



Test Report

Product Name : Wireless Router

Model No. : DI-524

FCC ID. : KA2DI524H1

Applicant : D-Link Corporation

Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114,
Taiwan, R.O.C.

Date of Receipt : 2009/03/31

Issued Date : 2009/04/13

Report No. : 094028R-RFUSP05V01

Report Version : V1.0

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Test Report Certification

Issued Date : 2009/04/13

Report No. : 094028R-RFUSP05V01



Product Name : Wireless Router

Applicant : D-Link Corporation

Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114,
Taiwan, R.O.C.

Manufacturer : Advance Multimedia Internet Technology

Model No. : DI-524

FCC ID. : KA2DI524H1

Rated Voltage : AC 120 V / 60 Hz

EUT Voltage : AC 100-120V/ 50-60Hz

Trade Name : D-Link

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2008

Test Result : Complied

The test results relate only to the samples tested.

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Documented By

:

Sandy Chuang

(Sandy Chuang / Engineering Adm. Specialist)

Reviewed By

:

Sheena Huang

(Sheena Huang / Engineer)

Approved By

:

Roy Wang

(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

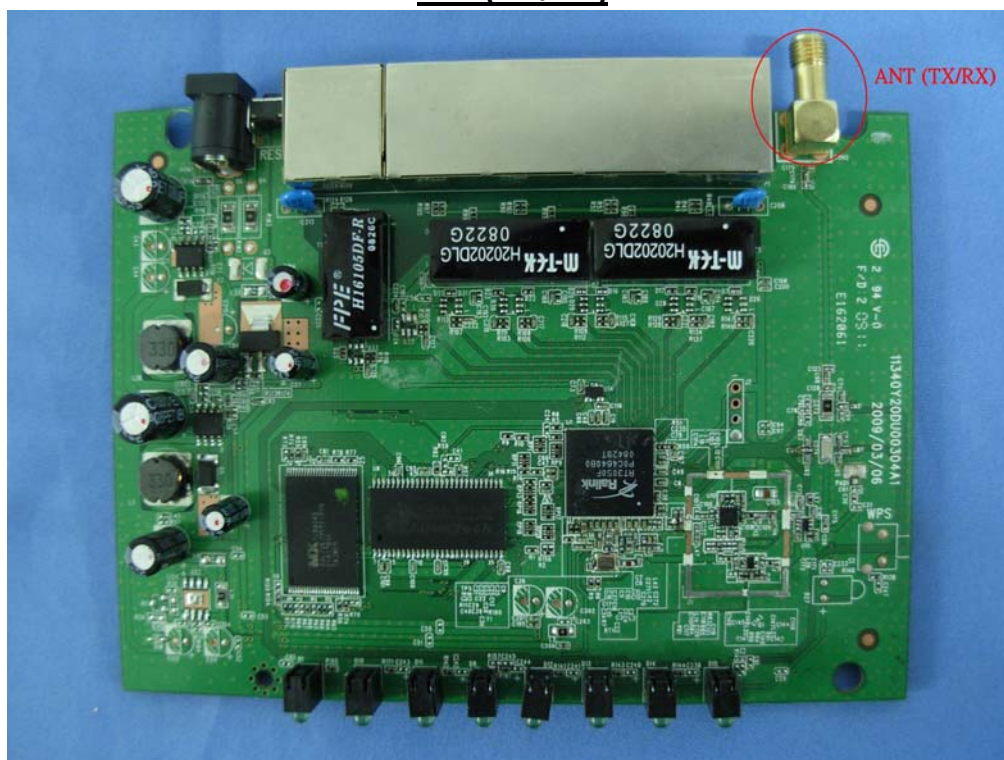
Product Name	Wireless Router
Product Type	WLAN(1TX,1RX)
Trade Name	D-Link
Model No.	DI-524
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)	2412~2462MHz
Frequency Range-IEEE 802.11n (40MHz)	2422~2452MHz
Channel Number (IEEE 802.11b/g & IEEE 802.11n (20MHz))	11
Channel Number-IEEE 802.11n (40MHz)	7
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n
Antenna	2dBi
Channel Control	Auto
Antenna Type	Dipole

Component	
Power Adapter	D-Link, CF0605-B I/P: 100-120V~0.15A, 50/60Hz O/P: 5V 1.2A Cable Out: Non-Shielded, 1.5m
Power Adapter	D-Link, AMS1-0501200FU I/P: 100-240V~50/60Hz 0.2A/15VA O/P: 5V 1.2A Cable Out: Non-Shielded, 1.5m

ANT-TX / Rx & Bandwidth

ANT-TX / Rx	TX		Rx	
Mode/ Channel Bandwidth	20MHz	40MHz	20MHz	40MHz
IEEE802.11b	✓		✓	
IEEE802.11g	✓			
Draft 11n	✓	✓	✓	✓

ANT (TX / RX)



Draft 11n Spec.

MCS Index	Nss	Modulation	R	NBPSC	NCBPS		NDBPS		Data rate (Mbps)	
									800nsGI	
					20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
0	1	BPSK	$\frac{1}{2}$	1	52	108	26	54	6.5	13.5
1	1	QPSK	$\frac{1}{2}$	2	104	216	52	108	13.0	27.0
2	1	QPSK	$\frac{3}{4}$	2	104	216	78	162	19.5	40.5
3	1	16-QAM	$\frac{1}{2}$	4	208	432	104	216	26.0	54.0
4	1	16-QAM	$\frac{3}{4}$	4	208	432	156	324	39.0	81.0
5	1	64-QAM	$\frac{2}{3}$	6	312	648	208	432	52.0	108.0
6	1	64-QAM	$\frac{3}{4}$	6	312	648	234	486	58.5	121.5
7	1	64-QAM	$\frac{5}{6}$	6	312	648	260	540	65.0	135.0

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPSC	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	guard interval

IEEE 802.11b/g & IEEE 802.11n (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

IEEE 802.11n (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

Note:

1. This device is a Wireless Router, which including 2.4GHz b/g and 11n (1x1) transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest 、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 094028R-RFUSP01V02 under Declaration of Conformity.
5. The peripheral connected to EUT are two setup: on the floor and on the table-top. Data presented in the test report are the worst case of the both setup.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

Tx	Mode 1: Transmit (CF0605-B)
	Mode 2: Transmit (AMS1-0501200FU)

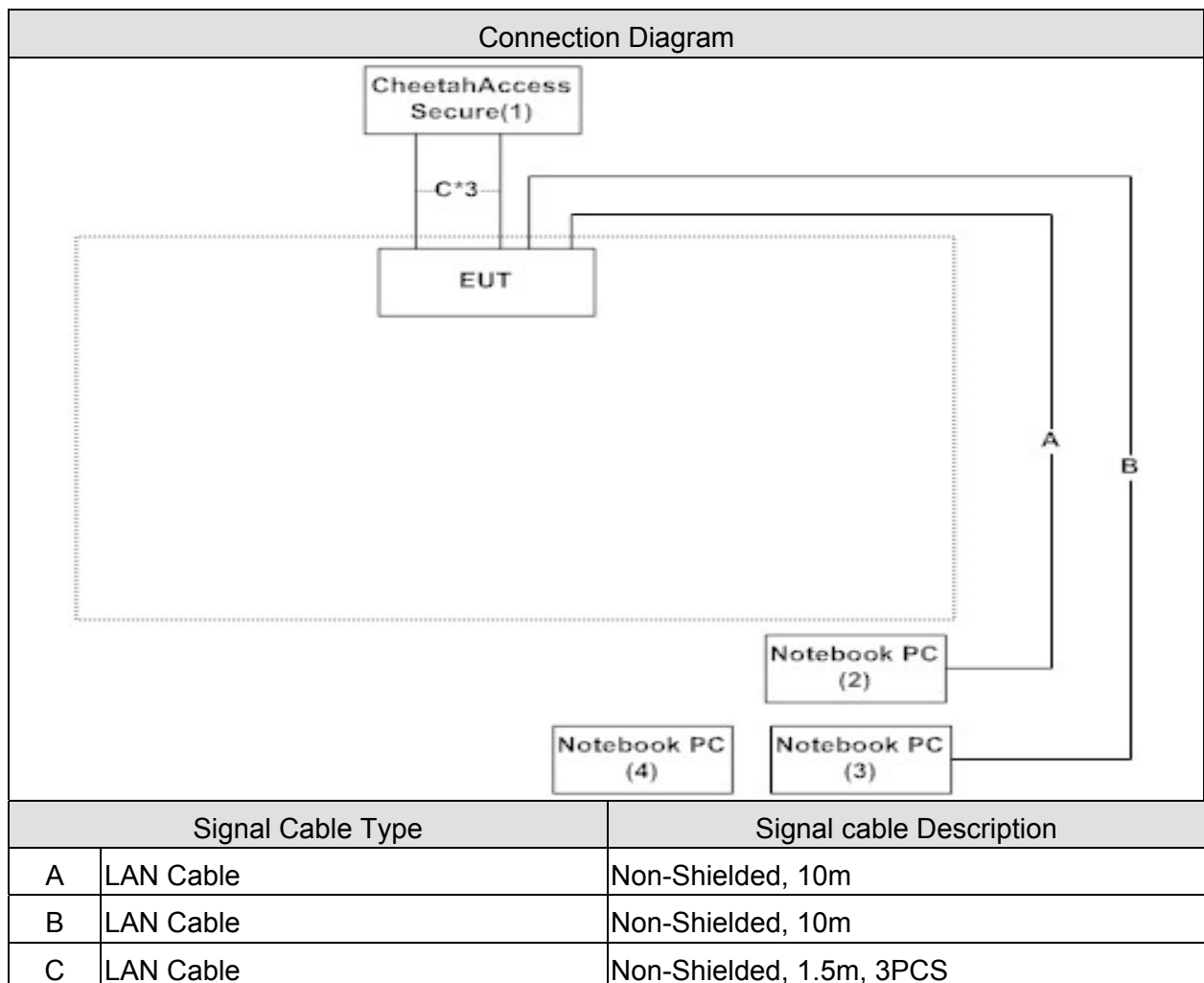
Test Items	Mode1 / Mode 2	Channel	Antenna	Result
Conducted Emission	b/g/11n(20MHz)/11n(40MHz)	6	A	Complies
Peak Power Output	b/g	1 /6/ 11	A	Complies
	11n-MCS7(20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies
Radiated Emission	b/g	1 /6/ 11	A	Complies
	11n-MCS7(20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies
RF antenna conducted test	b/g	1 /6/ 11	A	Complies
	11n-MCS7 (20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies
Radiated Emission Band Edge	b/g	1 /6/ 11	A	Complies
	11n-MCS7 (20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies
Occupied Bandwidth	b/g	1 /6/ 11	A	Complies
	11n-MCS7 (20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies
Power Density	b/g	1 /6/ 11	A	Complies
	11n-MCS7 (20MHz)	1 /6/ 11	A	Complies
	11n-MCS7 (40MHz)	3 /6/ 9	A	Complies

1.4. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Cheetah Access Secure	Accton	AC-IG1104	N/A	DoC	Non-shielded, 1.8m
2	Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-shielded, 1.7m, a ferrite core bonded
3	Notebook PC	DELL	LATITUDE D400	HK43D1S	DoC	Non-shielded, 1.7m, rite core bonded
4	Notebook PC	DELL	Latitude 610	N/A	DoC	Non-shielded, 1.7m, a ferrite core bonded

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will communicate by connecting to LAN port of Notebook PC.
5	The Notebook PC 's monitor will show the transmitting and receiving characteristics when the communication is success.
6	Repeat the above procedure (4) to (5).

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	23.5
Humidity (%RH)		25 - 75	53
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520



Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2010



Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2009



Site Name: Quietek Corporation
Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

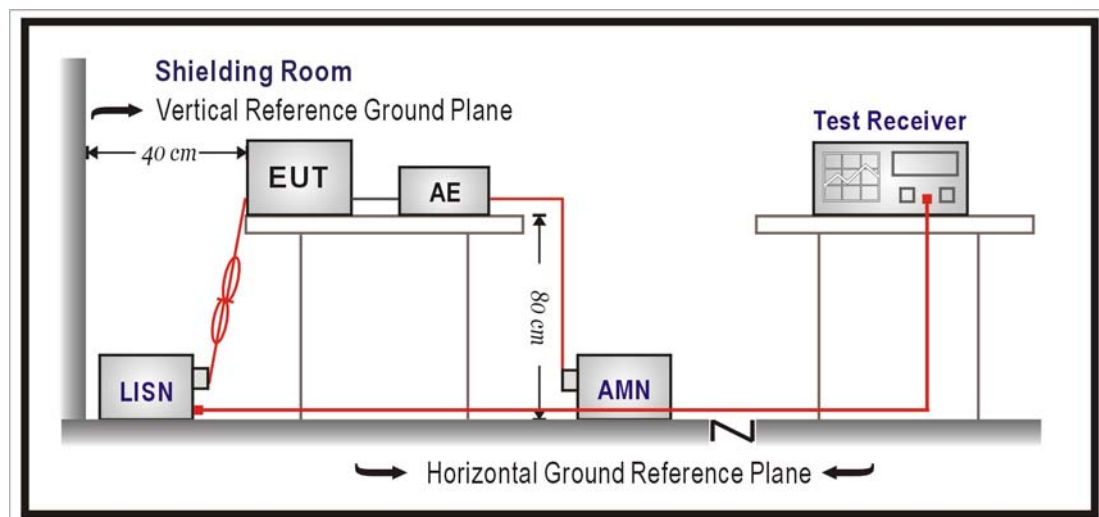
The following test equipments are used during the test:

Conducted Emission / SR2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
4-Wire ISN	R & S	ENY 41	837032/001	2008/04/15
Artificial Mains Network	R & S	ENV4200	848411/010	2009/03/13
Double 2-Wire ISN	R & S	ENY 22	835354/008	2008/04/15
LISN	R & S	ESH3-Z5	825562/002	2009/03/31
Pulse Limiter	R & S	ZSH3Z2	357.8810.54	2008/07/19
Test Receiver	R & S	ESCS 30	100122	2009/02/21

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup and tested according to ANSI C63.4, 2003.

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Specification

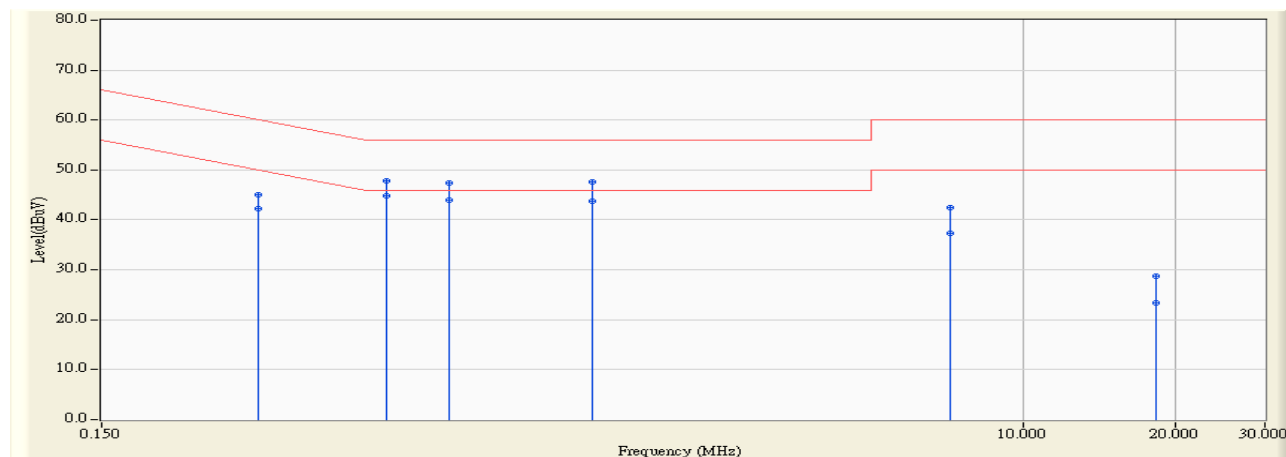
According to FCC Part 15 Subpart C Paragraph 15.207: 2008

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	Time : 2009/04/01 - 09:44
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-B

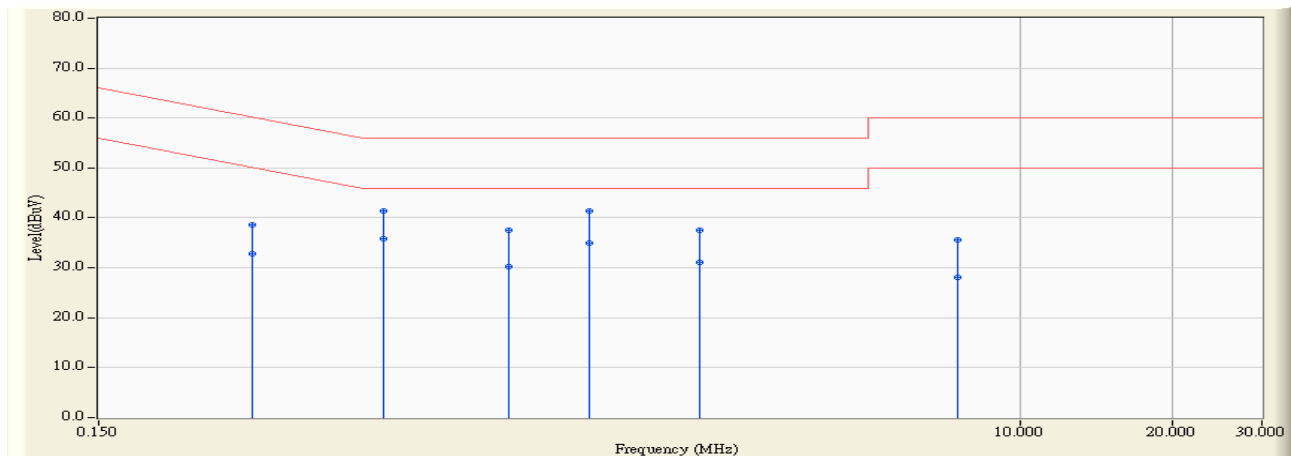


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.306	9.716	35.260	44.975	-15.096	60.072	QUASIPeAK
2		0.306	9.716	32.580	42.295	-7.776	50.072	AVERAGE
3		0.548	9.820	37.910	47.730	-8.270	56.000	QUASIPeAK
4	*	0.548	9.820	34.900	44.720	-1.280	46.000	AVERAGE
5		0.732	9.820	37.590	47.410	-8.590	56.000	QUASIPeAK
6		0.732	9.820	34.190	44.010	-1.990	46.000	AVERAGE
7		1.401	9.816	37.780	47.596	-8.404	56.000	QUASIPeAK
8		1.401	9.816	33.980	43.796	-2.204	46.000	AVERAGE
9		7.135	9.947	32.500	42.448	-17.552	60.000	QUASIPeAK
10		7.135	9.947	27.280	37.228	-12.772	50.000	AVERAGE
11		18.244	10.250	18.430	28.680	-31.320	60.000	QUASIPeAK
12		18.244	10.250	13.050	23.300	-26.700	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 09:48
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-B

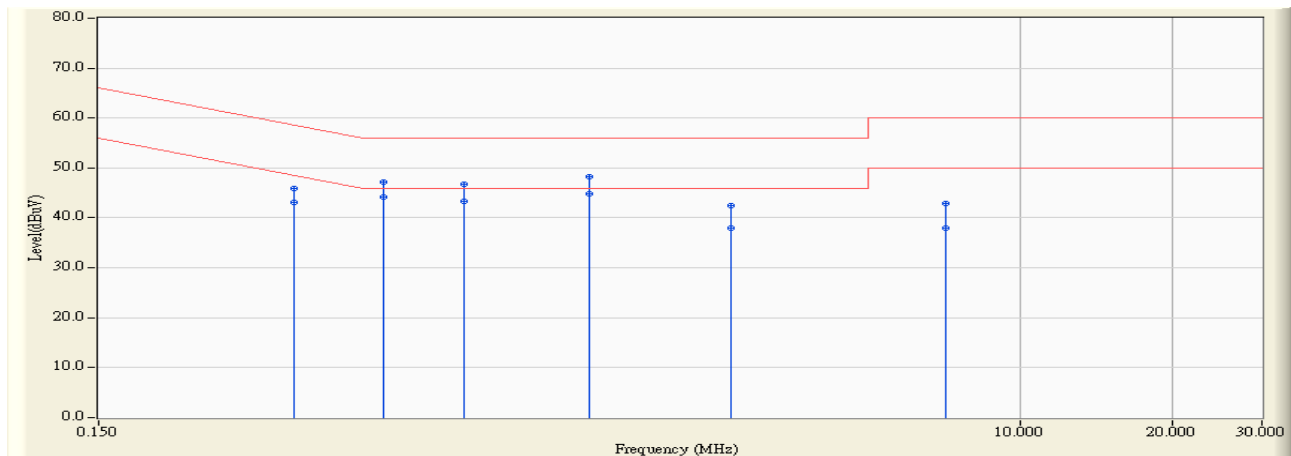


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.302	9.723	28.980	38.703	-21.475	60.178	QUASIPeAK
2		0.302	9.723	23.060	32.783	-17.395	50.178	AVERAGE
3		0.548	9.810	31.680	41.490	-14.510	56.000	QUASIPeAK
4	*	0.548	9.810	26.080	35.890	-10.110	46.000	AVERAGE
5		0.969	9.810	27.830	37.640	-18.360	56.000	QUASIPeAK
6		0.969	9.810	20.500	30.310	-15.690	46.000	AVERAGE
7		1.400	9.818	31.480	41.298	-14.702	56.000	QUASIPeAK
8		1.400	9.818	25.050	34.868	-11.132	46.000	AVERAGE
9		2.314	9.831	27.610	37.441	-18.559	56.000	QUASIPeAK
10		2.314	9.831	21.170	31.001	-14.999	46.000	AVERAGE
11		7.525	9.986	25.540	35.526	-24.474	60.000	QUASIPeAK
12		7.525	9.986	18.160	28.146	-21.854	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 09:52
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-G

