CETECOM Inc.

CETECOM Inc.

411 Dixon Landing Road, Milpitas, CA-95035, USA
Phone: +1 408 586 6200   Fax: +1 408 586 6299
www.cetecomusa.com

> **RECOGNIZED BY INDUSTRY CANADA**
>
> **IC - 3925**

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

Table of Contents

1   General information

1.1   Notes

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
Phone: +1 408 586 6200   Fax: +1 408 586 6299
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

<div style="border:1px solid">

TEST REPORT

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

</div>

TEST REPORT REFERENCE

LIST OF MEASUREMENTS

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 bandwith shall shall be at least 500 KHz

CETECOM Inc.

SPECTRUM BANDWITH OF DSSS-SYSTEM   SUBCLAUSE § 15.247 (a)(2)
2412 MHz

LIMIT   SUBCLAUSE §15.247(a) (2)

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

---

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

CETECOM Inc.

TM

SPECTRUM BANDWITH OF DSSS-SYSTEM   SUBCLAUSE § 15.247 (a)(2)
2442 MHz
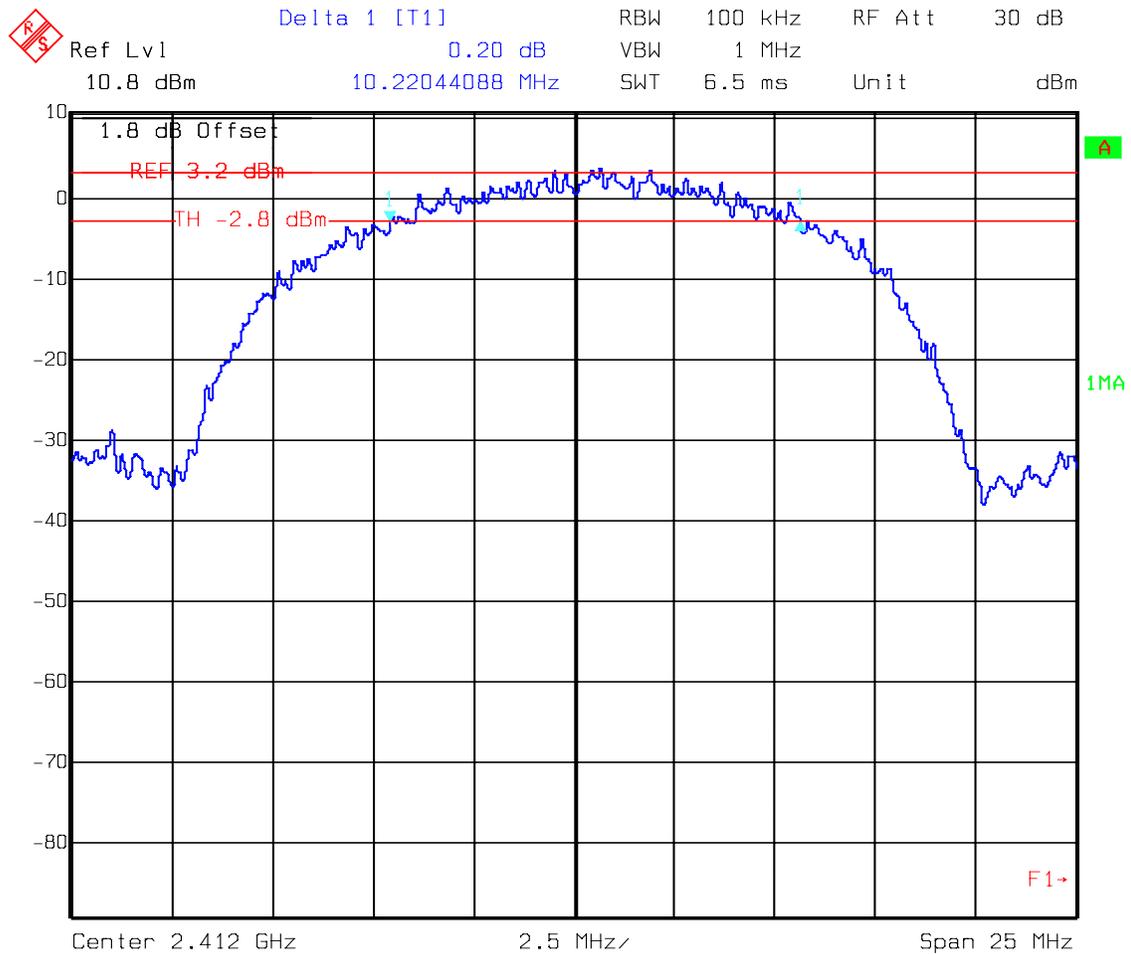
LIMIT   SUBCLAUSE §15.247(a) (2)

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

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

SPECTRUM BANDWITH OF DSSS-SYSTEM   SUBCLAUSE § 15.247 (a)(2)
2472 MHz
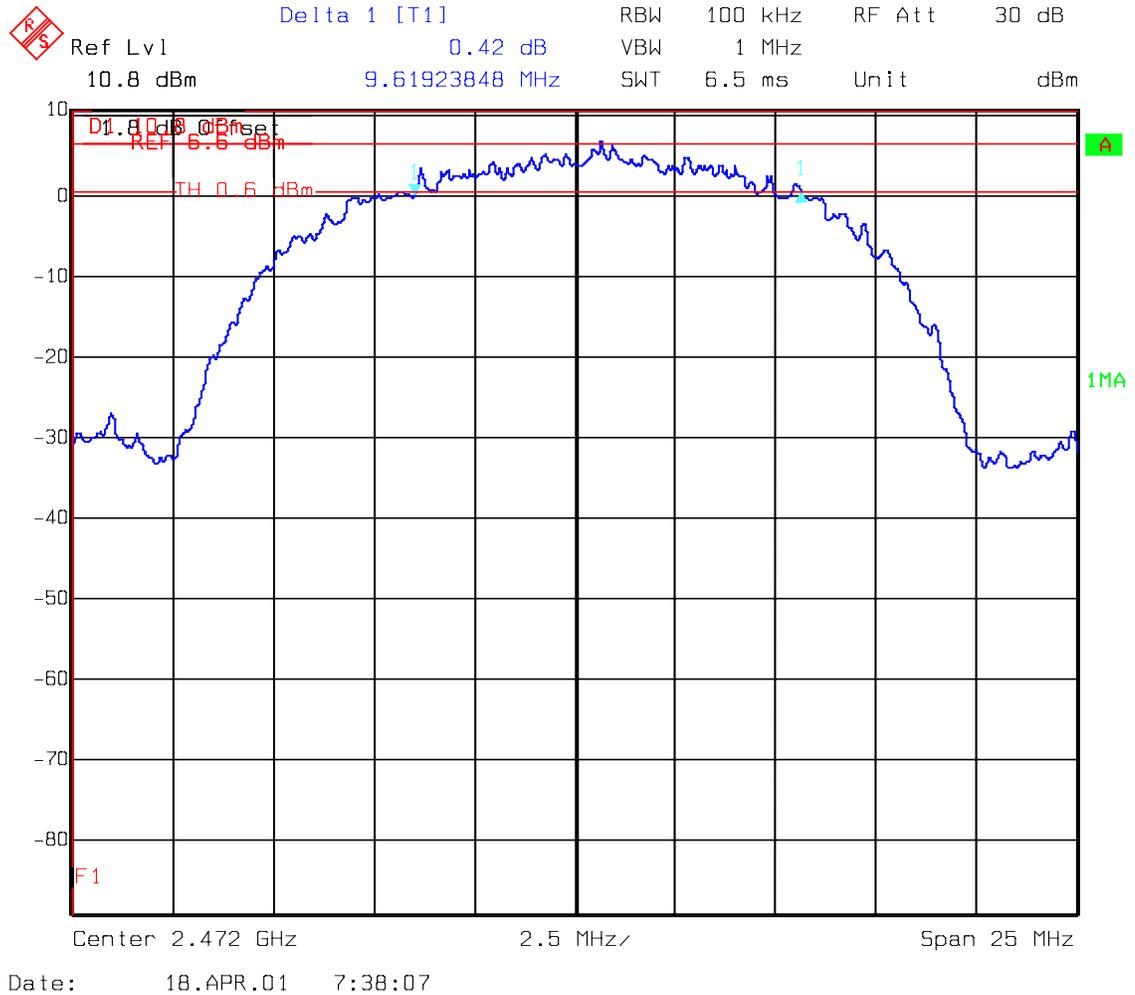
LIMIT   **SUBCLAUSE §15.247(a) (2)**

The minimum 6dB bandwith shall 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)					
Frequency (MHz)		**2412**		**2442**		**2472**	
T_{nom}(23)°C	V_{nom}(5.0)V	Pk	**13.94**	Pk	**14.50**	Pk	**13.05**
		Av	**8.29**	Av	**8.29**	Av	**7.28**
T_{nom}(0)°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}(35)°C	V_{nom}(5.0)V	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)   **SUBCLAUSE § 15.247 (b) (1)**
(RADIATED)

TEST CONDITIONS		MAXIMUM PEAK OUTPUT POWER (dBm)					
Frequency (MHz)		**2412**		**2442**		**2472**	
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

EIRP:2412MHz

	Marker 1 [T1]		RBW	3 MHz	RF Att	30 dB

Ref Lvl 21.1 dBm — Marker 1 [T1] 11.75 dBm 2.41247595 GHz

RBW 3 MHz VBW 3 MHz SWT 5 ms

RF Att 30 dB Unit dBm

1.1 dB Offset

Center 2.412 GHz   2.5 MHz/   Span 25 MHz
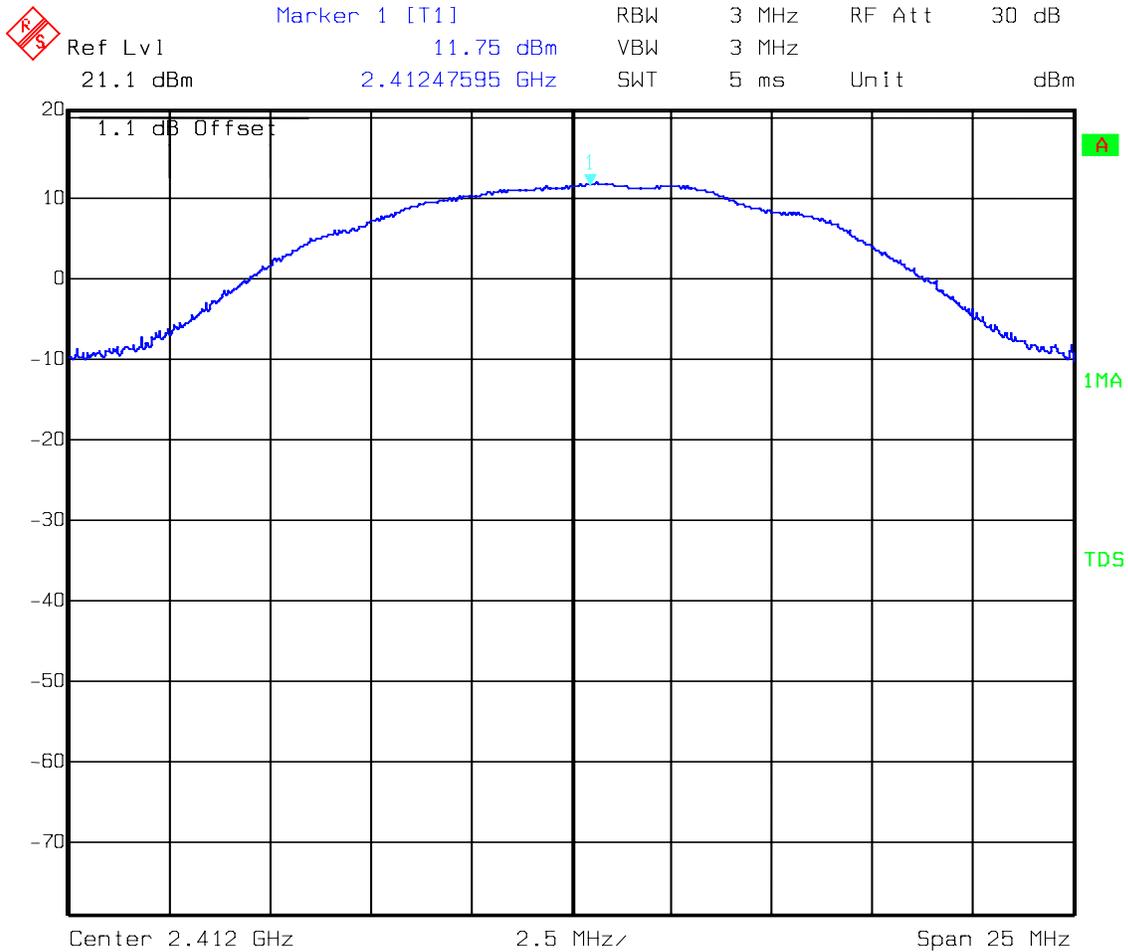
Date: 18.APR.01   11:28:10

EIRP:2442MHz


```
                        Marker 1 [T1]         RBW    3 MHz   RF Att   30 dB
     Ref Lvl                     10.45 dBm    VBW    3 MHz
      21.1 dBm              2.44262625 GHz    SWT    5 ms    Unit      dBm
```

Center 2.442 GHz   2.5 MHz/   Span 25 MHz
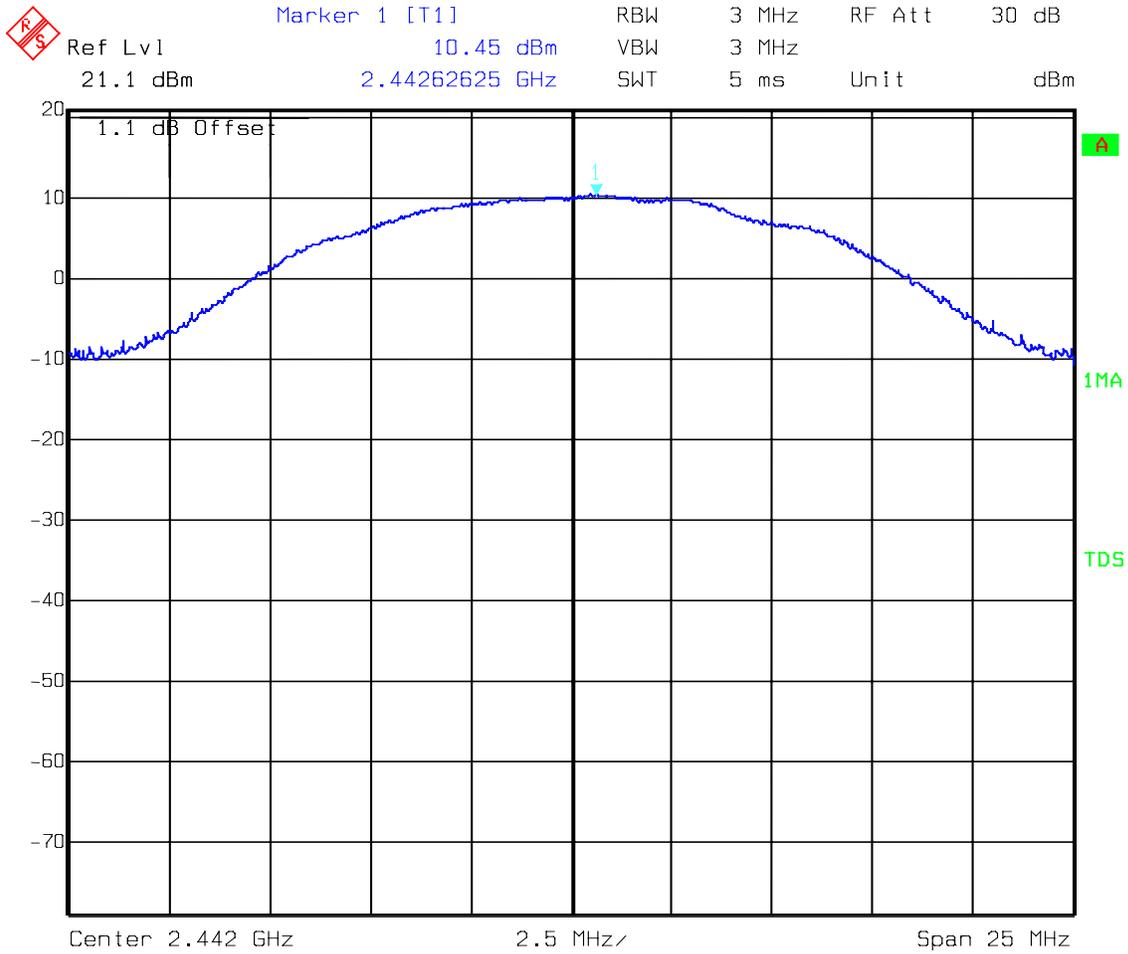
Date: 18.APR.01   11:33:48

