A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Part 15 C Measurement Report

Report No.	:	**0812FR11**
Applicant	:	**iTMP Technology, Inc.**
Product Type	:	**SMHEART LINK**
Trade Mark	:	**SMHEART LINK^{TM}**
Product Model	:	**SL**
FCC ID	:	**WUU-SMHEART-01-01**
Dates of Test	:	**Nov. 12 ~ Dec. 12, 2008**
Test Specification	:	**Part 15 Subpart C (15.247)**
		PUBLIC NOTICE :DA 00-705 Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems
Location of Test Lab.	:	**Chang-an Lab.**

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full.

Country Huang 20081208
Measurement Center Manager

John Cheng 20081208
Testing Engineer

CERTIFICATION

We here by verify that:

The test data, data evaluation, test procedures and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4:2003. All test were conducted by *A Test Lab Techno Corp. No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)* Also, we attest to the accuracy of each.

We further submit that the energy emitted by the sample EUT tested as described in the report is in compliance with Class B radiated and conducted emission limit of FCC Rules Part 15 Subpart C (15.247).

EUT	:	**SMHEART LINK**
Applicant	:	**iTMP Technology, Inc.** **351 Paseo Nuevo Santa Barbara, CA93101 United States**
Trade Mark	:	**SMHEART LINK™**
Model No	:	**SL**
FCC ID	:	**WUU-SMHEART-01-01**

Approved by : **Country Huang 2008/12/08**

Prepared by : **John Cheng 2008/12/08**

A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City,Tao-Yuan County 334, Taiwan (R.O.C.)
Tel：03-2710188 / Fax：03-2710190

Contents

1. GENERAL

1.1 Description of Equipment under Test (EUT)

Applicant： **iTMP Technology, Inc.**
351 Paseo Nuevo Santa Barbara, CA93101 United States

Manufacturer	：	Billionton System Inc.
Manufacturer Address	：	No. 21, Sui-Lih Rd., Hsin-Chu, 300, Taiwan, R.O.C.
Product Type	：	SMHEART LINK
Trade Name	：	SMHEART LINK™
Model Name	：	SL
FCC ID	：	WUU-SMHEART-01-01
Input Rating	：	5Vdc / 1 A (AC Adapter) , 3.7V / 1100mAh (Battery)
Frequency of Channel	：	See Table 1
Type of Modulation	：	Direct Sequence Spread Spectrum
Type of Antenna	：	Internal Type
Antenna Gain	：	-2 dBi
Hardware	：	V06-2C-G
Software	：	R208

During testing the EUT was operated at Tx or Rx mode for each emission measured. This was done in order to ensure that maximum emission levels were attained.

802.11b/g Mode	
CH	**Frequency**
1	**2412**
2	**2417**
3	**2422**
4	**2427**
5	**2432**
6	**2437**
7	**2442**
8	**2447**
9	**2452**
10	**2457**
11	**2462**

Table 1. WLAN Frequency of Each Channel (Working Frequency)

1.2 Introduction

The following measurement report is submitted on behalf of **iTMP Technology, Inc.** In support of a Class B Digital Device certification in accordance with Part2 Subpart J and Part 15 Subpart A and B&C of the Commission's and Regulations.

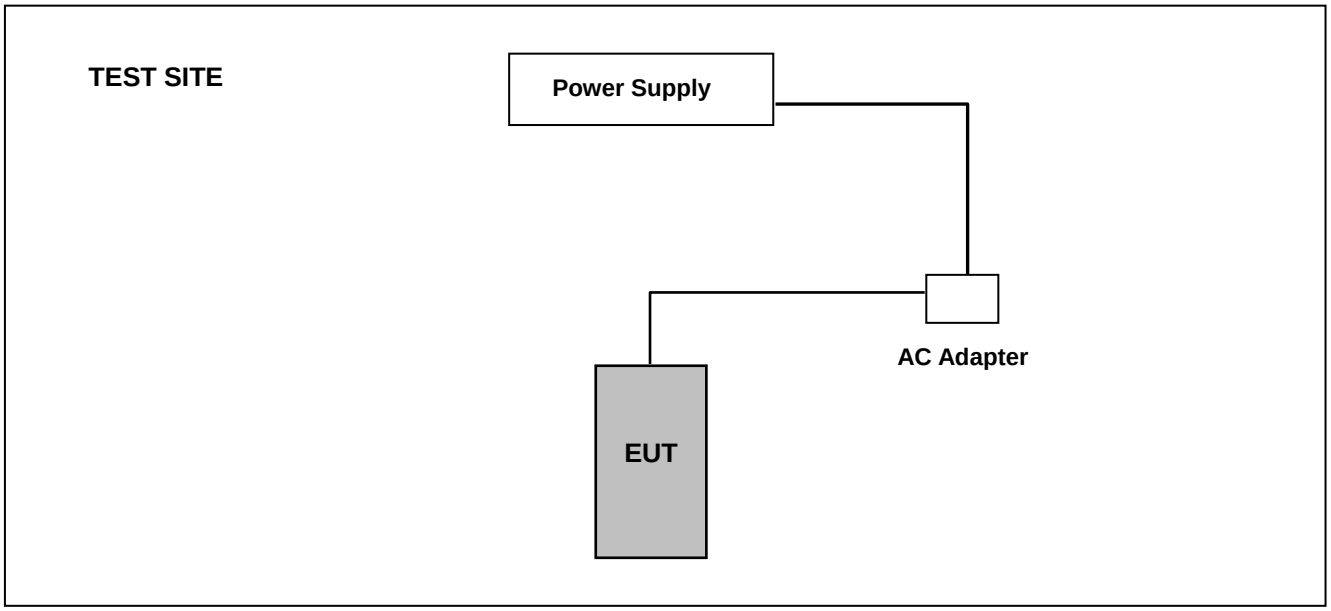
1.3 Summary of Tests

47 CFR Part 15 Subpart C			
Reference	**Test**	**Results**	**Note**
15.107	**AC Power Conducted Emission**	**PASS**	
15.247(c)	**Transmitter Radiated Emissions**	**PASS**	
15.247(b)	**Max. Output Power**	**PASS**	
15.247(a)(2)	**6dB RF Bandwidth**	**PASS**	
15.247(d)	**Max. Power Density**	**PASS**	
15.247(c)	**Out of Band Conducted Spurious Emission**	**PASS**	
15.247(c)	**Band Edge Measurement**	**PASS**	
15.203	**Antenna Requirement**	**PASS**	

1.4 Description of Support Equipment

Computer	**: DELL**
Model No.	**: PP49L**
Serial No.	**: UF230 A03**
FCC ID	**: E2KWM3945ABC**
Keyboard	**: DELL**
Model No.	**: SK-8115**
Serial No.	**: MY-0DJ325-71619-7113-1366**
FCC ID	**: FCC DOC**
Monitor	**: DELL**
Model No.	**: E177FPc**
Serial No.	**: CN-0FJ179-64180-6BT-4LYS**
FCC ID	**: FCC DOC**
Mouse	**: DELL**
Model No.	**: M056U0A**
Serial No.	**: F1F026E1**
FCC ID	**: FCC DOC**
Printer	**: EPSON**
Model No.	**: C60**
Serial No.	**: DR3K041323**
FCC ID	**: FCC DOC**

1.5 Configuration of System under Test



During EMI testing (LINK) the EUT (SMHEART LINK)'s Power port was connected to AC Adapter.

1.6 Test Procedure

All measurements contained in this report were performed according to the techniques described in Measurement procedure ANSI C63.4-2003 "Measurement of un-Intentional Radiators."

1.7 General Test Condition

The conditions under which the EUT operates were varied to determine their effect on the equipment's emission characteristics. The final configuration of the test system and the mode of operation used during these tests were chosen as that which produced the highest emission levels. However, only those conditions which the EUT was considered likely to encounter in normal use were investigated. The system's radiated and conducted emissions were investigated while the computer alternately transferred data to the EUT as well as to the monitor and printer. Using a test program which sent a continuous data and transferred data to and from the EUT was proven to worst case emissions. The system's physical layout and cabling was randomly arranged to ensure that maximum emission levels were attained.

2. Conducted Emissions Requirements

2.1 General & Setup:

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in paragraph 2.6.

2.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Advantest	R3132	160300103	Mar. 06, 2008	Mar. 06, 2009
Test Receiver	R&S	ESCI	100367	Jun. 05, 2008	Jun. 05, 2009
LISN	EMCO	3816/2 SH	00060110	Jun. 04, 2008	Jun. 04, 2009
LISN	EMCO	3816/2 SH	00060111	Jun. 30, 2008	Jun. 13, 2009
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Jun. 26, 2008	Jun. 26, 2009

2.3 Test Configuration:

Figure 1. Front View of the Test Configuration

Figure 2. Rear View of the Test Configuration

2.4 Test condition:

EUT tested in accordance with the specifications given by the Manufacturer, and exercised in the most unfavorable manner.

2.5 Conducted Emissions Limits:

Frequency range (MHz)	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50

2.6 Measurement Data of Conducted Emissions:

2.6.1 Conducted Emissions (Subpart C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : Stand By Mode
Test Date : 11/24/2008
Please refer to next pager of detail testing data.
Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

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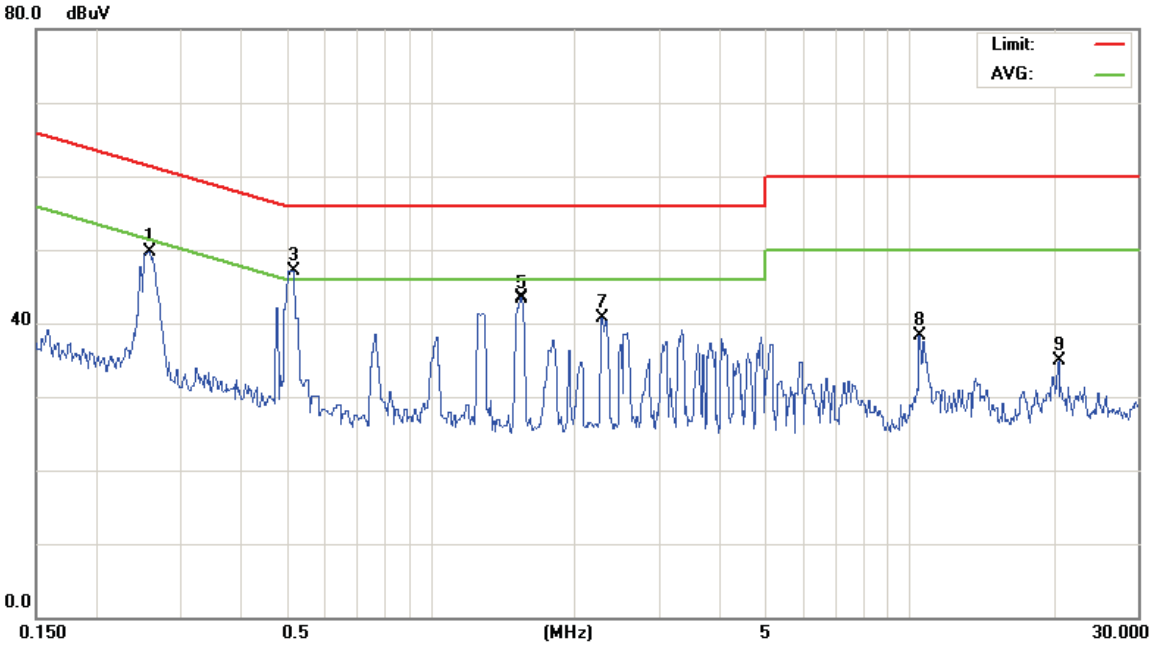

Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: IDLE

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2578	39.92	9.75	49.67	61.50	-11.83	peak	
2		0.2578	25.85	9.75	35.60	51.50	-15.90	AVG	
3	*	0.5180	37.40	9.79	47.19	56.00	-8.81	peak	
4		0.5180	23.31	9.79	33.10	46.00	-12.90	AVG	
5		1.5439	33.59	9.81	43.40	56.00	-12.60	peak	
6		1.5439	21.29	9.81	31.10	46.00	-14.90	AVG	
7		2.2729	30.74	9.87	40.61	56.00	-15.39	peak	
8		10.5000	28.29	10.04	38.33	60.00	-21.67	peak	
9		20.4000	24.44	10.38	34.82	60.00	-25.18	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

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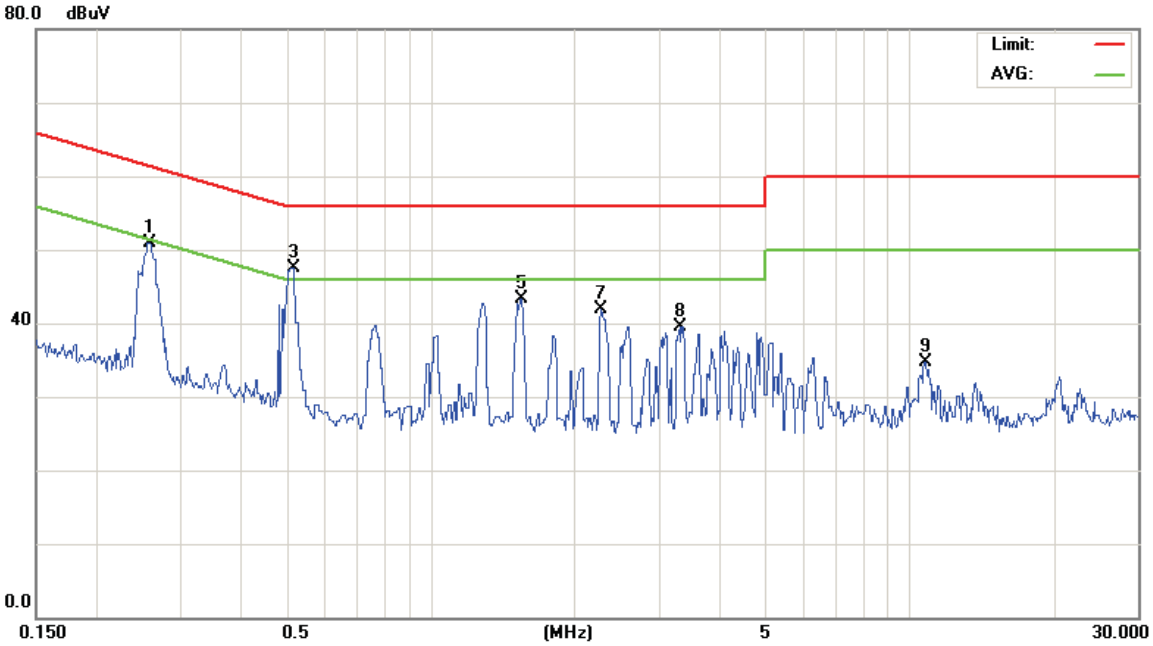

Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: IDLE

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2584	41.24	9.75	50.99	61.48	-10.49	peak	
2		0.2584	28.15	9.75	37.90	51.48	-13.58	AVG	
3	*	0.5180	37.69	9.79	47.48	56.00	-8.52	peak	
4		0.5180	26.81	9.79	36.60	46.00	-9.40	AVG	
5		1.5439	33.49	9.81	43.30	56.00	-12.70	peak	
6		1.5439	23.99	9.81	33.80	46.00	-12.20	AVG	
7		2.2639	32.08	9.87	41.95	56.00	-14.05	peak	
8		3.3079	29.62	9.93	39.55	56.00	-16.45	peak	
9		10.7500	24.66	10.07	34.73	60.00	-25.27	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

2.6.2 Conducted Emissions (Subpart C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11b CH Low & Middle & High
Test Date : 11/24 ~ 11/25/2008

Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

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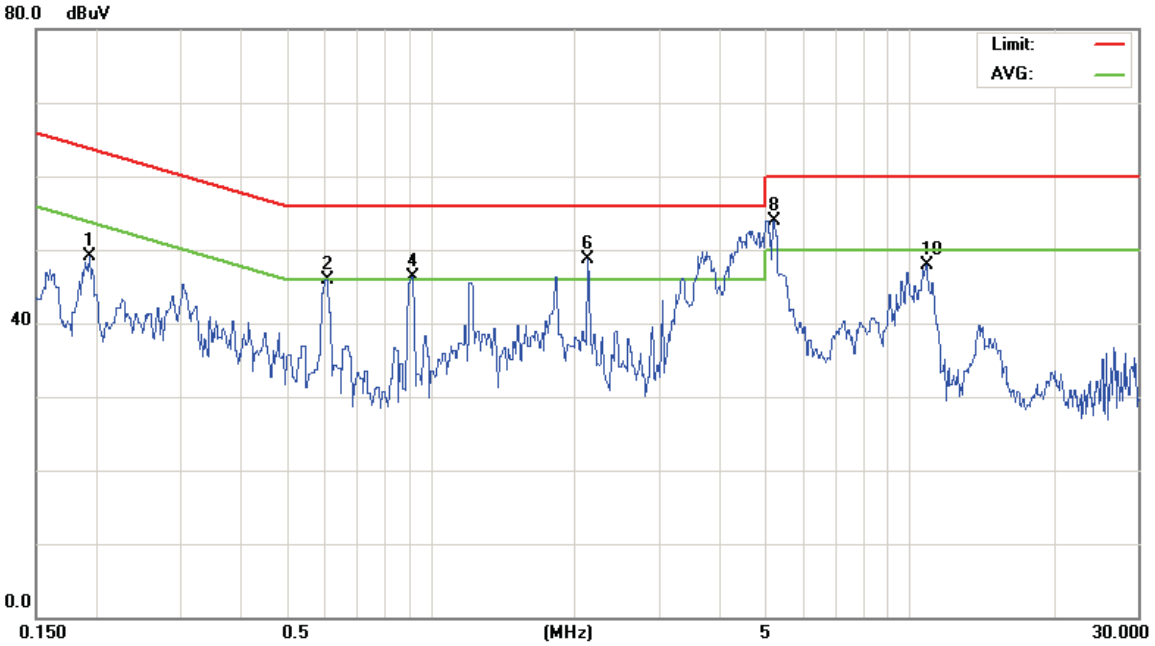

Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1934	39.30	9.74	49.04	63.88	-14.84	peak	
2		0.6080	36.17	9.79	45.96	56.00	-10.04	peak	
3		0.6080	27.11	9.79	36.90	46.00	-9.10	AVG	
4		0.9140	36.48	9.81	46.29	56.00	-9.71	peak	
5		0.9140	25.29	9.81	35.10	46.00	-10.90	AVG	
6		2.1290	38.74	9.88	48.62	56.00	-7.38	peak	
7		2.1290	23.12	9.88	33.00	46.00	-13.00	AVG	
8	*	5.2000	43.85	10.07	53.92	60.00	-6.08	peak	
9		5.2000	24.03	10.07	34.10	50.00	-15.90	AVG	
10		10.8000	37.85	10.07	47.92	60.00	-12.08	peak	
11		10.8000	17.03	10.07	27.10	50.00	-22.90	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

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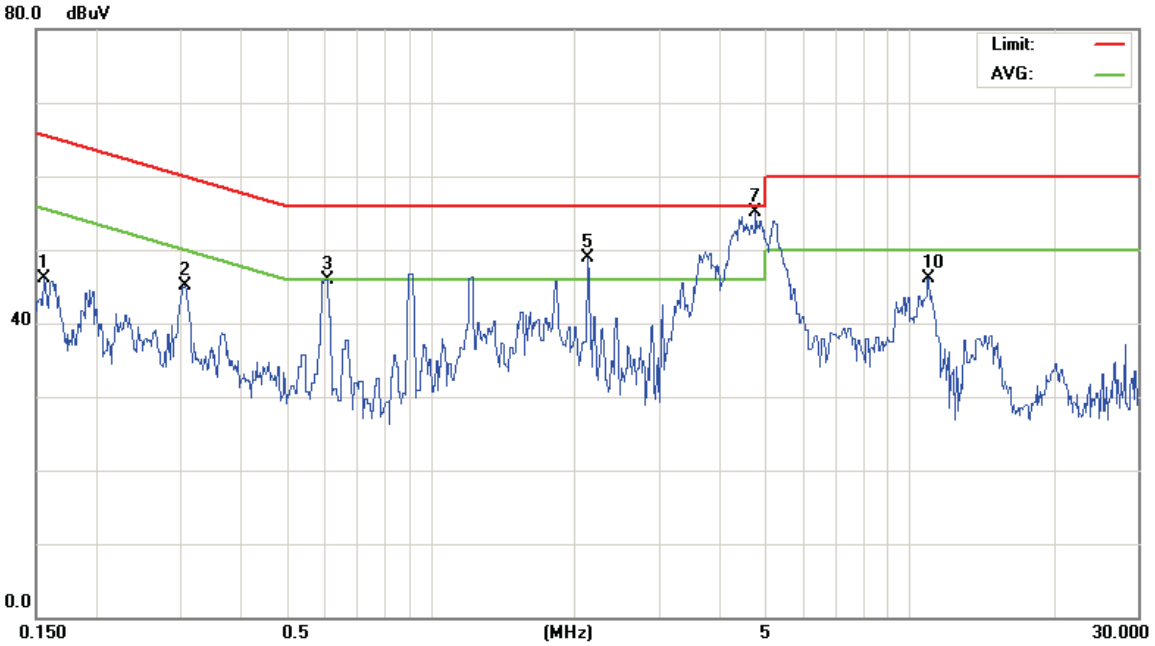

Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1556	36.32	9.73	46.05	65.69	-19.64	peak	
2		0.3060	35.42	9.77	45.19	60.08	-14.89	peak	
3		0.6080	36.14	9.79	45.93	56.00	-10.07	peak	
4		0.6080	23.81	9.79	33.60	46.00	-12.40	AVG	
5		2.1289	39.05	9.88	48.93	56.00	-7.07	peak	
6		2.1289	21.92	9.88	31.80	46.00	-14.20	AVG	
7	*	4.7569	45.16	10.01	55.17	56.00	-0.83	peak	
8		4.7569	37.29	10.01	47.30	56.00	-8.70	QP	
9		4.7569	21.79	10.01	31.80	46.00	-14.20	AVG	
10		10.9500	35.95	10.10	46.05	60.00	-13.95	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

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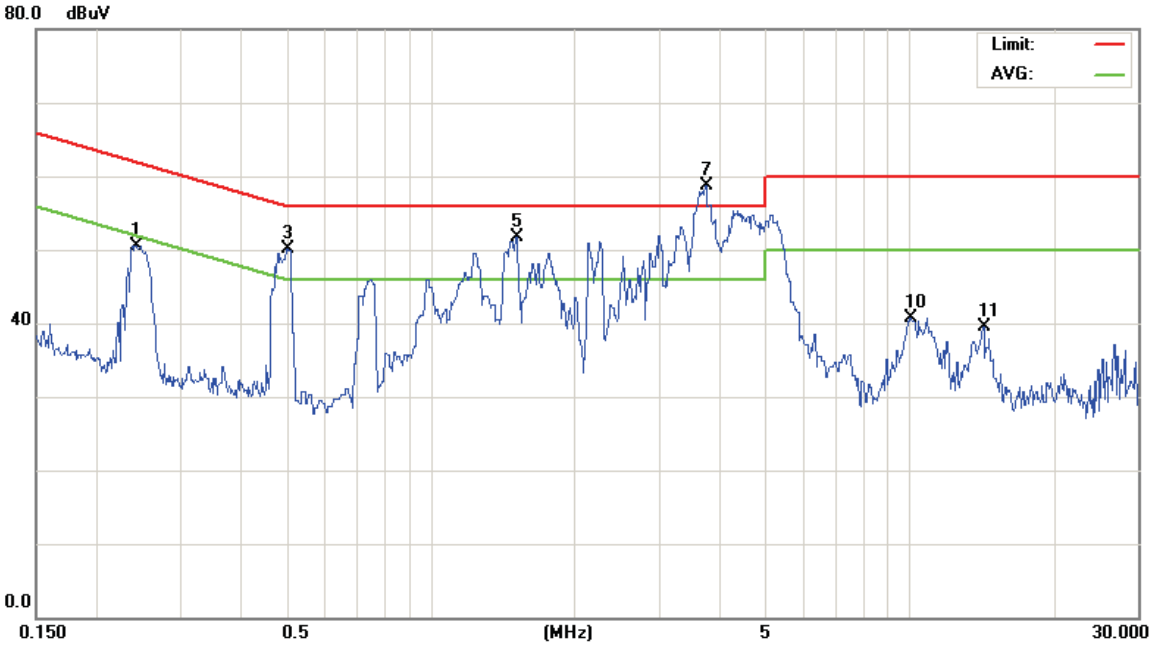

Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2417	40.76	9.75	50.51	62.03	-11.52	peak	
2		0.2417	31.35	9.75	41.10	52.03	-10.93	AVG	
3		0.5000	40.29	9.78	50.07	56.00	-5.93	peak	
4		0.5000	32.02	9.78	41.80	46.00	-4.20	AVG	
5		1.5170	41.93	9.81	51.74	56.00	-4.26	peak	
6		1.5170	27.49	9.81	37.30	46.00	-8.70	AVG	
7	*	3.7400	48.84	9.95	58.79	56.00	2.79	peak	
8		3.7400	43.15	9.95	53.10	56.00	-2.90	QP	
9		3.7400	30.85	9.95	40.80	46.00	-5.20	AVG	
10		10.0500	30.67	10.08	40.75	60.00	-19.25	peak	
11		14.2500	29.33	10.20	39.53	60.00	-20.47	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

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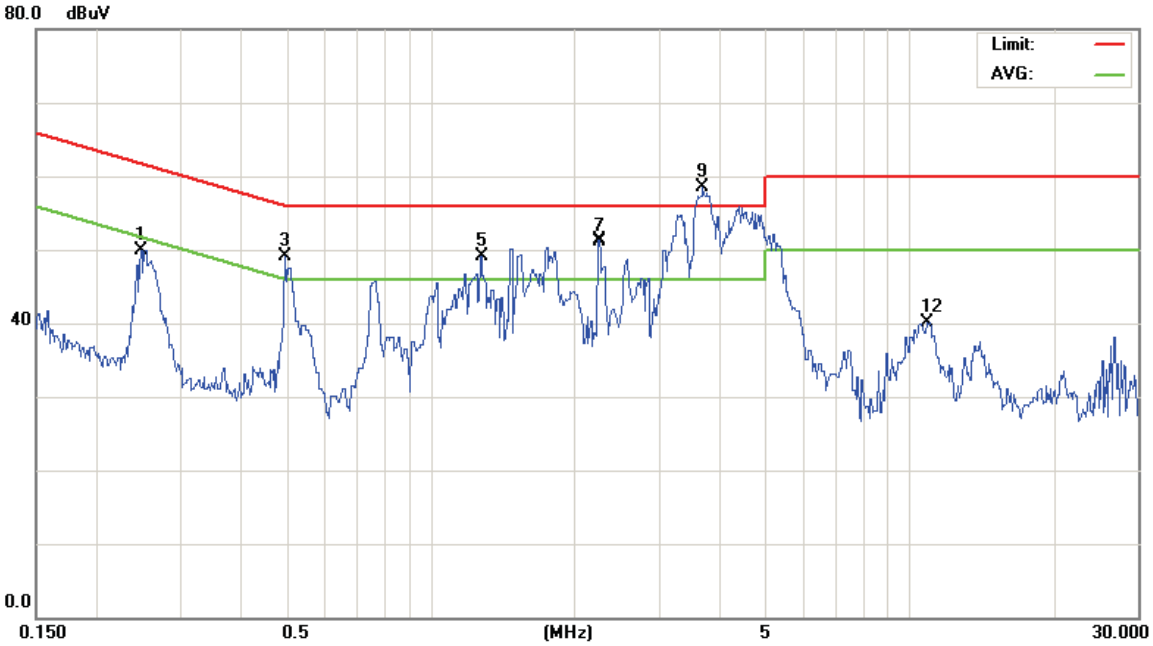

Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2480	40.18	9.75	49.93	61.82	-11.89	peak	
2		0.2480	19.05	9.75	28.80	51.82	-23.02	AVG	
3		0.4951	39.29	9.78	49.07	56.08	-7.01	peak	
4		0.4951	21.12	9.78	30.90	46.08	-15.18	AVG	
5		1.2740	39.27	9.81	49.08	56.00	-6.92	peak	
6		1.2740	20.99	9.81	30.80	46.00	-15.20	AVG	
7		2.2370	41.32	9.88	51.20	56.00	-4.80	peak	
8		2.2370	18.12	9.88	28.00	46.00	-18.00	AVG	
9	*	3.6950	48.64	9.94	58.58	56.00	2.58	peak	
10		3.6950	42.96	9.94	52.90	56.00	-3.10	QP	
11		3.6950	24.46	9.94	34.40	46.00	-11.60	AVG	
12		10.8500	29.96	10.08	40.04	60.00	-19.96	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

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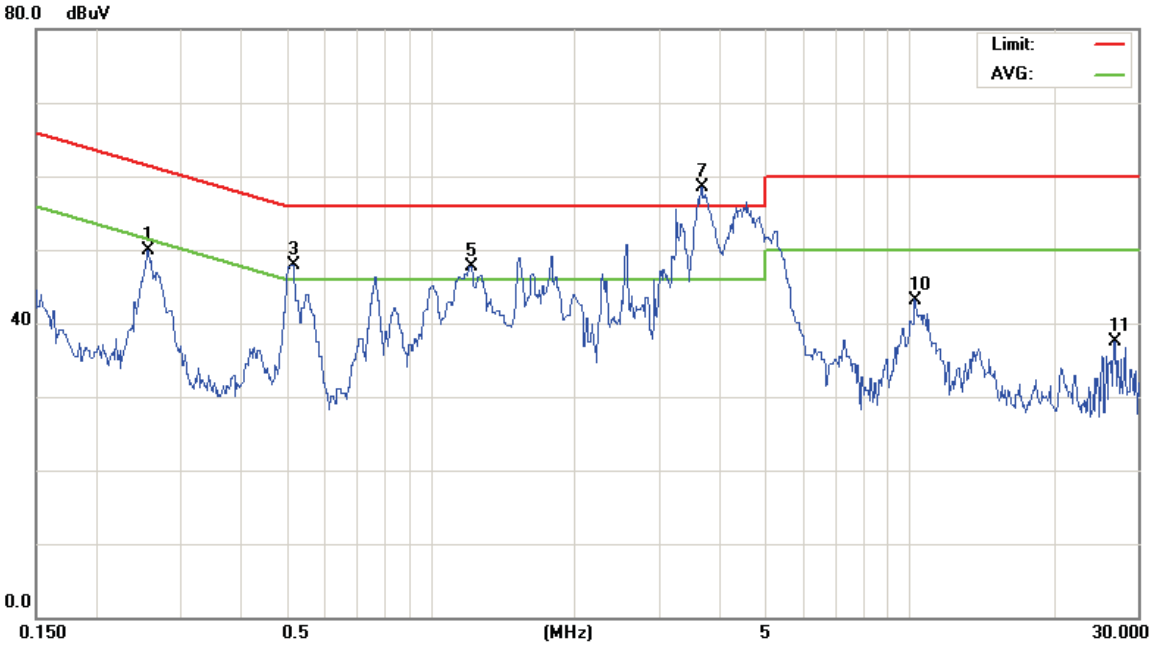

Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2564	40.08	9.75	49.83	61.54	-11.71	peak	
2		0.2564	28.15	9.75	37.90	51.54	-13.64	AVG	
3		0.5180	38.05	9.79	47.84	56.00	-8.16	peak	
4		0.5180	28.51	9.79	38.30	46.00	-7.70	AVG	
5		1.2109	37.84	9.81	47.65	56.00	-8.35	peak	
6		1.2109	26.79	9.81	36.60	46.00	-9.40	AVG	
7	*	3.6680	48.58	9.93	58.51	56.00	2.51	peak	
8		3.6680	42.07	9.93	52.00	56.00	-4.00	QP	
9		3.6680	30.27	9.93	40.20	46.00	-5.80	AVG	
10		10.2500	33.14	10.06	43.20	60.00	-16.80	peak	
11		26.7000	27.28	10.20	37.48	60.00	-22.52	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

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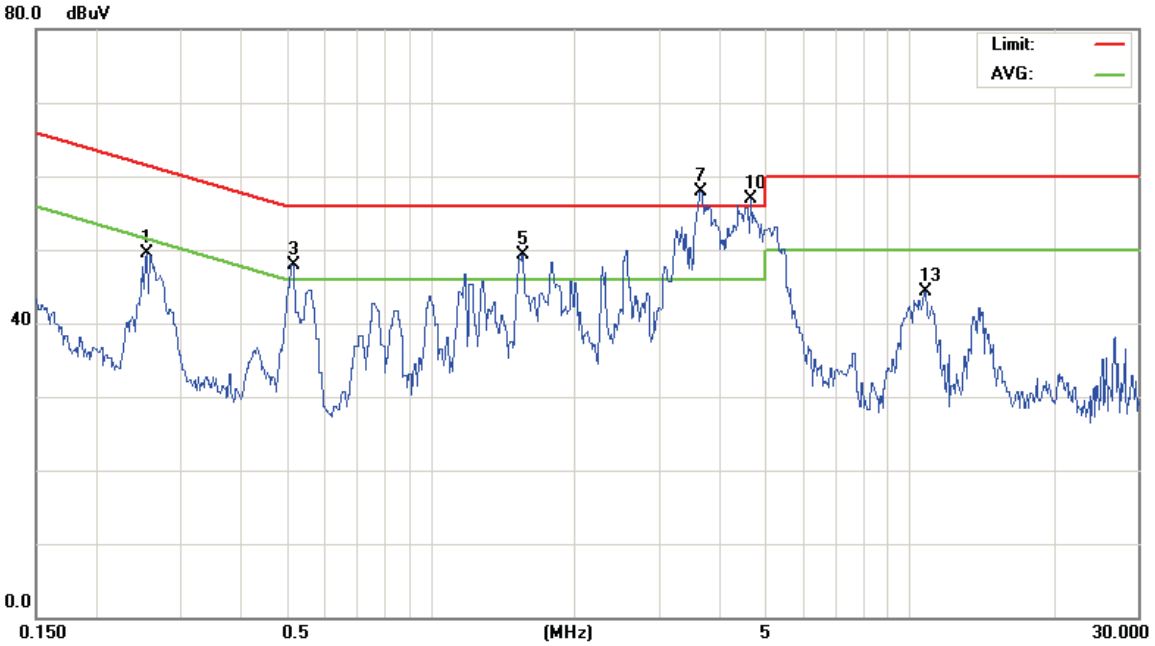


Site site#1 Phase: L2 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11b

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2550	39.73	9.75	49.48	61.59	-12.11	peak	
2		0.2550	18.25	9.75	28.00	51.59	-23.59	AVG	
3		0.5180	38.19	9.79	47.98	56.00	-8.02	peak	
4		0.5180	19.61	9.79	29.40	46.00	-16.60	AVG	
5		1.5530	39.45	9.81	49.26	56.00	-6.74	peak	
6		1.5530	21.79	9.81	31.60	46.00	-14.40	AVG	
7	*	3.6500	47.95	9.93	57.88	56.00	1.88	peak	
8		3.6500	44.57	9.93	54.50	56.00	-1.50	QP	
9		3.6500	23.87	9.93	33.80	46.00	-12.20	AVG	
10	X	4.6490	46.97	10.01	56.98	56.00	0.98	peak	
11		4.6490	39.49	10.01	49.50	56.00	-6.50	QP	
12		4.6490	23.49	10.01	33.50	46.00	-12.50	AVG	
13		10.7500	34.30	10.07	44.37	60.00	-15.63	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

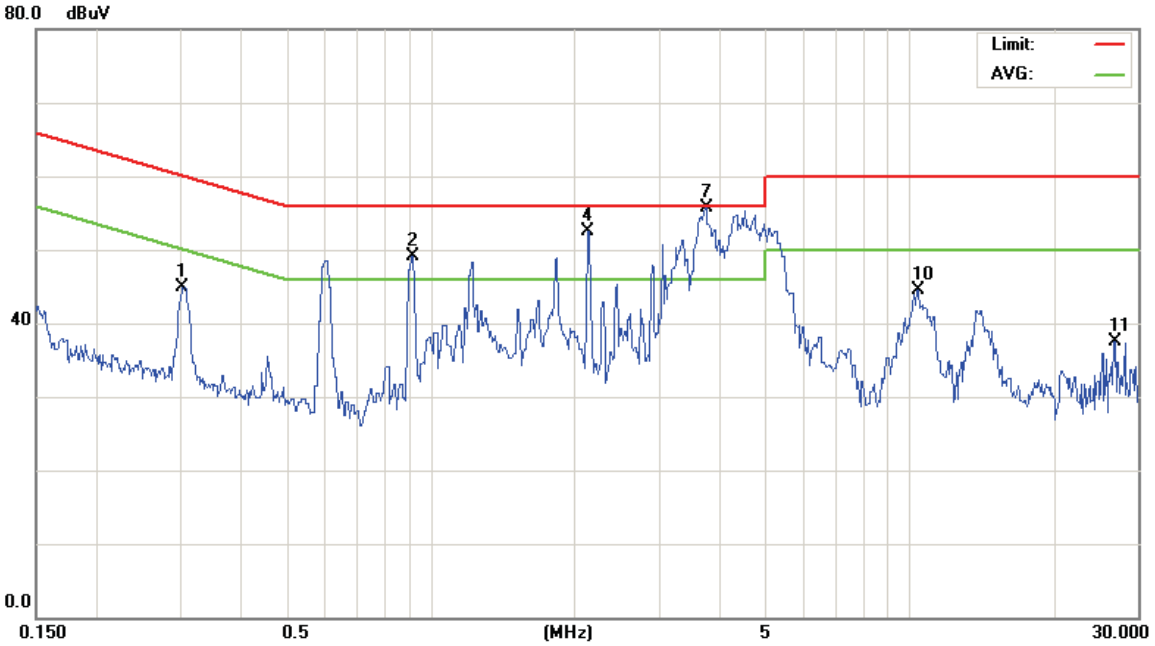
2.6.3 Conducted Emissions (Subpart C)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11g CH Low & Middle & High
Test Date : 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :PSC05R-050(WIFI) Data :#7 Date: 2008-11-25 Time: 下午 02:05:20



Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

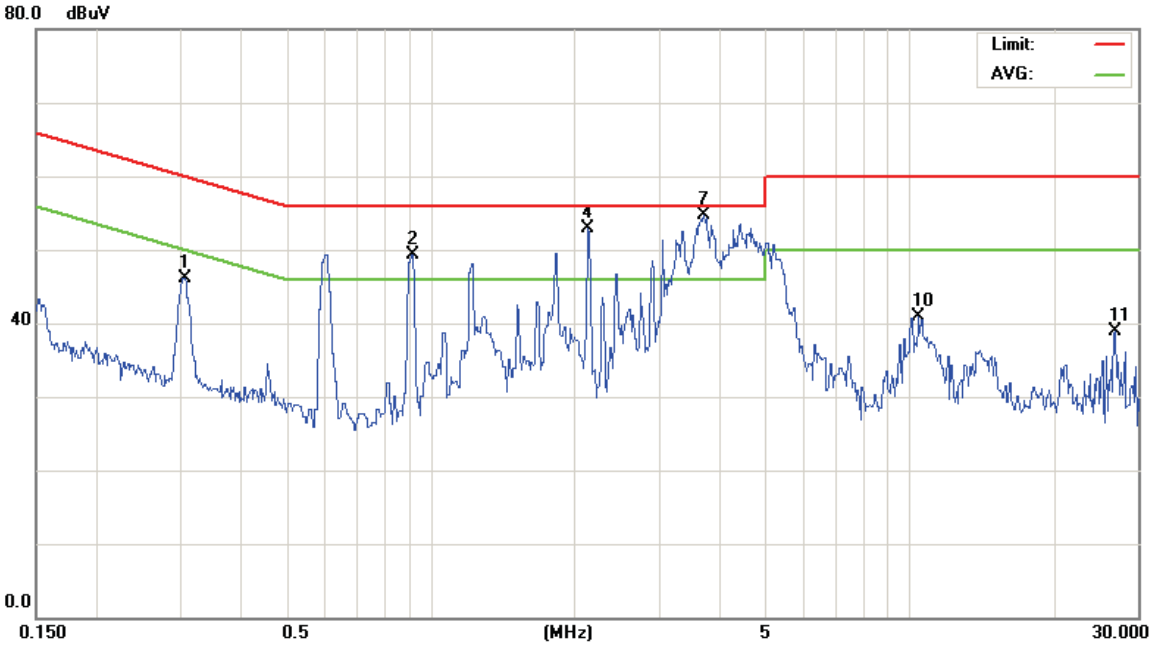
Mode: WIFI 11g

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3033	35.17	9.77	44.94	60.15	-15.21	peak	
2		0.9140	39.27	9.81	49.08	56.00	-6.92	peak	
3		0.9140	32.79	9.81	42.60	46.00	-3.40	AVG	
4		2.1290	42.61	9.88	52.49	56.00	-3.51	peak	
5		2.1290	38.72	9.88	48.60	56.00	-7.40	QP	
6		2.1290	30.72	9.88	40.60	46.00	-5.40	AVG	
7	*	3.7400	45.77	9.95	55.72	56.00	-0.28	peak	
8		3.7400	43.45	9.95	53.40	56.00	-2.60	QP	
9		3.7400	29.95	9.95	39.90	46.00	-6.10	AVG	
10		10.3500	34.50	10.06	44.56	60.00	-15.44	peak	
11		26.7000	27.40	10.20	37.60	60.00	-22.40	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :PSC05R-050(WIFI) Data :#8 Date: 2008-11-25 Time: 下午 02:50:50



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

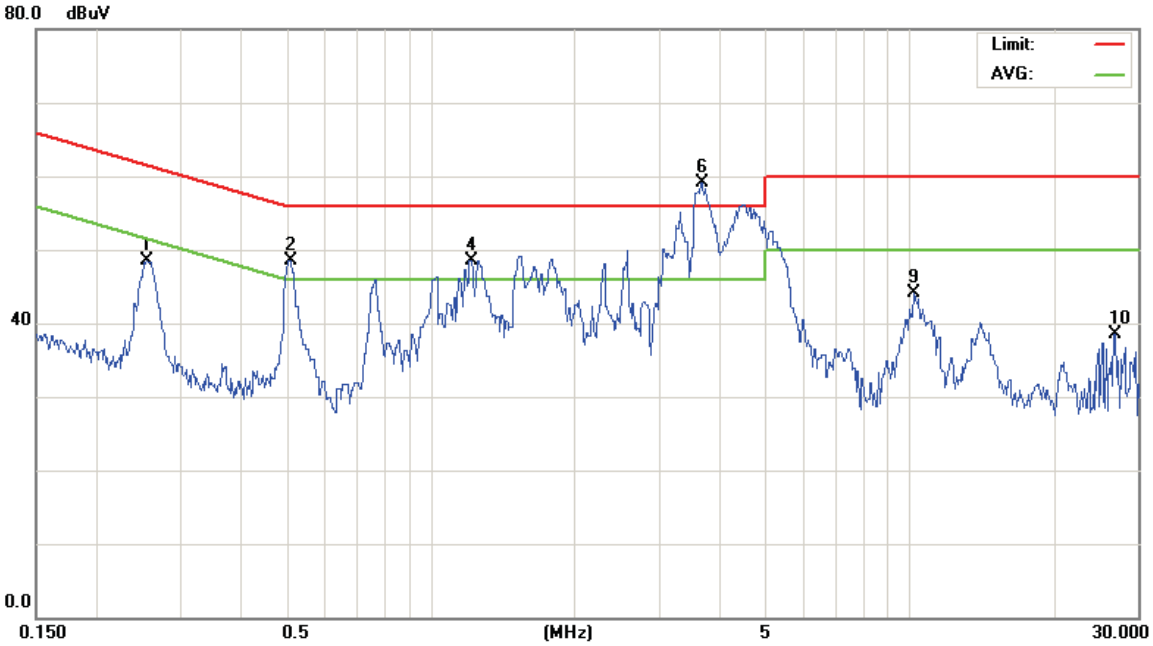
Mode: WIFI 11g

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3061	36.42	9.77	46.19	60.07	-13.88	peak	
2		0.9140	39.58	9.81	49.39	56.00	-6.61	peak	
3		0.9140	25.29	9.81	35.10	46.00	-10.90	AVG	
4		2.1290	42.98	9.88	52.86	56.00	-3.14	peak	
5		2.1290	30.22	9.88	40.10	56.00	-15.90	QP	
6		2.1290	20.12	9.88	30.00	46.00	-16.00	AVG	
7	*	3.7130	44.76	9.94	54.70	56.00	-1.30	peak	
8		3.7130	44.06	9.94	54.00	56.00	-2.00	QP	
9		3.7130	25.66	9.94	35.60	46.00	-10.40	AVG	
10		10.4500	30.84	10.05	40.89	60.00	-19.11	peak	
11		26.7000	28.64	10.20	38.84	60.00	-21.16	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :PSC05R-050(WIFI) Data :#9 Date: 2008-11-25 Time: 下午 03:33:58



Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

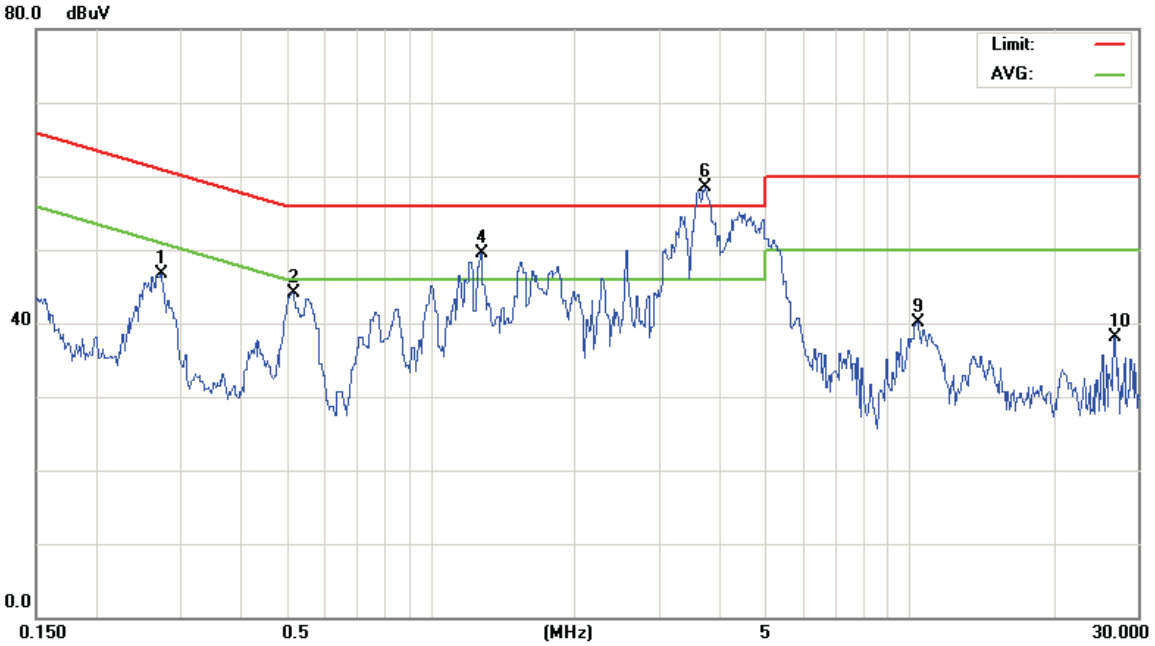
Mode: WIFI 11g

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2550	38.81	9.75	48.56	61.59	-13.03	peak	
2		0.5090	38.70	9.79	48.49	56.00	-7.51	peak	
3		0.5090	29.71	9.79	39.50	46.00	-6.50	AVG	
4		1.2109	38.64	9.81	48.45	56.00	-7.55	peak	
5		1.2109	26.29	9.81	36.10	46.00	-9.90	AVG	
6	*	3.6679	49.17	9.93	59.10	56.00	3.10	peak	
7		3.6679	42.37	9.93	52.30	56.00	-3.70	QP	
8		3.6679	30.27	9.93	40.20	46.00	-5.80	AVG	
9		10.2000	34.05	10.07	44.12	60.00	-15.88	peak	
10		26.7000	28.36	10.20	38.56	60.00	-21.44	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :PSC05R-050(WIFI) Data :#10 Date: 2008-11-25 Time: 下午 04:05:58



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

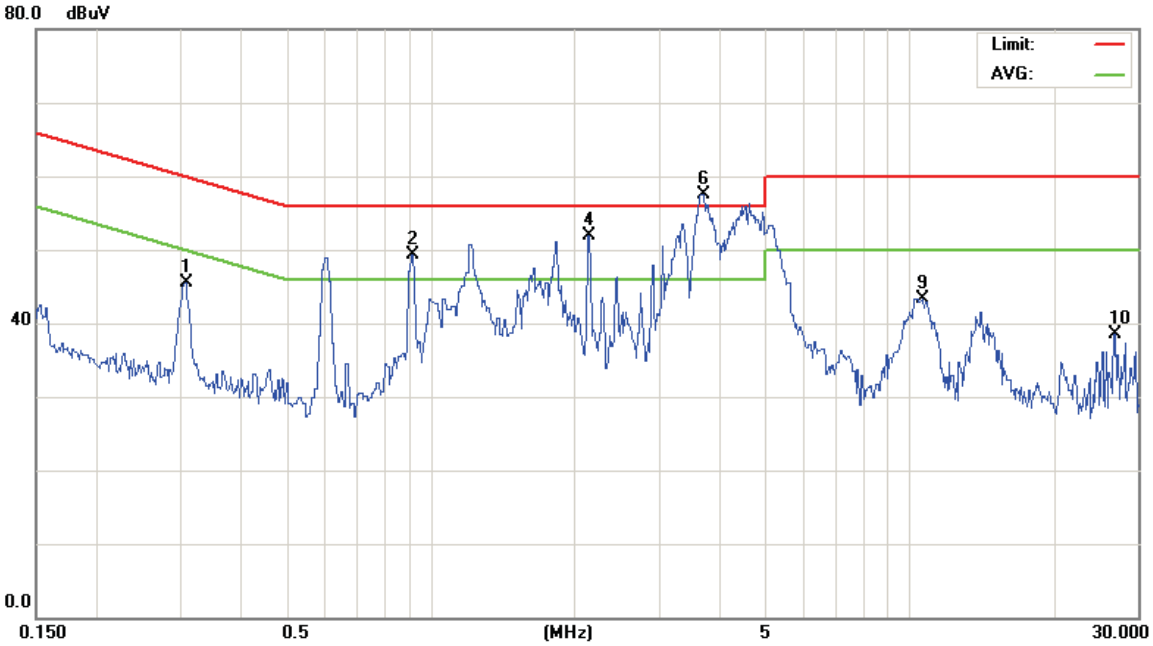
Mode: WIFI 11g

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2732	36.87	9.76	46.63	61.02	-14.39	peak	
2		0.5180	34.34	9.79	44.13	56.00	-11.87	peak	
3		0.5180	19.31	9.79	29.10	46.00	-16.90	AVG	
4		1.2740	39.78	9.81	49.59	56.00	-6.41	peak	
5		1.2740	20.69	9.81	30.50	46.00	-15.50	AVG	
6	*	3.7310	48.59	9.95	58.54	56.00	2.54	peak	
7		3.7310	44.35	9.95	54.30	56.00	-1.70	QP	
8		3.7310	24.95	9.95	34.90	46.00	-11.10	AVG	
9		10.3500	30.04	10.06	40.10	60.00	-19.90	peak	
10		26.7000	27.94	10.20	38.14	60.00	-21.86	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :PSC05R-050(WIFI) Data :#11 Date: 2008-11-25 Time: 下午 04:33:54



Site site#1 Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

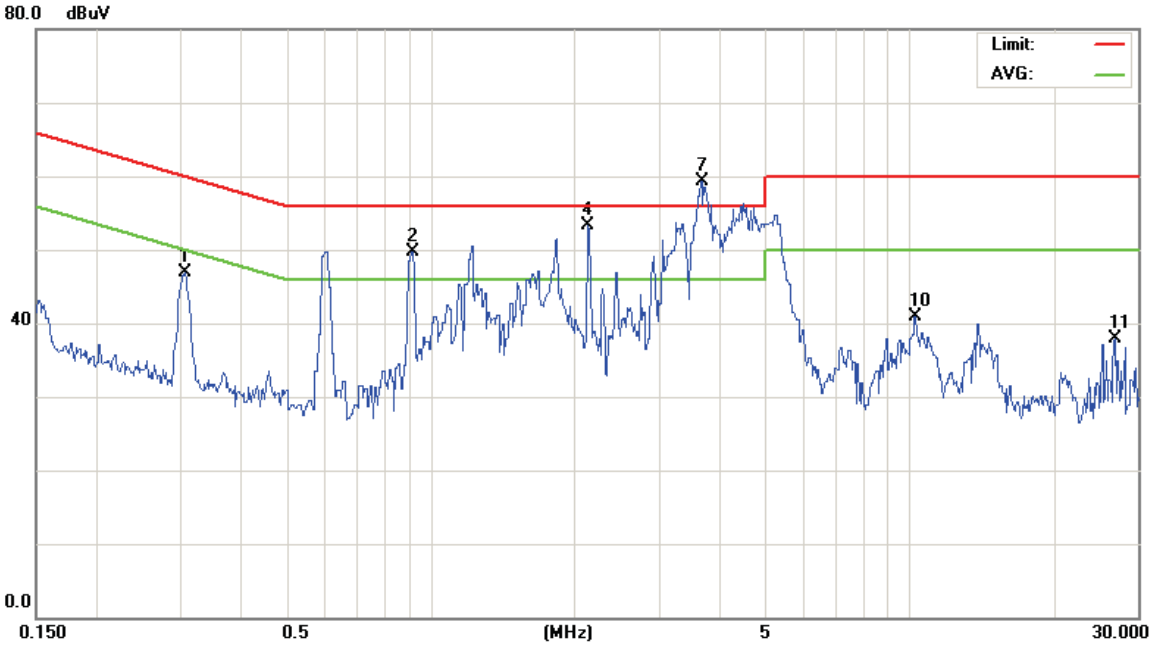
Mode: WIFI 11g

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3075	35.73	9.77	45.50	60.04	-14.54	peak	
2		0.9140	39.56	9.81	49.37	56.00	-6.63	peak	
3		0.9140	30.09	9.81	39.90	46.00	-6.10	AVG	
4		2.1380	41.96	9.88	51.84	56.00	-4.16	peak	
5		2.1380	29.42	9.88	39.30	46.00	-6.70	AVG	
6	*	3.7040	47.62	9.94	57.56	56.00	1.56	peak	
7		3.7040	44.56	9.94	54.50	56.00	-1.50	QP	
8		3.7040	29.66	9.94	39.60	46.00	-6.40	AVG	
9		10.6500	33.34	10.05	43.39	60.00	-16.61	peak	
10		26.7000	28.26	10.20	38.46	60.00	-21.54	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :PSC05R-050(WIFI) Data :#12 Date: 2008-11-25 Time: 下午 05:10:39



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N: 08-0270-E

Mode: WIFI 11g

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3061	37.05	9.77	46.82	60.07	-13.25	peak	
2		0.9140	39.89	9.81	49.70	56.00	-6.30	peak	
3		0.9140	25.49	9.81	35.30	46.00	-10.70	AVG	
4		2.1290	43.46	9.88	53.34	56.00	-2.66	peak	
5		2.1290	39.22	9.88	49.10	56.00	-6.90	QP	
6		2.1290	23.62	9.88	33.50	46.00	-12.50	AVG	
7	*	3.6680	49.46	9.93	59.39	56.00	3.39	peak	
8		3.6680	44.47	9.93	54.40	56.00	-1.60	QP	
9		3.6680	23.17	9.93	33.10	46.00	-12.90	AVG	
10		10.2500	30.81	10.06	40.87	60.00	-19.13	peak	
11		26.7000	27.61	10.20	37.81	60.00	-22.19	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

3. Radiated Emissions Requirements

3.1 Final radiation measurements were made on a three-meter:

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 meters height, top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 30 MHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 120 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna (mode VULB9163) at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna (model BBHA9120D&9170) was used in frequencies 1 - 26.5 GHz at a distance of 1 meter. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20dB/decade).