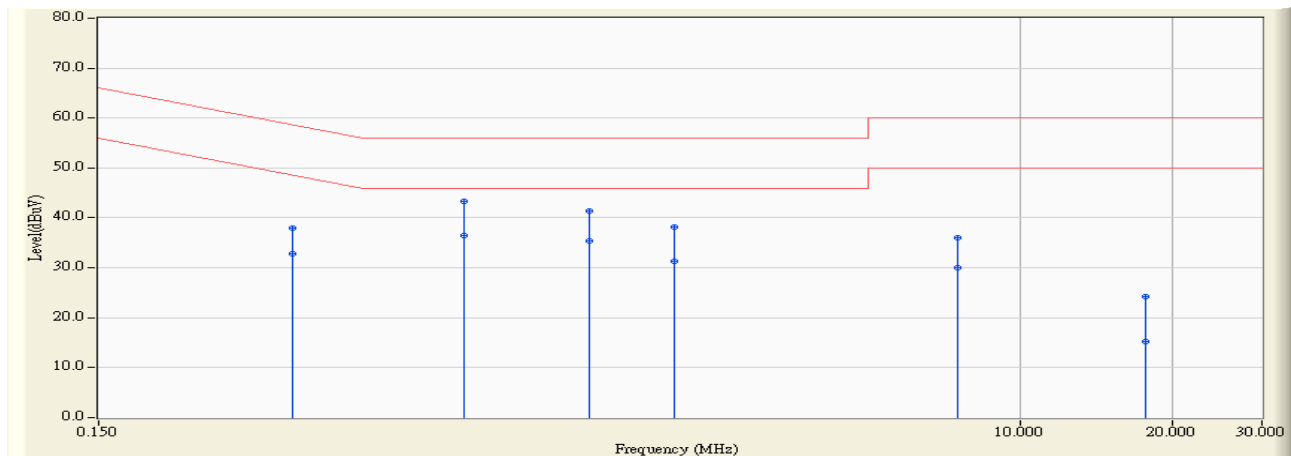


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.365	9.747	36.150	45.897	-12.721	58.617	QUASIPeAK
2		0.365	9.747	33.310	43.057	-5.561	48.617	AVERAGE
3		0.548	9.820	37.340	47.160	-8.840	56.000	QUASIPeAK
4		0.548	9.820	34.310	44.130	-1.870	46.000	AVERAGE
5		0.791	9.820	36.870	46.690	-9.310	56.000	QUASIPeAK
6		0.791	9.820	33.590	43.410	-2.590	46.000	AVERAGE
7		1.400	9.816	38.350	48.166	-7.834	56.000	QUASIPeAK
8	*	1.400	9.816	34.920	44.736	-1.264	46.000	AVERAGE
9		2.677	9.819	32.660	42.479	-13.521	56.000	QUASIPeAK
10		2.677	9.819	28.090	37.909	-8.091	46.000	AVERAGE
11		7.124	9.947	32.850	42.797	-17.203	60.000	QUASIPeAK
12		7.124	9.947	28.040	37.987	-12.013	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 09:57
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-G

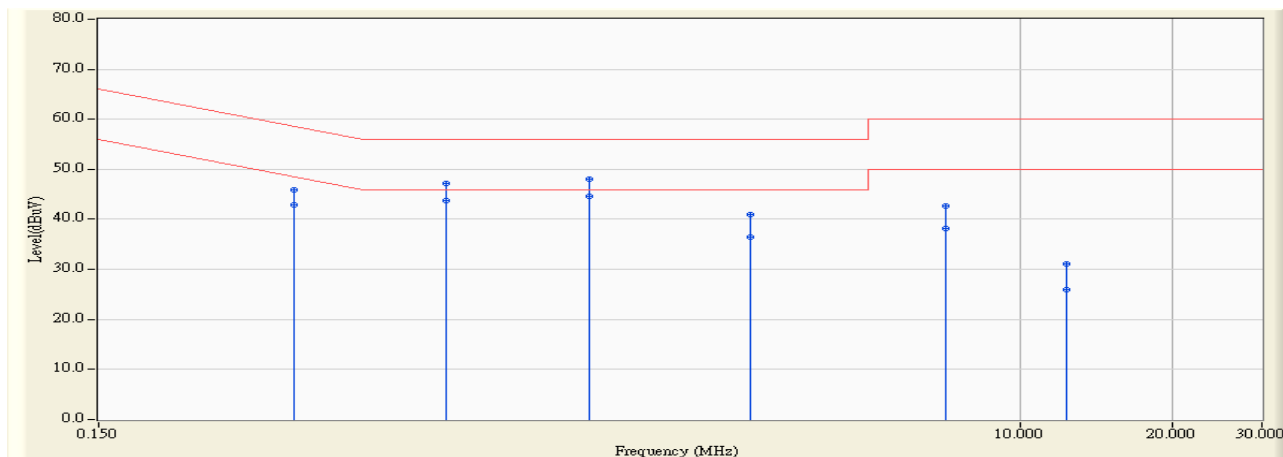


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.362	9.750	28.300	38.049	-20.625	58.675	QUASIPeAK
2		0.362	9.750	23.170	32.919	-15.755	48.675	AVERAGE
3		0.791	9.810	33.540	43.350	-12.650	56.000	QUASIPeAK
4	*	0.791	9.810	26.610	36.420	-9.580	46.000	AVERAGE
5		0.791	9.810	33.600	43.410	-12.590	56.000	QUASIPeAK
6		1.400	9.818	31.580	41.398	-14.602	56.000	QUASIPeAK
7		1.400	9.818	25.590	35.408	-10.592	46.000	AVERAGE
8		2.068	9.830	28.360	38.190	-17.810	56.000	QUASIPeAK
9		2.068	9.830	21.580	31.410	-14.590	46.000	AVERAGE
10		7.517	9.986	26.090	36.076	-23.924	60.000	QUASIPeAK
11		7.517	9.986	20.050	30.036	-19.964	50.000	AVERAGE
12		17.689	10.328	13.840	24.169	-35.831	60.000	QUASIPeAK
13		17.689	10.328	4.800	15.129	-34.871	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:02
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-N(20M)

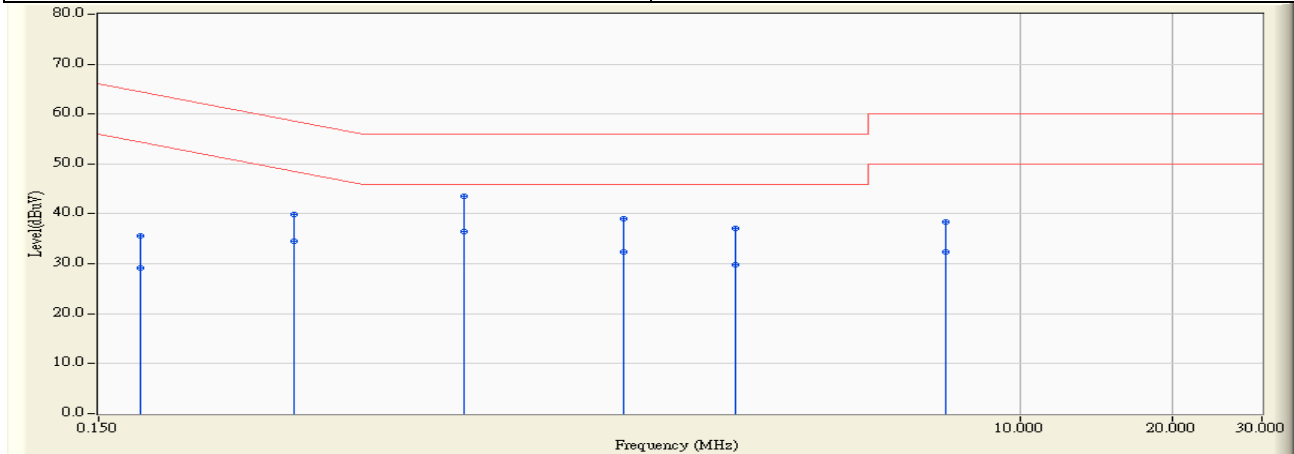


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.365	9.747	36.050	45.797	-12.821	58.617	QUASIPeAK
2		0.365	9.747	33.190	42.937	-5.681	48.617	AVERAGE
3		0.728	9.820	37.290	47.110	-8.890	56.000	QUASIPeAK
4		0.728	9.820	33.890	43.710	-2.290	46.000	AVERAGE
5		1.397	9.816	38.270	48.086	-7.914	56.000	QUASIPeAK
6	*	1.397	9.816	34.810	44.626	-1.374	46.000	AVERAGE
7		2.917	9.822	31.200	41.022	-14.978	56.000	QUASIPeAK
8		2.917	9.822	26.710	36.532	-9.468	46.000	AVERAGE
9		7.119	9.947	32.810	42.757	-17.243	60.000	QUASIPeAK
10		7.119	9.947	28.160	38.107	-11.893	50.000	AVERAGE
11		12.295	10.111	21.010	31.121	-28.879	60.000	QUASIPeAK
12		12.295	10.111	15.820	25.931	-24.069	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:05
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-N(20M)

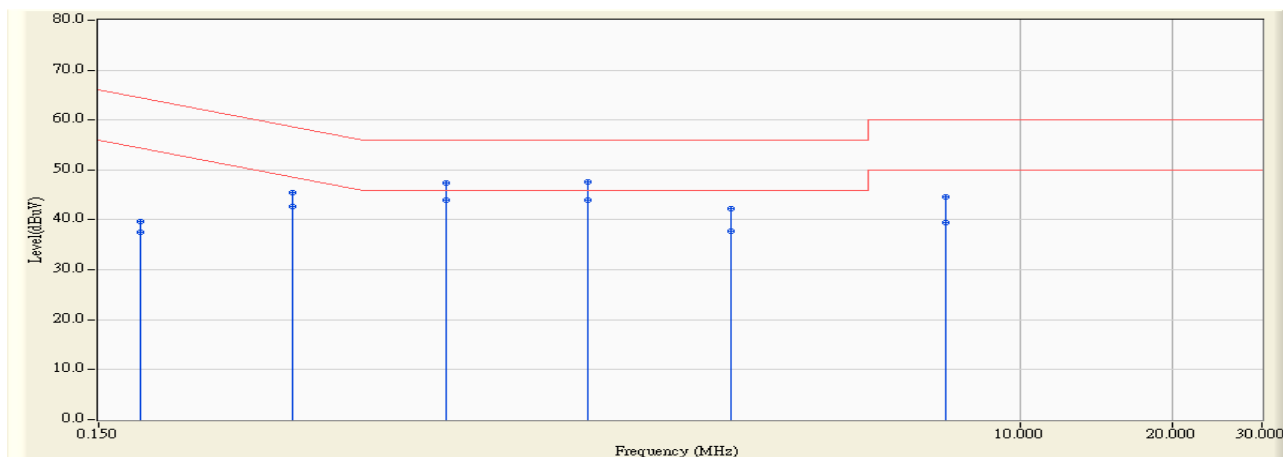


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.699	25.890	35.589	-28.839	64.428	QUASIPeAK
2		0.181	9.699	19.390	29.089	-25.339	54.428	AVERAGE
3		0.365	9.750	30.130	39.880	-18.737	58.617	QUASIPeAK
4		0.365	9.750	24.800	34.550	-14.067	48.617	AVERAGE
5		0.791	9.810	33.800	43.610	-12.390	56.000	QUASIPeAK
6	*	0.791	9.810	26.740	36.550	-9.450	46.000	AVERAGE
7		1.638	9.823	29.160	38.983	-17.017	56.000	QUASIPeAK
8		1.638	9.823	22.470	32.293	-13.707	46.000	AVERAGE
9		2.736	9.832	27.180	37.012	-18.988	56.000	QUASIPeAK
10		2.736	9.832	19.910	29.742	-16.258	46.000	AVERAGE
11		7.115	9.966	28.480	38.446	-21.554	60.000	QUASIPeAK
12		7.115	9.966	22.490	32.456	-17.544	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:09
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-N(40M)

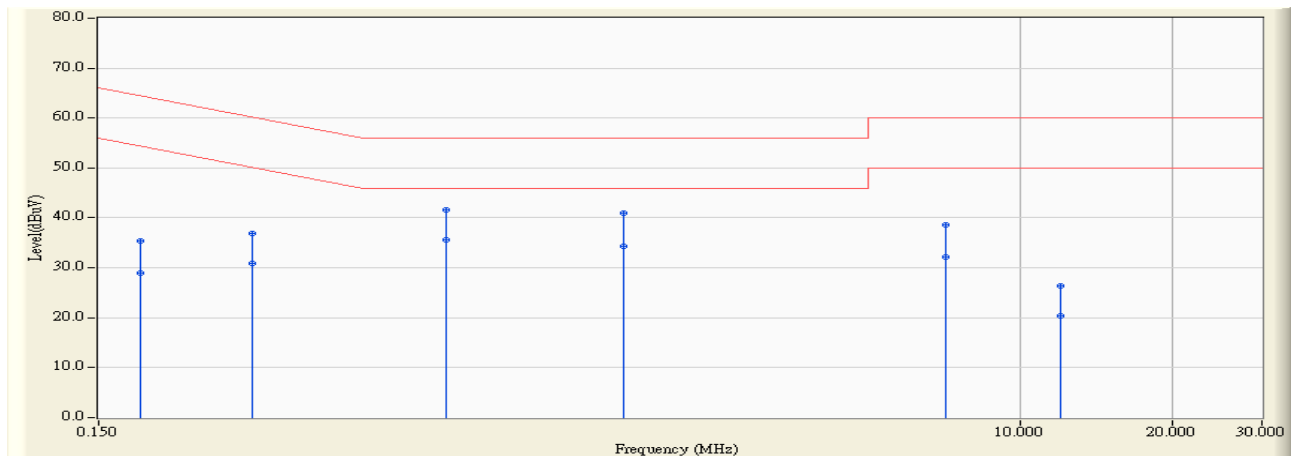


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.655	30.130	39.785	-24.643	64.428	QUASIPeAK
2		0.181	9.655	27.930	37.585	-16.843	54.428	AVERAGE
3		0.364	9.747	35.820	45.566	-13.076	58.642	QUASIPeAK
4		0.364	9.747	33.000	42.746	-5.896	48.642	AVERAGE
5		0.728	9.820	37.550	47.370	-8.630	56.000	QUASIPeAK
6		0.728	9.820	34.070	43.890	-2.110	46.000	AVERAGE
7		1.396	9.816	37.780	47.596	-8.404	56.000	QUASIPeAK
8	*	1.396	9.816	34.100	43.916	-2.084	46.000	AVERAGE
9		2.673	9.819	32.540	42.359	-13.641	56.000	QUASIPeAK
10		2.673	9.819	28.030	37.849	-8.151	46.000	AVERAGE
11		7.111	9.946	34.560	44.506	-15.494	60.000	QUASIPeAK
12		7.111	9.946	29.440	39.386	-10.614	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:13
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 1: Transmit (CF0605-B)-N(40M)

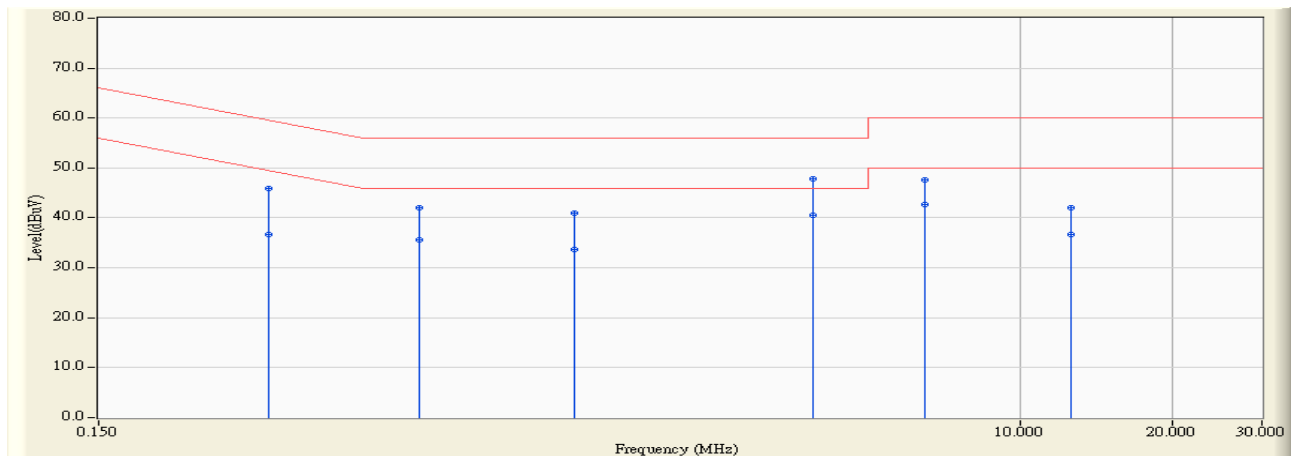


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.699	25.630	35.329	-29.099	64.428	QUASIPeAK
2		0.181	9.699	19.150	28.849	-25.579	54.428	AVERAGE
3		0.301	9.723	27.130	36.853	-23.356	60.208	QUASIPeAK
4		0.301	9.723	21.150	30.873	-19.336	50.208	AVERAGE
5		0.728	9.810	31.810	41.620	-14.380	56.000	QUASIPeAK
6	*	0.728	9.810	25.700	35.510	-10.490	46.000	AVERAGE
7		1.640	9.823	31.210	41.033	-14.967	56.000	QUASIPeAK
8		1.640	9.823	24.600	34.423	-11.577	46.000	AVERAGE
9		7.111	9.965	28.710	38.676	-21.324	60.000	QUASIPeAK
10		7.111	9.965	22.310	32.276	-17.724	50.000	AVERAGE
11		11.959	10.130	16.170	26.300	-33.700	60.000	QUASIPeAK
12		11.959	10.130	10.210	20.340	-29.660	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:20
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-B

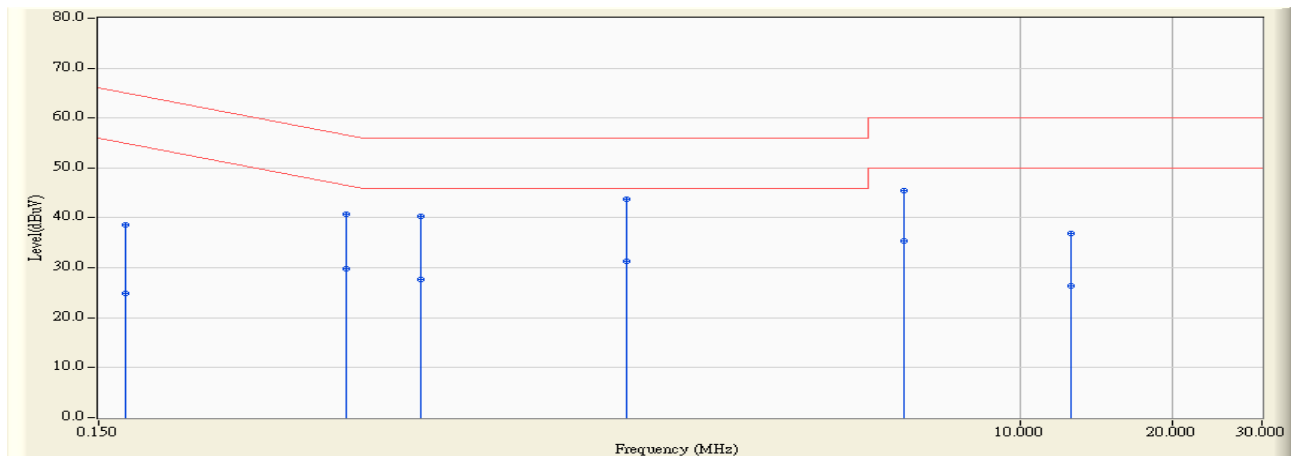


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.326	9.726	36.160	45.886	-13.672	59.558	QUASIPeAK
2		0.326	9.726	26.950	36.676	-12.882	49.558	AVERAGE
3		0.646	9.820	32.280	42.100	-13.900	56.000	QUASIPeAK
4		0.646	9.820	25.780	35.600	-10.400	46.000	AVERAGE
5		1.310	9.817	31.090	40.907	-15.093	56.000	QUASIPeAK
6		1.310	9.817	23.890	33.707	-12.293	46.000	AVERAGE
7		3.880	9.835	37.900	47.735	-8.265	56.000	QUASIPeAK
8	*	3.880	9.835	30.700	40.535	-5.465	46.000	AVERAGE
9		6.470	9.916	37.710	47.626	-12.374	60.000	QUASIPeAK
10		6.470	9.916	32.770	42.686	-7.314	50.000	AVERAGE
11		12.615	10.112	31.920	42.032	-17.968	60.000	QUASIPeAK
12		12.615	10.112	26.630	36.742	-13.258	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:23
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-B

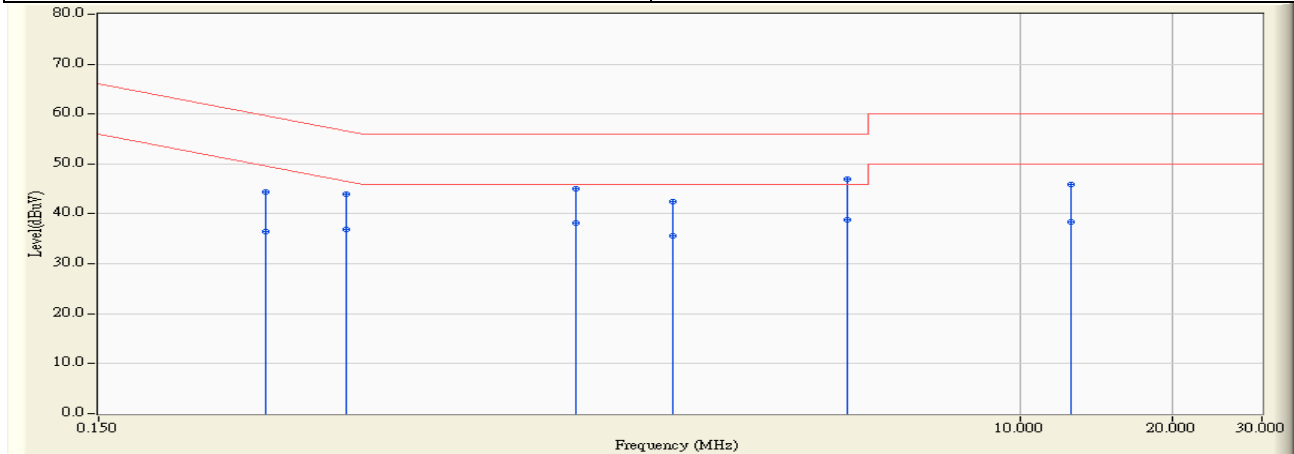


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.170	9.711	28.970	38.681	-26.302	64.983	QUASIPeAK
2		0.170	9.711	15.120	24.831	-30.152	54.983	AVERAGE
3		0.463	9.793	30.870	40.663	-15.984	56.648	QUASIPeAK
4		0.463	9.793	20.020	29.813	-16.834	46.648	AVERAGE
5		0.650	9.810	30.520	40.330	-15.670	56.000	QUASIPeAK
6		0.650	9.810	17.940	27.750	-18.250	46.000	AVERAGE
7	*	1.658	9.823	34.010	43.833	-12.167	56.000	QUASIPeAK
8		1.658	9.823	21.440	31.263	-14.737	46.000	AVERAGE
9		5.880	9.893	35.550	45.443	-14.557	60.000	QUASIPeAK
10		5.880	9.893	25.410	35.303	-14.697	50.000	AVERAGE
11		12.580	10.138	26.840	36.978	-23.022	60.000	QUASIPeAK
12		12.580	10.138	16.220	26.358	-23.642	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:30
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-G

