;

M_j —Jamming Margin. 5.5 (dB) = -57.2 (dBm) - (-62.7) (dBm) (see Item 3). On here, also see the next page of spread sheet, which shows that XMIT level = -62.7 dBm);

G_p —Processing Gain = $(S/N)_o + M_j + L_{sys} = 16.4 + 5.5 + 2.0 = 23.9$ (dB).

After having calculated out 340 G_p s, use the percentile function of Microsoft Excel, the final G_p of 11Mb/s @ Ch 6 is 12.9 dB. At the same time, incorporate those 340 data into f— G_p chart, you'll get a whole picture of it.

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

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

Note: 1. Gp is Processing Gain;

2. Spec is Processing Gain specifications defined by FCC on DSSS systems.

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

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

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	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2433.35	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.40	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.45	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.50	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.55	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.60	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.65	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.70	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.75	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.80	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2433.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.90	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2433.95	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.00	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.05	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.10	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2434.15	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2434.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.30	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.35	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.40	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2434.45	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2434.55	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.60	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.65	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.70	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.75	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.80	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.85	12.3	16.4	-6.1	2.0	-68.8	<=8.0
2434.90	12.1	16.4	-6.3	2.0	-69.0	<=8.0
2434.95	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.00	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.05	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.10	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.15	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.20	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.25	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.30	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.35	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.40	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.45	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.55	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.60	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.65	12.8	16.4	-5.6	2.0	-68.3	<=8.0

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

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

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

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

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	26.3	16.4	7.9	2.0	-54.8	<=8.0
2445.35	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.40	26.6	16.4	8.2	2.0	-54.5	<=8.0
2445.45	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.50	26.3	16.4	7.9	2.0	-54.8	<=8.0

12.9

Test Conditions

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

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

Processing Gain (dB)	XMIT level	-62.7
	S/N+Ls	18.4
	0dB J/S	0.0
PG	offset	Signal Generator Delta
23.9	-8500	5.5
23.9	-8450	5.5
23.9	-8400	5.5
23.8	-8350	5.4
23.8	-8300	5.4
24.0	-8250	5.6
24.1	-8200	5.7
24.1	-8150	5.7
24.2	-8100	5.8
24.1	-8050	5.7
24.4	-8000	6.0
24.3	-7950	5.9
24.3	-7900	5.9
24.3	-7850	5.9
24.4	-7800	6.0
23.7	-7750	5.3
23.3	-7700	4.9
23.2	-7650	4.8
22.2	-7600	3.8
21.3	-7550	2.9
21.2	-7500	2.8
21.1	-7450	2.7
21.1	-7400	2.7
21.0	-7350	2.6
21.0	-7300	2.6
20.8	-7250	2.4
20.7	-7200	2.3
21.1	-7150	2.7
21.0	-7100	2.6
21.1	-7050	2.7
20.9	-7000	2.5
20.9	-6950	2.5
20.5	-6900	2.1
19.5	-6850	1.1
19.5	-6800	1.1
19.0	-6750	0.6
19.0	-6700	0.6
18.7	-6650	0.3
18.7	-6600	0.3
18.5	-6550	0.1
18.4	-6500	0.0
18.4	-6450	0.0
18.4	-6400	0.0
18.1	-6350	-0.3
17.9	-6300	-0.5
17.4	-6250	-1.0
17.4	-6200	-1.0

17.1	-6150	-1.3
17.1	-6100	-1.3
16.9	-6050	-1.5
16.8	-6000	-1.6
16.7	-5950	-1.7
16.7	-5900	-1.7
16.3	-5850	-2.1
16.5	-5800	-1.9
16.4	-5750	-2.0
16.3	-5700	-2.1
16.3	-5650	-2.1
15.8	-5600	-2.6
15.9	-5550	-2.5
15.7	-5500	-2.7
15.5	-5450	-2.9
15.4	-5400	-3.0
15.2	-5350	-3.2
15.1	-5300	-3.3
15.0	-5250	-3.4
15.0	-5200	-3.4
14.9	-5150	-3.5
15.0	-5100	-3.4
15.1	-5050	-3.3
15.1	-5000	-3.3
15.1	-4950	-3.3
15.0	-4900	-3.4
14.8	-4850	-3.6
14.9	-4800	-3.5
14.9	-4750	-3.5
14.8	-4700	-3.6
14.6	-4650	-3.8
14.3	-4600	-4.1
14.5	-4550	-3.9
14.6	-4500	-3.8
14.5	-4450	-3.9
14.3	-4400	-4.1
14.3	-4350	-4.1
14.2	-4300	-4.2
14.1	-4250	-4.3
14.1	-4200	-4.3
13.8	-4150	-4.6
13.5	-4100	-4.9
13.7	-4050	-4.7
13.6	-4000	-4.8
13.5	-3950	-4.9
13.5	-3900	-4.9
13.5	-3850	-4.9
13.6	-3800	-4.8
13.7	-3750	-4.7
13.7	-3700	-4.7
13.6	-3650	-4.8
13.5	-3600	-4.9

13.4	-3550	-5.0
13.4	-3500	-5.0
13.4	-3450	-5.0
13.4	-3400	-5.0
12.9	-3350	-5.5
12.9	-3300	-5.5
12.9	-3250	-5.5
13.1	-3200	-5.3
12.9	-3150	-5.5
12.7	-3100	-5.7
13.4	-3050	-5.0
13.4	-3000	-5.0
13.4	-2950	-5.0
13.3	-2900	-5.1
13.2	-2850	-5.2
13.0	-2800	-5.4
13.0	-2750	-5.4
13.0	-2700	-5.4
13.0	-2650	-5.4
12.6	-2600	-5.8
12.8	-2550	-5.6
12.9	-2500	-5.5
12.8	-2450	-5.6
12.8	-2400	-5.6
12.7	-2350	-5.7
12.7	-2300	-5.7
12.8	-2250	-5.6
12.8	-2200	-5.6
12.3	-2150	-6.1
12.1	-2100	-6.3
12.4	-2050	-6.0
12.4	-2000	-6.0
12.4	-1950	-6.0
12.6	-1900	-5.8
12.5	-1850	-5.9
12.7	-1800	-5.7
12.7	-1750	-5.7
12.9	-1700	-5.5
12.9	-1650	-5.5
12.9	-1600	-5.5
12.6	-1550	-5.8
12.9	-1500	-5.5
12.9	-1450	-5.5
12.9	-1400	-5.5
12.8	-1350	-5.6
12.4	-1300	-6.0
12.5	-1250	-5.9
12.5	-1200	-5.9
12.5	-1150	-5.9
12.6	-1100	-5.8
12.8	-1050	-5.6
12.9	-1000	-5.5

13.1	-950	-5.3
13.1	-900	-5.3
13.1	-850	-5.3
13.0	-800	-5.4
13.2	-750	-5.2
13.1	-700	-5.3
13.0	-650	-5.4
12.4	-600	-6.0
13.0	-550	-5.4
13.1	-500	-5.3
13.0	-450	-5.4
12.5	-400	-5.9
12.6	-350	-5.8
13.1	-300	-5.3
13.1	-250	-5.3
13.1	-200	-5.3
12.9	-150	-5.5
12.8	-100	-5.6
12.8	-50	-5.6
12.7	0	-5.7
12.9	50	-5.5
12.7	100	-5.7
12.8	150	-5.6
13.0	200	-5.4
13.0	250	-5.4
13.0	300	-5.4
13.1	350	-5.3
13.1	400	-5.3
13.0	450	-5.4
13.3	500	-5.1
13.0	550	-5.4
13.1	600	-5.3
12.6	650	-5.8
12.9	700	-5.5
12.6	750	-5.8
12.8	800	-5.6
12.6	850	-5.8
12.2	900	-6.2
12.8	950	-5.6
13.0	1000	-5.4
13.1	1050	-5.3
13.2	1100	-5.2
13.3	1150	-5.1
13.2	1200	-5.2
13.0	1250	-5.4
13.1	1300	-5.3
13.1	1350	-5.3
12.5	1400	-5.9
13.1	1450	-5.3
13.1	1500	-5.3
13.0	1550	-5.4
12.9	1600	-5.5

12.9	1650	-5.5
13.1	1700	-5.3
13.1	1750	-5.3
13.0	1800	-5.4
13.0	1850	-5.4
12.9	1900	-5.5
12.9	1950	-5.5
12.8	2000	-5.6
12.7	2050	-5.7
12.8	2100	-5.6
12.7	2150	-5.7
12.7	2200	-5.7
12.8	2250	-5.6
12.8	2300	-5.6
12.8	2350	-5.6
12.9	2400	-5.5
12.9	2450	-5.5
13.0	2500	-5.4
12.8	2550	-5.6
12.8	2600	-5.6
12.5	2650	-5.9
12.5	2700	-5.9
12.4	2750	-6.0
12.6	2800	-5.8
12.3	2850	-6.1
12.6	2900	-5.8
12.5	2950	-5.9
12.5	3000	-5.9
12.9	3050	-5.5
13.2	3100	-5.2
13.2	3150	-5.2
13.3	3200	-5.1
13.5	3250	-4.9
13.6	3300	-4.8
13.2	3350	-5.2
12.8	3400	-5.6
13.3	3450	-5.1
13.5	3500	-4.9
13.3	3550	-5.1
12.5	3600	-5.9
12.5	3650	-5.9
13.7	3700	-4.7
13.7	3750	-4.7
13.8	3800	-4.6
12.9	3850	-5.5
13.8	3900	-4.6
14.0	3950	-4.4
14.1	4000	-4.3
13.9	4050	-4.5
13.9	4100	-4.5
13.8	4150	-4.6
14.1	4200	-4.3

14.1	4250	-4.3
14.0	4300	-4.4
14.4	4350	-4.0
14.4	4400	-4.0
14.3	4450	-4.1
14.5	4500	-3.9
14.6	4550	-3.8
14.7	4600	-3.7
14.6	4650	-3.8
14.6	4700	-3.8
14.5	4750	-3.9
14.4	4800	-4.0
14.3	4850	-4.1
14.3	4900	-4.1
14.5	4950	-3.9
14.7	5000	-3.7
14.9	5050	-3.5
15.0	5100	-3.4
15.1	5150	-3.3
15.2	5200	-3.2
15.5	5250	-2.9
15.7	5300	-2.7
15.7	5350	-2.7
15.5	5400	-2.9
15.9	5450	-2.5
15.9	5500	-2.5
16.0	5550	-2.4
16.1	5600	-2.3
16.1	5650	-2.3
16.1	5700	-2.3
16.2	5750	-2.2
16.3	5800	-2.1
16.4	5850	-2.0
16.7	5900	-1.7
16.9	5950	-1.5
17.0	6000	-1.4
17.1	6050	-1.3
17.2	6100	-1.2
17.2	6150	-1.2
17.4	6200	-1.0
17.6	6250	-0.8
17.7	6300	-0.7
17.7	6350	-0.7
17.7	6400	-0.7
18.0	6450	-0.4
18.3	6500	-0.1
18.6	6550	0.2
18.6	6600	0.2
18.9	6650	0.5
19.0	6700	0.6
19.1	6750	0.7
19.2	6800	0.8

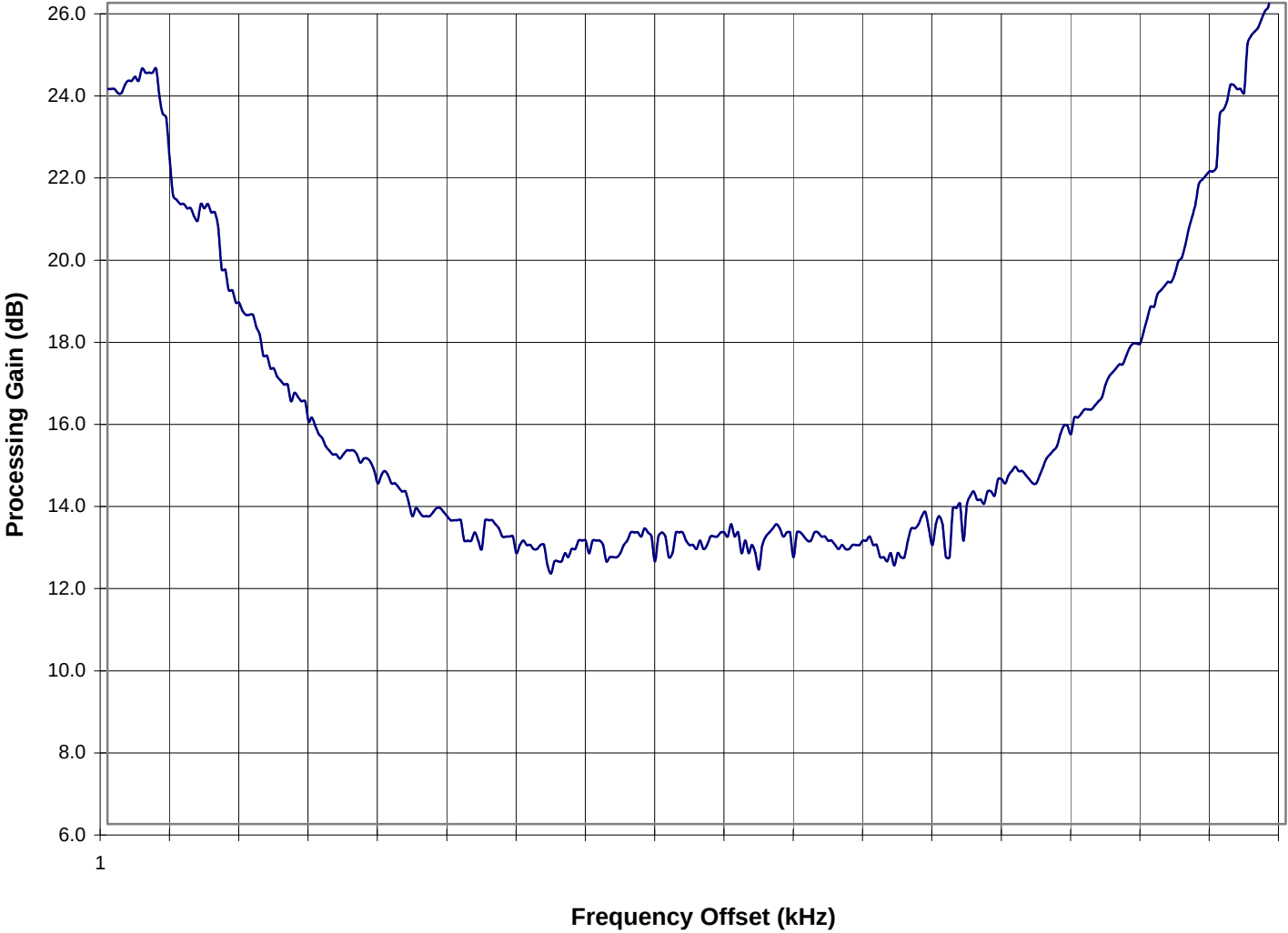
ISL37400M, rev A, s/n 38
CH6 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