For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post - detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).
The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

(1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)

FI= Reading of the field intensity.
AF= Antenna factor.
CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

(2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)

The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:

(a) For fundamental frequency :

Transmitter Output < +30dBm

(b) For spurious frequency :

Spurious emission limits = fundamental emission limit /10

3.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	Jun. 05, 2008	Jun. 05, 2009
Pre Amplifier	Agilent	8449B	3008A02237	Jun. 03, 2008	Jun. 03, 2009
Pre Amplifier	Agilent	8447D	2944A10961	Jun. 10, 2008	Jun. 10, 2009
Test Receiver	R&S	ESCI	100367	Jun. 05, 2008	Jun. 05, 2009
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Jun. 26, 2008	Jun. 26, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2008	Jun. 26, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	Jun. 09, 2008	Jun. 09, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jun. 26, 2008	Jun. 26, 2009

3.3 Test Configuration:

Figure 3. Front View of the Test Configuration

Figure 4. Rear View of the Test Configuration

Figure 5. Front View of the Test Configuration

Figure 6. Rear View of the Test Configuration

3.4 Test condition:

EUT tested in accordance with the specifications given by the manufacturer, and exercised in the most unfavorable manner.

3.5 Radiated Emissions Limits:

Frequency range (MHz)	Peak(dBuV)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960	54

3.6 Measurement Data of Radiated Emissions:

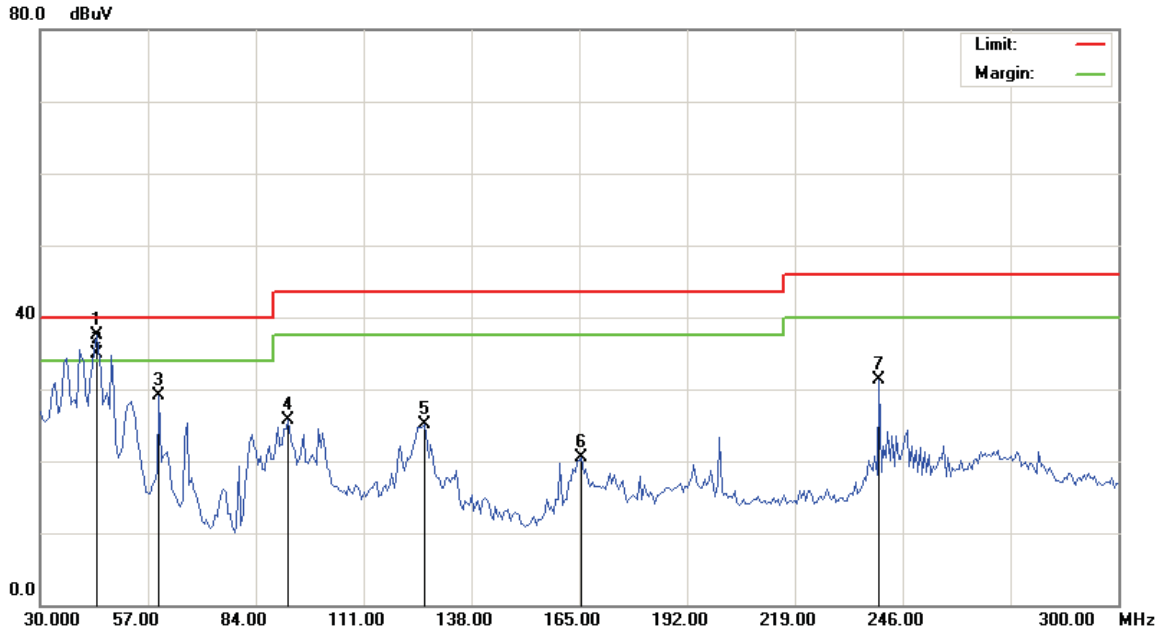
3.6.1 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11b CH1 2412.000 (Local Frequency: 2412.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11b) Data :#1 Date: 2008/11/25 Time: 下午 06:23:50



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)

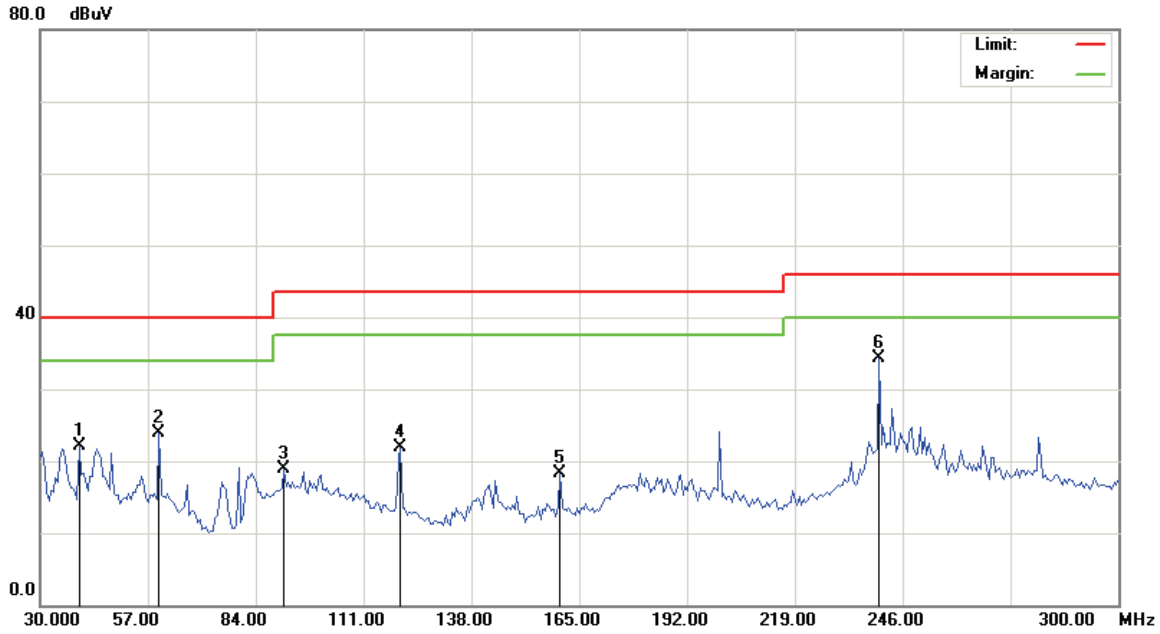
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	44.0400	49.35	-11.84	37.51	40.00	-2.49	peak			
2	!	44.0400	46.80	-11.84	34.96	40.00	-5.04	QP			
3		59.7000	41.59	-12.52	29.07	40.00	-10.93	peak			
4		92.1000	38.39	-12.71	25.68	43.50	-17.82	peak			
5		126.1200	40.18	-15.17	25.01	43.50	-18.49	peak			
6		165.5399	35.77	-15.31	20.46	43.50	-23.04	peak			
7		240.0600	42.66	-11.43	31.23	46.00	-14.77	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#3 Date: 2008/11/25 Time: 下午 06:32:13



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)

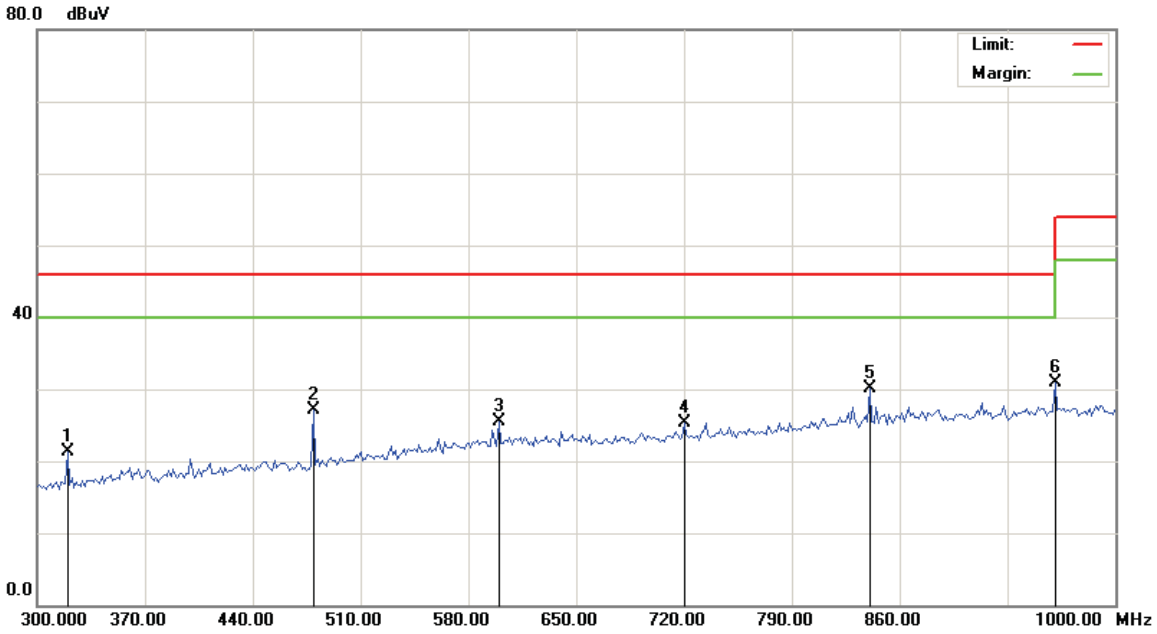
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		39.7200	34.09	-11.96	22.13	40.00	-17.87	peak			
2		59.7000	36.50	-12.52	23.98	40.00	-16.02	peak			
3		91.0199	31.89	-12.95	18.94	43.50	-24.56	peak			
4		120.1800	36.08	-14.23	21.85	43.50	-21.65	peak			
5		160.1400	33.82	-15.49	18.33	43.50	-25.17	peak			
6	*	240.0600	45.80	-11.43	34.37	46.00	-11.63	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#2 Date: 2008/11/25 Time: 下午 06:28:02



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)

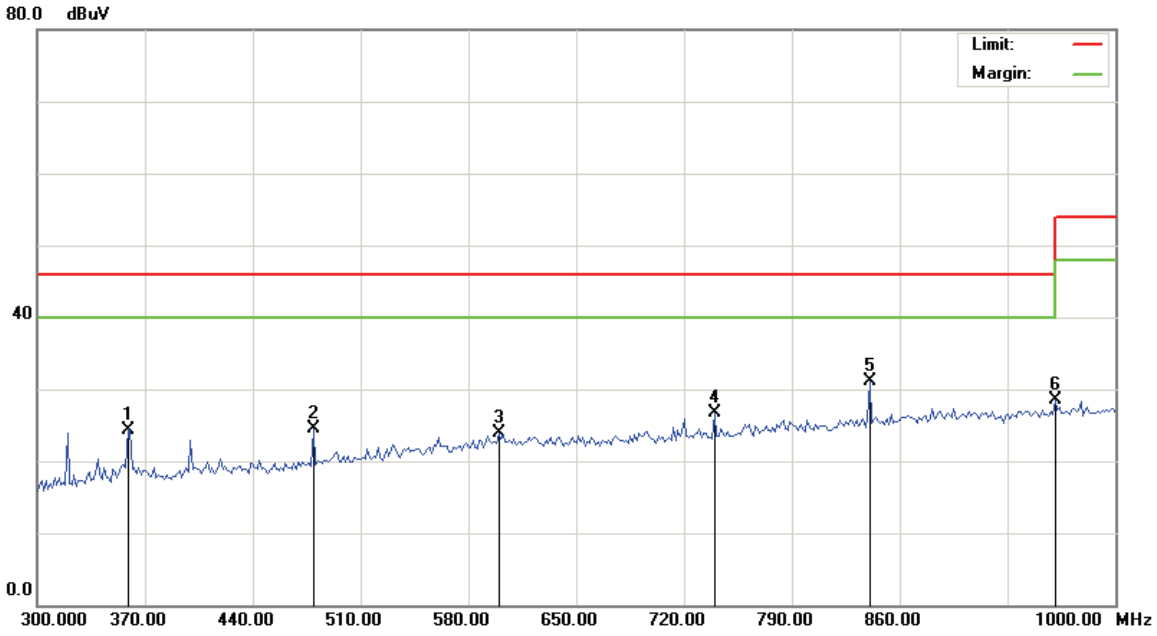
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	31.05	-9.82	21.23	46.00	-24.77	peak			
2		479.2000	34.72	-7.60	27.12	46.00	-18.88	peak			
3		599.6000	30.49	-4.91	25.58	46.00	-20.42	peak			
4		720.0000	28.84	-3.55	25.29	46.00	-20.71	peak			
5	*	840.4000	31.50	-1.41	30.09	46.00	-15.91	peak			
6		960.8000	30.35	0.48	30.83	54.00	-23.17	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#4 Date: 2008/11/25 Time: 下午 06:36:25



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)

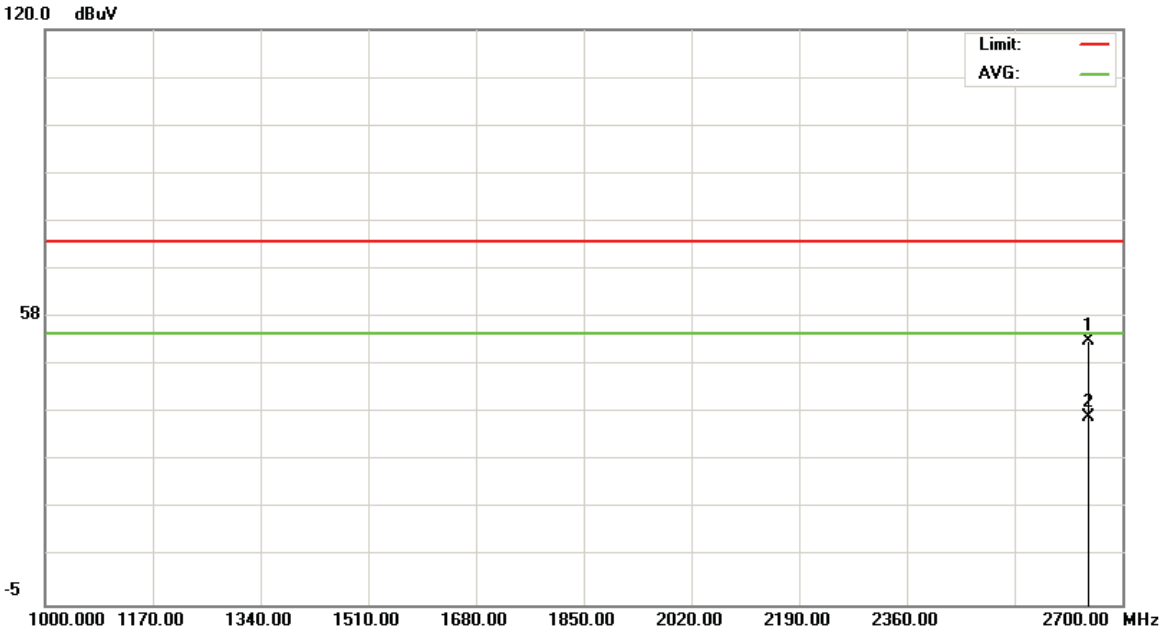
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		358.8000	33.35	-8.95	24.40	46.00	-21.60	peak			
2		479.2000	32.19	-7.60	24.59	46.00	-21.41	peak			
3		599.6000	28.83	-4.91	23.92	46.00	-22.08	peak			
4		739.6000	29.94	-3.29	26.65	46.00	-19.35	peak			
5	*	840.4000	32.52	-1.41	31.11	46.00	-14.89	peak			
6		960.8000	27.98	0.48	28.46	54.00	-25.54	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:18:00

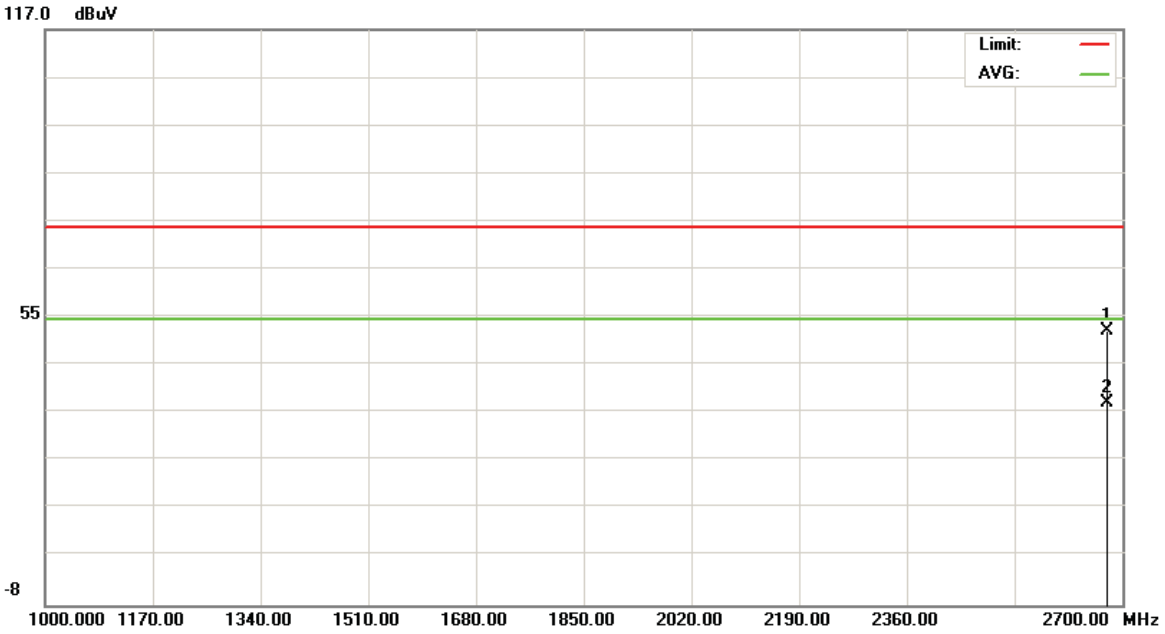


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH01(2412MHz)Antenna 100cm		
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2645.600	51.27	0.97	52.24	74.00	-21.76	peak			
2	*	2645.600	34.85	0.97	35.82	54.00	-18.18	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#3 Date: 2008/11/20 Time: 下午 09:38:25

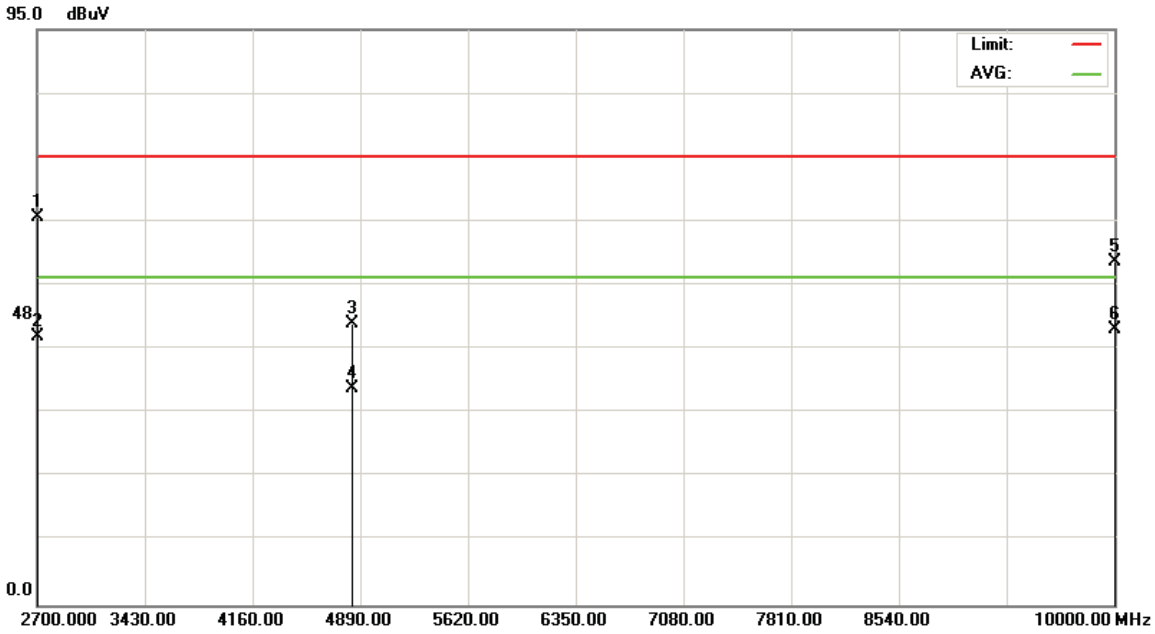


Site	Polarization: *Horizontal*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 3m		
M/N: 08-0270-E			
Mode: WIFI(11b)			
Note: CH01(2412MHz)			
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2676.200	50.60	1.02	51.62	74.00	-22.38	peak			
2	*	2676.200	34.86	1.02	35.88	54.00	-18.12	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#5 Date: 2008/11/12 Time: 下午 05:52:22

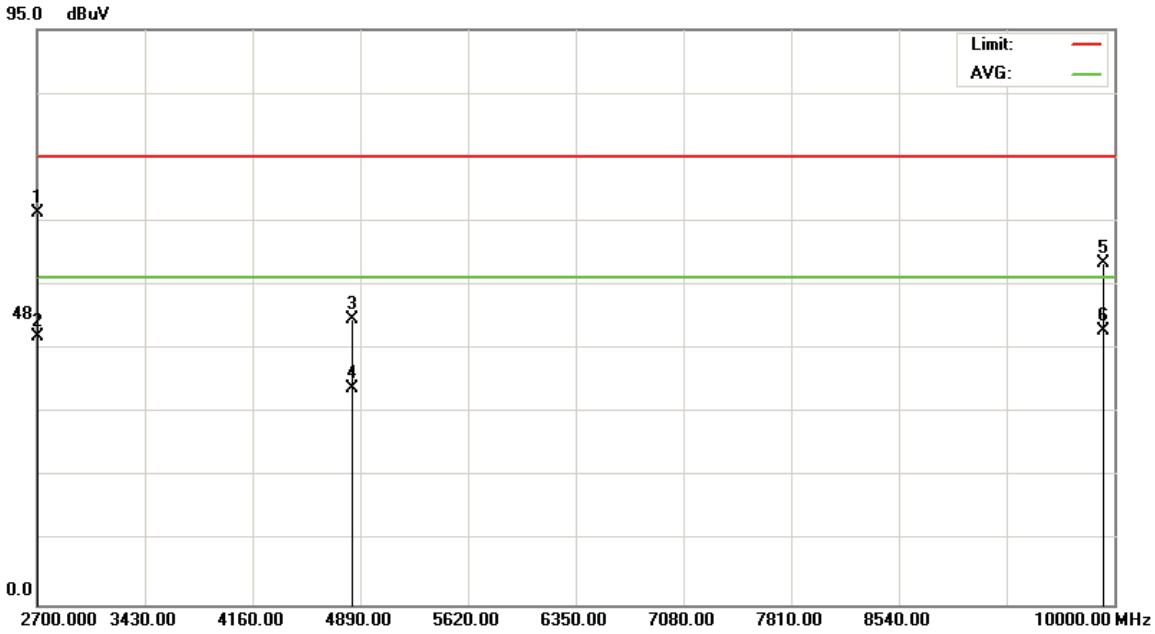


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH01(2412MHz)Antenna 100cm		
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.53	22.58	64.11	74.00	-9.89	peak			
2		2700.000	21.70	22.58	44.28	54.00	-9.72	AVG			
3		4824.000	38.98	7.48	46.46	74.00	-27.54	peak			
4		4824.000	28.32	7.48	35.80	54.00	-18.20	AVG			
5		10000.00	38.71	17.94	56.65	74.00	-17.35	peak			
6	*	10000.00	27.45	17.94	45.39	54.00	-8.61	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#7 Date: 2008/11/12 Time: 下午 06:01:55



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

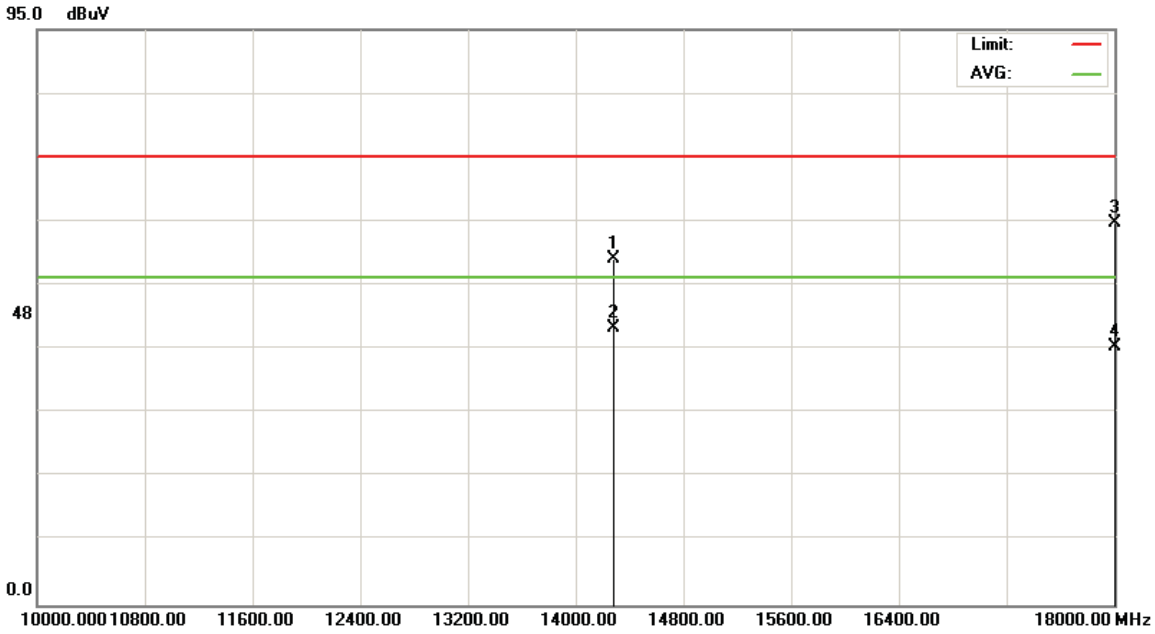
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	42.07	22.58	64.65	74.00	-9.35	peak			
2		2700.000	21.76	22.58	44.34	54.00	-9.66	AVG			
3		4824.000	39.57	7.48	47.05	74.00	-26.95	peak			
4		4824.000	28.22	7.48	35.70	54.00	-18.30	AVG			
5		9927.000	38.74	17.78	56.52	74.00	-17.48	peak			
6	*	9927.000	27.49	17.78	45.27	54.00	-8.73	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:39:59

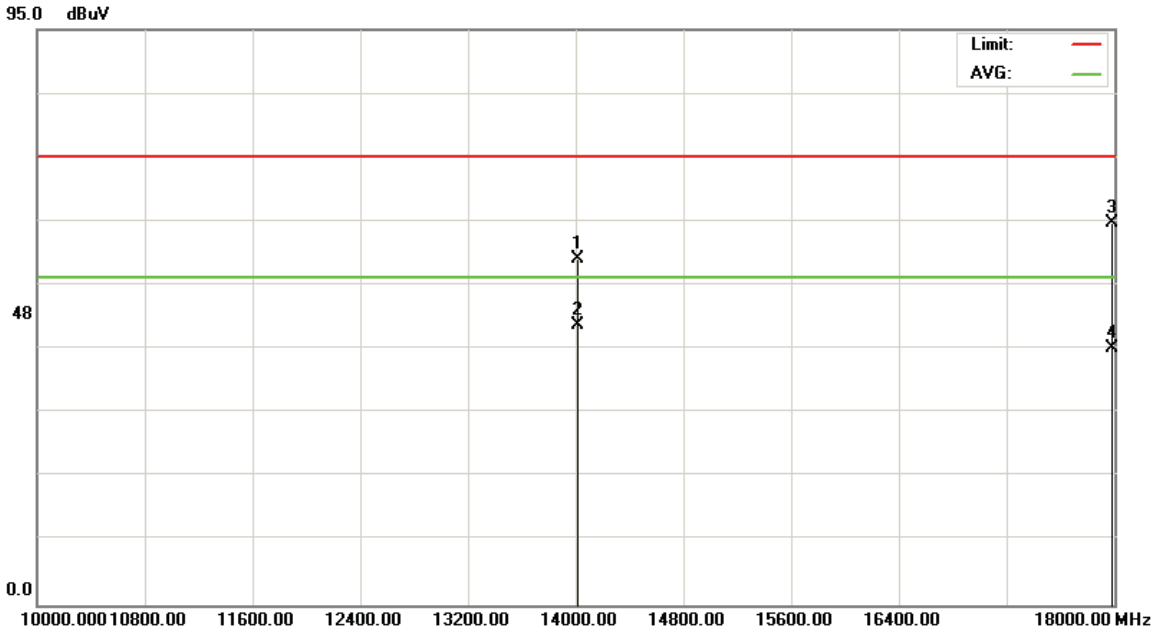


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH01(2412MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14280.00	38.47	18.63	57.10	74.00	-16.90	peak			
2	*	14280.00	27.12	18.63	45.75	54.00	-8.25	AVG			
3		18000.00	37.39	25.57	62.96	74.00	-11.04	peak			
4		18000.00	17.12	25.57	42.69	54.00	-11.31	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#11 Date: 2008/11/21 Time: 上午 02:10:01



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)Antenna 100cm
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

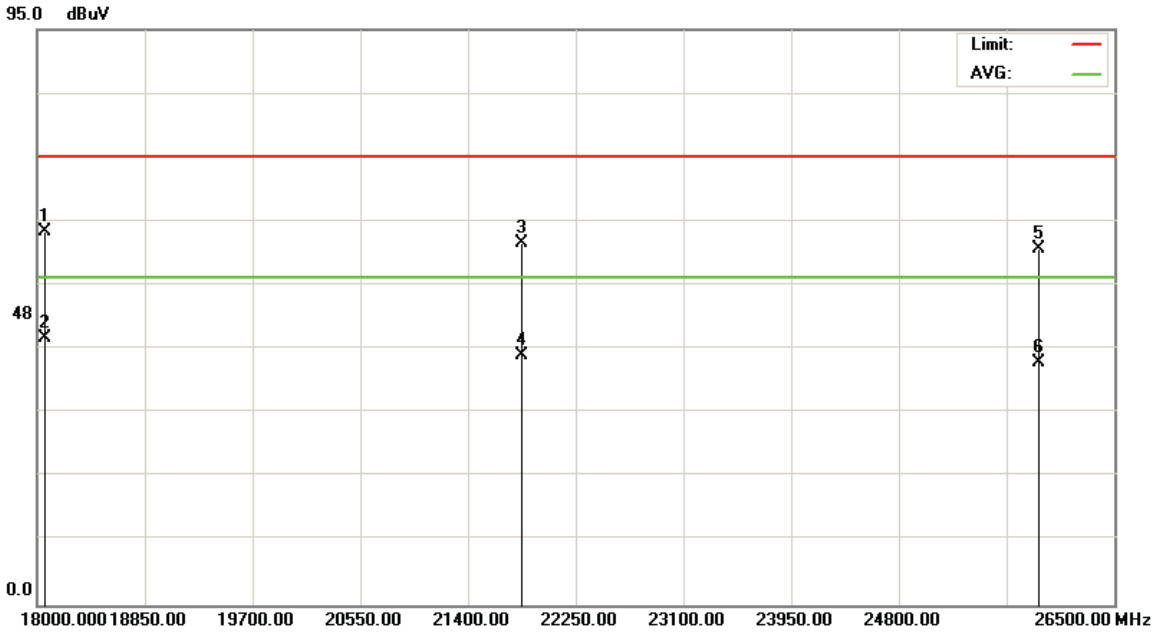
Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14020.00	38.55	18.67	57.22	74.00	-16.78	peak			
2	*	14020.00	27.51	18.67	46.18	54.00	-7.82	AVG			
3		17980.00	37.79	25.21	63.00	74.00	-11.00	peak			
4		17980.00	17.29	25.21	42.50	54.00	-11.50	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#13 Date: 2008/11/21 Time: 上午 02:56:24



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

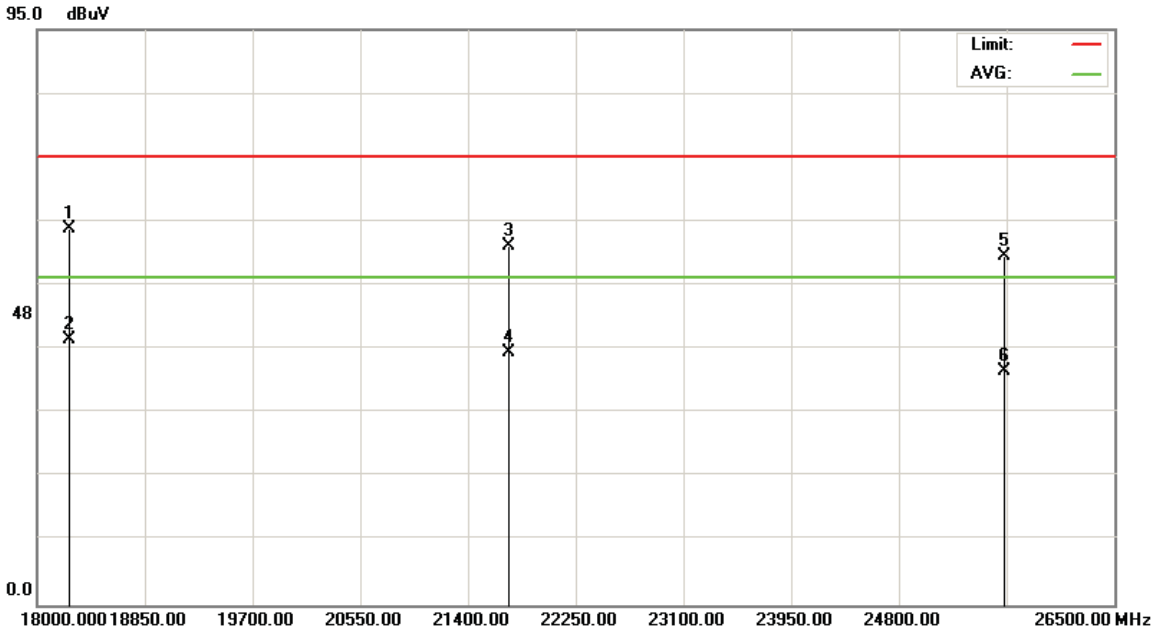
Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18063.75	38.29	23.26	61.55	74.00	-12.45	peak			
2	*	18063.75	20.70	23.26	43.96	54.00	-10.04	AVG			
3		21825.00	38.53	21.20	59.73	74.00	-14.27	peak			
4		21825.00	19.98	21.20	41.18	54.00	-12.82	AVG			
5		25905.00	40.26	18.63	58.89	74.00	-15.11	peak			
6		25905.00	21.28	18.63	39.91	54.00	-14.09	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:12:47



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH01(2412MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18255.00	38.92	23.20	62.12	74.00	-11.88	peak			
2	*	18255.00	20.66	23.20	43.86	54.00	-10.14	AVG			
3		21718.75	37.98	21.23	59.21	74.00	-14.79	peak			
4		21718.75	20.36	21.23	41.59	54.00	-12.41	AVG			
5		25618.17	38.69	18.90	57.59	74.00	-16.41	peak			
6		25618.17	19.67	18.90	38.57	54.00	-15.43	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

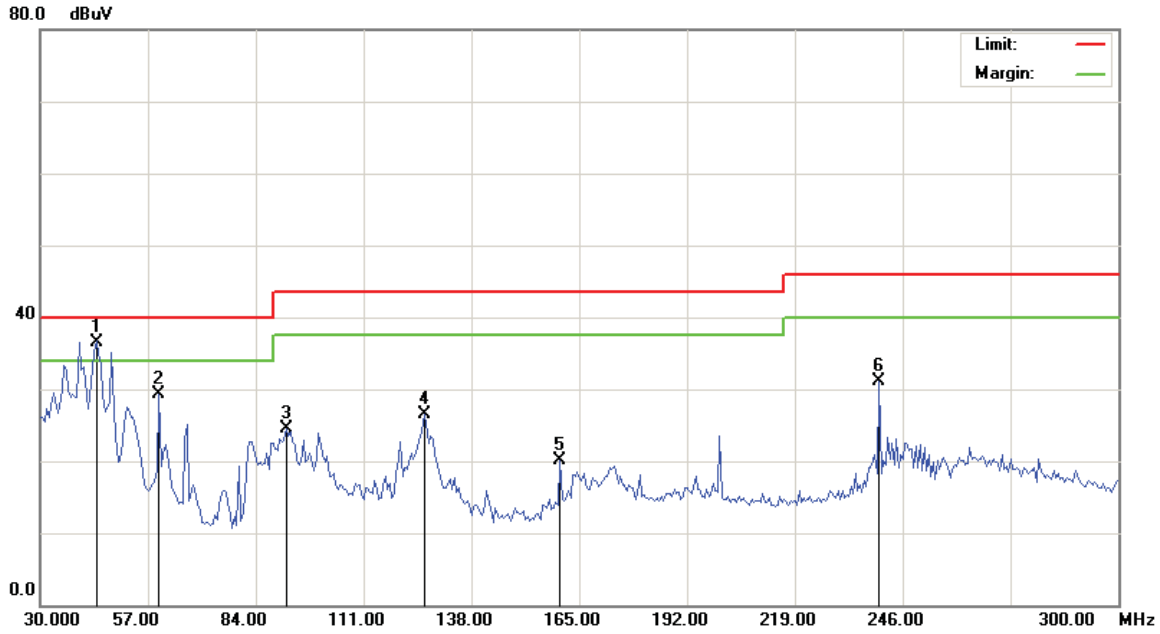
3.6.2 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11b CH6 2437.000 (Local Frequency: 2437.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11b) Data :#5 Date: 2008/11/25 Time: 下午 06:41:56



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH6(2437MHz)

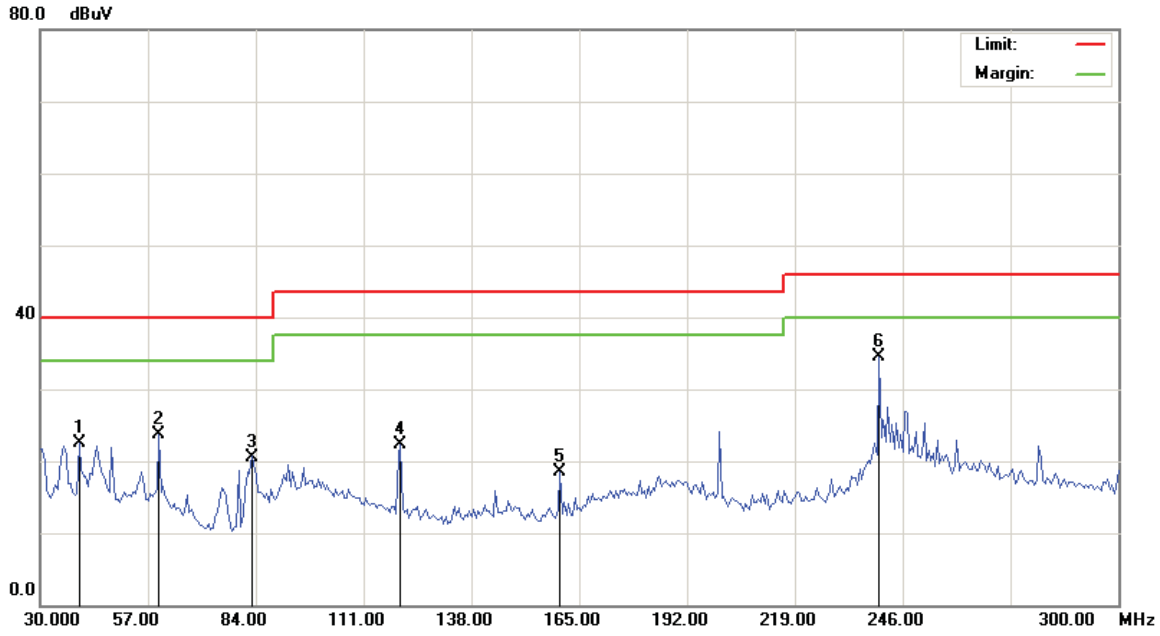
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	44.0400	48.44	-11.84	36.60	40.00	-3.40	peak			
2		59.7000	41.86	-12.52	29.34	40.00	-10.66	peak			
3		91.5600	37.34	-12.83	24.51	43.50	-18.99	peak			
4		126.1200	41.65	-15.17	26.48	43.50	-17.02	peak			
5		160.1400	35.66	-15.49	20.17	43.50	-23.33	peak			
6		240.0600	42.52	-11.43	31.09	46.00	-14.91	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#7 Date: 2008/11/25 Time: 下午 06:50:34



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH6(2437MHz)

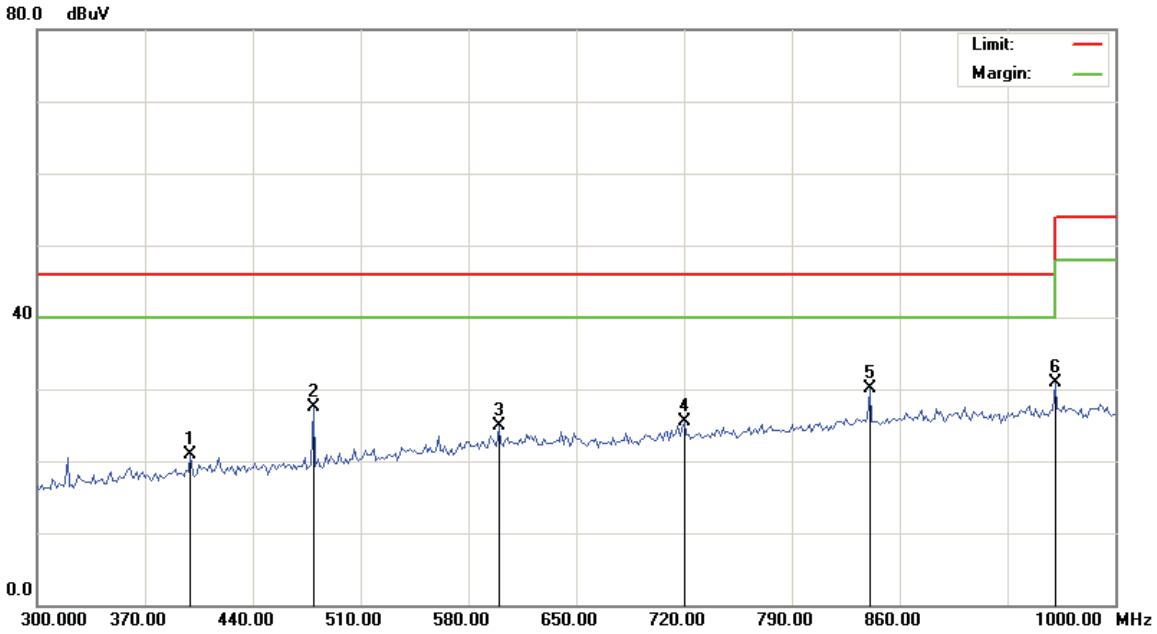
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		39.7200	34.48	-11.96	22.52	40.00	-17.48	peak			
2		59.7000	36.26	-12.52	23.74	40.00	-16.26	peak			
3		82.9200	36.09	-15.49	20.60	40.00	-19.40	peak			
4		120.1800	36.47	-14.23	22.24	43.50	-21.26	peak			
5		160.1400	34.05	-15.49	18.56	43.50	-24.94	peak			
6	*	240.0600	45.90	-11.43	34.47	46.00	-11.53	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#6 Date: 2008/11/25 Time: 下午 06:46:13



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH6(2437MHz)

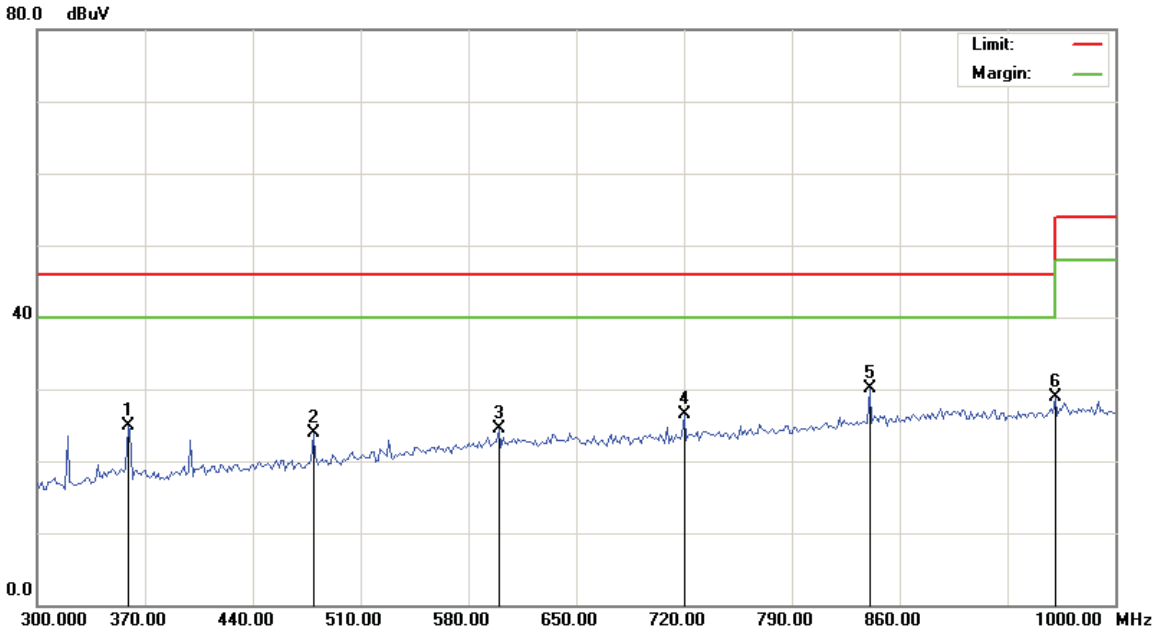
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		399.4000	29.23	-8.34	20.89	46.00	-25.11	peak			
2		479.2000	35.13	-7.60	27.53	46.00	-18.47	peak			
3		599.6000	29.82	-4.91	24.91	46.00	-21.09	peak			
4		720.0000	28.96	-3.55	25.41	46.00	-20.59	peak			
5	*	840.4000	31.61	-1.41	30.20	46.00	-15.80	peak			
6		960.8000	30.51	0.48	30.99	54.00	-23.01	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#8 Date: 2008/11/25 Time: 下午 06:54:49



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH6(2437MHz)

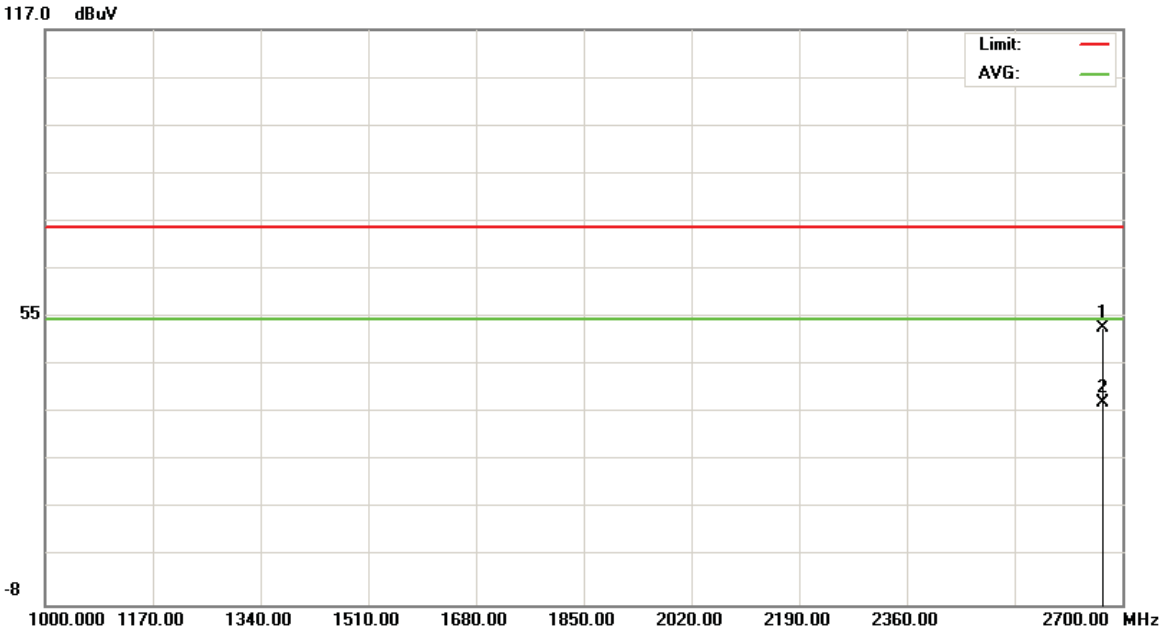
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		358.8000	33.88	-8.95	24.93	46.00	-21.07	peak			
2		479.2000	31.44	-7.60	23.84	46.00	-22.16	peak			
3		599.6000	29.36	-4.91	24.45	46.00	-21.55	peak			
4		720.0000	30.05	-3.55	26.50	46.00	-19.50	peak			
5	*	840.4000	31.45	-1.41	30.04	46.00	-15.96	peak			
6		960.8000	28.36	0.48	28.84	54.00	-25.16	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:34:49