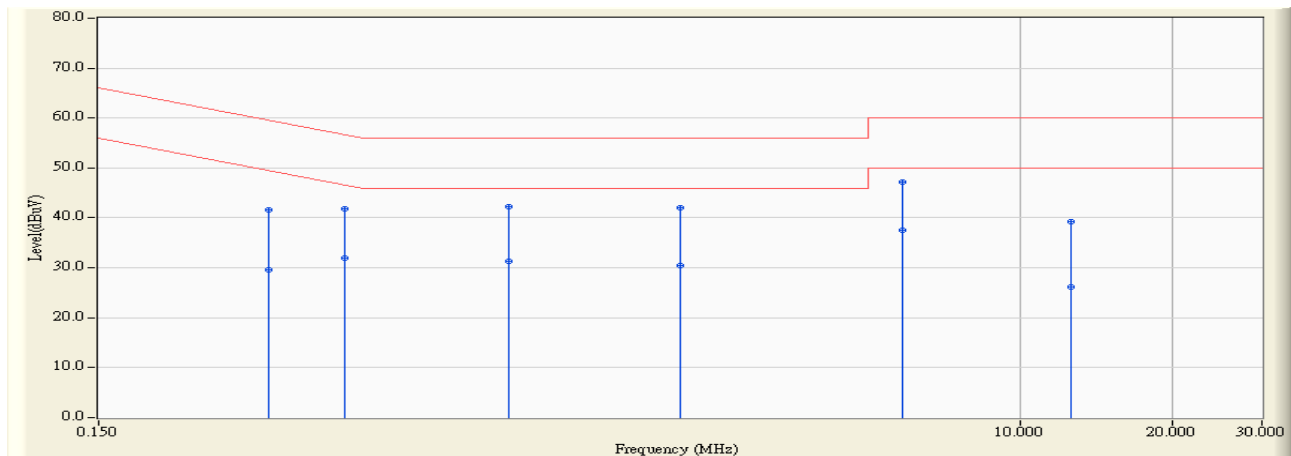


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.322	9.724	34.720	44.444	-15.215	59.658	QUASIPeAK
2		0.322	9.724	26.750	36.474	-13.185	49.658	AVERAGE
3		0.463	9.799	34.110	43.909	-12.738	56.648	QUASIPeAK
4		0.463	9.799	27.170	36.969	-9.678	46.648	AVERAGE
5		1.318	9.817	35.170	44.987	-11.013	56.000	QUASIPeAK
6		1.318	9.817	28.330	38.147	-7.853	46.000	AVERAGE
7		2.053	9.811	32.690	42.501	-13.499	56.000	QUASIPeAK
8		2.053	9.811	25.710	35.521	-10.479	46.000	AVERAGE
9		4.525	9.844	37.020	46.864	-9.136	56.000	QUASIPeAK
10	*	4.525	9.844	28.990	38.834	-7.166	46.000	AVERAGE
11		12.607	10.112	35.880	45.992	-14.008	60.000	QUASIPeAK
12		12.607	10.112	28.370	38.482	-11.518	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:33
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-G

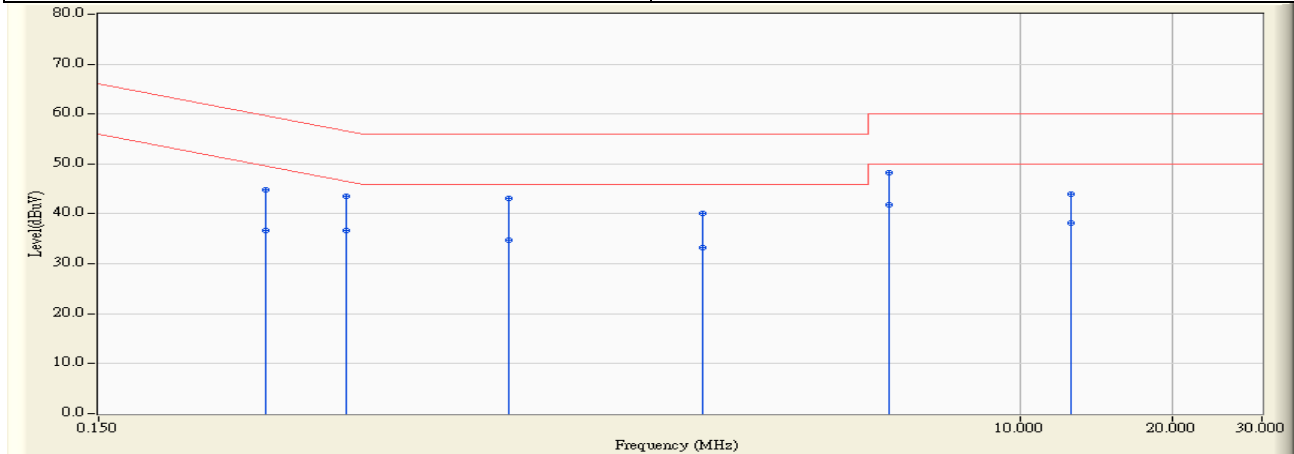


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.326	9.733	31.850	41.583	-17.975	59.558	QUASIPeAK
2		0.326	9.733	19.760	29.493	-20.065	49.558	AVERAGE
3		0.459	9.792	32.130	41.921	-14.797	56.718	QUASIPeAK
4		0.459	9.792	22.140	31.931	-14.787	46.718	AVERAGE
5		0.974	9.810	32.510	42.320	-13.680	56.000	QUASIPeAK
6		0.974	9.810	21.600	31.410	-14.590	46.000	AVERAGE
7		2.119	9.830	32.190	42.020	-13.980	56.000	QUASIPeAK
8		2.119	9.830	20.630	30.460	-15.540	46.000	AVERAGE
9		5.818	9.889	37.320	47.209	-12.791	60.000	QUASIPeAK
10	*	5.818	9.889	27.720	37.609	-12.391	50.000	AVERAGE
11		12.598	10.138	29.040	39.178	-20.822	60.000	QUASIPeAK
12		12.598	10.138	16.010	26.148	-23.852	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:36
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(20M)

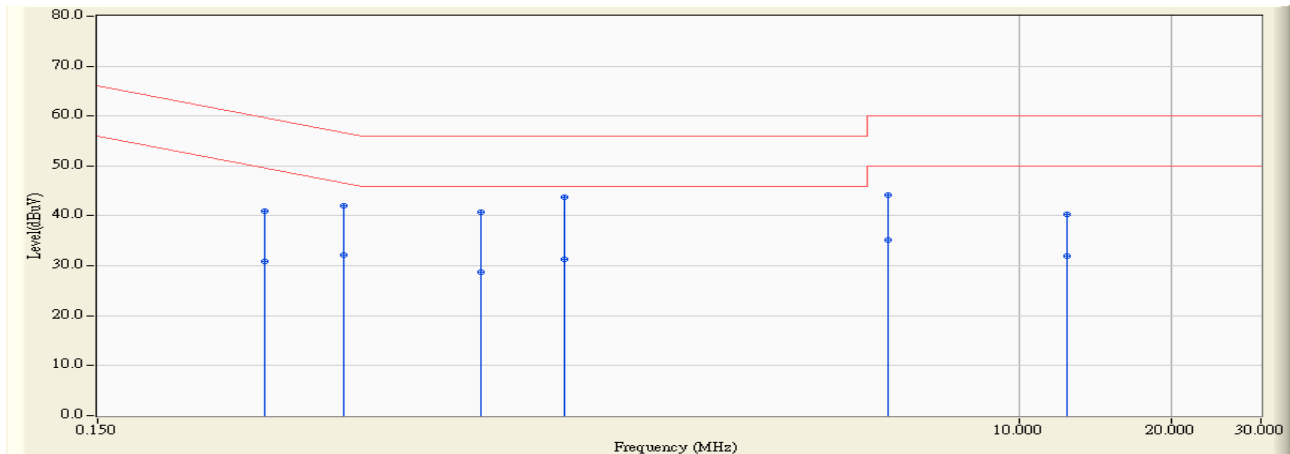


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.322	9.724	35.080	44.804	-14.855	59.658	QUASIPeAK
2		0.322	9.724	27.010	36.734	-12.925	49.658	AVERAGE
3		0.464	9.800	33.740	43.540	-13.088	56.628	QUASIPeAK
4		0.464	9.800	26.850	36.650	-9.978	46.628	AVERAGE
5		0.970	9.820	33.250	43.070	-12.930	56.000	QUASIPeAK
6		0.970	9.820	24.890	34.710	-11.290	46.000	AVERAGE
7		2.349	9.815	30.250	40.065	-15.935	56.000	QUASIPeAK
8		2.349	9.815	23.510	33.325	-12.675	46.000	AVERAGE
9		5.494	9.872	38.370	48.242	-11.758	60.000	QUASIPeAK
10	*	5.494	9.872	31.870	41.742	-8.258	50.000	AVERAGE
11		12.603	10.112	33.900	44.012	-15.988	60.000	QUASIPeAK
12		12.603	10.112	28.160	38.272	-11.728	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:39
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(20M)

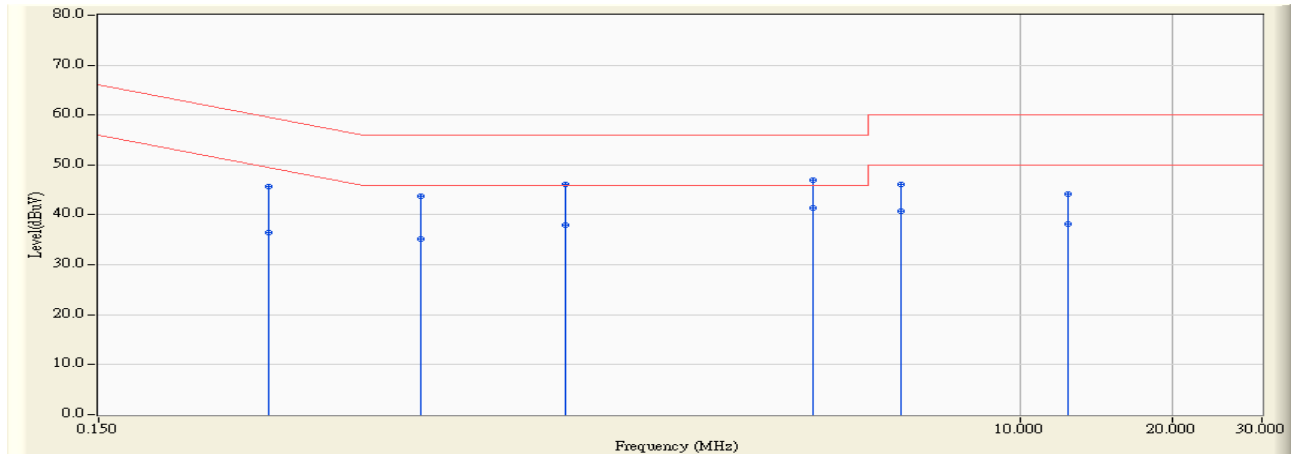


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.322	9.732	31.280	41.012	-18.647	59.658	QUASIPeAK
2		0.322	9.732	21.070	30.802	-18.857	49.658	AVERAGE
3		0.459	9.792	32.230	42.021	-14.697	56.718	QUASIPeAK
4		0.459	9.792	22.410	32.201	-14.517	46.718	AVERAGE
5		0.857	9.810	30.950	40.760	-15.240	56.000	QUASIPeAK
6		0.857	9.810	18.970	28.780	-17.220	46.000	AVERAGE
7	*	1.259	9.815	33.950	43.765	-12.235	56.000	QUASIPeAK
8		1.259	9.815	21.470	31.285	-14.715	46.000	AVERAGE
9		5.489	9.870	34.260	44.129	-15.871	60.000	QUASIPeAK
10		5.489	9.870	25.260	35.129	-14.871	50.000	AVERAGE
11		12.384	10.135	30.130	40.265	-19.735	60.000	QUASIPeAK
12		12.384	10.135	21.910	32.045	-17.955	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:44
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(40M)

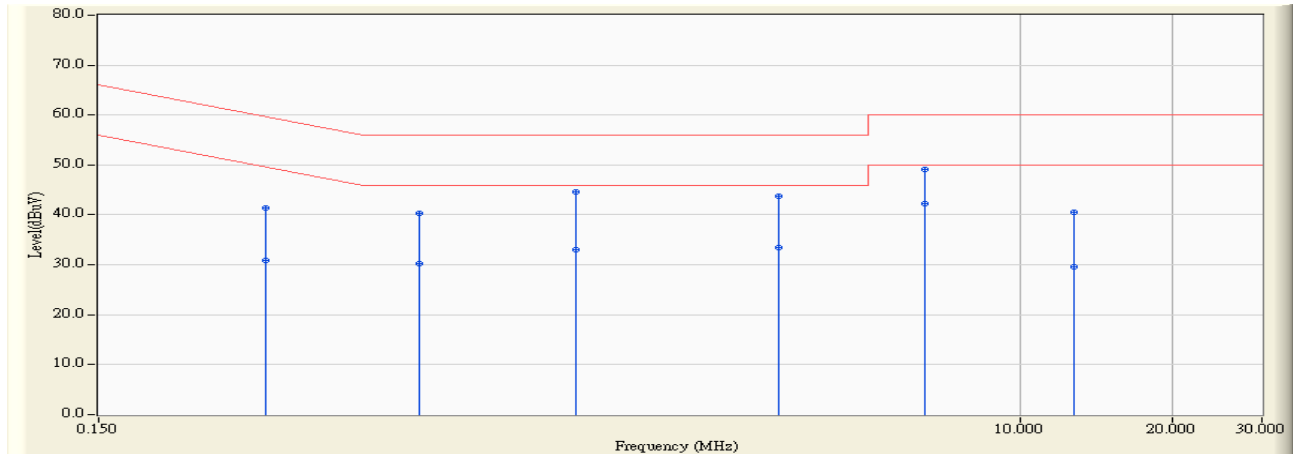


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.326	9.726	36.040	45.766	-13.792	59.558	QUASIPeAK
2		0.326	9.726	26.750	36.476	-13.082	49.558	AVERAGE
3		0.650	9.820	33.930	43.750	-12.250	56.000	QUASIPeAK
4		0.650	9.820	25.260	35.080	-10.920	46.000	AVERAGE
5		1.259	9.817	36.340	46.157	-9.843	56.000	QUASIPeAK
6		1.259	9.817	28.050	37.867	-8.133	46.000	AVERAGE
7		3.877	9.835	37.180	47.015	-8.985	56.000	QUASIPeAK
8	*	3.877	9.835	31.660	41.495	-4.505	46.000	AVERAGE
9		5.814	9.887	36.240	46.127	-13.873	60.000	QUASIPeAK
10		5.814	9.887	30.780	40.667	-9.333	50.000	AVERAGE
11		12.388	10.111	34.090	44.201	-15.799	60.000	QUASIPeAK
12		12.388	10.111	28.080	38.191	-11.809	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2	Time : 2009/04/01 - 10:47
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(40M)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.322	9.732	31.730	41.462	-18.197	59.658	QUASPEAK
2		0.322	9.732	21.260	30.992	-18.667	49.658	AVERAGE
3		0.646	9.810	30.420	40.230	-15.770	56.000	QUASPEAK
4		0.646	9.810	20.470	30.280	-15.720	46.000	AVERAGE
5		1.318	9.816	34.690	44.506	-11.494	56.000	QUASPEAK
6		1.318	9.816	23.320	33.136	-12.864	46.000	AVERAGE
7		3.326	9.834	34.020	43.854	-12.146	56.000	QUASPEAK
8		3.326	9.834	23.670	33.504	-12.496	46.000	AVERAGE
9		6.459	9.927	39.210	49.137	-10.863	60.000	QUASPEAK
10	*	6.459	9.927	32.230	42.157	-7.843	50.000	AVERAGE
11		12.787	10.141	30.360	40.501	-19.499	60.000	QUASPEAK
12		12.787	10.141	19.550	29.691	-20.309	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3. Peak Power Output

3.1. Test Equipment

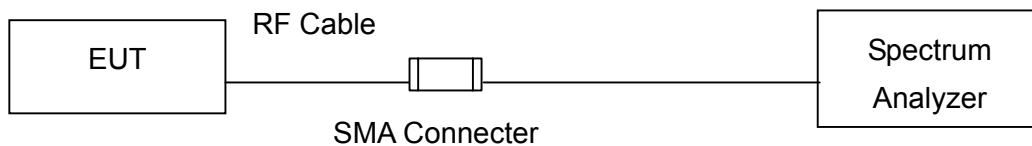
The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

3.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



3.3. Test procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.6. Test Result

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.91	1Watt= 30 dBm	Pass
6	2437	19.76	1Watt= 30 dBm	Pass
11	2462	19.39	1Watt= 30 dBm	Pass

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1 Mbps	2Mbps	5.5Mbps	11Mbps	
1	2412.00	19.39	19.52	19.61	19.91	1Watt= 30 dBm
6	2437.00	19.71	19.36	19.41	19.76	1Watt= 30 dBm
11	2462.00	18.90	19.12	19.11	19.39	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.52	1Watt= 30 dBm	Pass
6	2437	23.40	1Watt= 30 dBm	Pass
11	2462	23.75	1Watt= 30 dBm	Pass

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps	
1	2412.00	23.52	23.33	23.21	23.23	23.21	23.16	23.14	23.20	1Watt= 30 dBm
6	2437.00	23.40	23.21	23.26	23.19	23.29	23.30	23.24	23.27	1Watt= 30 dBm
11	2462.00	23.75	23.52	23.42	23.58	23.53	23.42	23.48	23.61	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11n 20MHz_Tx

The worst emission of data rate is 6.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	23.29	23.25	23.21	23.19	23.17	23.15	23.18	23.20	30dBm
6	2437	23.18	23.16	23.14	23.12	23.11	23.09	23.04	23.12	30dBm
11	2462	22.83	22.80	22.78	22.69	22.57	22.49	22.50	22.43	30dBm

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11n MCS7 20MHz_Tx ; ANT A				
Channel No.	Frequency (MHz)	Measure Level	Limit (dBm)	Result
		(dBm)		
1	2412	23.29	1Watt= 30 dBm	Pass
6	2437	23.18	1Watt= 30 dBm	Pass
11	2462	22.83	1Watt= 30 dBm	Pass

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE802.11n 40MHz_Tx

The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	22.78	26	39	52	58.5	65	
3	2422	22.38	22.30	22.19	22.15	22.12	22.10	22.08	22.15	30dBm
6	2437	22.54	22.51	22.36	22.27	22.24	22.30	22.27	22.18	30dBm
9	2452	22.48	22.45	22.40	22.36	22.31	22.26	21.96	22.25	30dBm

Product	Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE802.11n ;MCS7 40MHz_Tx ; ANT A				
Channel No.	Frequency (MHz)	Measure Level	Limit (dBm)	Result
		(dBm)		
3	2422	22.38	1Watt= 30 dBm	Pass
6	2437	22.54	1Watt= 30 dBm	Pass
9	2452	22.48	1Watt= 30 dBm	Pass

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

Radiated Emission / Site1

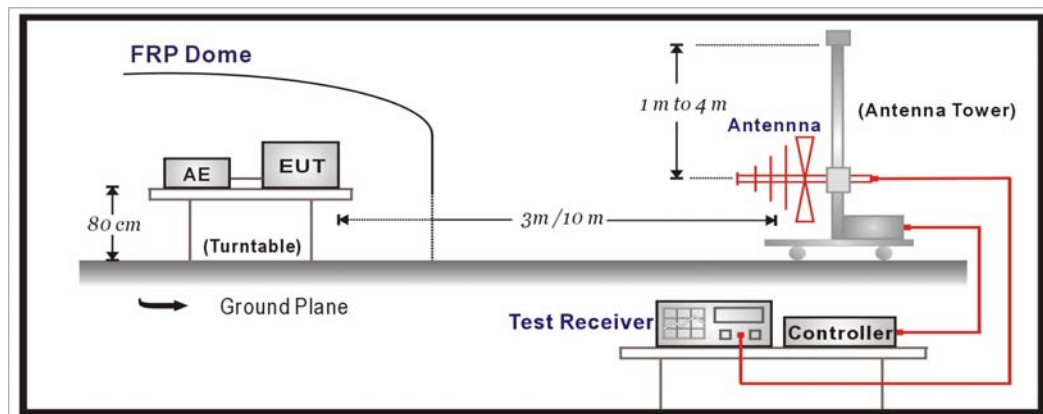
Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2895	2008/09/03
Horn Antenna	Electro Metrics	EM-6961	103325	2009/03/15
Pre-Amplifier	HP	8449B	3008A01123	2008/11/15
Pre-Amplifier	Quietek	AP-025C	N/A	N/A
Spectrum Analyzer	R & S	FSP40	100005	2008/08/25
Spectrum Analyzer	Advantest	R3162	120300649	2008/11/24
Test Receiver	R & S	ESCS 30	825442/017	2009/02/13