19.2	6850	0.8
19.4	6900	1.0
19.7	6950	1.3
19.8	7000	1.4
20.1	7050	1.7
20.5	7100	2.1
20.8	7150	2.4
21.1	7200	2.7
21.6	7250	3.2
21.7	7300	3.3
21.8	7350	3.4
21.9	7400	3.5
21.9	7450	3.5
22.0	7500	3.6
23.3	7550	4.9
23.4	7600	5.0
23.6	7650	5.2
24.0	7700	5.6
24.0	7750	5.6
23.9	7800	5.5
23.9	7850	5.5
23.8	7900	5.4
25.0	7950	6.6
25.2	8000	6.8
25.3	8050	6.9
25.4	8100	7.0
25.6	8150	7.2
25.8	8200	7.4
25.9	8250	7.5
26.3	8300	7.9
26.5	8350	8.1
26.6	8400	8.2
26.5	8450	8.1
26.3	8500	7.9
12.9		

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



11Mbps CHANNEL 11 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2453.50	25.4	16.4	7.0	2.0	-55.2	<=8.0
2453.55	24.7	16.4	6.3	2.0	-55.9	<=8.0
2453.60	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.65	24.0	16.4	5.6	2.0	-56.6	<=8.0
2453.70	24.0	16.4	5.6	2.0	-56.6	<=8.0
2453.75	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.80	24.3	16.4	5.9	2.0	-56.3	<=8.0
2453.85	24.3	16.4	5.9	2.0	-56.3	<=8.0
2453.90	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.95	24.2	16.4	5.8	2.0	-56.4	<=8.0
2454.00	24.0	16.4	5.6	2.0	-56.6	<=8.0
2454.05	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.10	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.15	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.20	24.5	16.4	6.1	2.0	-56.1	<=8.0
2454.25	24.5	16.4	6.1	2.0	-56.1	<=8.0
2454.30	23.7	16.4	5.3	2.0	-56.9	<=8.0
2454.35	23.7	16.4	5.3	2.0	-56.9	<=8.0
2454.40	23.6	16.4	5.2	2.0	-57.0	<=8.0
2454.45	23.2	16.4	4.8	2.0	-57.4	<=8.0
2454.50	23.3	16.4	4.9	2.0	-57.3	<=8.0
2454.55	23.2	16.4	4.8	2.0	-57.4	<=8.0
2454.60	22.8	16.4	4.4	2.0	-57.8	<=8.0
2454.65	21.9	16.4	3.5	2.0	-58.7	<=8.0
2454.70	22.3	16.4	3.9	2.0	-58.3	<=8.0
2454.75	22.1	16.4	3.7	2.0	-58.5	<=8.0
2454.80	22.0	16.4	3.6	2.0	-58.6	<=8.0
2454.85	20.4	16.4	2.0	2.0	-60.2	<=8.0
2454.90	20.8	16.4	2.4	2.0	-59.8	<=8.0
2454.95	20.7	16.4	2.3	2.0	-59.9	<=8.0
2455.00	21.0	16.4	2.6	2.0	-59.6	<=8.0
2455.05	21.0	16.4	2.6	2.0	-59.6	<=8.0
2455.10	20.7	16.4	2.3	2.0	-59.9	<=8.0
2455.15	19.9	16.4	1.5	2.0	-60.7	<=8.0
2455.20	20.0	16.4	1.6	2.0	-60.6	<=8.0
2455.25	20.0	16.4	1.6	2.0	-60.6	<=8.0
2455.30	19.4	16.4	1.0	2.0	-61.2	<=8.0
2455.35	19.4	16.4	1.0	2.0	-61.2	<=8.0
2455.40	19.2	16.4	0.8	2.0	-61.4	<=8.0
2455.45	19.0	16.4	0.6	2.0	-61.6	<=8.0
2455.50	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.55	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.60	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.65	18.4	16.4	0.0	2.0	-62.2	<=8.0
2455.70	18.2	16.4	-0.2	2.0	-62.4	<=8.0
2455.75	17.5	16.4	-0.9	2.0	-63.1	<=8.0
2455.80	17.5	16.4	-0.9	2.0	-63.1	<=8.0
2455.85	17.0	16.4	-1.4	2.0	-63.6	<=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)	(%)
2455.90	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2455.95	17.0	16.4	-1.4	2.0	-63.6	<=8.0
2456.00	17.0	16.4	-1.4	2.0	-63.6	<=8.0
2456.05	16.8	16.4	-1.6	2.0	-63.8	<=8.0
2456.10	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2456.15	16.6	16.4	-1.8	2.0	-64.0	<=8.0
2456.20	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.25	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.30	16.7	16.4	-1.7	2.0	-63.9	<=8.0
2456.35	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.40	16.1	16.4	-2.3	2.0	-64.5	<=8.0
2456.45	16.0	16.4	-2.4	2.0	-64.6	<=8.0
2456.50	15.9	16.4	-2.5	2.0	-64.7	<=8.0
2456.55	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2456.60	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2456.65	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2456.70	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2456.75	15.2	16.4	-3.2	2.0	-65.4	<=8.0
2456.80	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2456.85	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2456.90	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2456.95	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.00	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.05	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.10	15.0	16.4	-3.4	2.0	-65.6	<=8.0
2457.15	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.20	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.25	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.30	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.35	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.40	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2457.45	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2457.50	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.55	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.60	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2457.65	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2457.70	14.3	16.4	-4.1	2.0	-66.3	<=8.0
2457.75	14.3	16.4	-4.1	2.0	-66.3	<=8.0
2457.80	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2457.85	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2457.90	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2457.95	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.00	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.05	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.10	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.15	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.20	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.25	13.5	16.4	-4.9	2.0	-67.1	<=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)	(%)
2458.30	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.35	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.40	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.45	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.50	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2458.55	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.60	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2458.65	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.70	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.75	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2458.80	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2458.85	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.90	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2458.95	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2459.00	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2459.05	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2459.10	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2459.15	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2459.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.25	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.30	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.35	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2459.40	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2459.45	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.50	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.55	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.60	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2459.70	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.75	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2459.80	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2459.85	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.90	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2459.95	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.00	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.05	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.10	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2460.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2460.20	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.30	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.35	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.40	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.45	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2460.50	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.55	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.60	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2460.65	12.4	16.4	-6.0	2.0	-68.2	<=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)	(%)
2460.70	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.75	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.80	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.85	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.90	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2460.95	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2461.00	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2461.05	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.10	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.15	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.25	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2461.30	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2461.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.40	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2461.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.55	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.60	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2461.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2461.70	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.75	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.80	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.85	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2461.90	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2461.95	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.00	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.05	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.10	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.20	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.30	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.40	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.50	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.55	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.60	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.70	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.75	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2462.80	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.85	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2462.90	12.1	16.4	-6.3	2.0	-68.5	<=8.0
2462.95	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.00	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.05	13.0	16.4	-5.4	2.0	-67.6	<=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	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.15	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.20	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2463.25	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.30	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.40	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2463.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.55	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.60	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2463.65	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2463.70	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.75	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.80	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.85	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.90	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.95	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2464.00	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.05	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.10	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.20	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.30	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.35	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.40	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.45	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2464.55	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.60	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.65	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2464.70	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2464.75	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2464.80	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2464.85	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2464.90	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2464.95	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2465.00	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2465.05	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2465.10	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2465.15	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2465.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2465.25	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2465.30	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.35	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.40	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2465.45	13.2	16.4	-5.2	2.0	-67.4	<=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)	(%)
2465.50	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.55	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.60	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2465.70	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.75	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.80	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.85	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2465.90	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.95	13.8	16.4	-4.6	2.0	-66.8	<=8.0
2466.00	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2466.05	14.0	16.4	-4.4	2.0	-66.6	<=8.0
2466.10	14.0	16.4	-4.4	2.0	-66.6	<=8.0
2466.15	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2466.20	13.8	16.4	-4.6	2.0	-66.8	<=8.0
2466.25	14.0	16.4	-4.4	2.0	-66.6	<=8.0
2466.30	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2466.35	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.40	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.45	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.50	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.55	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.60	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.65	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2466.70	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2466.75	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.80	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.85	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2466.90	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2466.95	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2467.00	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2467.05	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2467.10	14.6	16.4	-3.8	2.0	-66.0	<=8.0
2467.15	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2467.20	14.8	16.4	-3.6	2.0	-65.8	<=8.0
2467.25	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2467.30	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2467.35	15.5	16.4	-2.9	2.0	-65.1	<=8.0
2467.40	15.3	16.4	-3.1	2.0	-65.3	<=8.0
2467.45	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.50	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.55	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.60	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2467.65	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2467.70	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2467.75	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2467.80	16.0	16.4	-2.4	2.0	-64.6	<=8.0
2467.85	16.1	16.4	-2.3	2.0	-64.5	<=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)	(%)
2467.90	16.3	16.4	-2.1	2.0	-64.3	<=8.0
2467.95	16.3	16.4	-2.1	2.0	-64.3	<=8.0
2468.00	16.6	16.4	-1.8	2.0	-64.0	<=8.0
2468.05	16.8	16.4	-1.6	2.0	-63.8	<=8.0
2468.10	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2468.15	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2468.20	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2468.25	17.1	16.4	-1.3	2.0	-63.5	<=8.0
2468.30	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2468.35	17.3	16.4	-1.1	2.0	-63.3	<=8.0
2468.40	17.6	16.4	-0.8	2.0	-63.0	<=8.0
2468.45	17.6	16.4	-0.8	2.0	-63.0	<=8.0
2468.50	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.55	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.60	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.65	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.70	18.0	16.4	-0.4	2.0	-62.6	<=8.0
2468.75	17.9	16.4	-0.5	2.0	-62.7	<=8.0
2468.80	18.1	16.4	-0.3	2.0	-62.5	<=8.0
2468.85	18.1	16.4	-0.3	2.0	-62.5	<=8.0
2468.90	18.2	16.4	-0.2	2.0	-62.4	<=8.0
2468.95	18.7	16.4	0.3	2.0	-61.9	<=8.0
2469.00	19.1	16.4	0.7	2.0	-61.5	<=8.0
2469.05	19.1	16.4	0.7	2.0	-61.5	<=8.0
2469.10	19.8	16.4	1.4	2.0	-60.8	<=8.0
2469.15	20.5	16.4	2.1	2.0	-60.1	<=8.0
2469.20	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.25	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.30	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.35	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.40	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.45	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.50	21.5	16.4	3.1	2.0	-59.1	<=8.0
2469.55	21.5	16.4	3.1	2.0	-59.1	<=8.0
2469.60	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.65	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.70	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.75	21.8	16.4	3.4	2.0	-58.8	<=8.0
2469.80	21.8	16.4	3.4	2.0	-58.8	<=8.0
2469.85	22.7	16.4	4.3	2.0	-57.9	<=8.0
2469.90	23.5	16.4	5.1	2.0	-57.1	<=8.0
2469.95	24.0	16.4	5.6	2.0	-56.6	<=8.0
2470.00	24.0	16.4	5.6	2.0	-56.6	<=8.0
2470.05	23.9	16.4	5.5	2.0	-56.7	<=8.0
2470.10	24.1	16.4	5.7	2.0	-56.5	<=8.0
2470.15	24.3	16.4	5.9	2.0	-56.3	<=8.0
2470.20	24.7	16.4	6.3	2.0	-55.9	<=8.0
2470.25	25.0	16.4	6.6	2.0	-55.6	<=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)	(%)
2470.30	25.0	16.4	6.6	2.0	-55.6	<=8.0
2470.35	25.0	16.4	6.6	2.0	-55.6	<=8.0
2470.40	25.2	16.4	6.8	2.0	-55.4	<=8.0
2470.45	25.2	16.4	6.8	2.0	-55.4	<=8.0
2470.50	25.3	16.4	6.9	2.0	-55.3	<=8.0