EIRP:2472MHz

Marker 1 [T1]   RBW   3 MHz   RF Att   30 dB
Ref Lvl   10.46 dBm   VBW   3 MHz
21.1 dBm   2.47262625 GHz   SWT   5 ms   Unit   dBm

Center 2.472 GHz   2.5 MHz/   Span 25 MHz
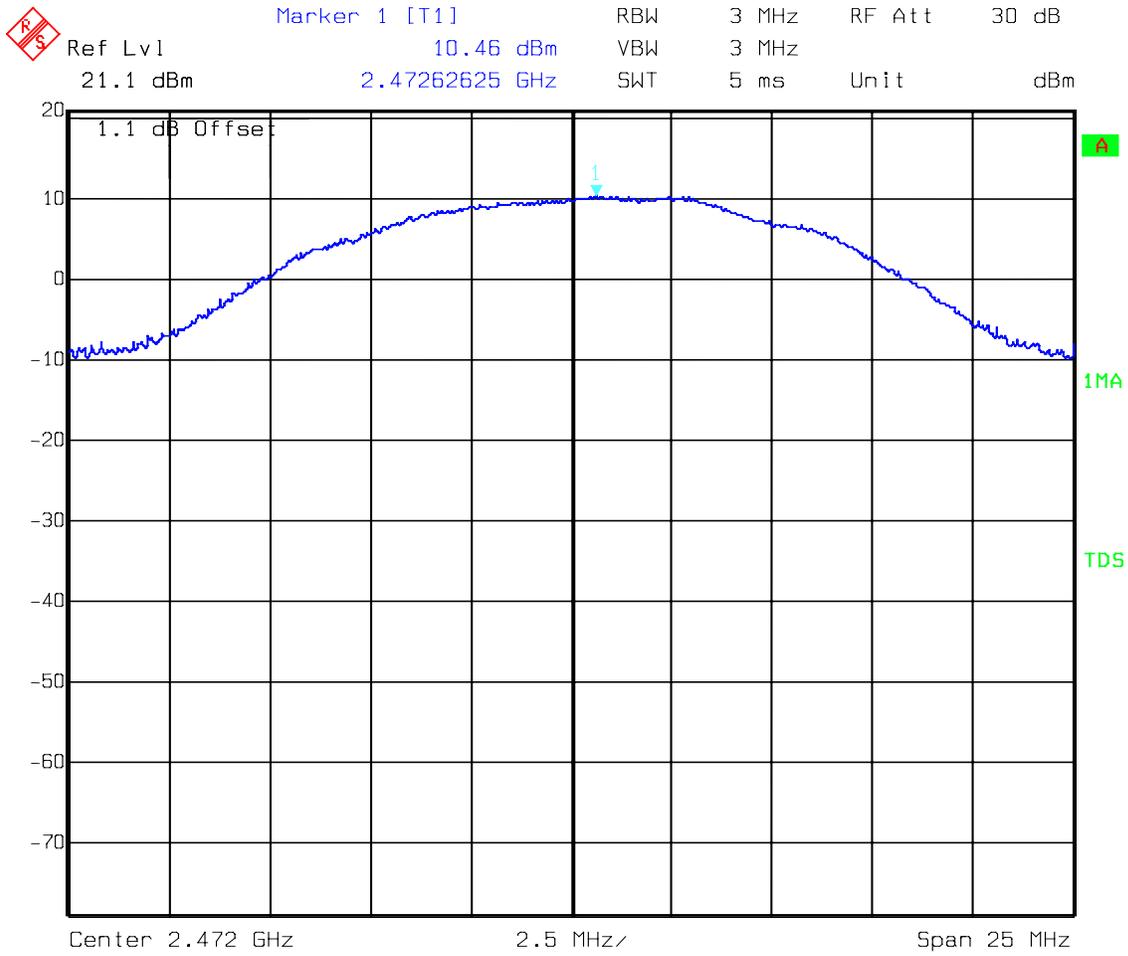
Date: 18.APR.01   11:35:31

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

conducted

2412 MHz up to 25 GHz

	Marker 1 [T1]	RBW	100 kHz	RF Att	20 dB
Ref Lvl	45.36 dBµV	VBW	1 MHz		
98.8 dBµV	6.58186373 GHz	SWT	5.8 s	Unit	dBµV

1.8 dB Offset

REF 53.2 dBµV

Start 2.35 GHz   2.265 GHz/   Stop 25 GHz
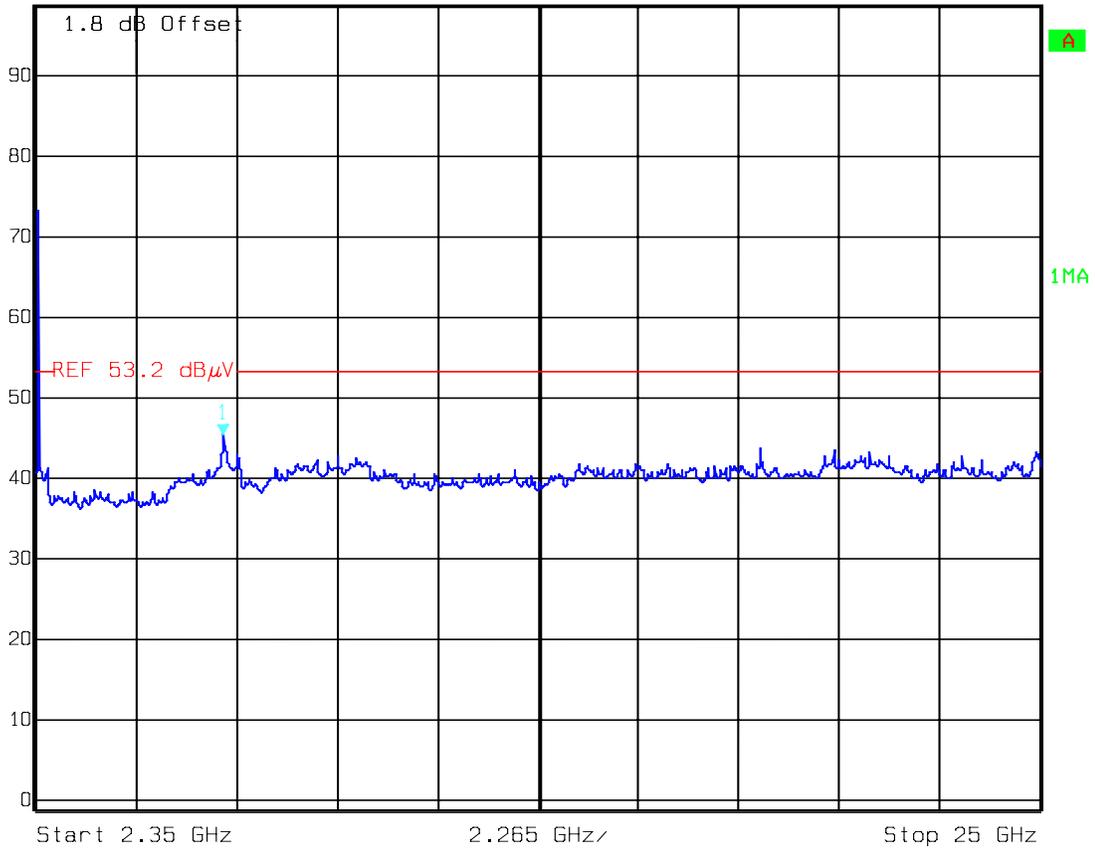
Date: 18.APR.01 13:55:14

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


```
R&S        Marker 1 [T1]              RBW    100 kHz   RF Att    20 dB
   Ref Lvl                -62.10 dBm  VBW      1 MHz
   -8.2 dBm            6.61673347 GHz  SWT     5.8 s    Unit        dBm
```

Date: 18.APR.01   13:58:02

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

CETECOM Inc.

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)

<u>conducted</u>
**spurious in the restricted band 2483.5 – 2500 MHz
(Higher Band Edge)**


```
          Ref Lvl                    RBW    1 MHz    RF Att    40 dB
                                     VBW    10 MHz
          11.8 dBm                   SWT    5 ms     Unit       dBm

   10 ──1.8 dB Offset                                              A

    0

  -10

  -20                                                           1AV

  -30

  -40─D1 -41.23 dBm

  -50

  -60

  -70

  -80
                          F1
        Start 2.47 GHz         4 MHz/         Stop 2.51 GHz
   Date:      24.APR.01  10:58:45
```

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

Lower Band Edge

<u>conducted</u>

	Marker 1 [T1]		RBW	1 MHz	RF Att	50 dB
Ref Lvl		6.26 dBm	VBW	10 Hz	
21.8 dBm		2.41356713 GHz	SWT	16.5 s	Unit	dBm

1.8 dB Offset

D1 -13.74 dBm

1MA

F1→

Start 2.35 GHz   6.5 MHz/   Stop 2.415 GHz

Date: 24.APR.01   11:02:13
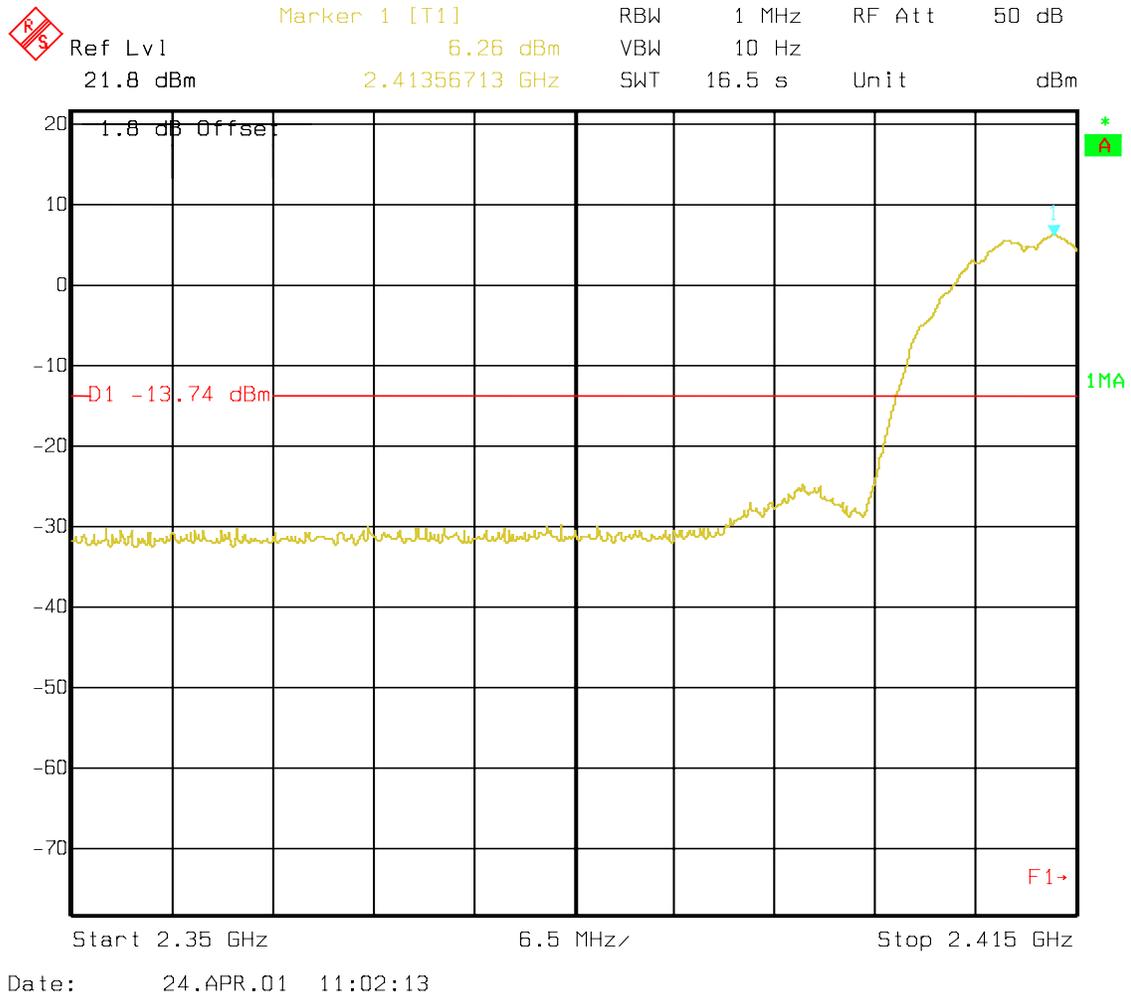
ANALYZER SETTINGS: RBW=1MHz , VBW=10Hz

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 ar average detector depending on the frequency range specified in FCC 15 and/or DA00-705. Bandwidth, sweeptime etc. Were set according DA00-705 and recorded

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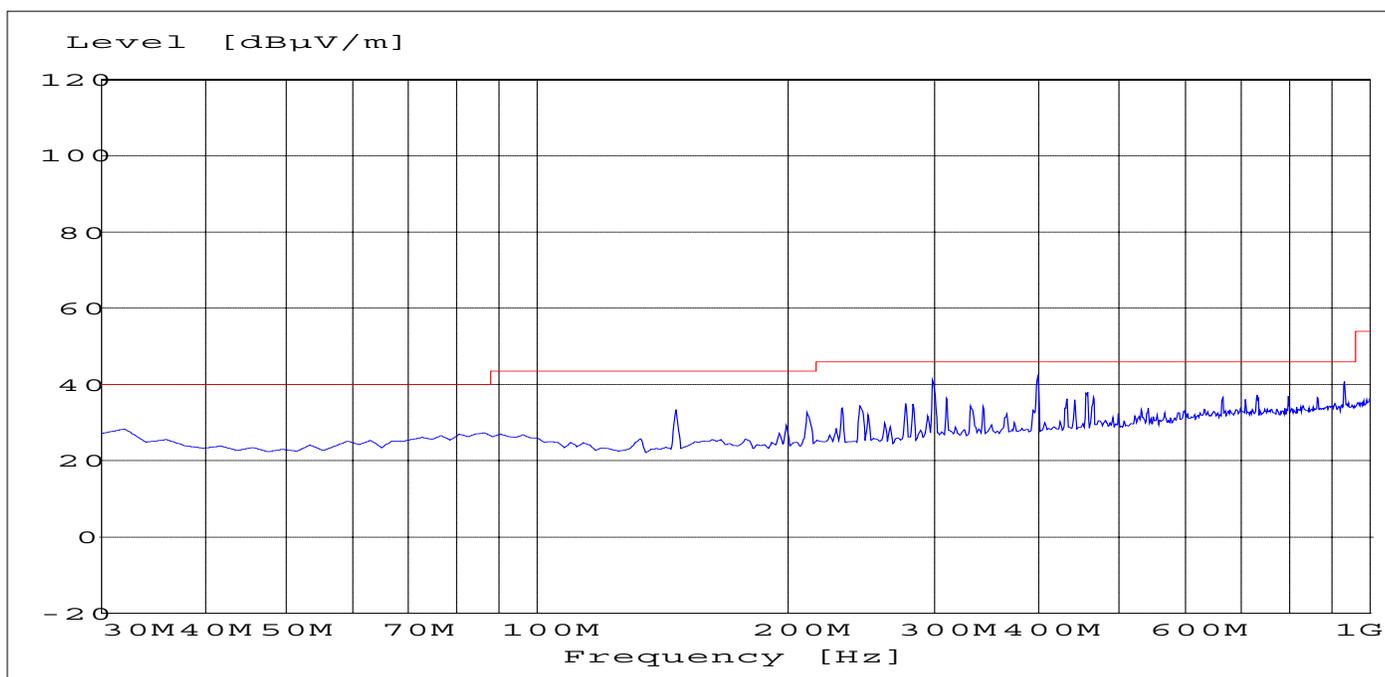
LIMITS   SUBCLAUSE § 15.247 (c)