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

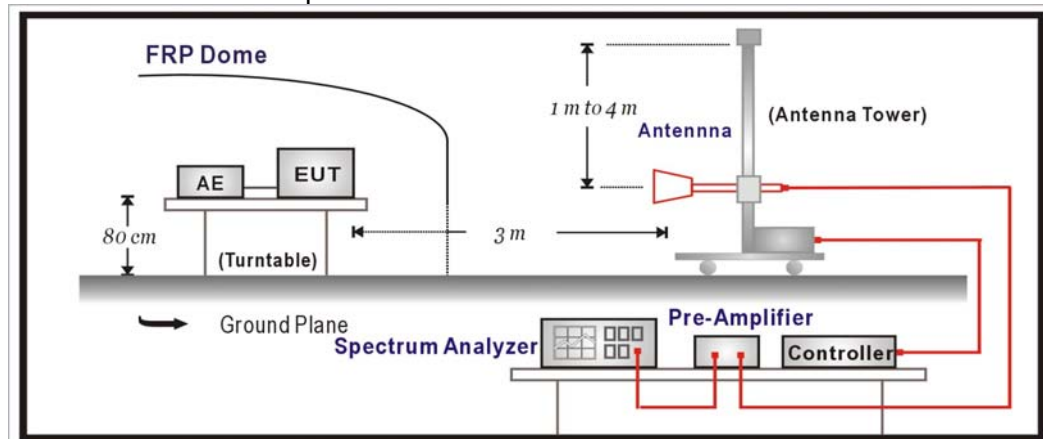
2. Last Cal showing "N/A" means it is used to Pre-test, not for final test.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	dBuV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

4.6. Uncertainty

The measurement uncertainty

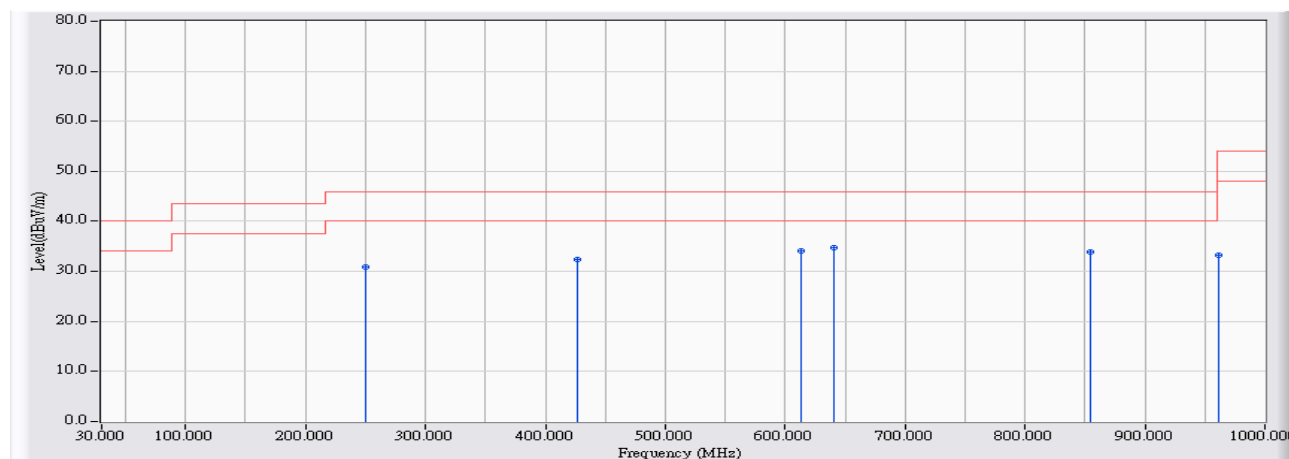
30MHz~1GHz as $\pm 3.19\text{dB}$

1GHz~26.5Ghz as $\pm 3.9\text{dB}$

4.7. Test Result

30MHz-1GHz Spurious

Site : Site 1	Time : 2009/04/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-B

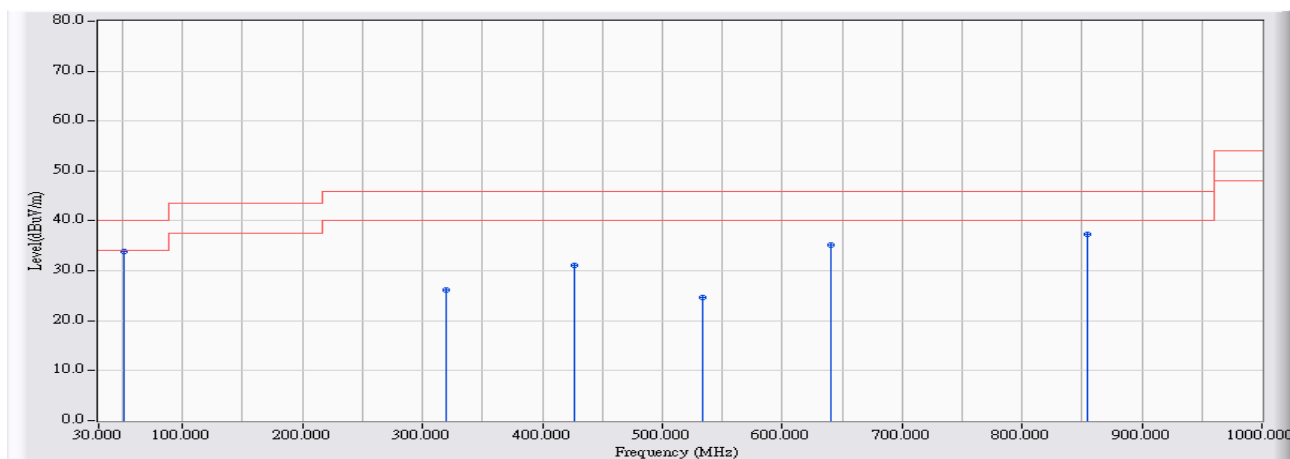


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	249.659	-12.789	43.689	30.900	-15.100	46.000	QUASIPeAK
2	426.553	-4.453	36.929	32.476	-13.524	46.000	QUASIPeAK
3	613.166	-2.261	36.460	34.199	-11.801	46.000	QUASIPeAK
4	* 640.381	-2.141	36.933	34.792	-11.208	46.000	QUASIPeAK
5	854.208	0.320	33.551	33.872	-12.128	46.000	QUASIPeAK
6	961.122	2.272	30.905	33.177	-20.823	54.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-B

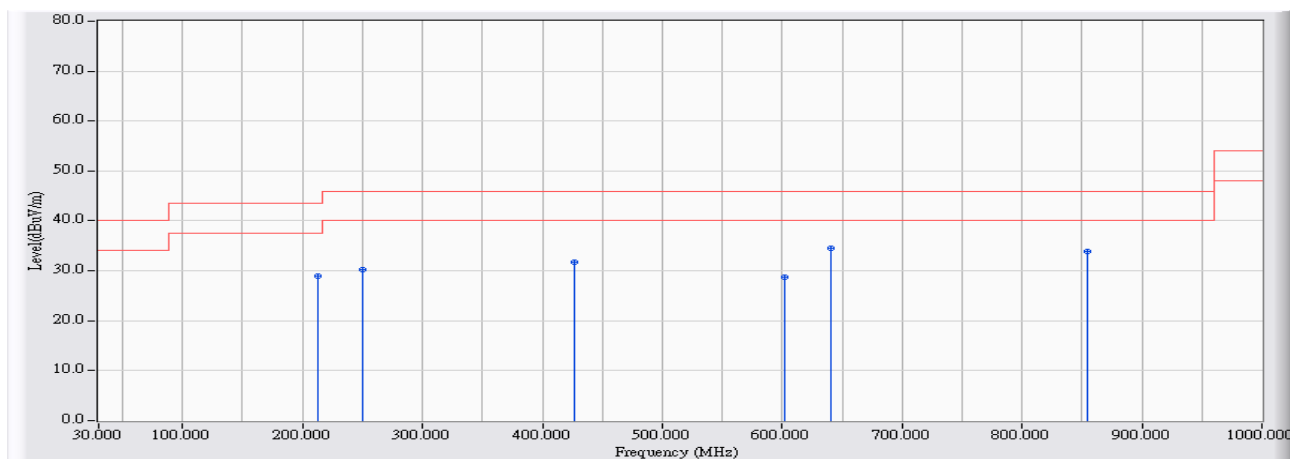


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	51.383	-13.931	47.776	33.845	-6.155	40.000	QUASIPeAK
2		319.639	-12.683	38.839	26.156	-19.844	46.000	QUASIPeAK
3		426.553	-5.233	36.240	31.006	-14.994	46.000	QUASIPeAK
4		533.467	-9.900	34.600	24.701	-21.299	46.000	QUASIPeAK
5		640.381	-2.769	38.046	35.277	-10.723	46.000	QUASIPeAK
6		854.208	-2.002	39.372	37.370	-8.630	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-G

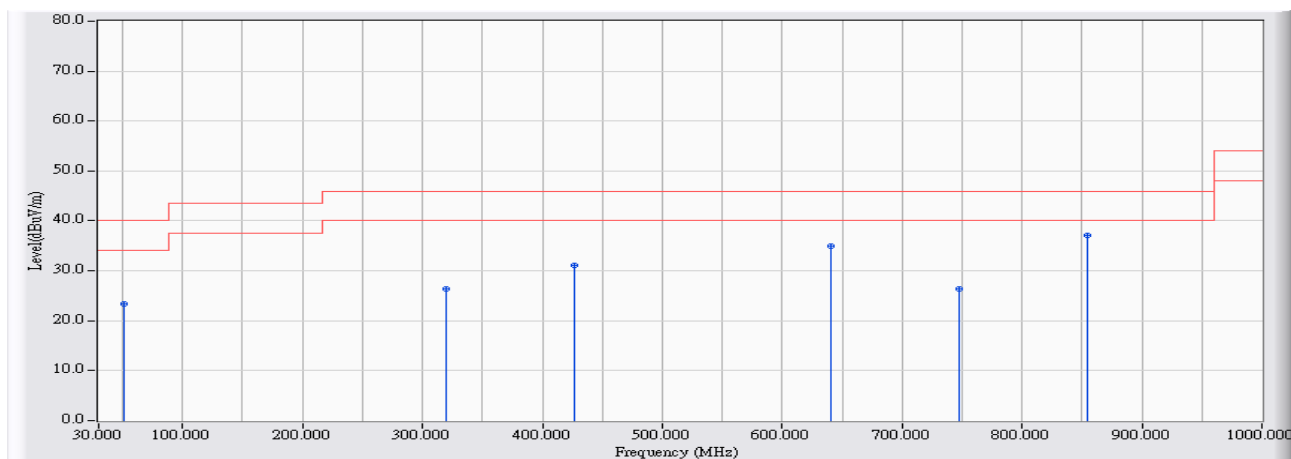


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		212.725	-14.629	43.671	29.042	-14.458	43.500	QUASIPeAK
2		249.659	-12.789	43.095	30.306	-15.694	46.000	QUASIPeAK
3		426.553	-4.453	36.262	31.809	-14.191	46.000	QUASIPeAK
4		601.503	-2.483	31.268	28.785	-17.215	46.000	QUASIPeAK
5	*	640.381	-2.141	36.736	34.595	-11.405	46.000	QUASIPeAK
6		854.208	0.320	33.588	33.909	-12.091	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-G

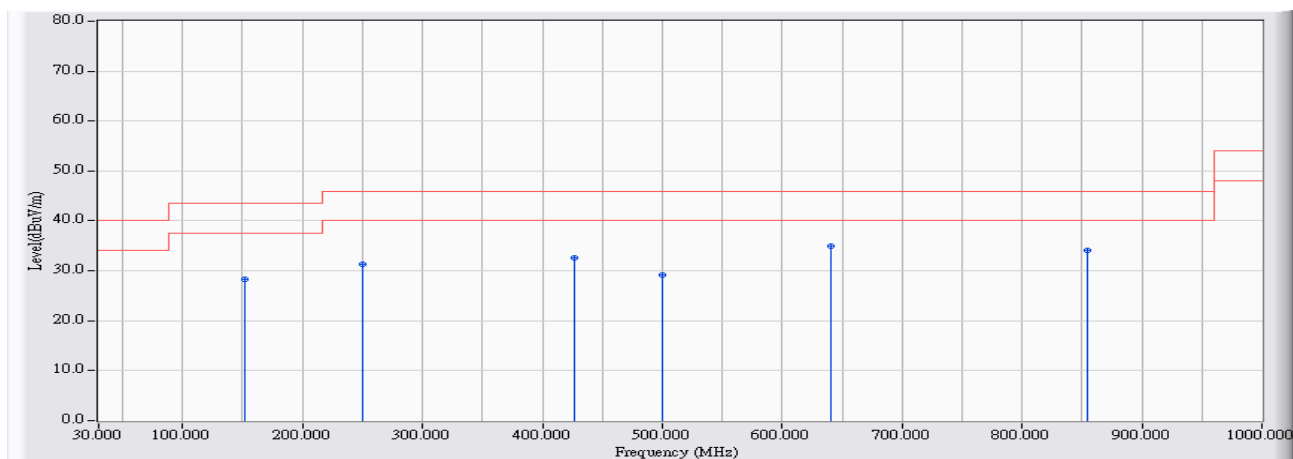


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		51.383	-13.931	37.312	23.381	-16.619	40.000	QUASIPeAK
2		319.639	-12.683	39.014	26.331	-19.669	46.000	QUASIPeAK
3		426.553	-5.233	36.348	31.114	-14.886	46.000	QUASIPeAK
4		640.381	-2.769	37.724	34.955	-11.045	46.000	QUASIPeAK
5		747.295	-4.792	31.172	26.380	-19.620	46.000	QUASIPeAK
6	*	854.208	-2.002	39.169	37.167	-8.833	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-N(20M)

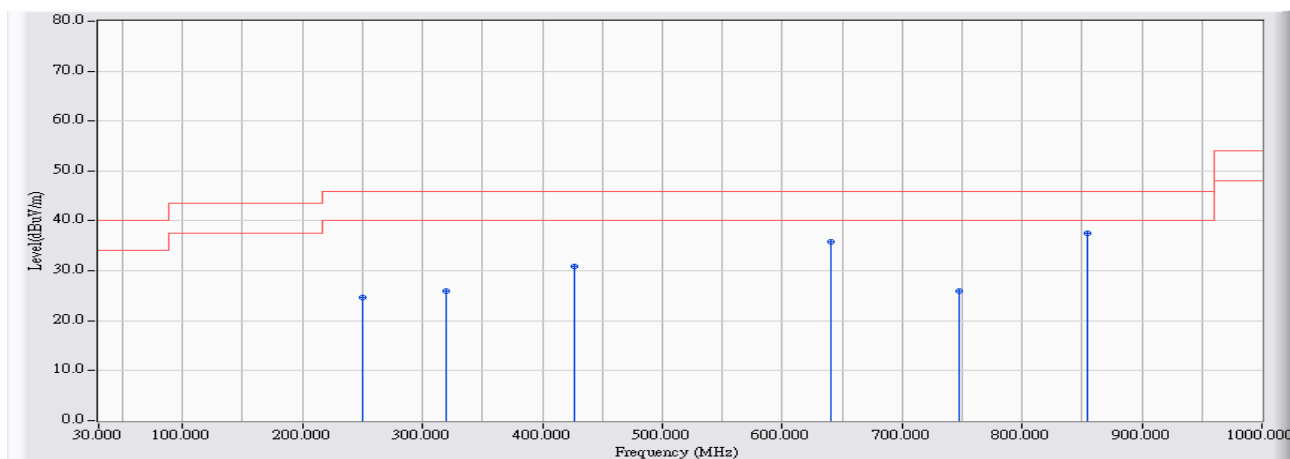


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		152.465	-19.911	48.121	28.210	-15.290	43.500	QUASIPeAK
2		249.659	-12.789	44.112	31.323	-14.677	46.000	QUASIPeAK
3		426.553	-4.453	37.035	32.582	-13.418	46.000	QUASIPeAK
4		500.421	-6.803	35.878	29.075	-16.925	46.000	QUASIPeAK
5	*	640.381	-2.141	37.071	34.930	-11.070	46.000	QUASIPeAK
6		854.208	0.320	33.854	34.175	-11.825	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-N(20M)

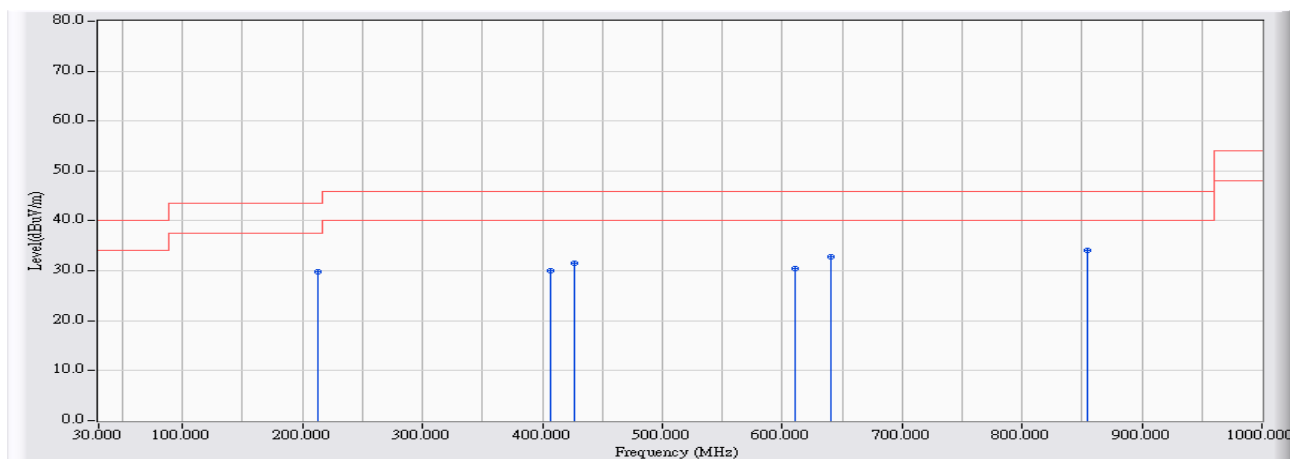


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		249.659	-13.539	38.235	24.695	-21.305	46.000	QUASIPeAK
2		319.639	-12.683	38.715	26.032	-19.968	46.000	QUASIPeAK
3		426.553	-5.233	36.126	30.892	-15.108	46.000	QUASIPeAK
4		640.381	-2.769	38.613	35.844	-10.156	46.000	QUASIPeAK
5		747.295	-4.792	30.830	26.038	-19.962	46.000	QUASIPeAK
6	*	854.208	-2.002	39.488	37.486	-8.514	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-N(40M)

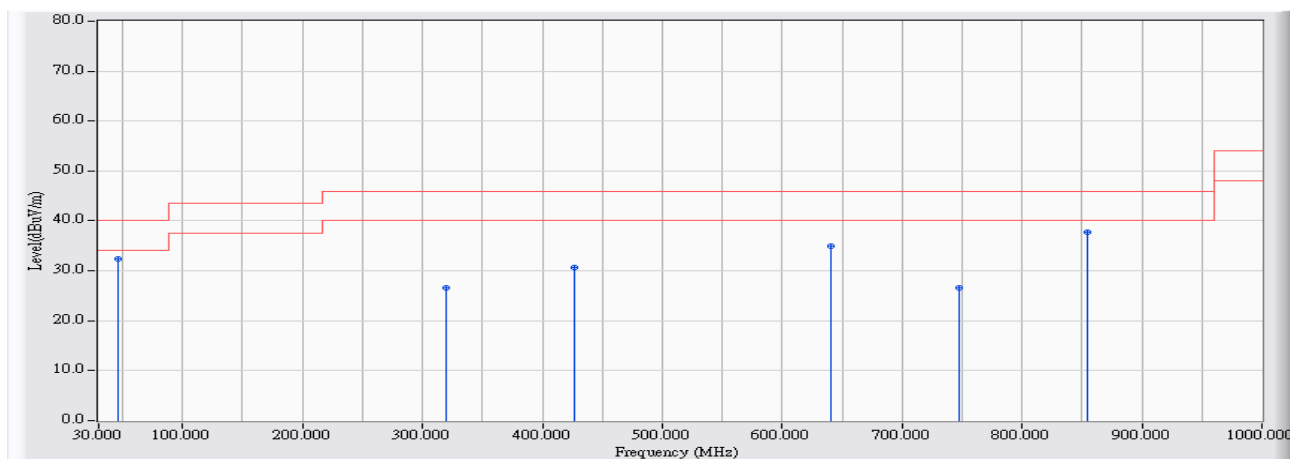


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		212.725	-14.629	44.495	29.866	-13.634	43.500	QUASIPeAK
2		407.114	-5.619	35.571	29.952	-16.048	46.000	QUASIPeAK
3		426.553	-4.453	35.877	31.424	-14.576	46.000	QUASIPeAK
4		611.222	-2.010	32.451	30.441	-15.559	46.000	QUASIPeAK
5		640.381	-2.141	34.960	32.819	-13.181	46.000	QUASIPeAK
6	*	854.208	0.320	33.752	34.073	-11.927	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note :Mode 1: Transmit (CF0605-B)-N(40M)