12.8

Test Conditions

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

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

Processing Gain (dB)	XMIT level	-62.2	
	S/N+Ls	18.4	
	0dB J/S	0.0	
PG	offset	Signal Generator Delta	
25.4	-8500	7.0	
24.7	-8450	6.3	
24.2	-8400	5.8	
24.0	-8350	5.6	
24.0	-8300	5.6	
24.2	-8250	5.8	
24.3	-8200	5.9	
24.3	-8150	5.9	
24.2	-8100	5.8	
24.2	-8050	5.8	
24.0	-8000	5.6	
24.4	-7950	6.0	
24.4	-7900	6.0	
24.4	-7850	6.0	
24.5	-7800	6.1	
24.5	-7750	6.1	
23.7	-7700	5.3	
23.7	-7650	5.3	
23.6	-7600	5.2	
23.2	-7550	4.8	
23.3	-7500	4.9	
23.2	-7450	4.8	
22.8	-7400	4.4	
21.9	-7350	3.5	
22.3	-7300	3.9	
22.1	-7250	3.7	
22.0	-7200	3.6	
20.4	-7150	2.0	
20.8	-7100	2.4	
20.7	-7050	2.3	
21.0	-7000	2.6	
21.0	-6950	2.6	
20.7	-6900	2.3	
19.9	-6850	1.5	
20.0	-6800	1.6	
20.0	-6750	1.6	
19.4	-6700	1.0	
19.4	-6650	1.0	
19.2	-6600	0.8	
19.0	-6550	0.6	
18.8	-6500	0.4	
18.8	-6450	0.4	
18.8	-6400	0.4	
18.4	-6350	0.0	
18.2	-6300	-0.2	
17.5	-6250	-0.9	
17.5	-6200	-0.9	

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

17.0	-6150	-1.4	
17.2	-6100	-1.2	
17.0	-6050	-1.4	
17.0	-6000	-1.4	
16.8	-5950	-1.6	
16.9	-5900	-1.5	
16.6	-5850	-1.8	
16.5	-5800	-1.9	
16.5	-5750	-1.9	
16.7	-5700	-1.7	
16.5	-5650	-1.9	
16.1	-5600	-2.3	
16.0	-5550	-2.4	
15.9	-5500	-2.5	
15.8	-5450	-2.6	
15.7	-5400	-2.7	
15.4	-5350	-3.0	
15.4	-5300	-3.0	
15.2	-5250	-3.2	
15.1	-5200	-3.3	
14.9	-5150	-3.5	
15.1	-5100	-3.3	
15.1	-5050	-3.3	
15.1	-5000	-3.3	
15.1	-4950	-3.3	
15.0	-4900	-3.4	
14.9	-4850	-3.5	
14.9	-4800	-3.5	
14.9	-4750	-3.5	
14.9	-4700	-3.5	
14.7	-4650	-3.7	
14.4	-4600	-4.0	
14.5	-4550	-3.9	
14.7	-4500	-3.7	
14.7	-4450	-3.7	
14.5	-4400	-3.9	
14.4	-4350	-4.0	
14.3	-4300	-4.1	
14.3	-4250	-4.1	
14.1	-4200	-4.3	
13.9	-4150	-4.5	
13.5	-4100	-4.9	
13.7	-4050	-4.7	
13.7	-4000	-4.7	
13.6	-3950	-4.8	
13.6	-3900	-4.8	
13.6	-3850	-4.8	
13.5	-3800	-4.9	
13.5	-3750	-4.9	
13.7	-3700	-4.7	
13.7	-3650	-4.7	
13.6	-3600	-4.8	

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

13.5	-3550	-4.9	
13.4	-3500	-5.0	
13.5	-3450	-4.9	
13.3	-3400	-5.1	
13.0	-3350	-5.4	
13.0	-3300	-5.4	
12.9	-3250	-5.5	
13.1	-3200	-5.3	
13.0	-3150	-5.4	
12.6	-3100	-5.8	
13.2	-3050	-5.2	
13.3	-3000	-5.1	
13.4	-2950	-5.0	
13.3	-2900	-5.1	
13.2	-2850	-5.2	
13.0	-2800	-5.4	
13.0	-2750	-5.4	
13.0	-2700	-5.4	
12.9	-2650	-5.5	
12.4	-2600	-6.0	
12.6	-2550	-5.8	
12.6	-2500	-5.8	
12.6	-2450	-5.8	
12.6	-2400	-5.8	
12.7	-2350	-5.7	
12.6	-2300	-5.8	
12.8	-2250	-5.6	
12.8	-2200	-5.6	
12.6	-2150	-5.8	
12.3	-2100	-6.1	
12.5	-2050	-5.9	
12.5	-2000	-5.9	
12.5	-1950	-5.9	
12.6	-1900	-5.8	
12.7	-1850	-5.7	
12.8	-1800	-5.6	
12.8	-1750	-5.6	
12.8	-1700	-5.6	
12.8	-1650	-5.6	
12.5	-1600	-5.9	
12.9	-1550	-5.5	
12.8	-1500	-5.6	
12.8	-1450	-5.6	
12.7	-1400	-5.7	
12.4	-1350	-6.0	
12.5	-1300	-5.9	
12.5	-1250	-5.9	
12.5	-1200	-5.9	
12.5	-1150	-5.9	
12.6	-1100	-5.8	
12.8	-1050	-5.6	
12.9	-1000	-5.5	

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

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

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

12.8	1650	-5.6	
12.9	1700	-5.5	
13.0	1750	-5.4	
13.0	1800	-5.4	
13.0	1850	-5.4	
12.9	1900	-5.5	
12.9	1950	-5.5	
12.8	2000	-5.6	
12.7	2050	-5.7	
12.7	2100	-5.7	
12.7	2150	-5.7	
12.7	2200	-5.7	
12.8	2250	-5.6	
12.8	2300	-5.6	
12.8	2350	-5.6	
12.8	2400	-5.6	
12.8	2450	-5.6	
13.0	2500	-5.4	
12.8	2550	-5.6	
12.7	2600	-5.7	
12.6	2650	-5.8	
12.4	2700	-6.0	
12.3	2750	-6.1	
12.6	2800	-5.8	
12.3	2850	-6.1	
12.5	2900	-5.9	
12.6	2950	-5.8	
12.5	3000	-5.9	
12.5	3050	-5.9	
12.8	3100	-5.6	
12.9	3150	-5.5	
13.0	3200	-5.4	
13.3	3250	-5.1	
13.4	3300	-5.0	
13.4	3350	-5.0	
12.9	3400	-5.5	
13.2	3450	-5.2	
13.4	3500	-5.0	
13.5	3550	-4.9	
13.5	3600	-4.9	
12.7	3650	-5.7	
13.5	3700	-4.9	
13.6	3750	-4.8	
13.6	3800	-4.8	
13.1	3850	-5.3	
13.6	3900	-4.8	
13.8	3950	-4.6	
13.9	4000	-4.5	
14.0	4050	-4.4	
14.0	4100	-4.4	
13.6	4150	-4.8	
13.8	4200	-4.6	

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

14.0	4250	-4.4	
13.9	4300	-4.5	
14.1	4350	-4.3	
14.1	4400	-4.3	
14.1	4450	-4.3	
14.4	4500	-4.0	
14.4	4550	-4.0	
14.4	4600	-4.0	
14.5	4650	-3.9	
14.5	4700	-3.9	
14.4	4750	-4.0	
14.4	4800	-4.0	
14.2	4850	-4.2	
14.2	4900	-4.2	
14.2	4950	-4.2	
14.4	5000	-4.0	
14.5	5050	-3.9	
14.6	5100	-3.8	
14.7	5150	-3.7	
14.8	5200	-3.6	
15.1	5250	-3.3	
15.4	5300	-3.0	
15.5	5350	-2.9	
15.3	5400	-3.1	
15.6	5450	-2.8	
15.6	5500	-2.8	
15.6	5550	-2.8	
15.7	5600	-2.7	
15.7	5650	-2.7	
15.8	5700	-2.6	
15.8	5750	-2.6	
16.0	5800	-2.4	
16.1	5850	-2.3	
16.3	5900	-2.1	
16.3	5950	-2.1	
16.6	6000	-1.8	
16.8	6050	-1.6	
16.9	6100	-1.5	
16.9	6150	-1.5	
17.2	6200	-1.2	
17.1	6250	-1.3	
17.2	6300	-1.2	
17.3	6350	-1.1	
17.6	6400	-0.8	
17.6	6450	-0.8	
17.7	6500	-0.7	
17.7	6550	-0.7	
17.7	6600	-0.7	
17.7	6650	-0.7	
18.0	6700	-0.4	
17.9	6750	-0.5	
18.1	6800	-0.3	

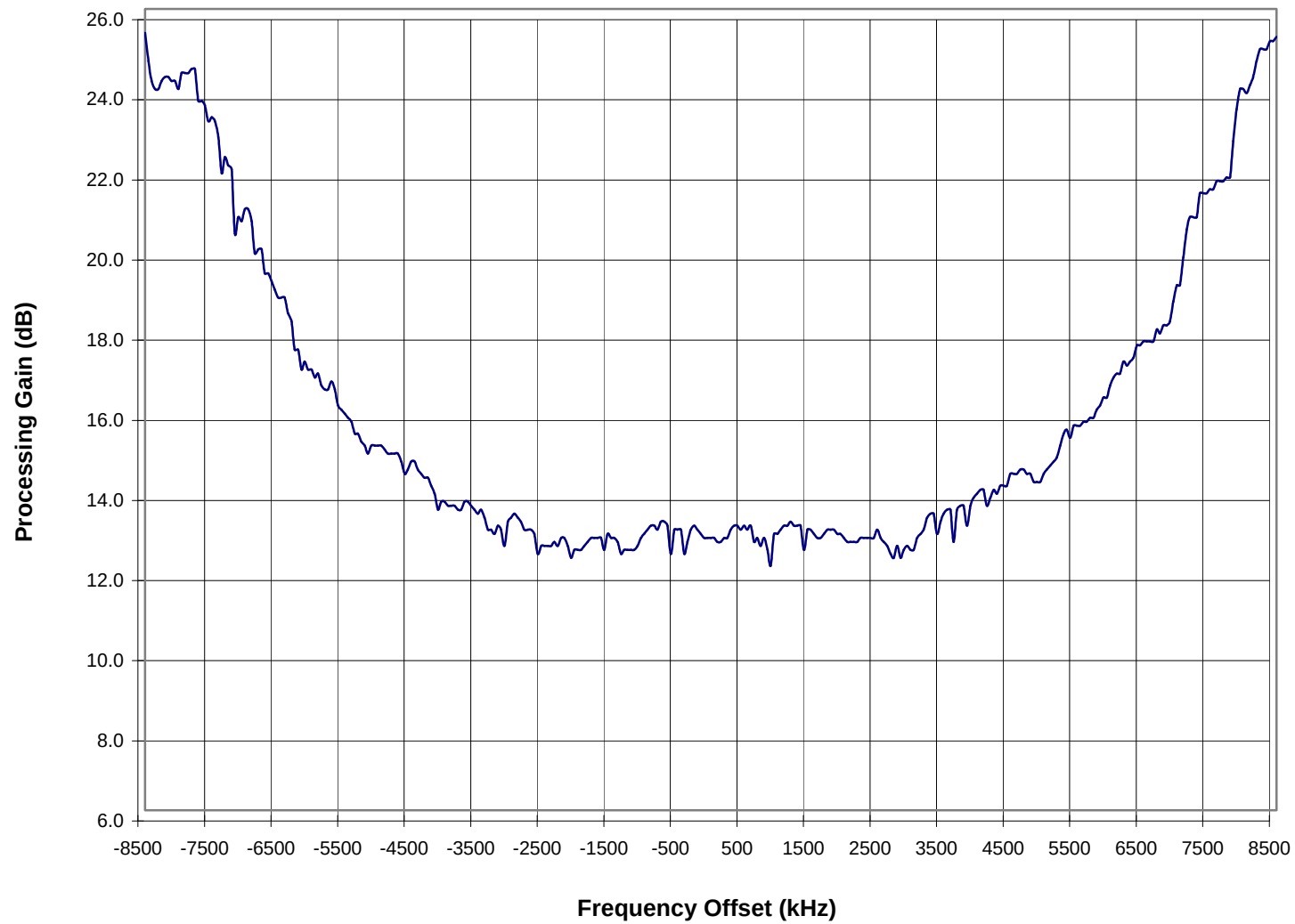
ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