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)).
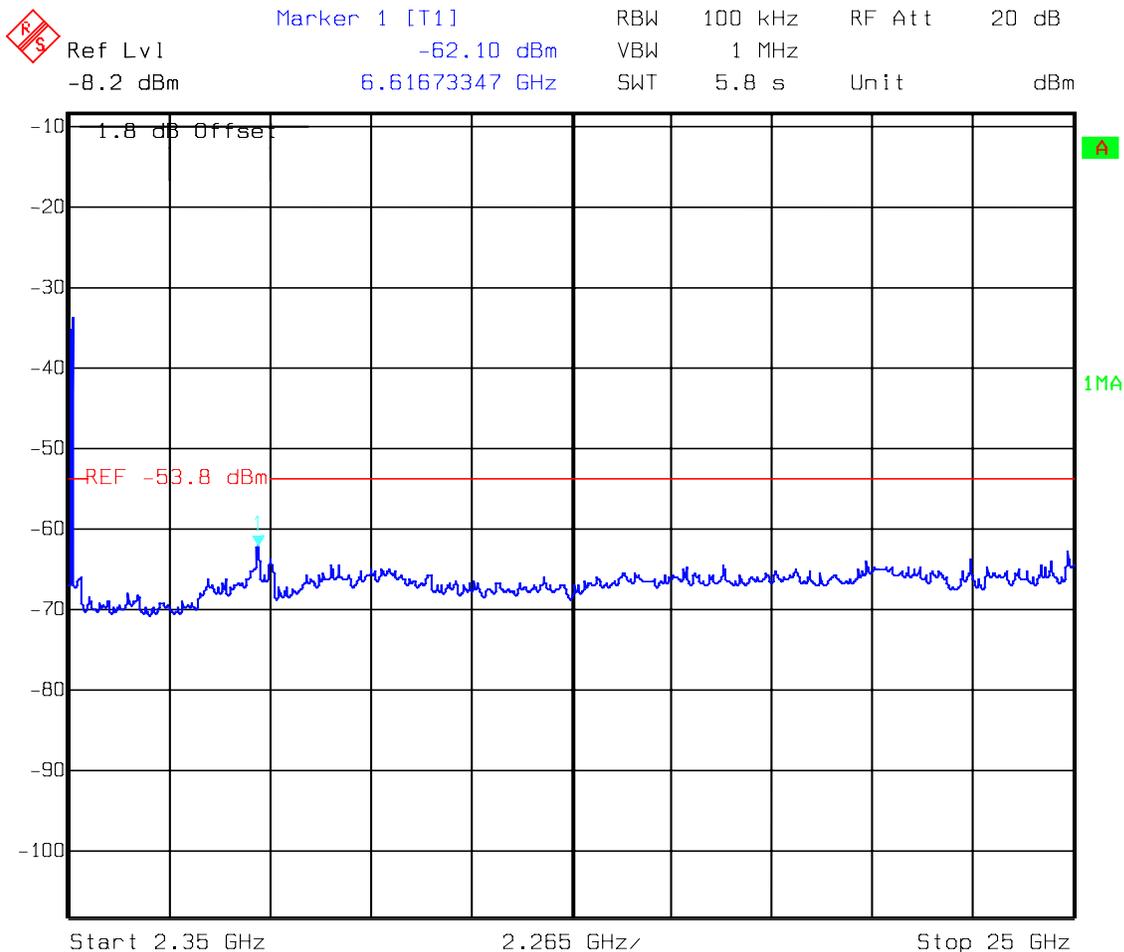
ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 1: 1GHz-8GHz


```
Marker:      1 GHz     35.36 dBµV/m
```

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)).
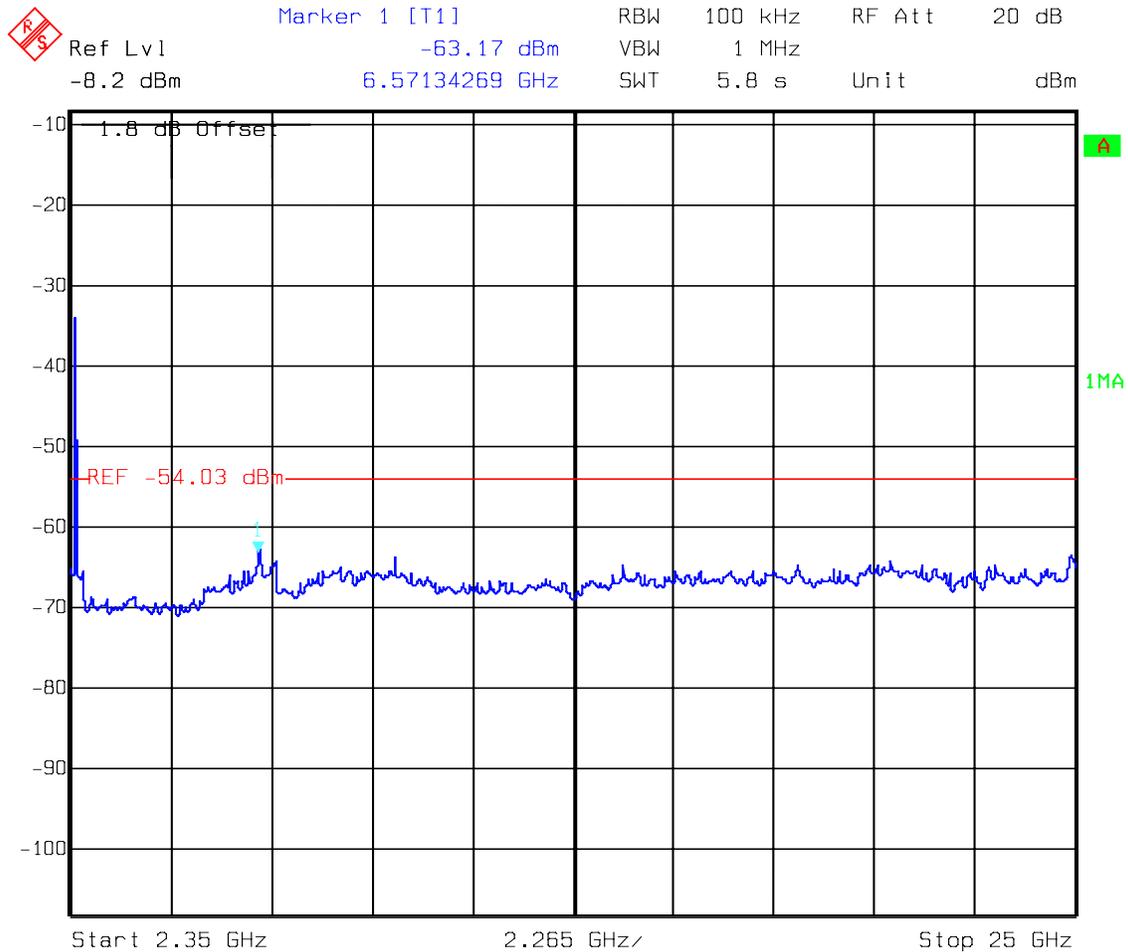
ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 1: 18GHz -26GHz

LIMITS   **SUBCLAUSE § 15.247 (c)**
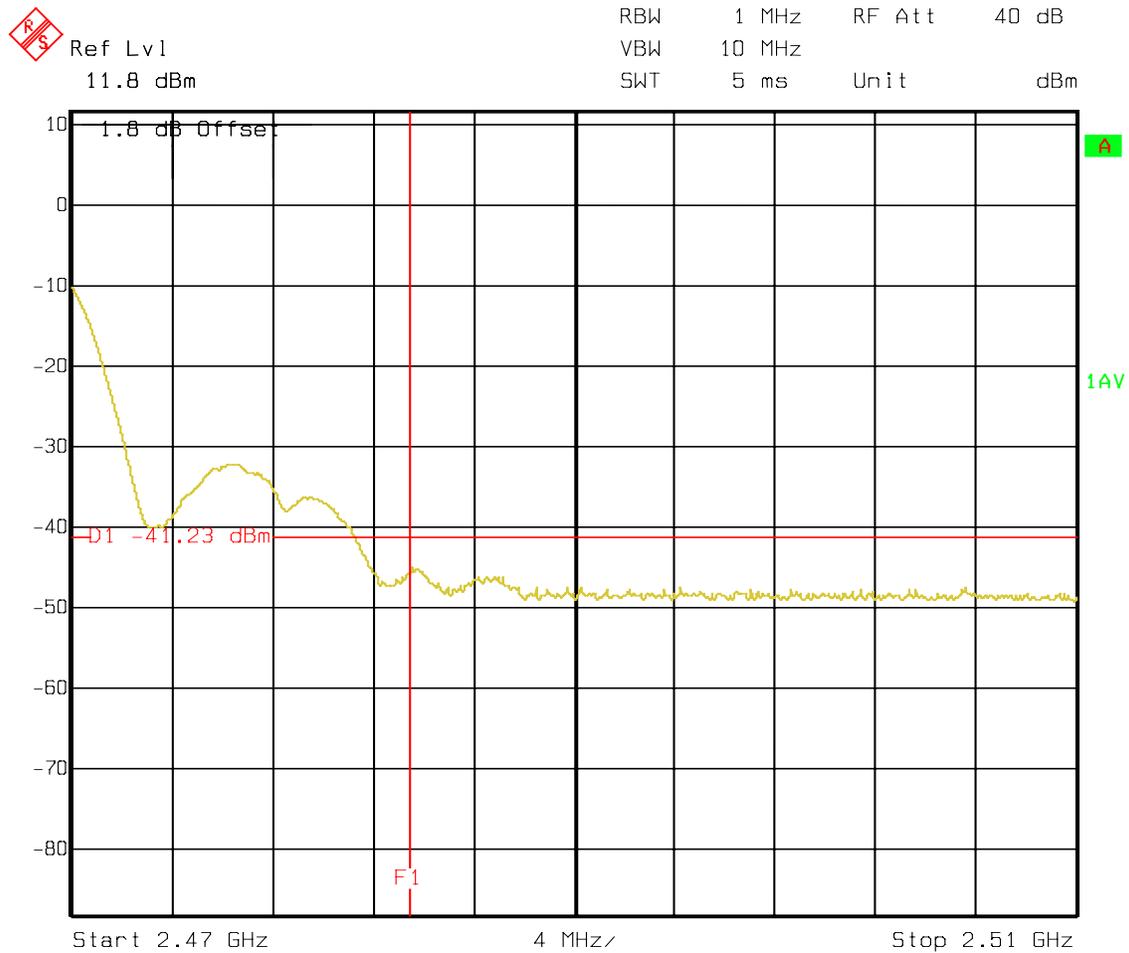
In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

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

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

Channel 2: 1GHz -8GHz
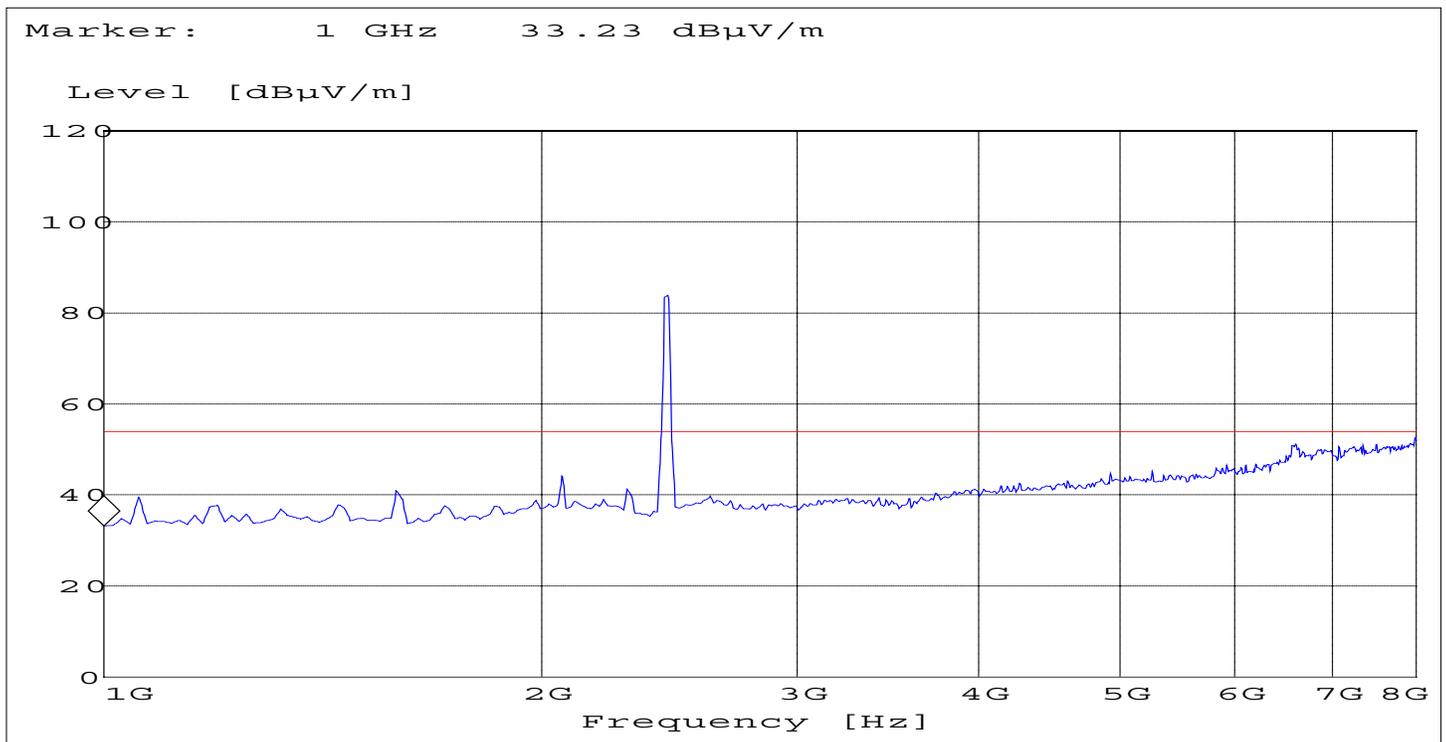

```
Marker:      1 GHz    33.23 dBµV/m

   Level [dBµV/m]
120
100
 80
 60
 40
 20
  0
  1G          2G          3G     4G     5G    6G   7G 8G
              Frequency [Hz]
```