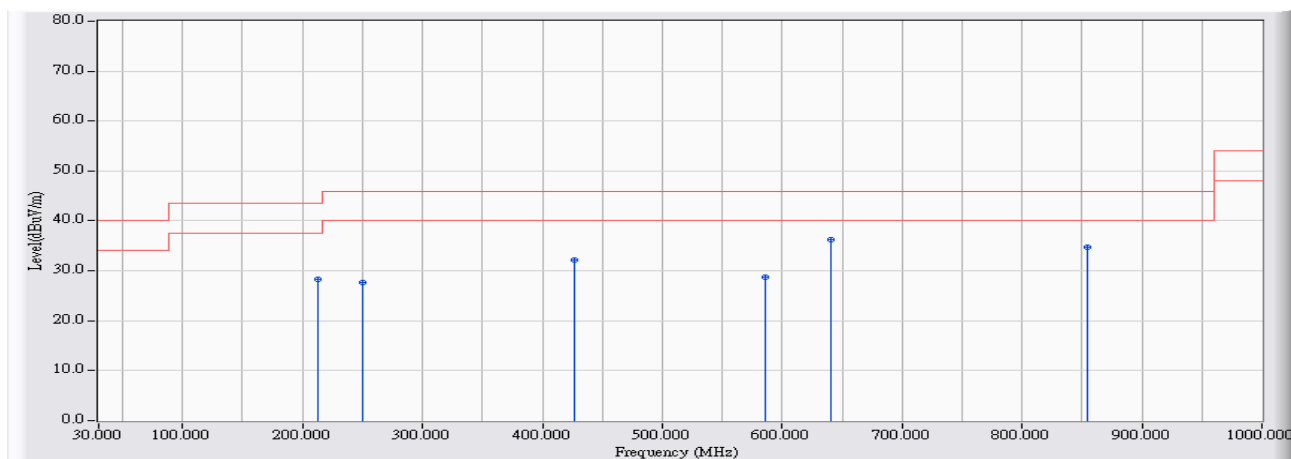


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	45.551	-13.065	45.518	32.454	-7.546	40.000	QUASIPeAK
2		319.639	-12.683	39.221	26.538	-19.462	46.000	QUASIPeAK
3		426.553	-5.233	35.901	30.667	-15.333	46.000	QUASIPeAK
4		640.381	-2.769	37.836	35.067	-10.933	46.000	QUASIPeAK
5		747.295	-4.792	31.302	26.510	-19.490	46.000	QUASIPeAK
6		854.208	-2.002	39.830	37.828	-8.172	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-B

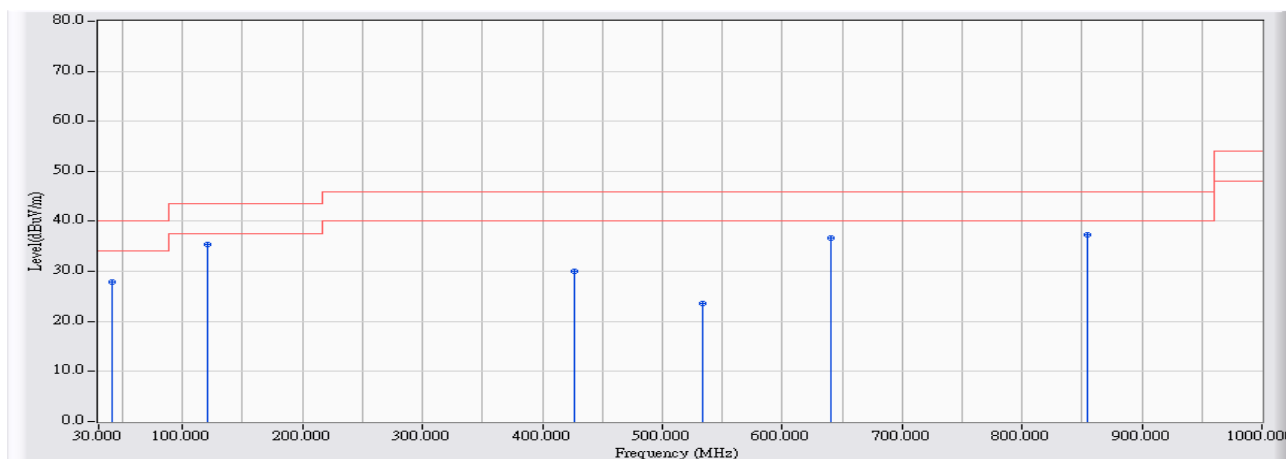


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		212.725	-14.629	42.884	28.255	-15.245	43.500	QUASIPeAK
2		249.659	-12.789	40.535	27.746	-18.254	46.000	QUASIPeAK
3		426.553	-4.453	36.703	32.250	-13.750	46.000	QUASIPeAK
4		585.952	-4.300	33.120	28.820	-17.180	46.000	QUASIPeAK
5	*	640.381	-2.141	38.404	36.263	-9.737	46.000	QUASIPeAK
6		854.208	0.320	34.511	34.832	-11.168	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-B

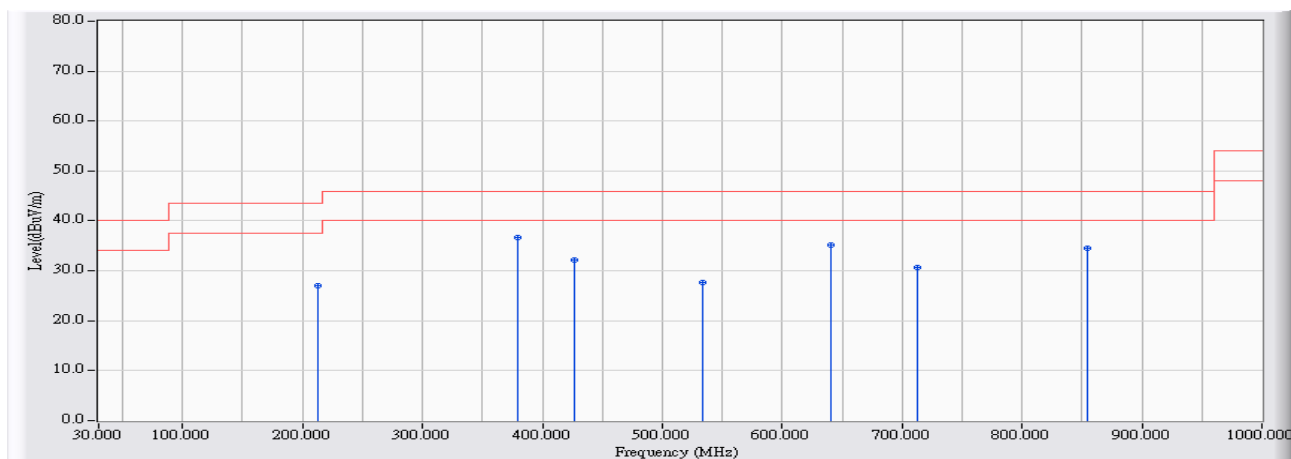


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.663	-9.621	37.539	27.918	-12.082	40.000	QUASIPeAK
2	*	121.363	-10.807	46.236	35.429	-8.071	43.500	QUASIPeAK
3		426.553	-5.233	35.327	30.093	-15.907	46.000	QUASIPeAK
4		533.467	-9.900	33.533	23.634	-22.366	46.000	QUASIPeAK
5		640.381	-2.769	39.431	36.662	-9.338	46.000	QUASIPeAK
6		854.208	-2.002	39.392	37.390	-8.610	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-G

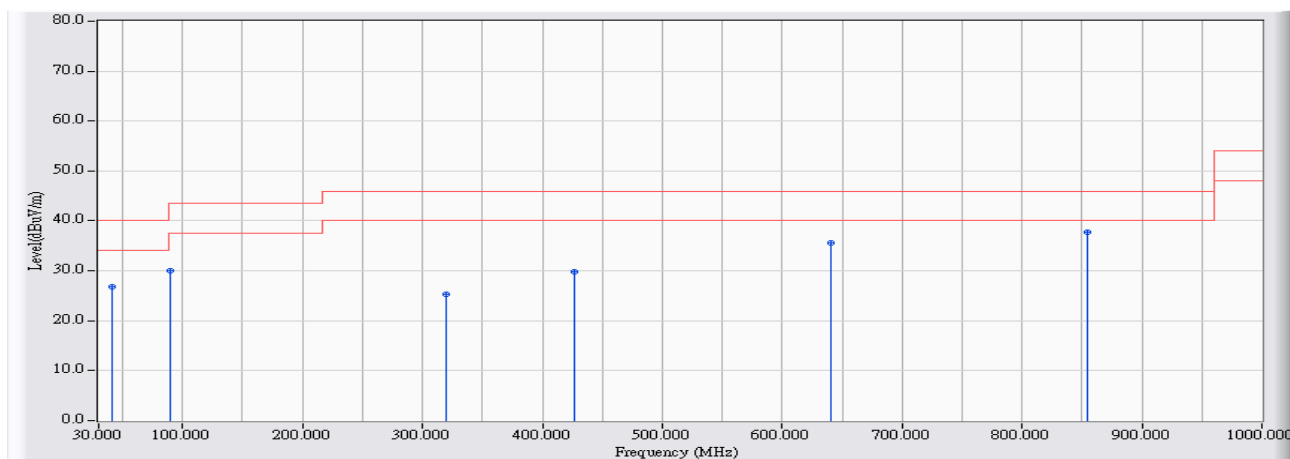


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		212.725	-14.629	41.550	26.921	-16.579	43.500	QUASIPeAK
2	*	379.900	-9.613	46.291	36.678	-9.322	46.000	QUASIPeAK
3		426.553	-4.453	36.581	32.128	-13.872	46.000	QUASIPeAK
4		533.467	-7.877	35.510	27.633	-18.367	46.000	QUASIPeAK
5		640.381	-2.141	37.415	35.274	-10.726	46.000	QUASIPeAK
6		712.305	-4.103	34.802	30.699	-15.301	46.000	QUASIPeAK
7		854.208	0.320	34.133	34.454	-11.546	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-G

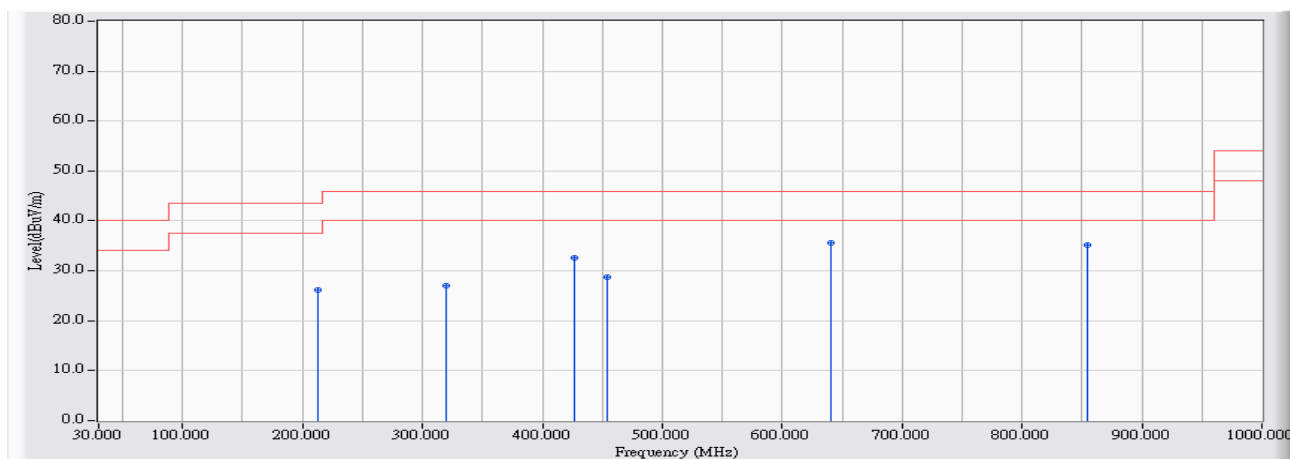


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.663	-9.621	36.496	26.875	-13.125	40.000	QUASIPeAK
2		90.261	-12.598	42.685	30.087	-13.413	43.500	QUASIPeAK
3		319.639	-12.683	37.985	25.302	-20.698	46.000	QUASIPeAK
4		426.553	-5.233	35.079	29.845	-16.155	46.000	QUASIPeAK
5		640.381	-2.769	38.375	35.606	-10.394	46.000	QUASIPeAK
6	*	854.208	-2.002	39.746	37.744	-8.256	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(20M)

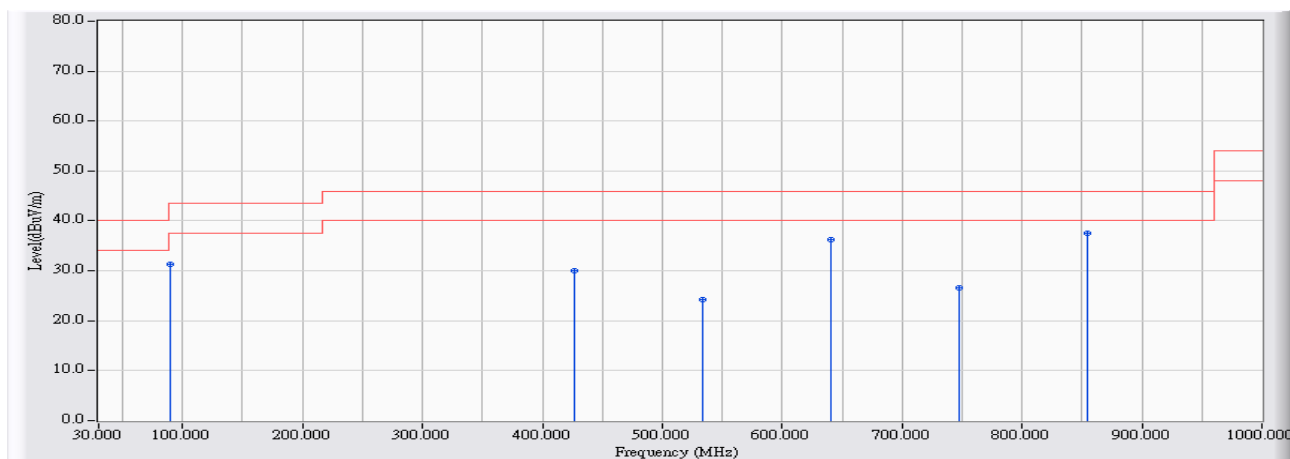


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	c	-14.629	40.826	26.197	-17.303	43.500	QUASIPeAK
2	319.639	-10.257	37.356	27.099	-18.901	46.000	QUASIPeAK
3	426.553	-4.453	37.057	32.604	-13.396	46.000	QUASIPeAK
4	453.768	-6.766	35.599	28.833	-17.167	46.000	QUASIPeAK
5	* 640.381	-2.141	37.716	35.575	-10.425	46.000	QUASIPeAK
6	854.208	0.320	34.851	35.172	-10.828	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:42
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(20M)

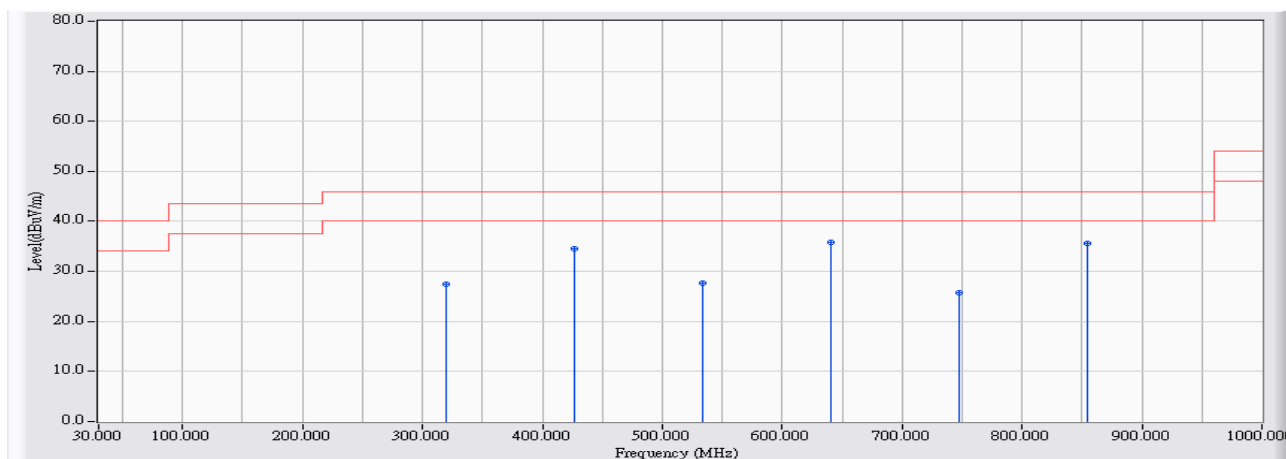


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		90.261	-12.598	43.850	31.252	-12.248	43.500	QUASIPeAK
2		426.553	-5.233	35.193	29.959	-16.041	46.000	QUASIPeAK
3		533.467	-9.900	34.198	24.299	-21.701	46.000	QUASIPeAK
4		640.381	-2.769	38.947	36.178	-9.822	46.000	QUASIPeAK
5		747.295	-4.792	31.359	26.567	-19.433	46.000	QUASIPeAK
6	*	854.208	-2.002	39.561	37.559	-8.441	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(40M)

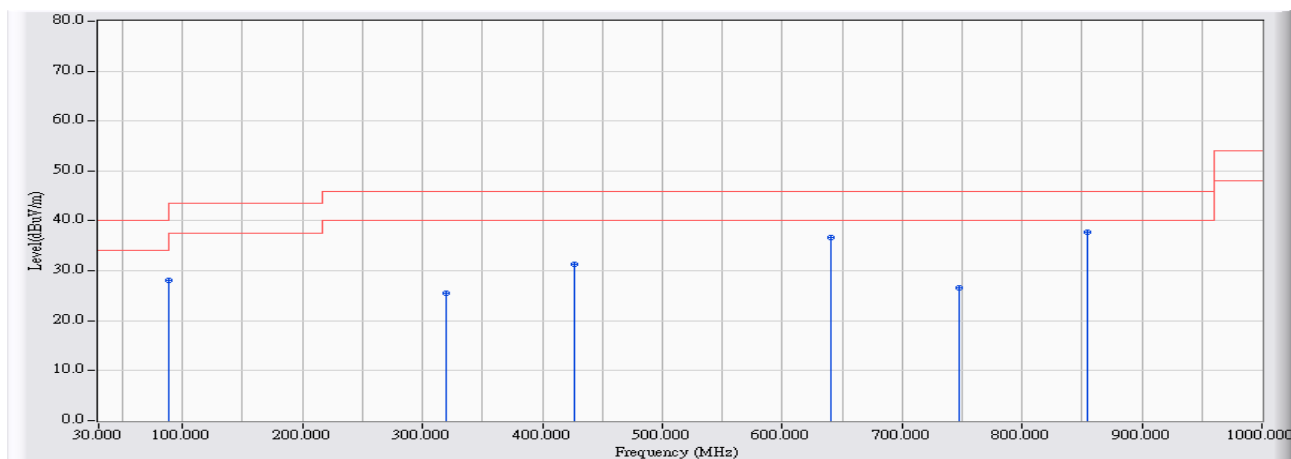


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	319.639	-10.257	37.773	27.516	-18.484	46.000	QUASIPeAK
2	426.553	-4.453	39.064	34.611	-11.389	46.000	QUASIPeAK
3	533.467	-7.877	35.459	27.582	-18.418	46.000	QUASIPeAK
4	* 640.381	-2.141	37.891	35.750	-10.250	46.000	QUASIPeAK
5	747.295	-5.484	31.234	25.751	-20.249	46.000	QUASIPeAK
6	854.208	0.320	35.286	35.607	-10.393	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/04/09 - 10:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2008-9) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : Mode 2: Transmit (AMS1-0501200FU)-N(40M)



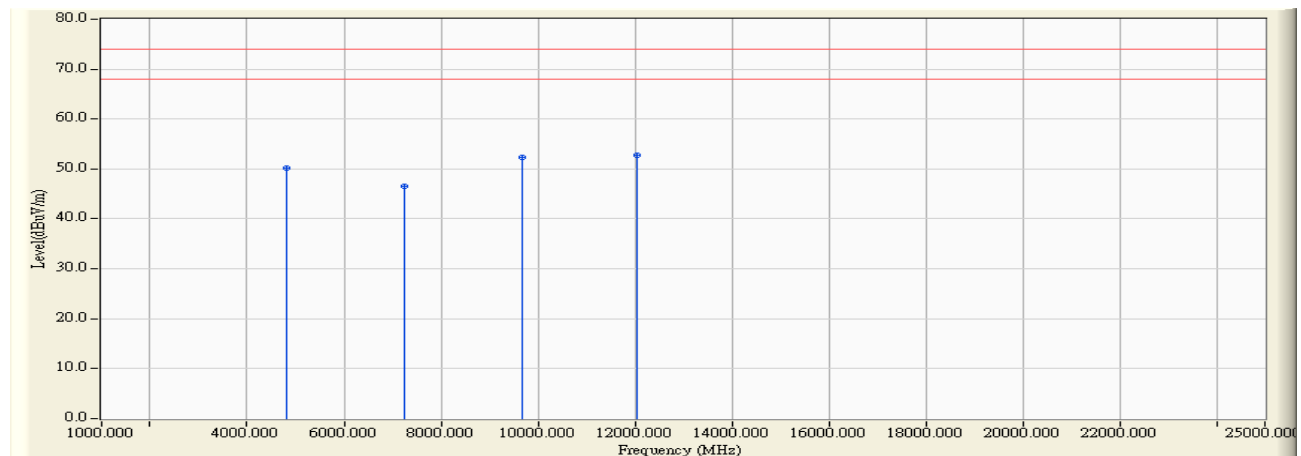
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		88.317	-13.254	41.324	28.070	-15.430	43.500	QUASIPeAK
2		319.639	-12.683	38.176	25.493	-20.507	46.000	QUASIPeAK
3		426.553	-5.233	36.499	31.265	-14.735	46.000	QUASIPeAK
4		640.381	-2.769	39.400	36.631	-9.369	46.000	QUASIPeAK
5		747.295	-4.792	31.357	26.565	-19.435	46.000	QUASIPeAK
6	*	854.208	-2.002	39.856	37.854	-8.146	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : Site 1	Time : 2009/04/03 - 10:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-B (CH1)