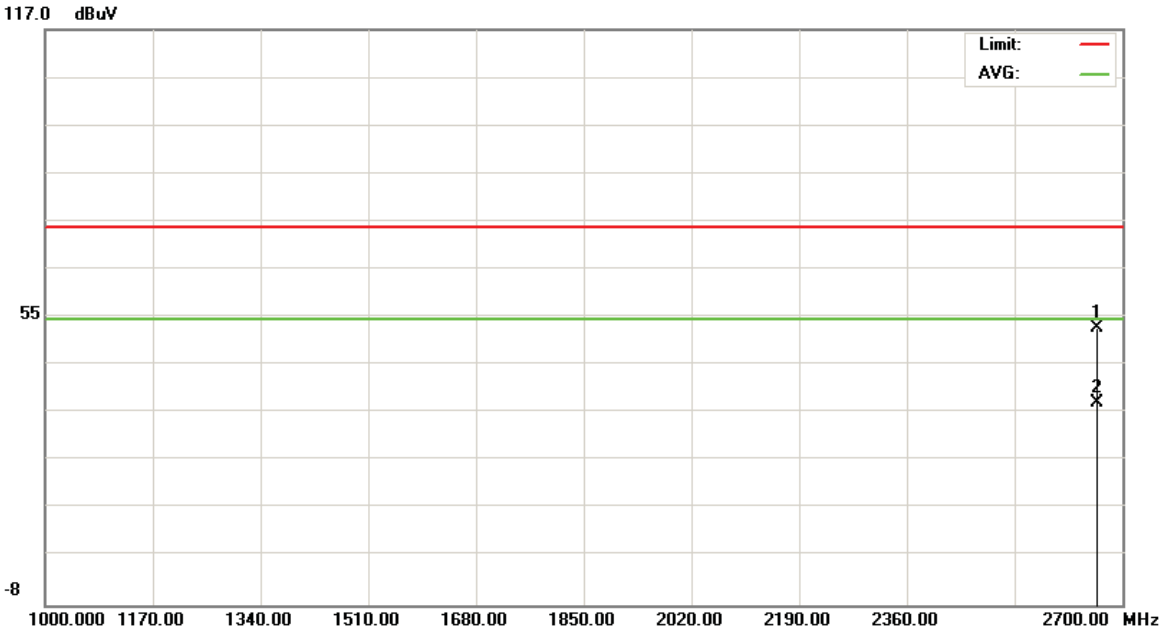


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH06(2437MHz)Antenna 139.7cm		
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2669.400	51.07	1.02	52.09	74.00	-21.91	peak			
2	*	2669.400	34.78	1.02	35.80	54.00	-18.20	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#3 Date: 2008/11/20 Time: 下午 09:19:50



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH06(2437MHz)Antenna 151.1cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

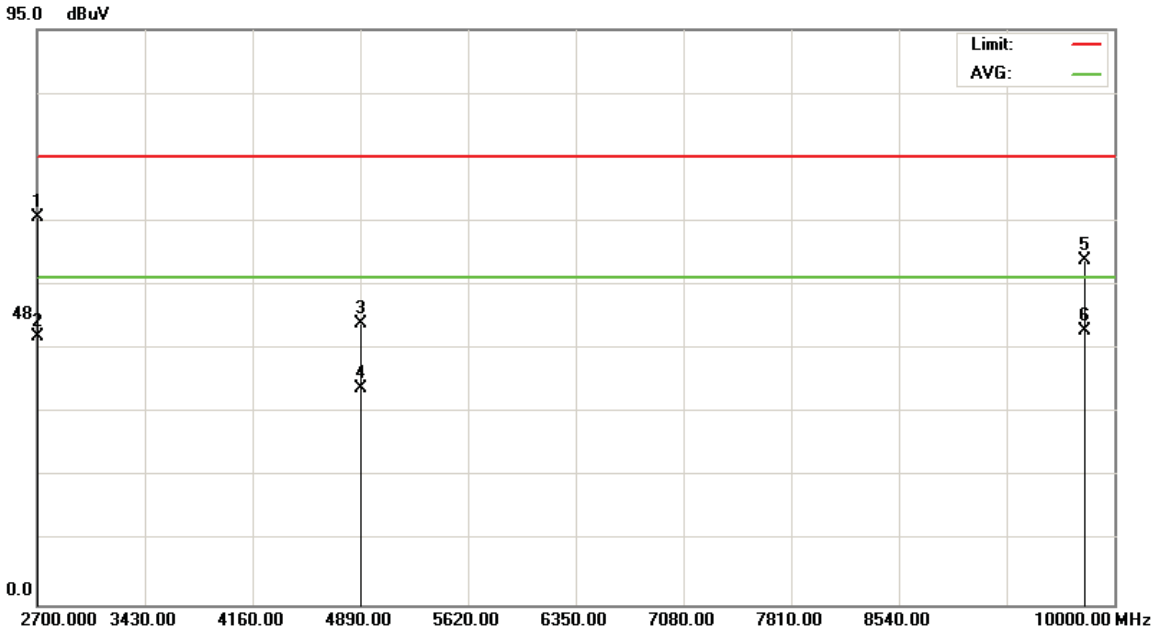
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2659.200	51.30	0.92	52.22	74.00	-21.78	peak			
2	*	2659.200	34.93	0.92	35.85	54.00	-18.15	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#5 Date: 2008/11/12 Time: 下午 06:14:07

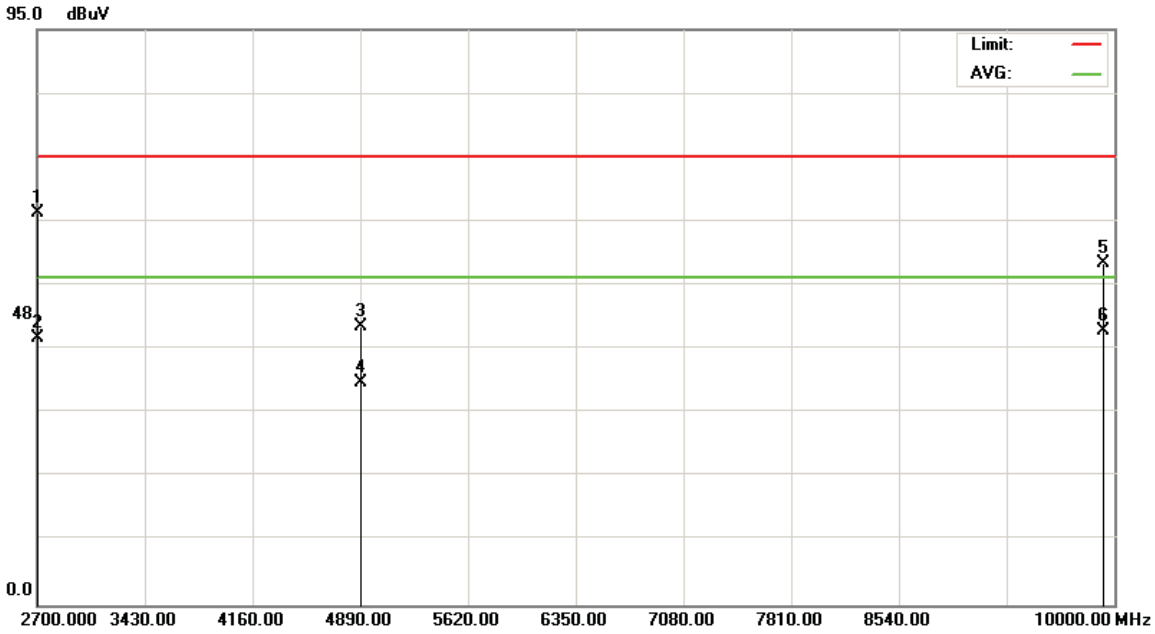


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH06(2437MHz)Antenna 100cm		
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.41	22.58	63.99	74.00	-10.01	peak			
2		2700.000	21.68	22.58	44.26	54.00	-9.74	AVG			
3		4874.000	38.67	7.72	46.39	74.00	-27.61	peak			
4		4874.000	28.11	7.72	35.83	54.00	-18.17	AVG			
5		9799.250	39.22	17.67	56.89	74.00	-17.11	peak			
6	*	9799.250	27.50	17.67	45.17	54.00	-8.83	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#7 Date: 2008/11/12 Time: 下午 06:29:51



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH06(2437MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

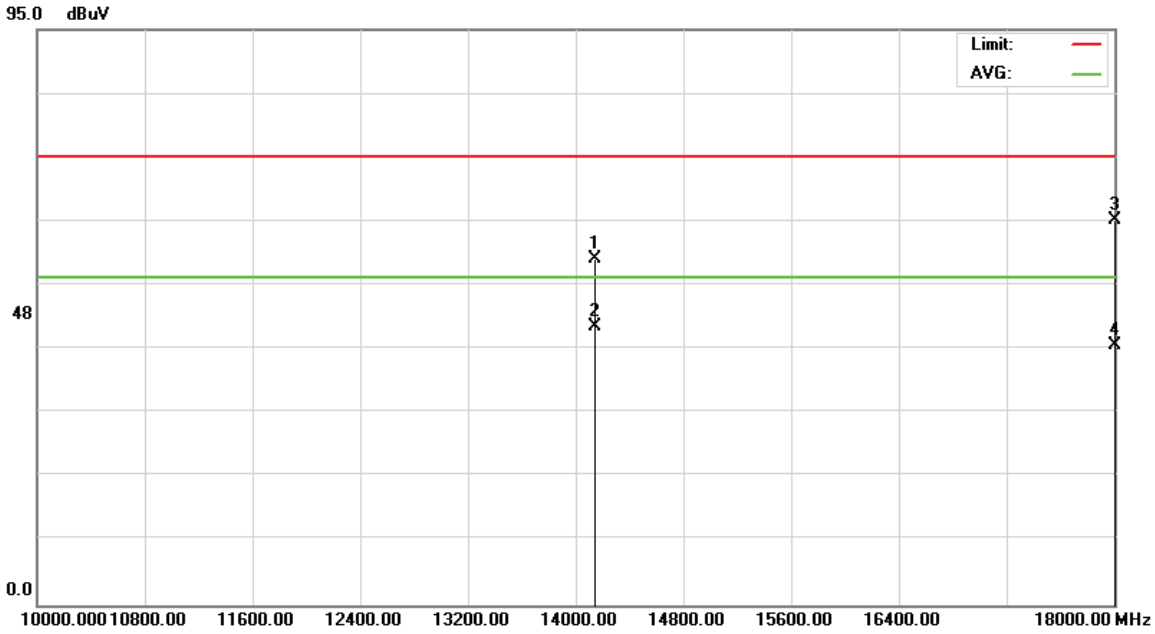
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	42.04	22.58	64.62	74.00	-9.38	peak			
2		2700.000	21.55	22.58	44.13	54.00	-9.87	AVG			
3		4874.000	38.26	7.72	45.98	74.00	-28.02	peak			
4		4874.000	29.00	7.72	36.72	54.00	-17.28	AVG			
5		9927.000	38.61	17.78	56.39	74.00	-17.61	peak			
6	*	9927.000	27.46	17.78	45.24	54.00	-8.76	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:45:04

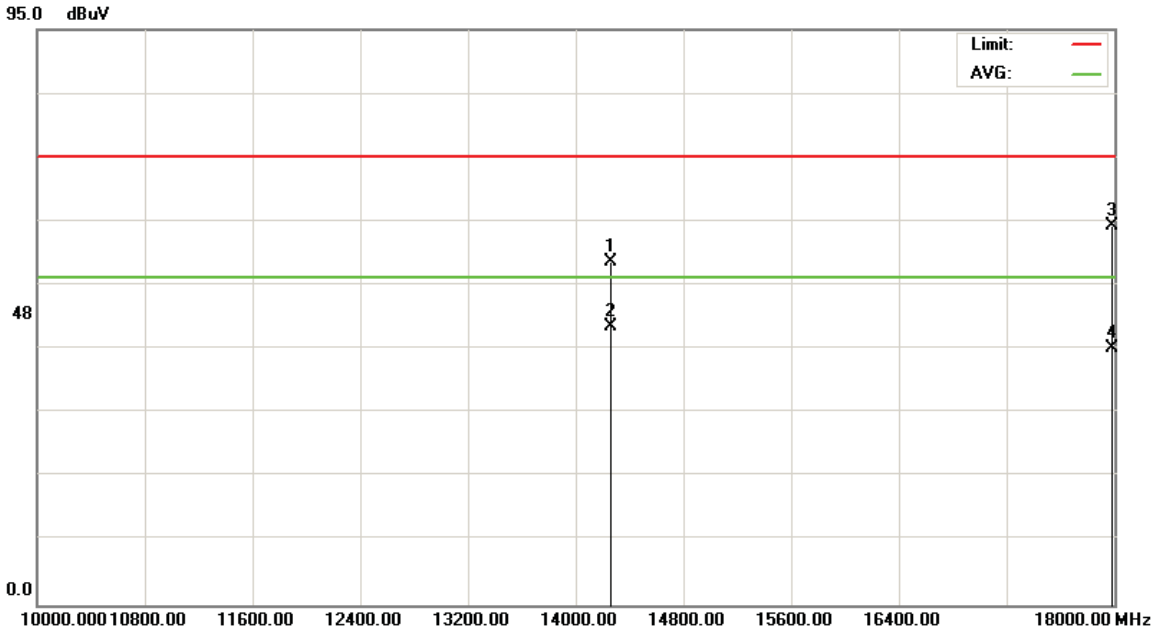


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH06(2437MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14140.00	38.25	18.84	57.09	74.00	-16.91	peak			
2	*	14140.00	27.02	18.84	45.86	54.00	-8.14	AVG			
3		18000.00	37.96	25.57	63.53	74.00	-10.47	peak			
4		18000.00	17.39	25.57	42.96	54.00	-11.04	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#11 Date: 2008/11/20 Time: 下午 11:03:38

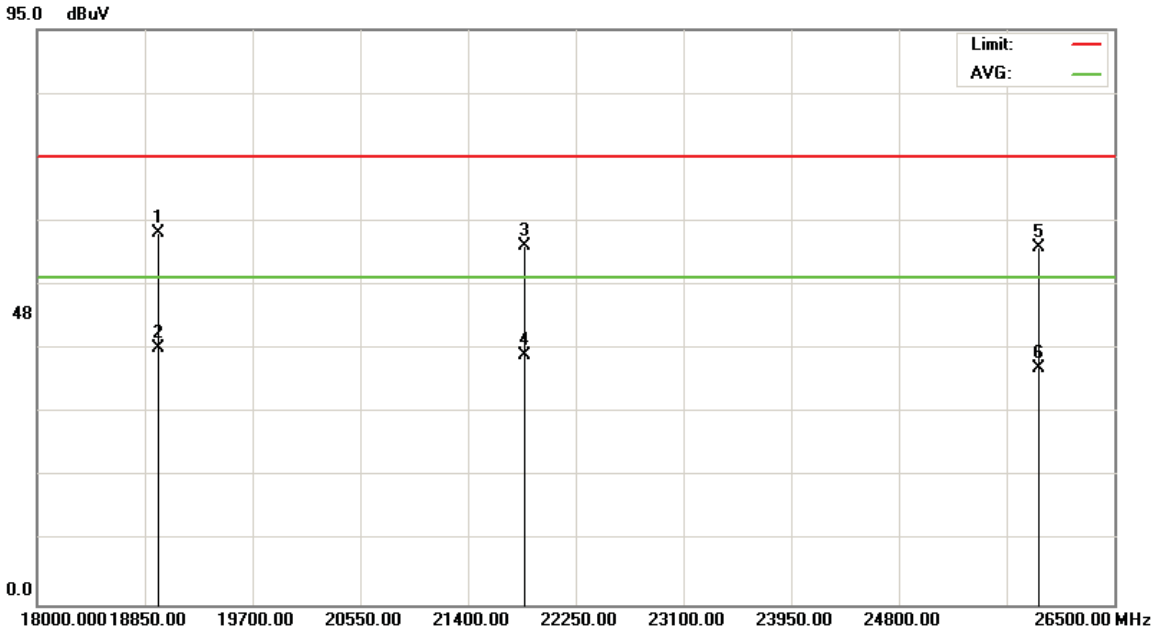


Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH06(2437MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14260.00	38.05	18.66	56.71	74.00	-17.29	peak			
2	*	14260.00	27.19	18.66	45.85	54.00	-8.15	AVG			
3		17980.00	37.35	25.21	62.56	74.00	-11.44	peak			
4		17980.00	17.22	25.21	42.43	54.00	-11.57	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#13 Date: 2008/11/21 Time: 上午 02:59:31



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH06(2437MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

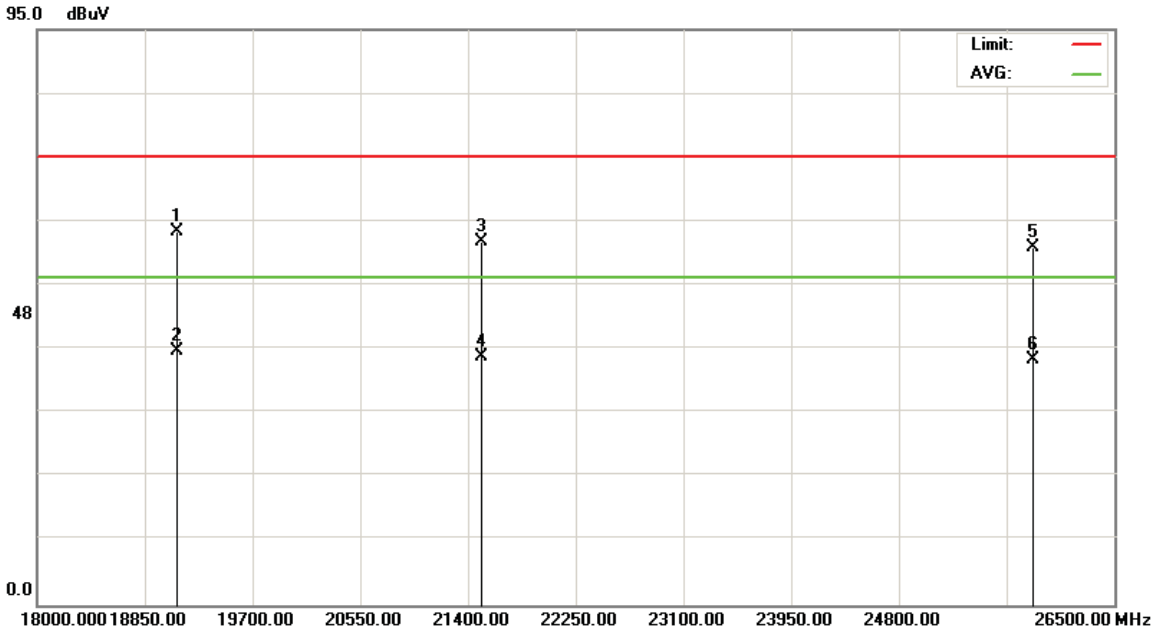
Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18956.25	38.30	23.11	61.41	74.00	-12.59	peak			
2	*	18956.25	19.26	23.11	42.37	54.00	-11.63	AVG			
3		21846.25	38.02	21.20	59.22	74.00	-14.78	peak			
4		21846.25	19.98	21.20	41.18	54.00	-12.82	AVG			
5		25905.00	40.47	18.63	59.10	74.00	-14.90	peak			
6		25905.00	20.34	18.63	38.97	54.00	-15.03	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:09:40



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH06(2437MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		19105.00	38.70	23.00	61.70	74.00	-12.30	peak			
2	*	19105.00	18.93	23.00	41.93	54.00	-12.07	AVG			
3		21506.25	38.54	21.35	59.89	74.00	-14.11	peak			
4		21506.25	19.59	21.35	40.94	54.00	-13.06	AVG			
5		25862.50	40.40	18.67	59.07	74.00	-14.93	peak			
6		25862.50	21.76	18.67	40.43	54.00	-13.57	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

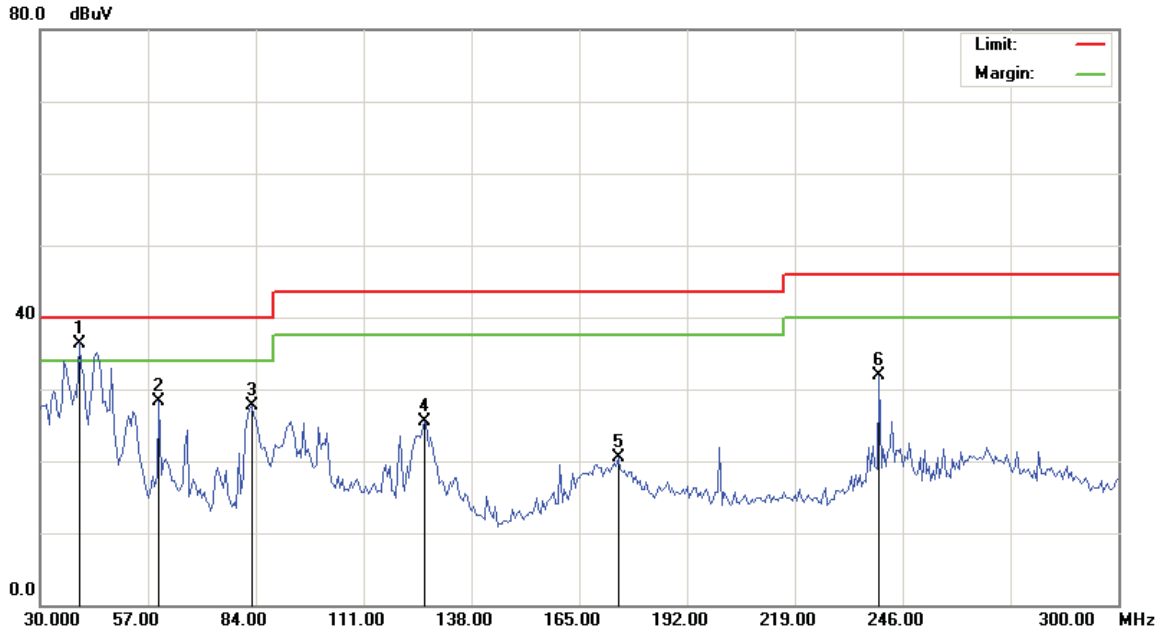
3.6.3 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11b CH11 2462.000 (Local Frequency: 2462.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11b) Data :#9 Date: 2008/11/25 Time: 下午 07:10:17



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)

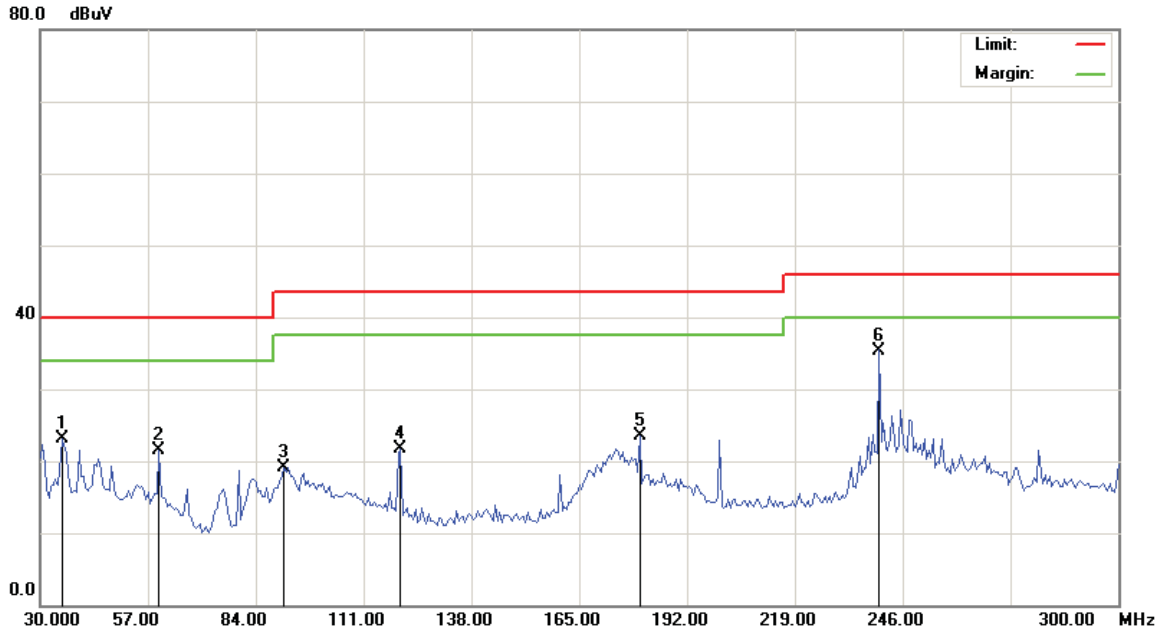
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	39.7200	48.36	-11.96	36.40	40.00	-3.60	peak			
2		59.7000	40.82	-12.52	28.30	40.00	-11.70	peak			
3		82.9200	43.10	-15.49	27.61	40.00	-12.39	peak			
4		126.1200	40.69	-15.17	25.52	43.50	-17.98	peak			
5		174.7200	35.19	-14.67	20.52	43.50	-22.98	peak			
6		240.0600	43.41	-11.43	31.98	46.00	-14.02	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#11 Date: 2008/11/25 Time: 下午 07:18:41



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)

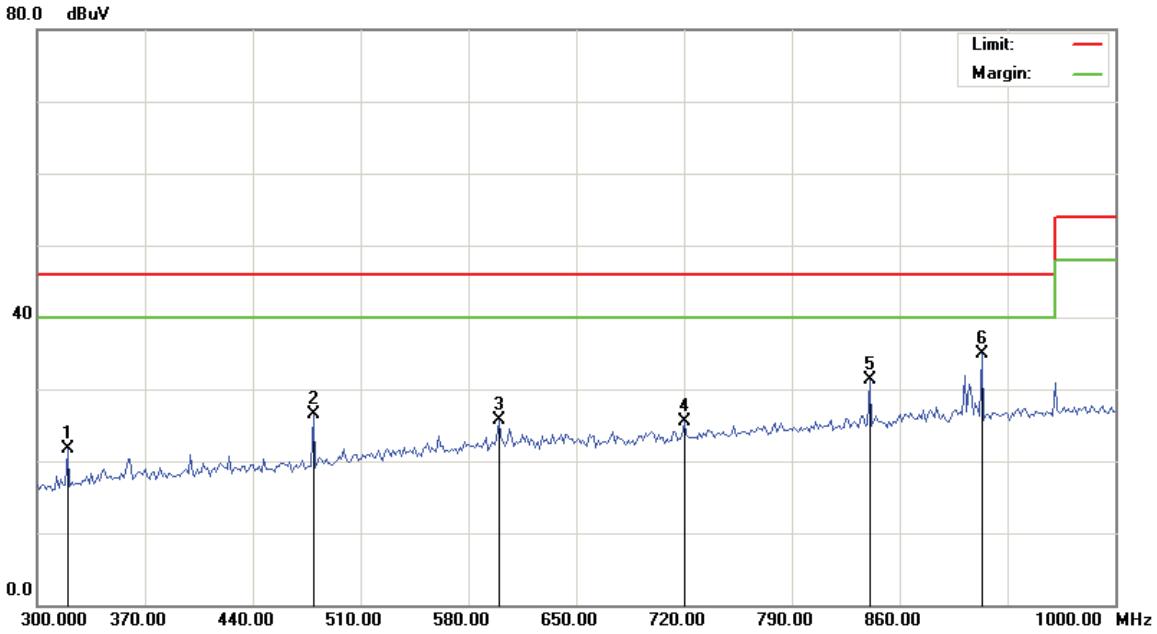
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		35.4000	36.12	-13.09	23.03	40.00	-16.97	peak			
2		59.7000	33.93	-12.52	21.41	40.00	-18.59	peak			
3		91.0199	32.07	-12.95	19.12	43.50	-24.38	peak			
4		120.1800	36.02	-14.23	21.79	43.50	-21.71	peak			
5		180.1200	37.86	-14.31	23.55	43.50	-19.95	peak			
6	*	240.0600	46.83	-11.43	35.40	46.00	-10.60	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#10 Date: 2008/11/25 Time: 下午 07:14:29



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)

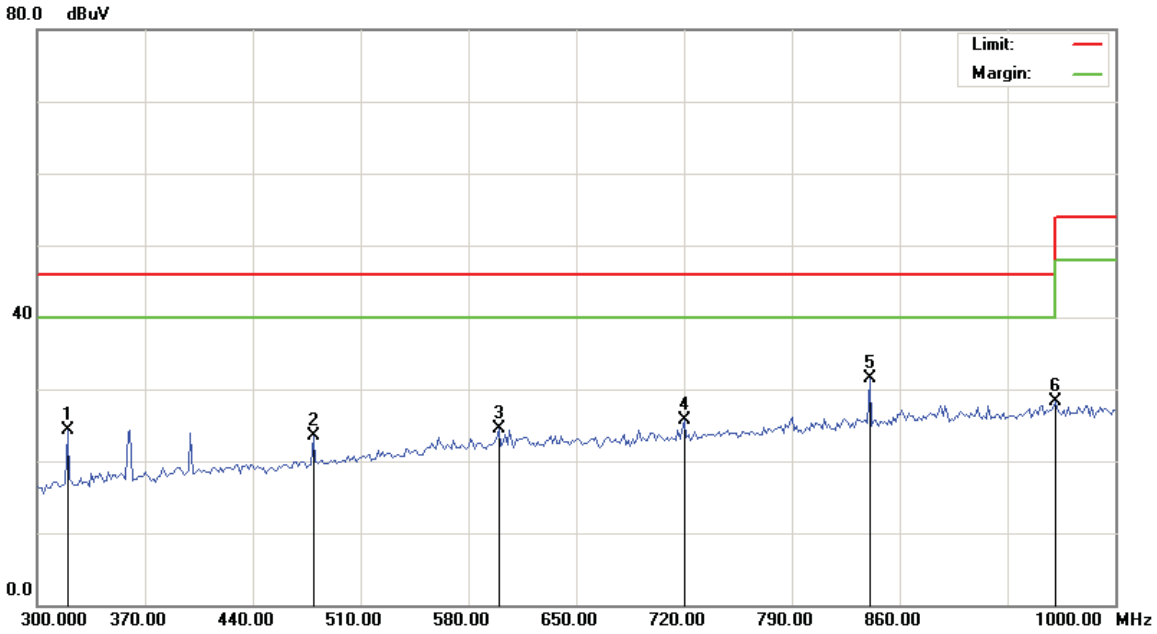
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	31.43	-9.82	21.61	46.00	-24.39	peak			
2		479.2000	34.02	-7.60	26.42	46.00	-19.58	peak			
3		599.6000	30.59	-4.91	25.68	46.00	-20.32	peak			
4		720.0000	29.12	-3.55	25.57	46.00	-20.43	peak			
5		840.4000	32.64	-1.41	31.23	46.00	-14.77	peak			
6	*	913.2000	35.18	-0.19	34.99	46.00	-11.01	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b) Data :#12 Date: 2008/11/25 Time: 下午 07:22:53



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)

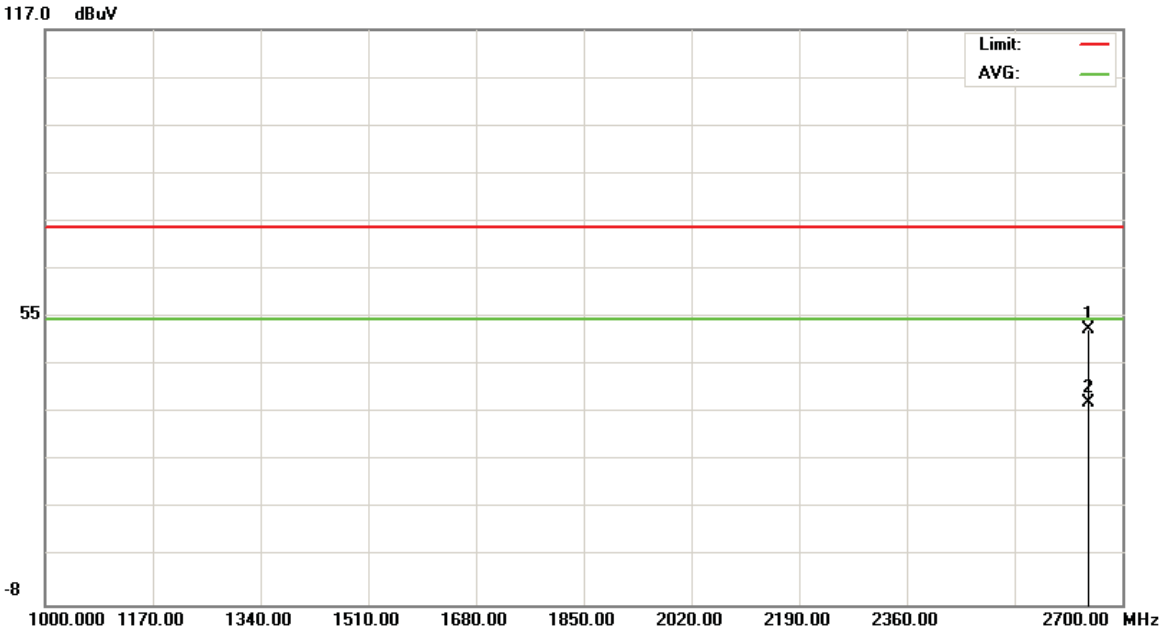
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	34.13	-9.82	24.31	46.00	-21.69	peak			
2		479.2000	31.09	-7.60	23.49	46.00	-22.51	peak			
3		599.6000	29.36	-4.91	24.45	46.00	-21.55	peak			
4		720.0000	29.34	-3.55	25.79	46.00	-20.21	peak			
5	*	840.4000	32.96	-1.41	31.55	46.00	-14.45	peak			
6		960.8000	27.91	0.48	28.39	54.00	-25.61	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:23:07

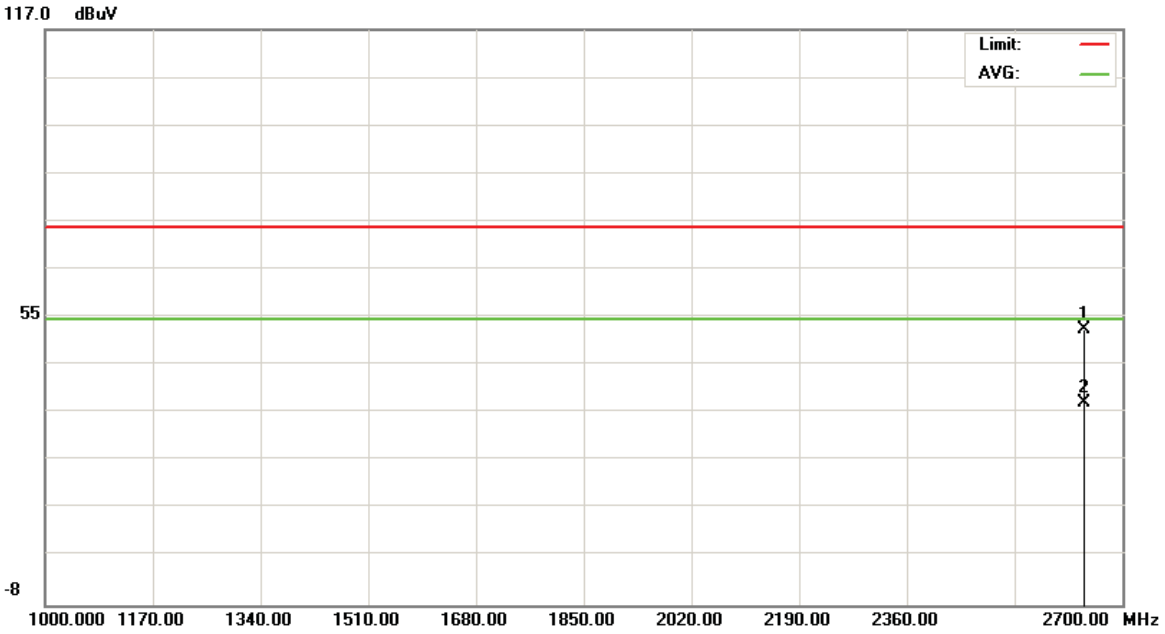


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH11(2462MHz)Antenna 100cm		
2.7G-10G AV Scan		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2645.600	50.90	0.97	51.87	74.00	-22.13	peak			
2	*	2645.600	34.85	0.97	35.82	54.00	-18.18	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#3 Date: 2008/11/20 Time: 下午 09:44:45

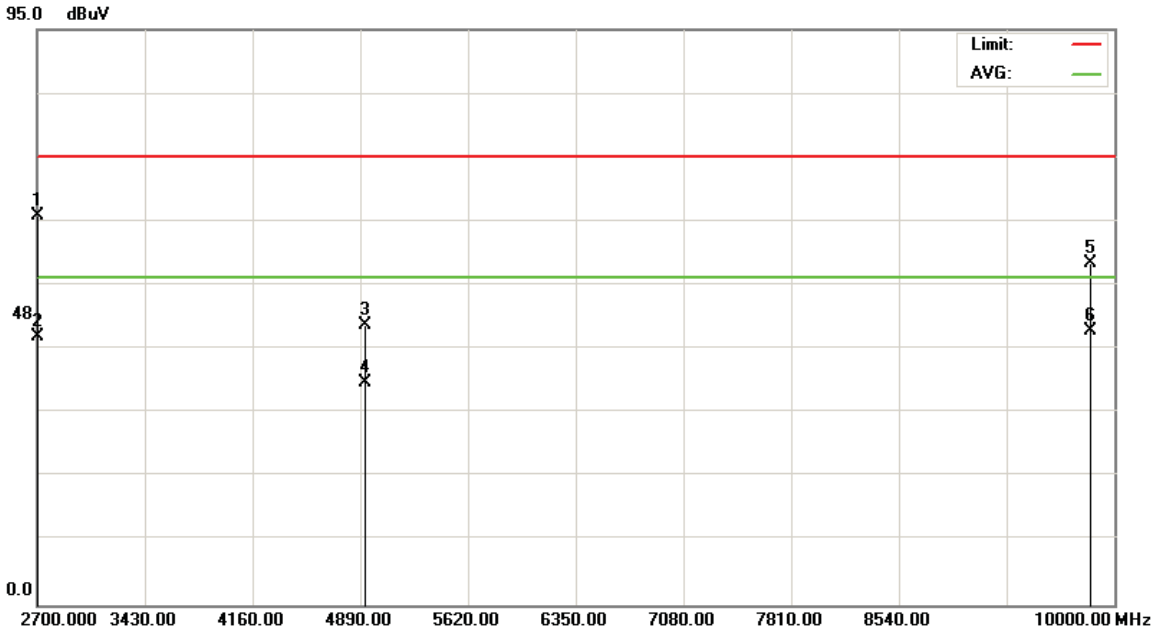


Site	Polarization: *Horizontal*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 3m		
M/N: 08-0270-E			
Mode: WIFI(11b)			
Note: CH11(2462MHz)Antenna 100cm			
2.7G-10G AV Scan			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2638.800	50.94	0.97	51.91	74.00	-22.09	peak			
2	*	2638.800	34.89	0.97	35.86	54.00	-18.14	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#5 Date: 2008/11/12 Time: 下午 06:42:57



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

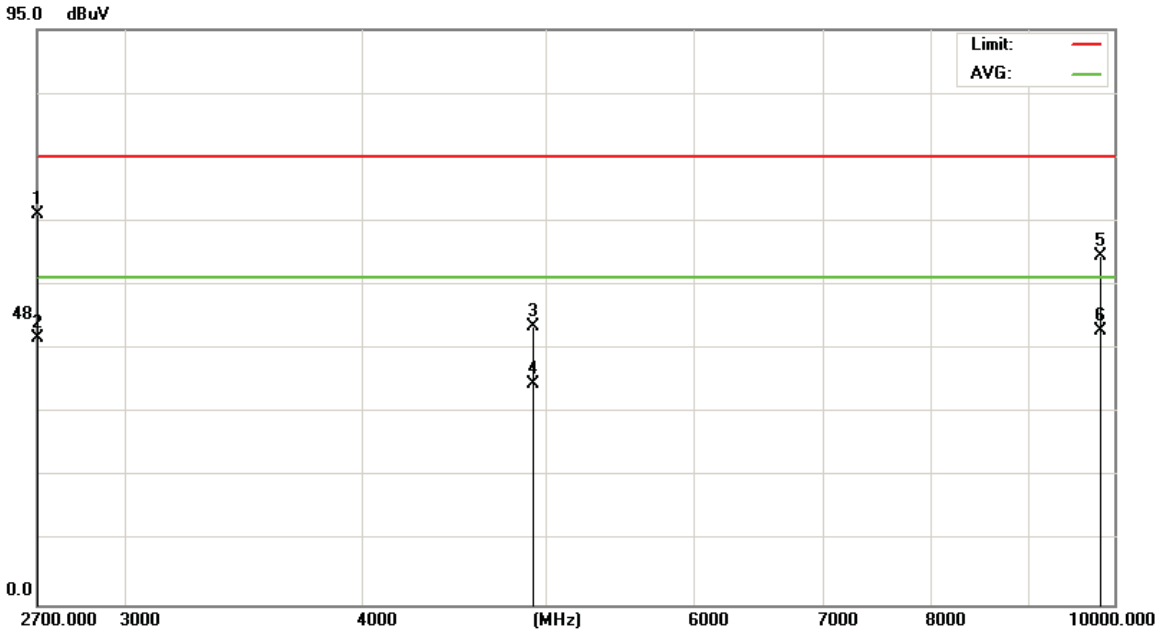
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.75	22.58	64.33	74.00	-9.67	peak			
2		2700.000	21.63	22.58	44.21	54.00	-9.79	AVG			
3		4924.000	38.48	7.65	46.13	74.00	-27.87	peak			
4		4924.000	29.00	7.65	36.65	54.00	-17.35	AVG			
5		9835.750	38.56	17.83	56.39	74.00	-17.61	peak			
6	*	9835.750	27.51	17.83	45.34	54.00	-8.66	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#7 Date: 2008/11/12 Time: 下午 06:53:39



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

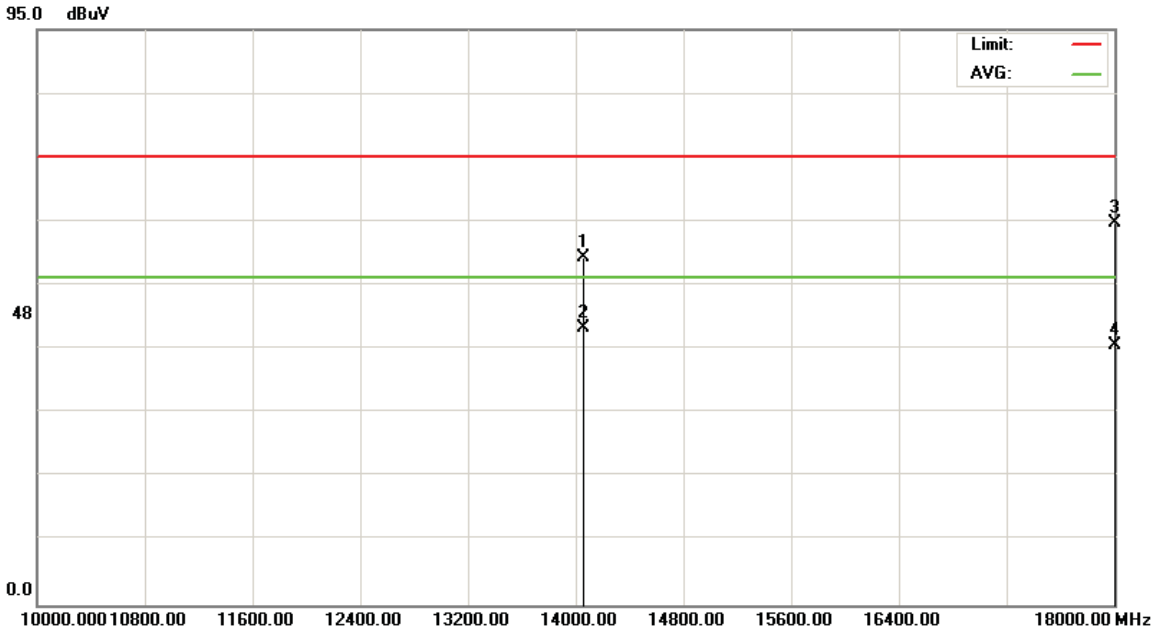
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.82	22.58	64.40	74.00	-9.60	peak			
2		2700.000	21.56	22.58	44.14	54.00	-9.86	AVG			
3		4924.000	38.21	7.65	45.86	74.00	-28.14	peak			
4		4924.000	28.86	7.65	36.51	54.00	-17.49	AVG			
5		9835.750	39.68	17.83	57.51	74.00	-16.49	peak			
6	*	9835.750	27.51	17.83	45.34	54.00	-8.66	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:50:29

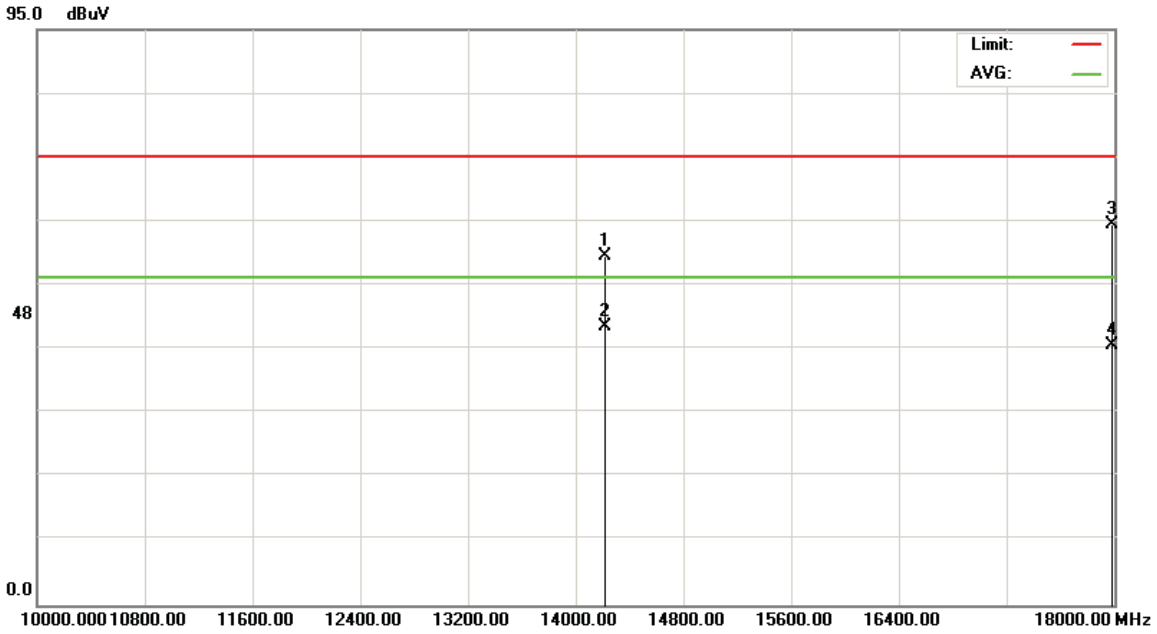


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH11(2462MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14060.00	38.58	18.72	57.30	74.00	-16.70	peak			
2	*	14060.00	27.02	18.72	45.74	54.00	-8.26	AVG			
3		18000.00	37.41	25.57	62.98	74.00	-11.02	peak			
4		18000.00	17.41	25.57	42.98	54.00	-11.02	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#11 Date: 2008/11/20 Time: 下午 10:57:07



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)Antenna 100cm
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

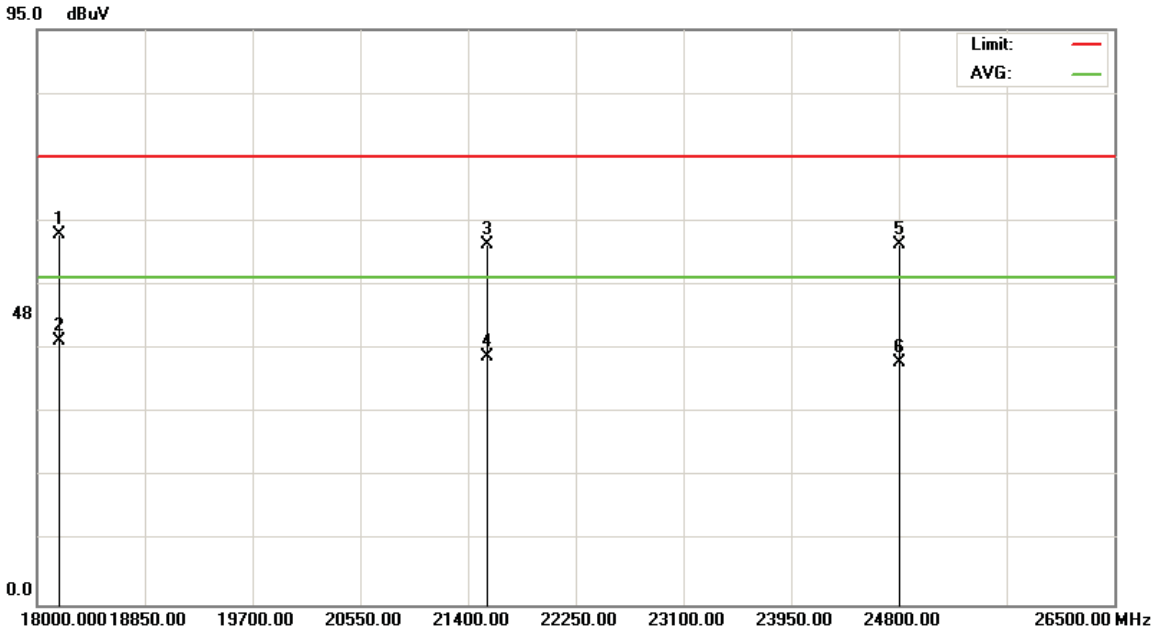
Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14220.00	38.87	18.78	57.65	74.00	-16.35	peak			
2	*	14220.00	27.11	18.78	45.89	54.00	-8.11	AVG			
3		17980.00	37.68	25.21	62.89	74.00	-11.11	peak			
4		17980.00	17.56	25.21	42.77	54.00	-11.23	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#13 Date: 2008/11/21 Time: 上午 03:02:37



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11b)
Note: CH11(2462MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