18.1	6850	-0.3	
18.2	6900	-0.2	
18.7	6950	0.3	
19.1	7000	0.7	
19.1	7050	0.7	
19.8	7100	1.4	
20.5	7150	2.1	
20.8	7200	2.4	
20.8	7250	2.4	
20.8	7300	2.4	
21.4	7350	3.0	
21.4	7400	3.0	
21.4	7450	3.0	
21.5	7500	3.1	
21.5	7550	3.1	
21.7	7600	3.3	
21.7	7650	3.3	
21.7	7700	3.3	
21.8	7750	3.4	
21.8	7800	3.4	
22.7	7850	4.3	
23.5	7900	5.1	
24.0	7950	5.6	
24.0	8000	5.6	
23.9	8050	5.5	
24.1	8100	5.7	
24.3	8150	5.9	
24.7	8200	6.3	
25.0	8250	6.6	
25.0	8300	6.6	
25.0	8350	6.6	
25.2	8400	6.8	
25.2	8450	6.8	
25.3	8500	6.9	
12.8	Processing Gain (dB) @ 80th Percentile =		

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



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	22.6	16.4	4.2	2.0	-58.7	<=8.0
2403.55	22.3	16.4	3.9	2.0	-59.0	<=8.0
2403.60	22.2	16.4	3.8	2.0	-59.1	<=8.0
2403.65	22.0	16.4	3.6	2.0	-59.3	<=8.0
2403.70	21.7	16.4	3.3	2.0	-59.6	<=8.0
2403.75	21.1	16.4	2.7	2.0	-60.2	<=8.0
2403.80	20.8	16.4	2.4	2.0	-60.5	<=8.0
2403.85	20.7	16.4	2.3	2.0	-60.6	<=8.0
2403.90	23.2	16.4	4.8	2.0	-58.1	<=8.0
2403.95	20.8	16.4	2.4	2.0	-60.5	<=8.0
2404.00	22.5	16.4	4.1	2.0	-58.8	<=8.0
2404.05	23.8	16.4	5.4	2.0	-57.5	<=8.0
2404.10	23.9	16.4	5.5	2.0	-57.4	<=8.0
2404.15	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.20	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.25	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.30	23.6	16.4	5.2	2.0	-57.7	<=8.0
2404.35	23.6	16.4	5.2	2.0	-57.7	<=8.0
2404.40	23.2	16.4	4.8	2.0	-58.1	<=8.0
2404.45	23.1	16.4	4.7	2.0	-58.2	<=8.0
2404.50	23.1	16.4	4.7	2.0	-58.2	<=8.0
2404.55	22.8	16.4	4.4	2.0	-58.5	<=8.0
2404.60	22.1	16.4	3.7	2.0	-59.2	<=8.0
2404.65	21.5	16.4	3.1	2.0	-59.8	<=8.0
2404.70	21.8	16.4	3.4	2.0	-59.5	<=8.0
2404.75	21.6	16.4	3.2	2.0	-59.7	<=8.0
2404.80	21.6	16.4	3.2	2.0	-59.7	<=8.0
2404.85	20.3	16.4	1.9	2.0	-61.0	<=8.0
2404.90	20.3	16.4	1.9	2.0	-61.0	<=8.0
2404.95	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.00	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.05	20.6	16.4	2.2	2.0	-60.7	<=8.0
2405.10	20.6	16.4	2.2	2.0	-60.7	<=8.0
2405.15	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.20	19.9	16.4	1.5	2.0	-61.4	<=8.0
2405.25	19.8	16.4	1.4	2.0	-61.5	<=8.0
2405.30	19.8	16.4	1.4	2.0	-61.5	<=8.0
2405.35	19.2	16.4	0.8	2.0	-62.1	<=8.0
2405.40	19.2	16.4	0.8	2.0	-62.1	<=8.0
2405.45	18.9	16.4	0.5	2.0	-62.4	<=8.0
2405.50	18.7	16.4	0.3	2.0	-62.6	<=8.0
2405.55	18.5	16.4	0.1	2.0	-62.8	<=8.0
2405.60	18.5	16.4	0.1	2.0	-62.8	<=8.0
2405.65	18.5	16.4	0.1	2.0	-62.8	<=8.0
2405.70	18.2	16.4	-0.2	2.0	-63.1	<=8.0
2405.75	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2405.80	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2405.85	17.1	16.4	-1.3	2.0	-64.2	<=8.0

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	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2405.95	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2406.00	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2406.05	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2406.10	16.6	16.4	-1.8	2.0	-64.7	<=8.0
2406.15	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.20	16.1	16.4	-2.3	2.0	-65.2	<=8.0
2406.25	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.30	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.35	16.1	16.4	-2.3	2.0	-65.2	<=8.0
2406.40	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2406.45	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2406.50	15.6	16.4	-2.8	2.0	-65.7	<=8.0
2406.55	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2406.60	15.3	16.4	-3.1	2.0	-66.0	<=8.0
2406.65	15.1	16.4	-3.3	2.0	-66.2	<=8.0
2406.70	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2406.75	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2406.80	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2406.85	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2406.90	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2406.95	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2407.00	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2407.05	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.10	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.15	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.20	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.25	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2407.30	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2407.35	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2407.40	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.45	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.50	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.55	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.60	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2407.65	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2407.70	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2407.75	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2407.80	14.0	16.4	-4.4	2.0	-67.3	<=8.0
2407.85	13.7	16.4	-4.7	2.0	-67.6	<=8.0
2407.90	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2407.95	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.00	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.05	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.10	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.15	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.20	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2408.25	13.5	16.4	-4.9	2.0	-67.8	<=8.0

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	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.35	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.40	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2408.45	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.50	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.55	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.60	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2408.65	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.70	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.75	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.85	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.90	12.2	16.4	-6.2	2.0	-69.1	<=8.0
2408.95	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2409.00	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2409.05	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.10	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.15	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.20	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2409.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2409.30	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2409.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2409.40	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2409.45	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.55	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.65	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.70	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.75	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.80	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2409.90	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2409.95	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.00	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.05	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.10	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.15	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.20	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.25	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.30	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.35	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.40	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2410.45	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2410.55	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2410.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.65	12.2	16.4	-6.2	2.0	-69.1	<=8.0

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	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.75	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.80	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.90	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.95	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2411.00	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.10	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.15	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.20	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.30	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2411.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.40	12.2	16.4	-6.2	2.0	-69.1	<=8.0
2411.45	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.55	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2411.60	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2411.65	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2411.70	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.75	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.85	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.90	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2411.95	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.00	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.05	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.10	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.15	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.20	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.25	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2412.30	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2412.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.40	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2412.45	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.50	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.55	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.60	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2412.65	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2412.70	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2412.75	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2412.80	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.90	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2412.95	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2413.00	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2413.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0

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	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.15	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.20	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2413.30	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2413.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.40	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2413.45	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.50	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.55	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2413.65	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2413.70	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2413.75	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.80	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.85	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.90	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2413.95	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2414.00	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.05	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.10	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.15	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.20	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.30	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.35	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.40	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.45	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.50	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2414.55	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.60	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.65	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.70	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2414.75	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2414.85	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.90	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.95	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.00	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.10	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2415.15	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2415.20	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2415.25	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.30	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.35	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.40	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2415.45	13.0	16.4	-5.4	2.0	-68.3	<=8.0

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	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.55	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.60	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.65	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2415.70	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.75	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2415.80	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2415.85	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2415.90	13.7	16.4	-4.7	2.0	-67.6	<=8.0
2415.95	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2416.00	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2416.05	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2416.10	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.15	14.0	16.4	-4.4	2.0	-67.3	<=8.0
2416.20	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2416.25	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2416.30	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.35	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.40	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.45	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2416.50	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2416.55	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.60	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.65	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2416.70	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.75	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.80	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2416.85	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.90	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.95	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2417.00	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2417.05	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2417.10	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2417.15	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2417.20	15.1	16.4	-3.3	2.0	-66.2	<=8.0
2417.25	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2417.30	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2417.35	15.7	16.4	-2.7	2.0	-65.6	<=8.0
2417.40	15.5	16.4	-2.9	2.0	-65.8	<=8.0
2417.45	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2417.50	15.9	16.4	-2.5	2.0	-65.4	<=8.0
2417.55	15.9	16.4	-2.5	2.0	-65.4	<=8.0
2417.60	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.65	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.70	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.75	16.2	16.4	-2.2	2.0	-65.1	<=8.0
2417.80	16.2	16.4	-2.2	2.0	-65.1	<=8.0
2417.85	16.3	16.4	-2.1	2.0	-65.0	<=8.0

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	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2417.95	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2418.00	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2418.05	16.9	16.4	-1.5	2.0	-64.4	<=8.0
2418.10	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.15	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.20	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.25	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.30	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.35	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.40	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.45	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.50	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2418.55	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2418.60	17.6	16.4	-0.8	2.0	-63.7	<=8.0
2418.65	17.7	16.4	-0.7	2.0	-63.6	<=8.0
2418.70	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2418.75	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.80	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.85	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.90	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2418.95	18.1	16.4	-0.3	2.0	-63.2	<=8.0
2419.00	18.3	16.4	-0.1	2.0	-63.0	<=8.0
2419.05	18.7	16.4	0.3	2.0	-62.6	<=8.0
2419.10	19.3	16.4	0.9	2.0	-62.0	<=8.0
2419.15	20.1	16.4	1.7	2.0	-61.2	<=8.0
2419.20	20.7	16.4	2.3	2.0	-60.6	<=8.0
2419.25	21.1	16.4	2.7	2.0	-60.2	<=8.0
2419.30	21.2	16.4	2.8	2.0	-60.1	<=8.0
2419.35	21.6	16.4	3.2	2.0	-59.7	<=8.0
2419.40	21.9	16.4	3.5	2.0	-59.4	<=8.0
2419.45	22.3	16.4	3.9	2.0	-59.0	<=8.0
2419.50	22.4	16.4	4.0	2.0	-58.9	<=8.0
2419.55	22.6	16.4	4.2	2.0	-58.7	<=8.0
2419.60	23.1	16.4	4.7	2.0	-58.2	<=8.0
2419.65	23.3	16.4	4.9	2.0	-58.0	<=8.0
2419.70	23.5	16.4	5.1	2.0	-57.8	<=8.0
2419.75	23.8	16.4	5.4	2.0	-57.5	<=8.0
2419.80	23.8	16.4	5.4	2.0	-57.5	<=8.0
2419.85	23.9	16.4	5.5	2.0	-57.4	<=8.0
2419.90	23.9	16.4	5.5	2.0	-57.4	<=8.0
2419.95	24.0	16.4	5.6	2.0	-57.3	<=8.0
2420.00	24.5	16.4	6.1	2.0	-56.8	<=8.0
2420.05	25.2	16.4	6.8	2.0	-56.1	<=8.0
2420.10	25.3	16.4	6.9	2.0	-56.0	<=8.0
2420.15	25.3	16.4	6.9	2.0	-56.0	<=8.0
2420.20	25.4	16.4	7.0	2.0	-55.9	<=8.0
2420.25	25.7	16.4	7.3	2.0	-55.6	<=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)	(%)
2420.30	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.35	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.40	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.45	26.0	16.4	7.6	2.0	-55.3	<=8.0
2420.50	25.8	16.4	7.4	2.0	-55.5	<=8.0

12.8

Test Conditions

TX Card **HWB3163-04 Rev B**S/N **99360038**RX Card **ISL37400M Rev A**S/N **00500038**TX Firmware **P10002C0, MS11168A3**RX Firmware **ID010000, PK010001, SF010000**Software Ver. **3.0.24**Mode **11 MB Pseudo IBSS**Pkt Size **1024**Pkt Dly **1**Pkt Burst **6**Intersil Chips on Card: **ISL3984****ISL3685****HFA3783**

Processing Gain (dB)	XMIT level	-62.9
	S/N+Ls	18.4
	Conversion	0.0
PG	offset	Signal Generator Delta
22.6	-8500	4.2
22.3	-8450	3.9
22.2	-8400	3.8
22.0	-8350	3.6
21.7	-8300	3.3
21.1	-8250	2.7
20.8	-8200	2.4
20.7	-8150	2.3
23.2	-8100	4.8
20.8	-8050	2.4
22.5	-8000	4.1
23.8	-7950	5.4
23.9	-7900	5.5
24.2	-7850	5.8
24.2	-7800	5.8
24.2	-7750	5.8
23.6	-7700	5.2
23.6	-7650	5.2
23.2	-7600	4.8
23.1	-7550	4.7
23.1	-7500	4.7
22.8	-7450	4.4
22.1	-7400	3.7
21.5	-7350	3.1
21.8	-7300	3.4
21.6	-7250	3.2
21.6	-7200	3.2
20.3	-7150	1.9
20.3	-7100	1.9
20.4	-7050	2.0
20.4	-7000	2.0
20.6	-6950	2.2
20.6	-6900	2.2
20.4	-6850	2.0
19.9	-6800	1.5
19.8	-6750	1.4
19.8	-6700	1.4
19.2	-6650	0.8
19.2	-6600	0.8
18.9	-6550	0.5
18.7	-6500	0.3
18.5	-6450	0.1
18.5	-6400	0.1
18.5	-6350	0.1
18.2	-6300	-0.2
17.9	-6250	-0.5
17.5	-6200	-0.9