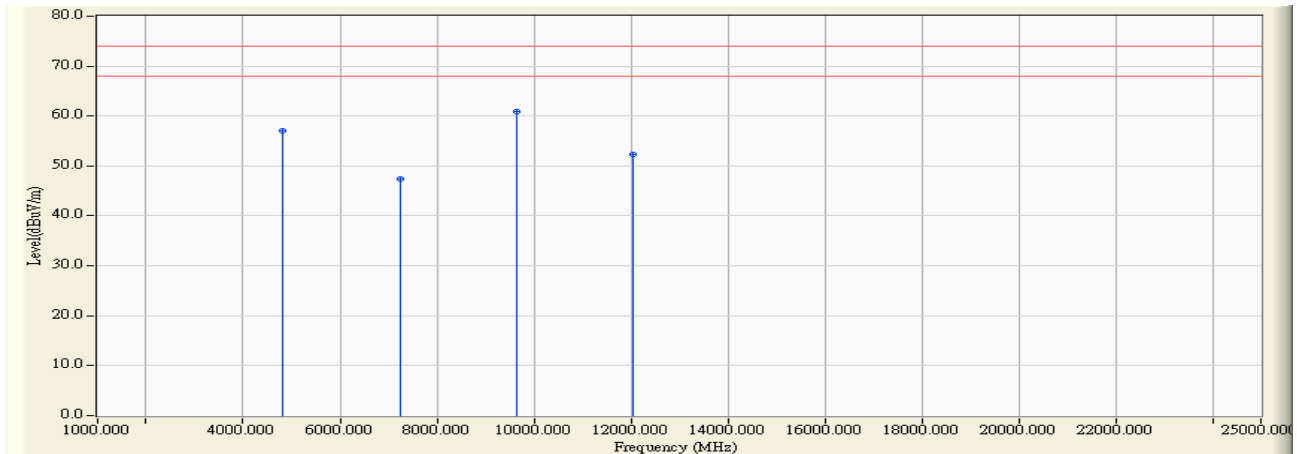


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.000	0.402	49.790	50.192	-23.808	74.000	54.000	PEAK
2		7236.200	6.884	39.650	46.534	-27.466	74.000	54.000	PEAK
3		9672.000	10.912	41.490	52.402	-21.598	74.000	54.000	PEAK
4	*	12060.400	15.618	37.060	52.678	-21.322	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:16
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-B (CH1)

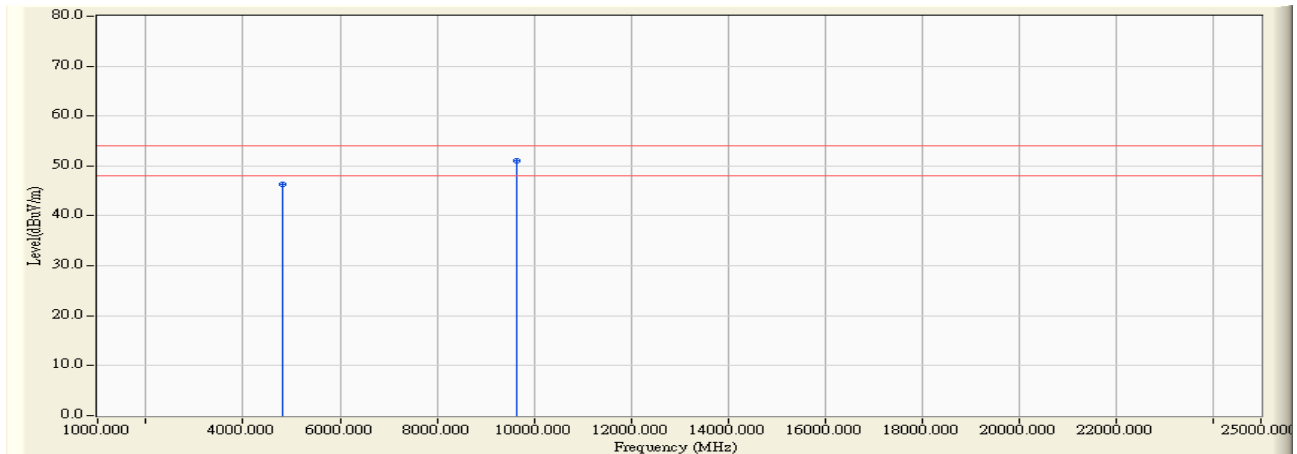


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.000	0.402	56.620	57.022	-16.978	74.000	54.000	PEAK
2	7236.200	6.459	40.970	47.429	-26.571	74.000	54.000	PEAK
3	* 9648.000	10.918	50.090	61.008	-12.992	74.000	54.000	PEAK
4	12060.400	14.351	37.920	52.271	-21.729	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:22
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-B (CH1)

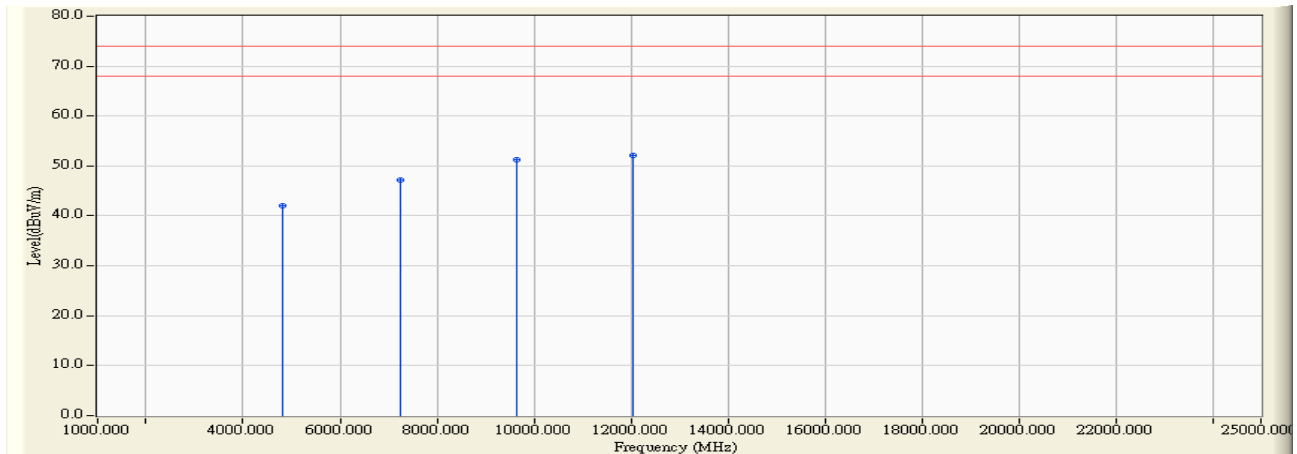


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4825.800	2.541	43.740	46.280	-7.720	74.000	54.000	AVERAGE
2	*	9648.000	10.918	40.070	50.988	-3.012	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 11:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-G (CH1)

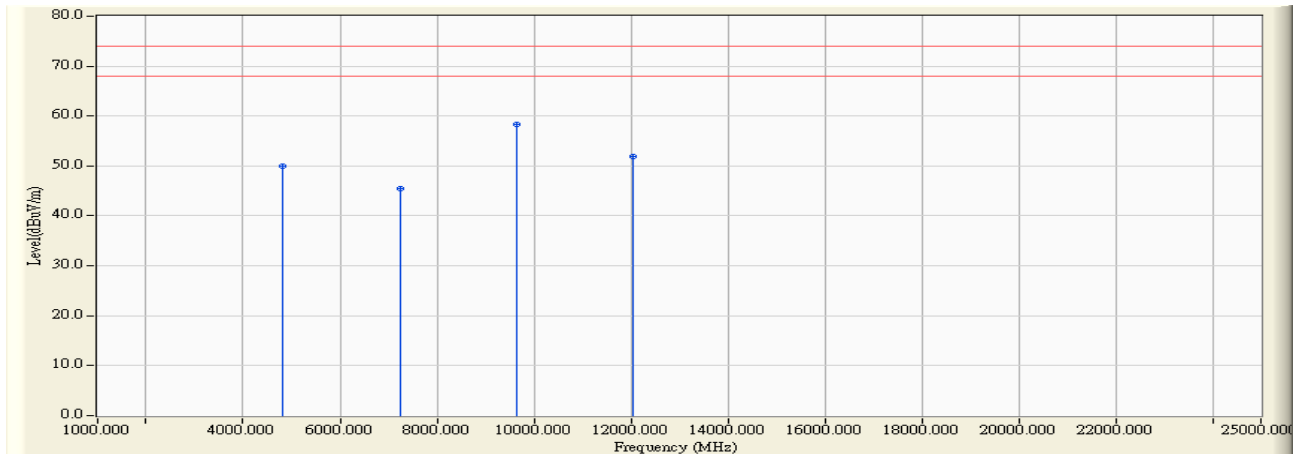


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.000	0.402	41.540	41.942	-32.058	74.000	54.000	PEAK
2		7236.200	6.884	40.390	47.274	-26.726	74.000	54.000	PEAK
3		9648.000	10.813	40.370	51.183	-22.817	74.000	54.000	PEAK
4	*	12060.400	15.618	36.600	52.218	-21.782	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 12:03
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-G (CH1)

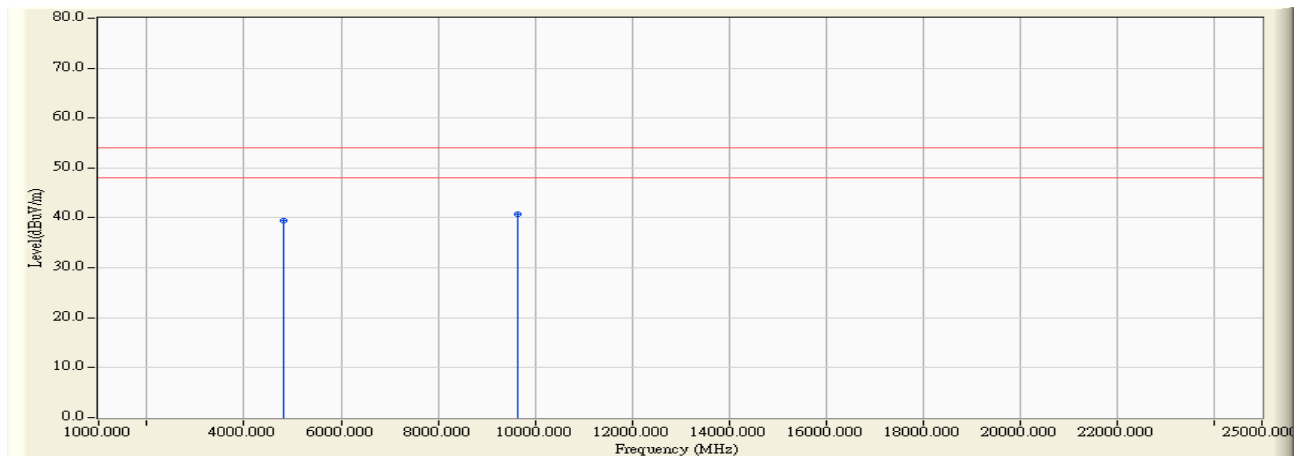


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.000	2.539	47.370	49.909	-24.091	74.000	54.000	PEAK
2	7236.200	6.459	39.060	45.519	-28.481	74.000	54.000	PEAK
3	* 9648.000	10.918	47.350	58.268	-15.732	74.000	54.000	PEAK
4	12060.400	14.351	37.500	51.851	-22.149	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 13:44
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-G (CH1)

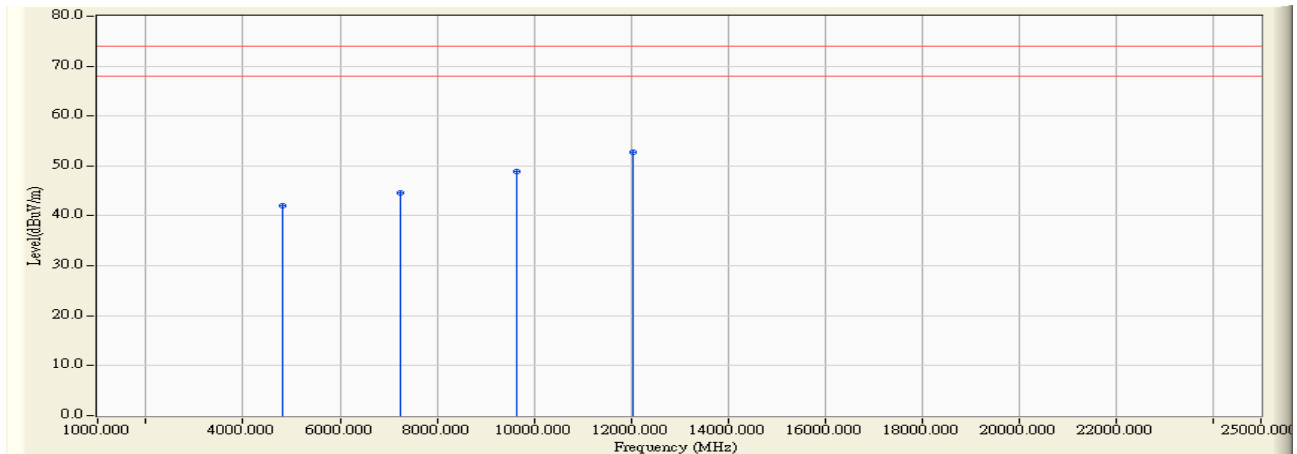


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.200	2.540	37.000	39.539	-14.461	74.000	54.000	AVERAGE
2	*	9649.200	10.924	29.760	40.684	-13.316	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-N(20M) (CH1)

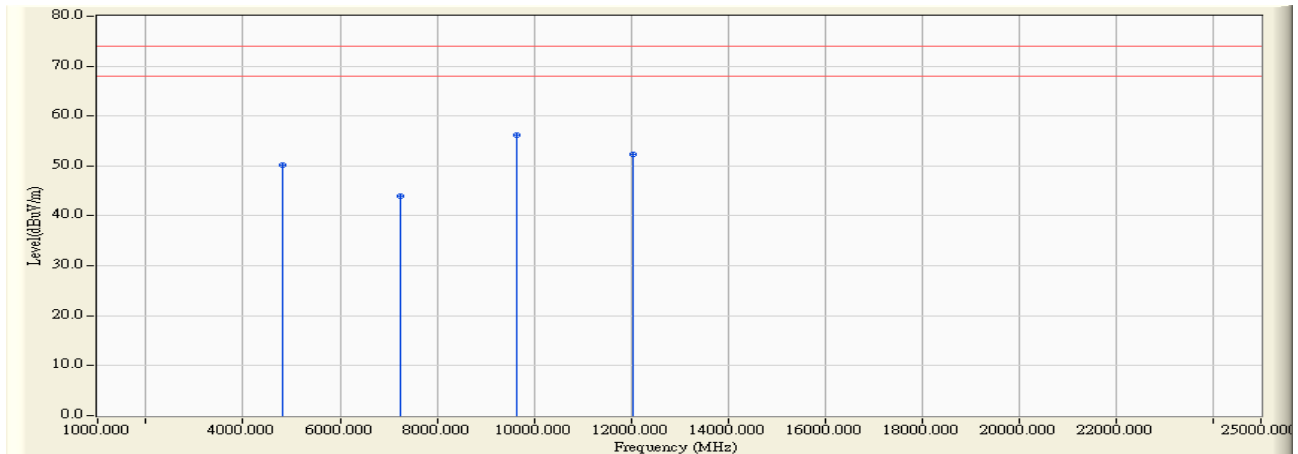


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.020	0.402	41.690	42.092	-31.908	74.000	54.000	PEAK
2		7236.230	6.884	37.730	44.614	-29.386	74.000	54.000	PEAK
3		9648.250	10.814	37.980	48.794	-25.206	74.000	54.000	PEAK
4	*	12060.340	15.618	37.100	52.718	-21.282	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-N(20M) (CH1)

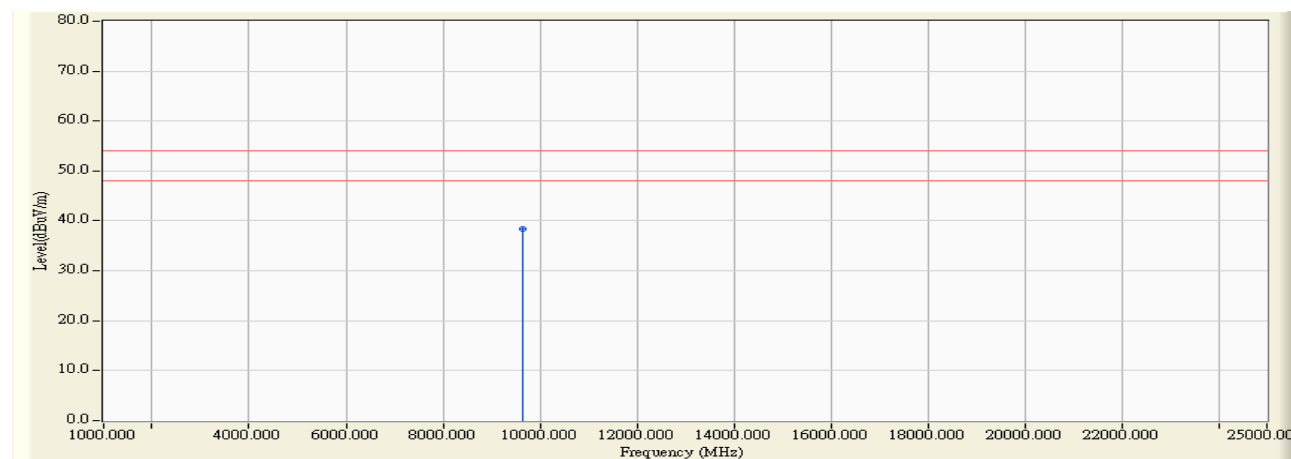


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.130	2.539	47.600	50.139	-23.861	74.000	54.000	PEAK
2	7236.230	6.459	37.610	44.069	-29.931	74.000	54.000	PEAK
3	* 9648.230	10.919	45.280	56.199	-17.801	74.000	54.000	PEAK
4	12060.250	14.352	37.900	52.252	-21.748	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:00
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2412MHz-N(20M) (CH1)

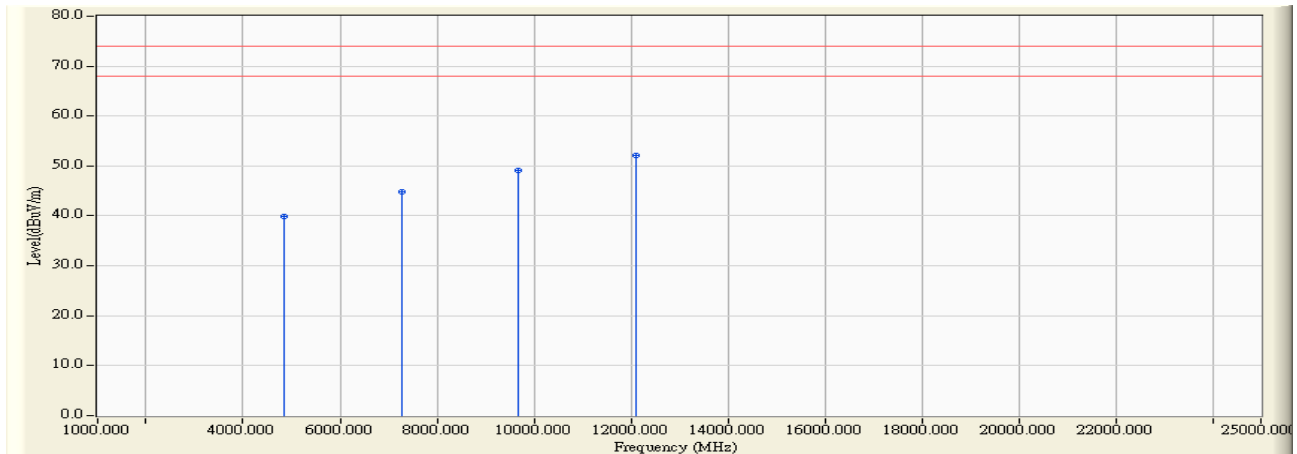


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	9647.000	10.913	27.380	38.293	-15.707	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2422MHz-N(40M) (CH3)

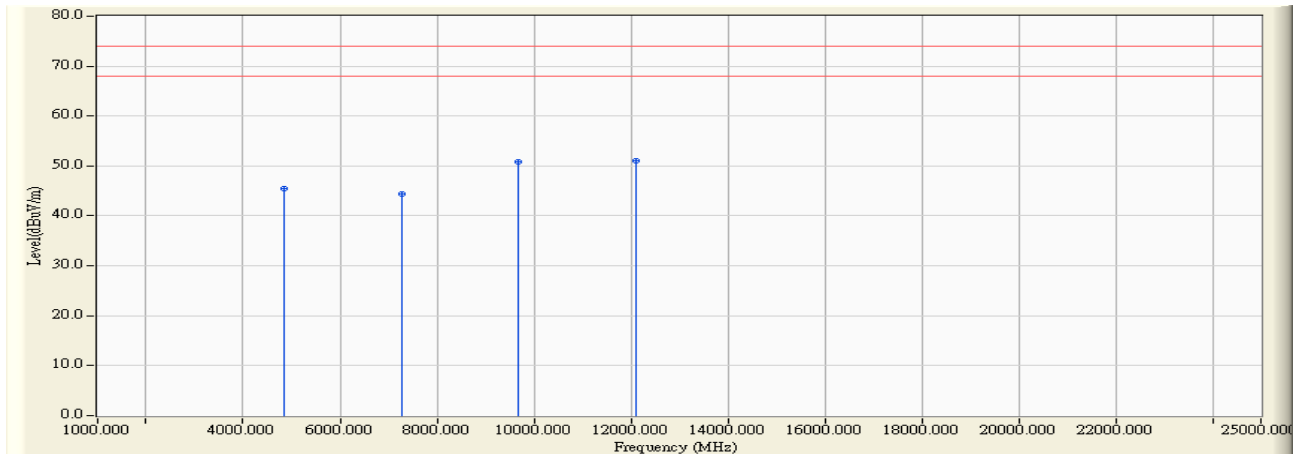


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4844.230	0.452	39.340	39.791	-34.209	74.000	54.000	PEAK
2		7266.230	7.022	37.820	44.842	-29.158	74.000	54.000	PEAK
3		9688.120	10.970	38.140	49.110	-24.890	74.000	54.000	PEAK
4	*	12110.020	15.425	36.720	52.144	-21.856	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:39
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2422MHz-N(40M) (CH3)