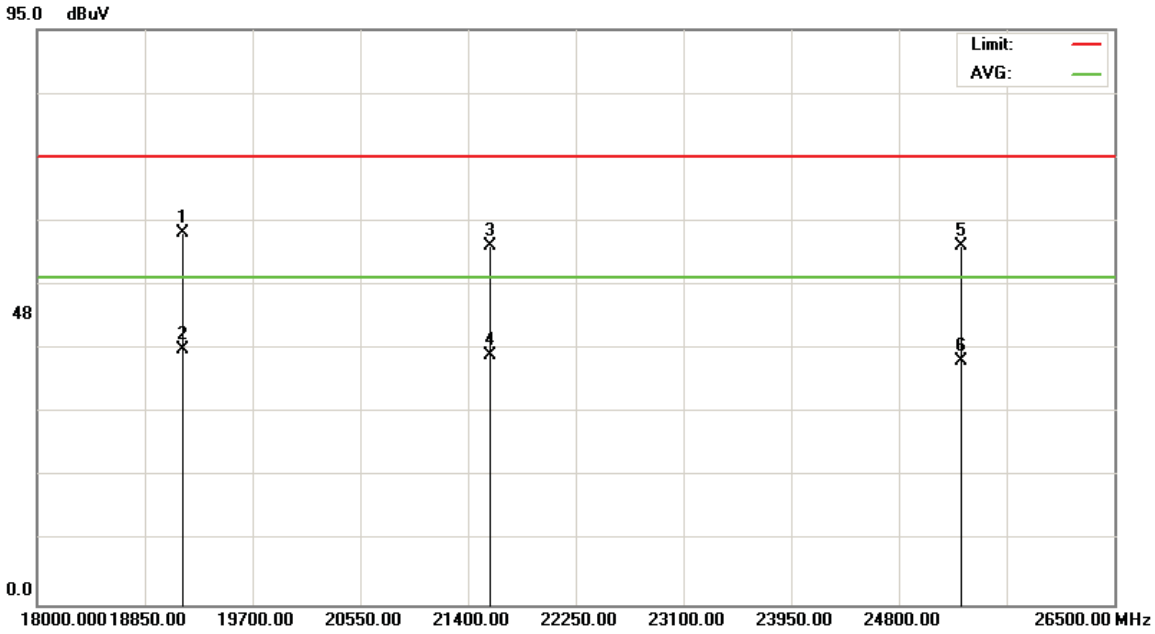
Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18170.00	38.04	23.23	61.27	74.00	-12.73	peak			
2	*	18170.00	20.26	23.23	43.49	54.00	-10.51	AVG			
3		21548.75	38.12	21.33	59.45	74.00	-14.55	peak			
4		21548.75	19.65	21.33	40.98	54.00	-13.02	AVG			
5		24800.00	40.06	19.55	59.61	74.00	-14.39	peak			
6		24800.00	20.54	19.55	40.09	54.00	-13.91	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:06:37



Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11b)		
Note: CH11(2462MHz)Antenna 100cm		
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		19147.50	38.34	22.97	61.31	74.00	-12.69	peak			
2	*	19147.50	19.11	22.97	42.08	54.00	-11.92	AVG			
3		21570.00	38.00	21.31	59.31	74.00	-14.69	peak			
4		21570.00	19.80	21.31	41.11	54.00	-12.89	AVG			
5		25288.75	40.22	19.11	59.33	74.00	-14.67	peak			
6		25288.75	21.09	19.11	40.20	54.00	-13.80	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

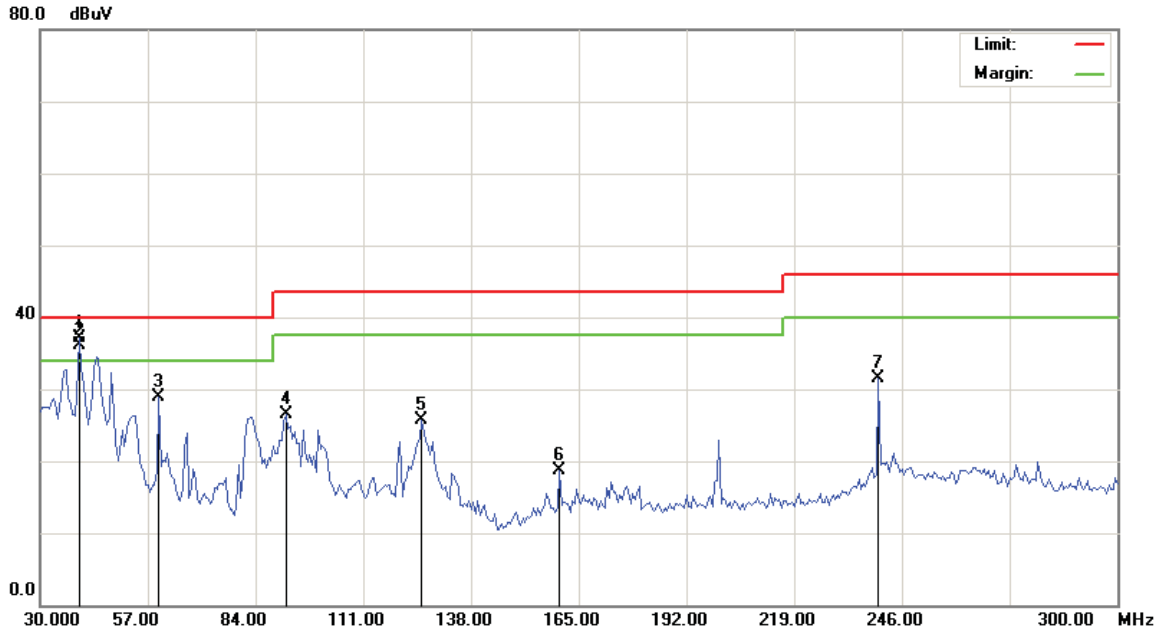
3.6.4 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11g CH1 2412.000 (Local Frequency: 2412.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11g) Data :#1 Date: 2008/11/25 Time: 下午 07:28:44



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)

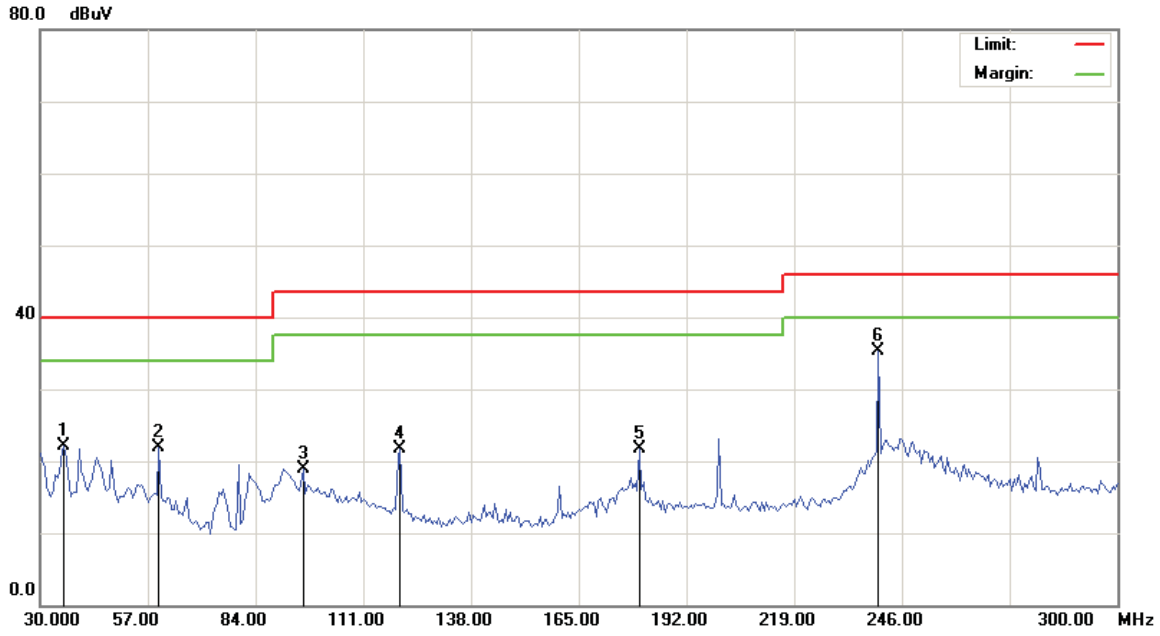
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	39.7200	49.11	-11.96	37.15	40.00	-2.85	peak			
2	!	39.7200	48.13	-11.96	36.17	40.00	-3.83	QP			
3		59.7000	41.44	-12.52	28.92	40.00	-11.08	peak			
4		91.5600	39.40	-12.83	26.57	43.50	-16.93	peak			
5		125.5800	40.85	-15.11	25.74	43.50	-17.76	peak			
6		160.1400	34.29	-15.49	18.80	43.50	-24.70	peak			
7		240.0600	42.93	-11.43	31.50	46.00	-14.50	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#3 Date: 2008/11/25 Time: 下午 07:37:18



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)

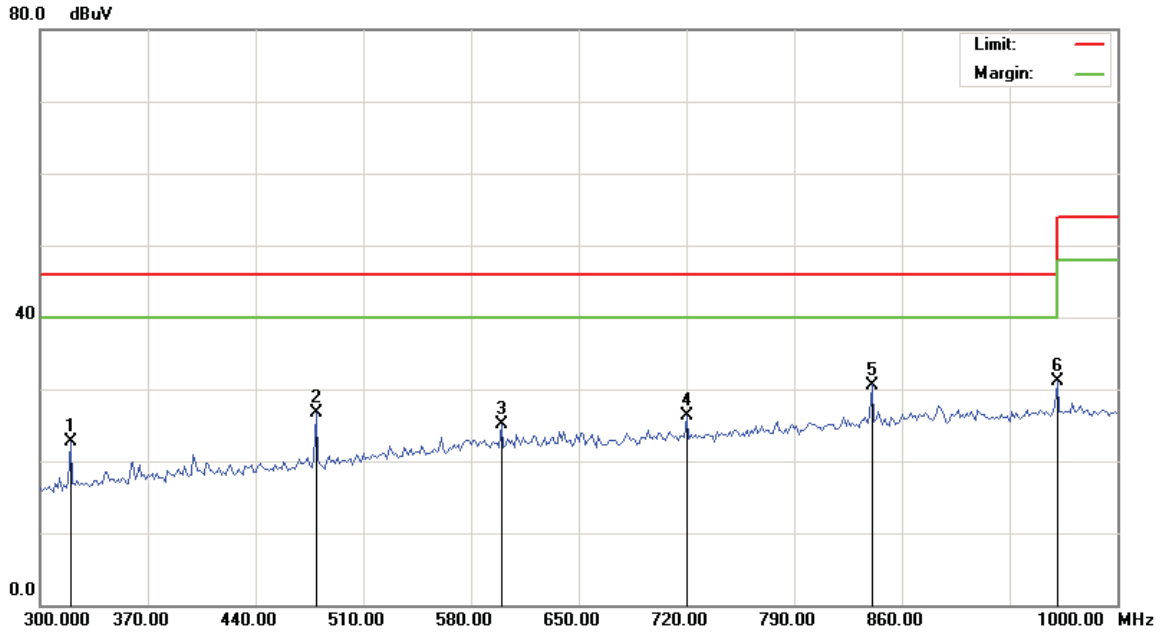
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		35.9400	35.02	-12.95	22.07	40.00	-17.93	peak			
2		59.7000	34.33	-12.52	21.81	40.00	-18.19	peak			
3		95.8800	30.84	-11.99	18.85	43.50	-24.65	peak			
4		120.1800	35.88	-14.23	21.65	43.50	-21.85	peak			
5		180.1200	36.06	-14.31	21.75	43.50	-21.75	peak			
6	*	240.0600	46.71	-11.43	35.28	46.00	-10.72	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#2 Date: 2008/11/25 Time: 下午 07:33:04



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)

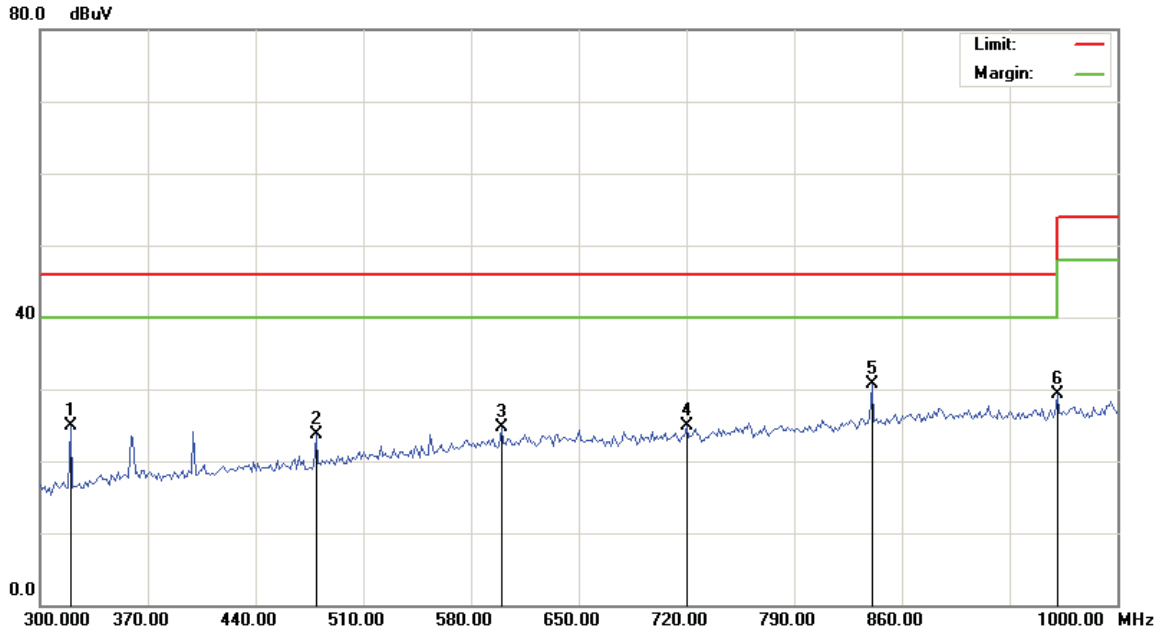
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	32.43	-9.82	22.61	46.00	-23.39	peak			
2		479.2000	34.36	-7.60	26.76	46.00	-19.24	peak			
3		599.6000	29.99	-4.91	25.08	46.00	-20.92	peak			
4		720.0000	29.76	-3.55	26.21	46.00	-19.79	peak			
5	*	840.4000	32.01	-1.41	30.60	46.00	-15.40	peak			
6		960.8000	30.60	0.48	31.08	54.00	-22.92	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#4 Date: 2008/11/25 Time: 下午 07:41:32



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)

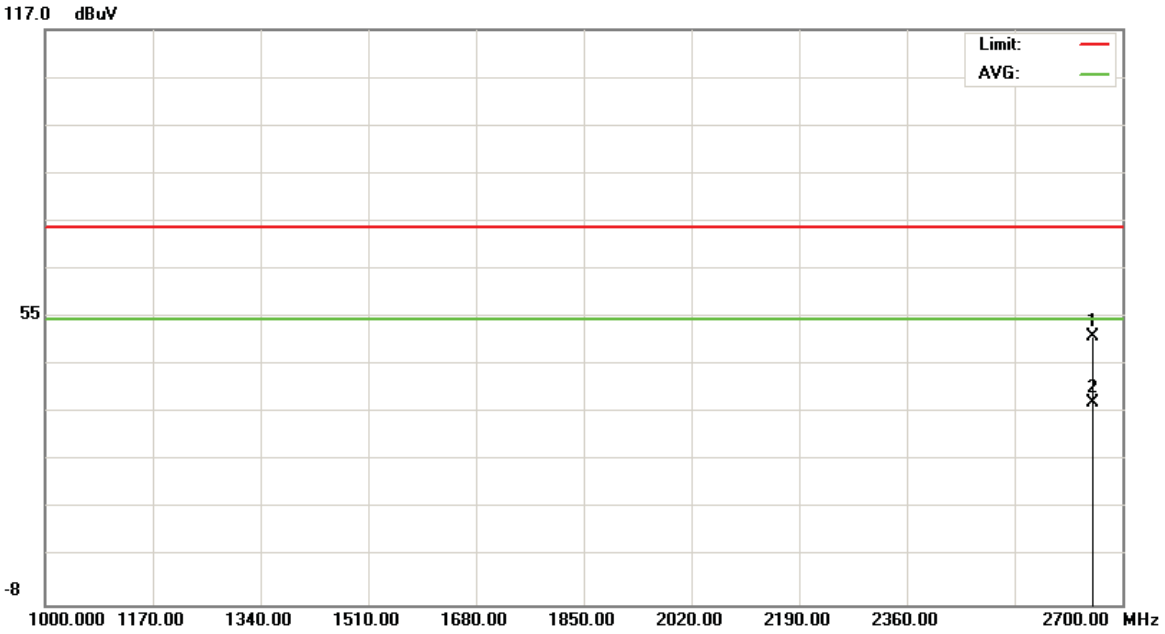
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	34.63	-9.82	24.81	46.00	-21.19	peak			
2		479.2000	31.28	-7.60	23.68	46.00	-22.32	peak			
3		599.6000	29.60	-4.91	24.69	46.00	-21.31	peak			
4		720.0000	28.47	-3.55	24.92	46.00	-21.08	peak			
5	*	840.4000	32.04	-1.41	30.63	46.00	-15.37	peak			
6		960.8000	28.90	0.48	29.38	54.00	-24.62	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:49:06



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)Antenna 100cm
2.7G-10G AV Scan

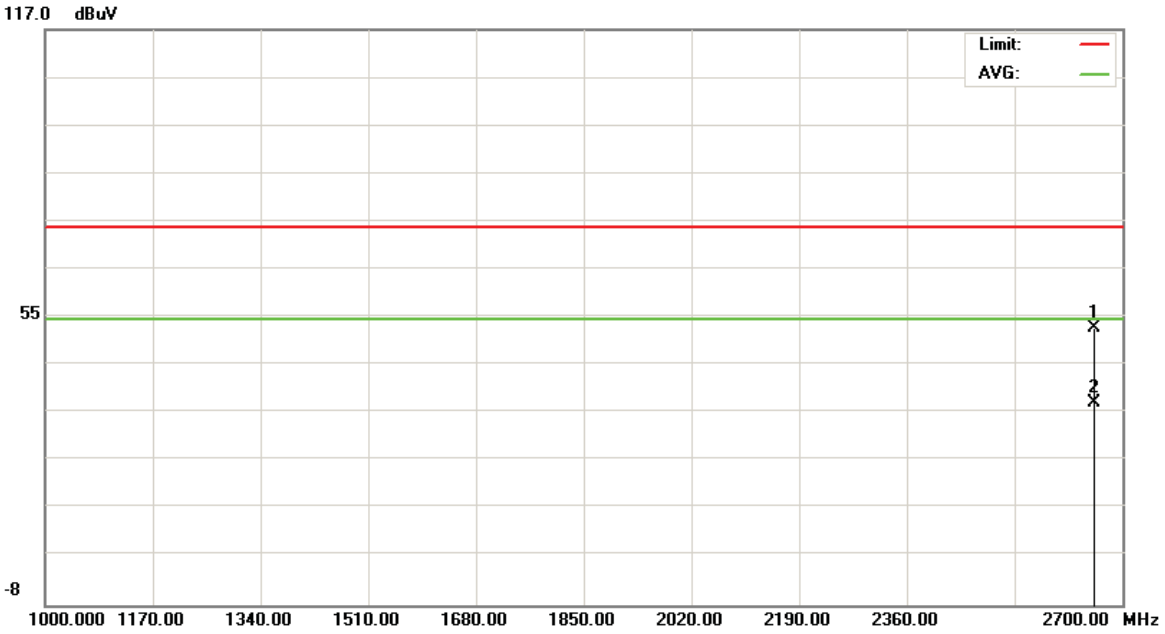
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2652.400	49.36	0.95	50.31	74.00	-23.69	peak			
2	*	2652.400	34.85	0.95	35.80	54.00	-18.20	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#3 Date: 2008/11/20 Time: 下午 09:55:19

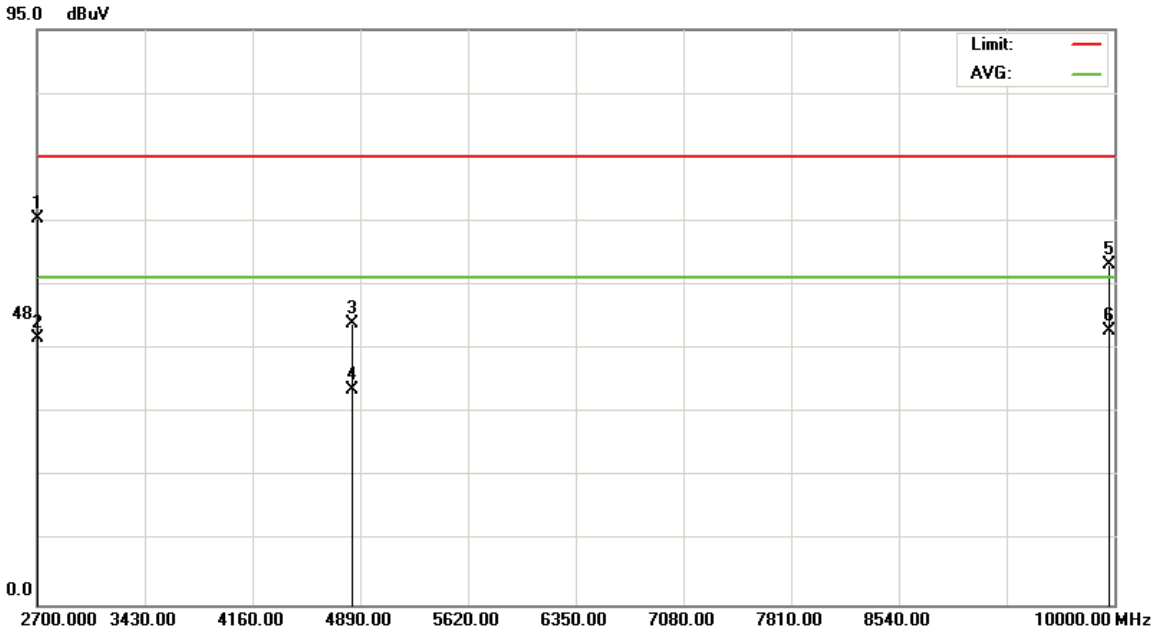


Site	Polarization: *Horizontal*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 3m		
M/N: 08-0270-E			
Mode: WIFI(11g)			
Note: CH01(2412MHz)Antenna 100cm			
2.7G-10G AV Scan			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2655.800	51.21	0.94	52.15	74.00	-21.85	peak			
2	*	2655.800	34.88	0.94	35.82	54.00	-18.18	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#5 Date: 2008/11/12 Time: 下午 07:04:20



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

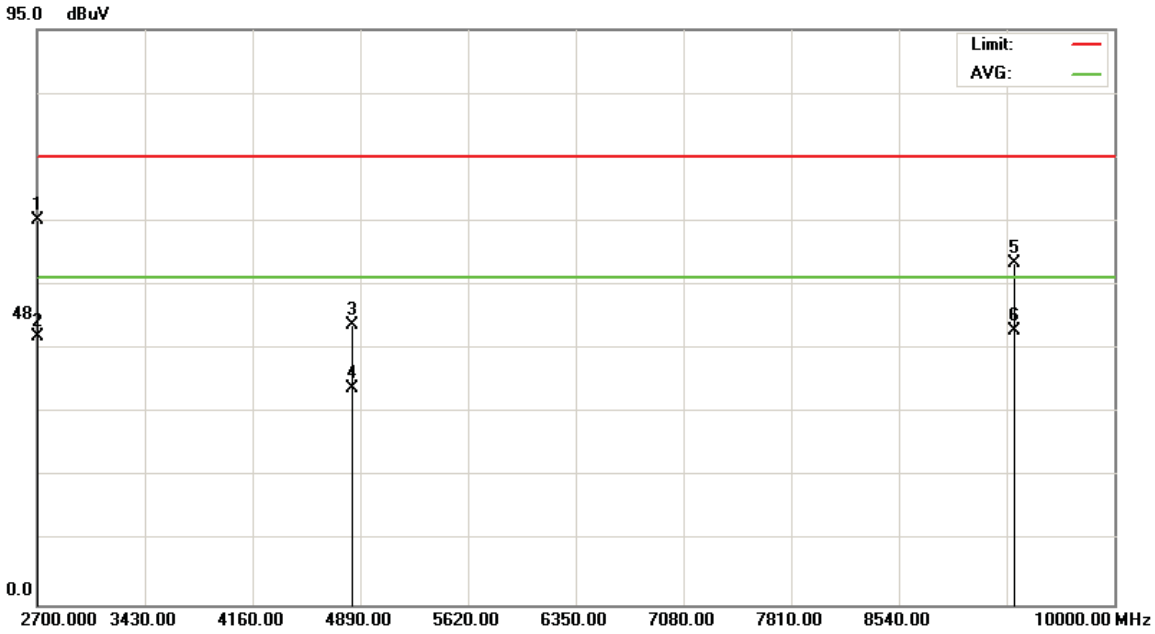
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	2700.000	41.08	22.58	63.66	74.00	-10.34	peak			
2		2700.000	21.59	22.58	44.17	74.00	-29.83	peak			
3		4824.000	39.01	7.48	46.49	74.00	-27.51	peak			
4		4824.000	28.13	7.48	35.61	74.00	-38.39	peak			
5		9963.500	38.32	17.82	56.14	74.00	-17.86	peak			
6		9963.500	27.47	17.82	45.29	74.00	-28.71	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#7 Date: 2008/11/12 Time: 下午 07:46:21



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

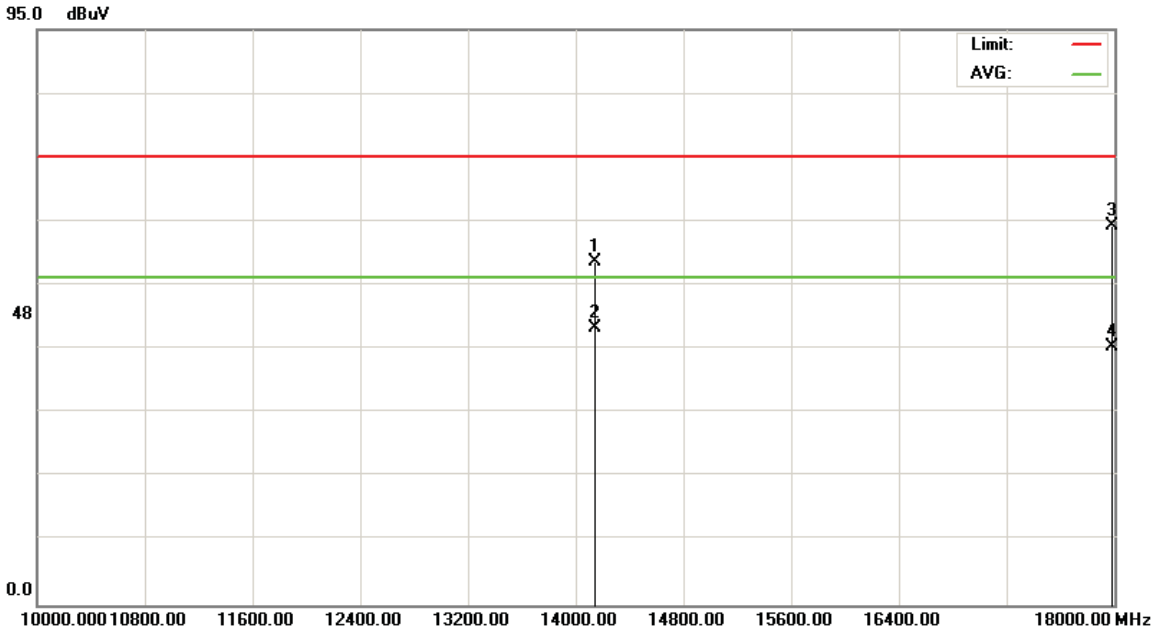
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.03	22.58	63.61	74.00	-10.39	peak			
2		2700.000	21.70	22.58	44.28	54.00	-9.72	AVG			
3		4824.000	38.68	7.48	46.16	74.00	-27.84	peak			
4		4824.000	28.15	7.48	35.63	54.00	-18.37	AVG			
5		9324.750	39.49	16.91	56.40	74.00	-17.60	peak			
6	*	9324.750	28.24	16.91	45.15	54.00	-8.85	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:32:45



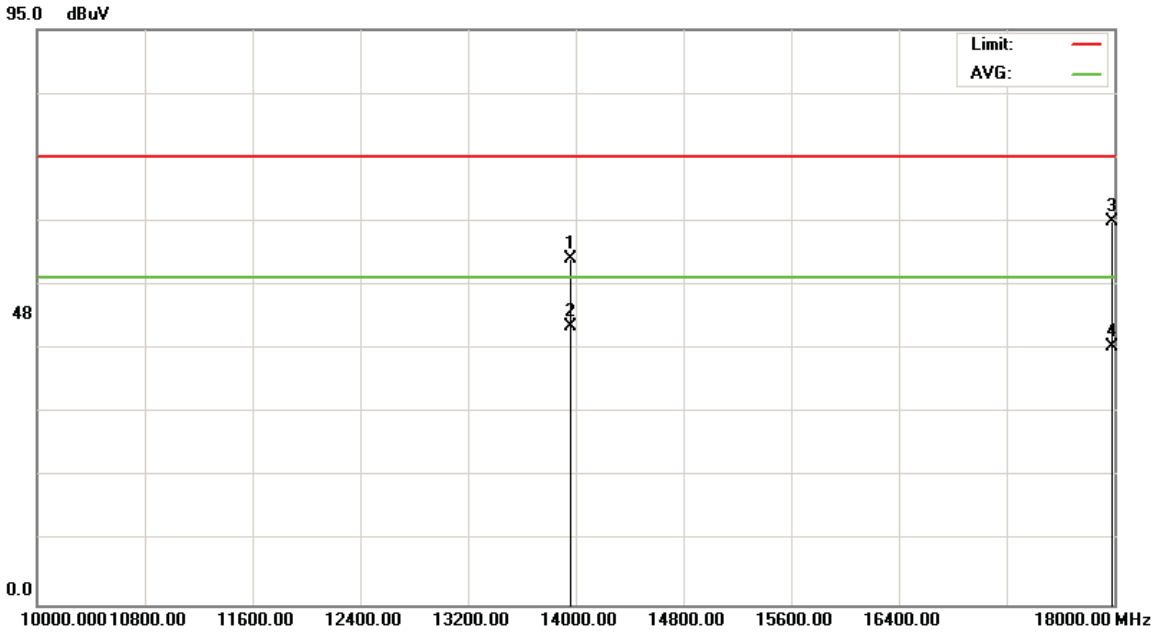
Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH01(2412MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14140.00	37.86	18.84	56.70	74.00	-17.30	peak			
2	*	14140.00	26.99	18.84	45.83	54.00	-8.17	AVG			
3		17980.00	37.48	25.21	62.69	74.00	-11.31	peak			
4		17980.00	17.33	25.21	42.54	54.00	-11.46	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

Radiated Emission Measurement

File :Arctic(2412MHZ) Data :#11 Date: 2008/11/21 Time: 上午 02:14:51



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH01(2412MHz)Antenna 100cm
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

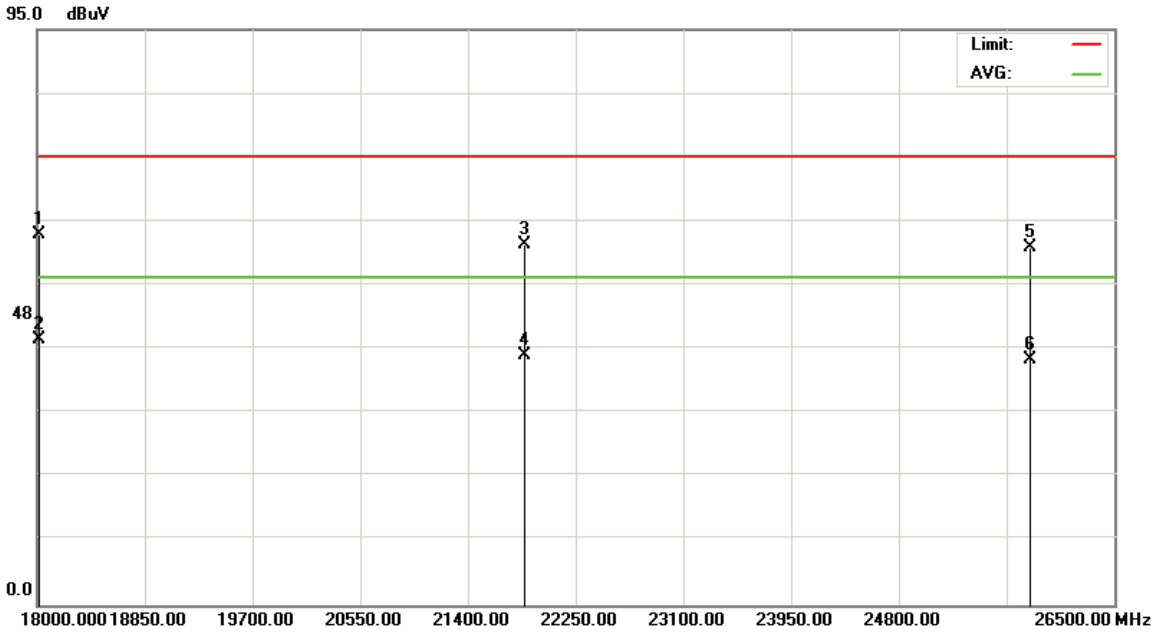
Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		13960.00	38.58	18.57	57.15	74.00	-16.85	peak			
2	*	13960.00	27.50	18.57	46.07	54.00	-7.93	AVG			
3		17980.00	38.19	25.21	63.40	74.00	-10.60	peak			
4		17980.00	17.36	25.21	42.57	54.00	-11.43	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#13 Date: 2008/11/21 Time: 上午 02:52:38

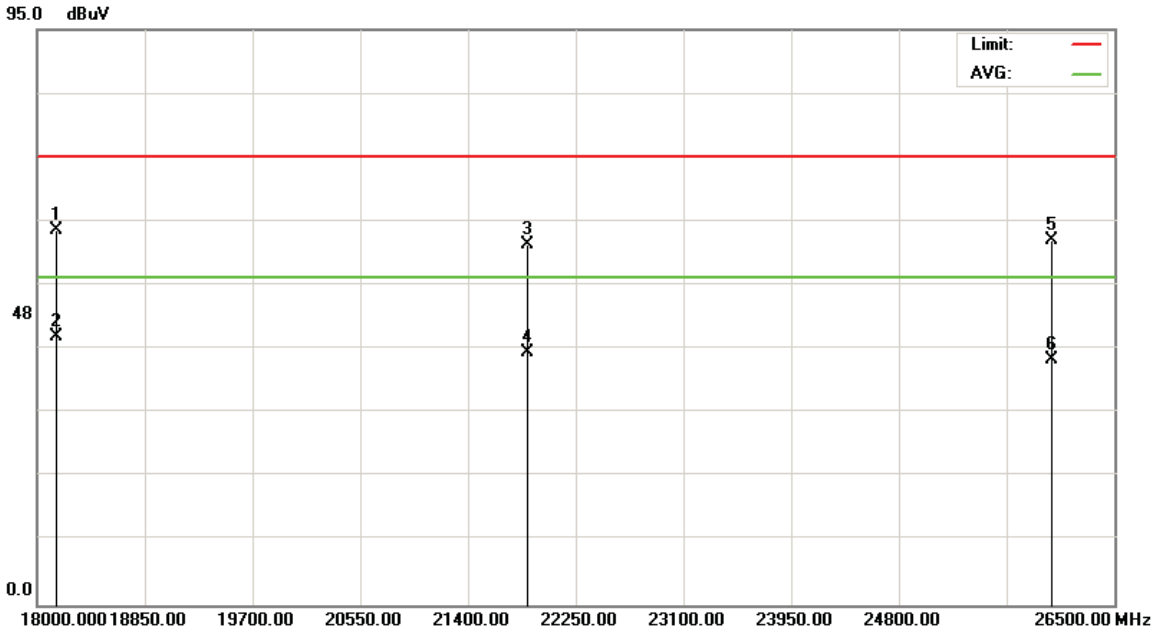


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH01(2412MHz)Antenna 100cm		
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18021.25	37.95	23.28	61.23	74.00	-12.77	peak			
2	*	18021.25	20.45	23.28	43.73	54.00	-10.27	AVG			
3		21846.25	38.18	21.20	59.38	74.00	-14.62	peak			
4		21846.25	20.00	21.20	41.20	54.00	-12.80	AVG			
5		25841.25	40.23	18.69	58.92	74.00	-15.08	peak			
6		25841.25	21.91	18.69	40.60	54.00	-13.40	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2412MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:15:48



Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH01(2412MHz)Antenna 100cm		
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18148.75	38.57	23.22	61.79	74.00	-12.21	peak			
2	*	18148.75	20.96	23.22	44.18	54.00	-9.82	AVG			
3		21867.50	38.33	21.19	59.52	74.00	-14.48	peak			
4		21867.50	20.43	21.19	41.62	54.00	-12.38	AVG			
5		26011.25	41.68	18.54	60.22	74.00	-13.78	peak			
6		26011.25	21.96	18.54	40.50	54.00	-13.50	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

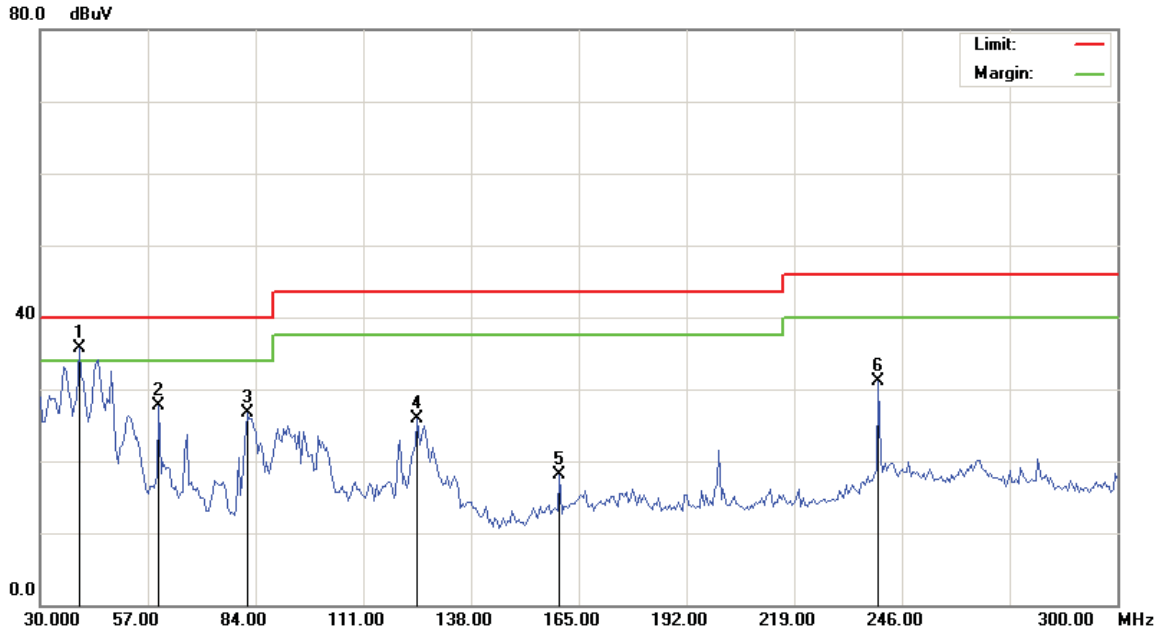
3.6.5 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11g CH6 2437.000 (Local Frequency: 2437.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11g) Data :#5 Date: 2008/11/25 Time: 下午 07:49:26



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)

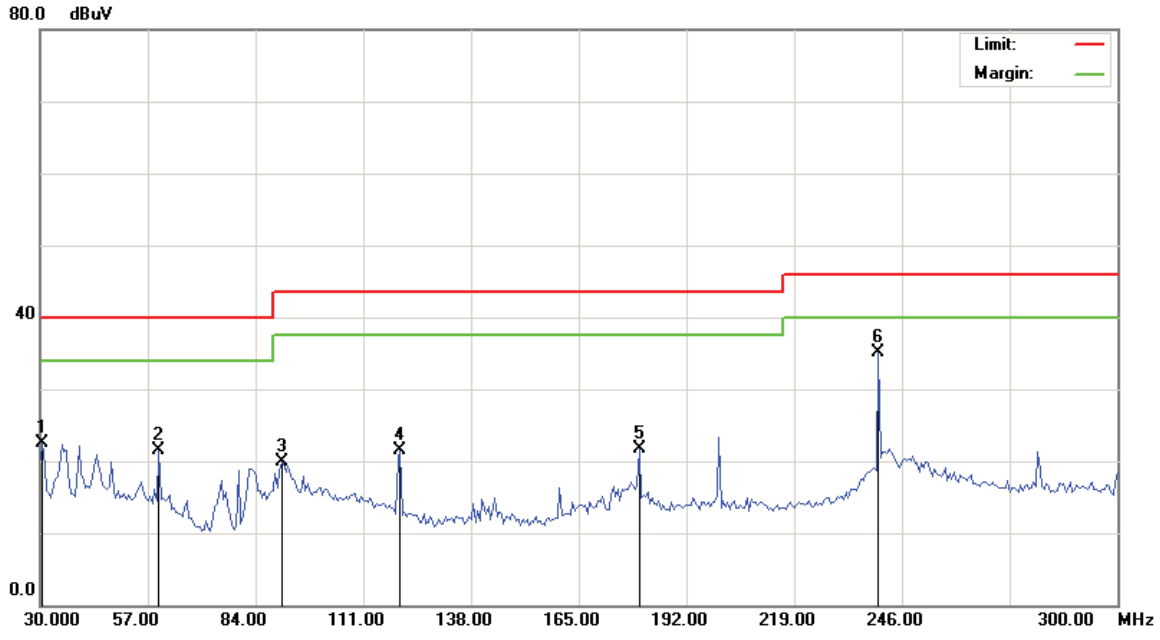
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	39.7200	47.61	-11.96	35.65	40.00	-4.35	peak			
2		59.7000	40.27	-12.52	27.75	40.00	-12.25	peak			
3		81.8399	42.49	-15.88	26.61	40.00	-13.39	peak			
4		124.5000	40.78	-14.95	25.83	43.50	-17.67	peak			
5		160.1400	33.61	-15.49	18.12	43.50	-25.38	peak			
6		240.0600	42.62	-11.43	31.19	46.00	-14.81	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#7 Date: 2008/11/25 Time: 下午 07:57:50



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)

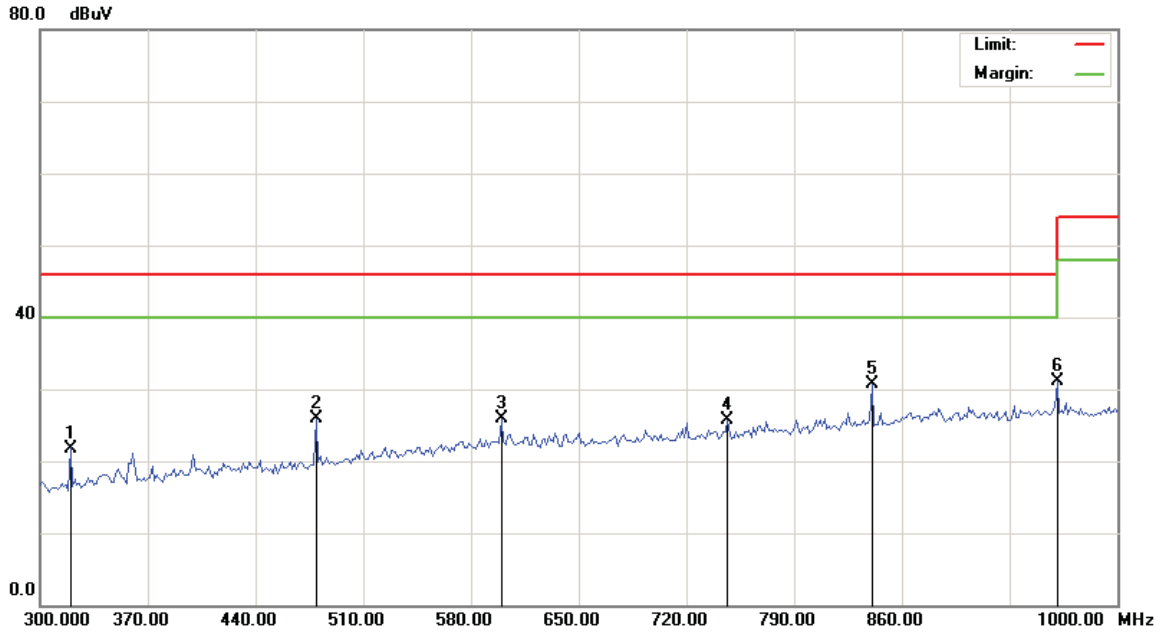
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		30.5400	35.81	-13.31	22.50	40.00	-17.50	peak			
2		59.7000	33.97	-12.52	21.45	40.00	-18.55	peak			
3		90.4800	32.88	-13.07	19.81	43.50	-23.69	peak			
4		120.1800	35.81	-14.23	21.58	43.50	-21.92	peak			
5		180.1200	36.00	-14.31	21.69	43.50	-21.81	peak			
6	*	240.0600	46.51	-11.43	35.08	46.00	-10.92	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#6 Date: 2008/11/25 Time: 下午 07:53:38



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)

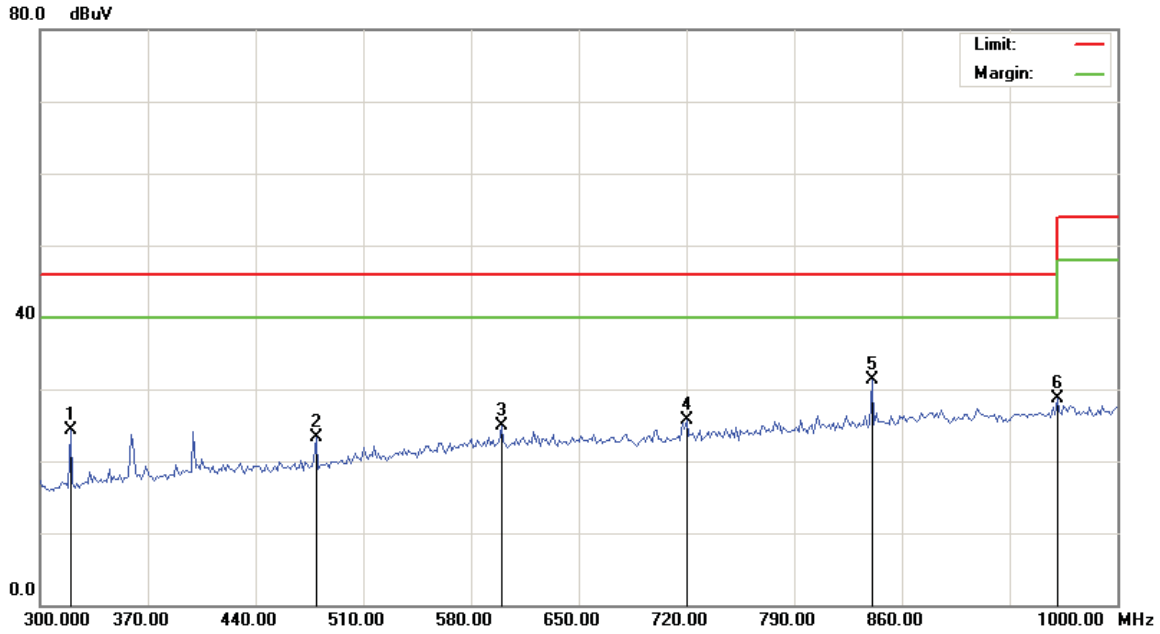
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	31.62	-9.82	21.80	46.00	-24.20	peak			
2		479.2000	33.46	-7.60	25.86	46.00	-20.14	peak			
3		599.6000	30.79	-4.91	25.88	46.00	-20.12	peak			
4		746.6000	28.76	-3.11	25.65	46.00	-20.35	peak			
5	*	840.4000	32.05	-1.41	30.64	46.00	-15.36	peak			
6		960.8000	30.69	0.48	31.17	54.00	-22.83	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#8 Date: 2008/11/25 Time: 下午 08:02:04



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)

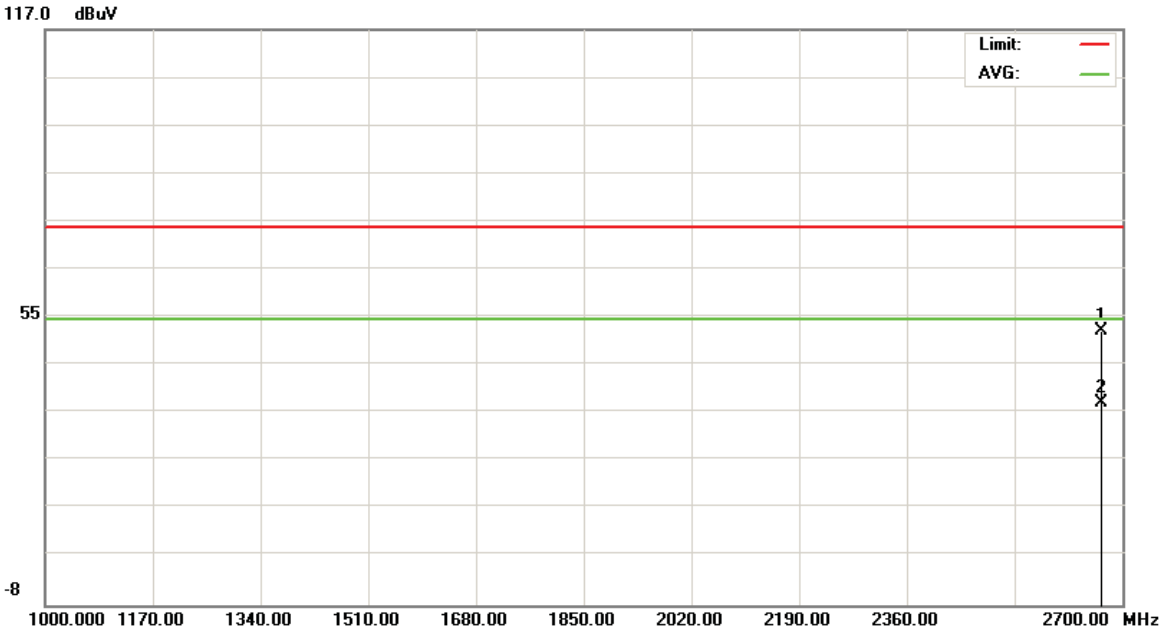
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	34.13	-9.82	24.31	46.00	-21.69	peak			
2		479.2000	30.85	-7.60	23.25	46.00	-22.75	peak			
3		599.6000	29.72	-4.91	24.81	46.00	-21.19	peak			
4		720.0000	29.21	-3.55	25.66	46.00	-20.34	peak			
5	*	840.4000	32.79	-1.41	31.38	46.00	-14.62	peak			
6		960.8000	28.23	0.48	28.71	54.00	-25.29	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:43:44



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)Antenna 167.4cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