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 GHz : RBW/VBW: 100 kHz　　　　f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 2: 8GHz -18GHz
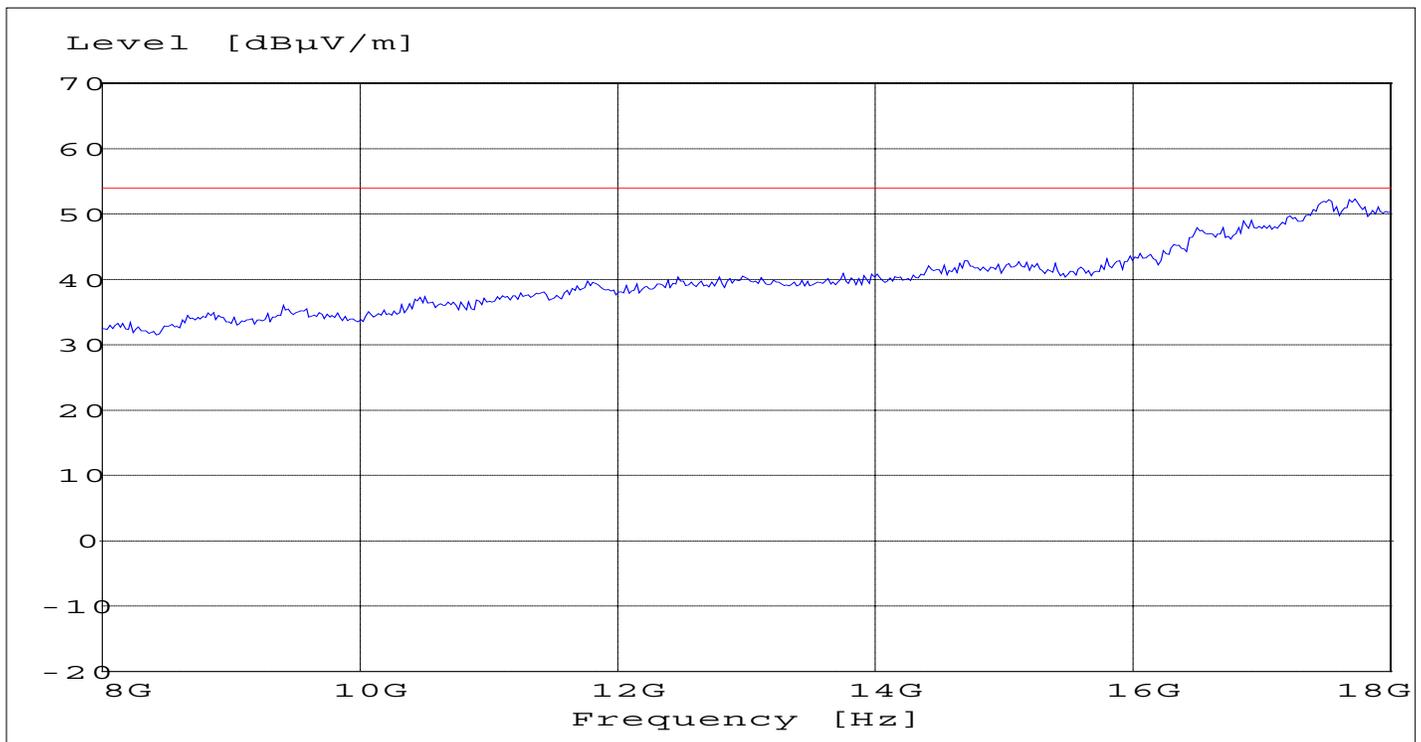
LIMITS   **SUBCLAUSE § 15.247 (c)**

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 2: 18GHz -26GHz
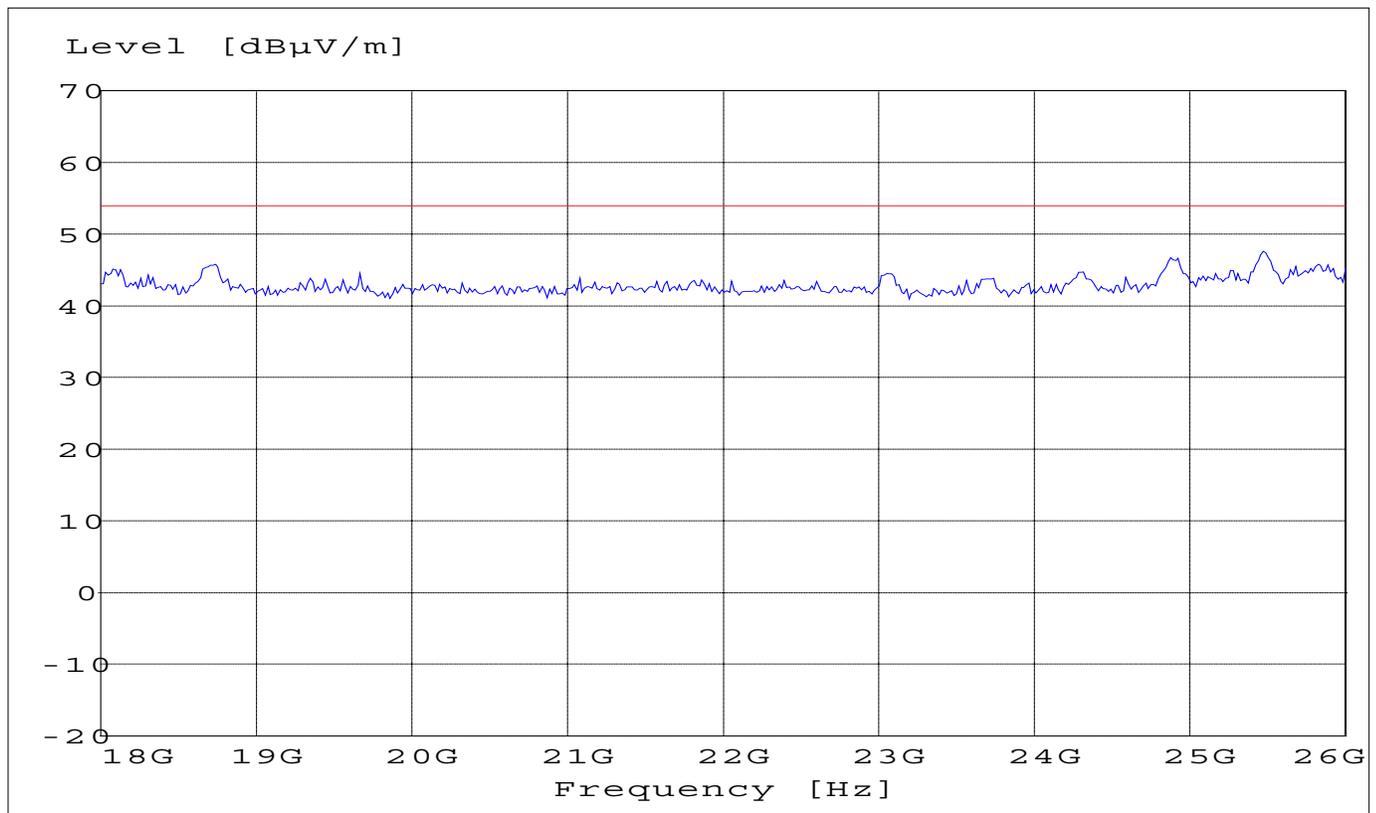
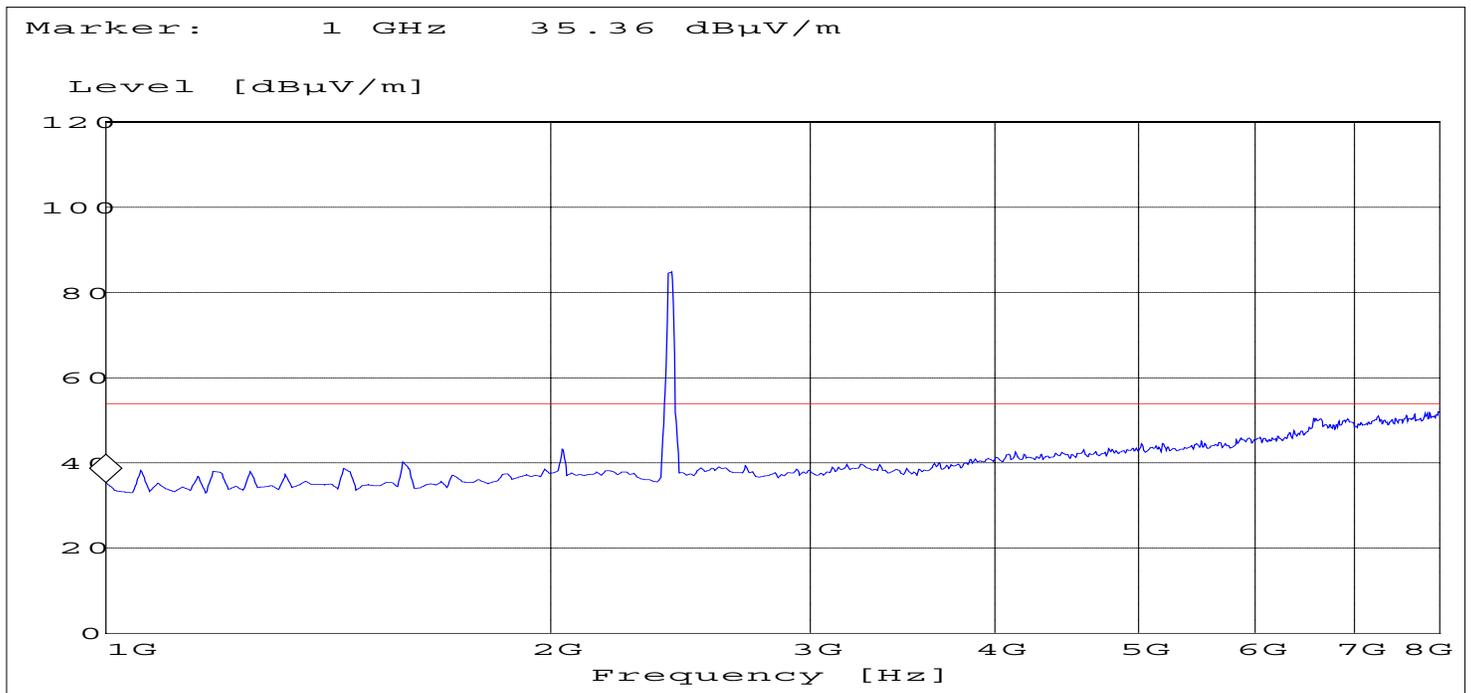**LIMITS**   **SUBCLAUSE § 15.247 (c)**

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

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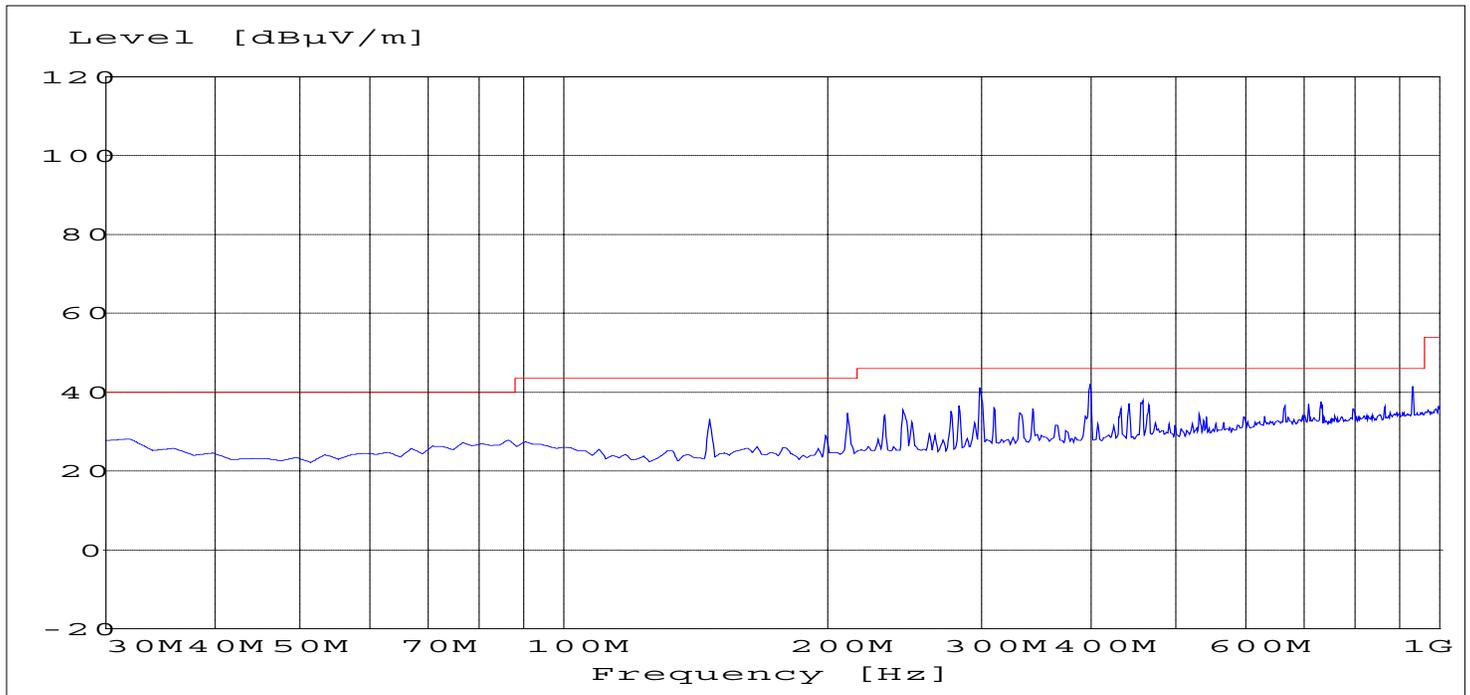
LIMITS   **SUBCLAUSE § 15.247 (c)**