17.1	-6150	-1.3
16.8	-6100	-1.6
16.8	-6050	-1.6
16.8	-6000	-1.6
16.7	-5950	-1.7
16.6	-5900	-1.8
16.3	-5850	-2.1
16.1	-5800	-2.3
16.3	-5750	-2.1
16.3	-5700	-2.1
16.1	-5650	-2.3
15.8	-5600	-2.6
15.8	-5550	-2.6
15.6	-5500	-2.8
15.4	-5450	-3.0
15.3	-5400	-3.1
15.1	-5350	-3.3
15.0	-5300	-3.4
15.0	-5250	-3.4
14.8	-5200	-3.6
14.8	-5150	-3.6
14.9	-5100	-3.5
14.9	-5050	-3.5
14.9	-5000	-3.5
14.8	-4950	-3.6
14.8	-4900	-3.6
14.8	-4850	-3.6
14.8	-4800	-3.6
14.7	-4750	-3.7
14.7	-4700	-3.7
14.6	-4650	-3.8
14.5	-4600	-3.9
14.5	-4550	-3.9
14.5	-4500	-3.9
14.5	-4450	-3.9
14.3	-4400	-4.1
14.4	-4350	-4.0
14.2	-4300	-4.2
14.1	-4250	-4.3
14.0	-4200	-4.4
13.7	-4150	-4.7
13.5	-4100	-4.9
13.5	-4050	-4.9
13.4	-4000	-5.0
13.4	-3950	-5.0
13.4	-3900	-5.0
13.4	-3850	-5.0
13.3	-3800	-5.1
13.5	-3750	-4.9
13.5	-3700	-4.9
13.5	-3650	-4.9
13.3	-3600	-5.1

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

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

13.1	1650	-5.3
13.3	1700	-5.1
13.4	1750	-5.0
13.4	1800	-5.0
13.4	1850	-5.0
13.3	1900	-5.1
13.3	1950	-5.1
13.1	2000	-5.3
13.0	2050	-5.4
13.0	2100	-5.4
12.9	2150	-5.5
12.9	2200	-5.5
12.9	2250	-5.5
13.0	2300	-5.4
13.0	2350	-5.4
13.1	2400	-5.3
13.1	2450	-5.3
13.3	2500	-5.1
13.1	2550	-5.3
13.0	2600	-5.4
12.9	2650	-5.5
12.7	2700	-5.7
12.6	2750	-5.8
12.8	2800	-5.6
12.6	2850	-5.8
12.6	2900	-5.8
12.8	2950	-5.6
12.8	3000	-5.6
12.8	3050	-5.6
13.0	3100	-5.4
13.2	3150	-5.2
13.2	3200	-5.2
13.5	3250	-4.9
13.5	3300	-4.9
13.5	3350	-4.9
13.1	3400	-5.3
13.0	3450	-5.4
13.5	3500	-4.9
13.6	3550	-4.8
13.6	3600	-4.8
12.7	3650	-5.7
13.6	3700	-4.8
13.8	3750	-4.6
13.8	3800	-4.6
13.4	3850	-5.0
13.7	3900	-4.7
13.8	3950	-4.6
14.1	4000	-4.3
14.1	4050	-4.3
14.2	4100	-4.2
14.0	4150	-4.4
14.1	4200	-4.3

14.3	4250	-4.1
14.2	4300	-4.2
14.4	4350	-4.0
14.2	4400	-4.2
14.3	4450	-4.1
14.5	4500	-3.9
14.7	4550	-3.7
14.7	4600	-3.7
14.8	4650	-3.6
14.7	4700	-3.7
14.7	4750	-3.7
14.6	4800	-3.8
14.4	4850	-4.0
14.4	4900	-4.0
14.4	4950	-4.0
14.6	5000	-3.8
14.8	5050	-3.6
14.8	5100	-3.6
15.0	5150	-3.4
15.1	5200	-3.3
15.4	5250	-3.0
15.4	5300	-3.0
15.7	5350	-2.7
15.5	5400	-2.9
15.8	5450	-2.6
15.9	5500	-2.5
15.9	5550	-2.5
16.0	5600	-2.4
16.0	5650	-2.4
16.0	5700	-2.4
16.2	5750	-2.2
16.2	5800	-2.2
16.3	5850	-2.1
16.7	5900	-1.7
16.7	5950	-1.7
16.8	6000	-1.6
16.9	6050	-1.5
17.2	6100	-1.2
17.2	6150	-1.2
17.2	6200	-1.2
17.2	6250	-1.2
17.4	6300	-1.0
17.4	6350	-1.0
17.4	6400	-1.0
17.4	6450	-1.0
17.5	6500	-0.9
17.5	6550	-0.9
17.6	6600	-0.8
17.7	6650	-0.7
17.9	6700	-0.5
18.0	6750	-0.4
18.0	6800	-0.4

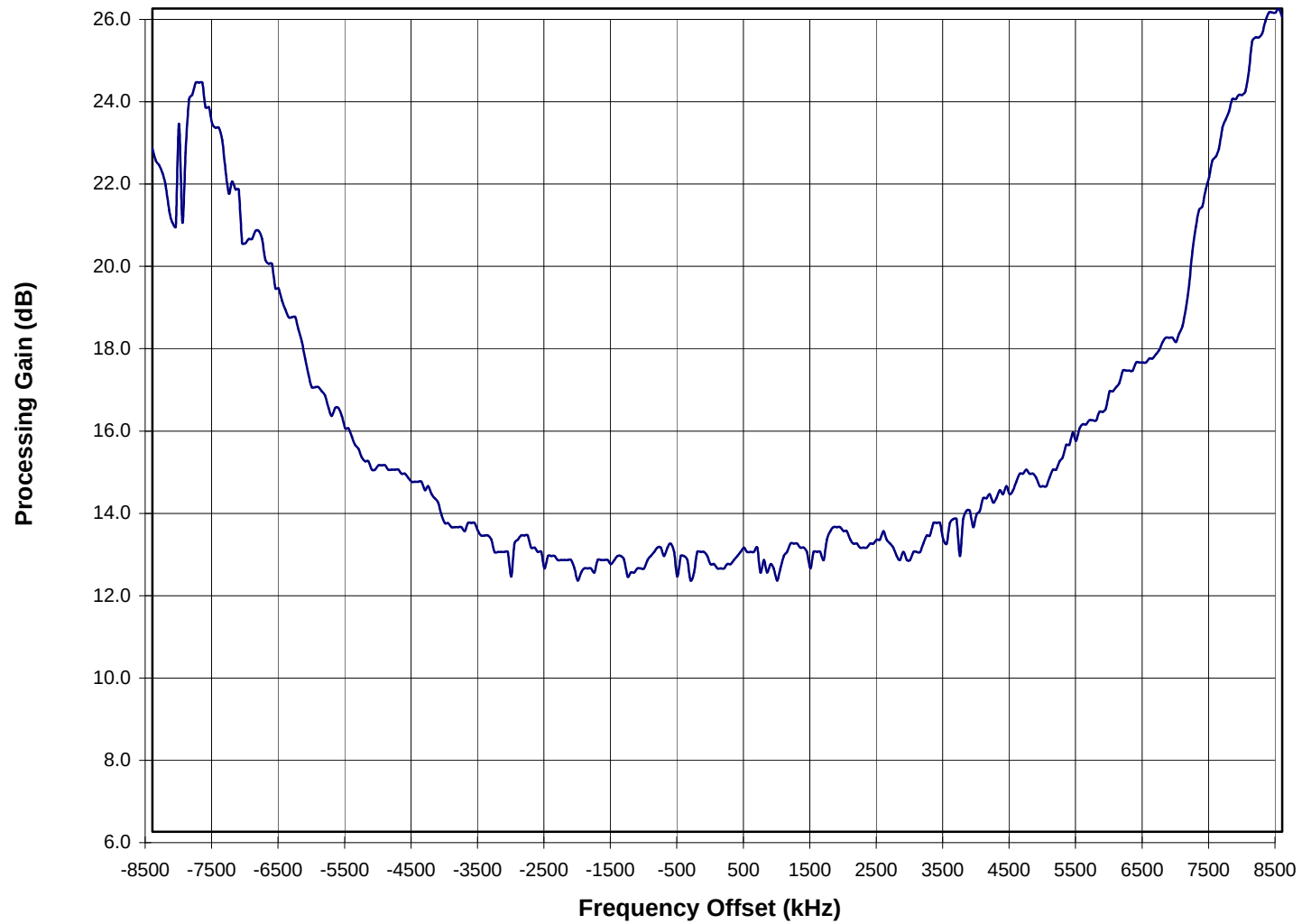
ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

18.0	6850	-0.4
17.9	6900	-0.5
18.1	6950	-0.3
18.3	7000	-0.1
18.7	7050	0.3
19.3	7100	0.9
20.1	7150	1.7
20.7	7200	2.3
21.1	7250	2.7
21.2	7300	2.8
21.6	7350	3.2
21.9	7400	3.5
22.3	7450	3.9
22.4	7500	4.0
22.6	7550	4.2
23.1	7600	4.7
23.3	7650	4.9
23.5	7700	5.1
23.8	7750	5.4
23.8	7800	5.4
23.9	7850	5.5
23.9	7900	5.5
24.0	7950	5.6
24.5	8000	6.1
25.2	8050	6.8
25.3	8100	6.9
25.3	8150	6.9
25.4	8200	7.0
25.7	8250	7.3
25.9	8300	7.5
25.9	8350	7.5
25.9	8400	7.5
26.0	8450	7.6
25.8	8500	7.4
12.8	Processing Gain (dB) @ 80th Percentile =	

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



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

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

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

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

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

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

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

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

13.4

Test Conditions

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

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

Processing Gain (dB)	XMIT level	-62.1	
	S/N+Ls	15.4	
	0dB J/S	0.0	
PG	Offset	Signal Generator Delta	
22.1	-8500	6.7	
21.5	-8450	6.1	
20.9	-8400	5.5	
20.8	-8350	5.4	
20.8	-8300	5.4	
20.8	-8250	5.4	
20.9	-8200	5.5	
21.2	-8150	5.8	
21.2	-8100	5.8	
21.0	-8050	5.6	
21.0	-8000	5.6	
21.2	-7950	5.8	
21.2	-7900	5.8	
21.3	-7850	5.9	
21.4	-7800	6.0	
21.7	-7750	6.3	
21.9	-7700	6.5	
21.9	-7650	6.5	
22.0	-7600	6.6	
21.6	-7550	6.2	
20.8	-7500	5.4	
20.2	-7450	4.8	
19.7	-7400	4.3	
19.6	-7350	4.2	
19.6	-7300	4.2	
19.5	-7250	4.1	
20.1	-7200	4.7	
20.1	-7150	4.7	
20.1	-7100	4.7	
19.9	-7050	4.5	
20.1	-7000	4.7	
20.2	-6950	4.8	
20.1	-6900	4.7	
20.3	-6850	4.9	
20.5	-6800	5.1	
20.7	-6750	5.3	
20.3	-6700	4.9	
20.3	-6650	4.9	
20.3	-6600	4.9	
20.3	-6550	4.9	
20.2	-6500	4.8	
19.8	-6450	4.4	
19.0	-6400	3.6	
18.8	-6350	3.4	
18.7	-6300	3.3	
18.9	-6250	3.5	
19.0	-6200	3.6	

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

Processing Gain 802UI

Measured by:
S. Rothwell

18.8	-6150	3.4	
18.6	-6100	3.2	
17.2	-6050	1.8	
18.2	-6000	2.8	
18.3	-5950	2.9	
17.5	-5900	2.1	
17.4	-5850	2.0	
17.3	-5800	1.9	
17.9	-5750	2.5	
17.8	-5700	2.4	
17.8	-5650	2.4	
18.0	-5600	2.6	
18.0	-5550	2.6	
18.2	-5500	2.8	
18.3	-5450	2.9	
18.3	-5400	2.9	
18.2	-5350	2.8	
18.0	-5300	2.6	
17.7	-5250	2.3	
17.3	-5200	1.9	
17.0	-5150	1.6	
16.9	-5100	1.5	
16.6	-5050	1.2	
16.5	-5000	1.1	
16.5	-4950	1.1	
16.1	-4900	0.7	
15.4	-4850	0.0	
16.4	-4800	1.0	
16.6	-4750	1.2	
16.5	-4700	1.1	
16.3	-4650	0.9	
16.6	-4600	1.2	
16.8	-4550	1.4	
17.0	-4500	1.6	
17.0	-4450	1.6	
17.0	-4400	1.6	
16.8	-4350	1.4	
16.4	-4300	1.0	
16.2	-4250	0.8	
15.8	-4200	0.4	
15.2	-4150	-0.2	
14.8	-4100	-0.6	
14.3	-4050	-1.1	
14.6	-4000	-0.8	
14.6	-3950	-0.8	
13.9	-3900	-1.5	
13.7	-3850	-1.7	
13.7	-3800	-1.7	
14.8	-3750	-0.6	
14.0	-3700	-1.4	
14.4	-3650	-1.0	
14.6	-3600	-0.8	