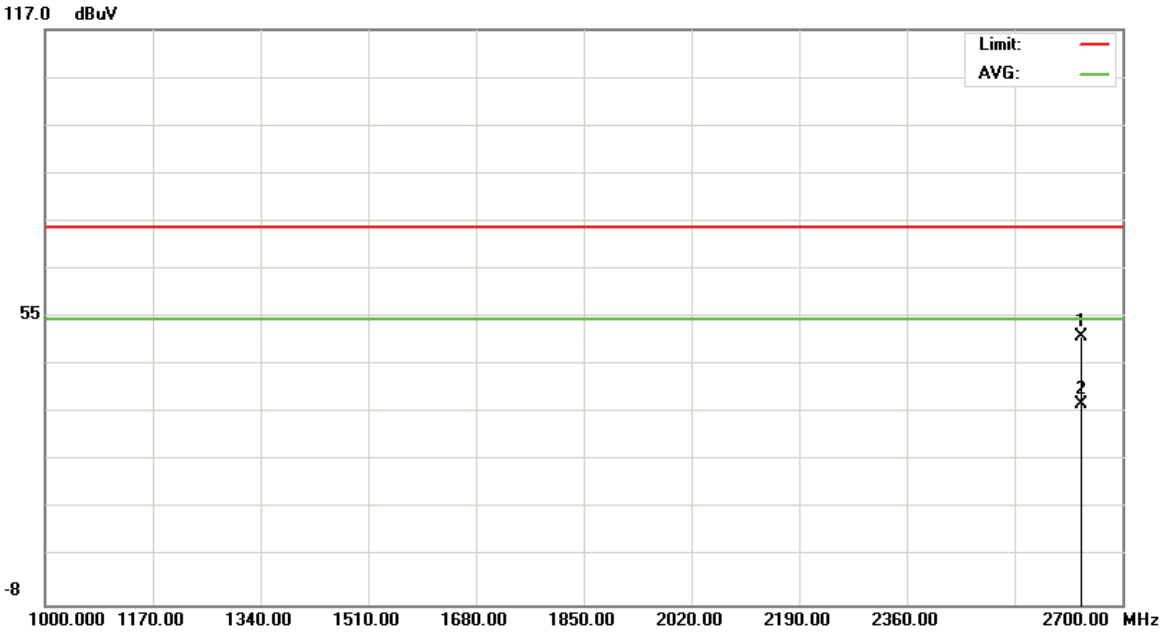
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2666.000	50.57	0.98	51.55	74.00	-22.45	peak			
2	*	2666.000	34.80	0.98	35.78	54.00	-18.22	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#3 Date: 2008/11/20 Time: 下午 09:08:19



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)Antenna 147.6cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

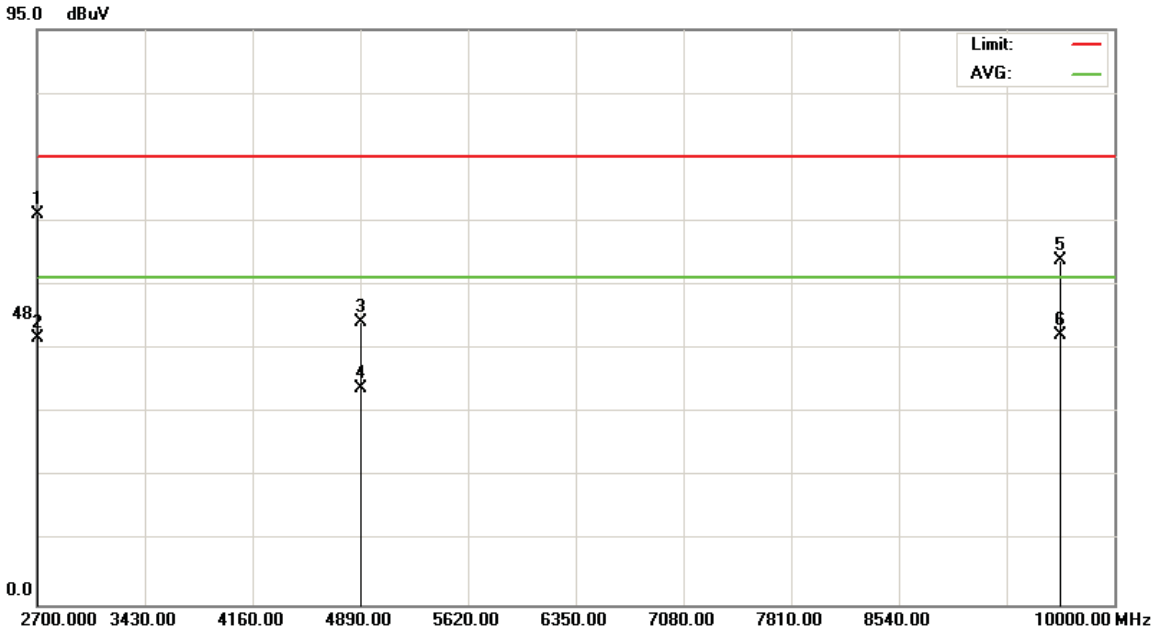
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2635.400	49.31	0.95	50.26	74.00	-23.74	peak			
2	*	2635.400	34.79	0.95	35.74	54.00	-18.26	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#5 Date: 2008/11/12 Time: 下午 07:15:18

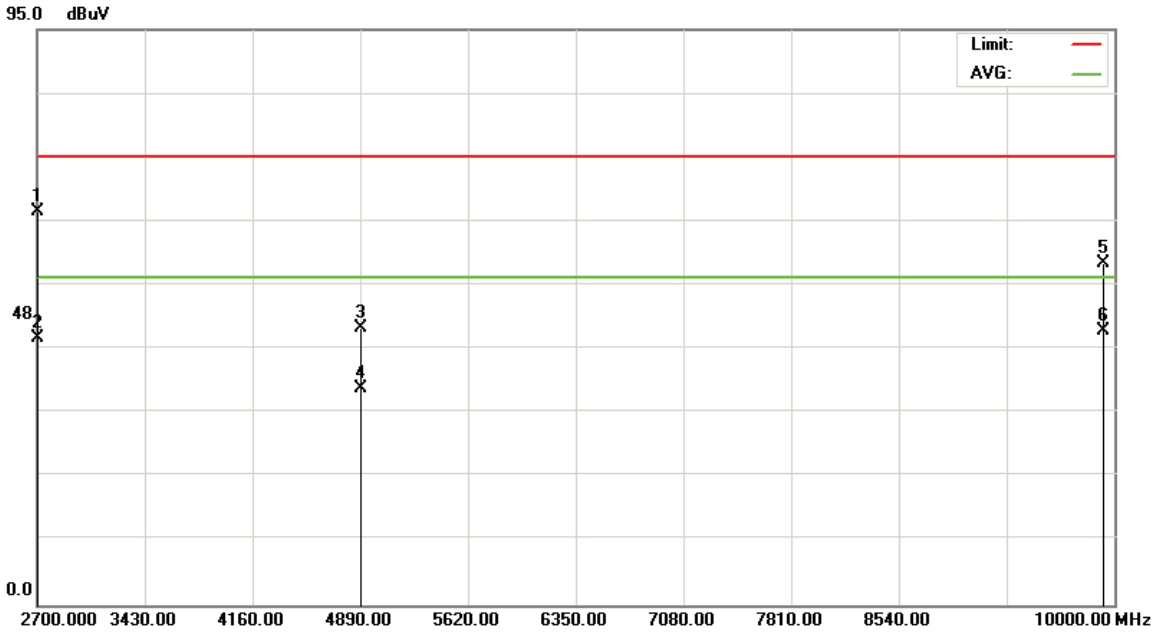


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH06(2437MHz)Antenna 100cm		
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.98	22.58	64.56	74.00	-9.44	peak			
2		2700.000	21.58	22.58	44.16	54.00	-9.84	AVG			
3		4874.000	38.87	7.72	46.59	74.00	-27.41	peak			
4		4874.000	28.00	7.72	35.72	54.00	-18.28	AVG			
5		9635.000	39.78	17.06	56.84	74.00	-17.16	peak			
6	*	9635.000	27.58	17.06	44.64	54.00	-9.36	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#7 Date: 2008/11/12 Time: 下午 07:38:34



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

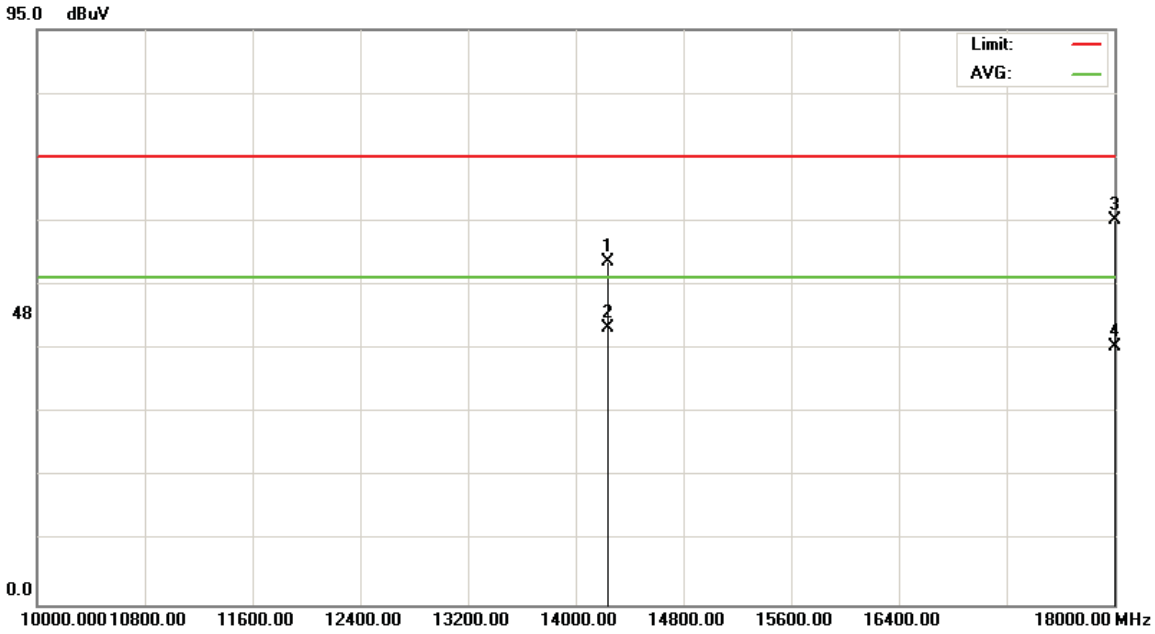
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	42.35	22.58	64.93	74.00	-9.07	peak			
2		2700.000	21.47	22.58	44.05	54.00	-9.95	AVG			
3		4874.000	37.91	7.72	45.63	74.00	-28.37	peak			
4		4874.000	27.97	7.72	35.69	54.00	-18.31	AVG			
5		9927.000	38.63	17.78	56.41	74.00	-17.59	peak			
6	*	9927.000	27.48	17.78	45.26	54.00	-8.74	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:26:58

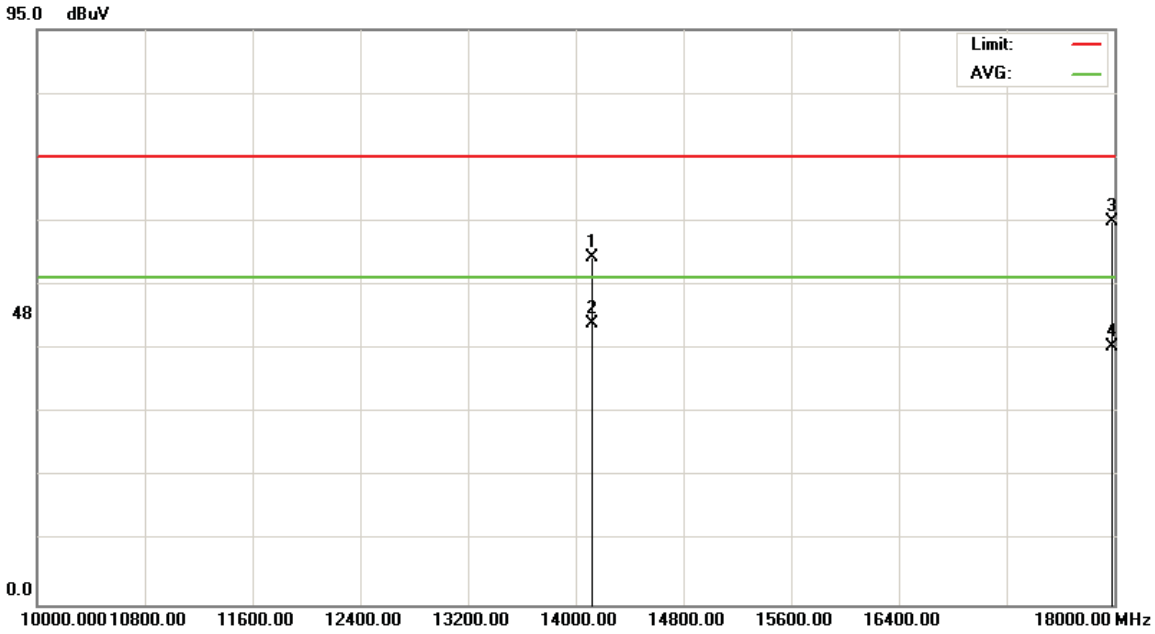


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH06(2437MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14240.00	37.93	18.71	56.64	74.00	-17.36	peak			
2	*	14240.00	27.09	18.71	45.80	54.00	-8.20	AVG			
3		18000.00	37.95	25.57	63.52	74.00	-10.48	peak			
4		18000.00	17.10	25.57	42.67	54.00	-11.33	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#11 Date: 2008/11/21 Time: 上午 02:19:35

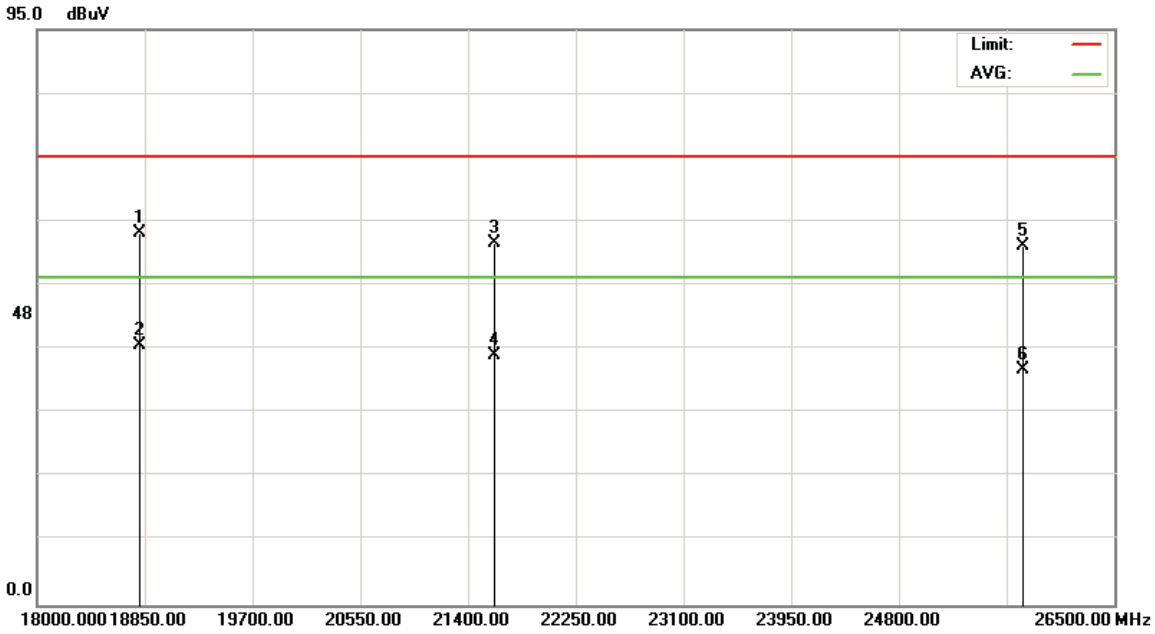


Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH06(2437MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14120.00	38.55	18.87	57.42	74.00	-16.58	peak			
2	*	14120.00	27.58	18.87	46.45	54.00	-7.55	AVG			
3		17980.00	37.97	25.21	63.18	74.00	-10.82	peak			
4		17980.00	17.50	25.21	42.71	54.00	-11.29	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#13 Date: 2008/11/21 Time: 上午 02:49:00

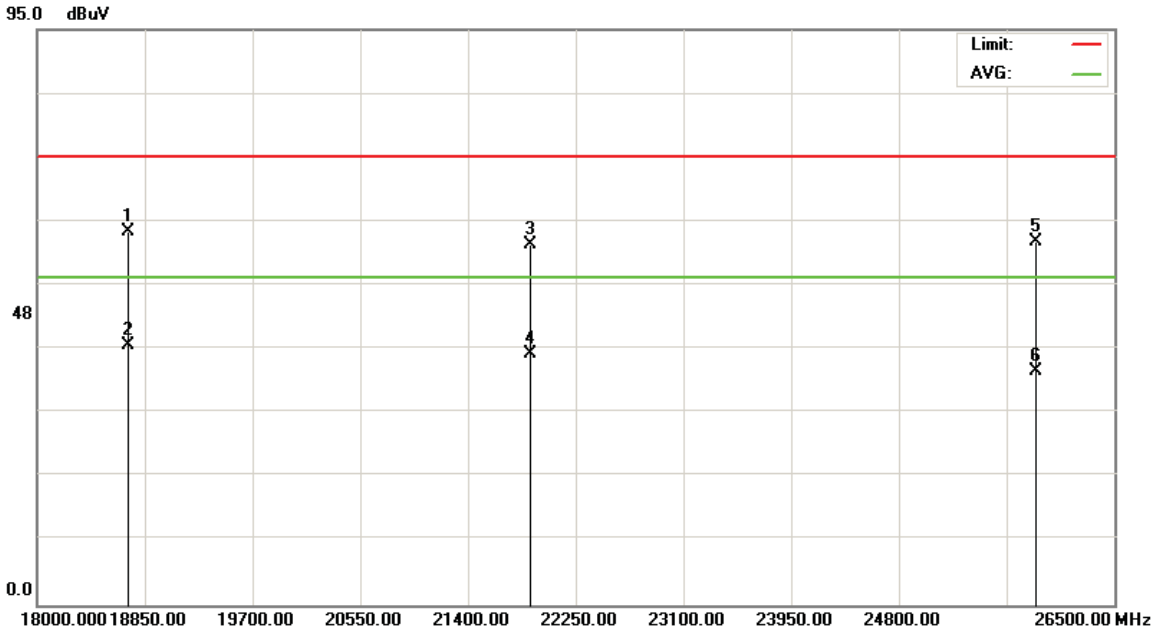


Site	Polarization: *Vertical*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 1m		
M/N: 08-0270-E			
Mode: WIFI(11g)			
Note: CH06(2437MHz)Antenna 100cm			
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18807.50	38.22	23.16	61.38	74.00	-12.62	peak			
2	*	18807.50	19.62	23.16	42.78	54.00	-11.22	AVG			
3		21612.50	38.42	21.28	59.70	74.00	-14.30	peak			
4		21612.50	19.99	21.28	41.27	54.00	-12.73	AVG			
5		25777.50	40.46	18.74	59.20	74.00	-14.80	peak			
6		25777.50	20.15	18.74	38.89	54.00	-15.11	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2437MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:18:44



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH06(2437MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18722.50	38.52	23.12	61.64	74.00	-12.36	peak			
2	*	18722.50	19.67	23.12	42.79	54.00	-11.21	AVG			
3		21888.75	38.40	21.18	59.58	74.00	-14.42	peak			
4		21888.75	20.33	21.18	41.51	54.00	-12.49	AVG			
5		25883.75	41.24	18.65	59.89	74.00	-14.11	peak			
6		25883.75	19.97	18.65	38.62	54.00	-15.38	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

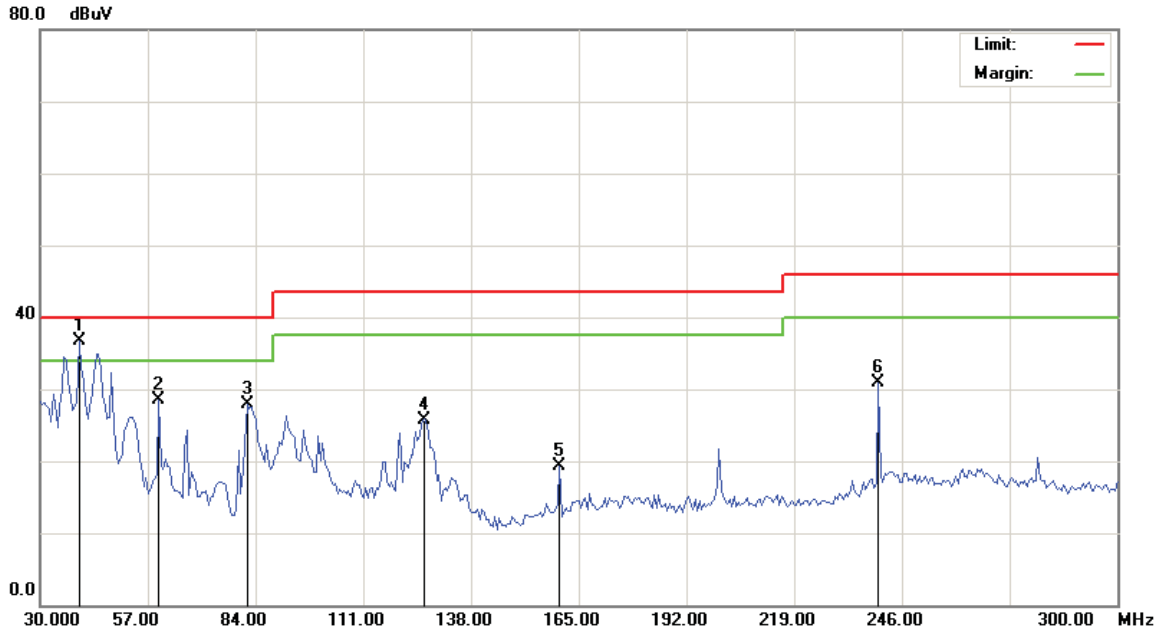
3.6.6 Open Field Radiated Emissions (Subpart C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11g CH11 2462.000 (Local Frequency: 2462.000 MHz)
Test Date : 11/12 ~ 11/25/2008
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

File :Arctic(11g) Data :#9 Date: 2008/11/25 Time: 下午 08:07:02



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)

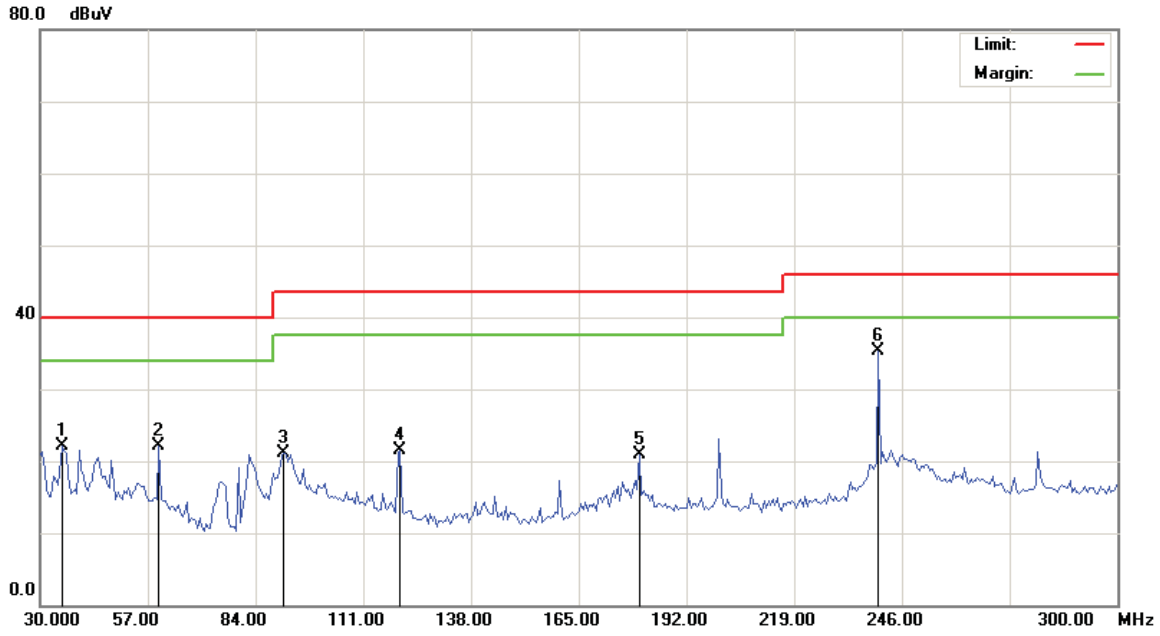
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	39.7200	48.61	-11.96	36.65	40.00	-3.35	peak			
2		59.7000	40.93	-12.52	28.41	40.00	-11.59	peak			
3		81.8399	43.83	-15.88	27.95	40.00	-12.05	peak			
4		126.1200	40.97	-15.17	25.80	43.50	-17.70	peak			
5		160.1400	34.78	-15.49	19.29	43.50	-24.21	peak			
6		240.0600	42.30	-11.43	30.87	46.00	-15.13	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#11 Date: 2008/11/25 Time: 下午 08:15:27



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)

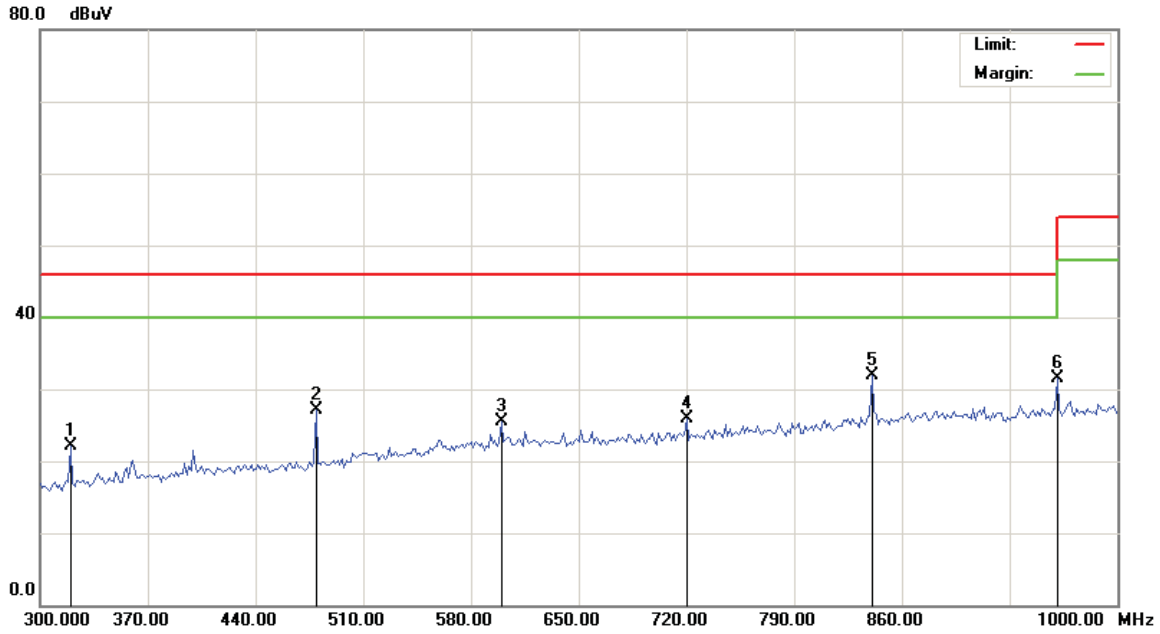
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		35.4000	35.18	-13.09	22.09	40.00	-17.91	peak			
2		59.7000	34.54	-12.52	22.02	40.00	-17.98	peak			
3		91.0199	33.98	-12.95	21.03	43.50	-22.47	peak			
4		120.1800	35.72	-14.23	21.49	43.50	-22.01	peak			
5		180.1200	35.12	-14.31	20.81	43.50	-22.69	peak			
6	*	240.0600	46.76	-11.43	35.33	46.00	-10.67	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#10 Date: 2008/11/25 Time: 下午 08:11:15



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)

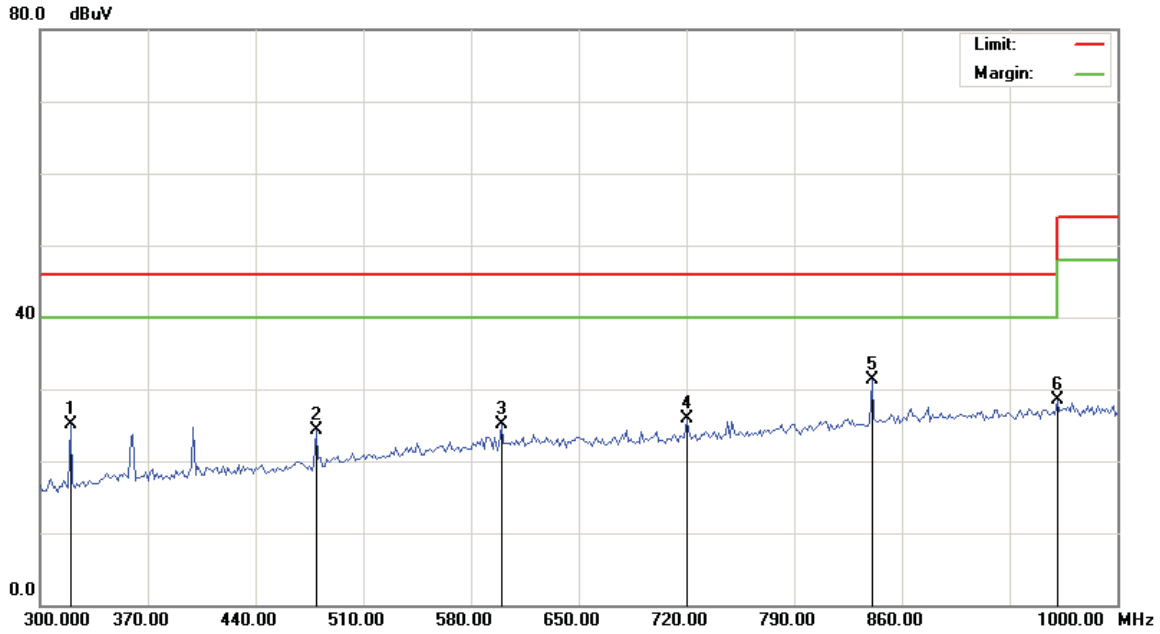
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	31.93	-9.82	22.11	46.00	-23.89	peak			
2		479.2000	34.70	-7.60	27.10	46.00	-18.90	peak			
3		599.6000	30.45	-4.91	25.54	46.00	-20.46	peak			
4		720.0000	29.47	-3.55	25.92	46.00	-20.08	peak			
5	*	840.4000	33.32	-1.41	31.91	46.00	-14.09	peak			
6		960.8000	30.97	0.48	31.45	54.00	-22.55	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g) Data :#12 Date: 2008/11/25 Time: 下午 08:19:40



Site
Limit: FCC Class B 3M Radiation
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)

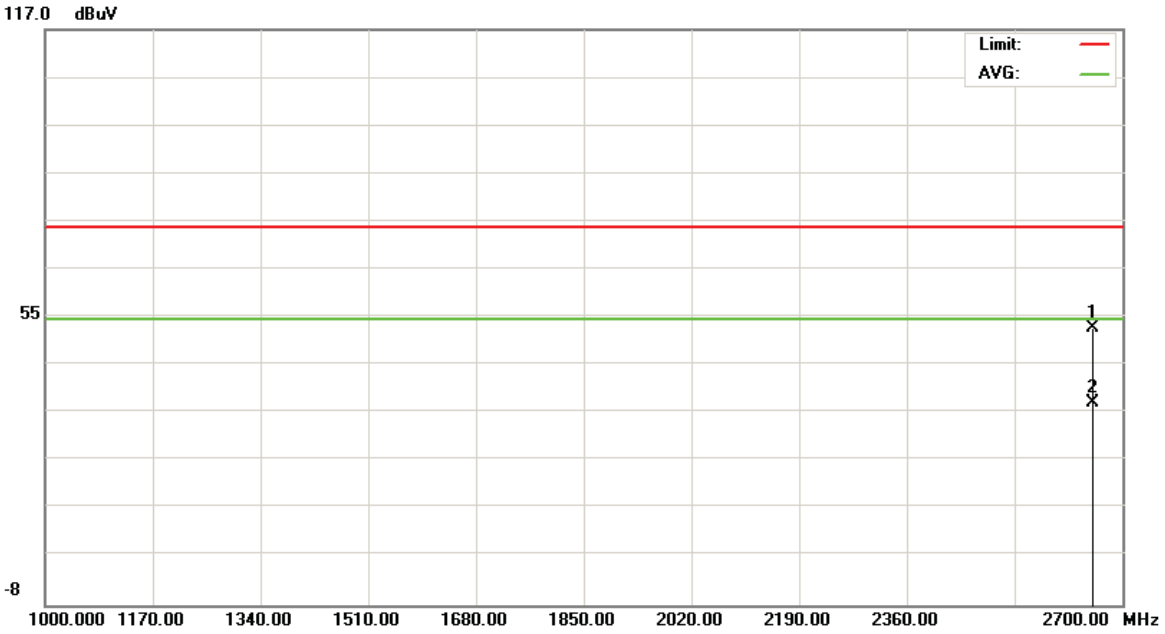
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	34.93	-9.82	25.11	46.00	-20.89	peak			
2		479.2000	31.81	-7.60	24.21	46.00	-21.79	peak			
3		599.6000	30.05	-4.91	25.14	46.00	-20.86	peak			
4		720.0000	29.40	-3.55	25.85	46.00	-20.15	peak			
5	*	840.4000	32.67	-1.41	31.26	46.00	-14.74	peak			
6		960.8000	28.06	0.48	28.54	54.00	-25.46	peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#1 Date: 2008/11/20 Time: 下午 08:58:10

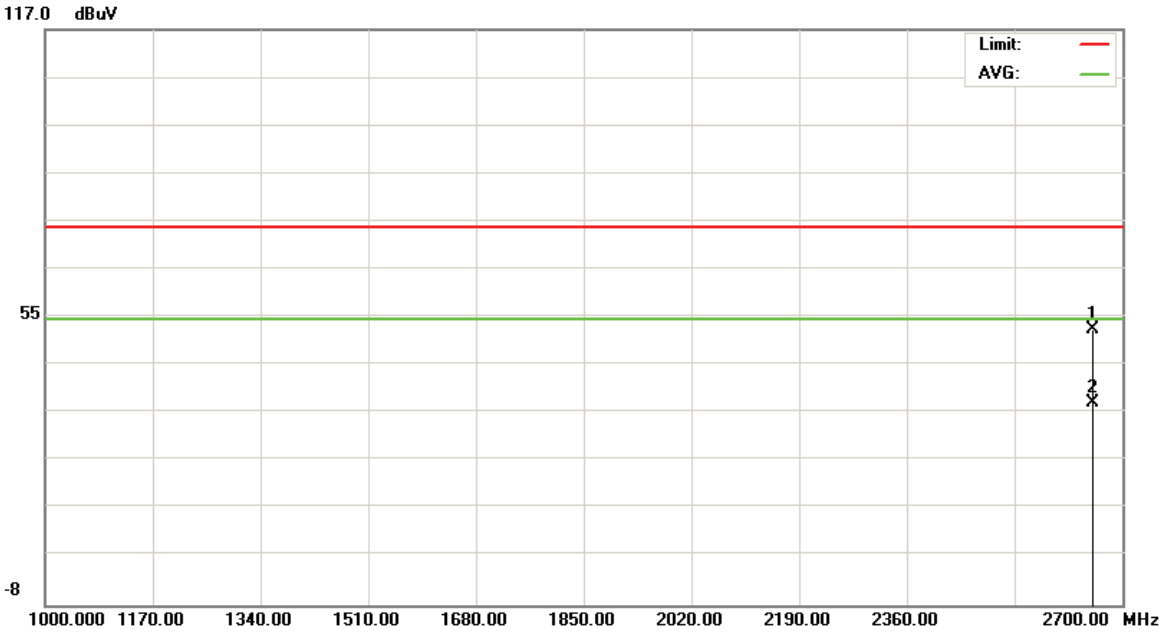


Site	Polarization: *Vertical*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 3m		
M/N: 08-0270-E			
Mode: WIFI(11g)			
Note: CH11(2462MHz)Antenna 100cm			
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2652.400	51.22	0.95	52.17	74.00	-21.83	peak			
2	*	2652.400	34.82	0.95	35.77	54.00	-18.23	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#3 Date: 2008/11/20 Time: 下午 10:00:07



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

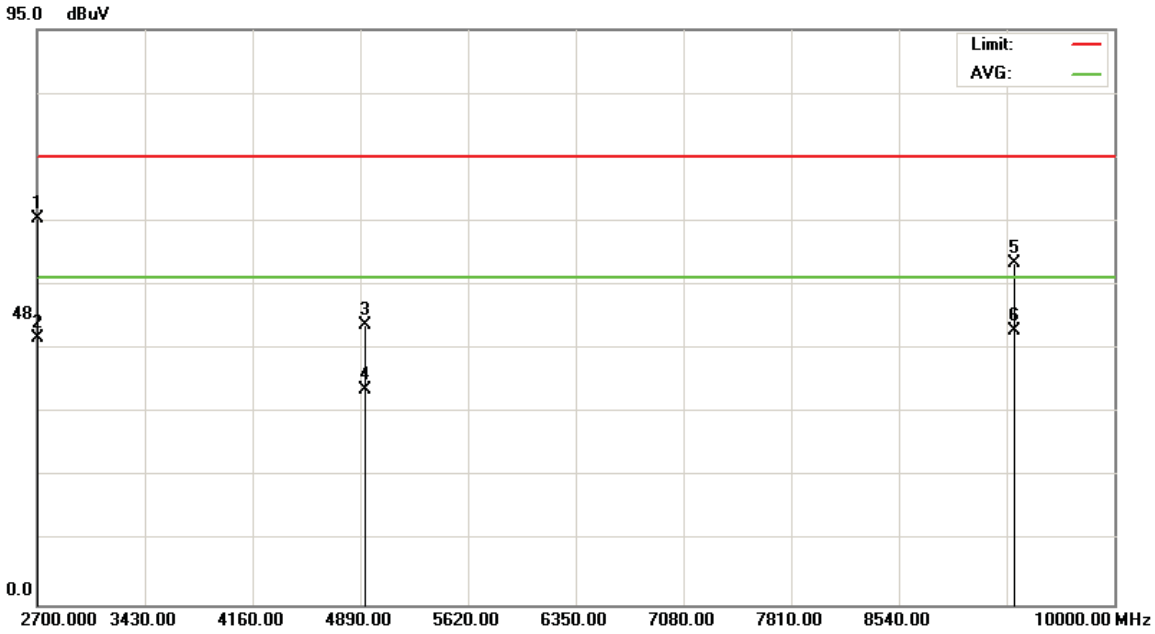
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2652.400	51.00	0.95	51.95	74.00	-22.05	peak			
2	*	2652.400	34.83	0.95	35.78	54.00	-18.22	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#5 Date: 2008/11/12 Time: 下午 07:25:00



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

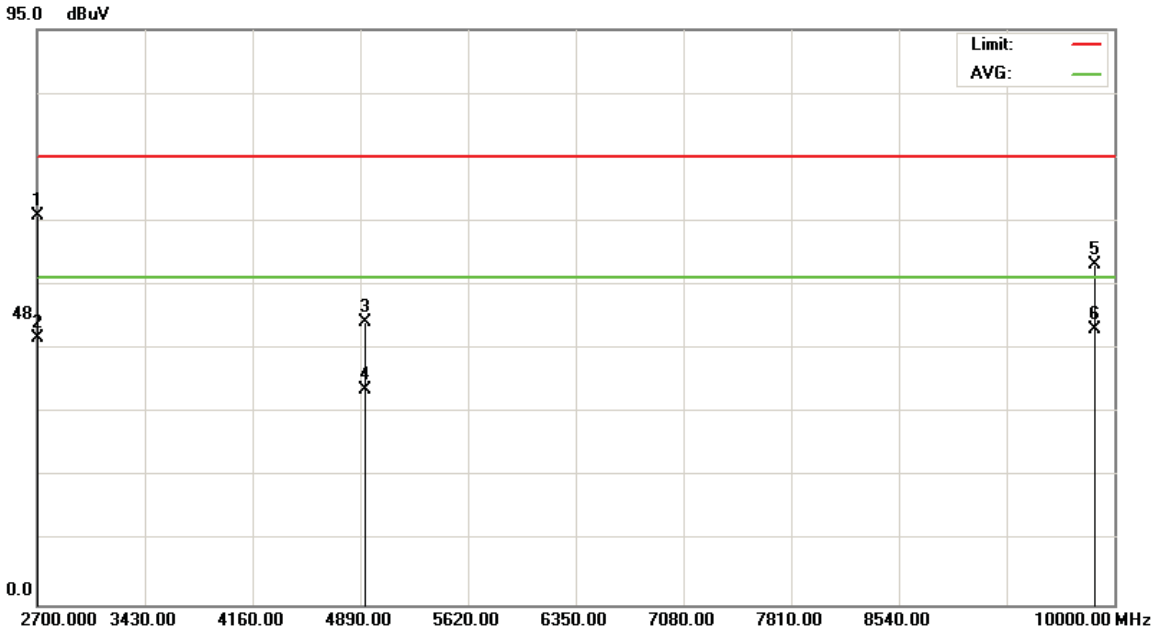
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.28	22.58	63.86	74.00	-10.14	peak			
2		2700.000	21.47	22.58	44.05	54.00	-9.95	AVG			
3		4924.000	38.43	7.65	46.08	74.00	-27.92	peak			
4		4924.000	27.84	7.65	35.49	54.00	-18.51	AVG			
5		9324.750	39.50	16.91	56.41	74.00	-17.59	peak			
6	*	9324.750	28.24	16.91	45.15	54.00	-8.85	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#7 Date: 2008/11/12 Time: 下午 07:31:42



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)Antenna 100cm
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

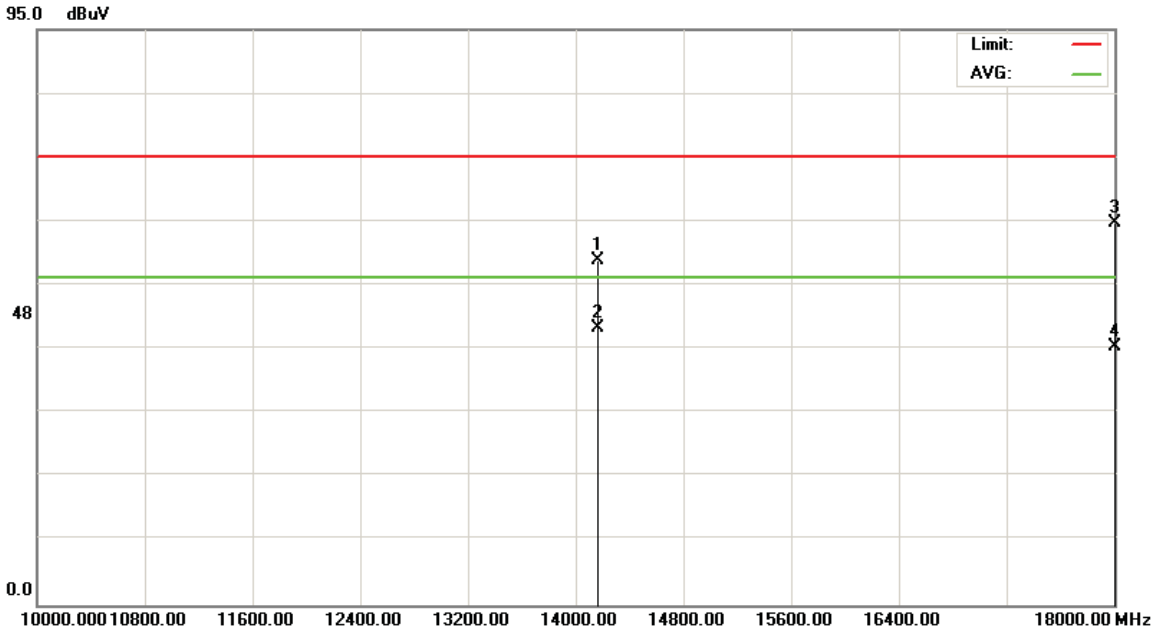
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2700.000	41.55	22.58	64.13	74.00	-9.87	peak			
2		2700.000	21.48	22.58	44.06	54.00	-9.94	AVG			
3		4924.000	39.05	7.65	46.70	74.00	-27.30	peak			
4		4924.000	27.84	7.65	35.49	54.00	-18.51	AVG			
5		9872.250	38.43	17.84	56.27	74.00	-17.73	peak			
6	*	9872.250	27.56	17.84	45.40	54.00	-8.60	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#9 Date: 2008/11/20 Time: 下午 10:22:07

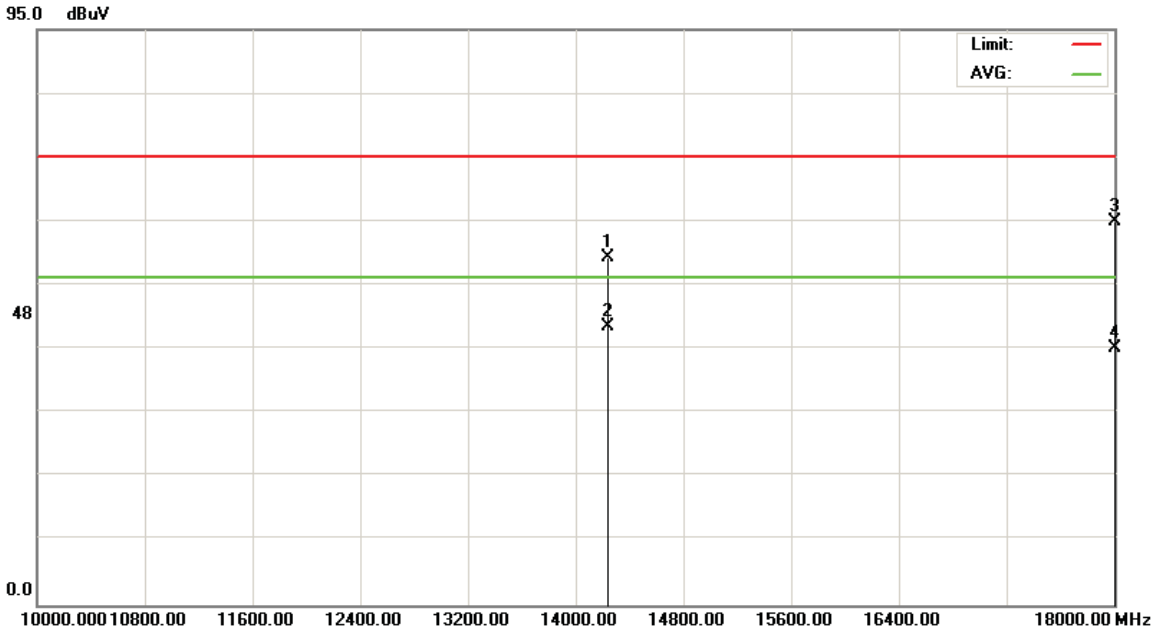


Site	Polarization: *Vertical*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH11(2462MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14160.00	38.07	18.83	56.90	74.00	-17.10	peak			
2	*	14160.00	27.00	18.83	45.83	54.00	-8.17	AVG			
3		18000.00	37.39	25.57	62.96	74.00	-11.04	peak			
4		18000.00	17.10	25.57	42.67	54.00	-11.33	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#11 Date: 2008/11/21 Time: 上午 02:24:23

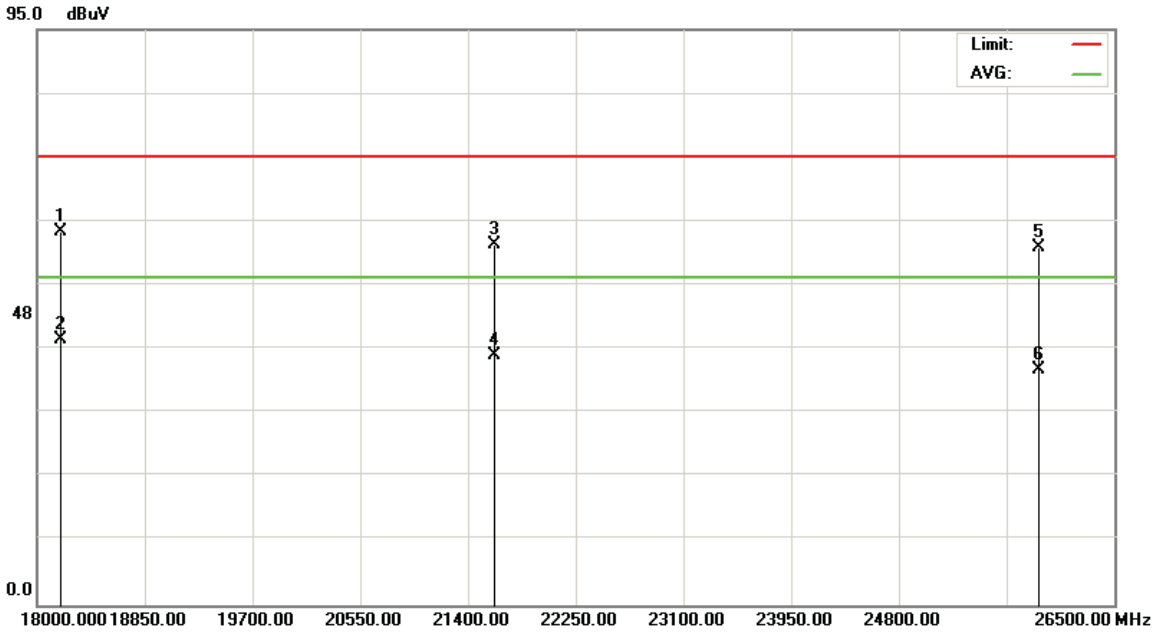


Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 1m	
M/N: 08-0270-E		
Mode: WIFI(11g)		
Note: CH11(2462MHz)Antenna 100cm		
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		14240.00	38.67	18.71	57.38	74.00	-16.62	peak			
2	*	14240.00	27.26	18.71	45.97	54.00	-8.03	AVG			
3		18000.00	37.79	25.57	63.36	74.00	-10.64	peak			
4		18000.00	16.90	25.57	42.47	54.00	-11.53	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#13 Date: 2008/11/21 Time: 上午 02:45:49



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

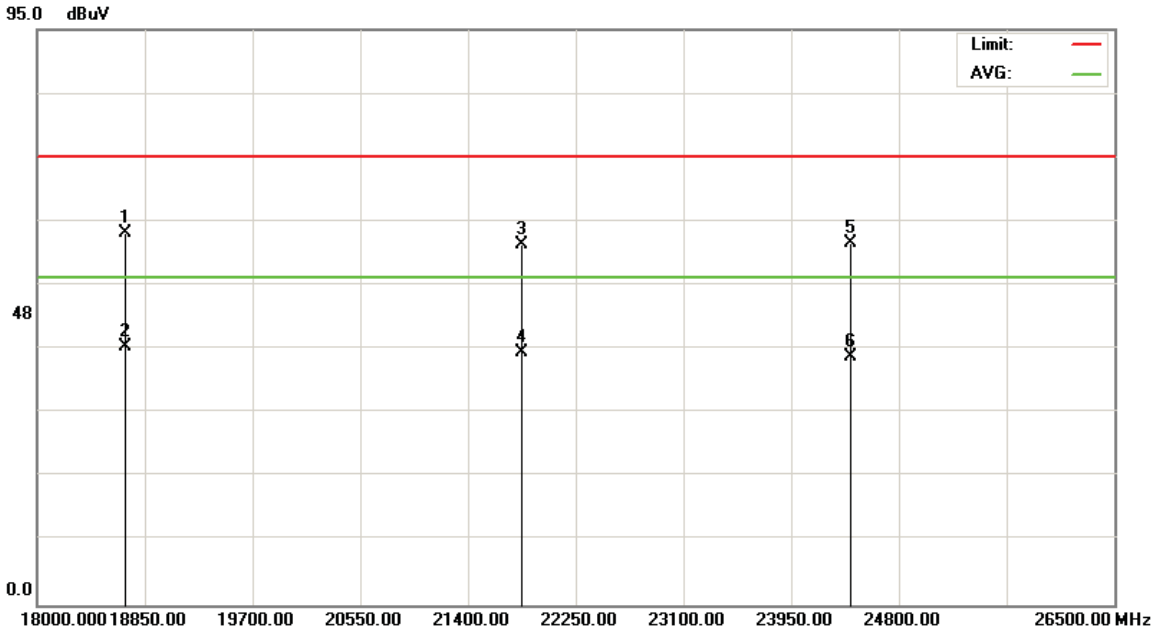
Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18191.25	38.50	23.22	61.72	74.00	-12.28	peak			
2	*	18191.25	20.70	23.22	43.92	54.00	-10.08	AVG			
3		21612.50	38.16	21.28	59.44	74.00	-14.56	peak			
4		21612.50	19.97	21.28	41.25	54.00	-12.75	AVG			
5		25905.00	40.39	18.63	59.02	74.00	-14.98	peak			
6		25905.00	20.17	18.63	38.80	54.00	-15.20	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(2462MHZ) Data :#15 Date: 2008/11/21 Time: 上午 03:22:12



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: WIFI(11g)
Note: CH11(2462MHz)Antenna 100cm
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		18701.25	38.31	23.11	61.42	74.00	-12.58	peak			
2	*	18701.25	19.64	23.11	42.75	54.00	-11.25	AVG			
3		21825.00	38.40	21.20	59.60	74.00	-14.40	peak			
4		21825.00	20.38	21.20	41.58	54.00	-12.42	AVG			
5		24417.50	40.13	19.71	59.84	74.00	-14.16	peak			
6		24417.50	21.16	19.71	40.87	54.00	-13.13	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

4. Maximum Conducted Output Power Requirements

4.1 Test Condition & Setup:

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

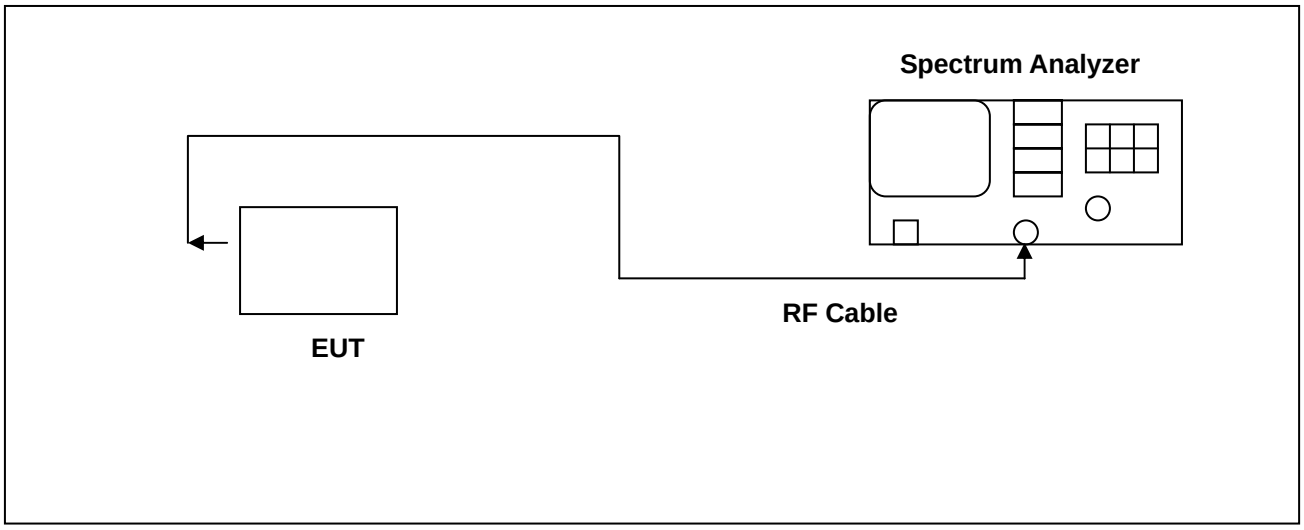
The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to spectrum analyzer. The maximum peak output power shall not exceed 1 watt.