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 3: 1GHz -8GHz
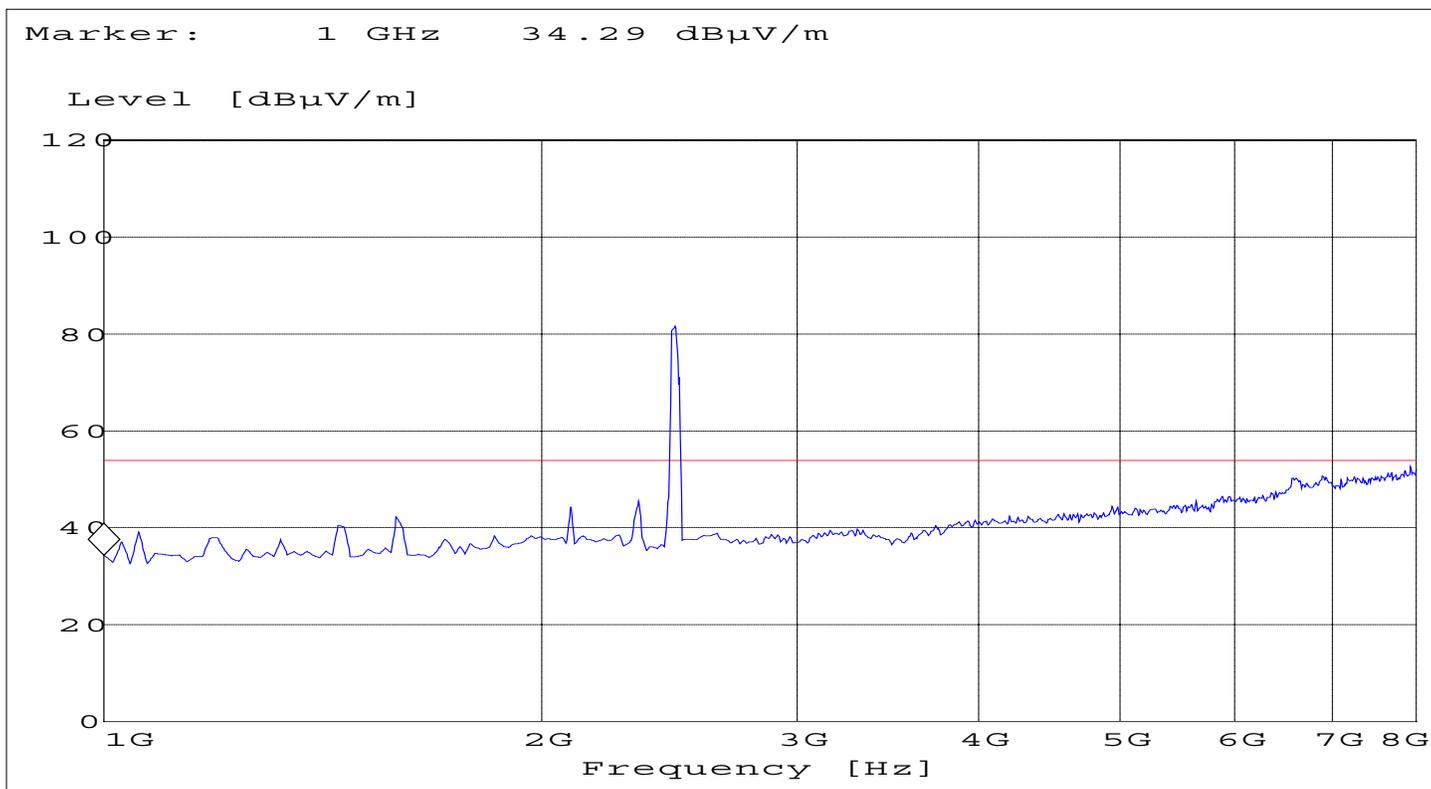
```
Marker:     1 GHz     34.29 dBµV/m

  Level [dBµV/m]
 120
 100
  80
  60
  40
  20
   0
     1G          2G          3G      4G      5G    6G   7G 8G
              Frequency [Hz]
```

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

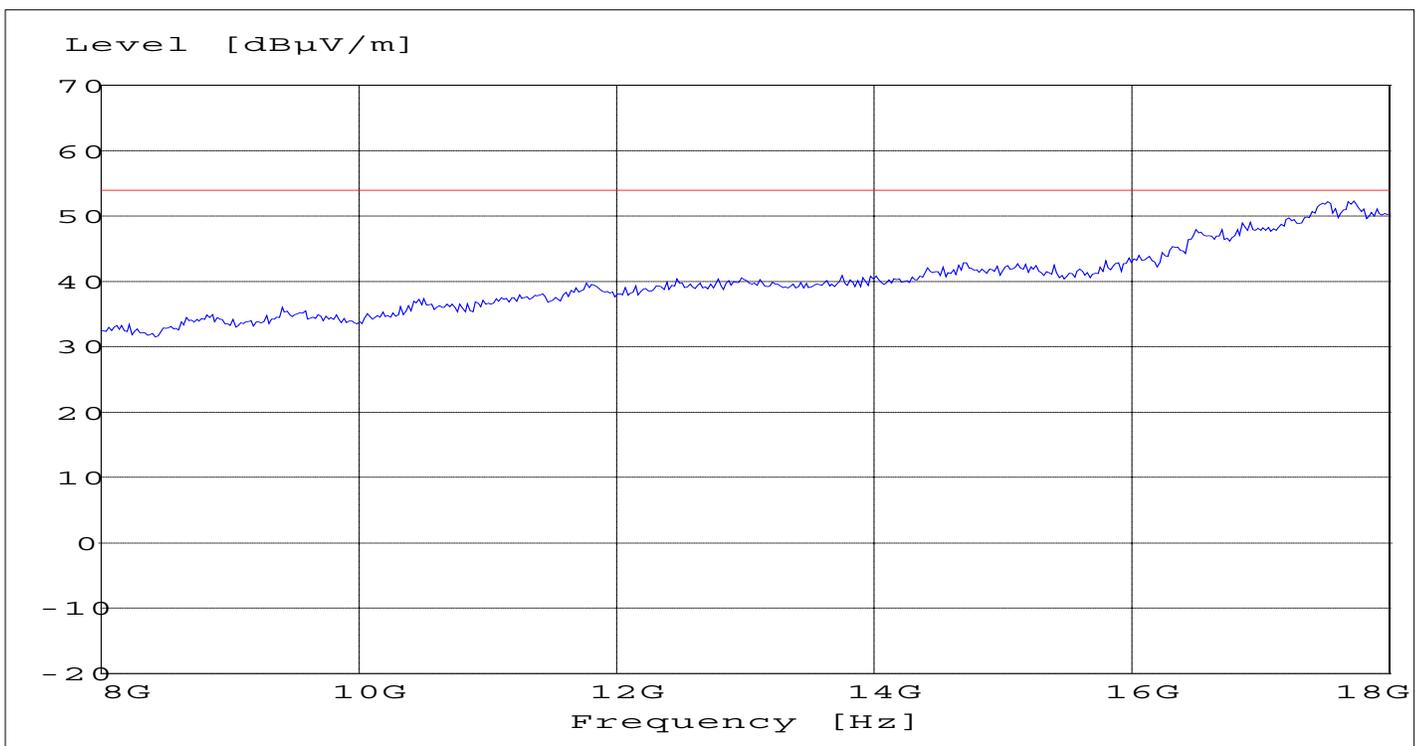**LIMITS**   **SUBCLAUSE § 15.247 (c)**

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 3: 8GHz -18GHz
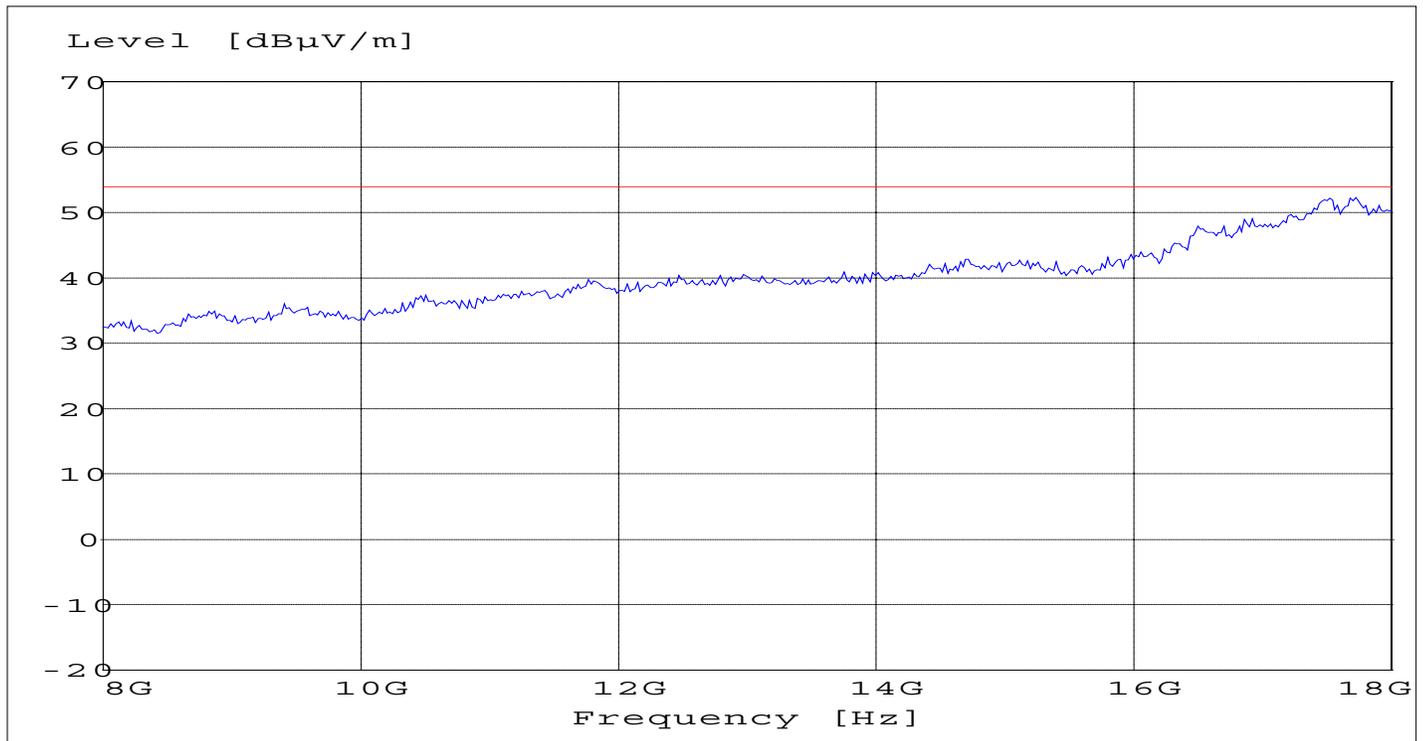
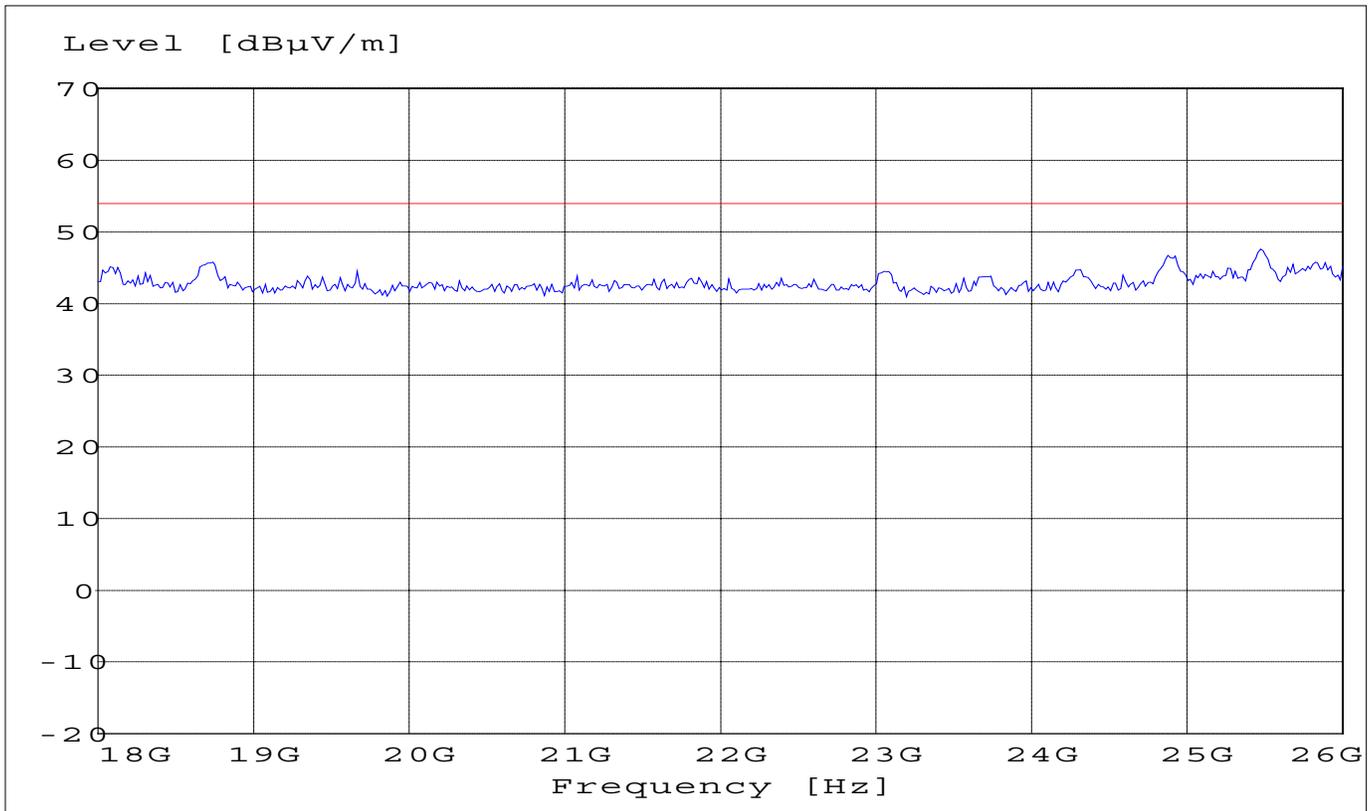**LIMITS   SUBCLAUSE § 15.247 (c)**