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

Processing Gain 802UI

Measured by:
S. Rothwell

15.2	-3550	-0.2	
15.4	-3500	0.0	
15.4	-3450	0.0	
15.4	-3400	0.0	
15.1	-3350	-0.3	
15.0	-3300	-0.4	
14.7	-3250	-0.7	
14.5	-3200	-0.9	
14.2	-3150	-1.2	
14.2	-3100	-1.2	
14.0	-3050	-1.4	
14.0	-3000	-1.4	
14.0	-2950	-1.4	
13.7	-2900	-1.7	
12.3	-2850	-3.1	
13.5	-2800	-1.9	
13.5	-2750	-1.9	
13.5	-2700	-1.9	
13.5	-2650	-1.9	
13.4	-2600	-2.0	
13.4	-2550	-2.0	
13.3	-2500	-2.1	
13.2	-2450	-2.2	
13.2	-2400	-2.2	
13.2	-2350	-2.2	
13.2	-2300	-2.2	
13.2	-2250	-2.2	
13.4	-2200	-2.0	
13.4	-2150	-2.0	
13.6	-2100	-1.8	
13.6	-2050	-1.8	
13.8	-2000	-1.6	
14.0	-1950	-1.4	
13.4	-1900	-2.0	
12.9	-1850	-2.5	
14.0	-1800	-1.4	
14.5	-1750	-0.9	
13.5	-1700	-1.9	
13.5	-1650	-1.9	
13.8	-1600	-1.6	
13.7	-1550	-1.7	
13.7	-1500	-1.7	
13.5	-1450	-1.9	
13.3	-1400	-2.1	
13.2	-1350	-2.2	
13.1	-1300	-2.3	
13.1	-1250	-2.3	
13.1	-1200	-2.3	
13.1	-1150	-2.3	
13.1	-1100	-2.3	
13.3	-1050	-2.1	
13.1	-1000	-2.3	

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

Processing Gain 802UI

Measured by:
S. Rothwell

13.8	-950	-1.6	
12.6	-900	-2.8	
12.6	-850	-2.8	
14.0	-800	-1.4	
14.2	-750	-1.2	
14.0	-700	-1.4	
13.8	-650	-1.6	
13.6	-600	-1.8	
13.4	-550	-2.0	
13.2	-500	-2.2	
12.9	-450	-2.5	
12.9	-400	-2.5	
12.8	-350	-2.6	
12.9	-300	-2.5	
12.9	-250	-2.5	
13.0	-200	-2.4	
12.9	-150	-2.5	
13.1	-100	-2.3	
13.4	-50	-2.0	
13.6	0	-1.8	
13.8	50	-1.6	
14.2	100	-1.2	
14.2	150	-1.2	
14.1	200	-1.3	
13.6	250	-1.8	
13.6	300	-1.8	
13.5	350	-1.9	
13.4	400	-2.0	
13.2	450	-2.2	
13.1	500	-2.3	
13.1	550	-2.3	
13.0	600	-2.4	
13.0	650	-2.4	
13.0	700	-2.4	
13.0	750	-2.4	
13.0	800	-2.4	
13.2	850	-2.2	
13.3	900	-2.1	
12.1	950	-3.3	
14.0	1000	-1.4	
14.2	1050	-1.2	
13.8	1100	-1.6	
13.8	1150	-1.6	
12.3	1200	-3.1	
13.9	1250	-1.5	
13.6	1300	-1.8	
13.7	1350	-1.7	
13.7	1400	-1.7	
13.5	1450	-1.9	
13.5	1500	-1.9	
13.3	1550	-2.1	
13.3	1600	-2.1	

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

Processing Gain 802UI

Measured by:
S. Rothwell

13.4	1650	-2.0	
13.6	1700	-1.8	
13.8	1750	-1.6	
13.8	1800	-1.6	
14.1	1850	-1.3	
14.3	1900	-1.1	
14.2	1950	-1.2	
14.0	2000	-1.4	
14.5	2050	-0.9	
13.1	2100	-2.3	
13.0	2150	-2.4	
13.6	2200	-1.8	
14.1	2250	-1.3	
13.3	2300	-2.1	
13.3	2350	-2.1	
13.9	2400	-1.5	
13.7	2450	-1.7	
13.4	2500	-2.0	
13.4	2550	-2.0	
13.4	2600	-2.0	
13.4	2650	-2.0	
13.2	2700	-2.2	
13.2	2750	-2.2	
13.2	2800	-2.2	
13.2	2850	-2.2	
13.2	2900	-2.2	
12.1	2950	-3.3	
12.6	3000	-2.8	
12.6	3050	-2.8	
13.2	3100	-2.2	
12.2	3150	-3.2	
13.3	3200	-2.1	
13.3	3250	-2.1	
13.3	3300	-2.1	
14.1	3350	-1.3	
14.7	3400	-0.7	
14.7	3450	-0.7	
15.2	3500	-0.2	
15.2	3550	-0.2	
15.2	3600	-0.2	
15.2	3650	-0.2	
15.2	3700	-0.2	
15.2	3750	-0.2	
15.2	3800	-0.2	
15.2	3850	-0.2	
15.2	3900	-0.2	
15.1	3950	-0.3	
14.9	4000	-0.5	
14.9	4050	-0.5	
13.7	4100	-1.7	
14.7	4150	-0.7	
14.7	4200	-0.7	

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

Processing Gain 802UI

Measured by:
S. Rothwell

15.1	4250	-0.3	
15.0	4300	-0.4	
15.0	4350	-0.4	
14.9	4400	-0.5	
14.9	4450	-0.5	
14.9	4500	-0.5	
14.9	4550	-0.5	
14.9	4600	-0.5	
15.0	4650	-0.4	
15.0	4700	-0.4	
15.0	4750	-0.4	
15.8	4800	0.4	
15.7	4850	0.3	
15.7	4900	0.3	
15.3	4950	-0.1	
15.3	5000	-0.1	
15.3	5050	-0.1	
15.3	5100	-0.1	
15.3	5150	-0.1	
15.7	5200	0.3	
16.4	5250	1.0	
16.5	5300	1.1	
16.5	5350	1.1	
17.3	5400	1.9	
17.2	5450	1.8	
17.2	5500	1.8	
18.3	5550	2.9	
18.5	5600	3.1	
18.5	5650	3.1	
18.6	5700	3.2	
18.6	5750	3.2	
18.5	5800	3.1	
18.3	5850	2.9	
18.3	5900	2.9	
18.0	5950	2.6	
18.0	6000	2.6	
18.0	6050	2.6	
17.9	6100	2.5	
17.7	6150	2.3	
18.0	6200	2.6	
18.0	6250	2.6	
18.0	6300	2.6	
17.9	6350	2.5	
18.2	6400	2.8	
18.1	6450	2.7	
18.1	6500	2.7	
18.1	6550	2.7	
18.1	6600	2.7	
18.2	6650	2.8	
18.2	6700	2.8	
18.2	6750	2.8	
18.1	6800	2.7	

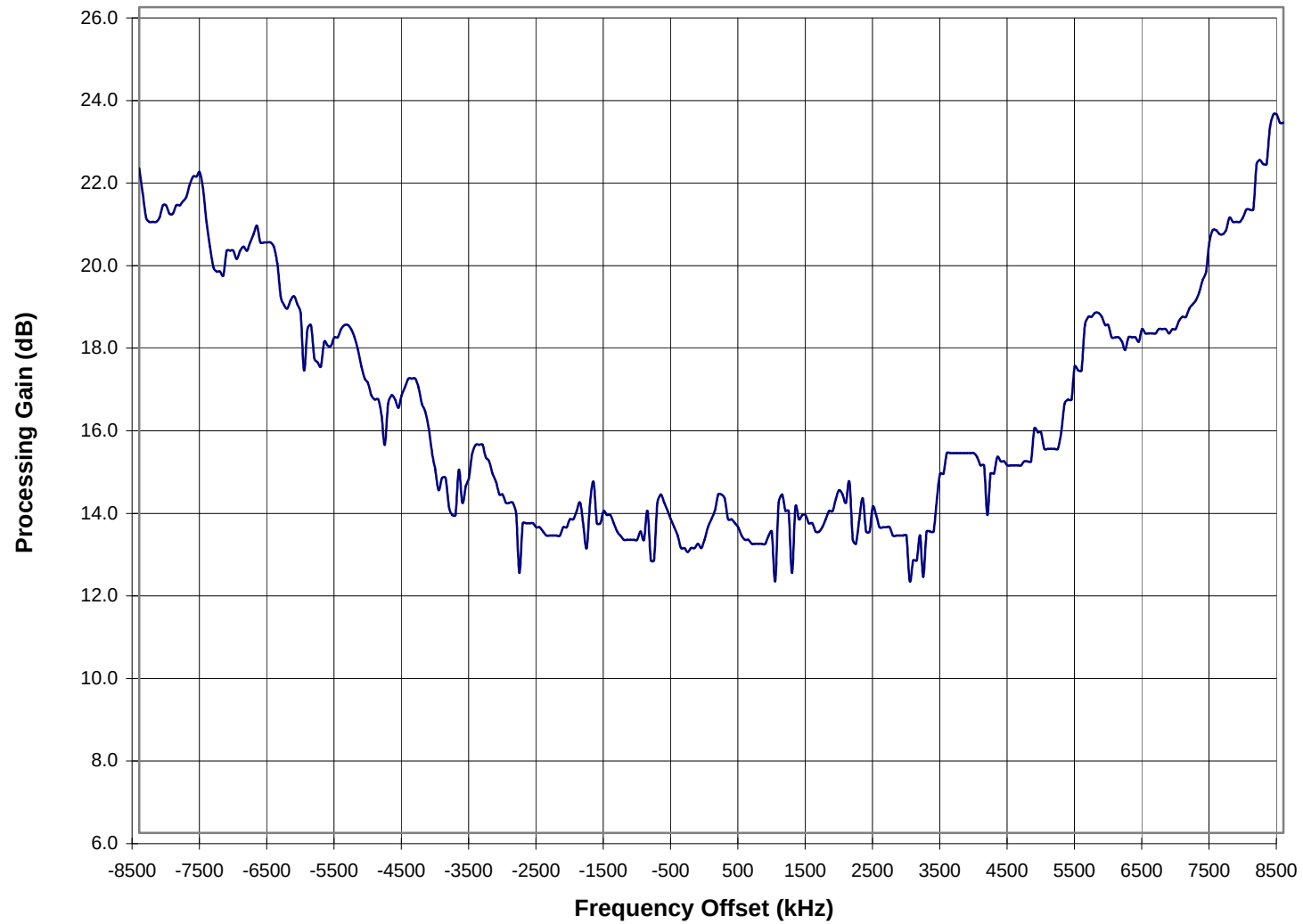
ISL37400M, rev A, s/n 38
CH6 Processing Gain
5.5 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

18.2	6850	2.8	
18.2	6900	2.8	
18.4	6950	3.0	
18.5	7000	3.1	
18.5	7050	3.1	
18.7	7100	3.3	
18.8	7150	3.4	
18.9	7200	3.5	
19.1	7250	3.7	
19.4	7300	4.0	
19.6	7350	4.2	
20.3	7400	4.9	
20.6	7450	5.2	
20.6	7500	5.2	
20.5	7550	5.1	
20.5	7600	5.1	
20.6	7650	5.2	
20.9	7700	5.5	
20.8	7750	5.4	
20.8	7800	5.4	
20.8	7850	5.4	
20.9	7900	5.5	
21.1	7950	5.7	
21.1	8000	5.7	
21.1	8050	5.7	
22.2	8100	6.8	
22.3	8150	6.9	
22.2	8200	6.8	
22.2	8250	6.8	
23.1	8300	7.7	
23.4	8350	8.0	
23.4	8400	8.0	
23.2	8450	7.8	
23.2	8500	7.8	
13.4	Processing Gain (dB) @ 80th Percentile =		

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



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

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

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	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2433.35	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.40	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2433.45	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.50	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.55	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2433.60	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.65	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.70	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.75	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.80	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.85	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2433.90	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2433.95	12.4	13.3	-2.9	2.0	-65.1	<=8.0
2434.00	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2434.05	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2434.10	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.15	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.20	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.25	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2434.30	12.7	13.3	-2.6	2.0	-64.8	<=8.0
2434.35	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2434.40	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2434.45	12.1	13.3	-3.2	2.0	-65.4	<=8.0
2434.50	12.0	13.3	-3.3	2.0	-65.5	<=8.0
2434.55	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.60	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.65	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.70	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.75	12.2	13.3	-3.1	2.0	-65.3	<=8.0
2434.80	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.85	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.90	12.8	13.3	-2.5	2.0	-64.7	<=8.0
2434.95	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.00	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.05	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.10	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.15	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.20	12.5	13.3	-2.8	2.0	-65.0	<=8.0
2435.25	12.6	13.3	-2.7	2.0	-64.9	<=8.0
2435.30	13.2	13.3	-2.1	2.0	-64.3	<=8.0
2435.35	11.6	13.3	-3.7	2.0	-65.9	<=8.0
2435.40	11.9	13.3	-3.4	2.0	-65.6	<=8.0
2435.45	12.0	13.3	-3.3	2.0	-65.5	<=8.0
2435.50	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.55	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.60	12.3	13.3	-3.0	2.0	-65.2	<=8.0
2435.65	12.3	13.3	-3.0	2.0	-65.2	<=8.0