Use a direct connection between the antenna port of transmitter and the spectrum Analyzer, for prevent the spectrum analyzer input attenuation 40-50 dB. Set the RBW Bandwidth of the emission or use a channel power meter mode.

For antennas with gains of 6 dBi or less, maximum allowed transmitter output is 1 watt (+30 dBm). For antennas with gains greater than 6 dBi, transmitter output level must be decreased by an amount equal to (GAIN - 6)/3 dBm.

The antenna port of the EUT was connected to the input of a power meter. Power was read directly and cable loss correction was added to the reading to obtain power at the EUT antenna terminals.

4.2 Test Instruments Configuration:



4.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	Nov. 29, 2007	Nov.29, 2008

4.4 Test Result:

802.11b

Frequency (MHz)	Output (dBm)	Required Limit
2412	-3.11	<30dBm
2437	-3.07	<30dBm
2462	-3.04	<30dBm

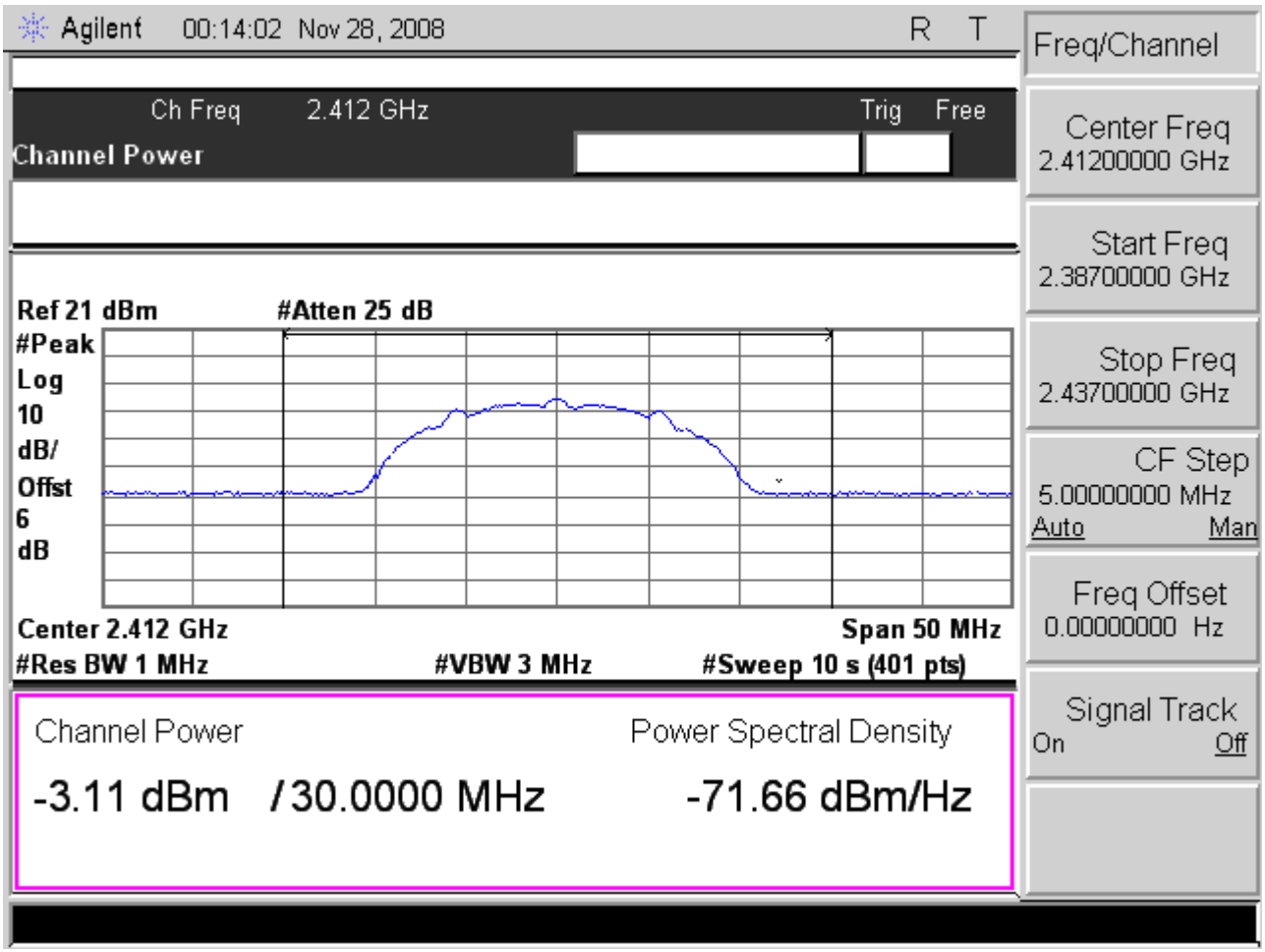
802.11g

Frequency (MHz)	Output (dBm)	Required Limit
2412	1.64	<30dBm
2437	1.34	<30dBm
2462	1.63	<30dBm

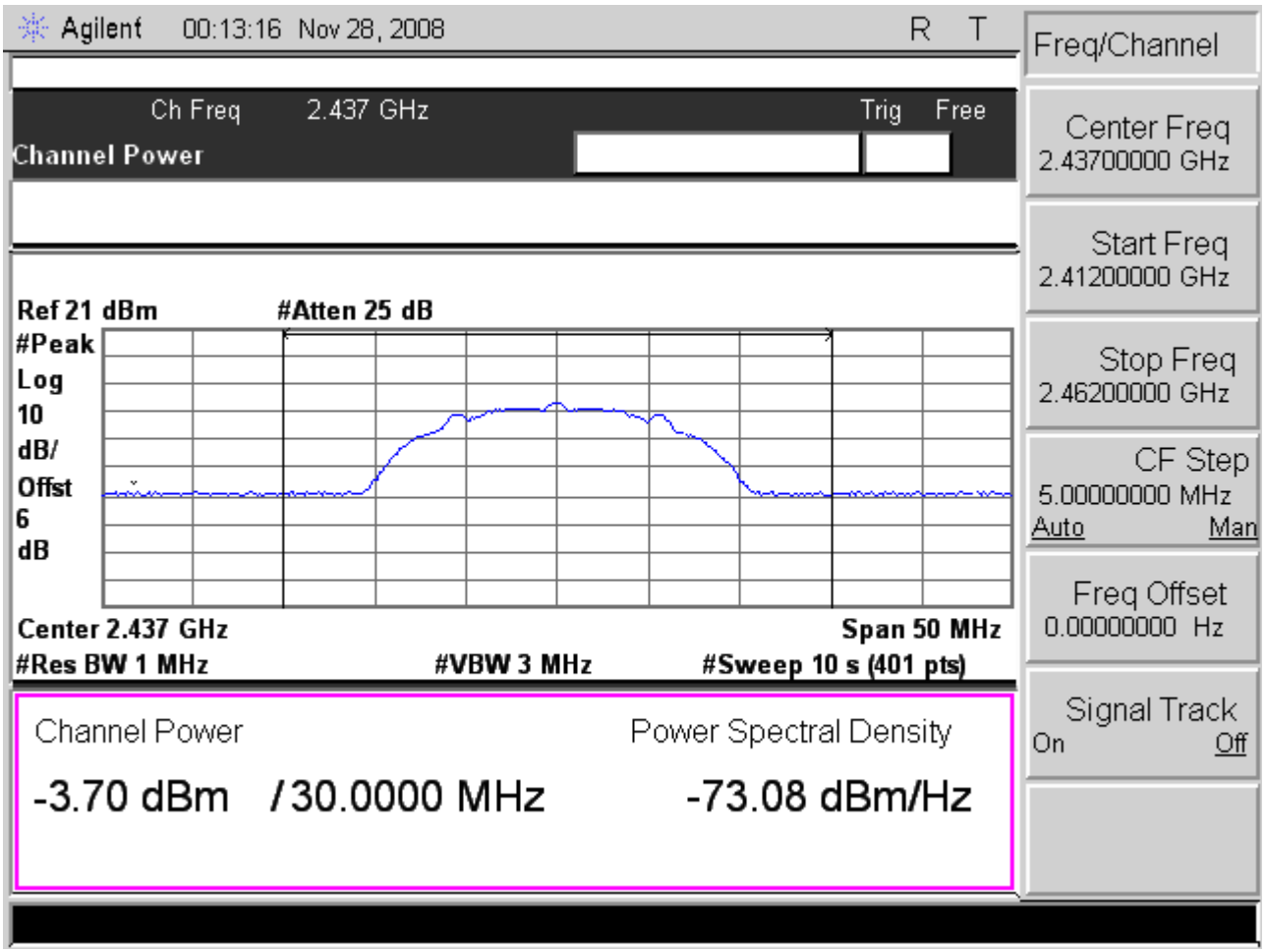
Note: Test Graphs See next page.

4.5 Test Graphs

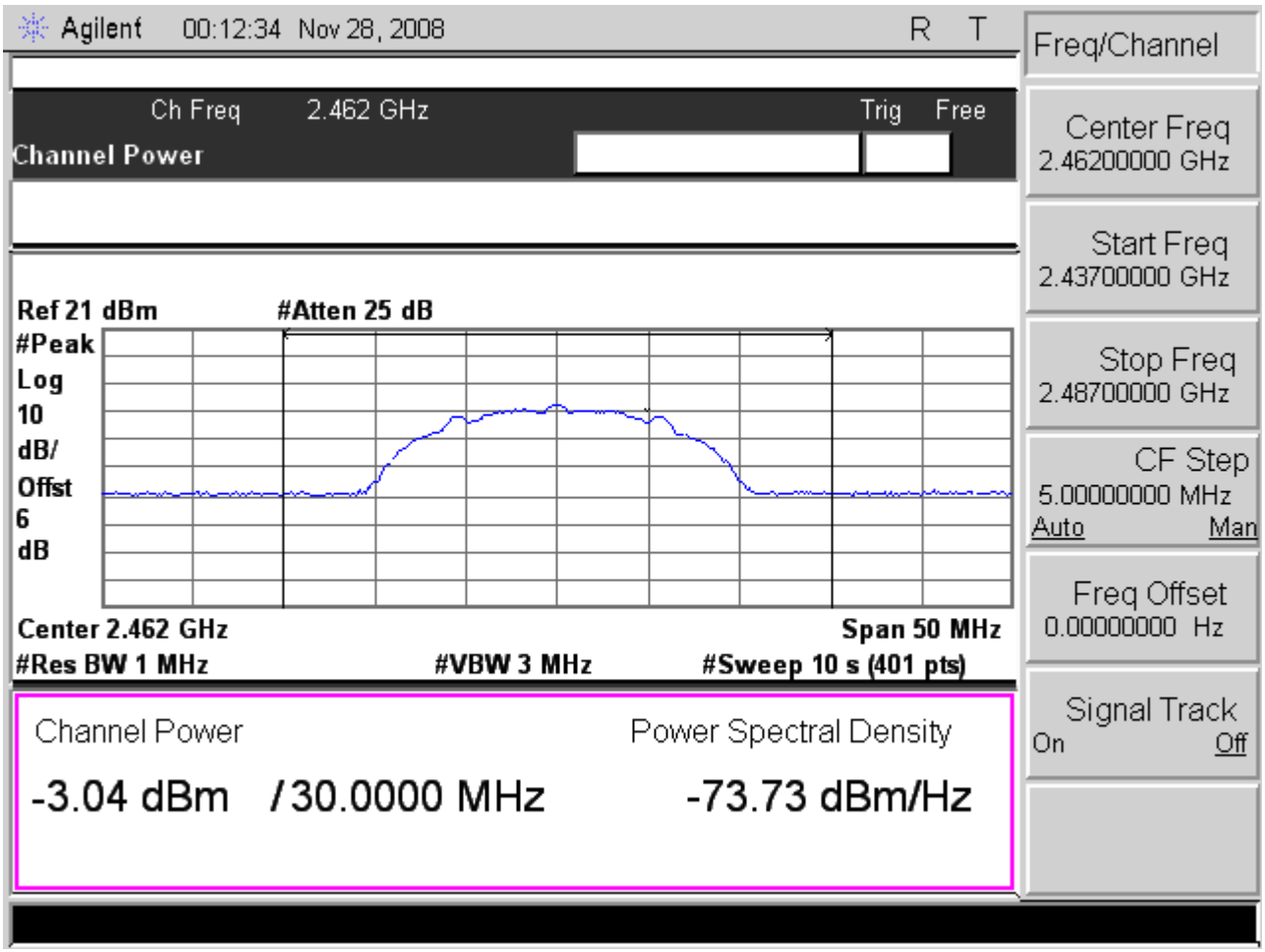
802.11b CH1 (2412MHz)



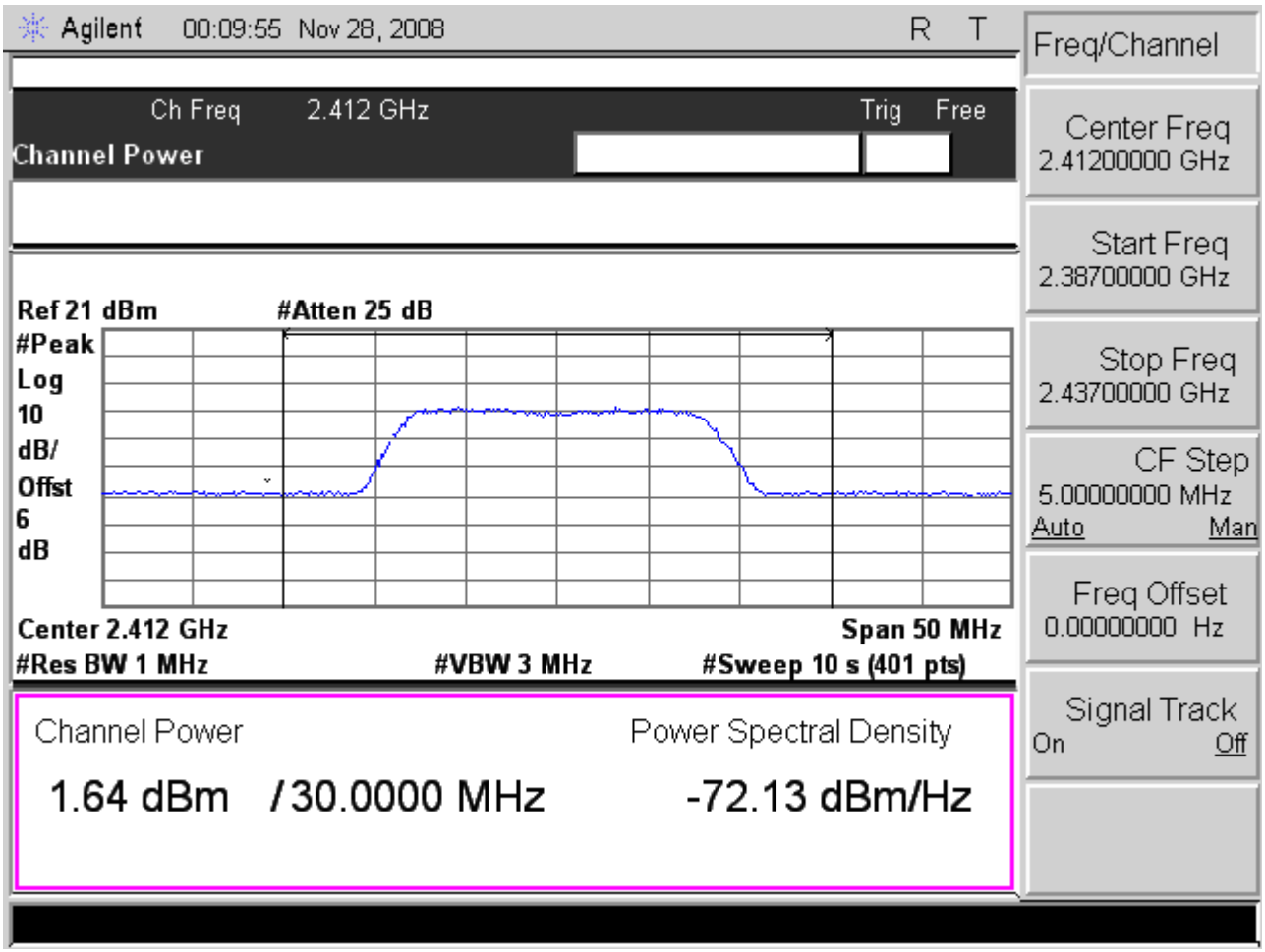
802.11b CH6 (2437MHz)



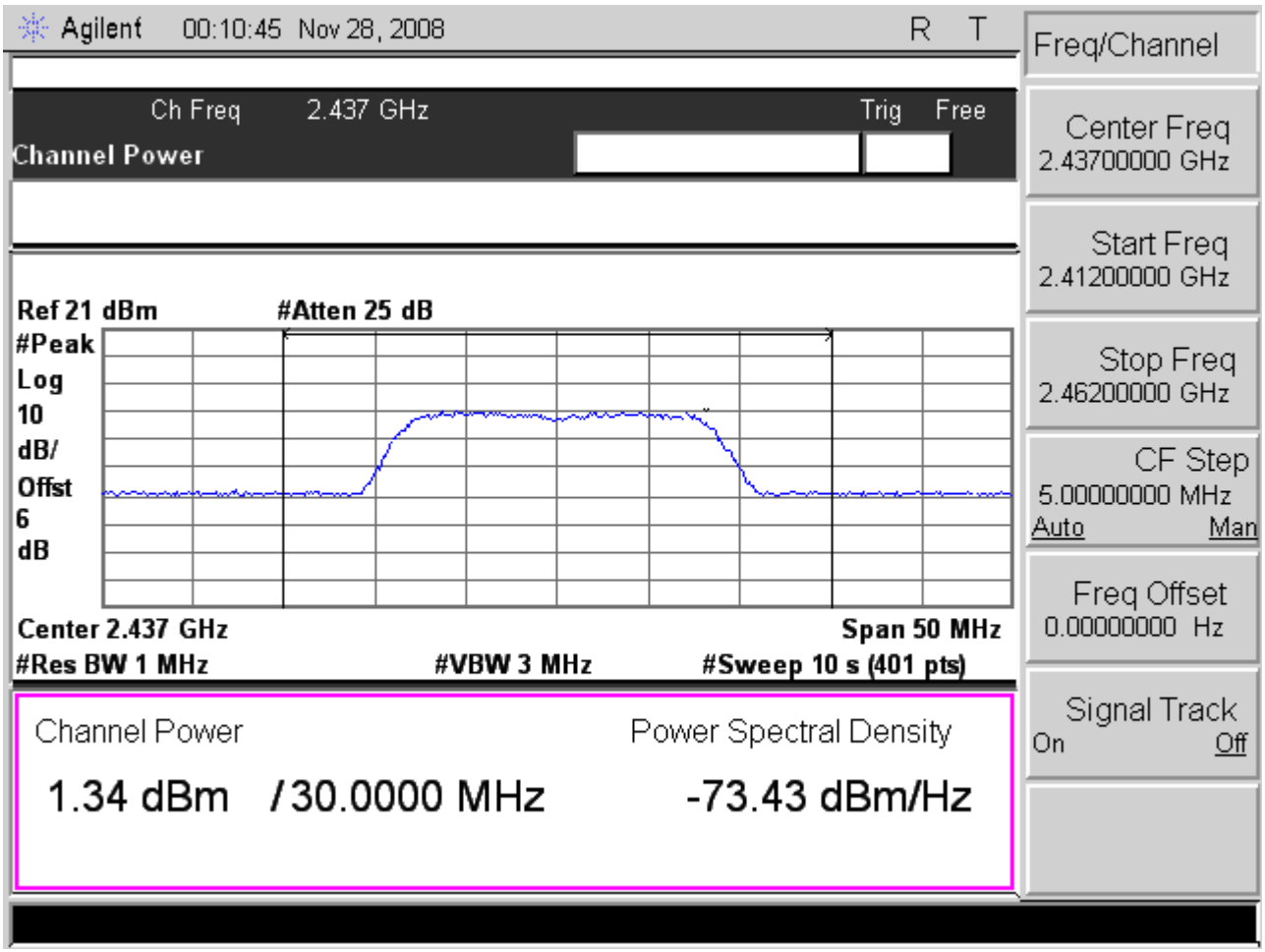
802.11b CH11 (2462MHz)



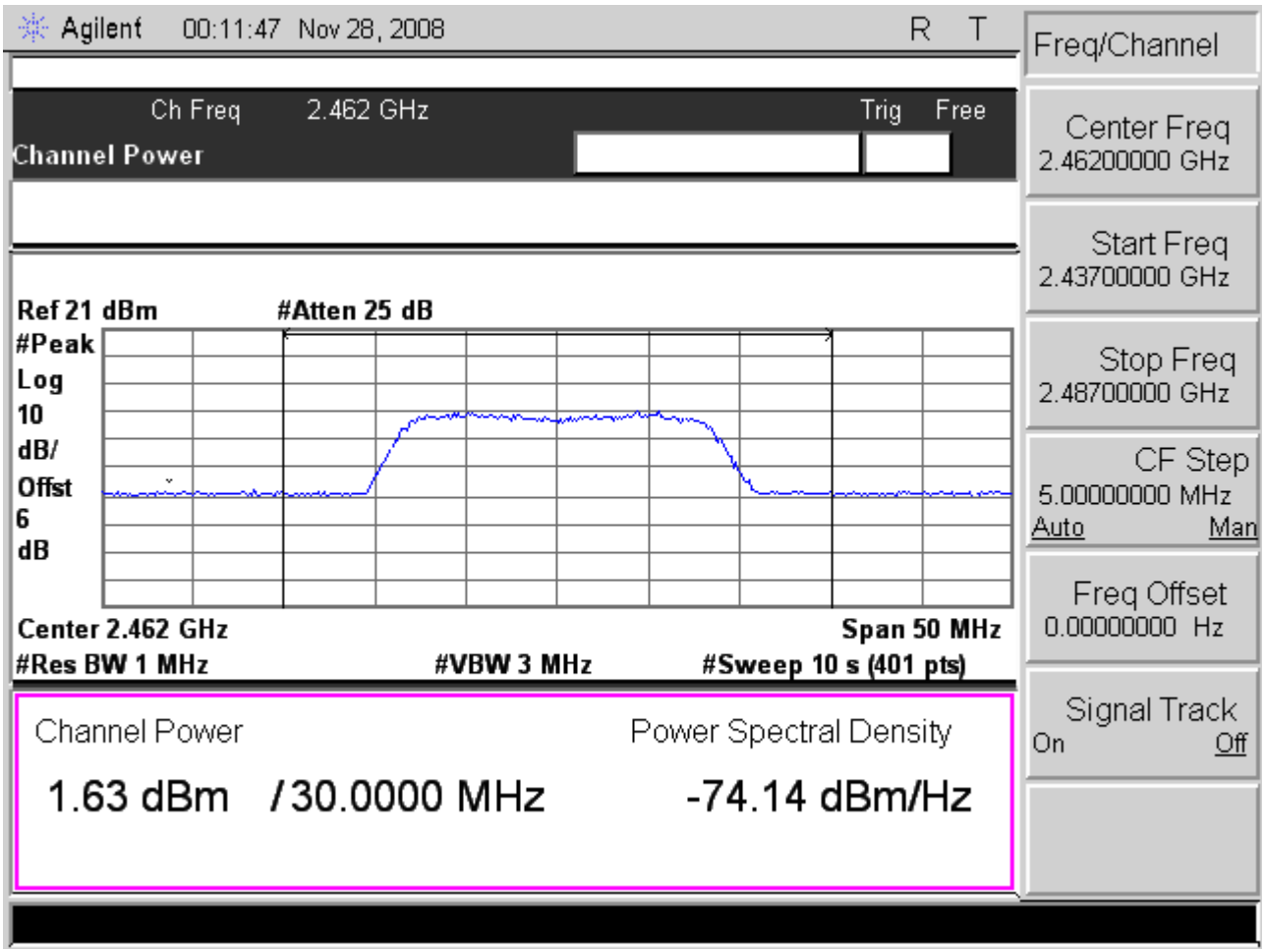
802.11g CH1 (2412MHz)



802.11g CH6 (2437MHz)



802.11g CH11 (2462MHz)



5. Minimum 6dB RF Bandwidth Requirements

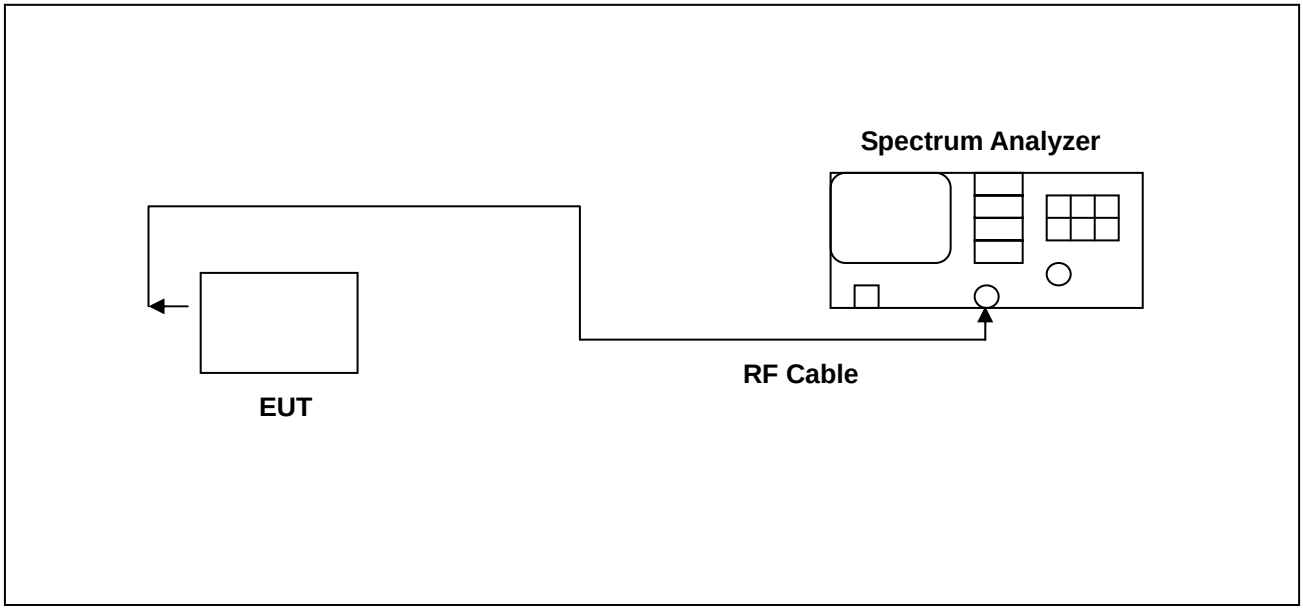
5.1 Test Condition & Setup:

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK output reading was taken, a DISPLAY line was drawn 6 dB lower than PEAK level. The 6 dB bandwidth was determined from where the channel output spectrum intersected the display line.

The test was performed at 3 channels (Channel 1, 6, 11)

5.2 Test Instruments Configuration:



5.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	Nov. 29, 2007	Nov. 29, 2008

5.4 Test Result:

802.11b

Frequency (MHz)	Min. 6dB Bandwidth (MHz)	Required Limit
2412	13.375	> 500 KHz
2437	12.500	> 500 KHz
2462	14.250	> 500 KHz

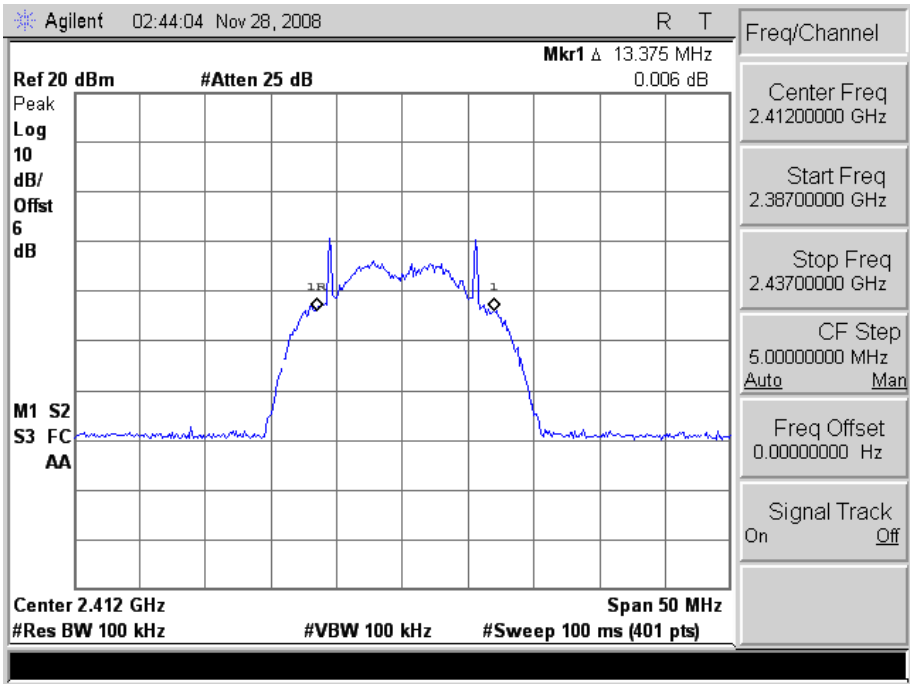
802.11g

Frequency (MHz)	Min. 6dB Bandwidth (MHz)	Required Limit
2412	16.500	> 500 KHz
2437	16.500	> 500 KHz
2462	16.500	> 500 KHz

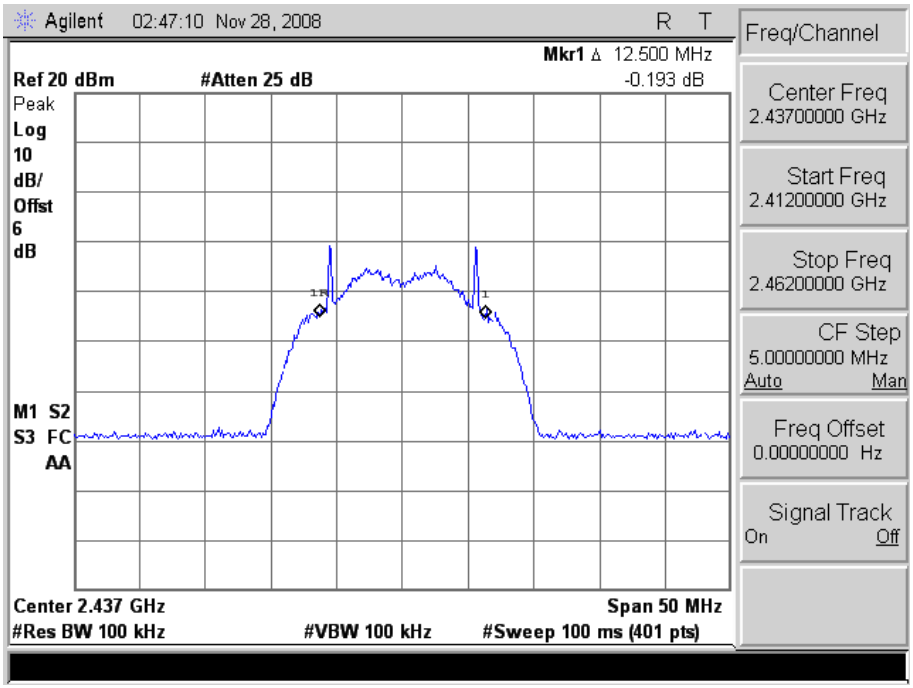
Note: Test Graphs See next page.

5.5 Test Graphs

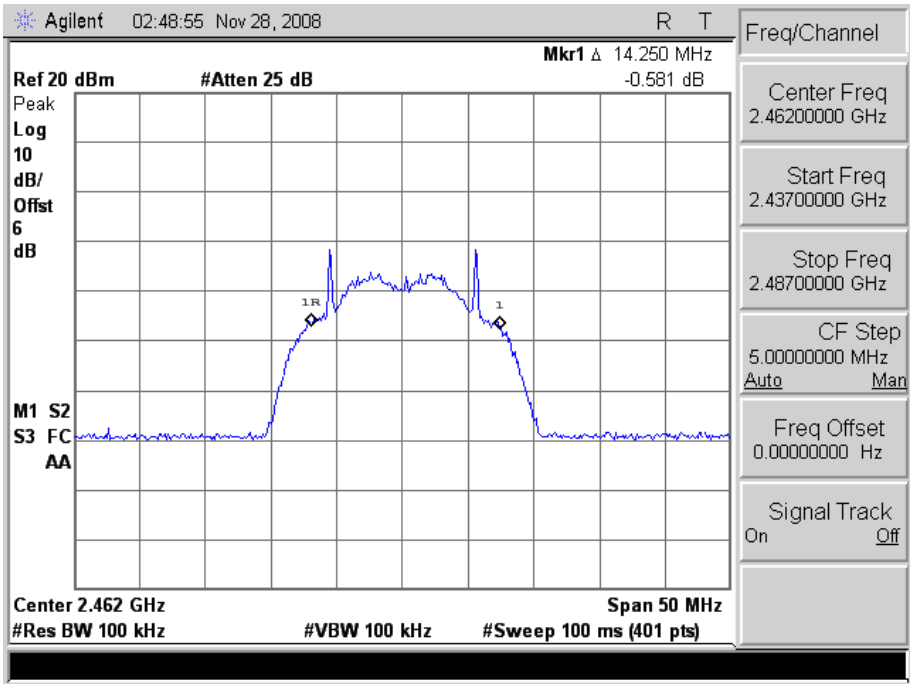
802.11b (2412MHz)



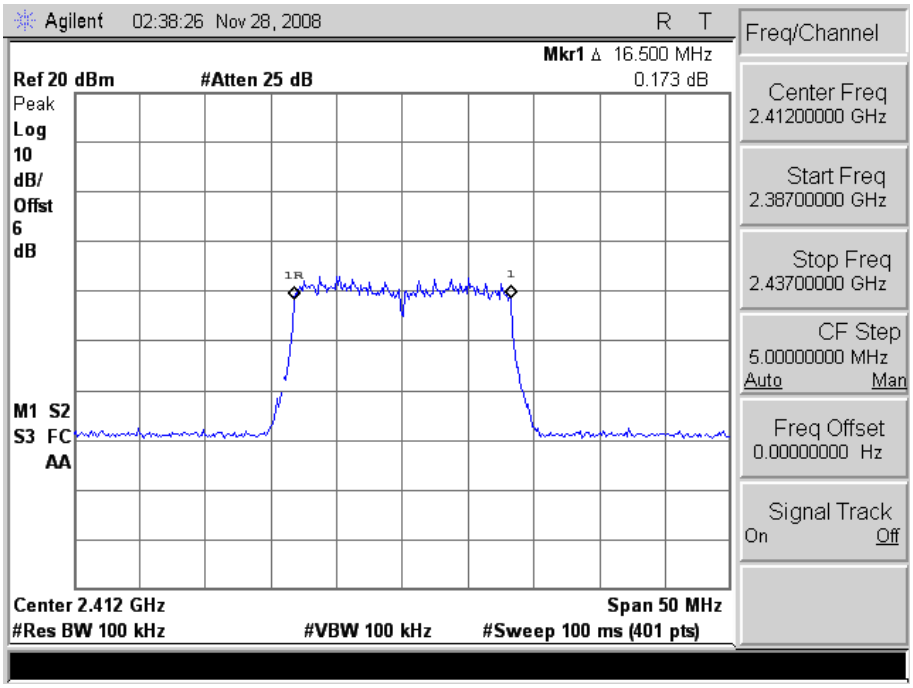
802.11b (2437MHz)



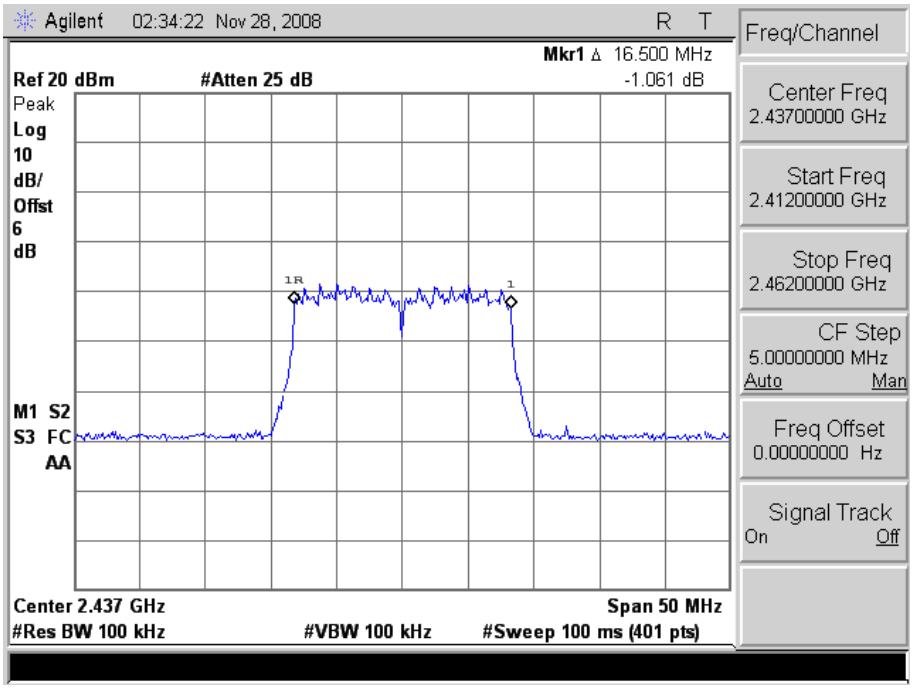
802.11b (2462MHz)



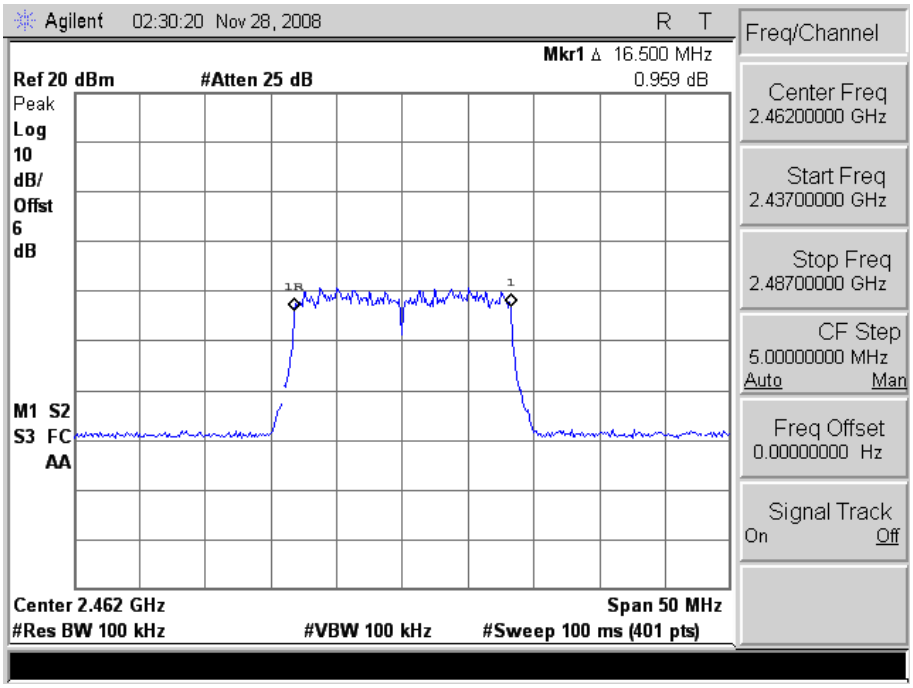
802.11g (2412MHz)



802.11g (2437MHz)



802.11g (2462MHz)



6. Maximum Power Density Requirements

6.1 Test Condition & Setup:

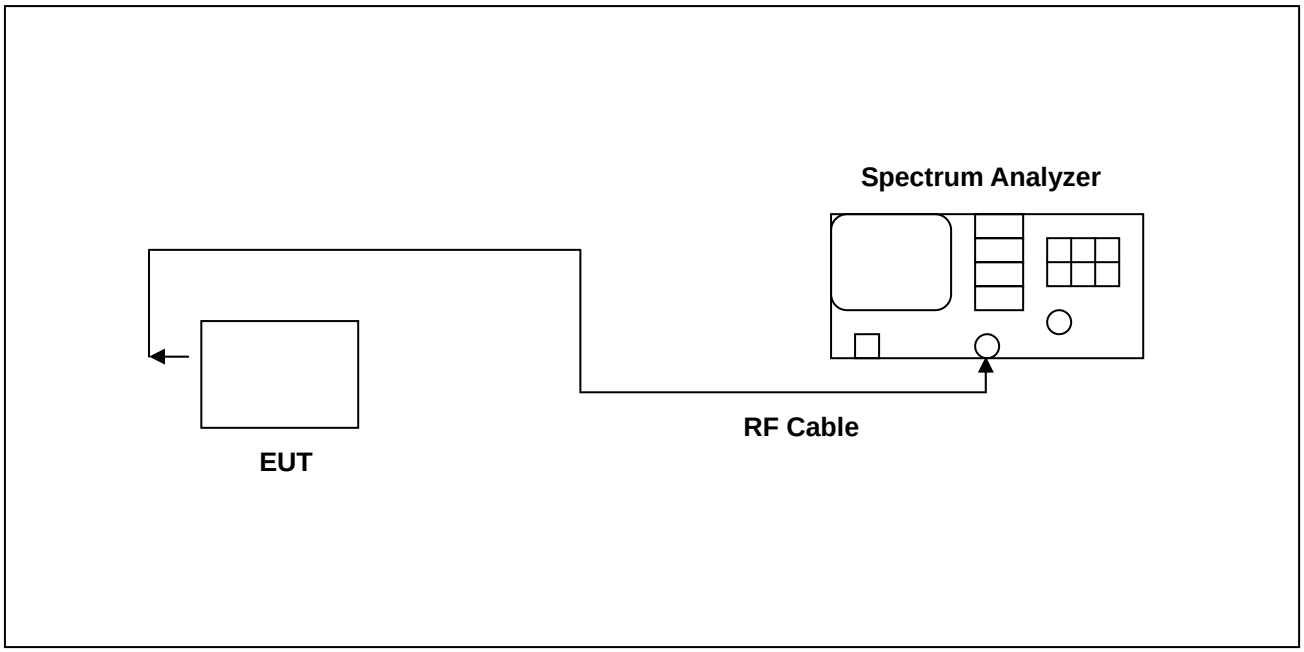
The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The spectrum analyzer RES BW was set to 3 kHz. The START and STOP frequencies were set to the band edges of the maximum output pass band. If there is no clear maximum amplitude in any given portion of the band, it may be necessary to make measurements at a number of bands defined by several START and STOP frequency pairs. The specification calls for a 1 second interval at each 3 kHz bandwidth; total SWEEP TIME is calculated as follows:

SWEEP TIME (SEC) = (Fstop, kHz - Fstart, kHz)/3 kHz

Antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

6.2 Test Instruments Configuration:



6.3 *Test Equipment List:*

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	Nov. 29, 2007	Nov. 29, 2008

6.4 *Test Result:*

802.11b

Frequency (MHz)	Power Density (dBm)	Required Limit
2412	-30.36	<8dBm
2437	-31.60	<8dBm
2462	-32.85	<8dBm

802.11g

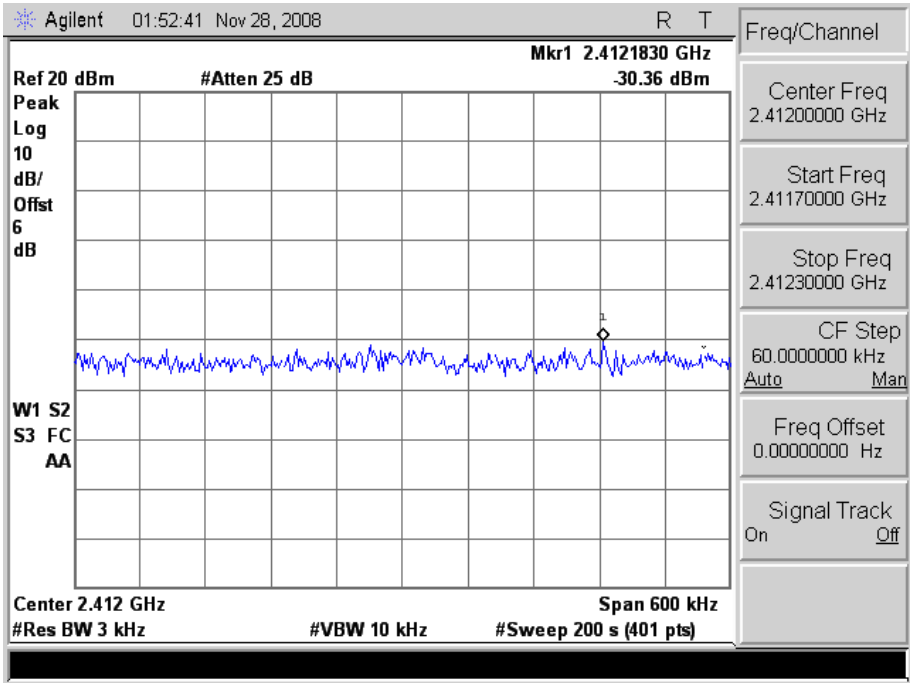
Frequency (MHz)	Power Density (dBm)	Required Limit
2412	-16.03	<8dBm
2437	-17.24	<8dBm
2462	-16.59	<8dBm

Note:

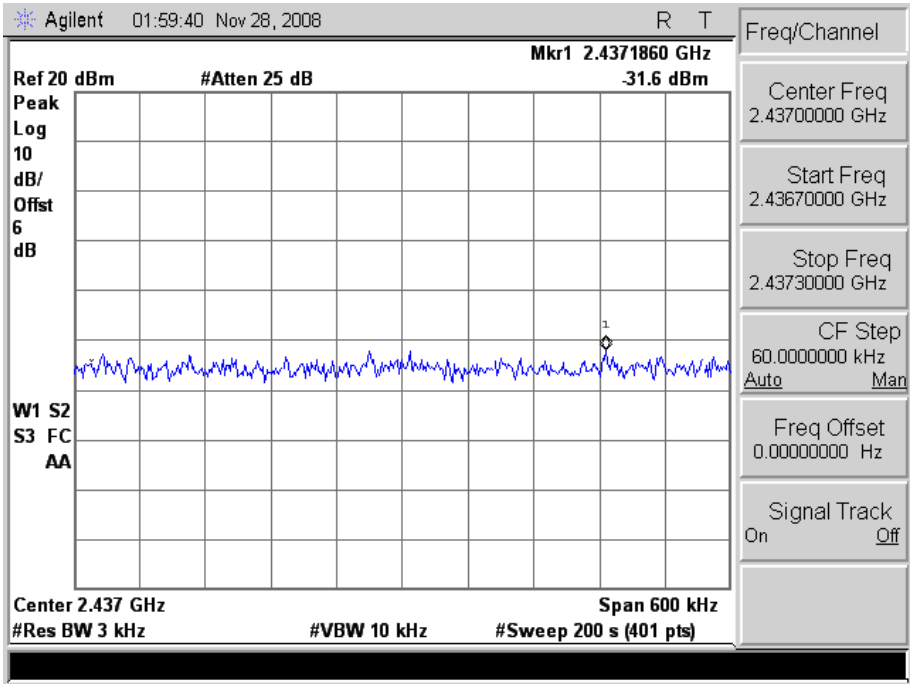
1. Frequency Span= 600 kHz
2. Sweep Time = Frequency Span/3 kHz=200secs
3. Test Graphs See next page.