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

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

Channel 3: 18GHz -26GHz
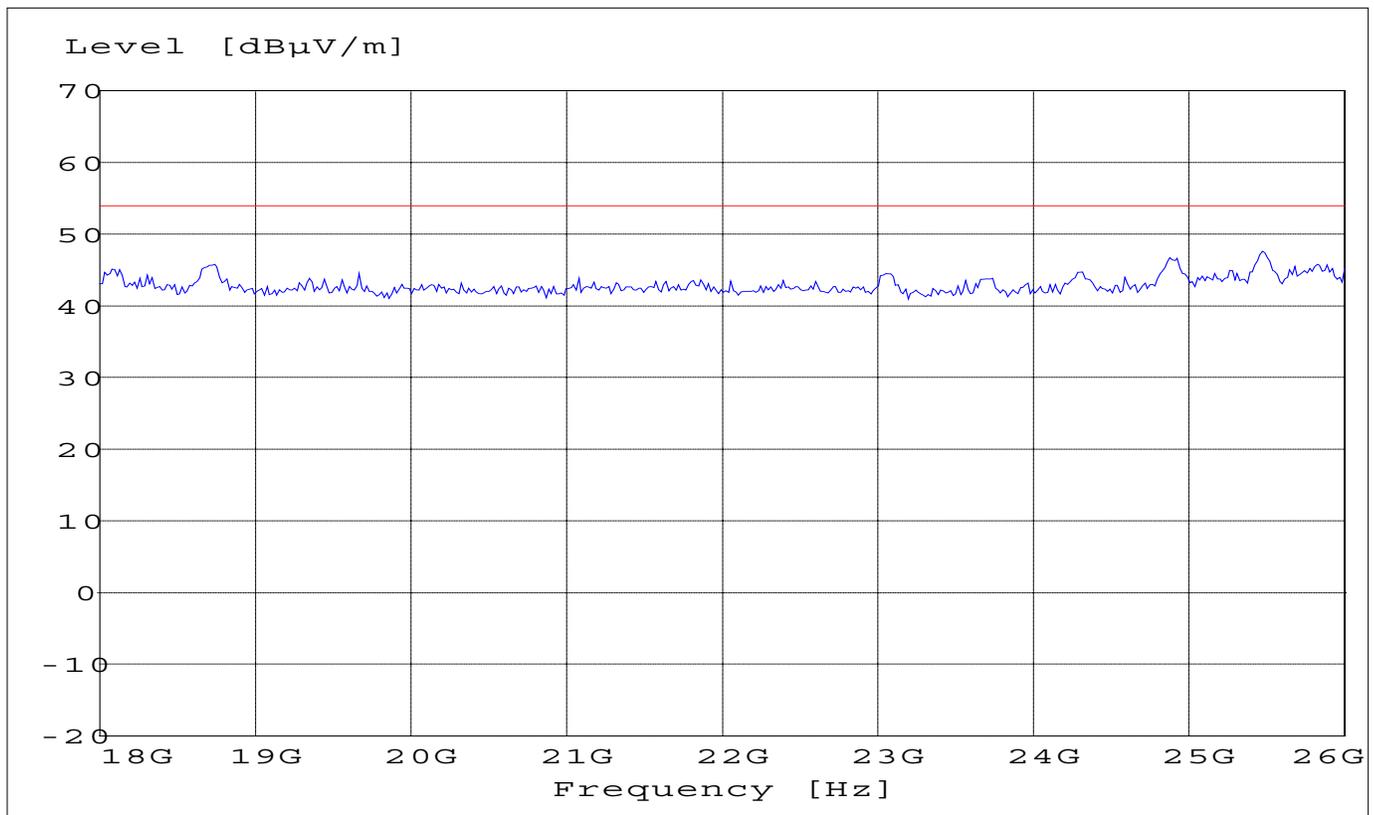
LIMITS   **SUBCLAUSE § 15.247 (c)**
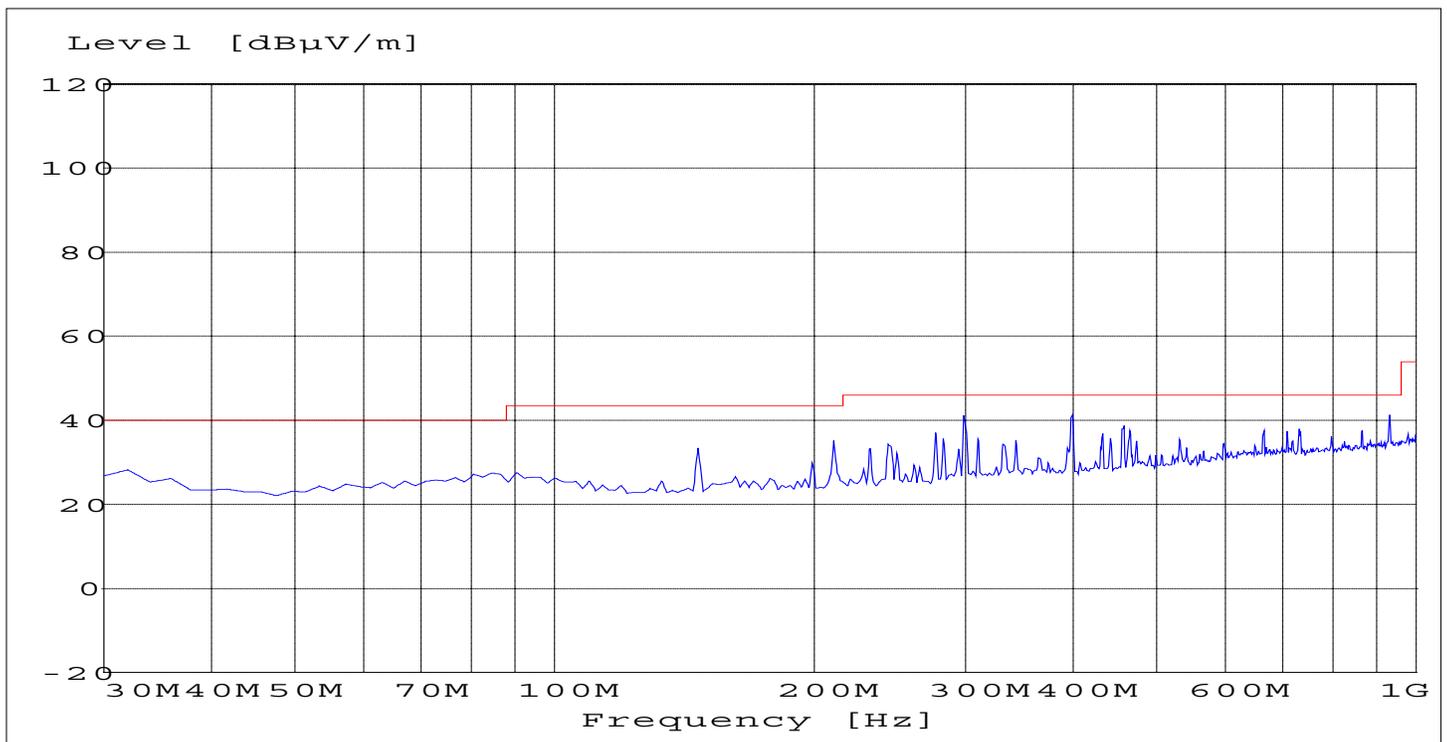
> **In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).**

ANALYZER SETTINGS: f < 1 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : 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**
$T_{nom}(23)°C$	$V_{nom}(5.0)V$	-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		±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   **SUBCLAUSE § 15.247 (d)**
2412 MHz
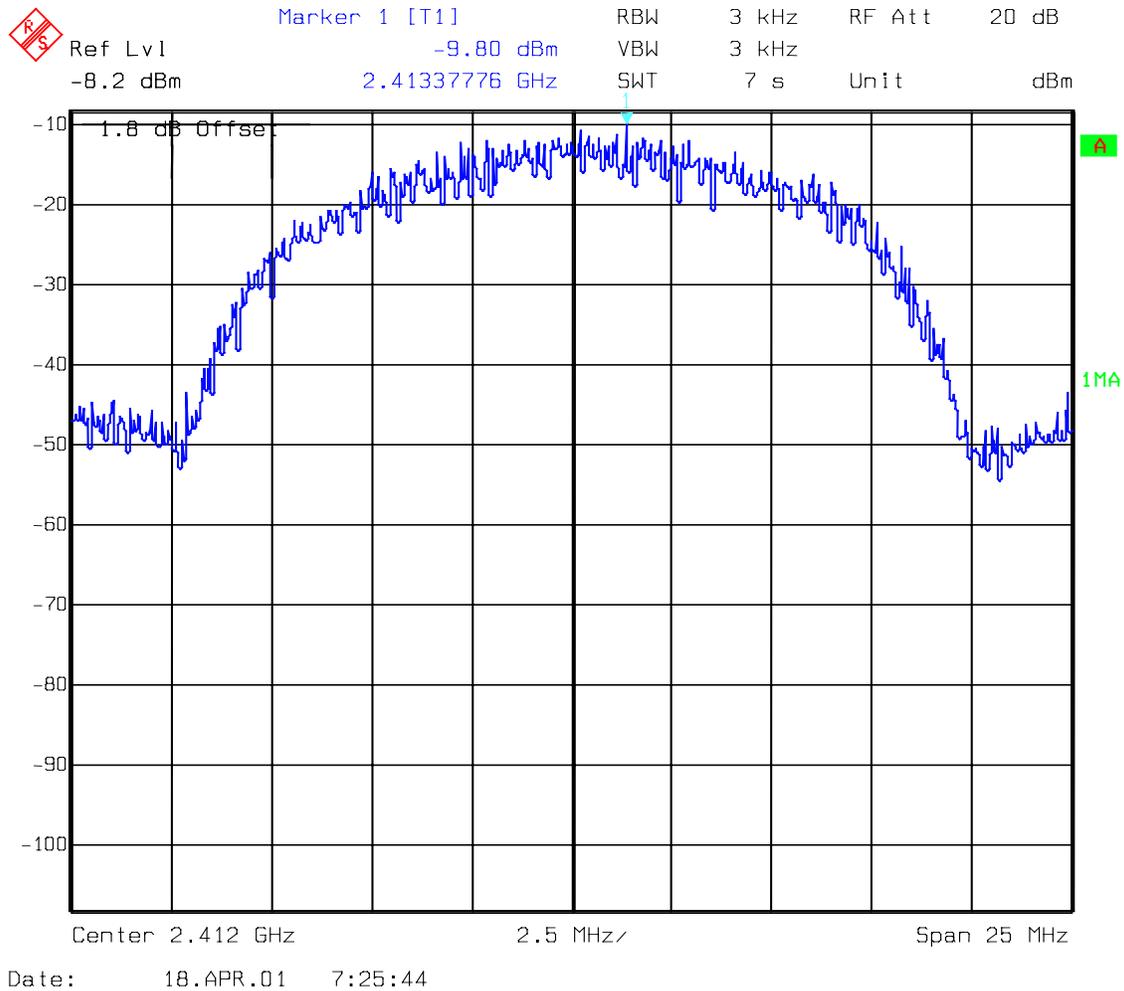

```
         R&S        Marker 1 [T1]              RBW    3 kHz    RF Att    20 dB
              Ref Lvl              -9.80 dBm   VBW    3 kHz
              -8.2 dBm        2.41337776 GHz   SWT     7 s    Unit         dBm
```

Center 2.412 GHz   2.5 MHz/   Span 25 MHz

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

```
                    Marker 1 [T1]          RBW    3 kHz    RF Att    20 dB
         Ref Lvl                 -9.91 dBm  VBW    3 kHz
         -8.2 dBm              2.44337776 GHz  SWT    7 s    Unit       dBm
```



```
Center 2.442 GHz          2.5 MHz/          Span 25 MHz
Date:      18.APR.01    7:27:21
```
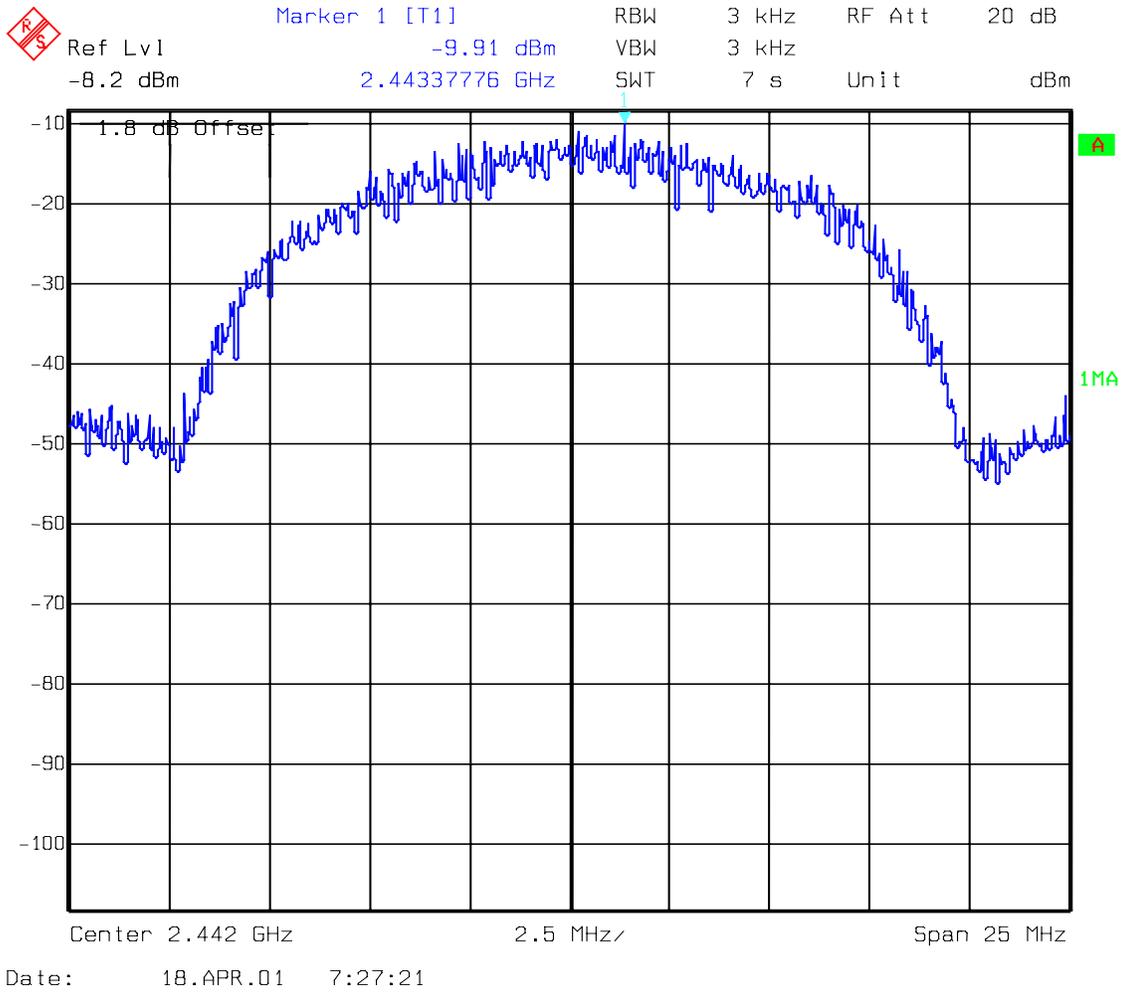
LIMIT   SUBCLAUSE §15.247(d)

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

POWER SPECTRAL DENSITY   **SUBCLAUSE § 15.247 (d)**
2472 MHz
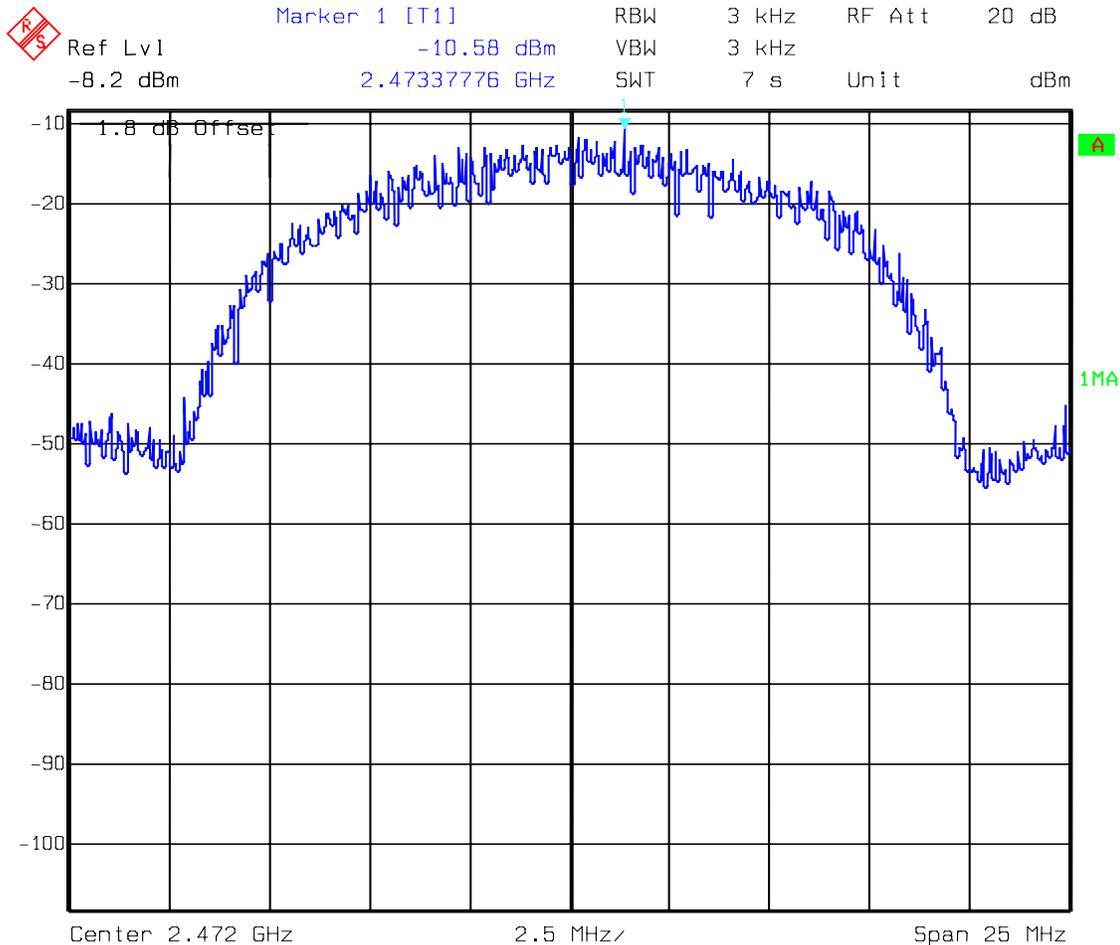
LIMIT   **SUBCLAUSE §15.247(d)**

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

Note 1.