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

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

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

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

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)	(%)
2445.30	22.5	13.3	7.2	2.0	-55.0	<=8.0
2445.35	22.7	13.3	7.4	2.0	-54.8	<=8.0
2445.40	22.8	13.3	7.5	2.0	-54.7	<=8.0
2445.45	22.8	13.3	7.5	2.0	-54.7	<=8.0
2445.50	22.8	13.3	7.5	2.0	-54.7	<=8.0

12.6

Test Conditions

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

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

Processing Gain (dB)	XMIT level	-62.2	
	S/N+Ls	15.3	
	0dB J/S	0.0	
PG	Offset	Signal Generator Delta	
21.7	-8500	6.4	
21.0	-8450	5.7	
20.6	-8400	5.3	
20.0	-8350	4.7	
19.9	-8300	4.6	
19.7	-8250	4.4	
19.5	-8200	4.2	
19.5	-8150	4.2	
19.5	-8100	4.2	
19.5	-8050	4.2	
19.4	-8000	4.1	
19.4	-7950	4.1	
19.3	-7900	4.0	
20.0	-7850	4.7	
20.2	-7800	4.9	
20.2	-7750	4.9	
20.3	-7700	5.0	
20.3	-7650	5.0	
20.3	-7600	5.0	
20.2	-7550	4.9	
20.1	-7500	4.8	
19.4	-7450	4.1	
19.0	-7400	3.7	
18.8	-7350	3.5	
18.8	-7300	3.5	
18.6	-7250	3.3	
18.4	-7200	3.1	
18.4	-7150	3.1	
18.2	-7100	2.9	
18.3	-7050	3.0	
18.4	-7000	3.1	
18.4	-6950	3.1	
18.4	-6900	3.1	
18.4	-6850	3.1	
18.4	-6800	3.1	
18.5	-6750	3.2	
18.5	-6700	3.2	
18.5	-6650	3.2	
18.4	-6600	3.1	
18.4	-6550	3.1	
18.4	-6500	3.1	
18.5	-6450	3.2	
18.3	-6400	3.0	
18.1	-6350	2.8	
17.0	-6300	1.7	
16.6	-6250	1.3	
16.4	-6200	1.1	

16.4	-6150	1.1	
15.1	-6100	-0.2	
15.1	-6050	-0.2	
15.2	-6000	-0.1	
15.2	-5950	-0.1	
15.2	-5900	-0.1	
15.3	-5850	0.0	
15.3	-5800	0.0	
16.3	-5750	1.0	
17.5	-5700	2.2	
17.9	-5650	2.6	
17.9	-5600	2.6	
19.0	-5550	3.7	
20.5	-5500	5.2	
23.0	-5450	7.7	
25.6	-5400	10.3	
25.6	-5350	10.3	
22.1	-5300	6.8	
20.5	-5250	5.2	
18.5	-5200	3.2	
17.4	-5150	2.1	
17.0	-5100	1.7	
16.9	-5050	1.6	
16.9	-5000	1.6	
16.8	-4950	1.5	
16.5	-4900	1.2	
15.2	-4850	-0.1	
15.1	-4800	-0.2	
14.8	-4750	-0.5	
14.8	-4700	-0.5	
13.8	-4650	-1.5	
13.2	-4600	-2.1	
13.2	-4550	-2.1	
13.2	-4500	-2.1	
13.1	-4450	-2.2	
13.2	-4400	-2.1	
12.9	-4350	-2.4	
12.9	-4300	-2.4	
13.0	-4250	-2.3	
13.1	-4200	-2.2	
13.1	-4150	-2.2	
13.1	-4100	-2.2	
13.1	-4050	-2.2	
13.1	-4000	-2.2	
13.1	-3950	-2.2	
13.1	-3900	-2.2	
13.1	-3850	-2.2	
13.0	-3800	-2.3	
13.1	-3750	-2.2	
13.2	-3700	-2.1	
12.5	-3650	-2.8	
12.2	-3600	-3.1	

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

Processing Gain 802UI

Measured by:
S. Rothwell

12.5	-3550	-2.8	
12.5	-3500	-2.8	
12.5	-3450	-2.8	
12.6	-3400	-2.7	
12.6	-3350	-2.7	
12.6	-3300	-2.7	
12.6	-3250	-2.7	
12.6	-3200	-2.7	
12.6	-3150	-2.7	
12.4	-3100	-2.9	
12.4	-3050	-2.9	
12.3	-3000	-3.0	
12.5	-2950	-2.8	
12.6	-2900	-2.7	
12.6	-2850	-2.7	
12.6	-2800	-2.7	
12.6	-2750	-2.7	
12.7	-2700	-2.6	
13.2	-2650	-2.1	
12.1	-2600	-3.2	
12.1	-2550	-3.2	
12.0	-2500	-3.3	
12.2	-2450	-3.1	
12.2	-2400	-3.1	
12.2	-2350	-3.1	
12.2	-2300	-3.1	
12.2	-2250	-3.1	
12.8	-2200	-2.5	
12.8	-2150	-2.5	
12.8	-2100	-2.5	
12.3	-2050	-3.0	
12.3	-2000	-3.0	
12.5	-1950	-2.8	
12.5	-1900	-2.8	
12.5	-1850	-2.8	
12.5	-1800	-2.8	
12.6	-1750	-2.7	
13.2	-1700	-2.1	
11.6	-1650	-3.7	
11.9	-1600	-3.4	
12.0	-1550	-3.3	
12.3	-1500	-3.0	
12.3	-1450	-3.0	
12.3	-1400	-3.0	
12.3	-1350	-3.0	
11.9	-1300	-3.4	
12.3	-1250	-3.0	
12.8	-1200	-2.5	
13.0	-1150	-2.3	
12.4	-1100	-2.9	
13.3	-1050	-2.0	
14.9	-1000	-0.4	

14.9	-950	-0.4	
14.4	-900	-0.9	
14.2	-850	-1.1	
14.1	-800	-1.2	
14.0	-750	-1.3	
14.1	-700	-1.2	
11.2	-650	-4.1	
12.7	-600	-2.6	
12.7	-550	-2.6	
12.2	-500	-3.1	
12.3	-450	-3.0	
12.3	-400	-3.0	
12.3	-350	-3.0	
12.3	-300	-3.0	
12.8	-250	-2.5	
13.0	-200	-2.3	
13.9	-150	-1.4	
16.1	-100	0.8	
17.5	-50	2.2	
21.5	0	6.2	
23.0	50	7.7	
23.8	100	8.5	
23.7	150	8.4	
23.8	200	8.5	
22.3	250	7.0	
20.8	300	5.5	
16.7	350	1.4	
17.7	400	2.4	
17.0	450	1.7	
16.2	500	0.9	
15.6	550	0.3	
14.6	600	-0.7	
14.2	650	-1.1	
11.4	700	-3.9	
13.8	750	-1.5	
13.9	800	-1.4	
13.2	850	-2.1	
11.3	900	-4.0	
12.9	950	-2.4	
12.9	1000	-2.4	
13.5	1050	-1.8	
13.9	1100	-1.4	
13.9	1150	-1.4	
14.0	1200	-1.3	
14.0	1250	-1.3	
14.3	1300	-1.0	
12.6	1350	-2.7	
13.8	1400	-1.5	
14.4	1450	-0.9	
13.8	1500	-1.5	
14.1	1550	-1.2	
14.1	1600	-1.2	

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

Processing Gain 802UI

Measured by:
S. Rothwell

14.1	1650	-1.2	
11.8	1700	-3.5	
13.3	1750	-2.0	
13.3	1800	-2.0	
12.6	1850	-2.7	
11.7	1900	-3.6	
13.0	1950	-2.3	
13.3	2000	-2.0	
13.3	2050	-2.0	
13.5	2100	-1.8	
13.5	2150	-1.8	
13.5	2200	-1.8	
13.5	2250	-1.8	
14.5	2300	-0.8	
12.5	2350	-2.8	
12.4	2400	-2.9	
12.5	2450	-2.8	
13.1	2500	-2.2	
13.1	2550	-2.2	
13.1	2600	-2.2	
13.1	2650	-2.2	
12.1	2700	-3.2	
12.7	2750	-2.6	
12.9	2800	-2.4	
12.9	2850	-2.4	
11.6	2900	-3.7	
11.7	2950	-3.6	
12.1	3000	-3.2	
12.1	3050	-3.2	
12.3	3100	-3.0	
12.3	3150	-3.0	
12.5	3200	-2.8	
13.0	3250	-2.3	
13.3	3300	-2.0	
13.1	3350	-2.2	
13.0	3400	-2.3	
12.9	3450	-2.4	
12.9	3500	-2.4	
13.2	3550	-2.1	
13.2	3600	-2.1	
13.2	3650	-2.1	
12.9	3700	-2.4	
12.9	3750	-2.4	
13.0	3800	-2.3	
13.0	3850	-2.3	
12.3	3900	-3.0	
12.5	3950	-2.8	
12.7	4000	-2.6	
12.7	4050	-2.6	
12.7	4100	-2.6	
12.8	4150	-2.5	
13.5	4200	-1.8	

13.5	4250	-1.8	
13.8	4300	-1.5	
13.8	4350	-1.5	
13.8	4400	-1.5	
13.8	4450	-1.5	
13.8	4500	-1.5	
13.8	4550	-1.5	
13.8	4600	-1.5	
13.7	4650	-1.6	
13.7	4700	-1.6	
13.7	4750	-1.6	
13.7	4800	-1.6	
13.6	4850	-1.7	
12.6	4900	-2.7	
12.6	4950	-2.7	
12.9	5000	-2.4	
13.0	5050	-2.3	
13.2	5100	-2.1	
13.2	5150	-2.1	
14.1	5200	-1.2	
14.1	5250	-1.2	
14.5	5300	-0.8	
16.0	5350	0.7	
16.7	5400	1.4	
19.3	5450	4.0	
21.3	5500	6.0	
23.3	5550	8.0	
25.0	5600	9.7	
25.0	5650	9.7	
25.0	5700	9.7	
24.2	5750	8.9	
22.4	5800	7.1	
20.8	5850	5.5	
18.9	5900	3.6	
18.8	5950	3.5	
18.2	6000	2.9	
18.2	6050	2.9	
17.6	6100	2.3	
17.1	6150	1.8	
16.7	6200	1.4	
16.7	6250	1.4	
16.6	6300	1.3	
16.3	6350	1.0	
15.9	6400	0.6	
15.9	6450	0.6	
15.9	6500	0.6	
16.2	6550	0.9	
16.4	6600	1.1	
16.4	6650	1.1	
16.4	6700	1.1	
16.4	6750	1.1	
17.5	6800	2.2	

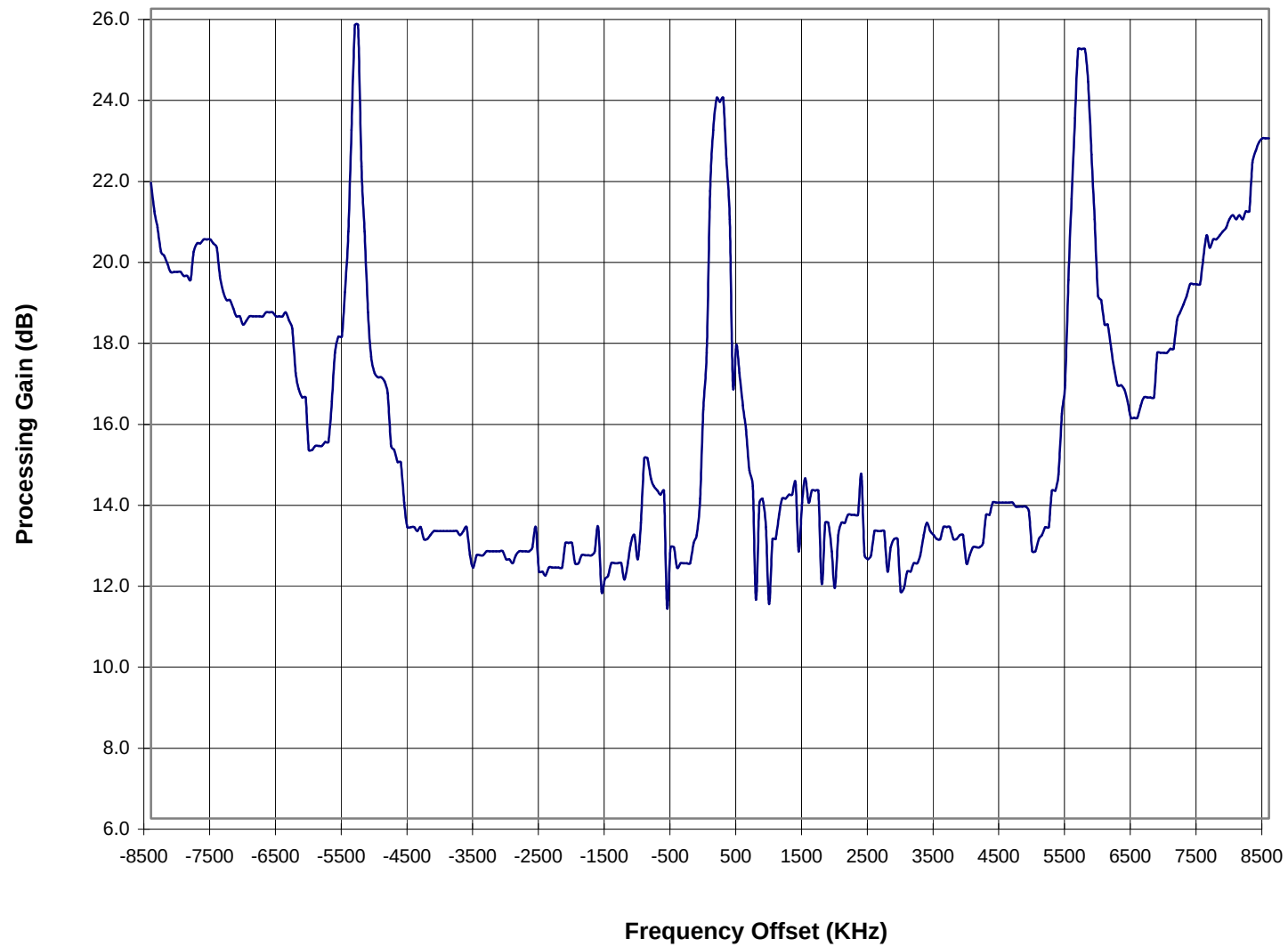
ISL37400M, rev A, s/n 38
CH6 Processing Gain
2 MB Data Rate