6.5 ***Test Graphs***

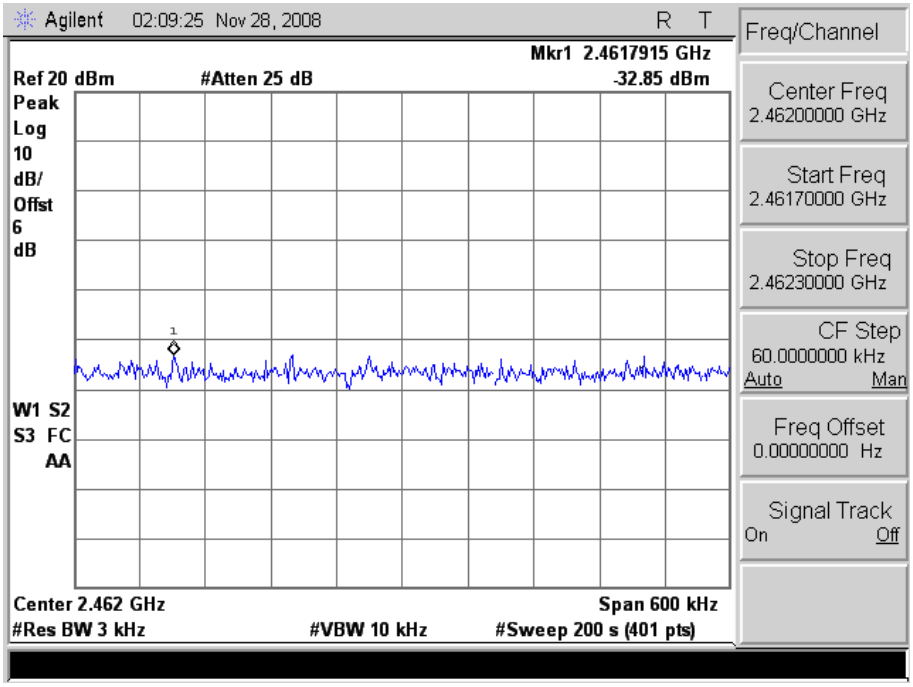
802.11b (2412MHz)



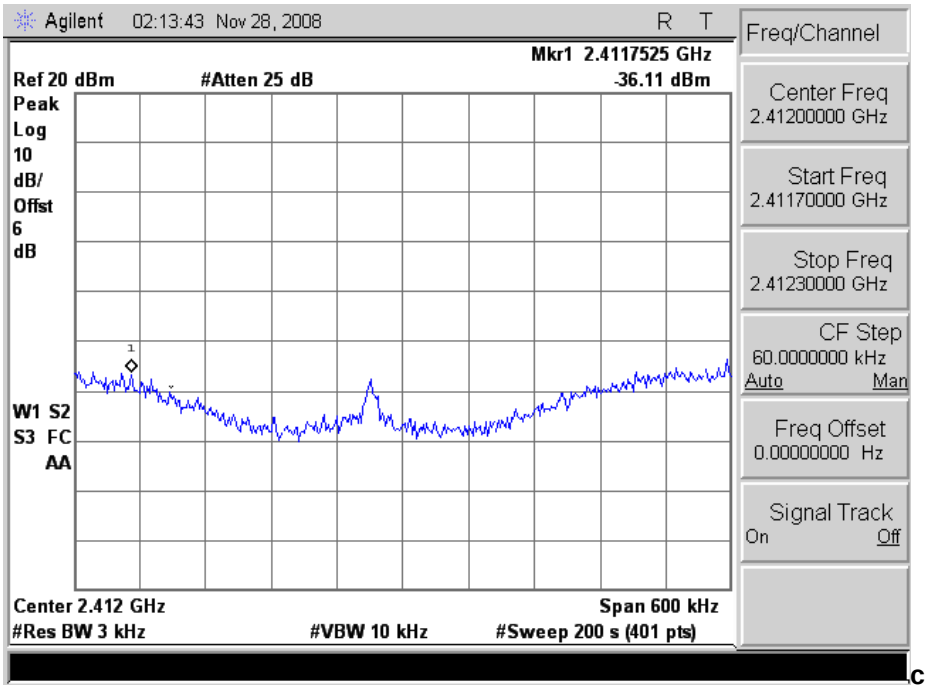
802.11b (2437MHz)



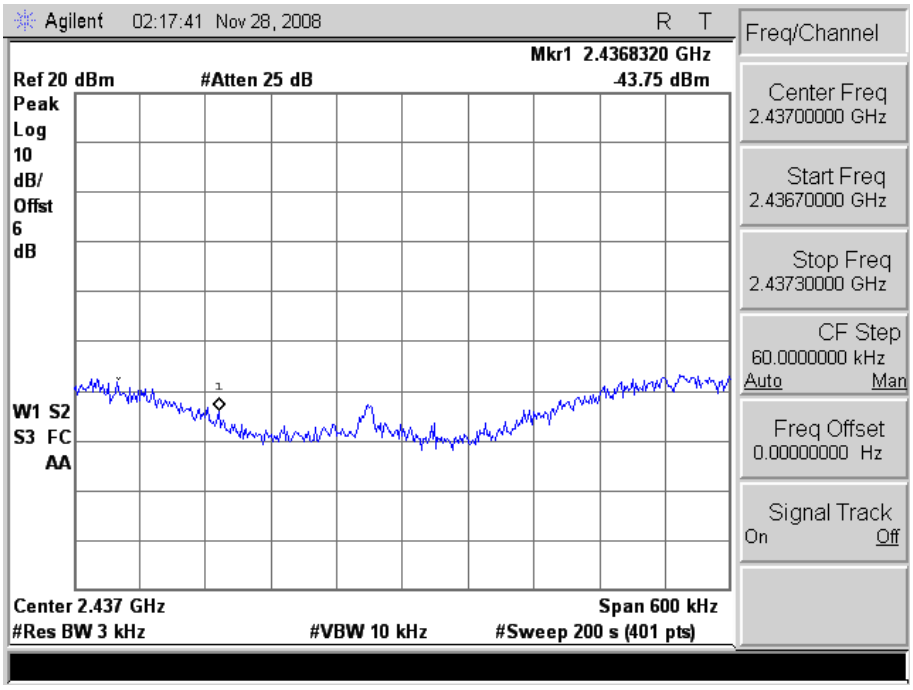
802.11b (2462MHz)



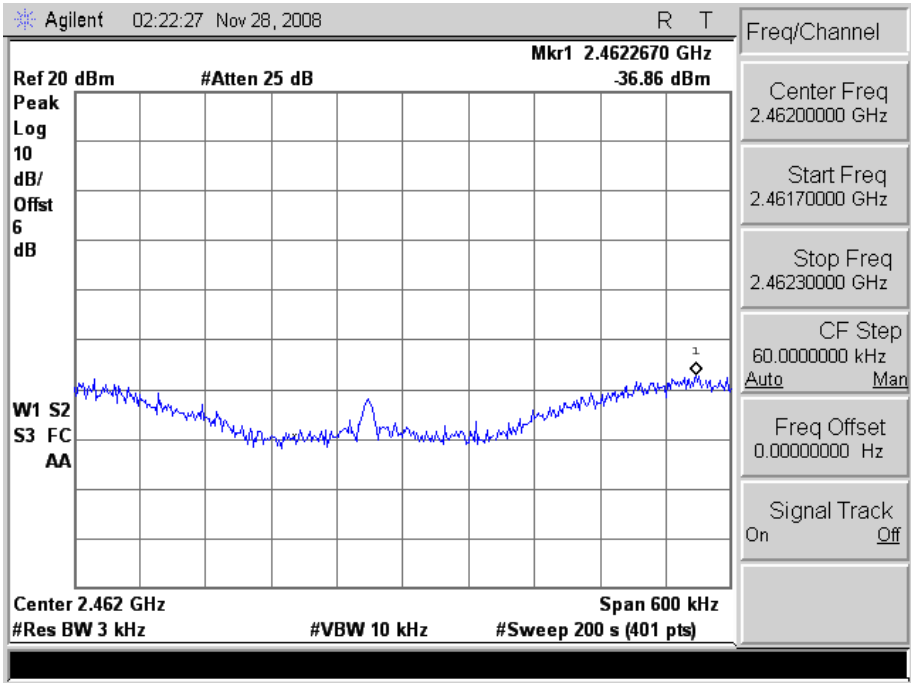
802.11g (2412MHz)



802.11g (2437MHz)



802.11g (2462MHz)



7. Out of Band Conducted Emissions Requirements

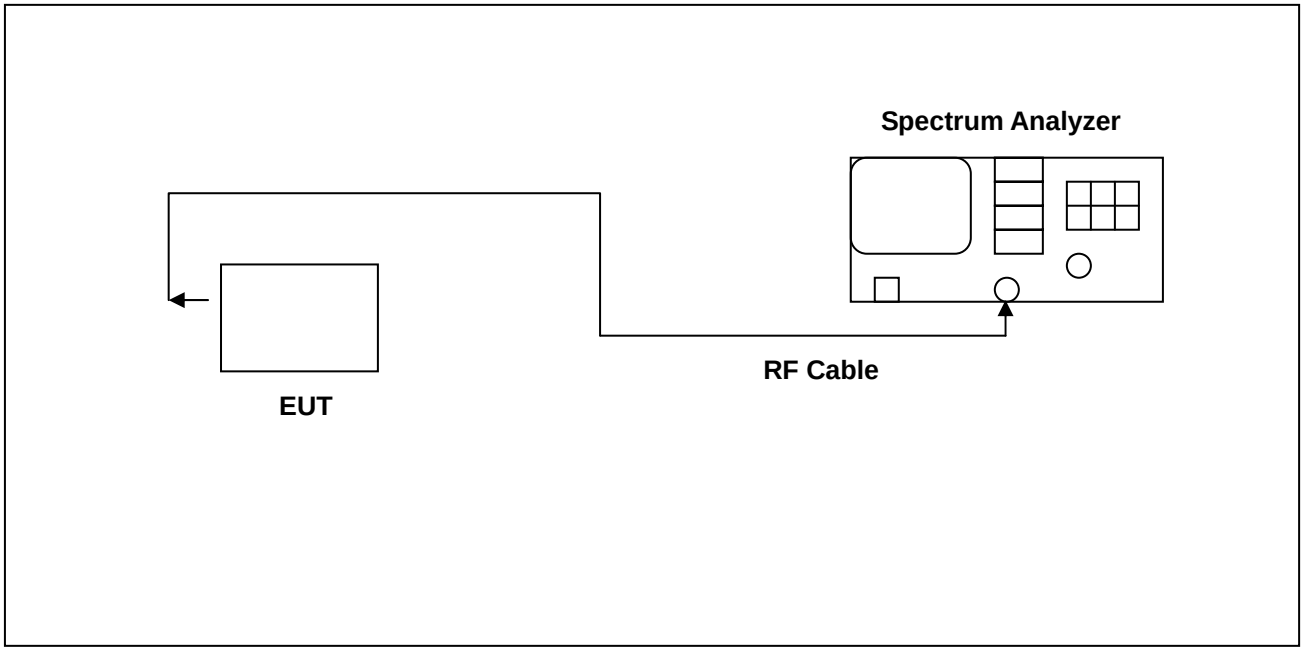
7.1 Test Condition & Setup:

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

In any 100 kHz bandwidth outside the EUT pass band, the RF power produced by the modulation products of the spreading sequence, the information sequence, and the carrier frequency shall be at least 20 dB below that of the maximum in-band 100 kHz emission, antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

All other types of emissions from the EUT shall meet the general limits for radiated frequencies outside the pass band. The test was performed at 3 channels (Channel 1, 6, 11)

7.2 Test Instruments Configuration:



7.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	Nov.29, 2007	Nov.29, 2008

7.4 Test Result:

Refer to attached data sheets. Data shows out of band emissions are suppressed well below the -20 dBc minimum required by the Rules.

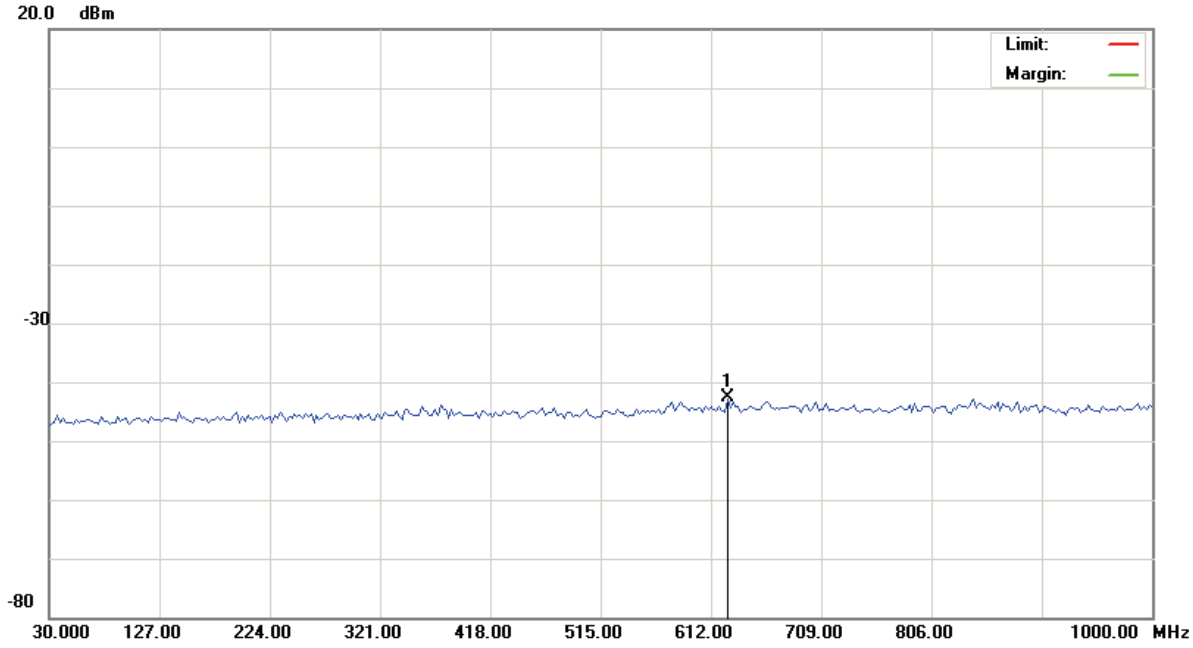
Note: Test Graphs See next page.

7.5 Test Graphs

7.5.1 802.11b Test Graphs

Please refer to next pager of detail testing data.

File :Arctic(11b)20dB Data :#1 Date: 2007/12/02 Time: 下午 06:37:26



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH01

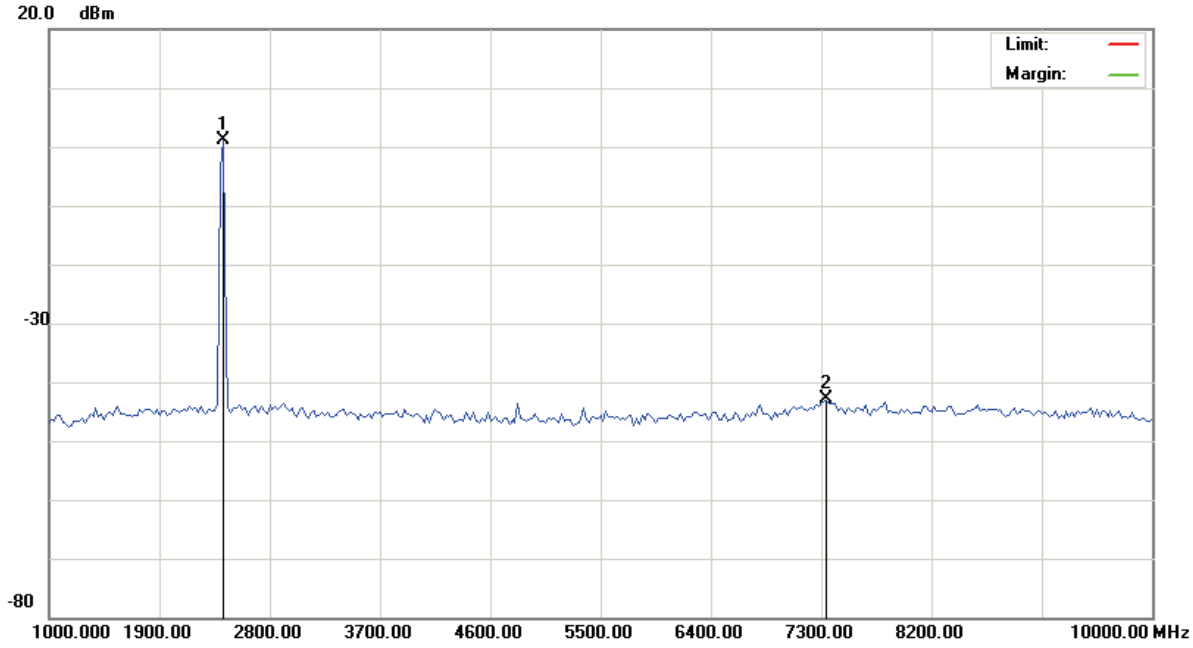
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	626.5500	-43.31	0.80	-42.51			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#2 Date: 2007/12/02 Time: 下午 06:38:47



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH01

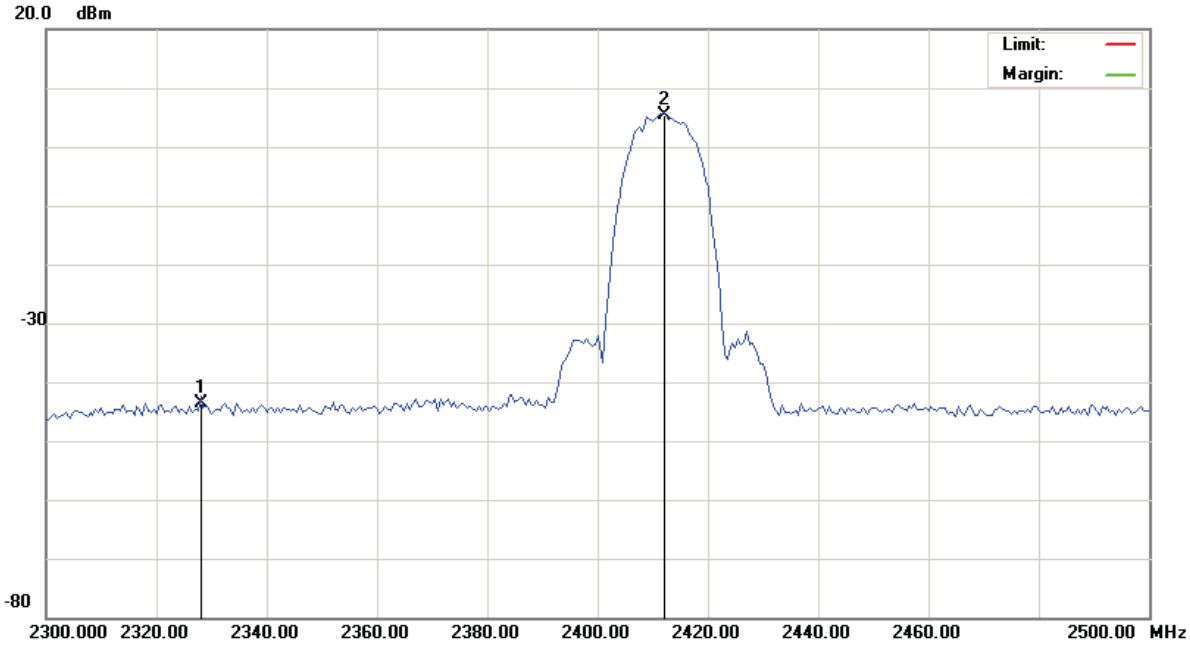
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2417.500	0.21	0.82	1.03			peak			
2		7345.000	-43.83	0.86	-42.97			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#3 Date: 2007/12/02 Time: 下午 06:39:23



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH01

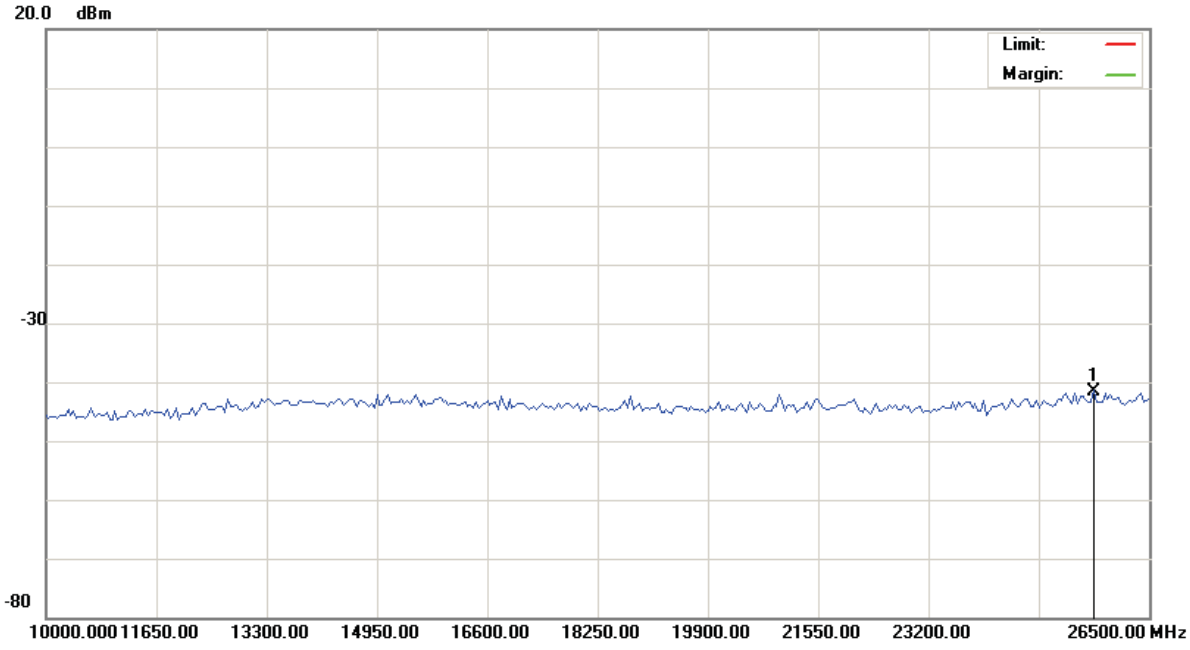
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1		2328.000	-44.49	0.82	-43.67			peak			
2	*	2412.000	4.65	0.82	5.47			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#4 Date: 2007/12/02 Time: 下午 06:40:52



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH01

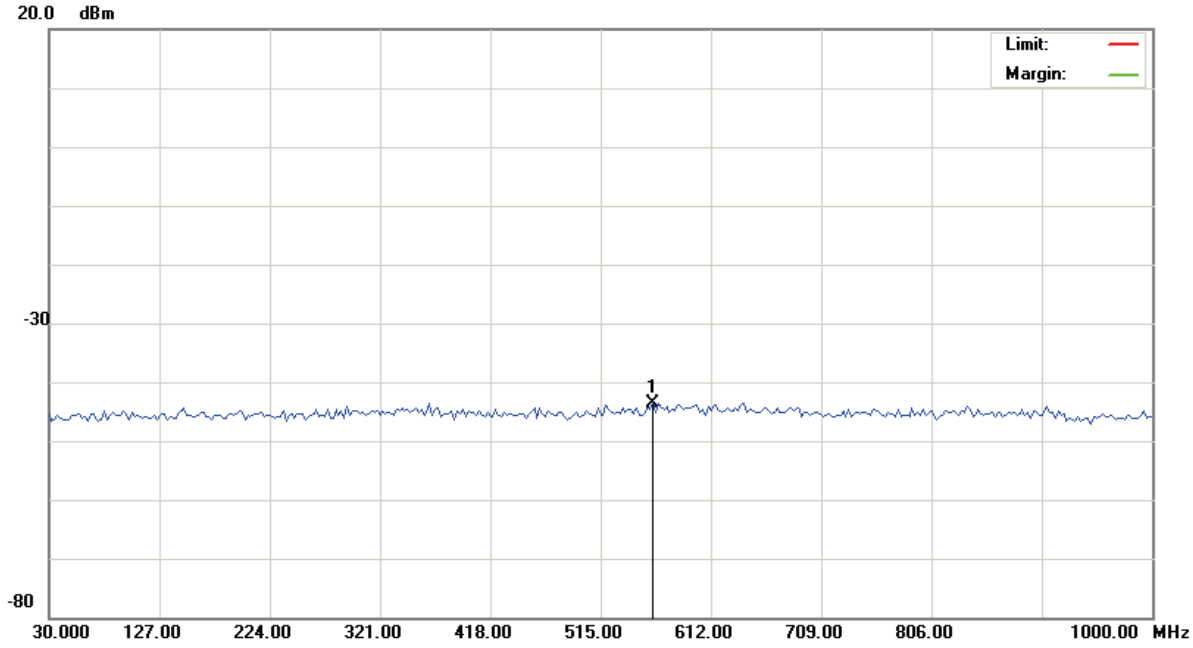
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	25675.00	-42.71	0.99	-41.72			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#5 Date: 2007/12/02 Time: 下午 06:41:37



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH06

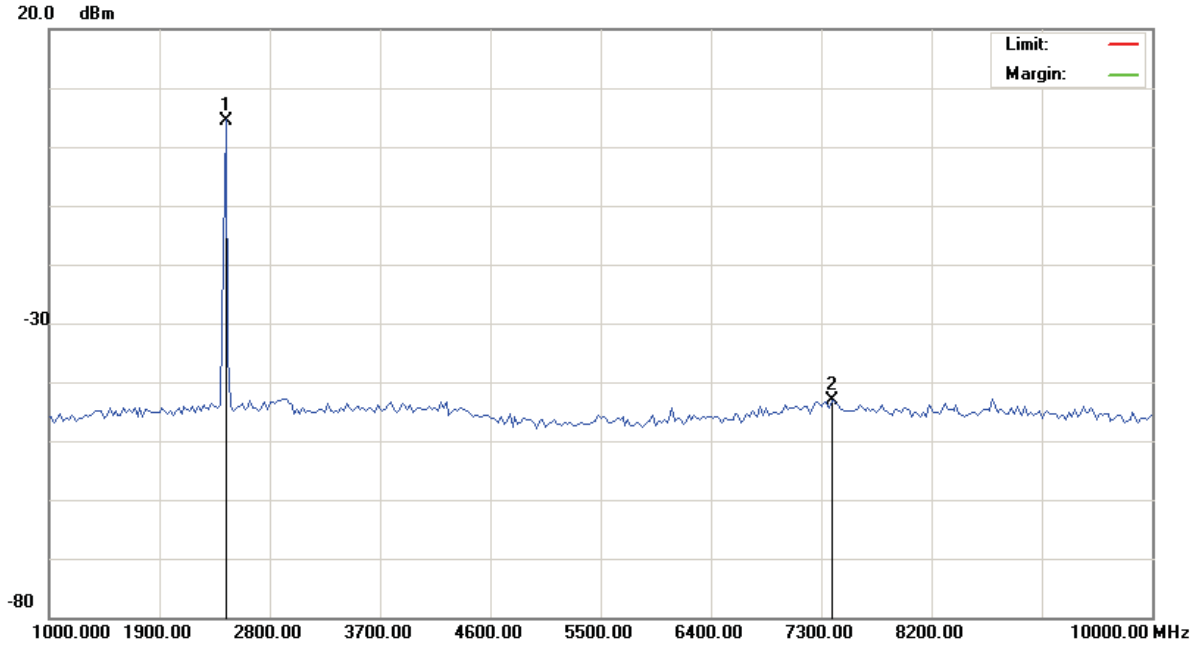
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	561.0750	-44.54	0.80	-43.74			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#6 Date: 2007/12/02 Time: 下午 06:42:55



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

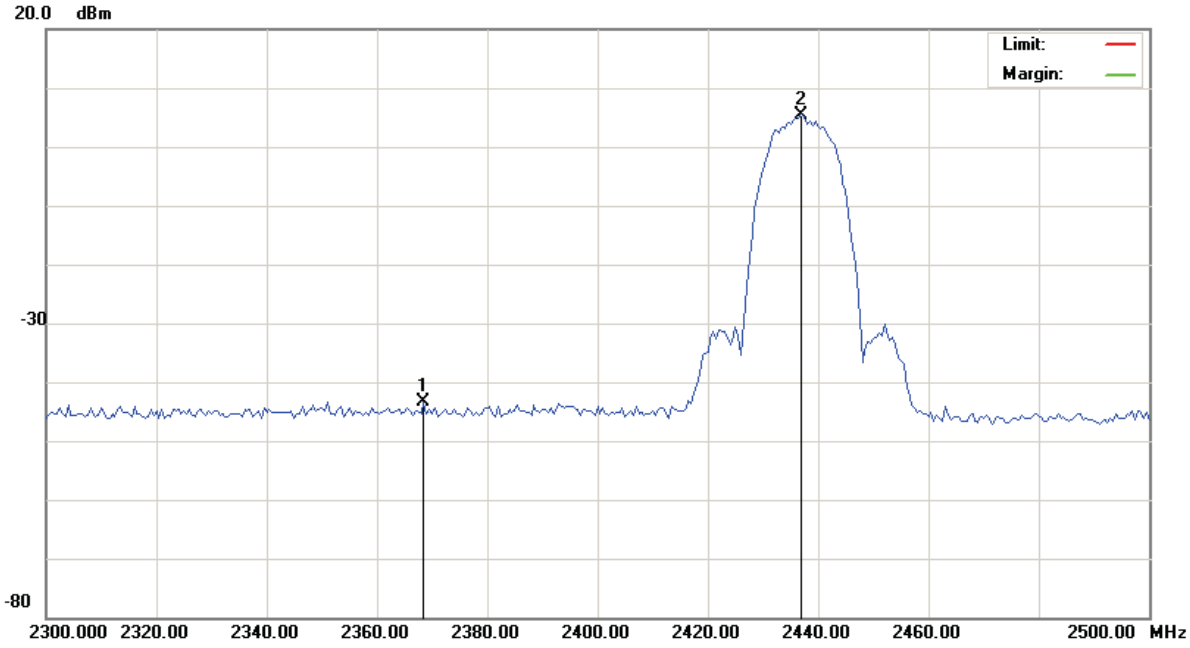
Mode: 11b

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2440.000	3.67	0.82	4.49			peak			
2		7390.000	-43.91	0.86	-43.05			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#7 Date: 2007/12/02 Time: 下午 06:43:33



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

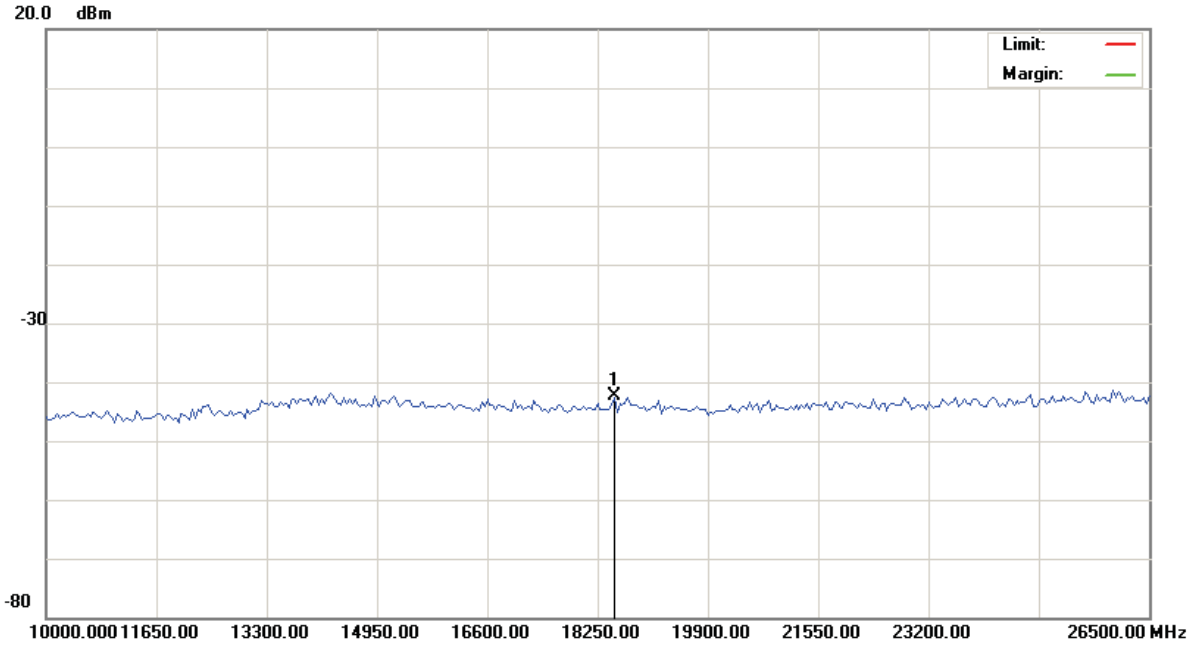
Mode: 11b

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1		2368.500	-44.25	0.82	-43.43			peak			
2	*	2437.000	4.57	0.82	5.39			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#8 Date: 2007/12/02 Time: 下午 06:44:52



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

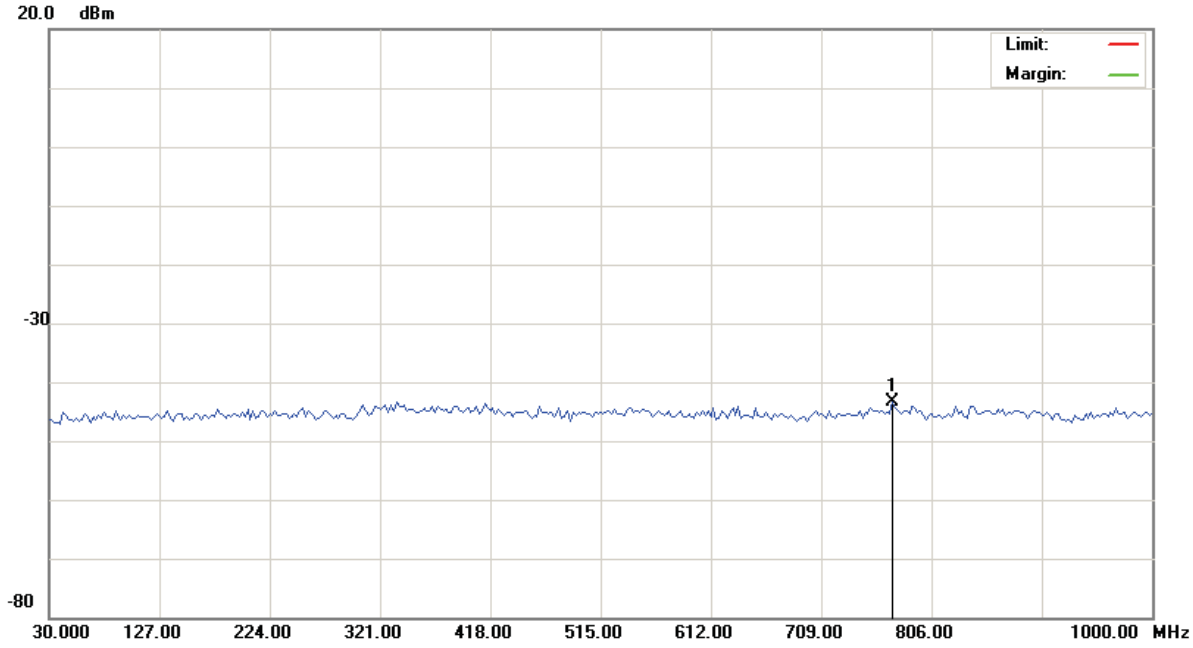
Mode: 11b

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	18497.50	-43.43	0.94	-42.49			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#9 Date: 2007/12/02 Time: 下午 06:45:13



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

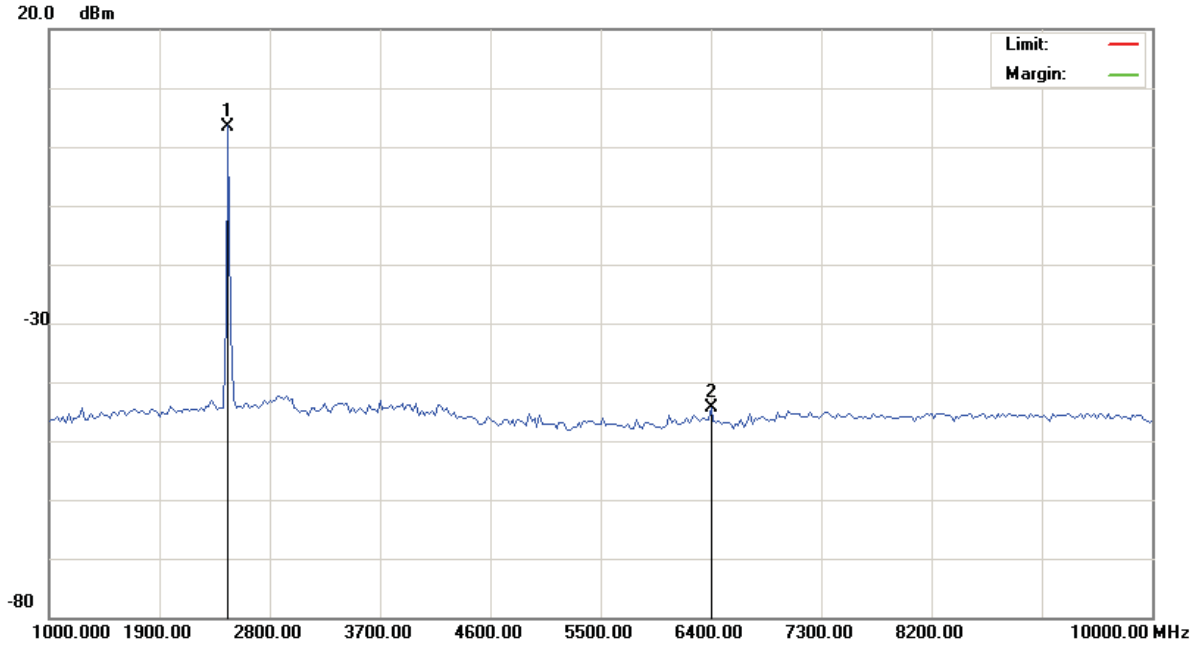
Mode: 11b

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	772.0500	-44.19	0.81	-43.38			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#10 Date: 2007/12/02 Time: 下午 06:46:54



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

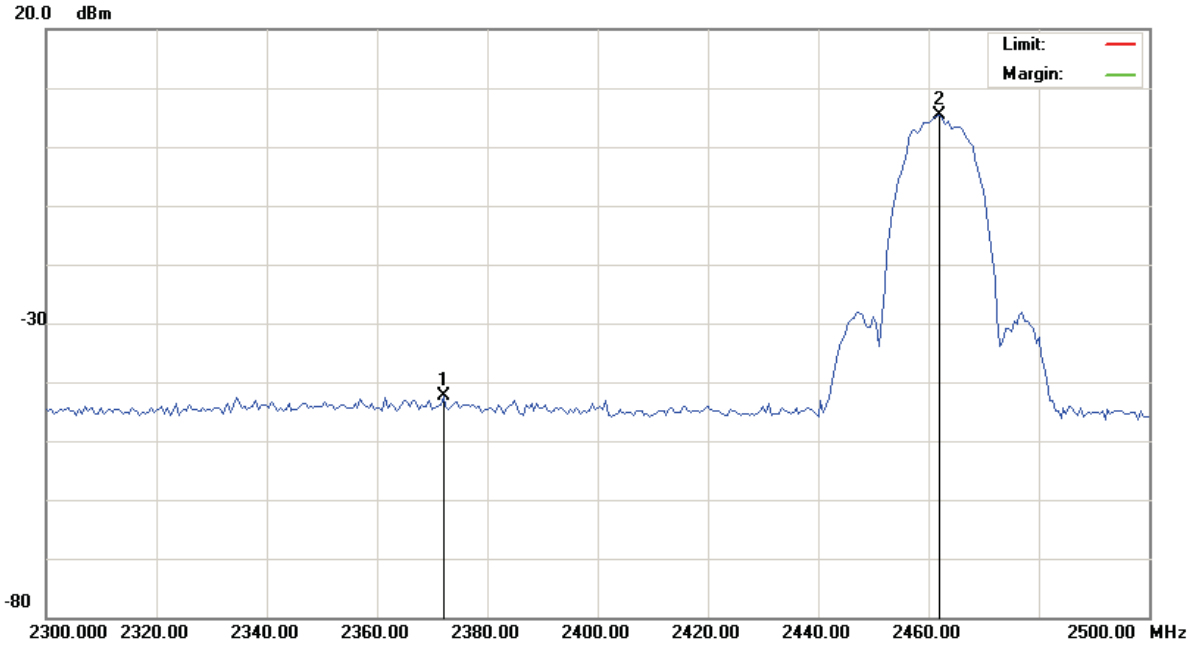
Mode: 11b

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2462.500	2.65	0.82	3.47			peak			
2		6400.000	-45.13	0.85	-44.28			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#11 Date: 2007/12/02 Time: 下午 06:47:15



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

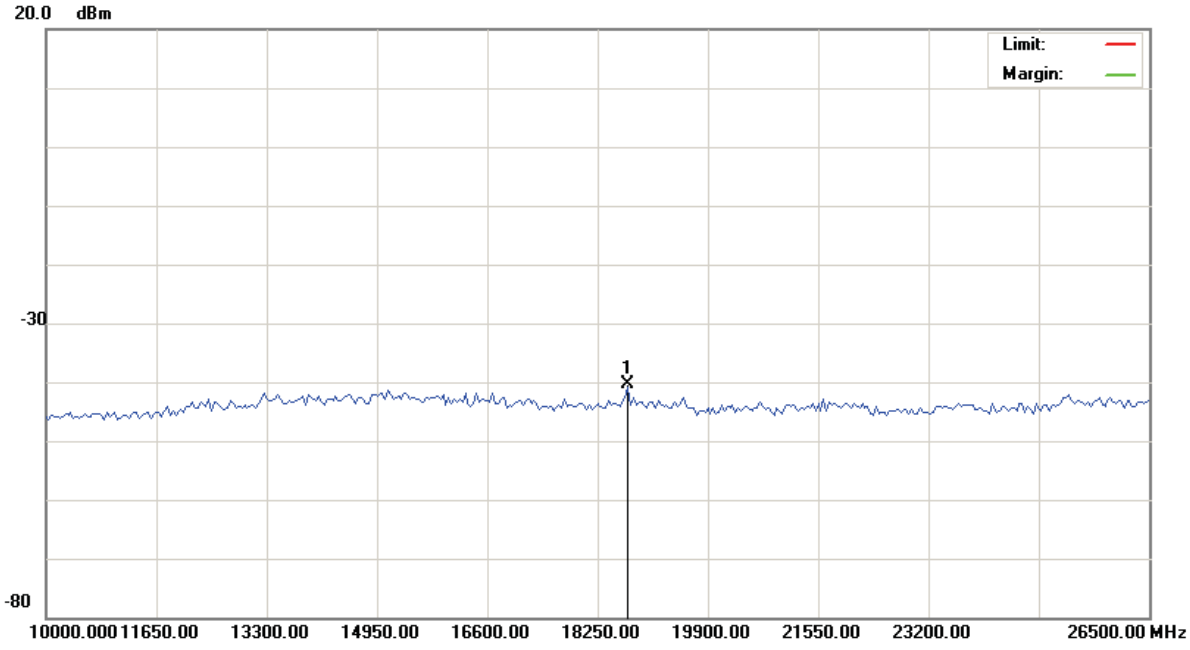
Mode: 11b

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1		2372.000	-43.10	0.82	-42.28			peak			
2	*	2462.000	4.50	0.82	5.32			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11b)20dB Data :#12 Date: 2007/12/02 Time: 下午 06:48:26



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11b
Note: CH11

Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

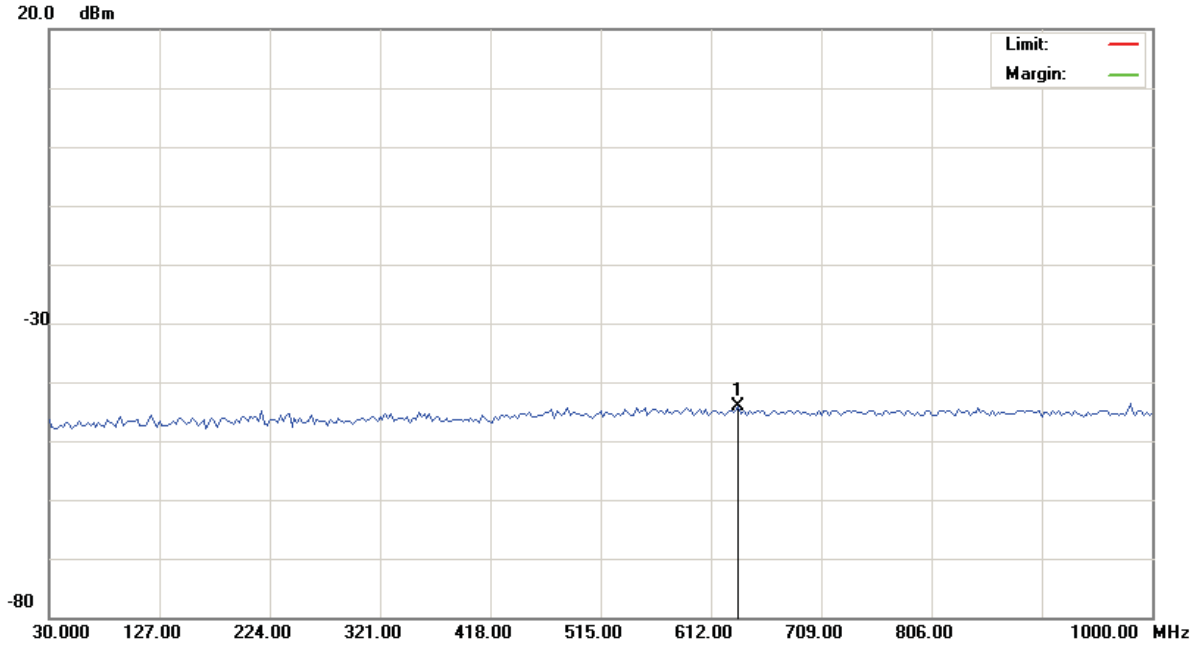
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	18703.75	-41.36	0.94	-40.42			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

7.5.2 802.11g Test Graphs

Please refer to next pager of detail testing data.