(HP E4419B with E4412A sensitive
Sensor or equiv.) (optional) 2-Way
Splitter
(6 dB)

NOTES:

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

RF
Wattmeter
''B''

Spectrum
Analyzer
(E4407B)

Var. Atten.
6 - 60 dB

RF
Wattmeter
''A''

2-Way
Splitter
(6 dB)

(HP 8494G & 8496G
or equiv)

(HP E4419B with E4412A Sensor or equiv.) 2-Way
Combiner
(6 dB)
(HP 11667B or equiv
- typical)

TX
Controller
(Laptop)

Trans-
mitter

20 dB
Atten

16 dB Atten.
(6 dB + 10 dB)   (Note 1).

Shielded Box

RF Gen.
(HP
8648C)

2-Way
Combiner
(6 dB)

Receiver
Under Test

RX
Controller
(Laptop)

Shielded Box

-

CETECOM Inc.
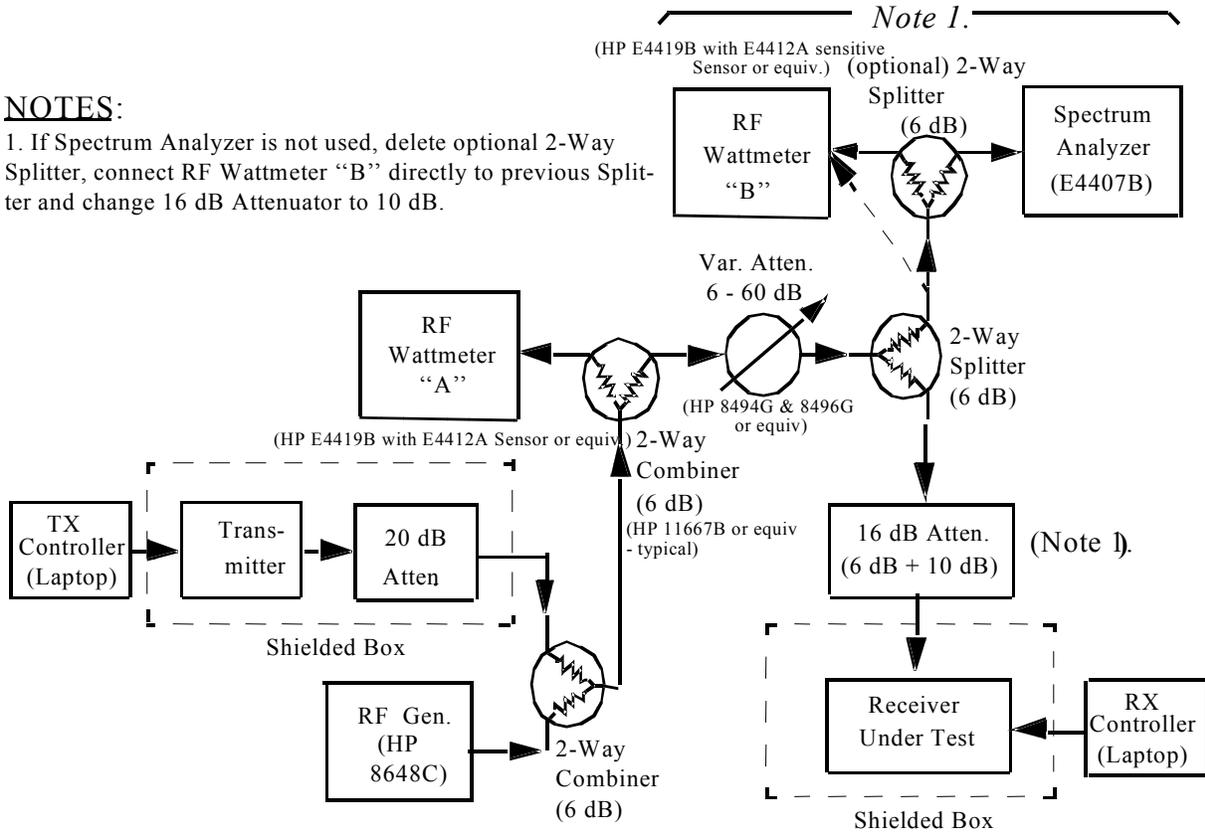
RECEIVER SPURIOUS RADIATION   § 15.209

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : 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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : 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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : 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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

CETECOM Inc.

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

CETECOM Inc.

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 GHz : RBW/VBW: 100 kHz   f ≥ 1GHz : RBW/VBW: 1 MHz

CETECOM Inc.

TEST EQUIPMENT AND ANCILLARIES USED FOR TESTS

No	Instrument/Ancillary	Type	Manufacturer	Serial No.
01	Spectrum Analyzer	FSEM 30	Rohde & Schwarz	826880/010
02	Signal Generator	SMY0	Rohde & Schwarz	836878/011
03	Power-Meter	NRVD	Rohde & Schwarz	0857.8008.02
04	Power Amlifier	250W1000	Amplifier Research	300031
05	Biconilog Antenna	3141	EMCO	0005-1186
06	Horn Antenna	SAS-200/571	AH Systems	325
07	Power Splitter	11667B	Hewlett Packard	645348
08	Climatic Chamber	VT4004	Votch	G1115
09	Pre-Amplifier	JS4-00102600	Miteq	00616
10	Power Sensor	URV5-Z2	Rohde & Schwarz	DE30807
11	Power Sensor	URV5-Z2	Rohde & Schwarz	DE30808

Brief Explanations on Processing Gain Data

1. The formula of Processing Gain is: Gp = (S/N)o +Mj + Lsys

    Where Gp: 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;
    > Lsys: test system loss. The measurement result to our test set-up is 2.0dB;
    > Mj: Jamming Margin. It is the ratio of jammer vs WLAN channel signal;

2. The purpose of the measurement here is to figure out Mj 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 Mj (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 fo, the jammer frequency has to scan from fo-8.5 MHz to fo+8.5MHz 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 = fo-8.5 =2437-8.5 = 2428.50 MHz;
    > (S/N)o—16.4 dB @11 Mb/s (see Item 1);
    > Lsys—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%;
    > Mj—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);
    > Gp—Processing Gain = (S/N)o + Mj + Lsys = 16.4 + 5.5 + 2.0 = 23.9 (dB).

    After having calculated out 340 Gps, use the percentile function of Microsoft Excel, the final Gp of 11Mb/s @ Ch 6 is 12.9 dB. At the same time, incorporate those 340 data into f—Gp 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.
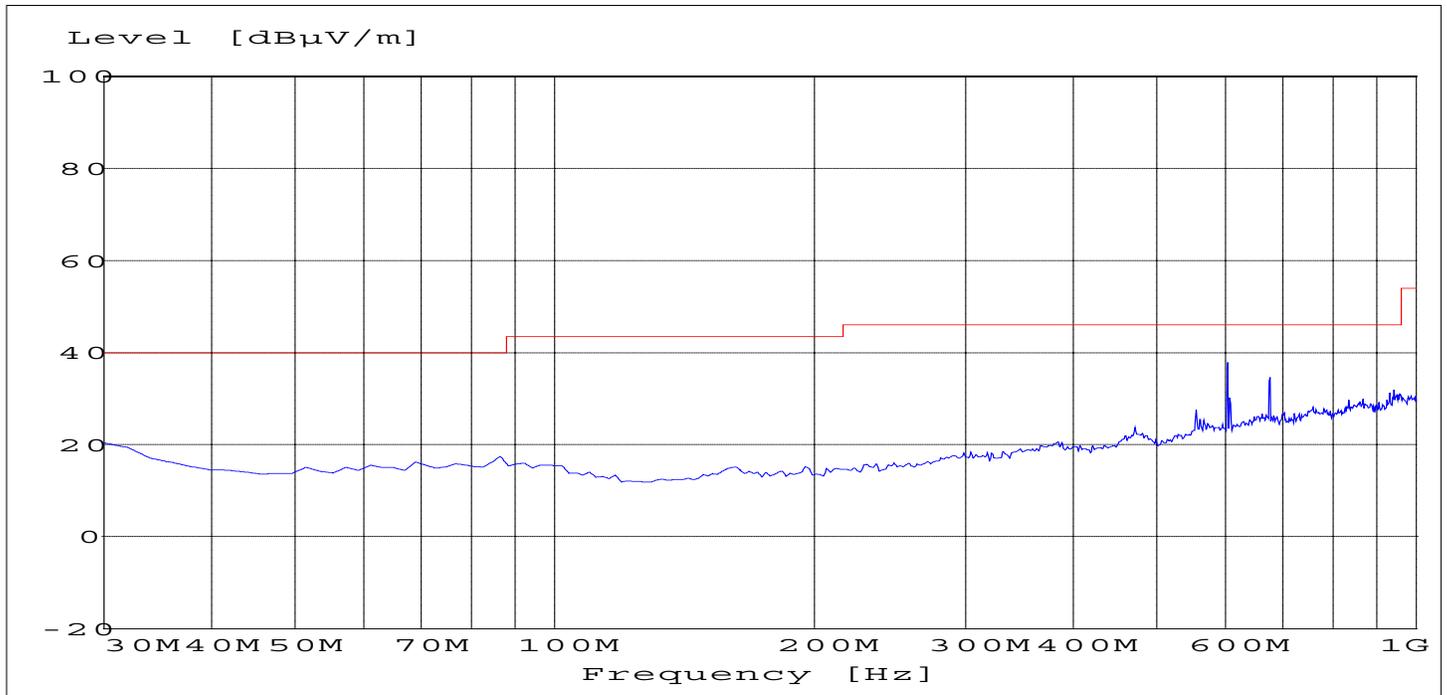
11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2428.50	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.55	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.60	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.65	23.8	16.4	5.4	2.0	-57.3	<=8.0
2428.70	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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

ISL37400M, rev A, s/n 38   Processing Gain 802UI   **Measured by:**
CH6 Processing Gain   **S. Rothwell**
11 MB Data Rate

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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) @ 11Mbs
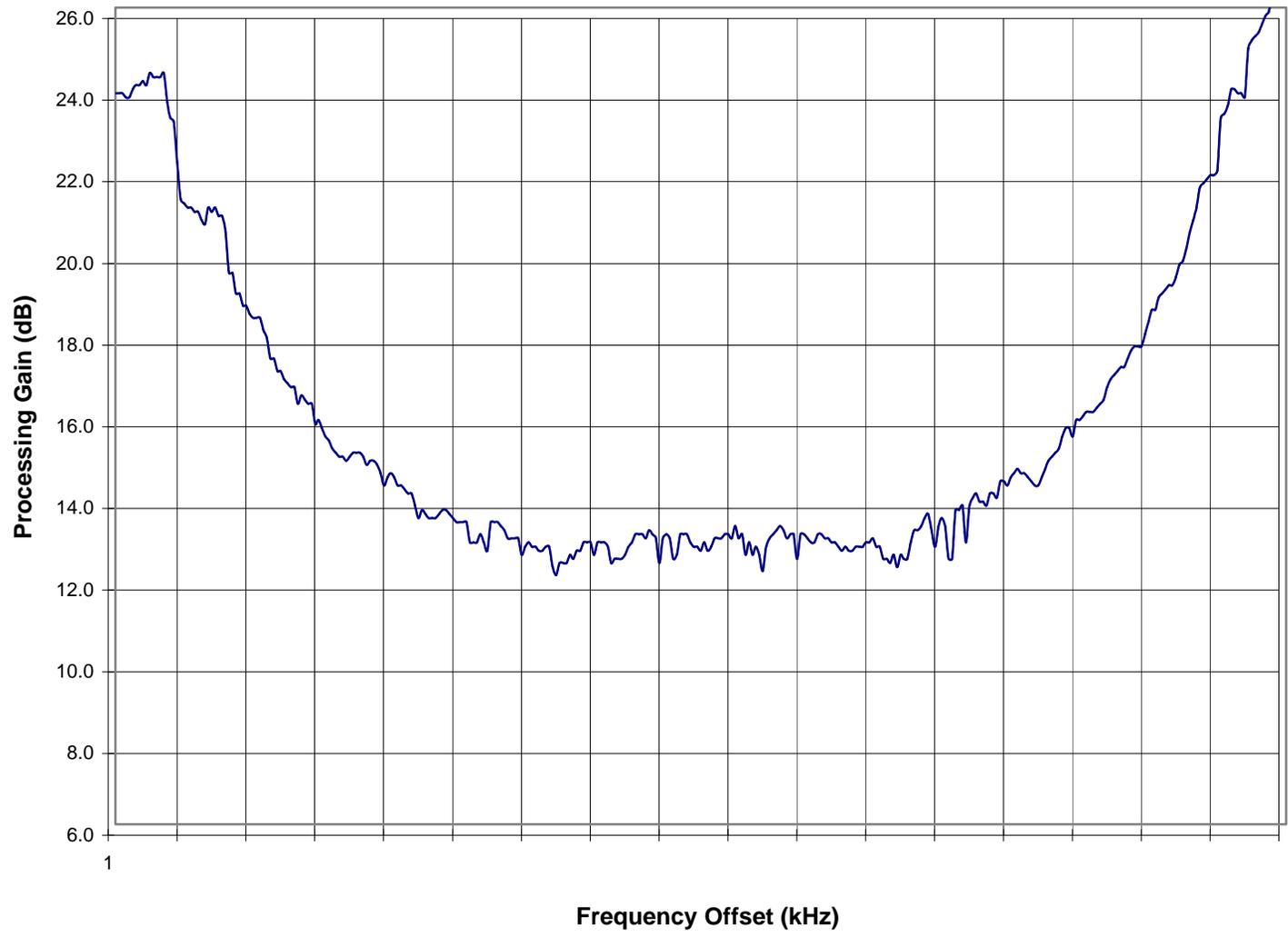
11Mbps CHANNEL 11 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2453.50	25.4	16.4	7.0	2.0	-55.2	<=8.0
2453.55	24.7	16.4	6.3	2.0	-55.9	<=8.0
2453.60	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.65	24.0	16.4	5.6	2.0	-56.6	<=8.0
2453.70	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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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	

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	

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   Processing Gain 802UI   **Measured by:**
CH11 Processing Gain   **S. Rothwell**
11 MB Data Rate