Processing Gain 802UI

Measured by:
S. Rothwell

17.5	6850	2.2	
17.5	6900	2.2	
17.5	6950	2.2	
17.6	7000	2.3	
17.6	7050	2.3	
18.3	7100	3.0	
18.5	7150	3.2	
18.7	7200	3.4	
18.9	7250	3.6	
19.2	7300	3.9	
19.2	7350	3.9	
19.2	7400	3.9	
19.2	7450	3.9	
19.8	7500	4.5	
20.4	7550	5.1	
20.1	7600	4.8	
20.3	7650	5.0	
20.3	7700	5.0	
20.4	7750	5.1	
20.5	7800	5.2	
20.6	7850	5.3	
20.8	7900	5.5	
20.9	7950	5.6	
20.8	8000	5.5	
20.9	8050	5.6	
20.8	8100	5.5	
21.0	8150	5.7	
21.0	8200	5.7	
22.2	8250	6.9	
22.5	8300	7.2	
22.7	8350	7.4	
22.8	8400	7.5	
22.8	8450	7.5	
22.8	8500	7.5	
12.6	Processing Gain (dB) @ 80th Percentile =		

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



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

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

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

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

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

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

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

1Mbps CHANNEL 6 Processing Gain						
$G_p = (S/N)_o + M_j + L_{sys}$						
Freq.	G_p	$(S/N)_o$	$M_j = J/S$	L_{sys}	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2445.30	20.1	10.3	7.8	2.0	-53.0	≤ 8.0
2445.35	19.3	10.3	7.0	2.0	-53.8	≤ 8.0
2445.40	20.2	10.3	7.9	2.0	-52.9	≤ 8.0
2445.45	20.3	10.3	8.0	2.0	-52.8	≤ 8.0
2445.50	19.8	10.3	7.5	2.0	-53.3	≤ 8.0

13.2

Test Conditions

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

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

Processing Gain (dB)	XMIT level	-60.8
	S/N+Ls	12.3
	0dB J/S	0.0
PG	Offset	Signal Generator Delta
19.0	-8500	6.7
18.3	-8450	6.0
17.6	-8400	5.3
17.0	-8350	4.7
16.9	-8300	4.6
16.6	-8250	4.3
16.4	-8200	4.1
16.3	-8150	4.0
16.3	-8100	4.0
16.2	-8050	3.9
16.1	-8000	3.8
16.5	-7950	4.2
17.3	-7900	5.0
17.1	-7850	4.8
17.1	-7800	4.8
17.6	-7750	5.3
17.6	-7700	5.3
17.7	-7650	5.4
17.7	-7600	5.4
17.7	-7550	5.4
17.3	-7500	5.0
16.9	-7450	4.6
16.2	-7400	3.9
16.0	-7350	3.7
15.9	-7300	3.6
16.3	-7250	4.0
16.2	-7200	3.9
16.2	-7150	3.9
16.3	-7100	4.0
16.4	-7050	4.1
16.3	-7000	4.0
16.2	-6950	3.9
15.8	-6900	3.5
16.0	-6850	3.7
16.6	-6800	4.3
16.8	-6750	4.5
17.6	-6700	5.3
17.8	-6650	5.5
17.9	-6600	5.6
17.4	-6550	5.1
16.7	-6500	4.4
15.8	-6450	3.5
15.4	-6400	3.1
15.1	-6350	2.8
15.0	-6300	2.7
15.3	-6250	3.0
15.2	-6200	2.9

15.4	-6150	3.1
15.6	-6100	3.3
15.3	-6050	3.0
14.9	-6000	2.6
15.0	-5950	2.7
15.1	-5900	2.8
14.9	-5850	2.6
15.4	-5800	3.1
16.0	-5750	3.7
17.3	-5700	5.0
17.7	-5650	5.4
18.5	-5600	6.2
19.9	-5550	7.6
20.4	-5500	8.1
21.3	-5450	9.0
22.2	-5400	9.9
23.9	-5350	11.6
22.9	-5300	10.6
22.6	-5250	10.3
19.0	-5200	6.7
19.9	-5150	7.6
18.0	-5100	5.7
17.6	-5050	5.3
16.2	-5000	3.9
15.4	-4950	3.1
14.7	-4900	2.4
14.1	-4850	1.8
14.3	-4800	2.0
14.3	-4750	2.0
14.2	-4700	1.9
14.1	-4650	1.8
14.3	-4600	2.0
14.0	-4550	1.7
13.9	-4500	1.6
14.0	-4450	1.7
14.0	-4400	1.7
14.1	-4350	1.8
14.0	-4300	1.7
14.5	-4250	2.2
14.3	-4200	2.0
13.9	-4150	1.6
14.3	-4100	2.0
14.0	-4050	1.7
13.9	-4000	1.6
14.0	-3950	1.7
13.6	-3900	1.3
13.7	-3850	1.4
13.6	-3800	1.3
13.6	-3750	1.3
13.3	-3700	1.0
13.4	-3650	1.1
13.6	-3600	1.3

13.2	-3550	0.9
13.5	-3500	1.2
13.1	-3450	0.8
13.3	-3400	1.0
13.7	-3350	1.4
13.4	-3300	1.1
13.7	-3250	1.4
13.4	-3200	1.1
13.5	-3150	1.2
13.4	-3100	1.1
13.3	-3050	1.0
13.6	-3000	1.3
13.2	-2950	0.9
12.8	-2900	0.5
13.2	-2850	0.9
12.9	-2800	0.6
12.9	-2750	0.6
12.8	-2700	0.5
13.0	-2650	0.7
13.1	-2600	0.8
12.5	-2550	0.2
13.0	-2500	0.7
13.0	-2450	0.7
12.9	-2400	0.6
13.1	-2350	0.8
13.0	-2300	0.7
13.3	-2250	1.0
13.2	-2200	0.9
13.5	-2150	1.2
13.3	-2100	1.0
13.5	-2050	1.2
13.6	-2000	1.3
14.0	-1950	1.7
13.9	-1900	1.6
13.4	-1850	1.1
13.1	-1800	0.8
12.9	-1750	0.6
12.6	-1700	0.3
12.5	-1650	0.2
13.3	-1600	1.0
13.0	-1550	0.7
13.2	-1500	0.9
13.4	-1450	1.1
13.2	-1400	0.9
13.7	-1350	1.4
13.1	-1300	0.8
13.4	-1250	1.1
13.3	-1200	1.0
13.6	-1150	1.3
13.3	-1100	1.0
13.2	-1050	0.9
13.4	-1000	1.1

13.7	-950	1.4
13.7	-900	1.4
13.3	-850	1.0
13.6	-800	1.3
13.2	-750	0.9
13.1	-700	0.8
13.0	-650	0.7
12.9	-600	0.6
12.8	-550	0.5
12.5	-500	0.2
12.6	-450	0.3
12.7	-400	0.4
13.3	-350	1.0
13.2	-300	0.9
13.1	-250	0.8
14.8	-200	2.5
15.2	-150	2.9
16.3	-100	4.0
20.8	-50	8.5
19.0	0	6.7
20.4	50	8.1
20.3	100	8.0
22.8	150	10.5
21.8	200	9.5
20.4	250	8.1
19.1	300	6.8
17.9	350	5.6
16.7	400	4.4
15.5	450	3.2
15.1	500	2.8
14.4	550	2.1
13.7	600	1.4
12.7	650	0.4
12.4	700	0.1
12.0	750	-0.3
12.2	800	-0.1
12.4	850	0.1
12.5	900	0.2
12.7	950	0.4
12.1	1000	-0.2
13.2	1050	0.9
13.7	1100	1.4
13.7	1150	1.4
13.6	1200	1.3
14.1	1250	1.8
14.2	1300	1.9
14.4	1350	2.1
14.3	1400	2.0
14.2	1450	1.9
13.9	1500	1.6
13.5	1550	1.2
12.9	1600	0.6

12.2	1650	-0.1
12.4	1700	0.1
12.4	1750	0.1
12.7	1800	0.4
12.7	1850	0.4
12.1	1900	-0.2
12.2	1950	-0.1
12.3	2000	0.0
12.5	2050	0.2
13.2	2100	0.9
12.2	2150	-0.1
13.4	2200	1.1
13.6	2250	1.3
13.4	2300	1.1
13.5	2350	1.2
13.5	2400	1.2
13.7	2450	1.4
13.6	2500	1.3
13.4	2550	1.1
13.2	2600	0.9
13.7	2650	1.4
12.8	2700	0.5
12.4	2750	0.1
11.8	2800	-0.5
12.6	2850	0.3
12.4	2900	0.1
12.8	2950	0.5
12.6	3000	0.3
12.8	3050	0.5
12.7	3100	0.4
13.6	3150	1.3
13.4	3200	1.1
13.6	3250	1.3
13.9	3300	1.6
14.2	3350	1.9
14.3	3400	2.0
14.2	3450	1.9
13.9	3500	1.6
13.4	3550	1.1
13.8	3600	1.5
13.0	3650	0.7
13.3	3700	1.0
13.8	3750	1.5
13.6	3800	1.3
13.6	3850	1.3
13.2	3900	0.9
13.8	3950	1.5
13.9	4000	1.6
13.7	4050	1.4
13.9	4100	1.6
14.7	4150	2.4
14.2	4200	1.9

14.4	4250	2.1
14.8	4300	2.5
14.6	4350	2.3
14.8	4400	2.5
15.0	4450	2.7
14.3	4500	2.0
15.0	4550	2.7
14.0	4600	1.7
13.3	4650	1.0
14.3	4700	2.0
14.1	4750	1.8
13.9	4800	1.6
13.5	4850	1.2
13.1	4900	0.8
13.3	4950	1.0
13.7	5000	1.4
13.8	5050	1.5
14.3	5100	2.0
14.0	5150	1.7
14.8	5200	2.5
15.2	5250	2.9
16.5	5300	4.2
17.1	5350	4.8
18.2	5400	5.9
19.7	5450	7.4
21.9	5500	9.6
22.8	5550	10.5
24.6	5600	12.3
25.3	5650	13.0
23.7	5700	11.4
22.0	5750	9.7
20.8	5800	8.5
20.5	5850	8.2
19.6	5900	7.3
18.3	5950	6.0
17.8	6000	5.5
16.7	6050	4.4
15.0	6100	2.7
15.4	6150	3.1
16.3	6200	4.0
15.8	6250	3.5
15.8	6300	3.5
15.5	6350	3.2
16.1	6400	3.8
15.7	6450	3.4
16.2	6500	3.9
15.1	6550	2.8
14.9	6600	2.6
15.6	6650	3.3
15.9	6700	3.6
15.1	6750	2.8
17.5	6800	5.2

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

Processing Gain 802UI

Measured by:
S. Rothwell

16.8	6850	4.5
17.6	6900	5.3
17.2	6950	4.9
17.2	7000	4.9
17.0	7050	4.7
16.2	7100	3.9
16.3	7150	4.0
17.7	7200	5.4
17.7	7250	5.4
17.9	7300	5.6
17.8	7350	5.5
18.5	7400	6.2
18.1	7450	5.8
17.5	7500	5.2
17.1	7550	4.8
17.1	7600	4.8
17.3	7650	5.0
17.5	7700	5.2
18.1	7750	5.8
18.2	7800	5.9
19.3	7850	7.0
19.2	7900	6.9
18.8	7950	6.5
18.7	8000	6.4
18.2	8050	5.9
18.4	8100	6.1
19.4	8150	7.1
19.5	8200	7.2
19.7	8250	7.4
20.1	8300	7.8
19.3	8350	7.0
20.2	8400	7.9
20.3	8450	8.0
19.8	8500	7.5
Processing Gain (dB) @ 80th Percentile =		13.2

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