File :Arctic(11g)20dB Data :#1 Date: 2008/12/02 Time: 下午 07:04:25



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH01

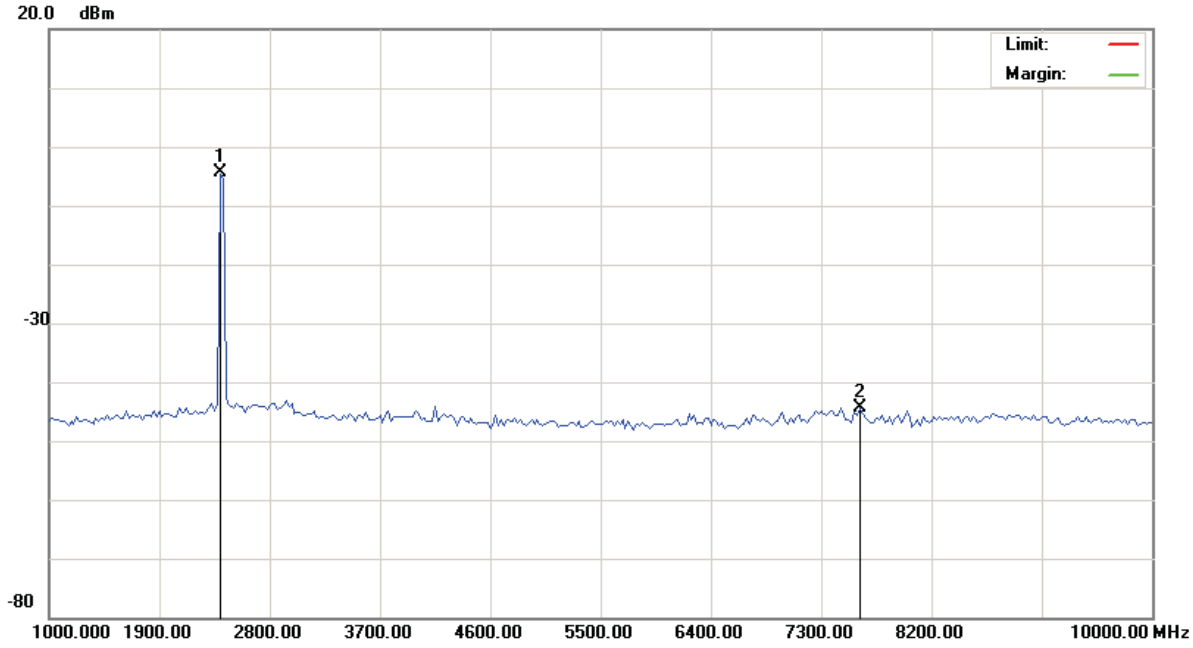
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	636.2500	-45.03	0.80	-44.23			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#2 Date: 2008/12/02 Time: 下午 07:04:53



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH01

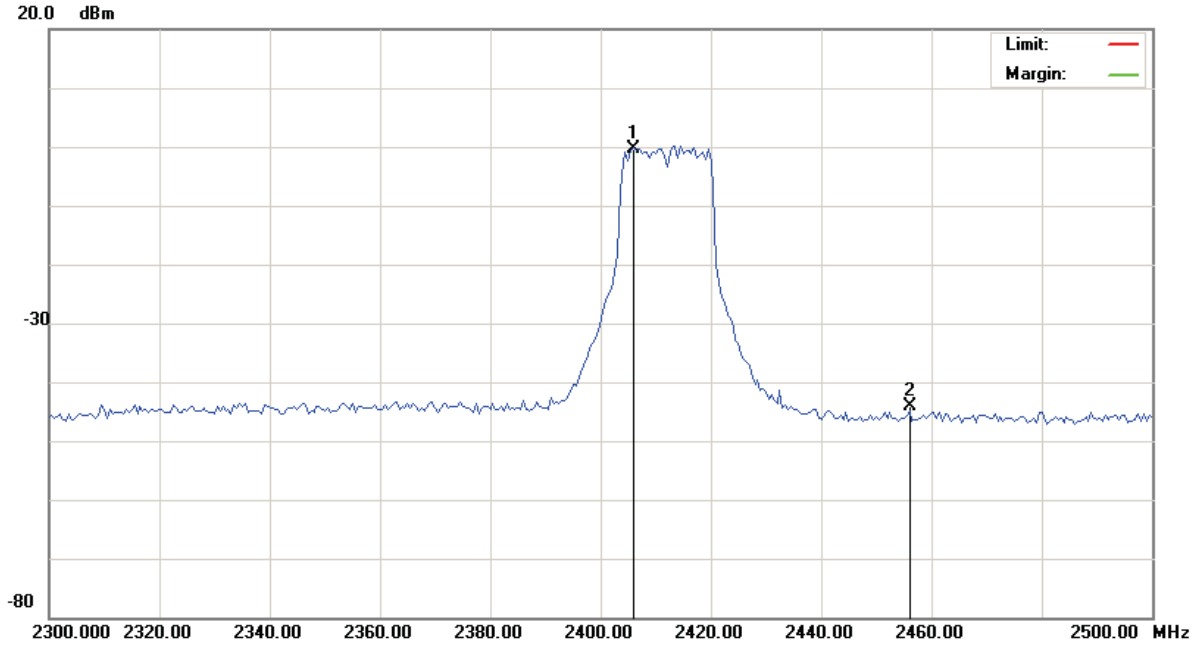
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2395.000	-5.24	0.82	-4.42			peak			
2		7615.000	-45.15	0.86	-44.29			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#3 Date: 2008/12/02 Time: 下午 07:05:35



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

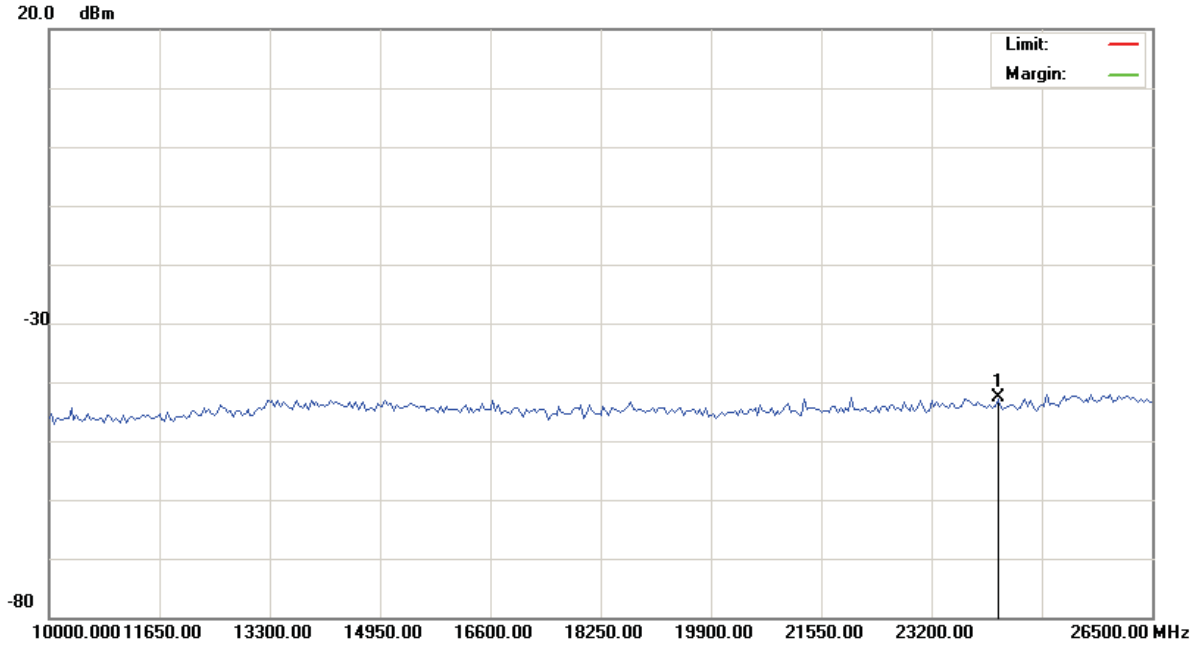
Mode: 11g

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2406.000	-1.08	0.82	-0.26			peak			
2		2456.000	-44.91	0.82	-44.09			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#4 Date: 2008/12/02 Time: 下午 07:06:37



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

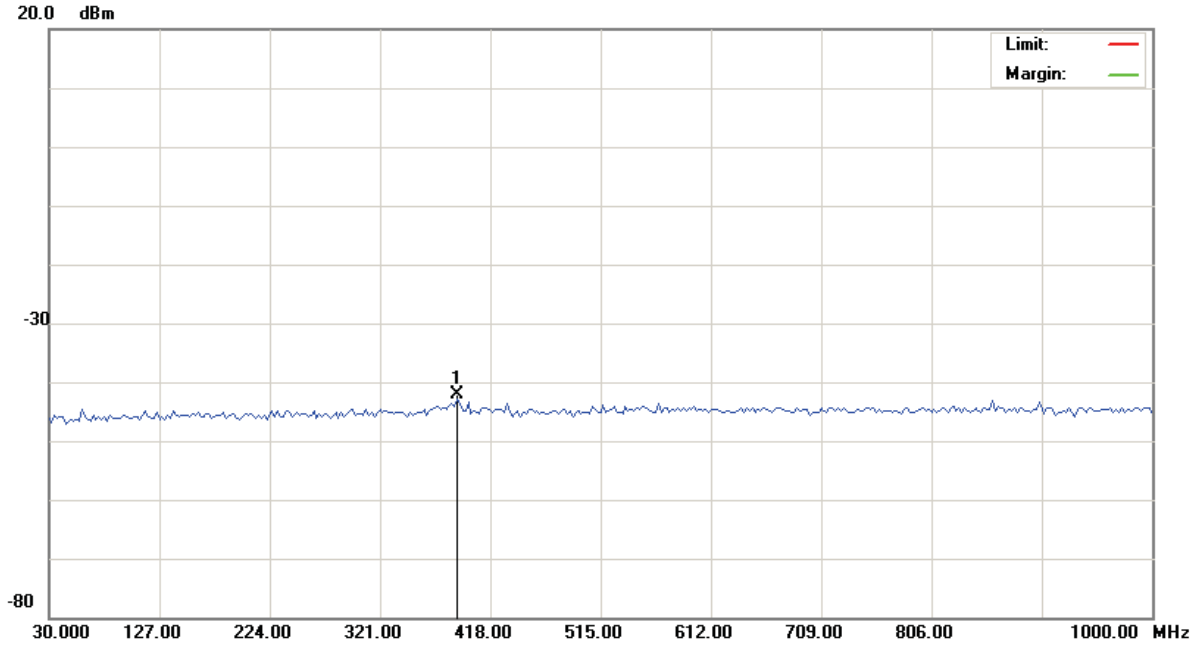
Mode: 11g

Note: CH01

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	24190.00	-43.55	0.98	-42.57			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#5 Date: 2008/12/02 Time: 下午 07:07:22



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH06

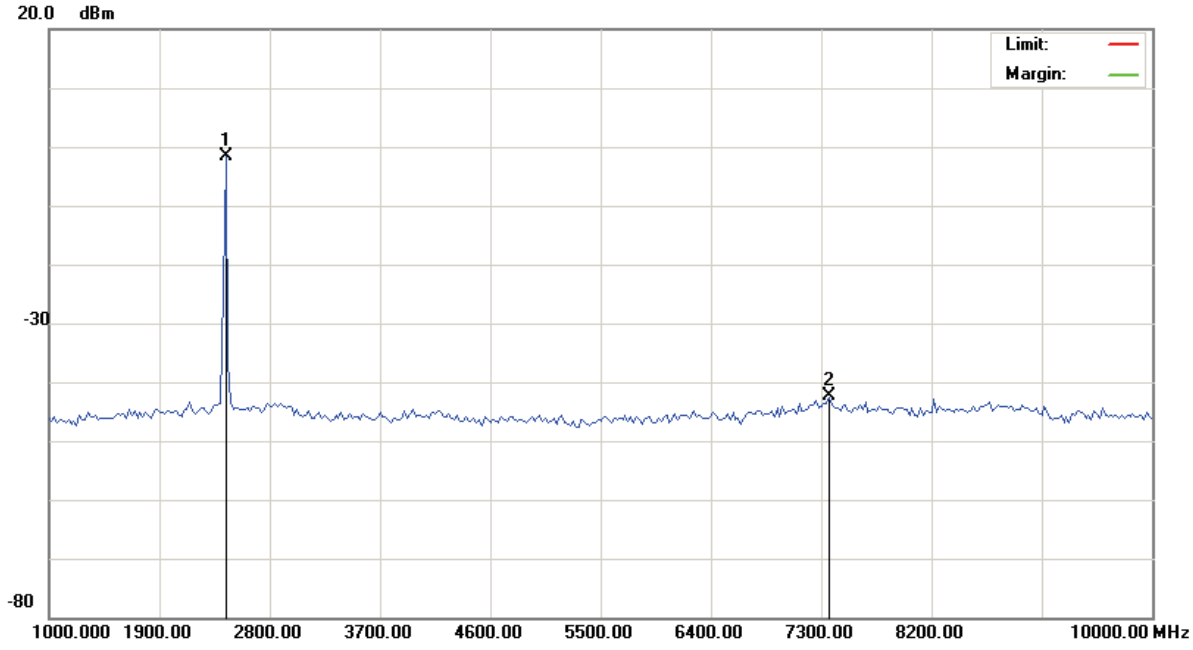
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	388.9000	-42.93	0.80	-42.13			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#6 Date: 2008/12/02 Time: 下午 07:08:53



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH06

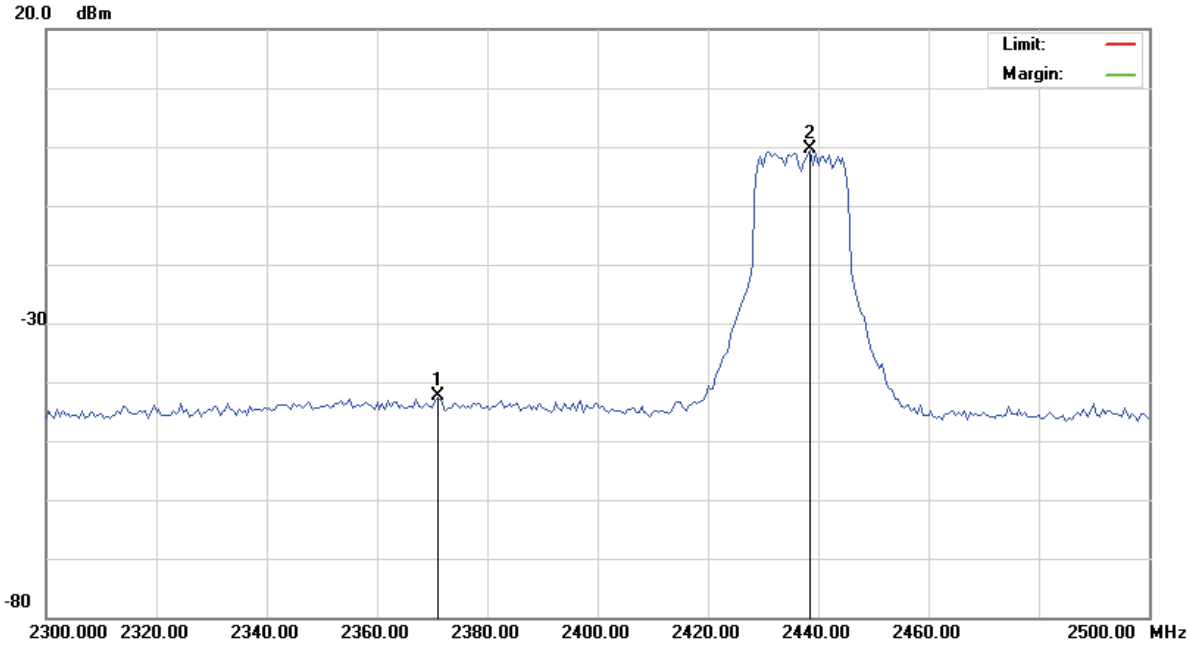
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2440.000	-2.33	0.82	-1.51			peak			
2		7367.500	-43.12	0.86	-42.26			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#7 Date: 2008/12/02 Time: 下午 07:09:43



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH06

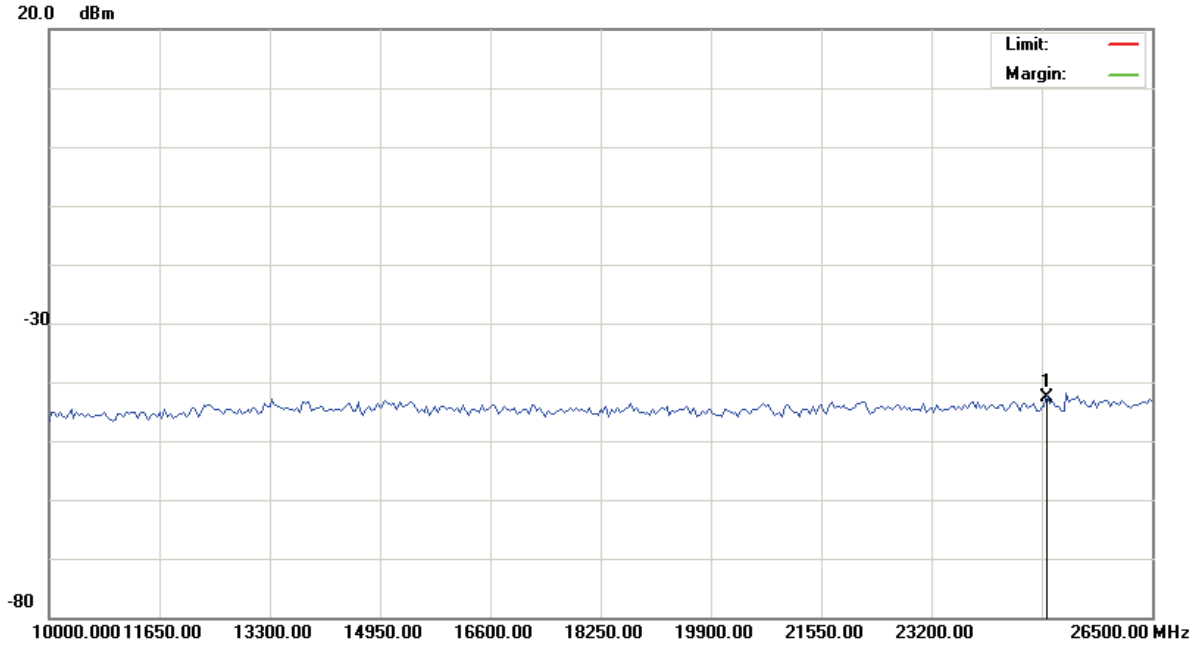
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1		2371.000	-43.11	0.82	-42.29			peak			
2	*	2438.500	-1.18	0.82	-0.36			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#8 Date: 2008/12/02 Time: 下午 07:10:35



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

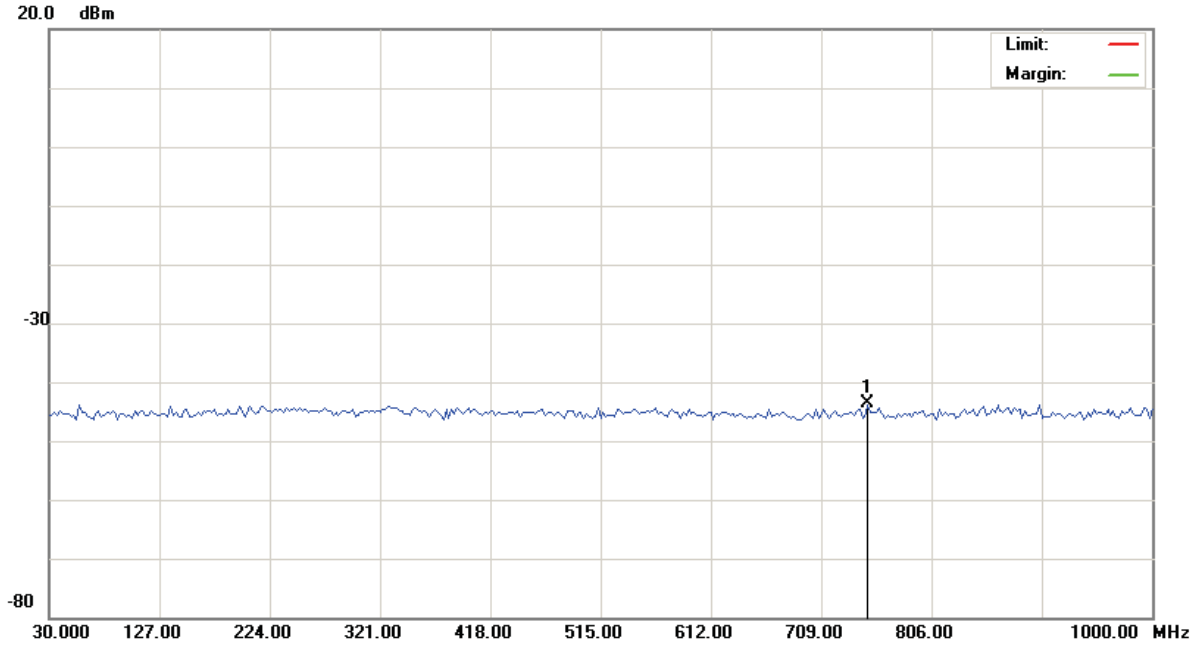
Mode: 11g

Note: CH06

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	24932.50	-43.56	0.99	-42.57			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#9 Date: 2008/12/02 Time: 下午 07:11:49



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH11

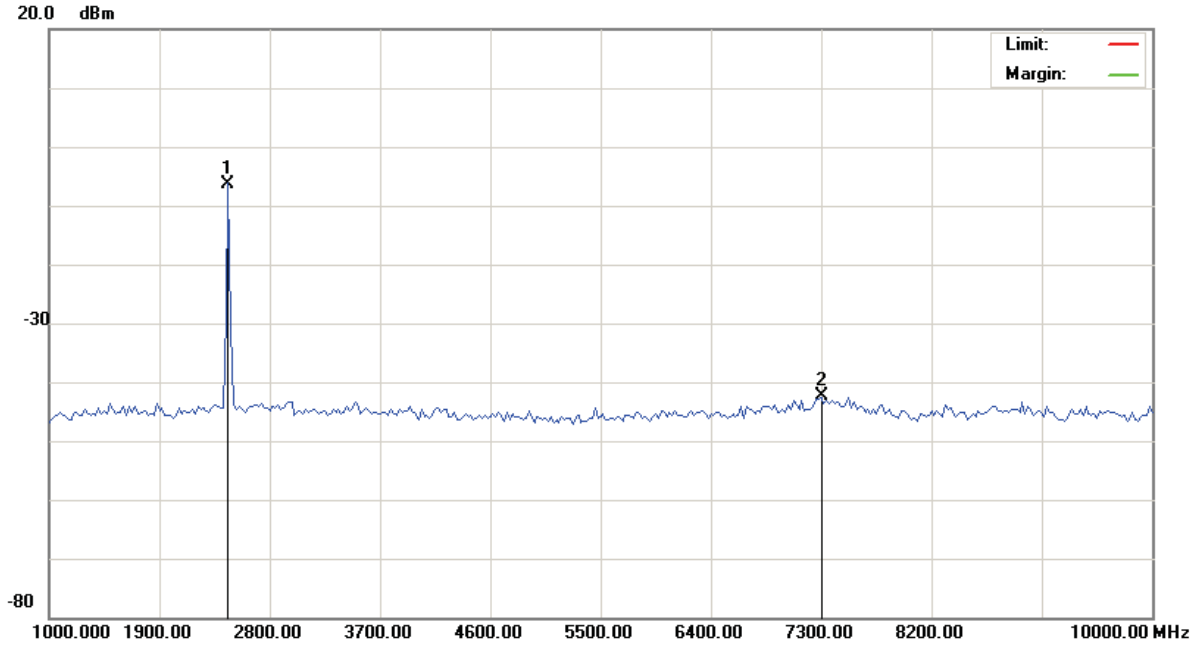
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	750.2250	-44.45	0.81	-43.64			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#10 Date: 2008/12/02 Time: 下午 07:12:38



Site site#1
Limit:
EUT:
M/N: 08-0270-E
Mode: 11g
Note: CH11

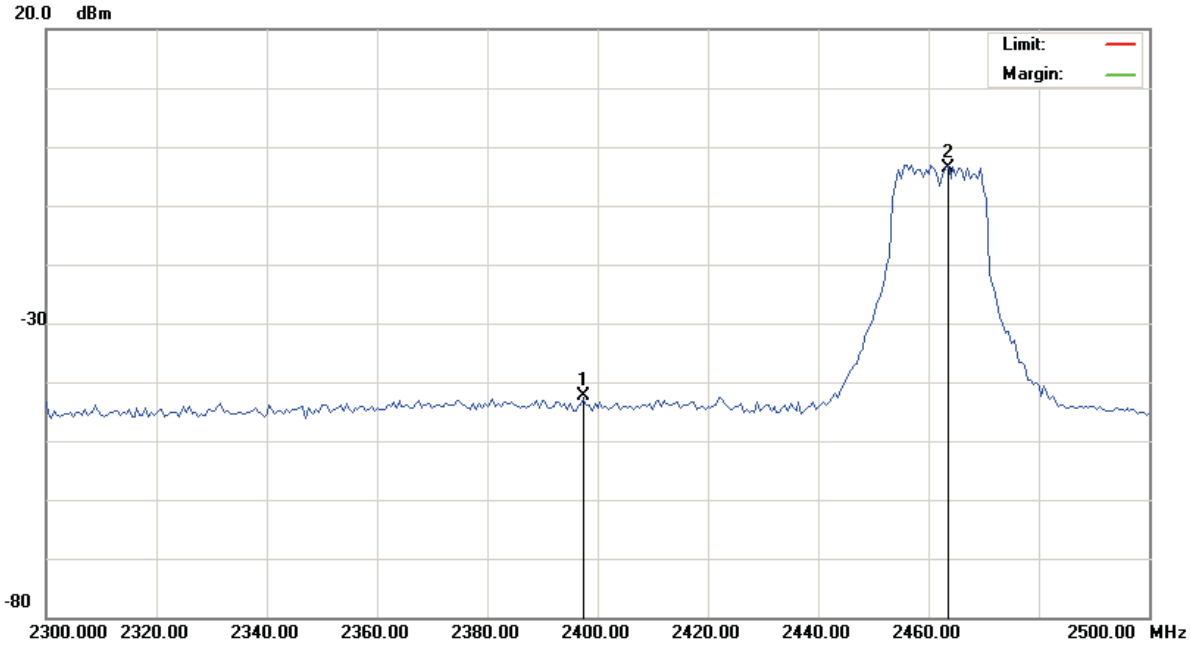
Polarization:
Power: AC 110V/60Hz
Distance:

Temperature: 26 ℃
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2462.500	-7.09	0.82	-6.27			peak			
2		7300.000	-43.24	0.86	-42.38			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#11 Date: 2008/12/02 Time: 下午 07:13:54



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

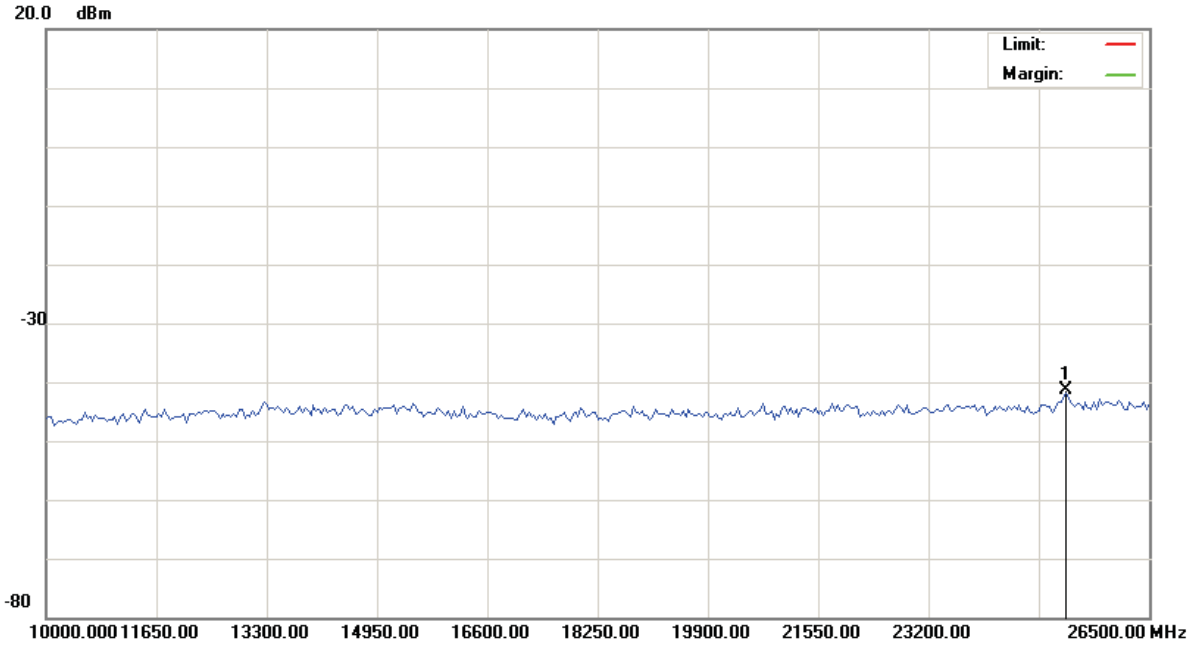
Mode: 11g

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1		2397.500	-43.14	0.82	-42.32			peak			
2	*	2463.500	-4.35	0.82	-3.53			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(11g)20dB Data :#12 Date: 2008/12/02 Time: 下午 07:14:32



Site site#1 Polarization: Temperature: 26 ℃

Limit: Power: AC 110V/60Hz Humidity: 55 %

EUT: Distance:

M/N: 08-0270-E

Mode: 11g

Note: CH11

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	25262.50	-42.31	0.99	-41.32			peak			

*:Maximum data x:Over limit !:over margin ●Reference Only

8. Band Edges Requirements

8.1 Test Condition & Setup:

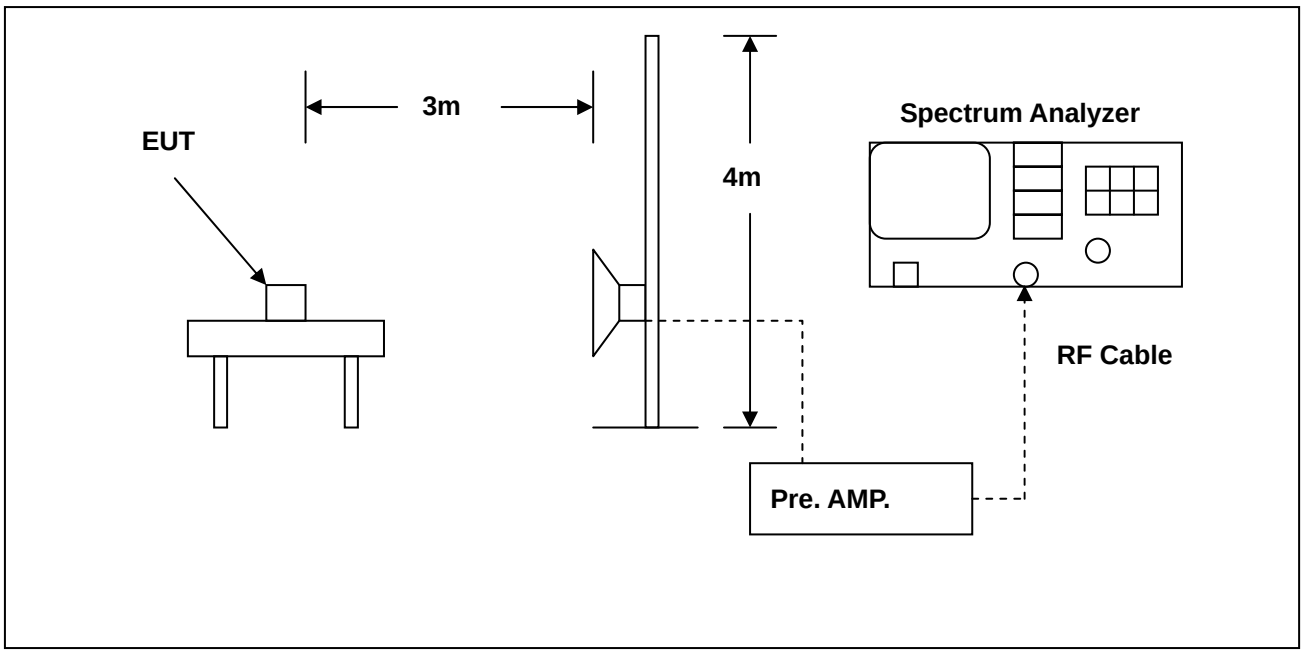
The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The emissions on the harmonics frequencies, the limits, and the margin of compliance are presented. These tests were made when the transmitter was in full radiated power. The additional test was performed to show compliance with the requirement at the band-edge frequency 2483.5 MHz and up to 2500 MHz and at 2390.0 MHz.

The transmitter was configured with the worst case antenna and setup to transmit at the highest channel. Then the field strength was measured at 2483.5 MHz.

The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel. Then the field strength was measured at 2390.0 MHz. These tests were performed at 4 different bit rates.

8.2 Test Instruments Configuration:



8.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	Jun. 05, 2008	Jun. 05, 2009
Pre Amplifier	Agilent	8449B	3008A02237	Jun. 03, 2008	Jun. 03, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2008	Jun. 26, 2009

8.4 Test Result:

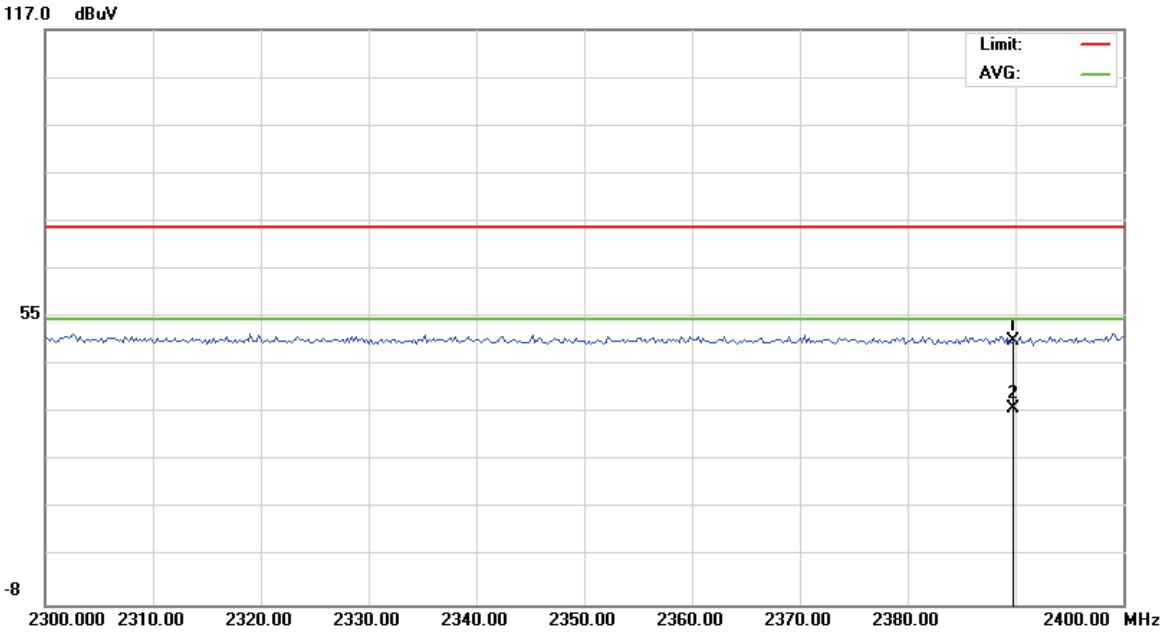
8.4.1 Test Result:

Applicant : iTMP Technology, Inc.
Model No : SL
EUT : SMHEART LINK
Test Mode : 802.11b Low CH & High CH
Test Date : 11/12/2008
Test Graphs See next page.

Notes:

1. Margin= Amplitude - Limits
2. Height of table for EUT placed: 0.8 Meter.
3. ANT= Antenna height.
4. Duty= Duty cycle correction factor.
5. Dis= Distance extrapolation factor.
6. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
7. Actual Amp= Amplitude - Duty - Dis.

File :Arctic(BAND EDGE) Data :#1 Date: 2008/11/12 Time: 下午 08:36:38



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: BAND EDGE(11b)
Note: CH01(2412MHz)Antenna 100cm

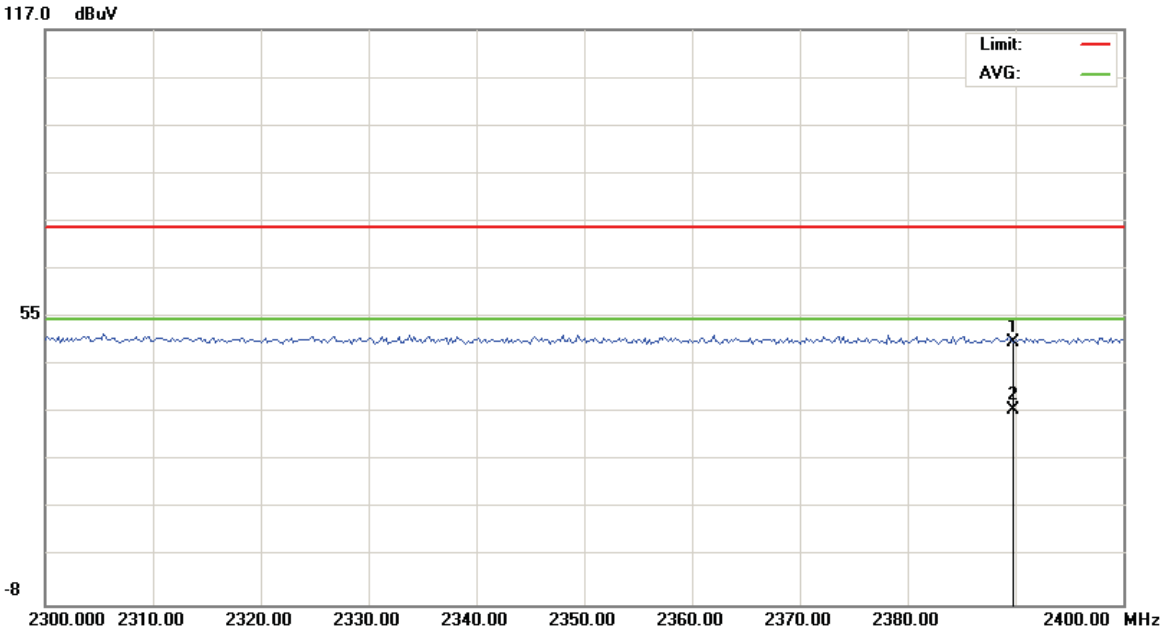
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2389.800	49.11	0.16	49.27	74.00	-24.73	peak			
2	*	2389.800	34.35	0.16	34.51	54.00	-19.49	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#5 Date: 2008/11/12 Time: 下午 08:53:46

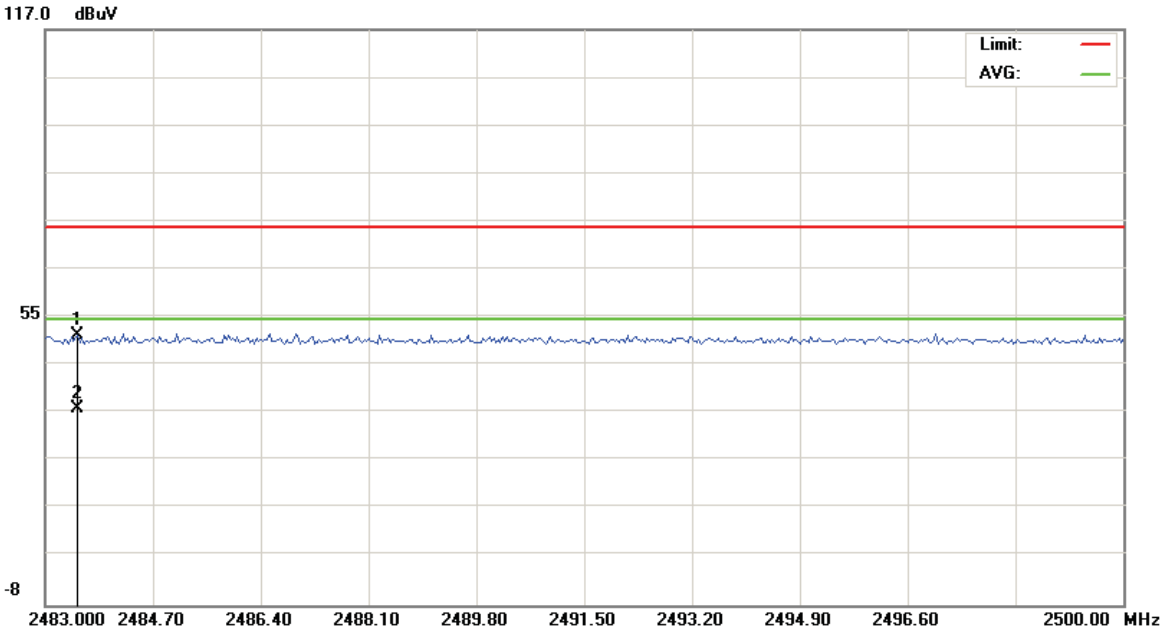


Site	Polarization: ***Horizontal***	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: BAND EDGE(11b)		
Note: CH01(2412MHz)Antenna 100cm		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2389.800	48.75	0.16	48.91	74.00	-25.09	peak			
2	*	2389.800	34.33	0.16	34.49	54.00	-19.51	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#3 Date: 2008/11/12 Time: 下午 08:43:00



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: BAND EDGE(11b)
Note: CH11(2462MHz)Antenna 100cm

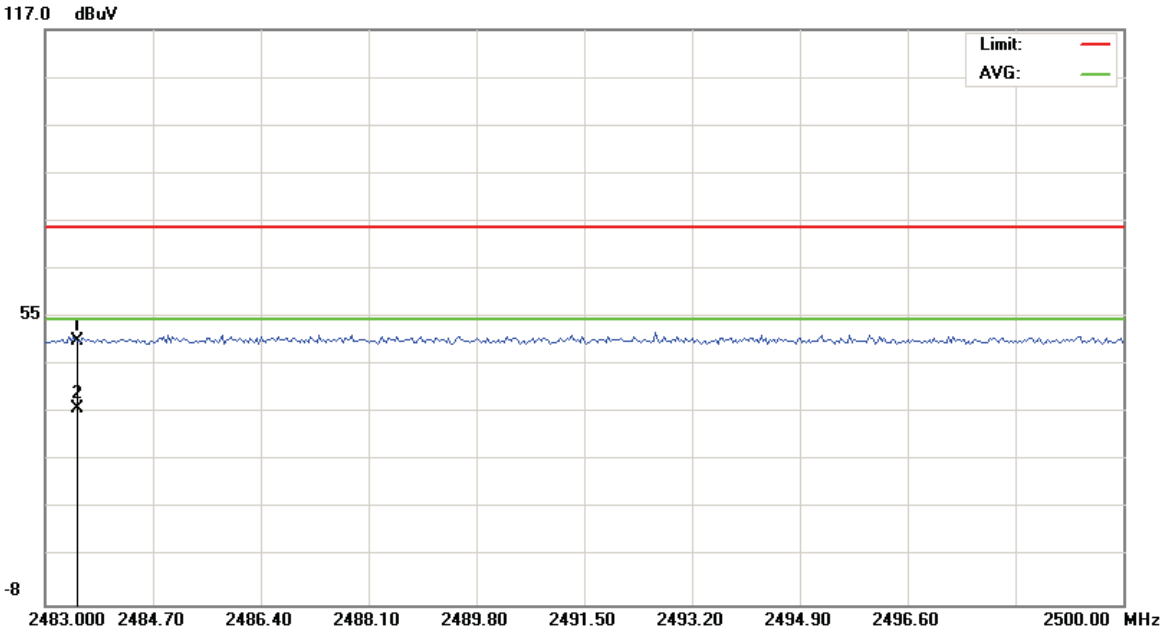
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2483.510	50.37	0.25	50.62	74.00	-23.38	peak			
2	*	2483.510	34.31	0.25	34.56	54.00	-19.44	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#7 Date: 2008/11/12 Time: 下午 09:00:03



Site	Polarization: *Horizontal*	Temperature:	22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity:	60 %
EUT:	Distance: 3m		
M/N: 08-0270-E			
Mode: BAND EDGE(11b)			
Note: CH11(2462MHz)Antenna 100cm			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2483.510	49.25	0.25	49.50	74.00	-24.50	peak			
2	*	2483.510	34.27	0.25	34.52	54.00	-19.48	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

8.4.2 Test Result:

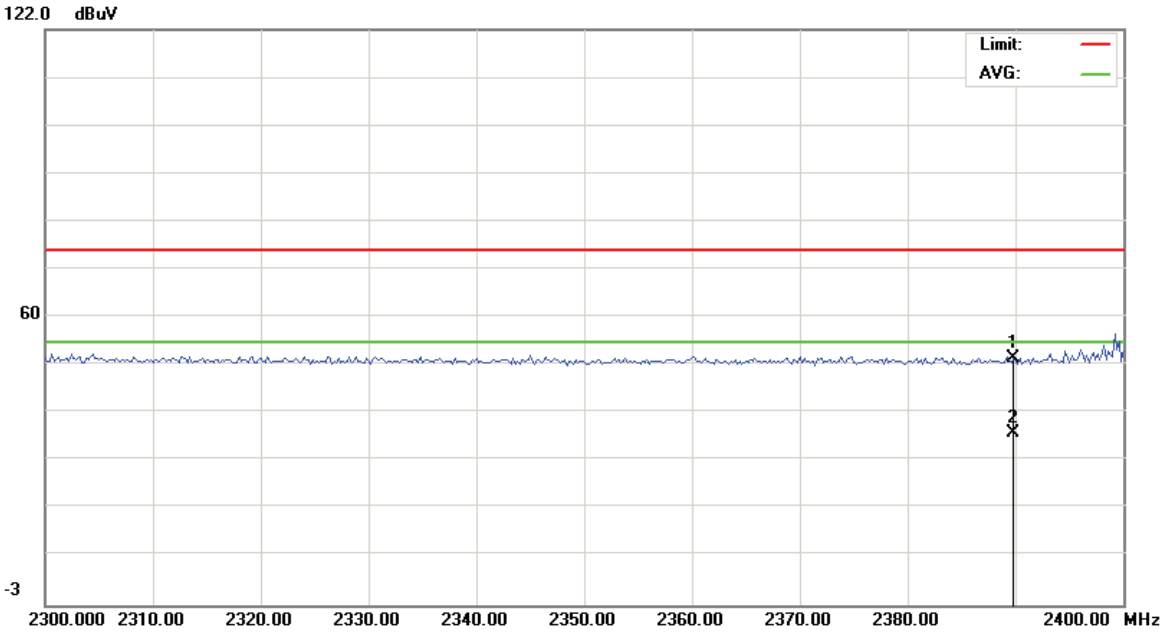
Applicant	: iTMP Technology, Inc.
Model No	: SL
EUT	: SMHEART LINK
Test Mode	: 802.11g Low CH & High CH
Test Date	: 11/12/2008

Test Graphs See next page.

Notes:

1. Margin= Amplitude - Limits
2. Height of table for EUT placed: 0.8 Meter.
3. ANT= Antenna height.
4. Duty= Duty cycle correction factor.
5. Dis= Distance extrapolation factor.
6. Amplitude= Reading Amplitude - Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
7. Actual Amp= Amplitude - Duty - Dis.

File :Arctic(BAND EDGE) Data :#1 Date: 2008/11/12 Time: 下午 08:03:34



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: BAND EDGE(11g)
Note: CH01(2412MHz)Antenna 100cm

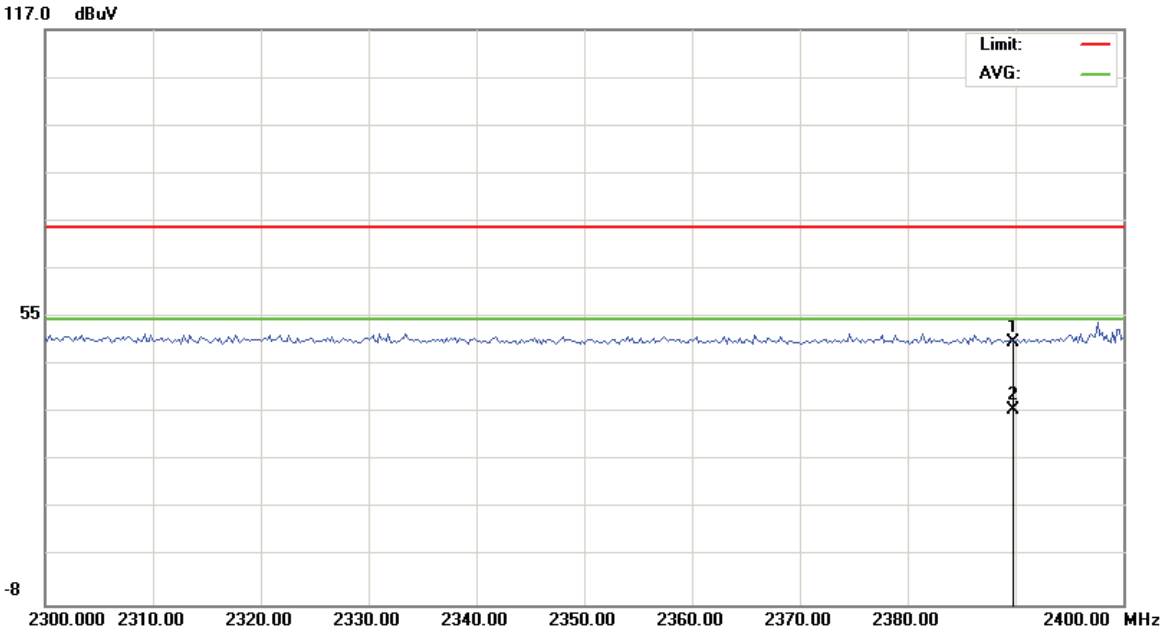
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2389.800	50.43	0.16	50.59	74.00	-23.41	peak			
2	*	2389.800	34.33	0.16	34.49	54.00	-19.51	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#5 Date: 2008/11/12 Time: 下午 08:21:03

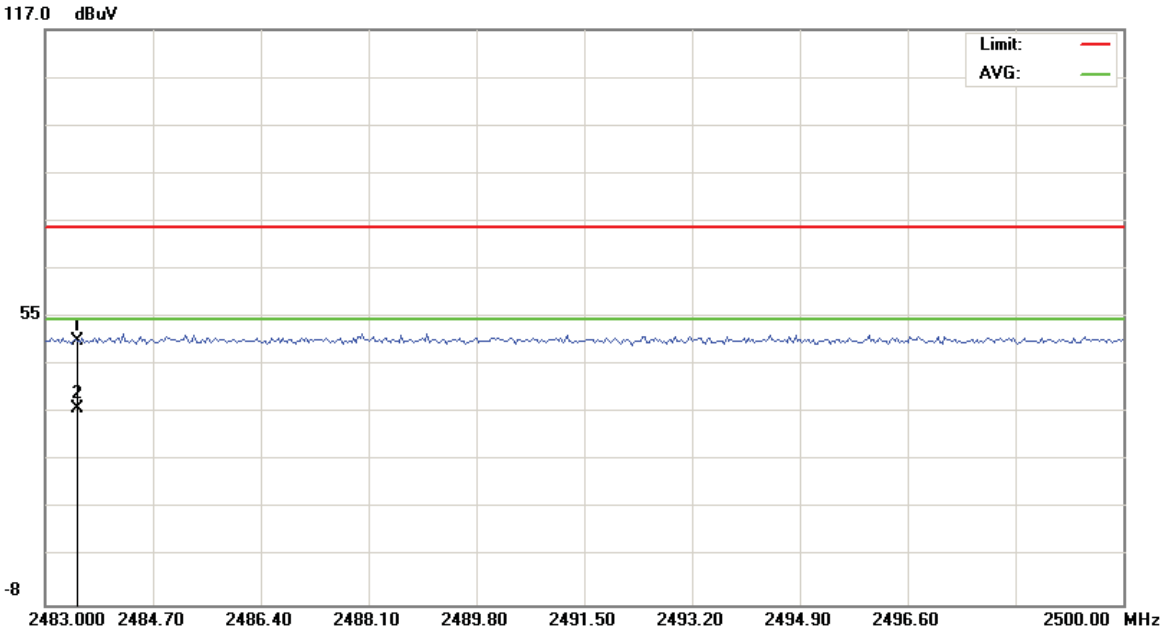


Site	Polarization: *Horizontal*	Temperature: 22 ℃
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: 3m	
M/N: 08-0270-E		
Mode: BAND EDGE(11g)		
Note: CH01(2412MHz)Antenna 100cm		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2389.800	48.85	0.16	49.01	74.00	-24.99	peak			
2	*	2389.800	34.33	0.16	34.49	54.00	-19.51	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#3 Date: 2008/11/12 Time: 下午 08:12:29



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: BAND EDGE(11g)
Note: CH11(2462MHz)Antenna 100cm

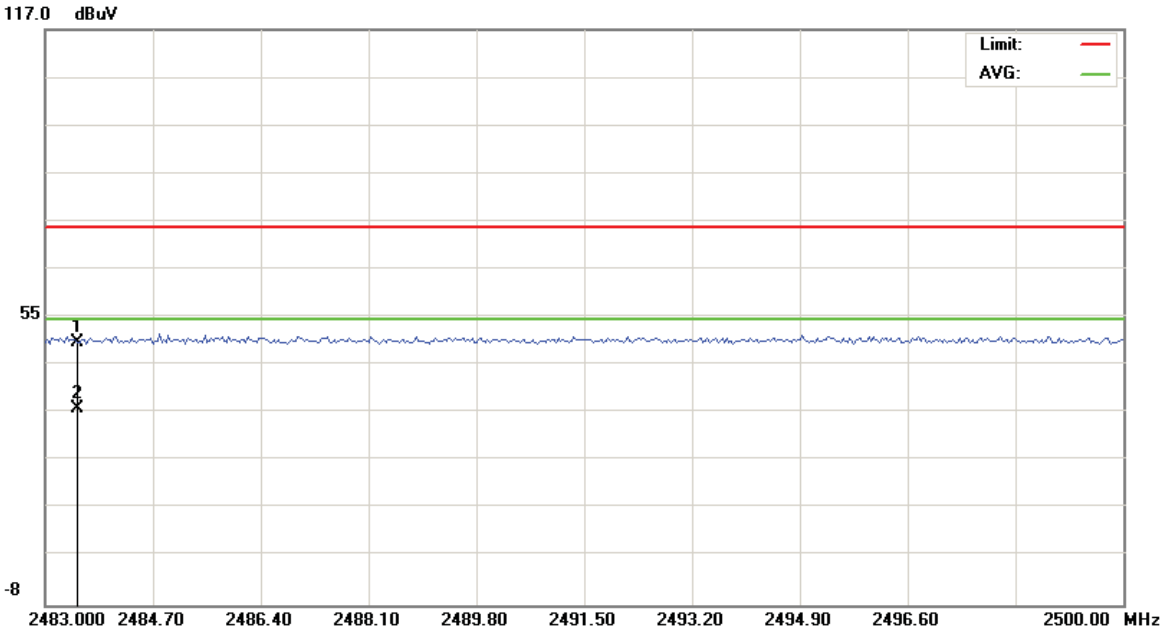
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2483.510	49.09	0.25	49.34	74.00	-24.66	peak			
2	*	2483.510	34.29	0.25	34.54	54.00	-19.46	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

File :Arctic(BAND EDGE) Data :#7 Date: 2008/11/12 Time: 下午 08:28:25



Site
Limit: FCC part 15 (PK)
EUT:
M/N: 08-0270-E
Mode: BAND EDGE(11g)
Note: CH11(2462MHz)Antenna 100cm

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2483.510	48.77	0.25	49.02	74.00	-24.98	peak			
2	*	2483.510	34.28	0.25	34.53	54.00	-19.47	AVG			

*:Maximum data x:Over limit !:over margin ●Reference Only

9. Antenna Requirements

9.1 Standard Applicable:

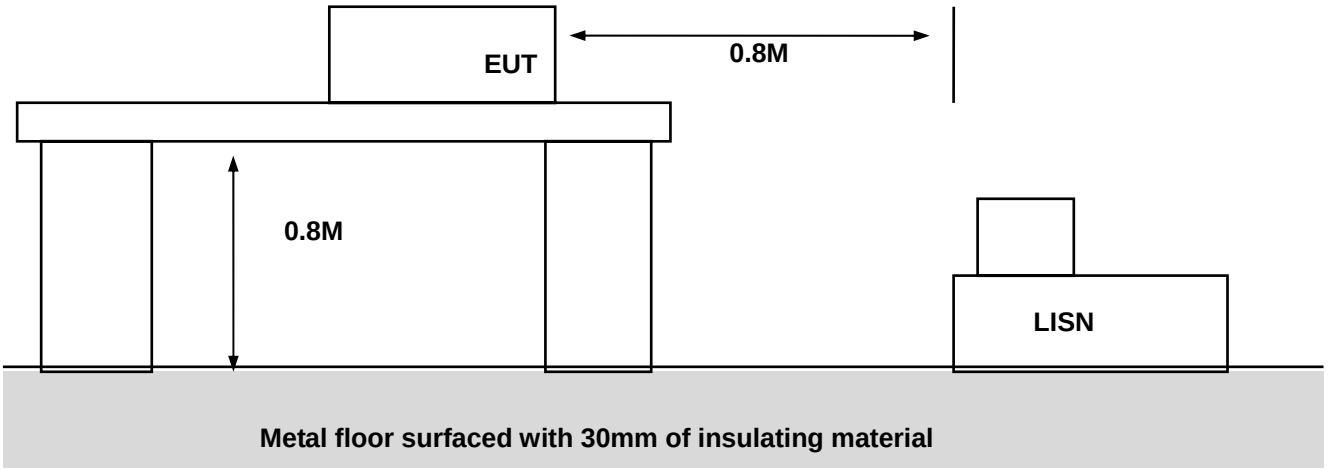
For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.2 Antenna Connector Construction

The antenna used in this product is external Whip antenna. And the maximum Gain of this antenna is only **-2** dB.

Appendix A - EUT Test SETUP

MEASUREMENT OF POWER LINE CONDUCTED RFI VOLTAGE



MEASUREMENT OF RADIATED EMISSION