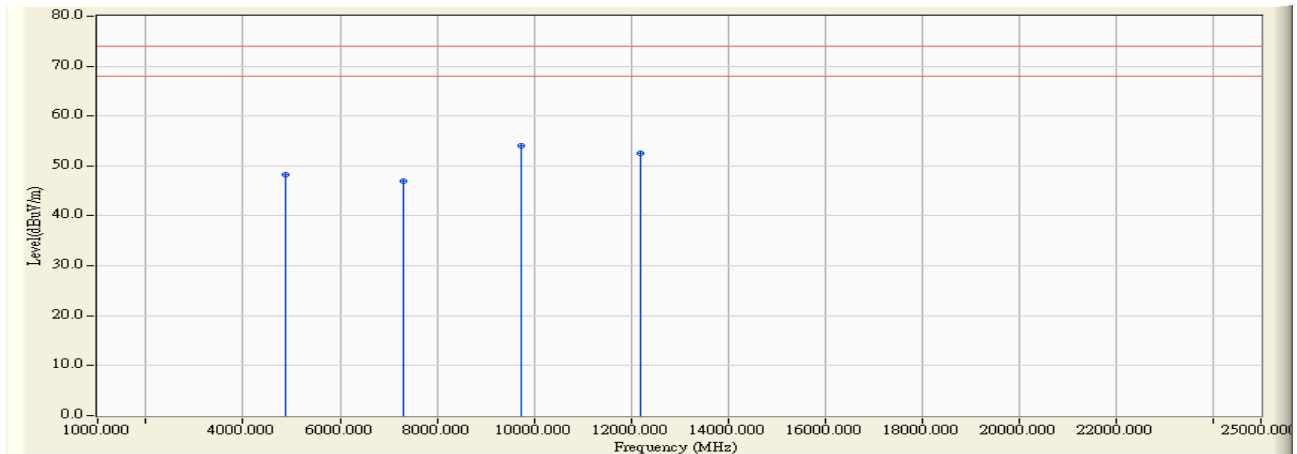


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4844.000	2.556	42.930	45.487	-28.513	74.000	54.000	PEAK
2		7266.120	6.517	37.880	44.397	-29.603	74.000	54.000	PEAK
3		9688.450	11.123	39.610	50.733	-23.267	74.000	54.000	PEAK
4	*	12110.120	14.261	36.870	51.130	-22.870	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-B (CH6)

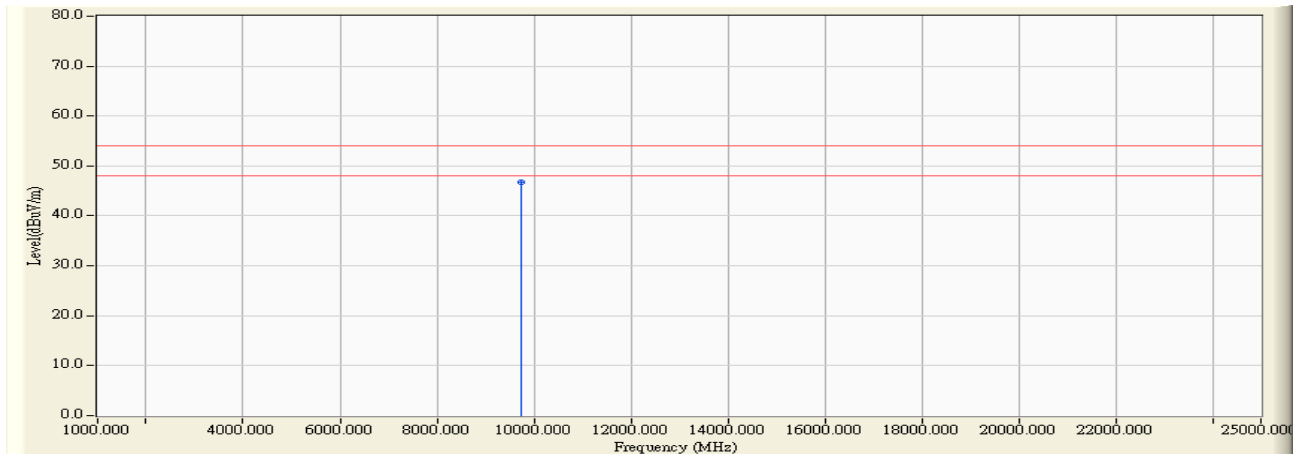


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.000	0.531	47.650	48.180	-25.820	74.000	54.000	PEAK
2	7311.000	7.227	39.710	46.937	-27.063	74.000	54.000	PEAK
3	* 9747.800	11.219	42.840	54.059	-19.941	74.000	54.000	PEAK
4	12185.000	15.121	37.400	52.521	-21.479	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:44
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-B (CH6)

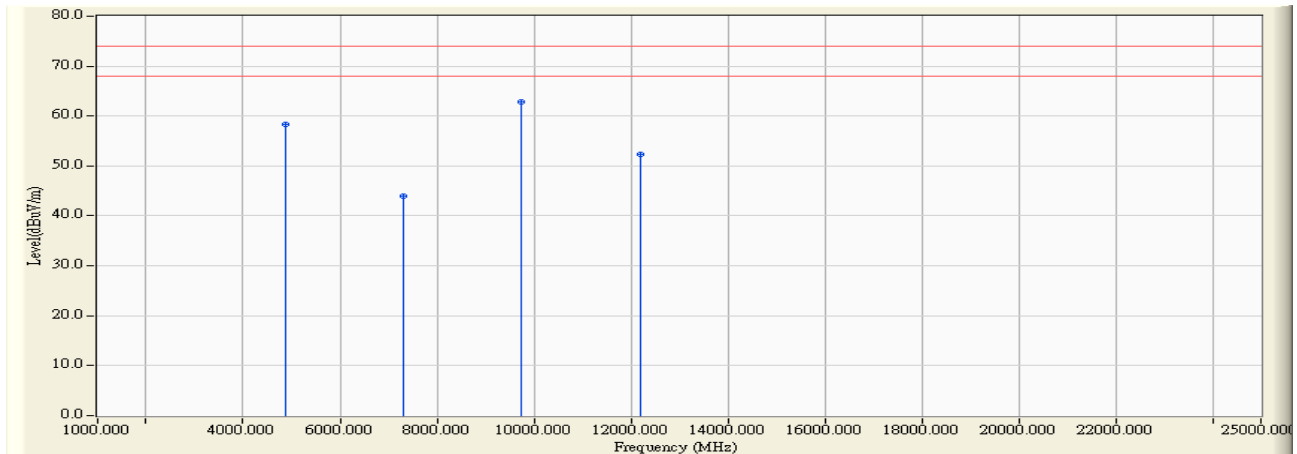


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	9747.960	11.220	35.580	46.800	-7.200	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:49
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-B (CH6)

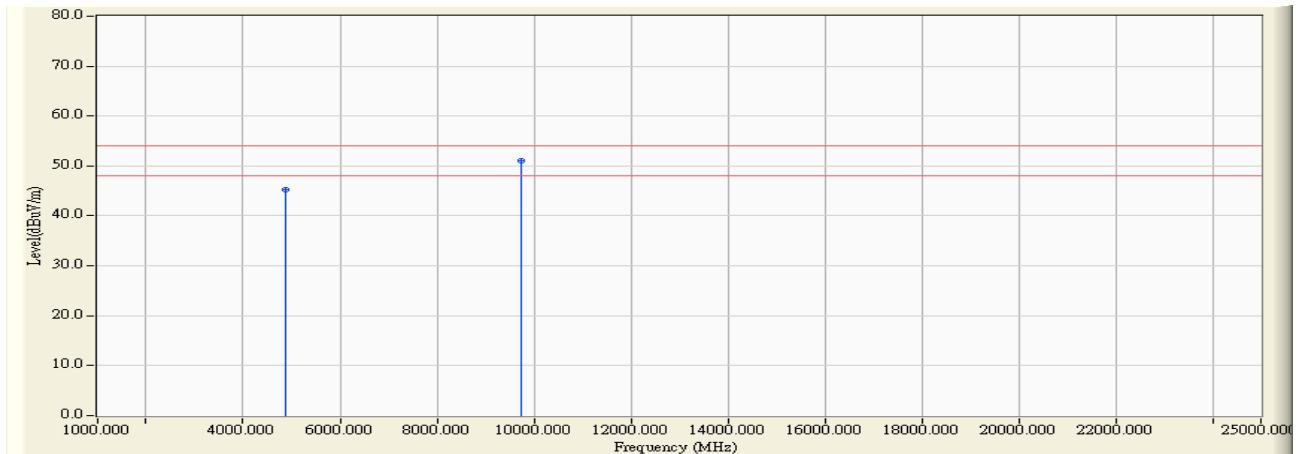


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.000	2.577	55.660	58.237	-15.763	74.000	54.000	PEAK
2	7311.200	6.604	37.430	44.034	-29.966	74.000	54.000	PEAK
3	* 9747.880	11.419	51.350	62.769	-11.231	74.000	54.000	PEAK
4	12185.210	14.126	38.120	52.246	-21.754	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 10:49
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-B (CH6)

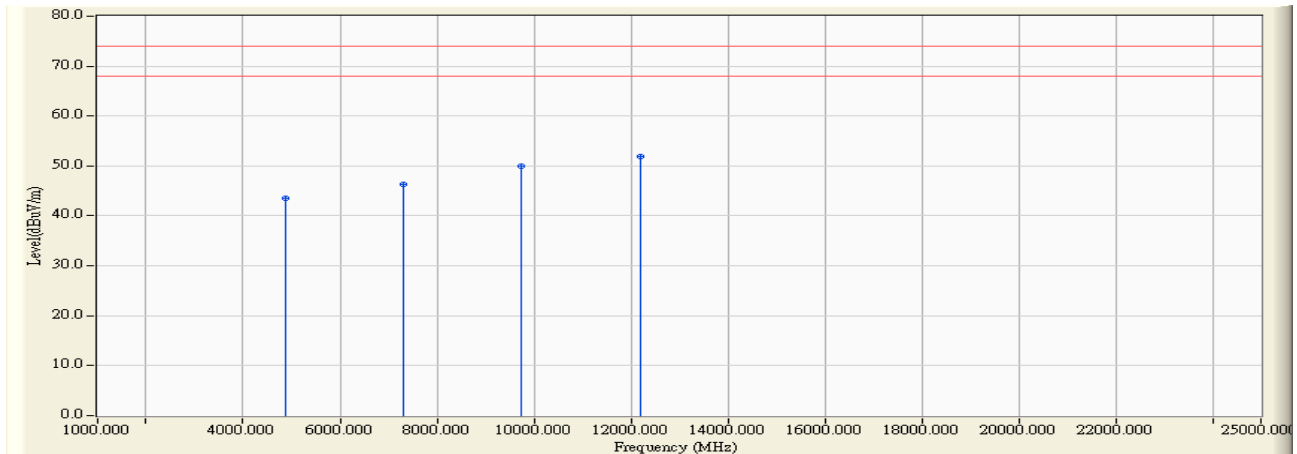


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4875.000	2.577	42.710	45.288	-8.712	74.000	54.000	AVERAGE
2	*	9748.000	11.420	39.560	50.980	-3.020	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:16
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-G (CH6)

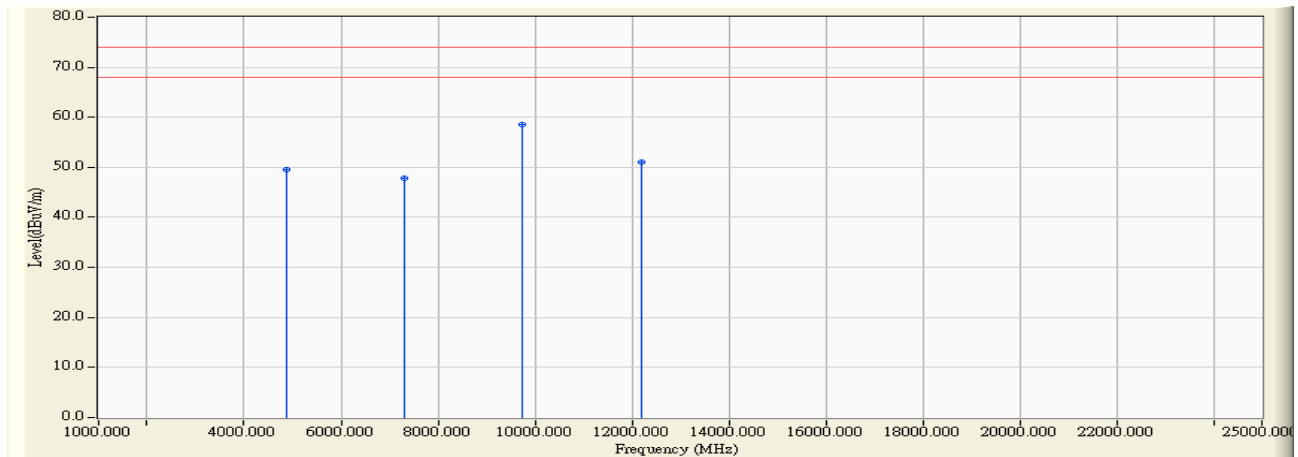


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	43.010	43.540	-30.460	74.000	54.000	PEAK
2		7311.000	7.227	39.030	46.257	-27.743	74.000	54.000	PEAK
3		9747.800	11.219	38.850	50.069	-23.931	74.000	54.000	PEAK
4	*	12185.000	15.121	36.770	51.891	-22.109	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-G (CH6)

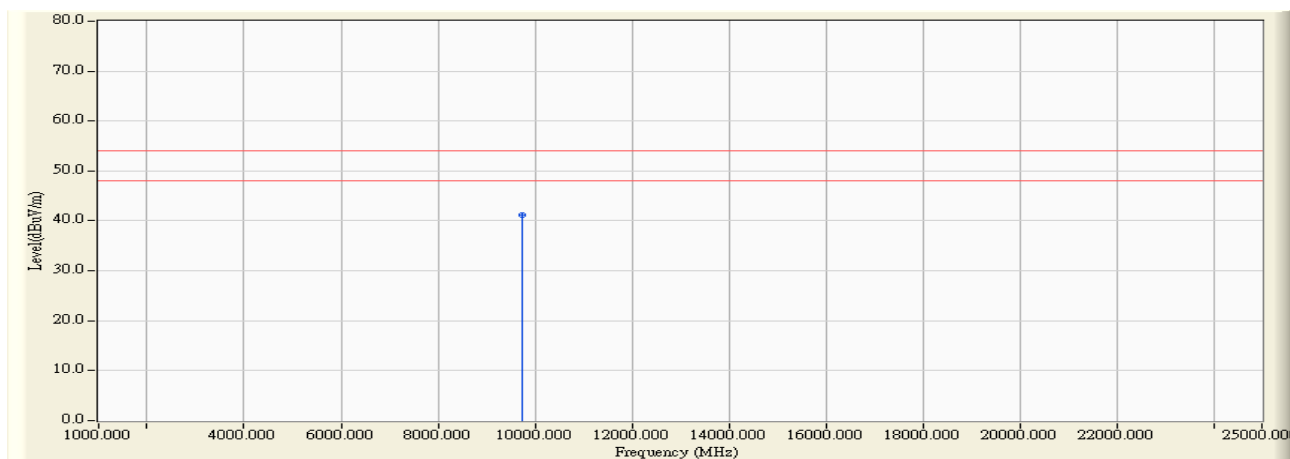


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	2.577	47.040	49.617	-24.383	74.000	54.000	PEAK
2		7311.000	6.604	41.270	47.874	-26.126	74.000	54.000	PEAK
3	*	9747.800	11.419	47.050	58.469	-15.531	74.000	54.000	PEAK
4		12185.000	14.127	36.900	51.027	-22.973	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:27
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-G (CH6)

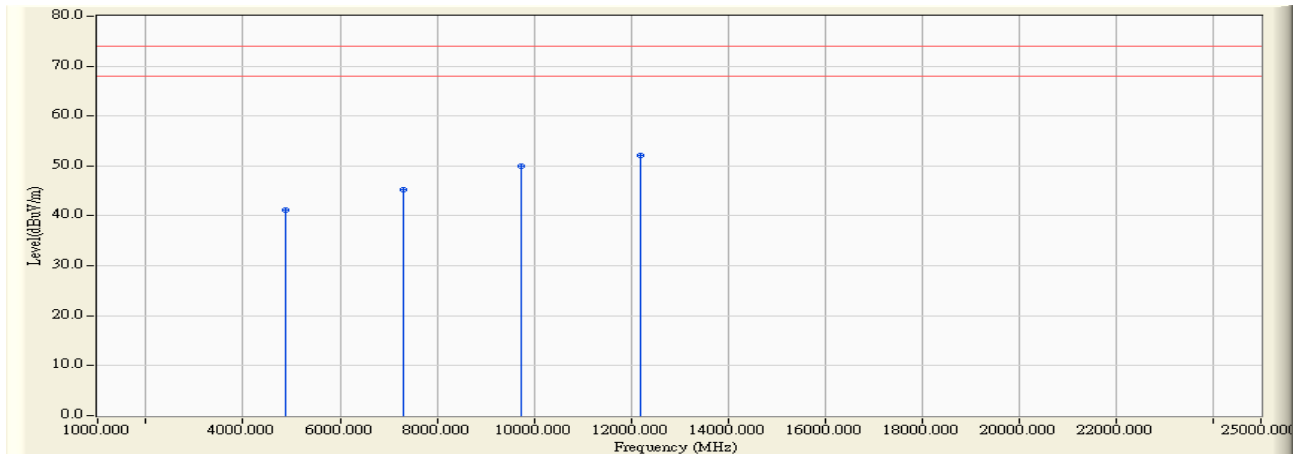


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	9749.200	11.426	29.710	41.136	-12.864	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:08
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-N(20M) (CH6)

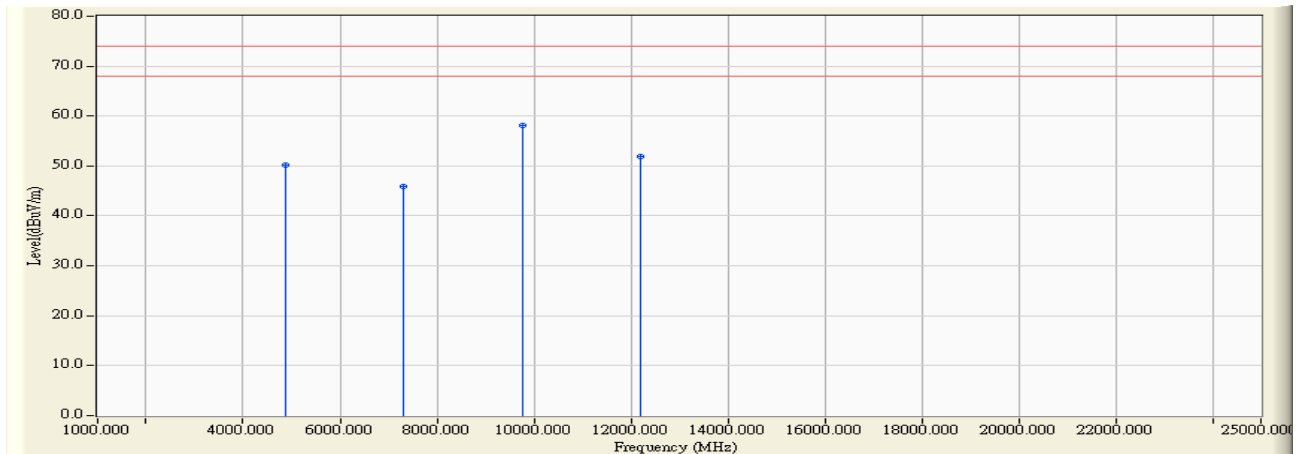


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	40.740	41.270	-32.730	74.000	54.000	PEAK
2		7311.000	7.227	38.130	45.357	-28.643	74.000	54.000	PEAK
3		9747.000	11.216	38.750	49.966	-24.034	74.000	54.000	PEAK
4	*	12185.000	15.121	36.910	52.031	-21.969	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:13
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-N(20M) (CH6)

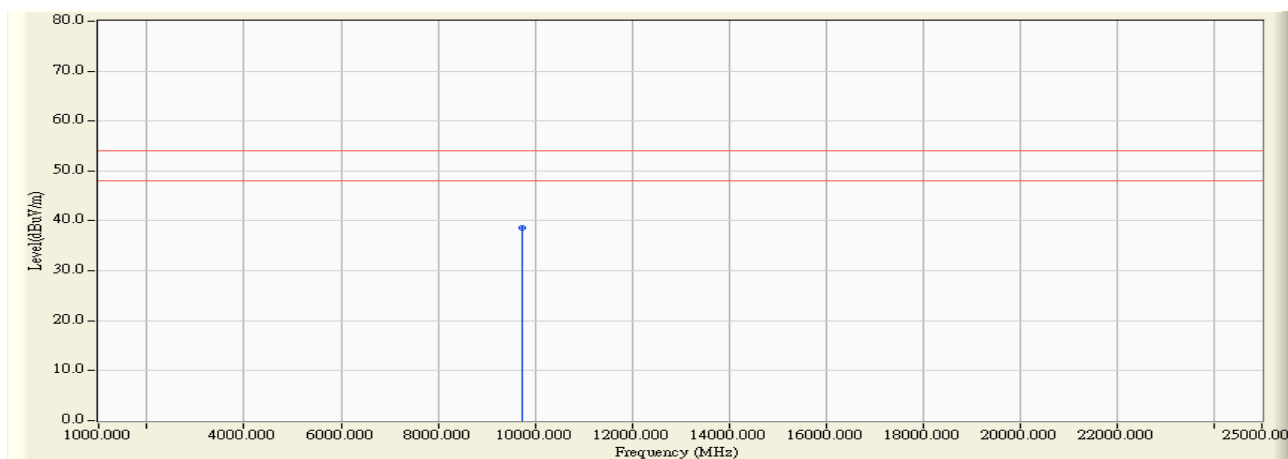


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.250	2.577	47.640	50.217	-23.783	74.000	54.000	PEAK
2	7311.000	6.604	39.340	45.944	-28.056	74.000	54.000	PEAK
3	* 9760.000	11.478	46.550	58.028	-15.972	74.000	54.000	PEAK
4	12185.230	14.126	37.670	51.796	-22.204	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:16
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-N(20M) (CH6)