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) @ 11Mbs
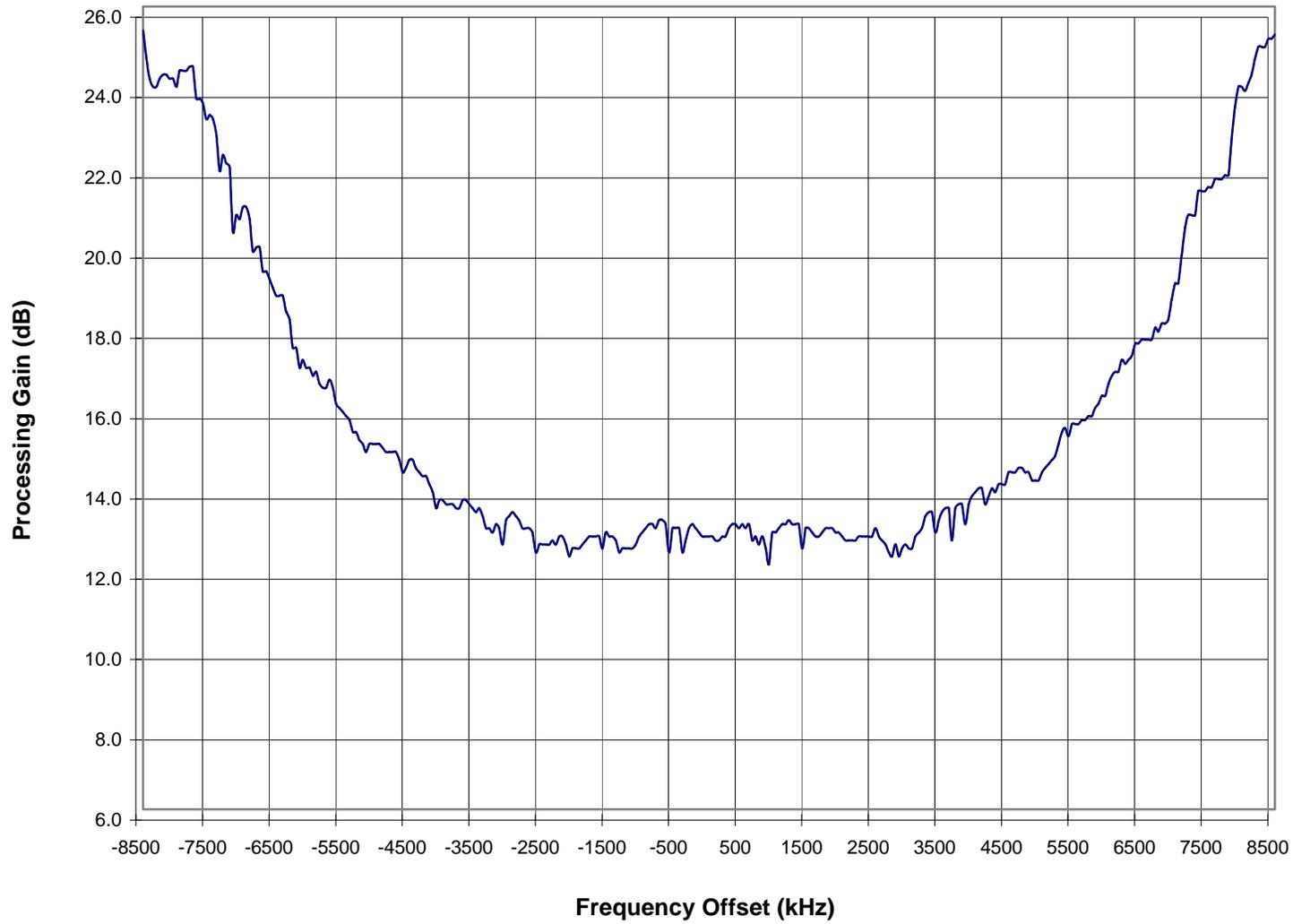
X-axis: **Frequency Offset (kHz)**
Y-axis: **Processing Gain (dB)**

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

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

ISL37400M, rev A, s/n 38
CH11 Processing Gain
11 MB Data Rate
Processing Gain 802UI
Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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		cessing Gain (dB) @ 80th Percentile =

Processing Gain
Channel 1 (fc=2412Mhz) @ 11Mbps
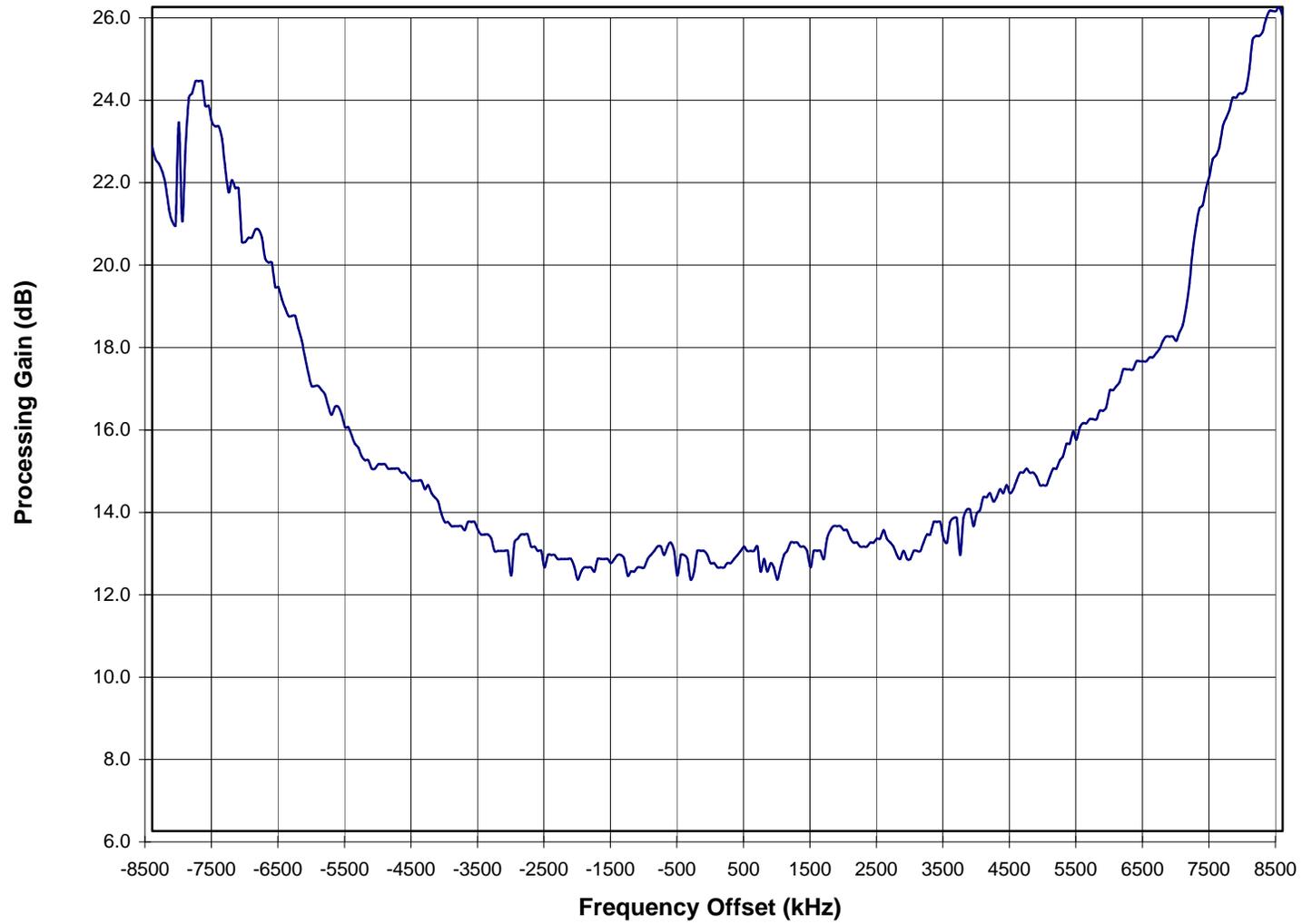
5.5Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2428.50	22.1	13.4	6.7	2.0	-55.4	<=8.0
2428.55	21.5	13.4	6.1	2.0	-56.0	<=8.0
2428.60	20.9	13.4	5.5	2.0	-56.6	<=8.0
2428.65	20.8	13.4	5.4	2.0	-56.7	<=8.0
2428.70	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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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	

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	

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
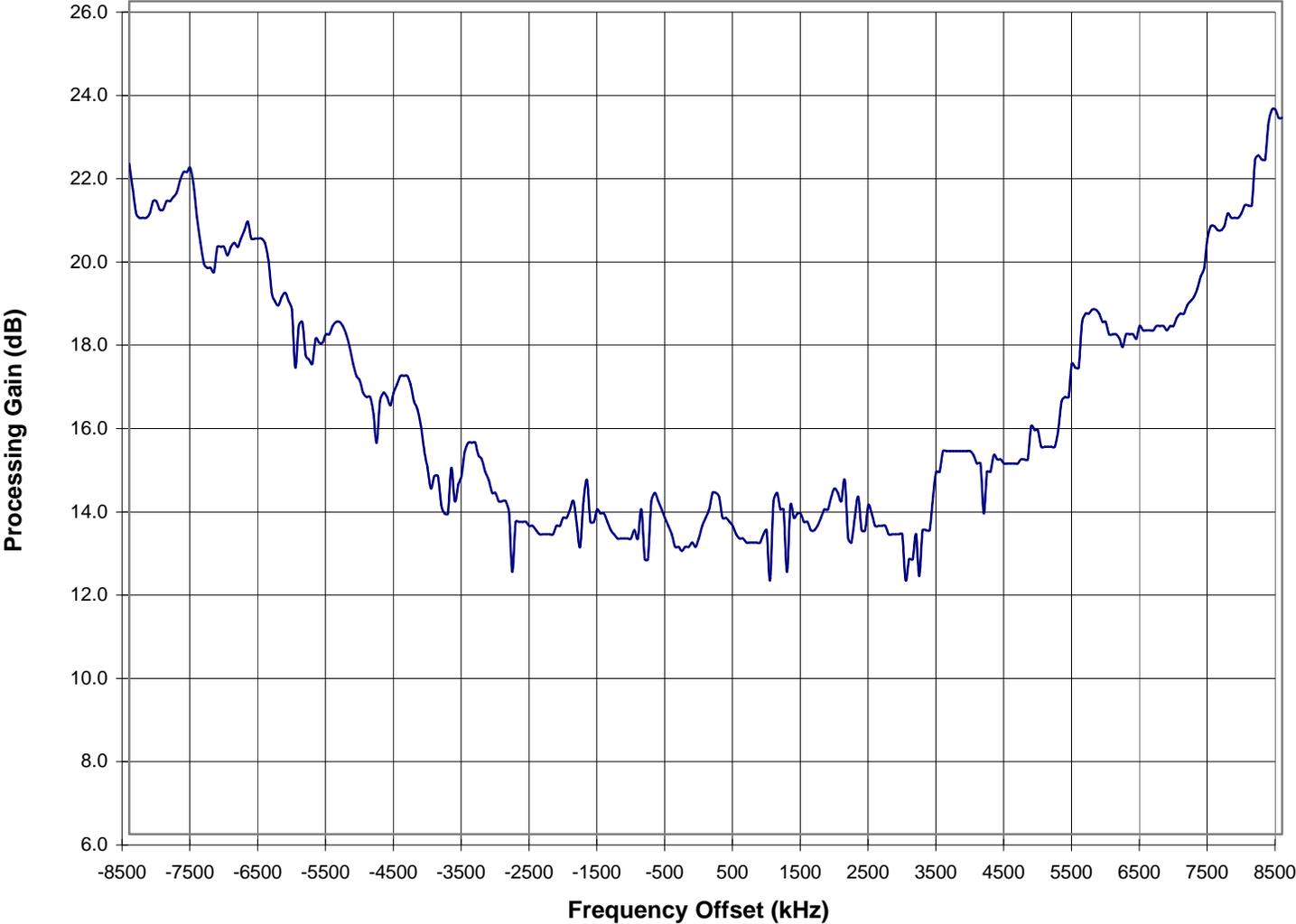
2Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2428.50	21.7	13.3	6.4	2.0	-55.8	<=8.0
2428.55	21.0	13.3	5.7	2.0	-56.5	<=8.0
2428.60	20.6	13.3	5.3	2.0	-56.9	<=8.0
2428.65	20.0	13.3	4.7	2.0	-57.5	<=8.0
2428.70	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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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		

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

Processing Gain 802UI

Measured by:
S. Rothwell

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
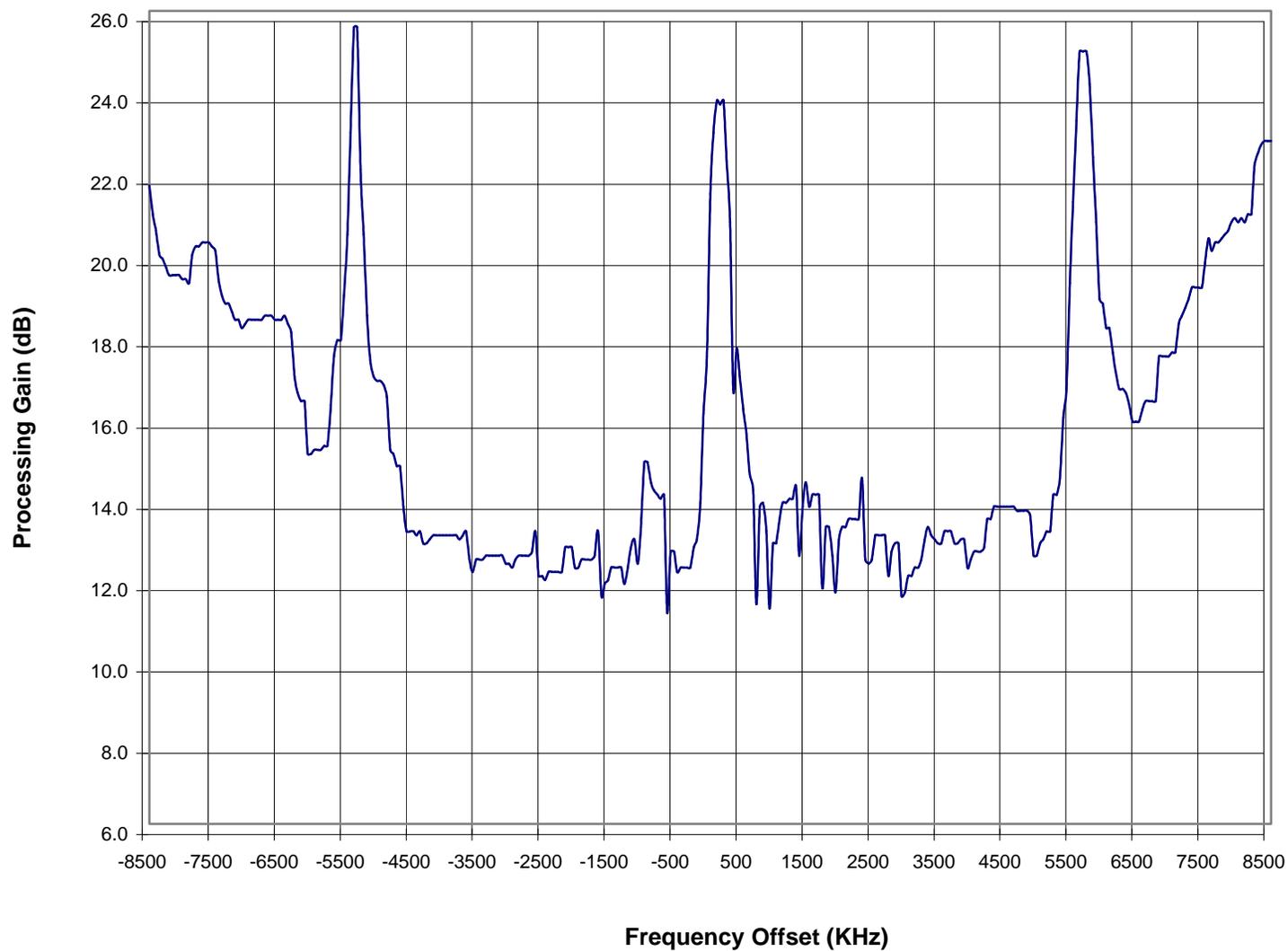
1Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq.	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	PER
(MHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(%)
2428.50	19.0	10.3	6.7	2.0	-54.1	<=8.0
2428.55	18.3	10.3	6.0	2.0	-54.8	<=8.0
2428.60	17.6	10.3	5.3	2.0	-55.5	<=8.0
2428.65	17.0	10.3	4.7	2.0	-56.1	<=8.0
2428.70	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						
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	15.6	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						
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	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						
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	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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

ISL37400M, rev A, s/n 38   Processing Gain 802UI   **Measured by:**
CH6 Processing Gain   **S. Rothwell**
1 MB Data Rate

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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

Processing Gain 802UI

Measured by:
S. Rothwell

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

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