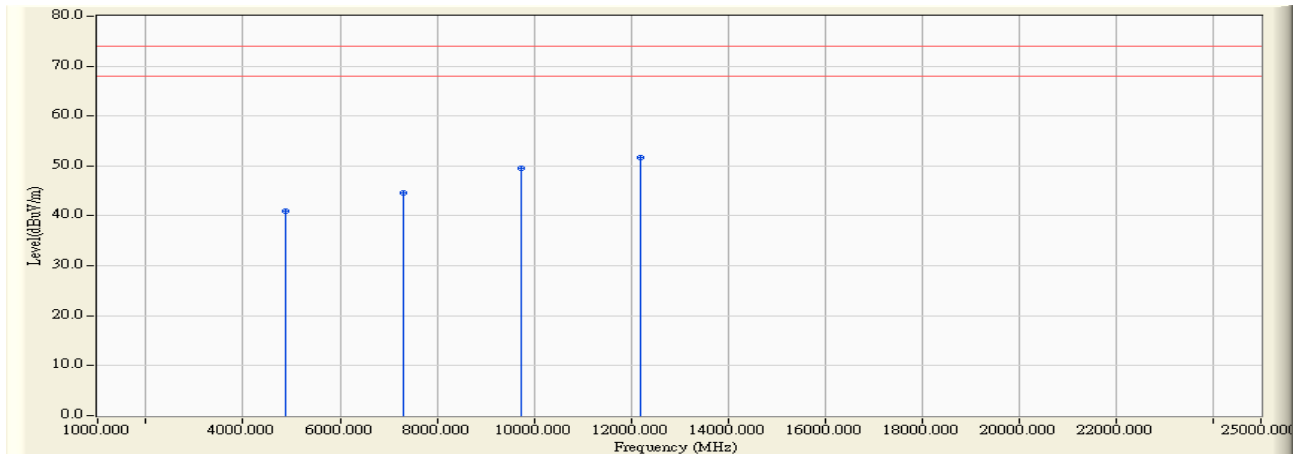


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type	Peak Limit (dBuV/m)
1	*	9751.800	11.438	27.240	38.678	74.000	54.000	AVERAGE	74.000

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:45
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-N(40M) (CH6)

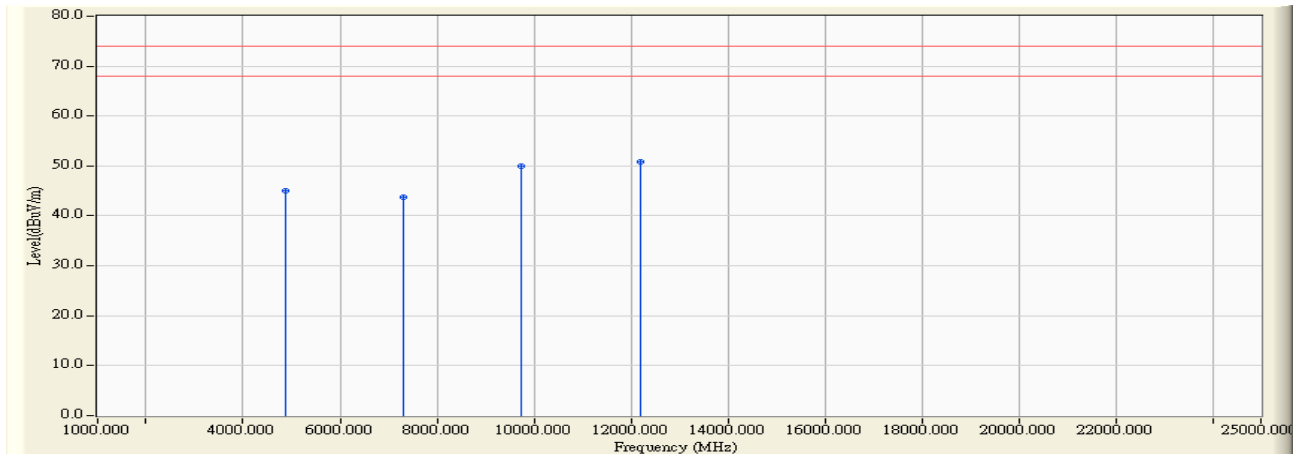


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.120	0.531	40.460	40.991	-33.009	74.000	54.000	PEAK
2		7311.210	7.228	37.490	44.718	-29.282	74.000	54.000	PEAK
3		9747.800	11.219	38.220	49.439	-24.561	74.000	54.000	PEAK
4	*	12185.020	15.121	36.660	51.781	-22.219	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2437MHz-N(40M) (CH6)

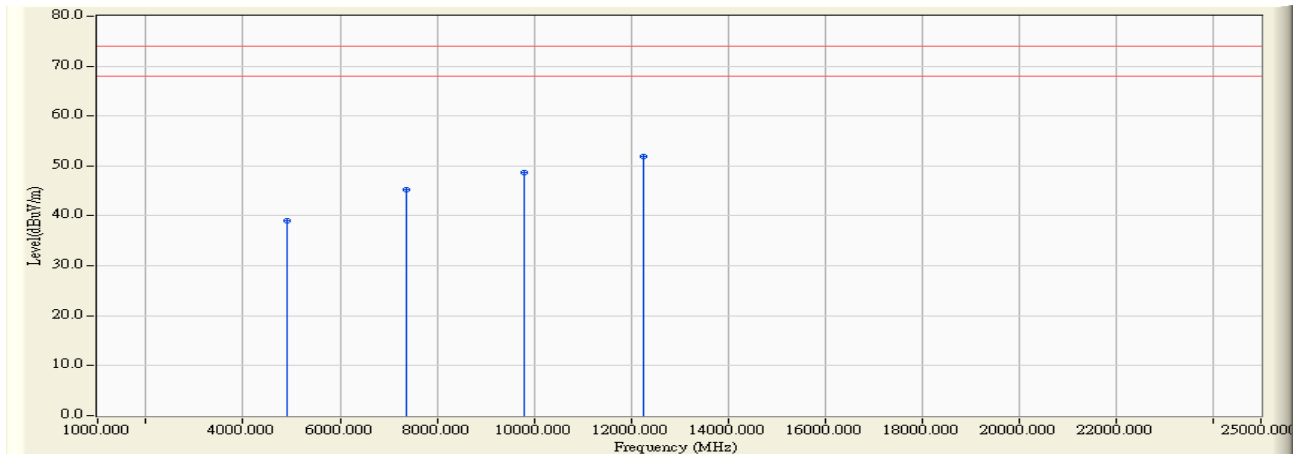


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.120	2.577	42.460	45.037	-28.963	74.000	54.000	PEAK
2	7311.000	6.604	37.220	43.824	-30.176	74.000	54.000	PEAK
3	9747.200	11.416	38.600	50.016	-23.984	74.000	54.000	PEAK
4	* 12185.000	14.127	36.670	50.797	-23.203	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2452MHz-N(40M) (CH9)

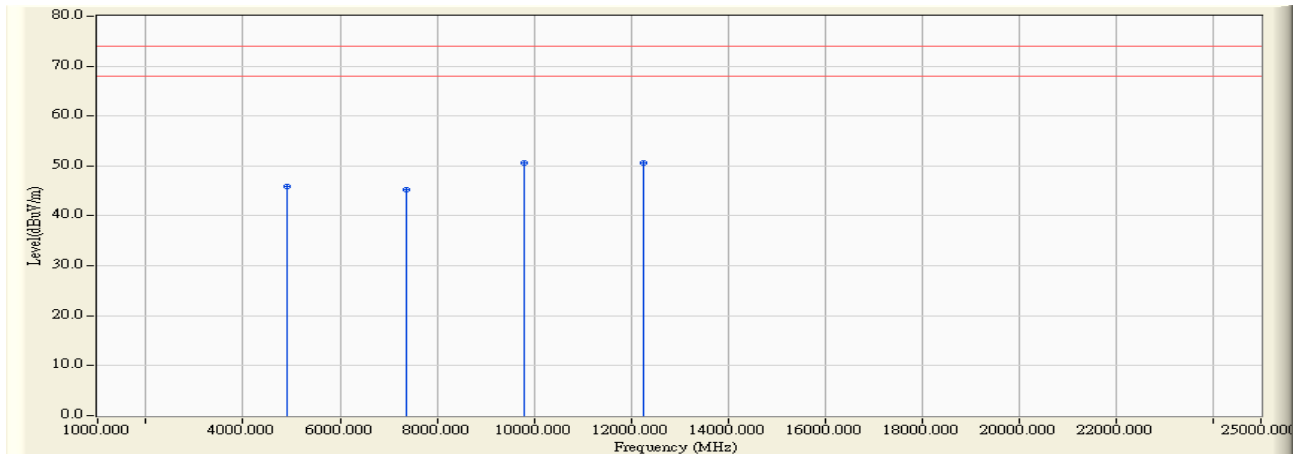


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4904.250	0.618	38.460	39.078	-34.922	74.000	54.000	PEAK
2		7356.120	7.444	37.850	45.294	-28.706	74.000	54.000	PEAK
3		9808.140	11.461	37.250	48.711	-25.289	74.000	54.000	PEAK
4	*	12260.140	14.827	36.980	51.807	-22.193	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 21:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2452MHz-N(40M) (CH9)

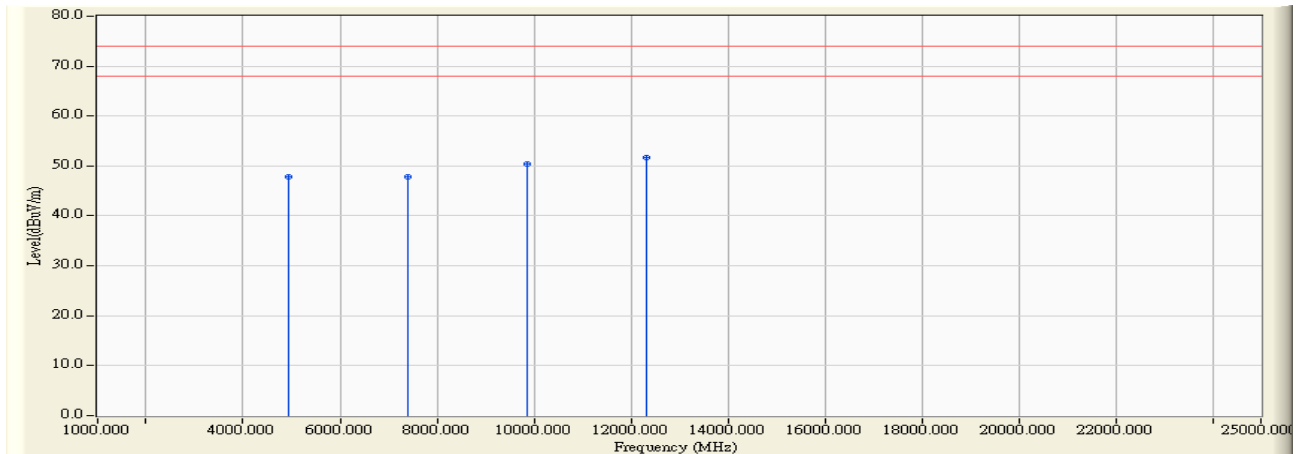


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4904.250	2.589	43.390	45.979	-28.021	74.000	54.000	PEAK
2		7356.250	6.692	38.510	45.202	-28.798	74.000	54.000	PEAK
3		9808.140	11.720	38.790	50.510	-23.490	74.000	54.000	PEAK
4	*	12260.120	13.984	36.550	50.534	-23.466	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 11:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-B (CH11)

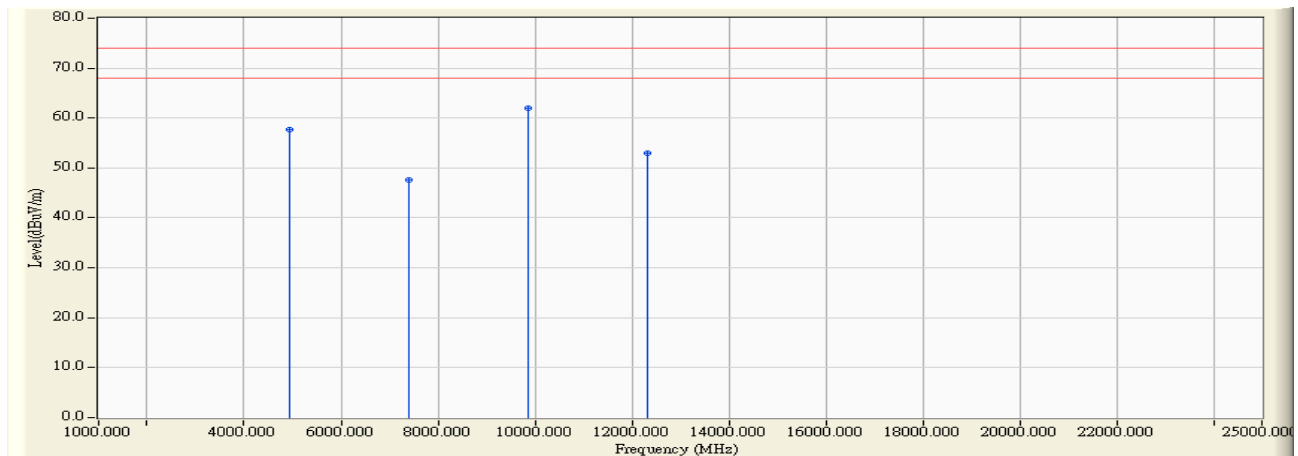


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.960	0.667	47.100	47.768	-26.232	74.000	54.000	PEAK
2		7386.000	7.581	40.160	47.741	-26.259	74.000	54.000	PEAK
3		9848.000	11.618	38.820	50.438	-23.562	74.000	54.000	PEAK
4	*	12309.960	14.633	36.990	51.623	-22.377	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 11:10
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-B (CH11)

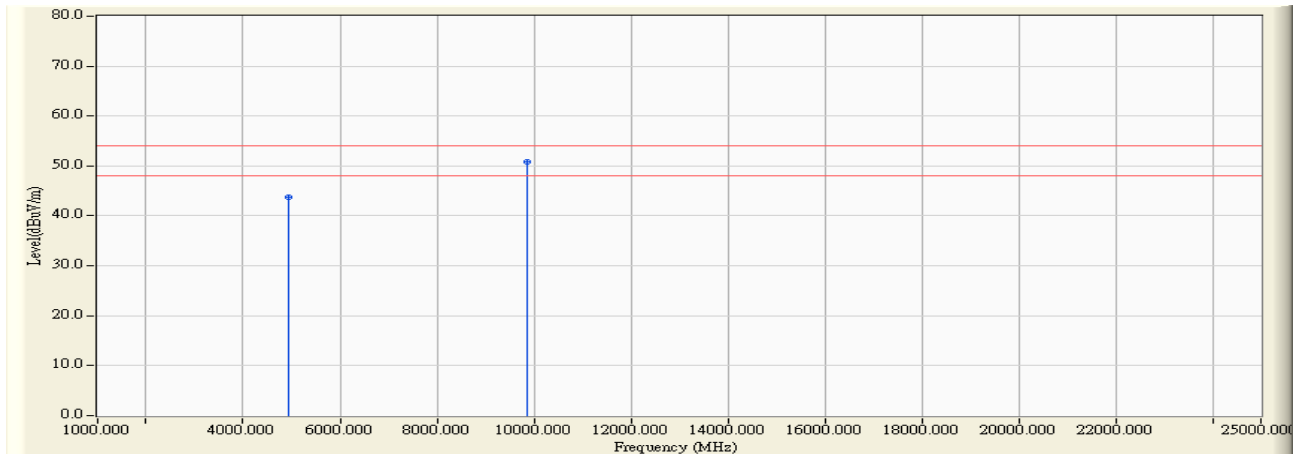


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.200	2.605	55.030	57.635	-16.365	74.000	54.000	PEAK
2	7387.000	6.762	40.760	47.522	-26.478	74.000	54.000	PEAK
3	* 9847.880	11.921	50.010	61.931	-12.069	74.000	54.000	PEAK
4	12309.960	13.893	39.020	52.912	-21.088	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 11:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-B (CH11)

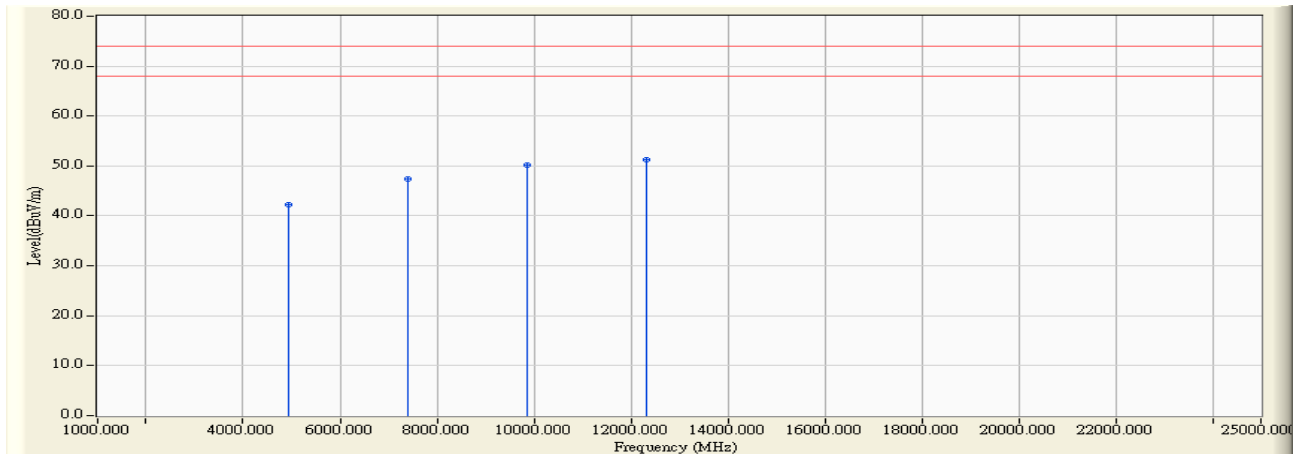


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4925.800	2.606	41.140	43.746	-10.254	74.000	54.000	AVERAGE
2	*	9847.960	11.922	38.960	50.881	-3.119	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-G (CH11)

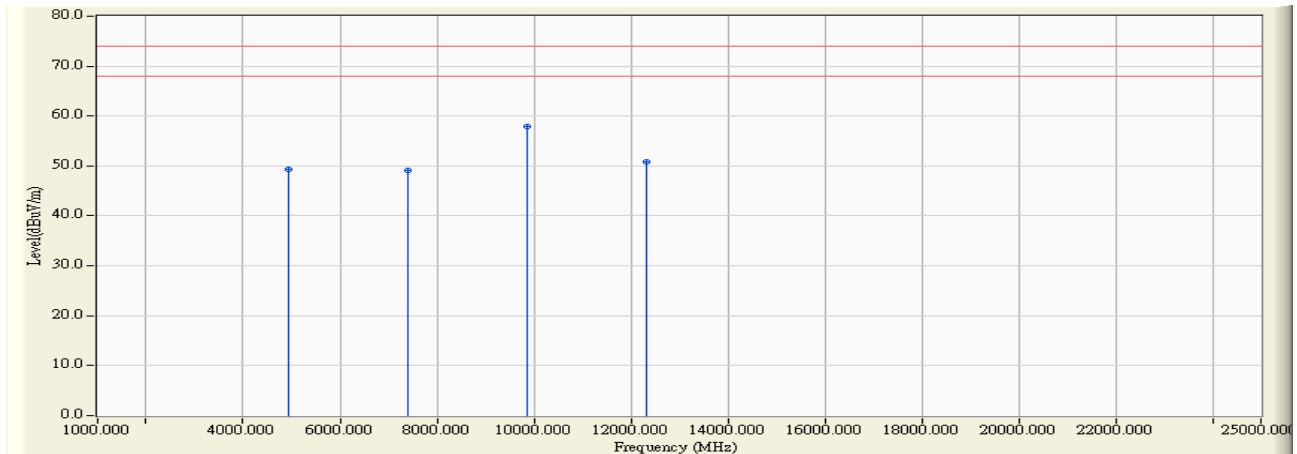


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.960	0.667	41.540	42.208	-31.792	74.000	54.000	PEAK
2		7386.000	7.581	39.720	47.301	-26.699	74.000	54.000	PEAK
3		9848.000	11.618	38.670	50.288	-23.712	74.000	54.000	PEAK
4	*	12309.960	14.633	36.720	51.353	-22.647	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:42
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-G (CH11)

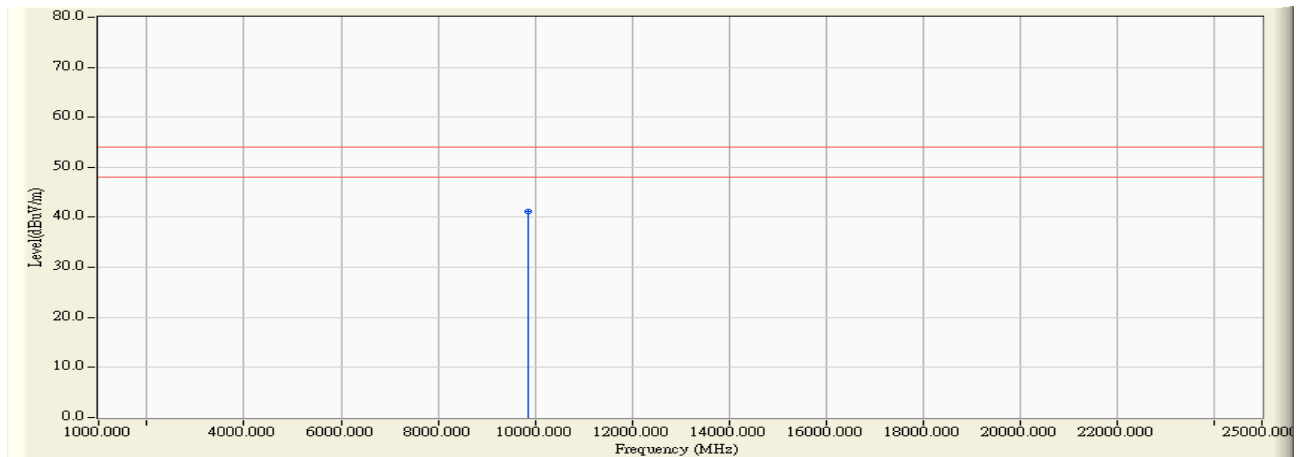


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4923.960	2.604	46.680	49.284	-24.716	74.000	54.000	PEAK
2	7386.000	6.760	42.390	49.150	-24.850	74.000	54.000	PEAK
3	* 9848.000	11.922	45.960	57.881	-16.119	74.000	54.000	PEAK
4	12309.960	13.893	37.040	50.932	-23.068	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 19:47
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-G (CH11)

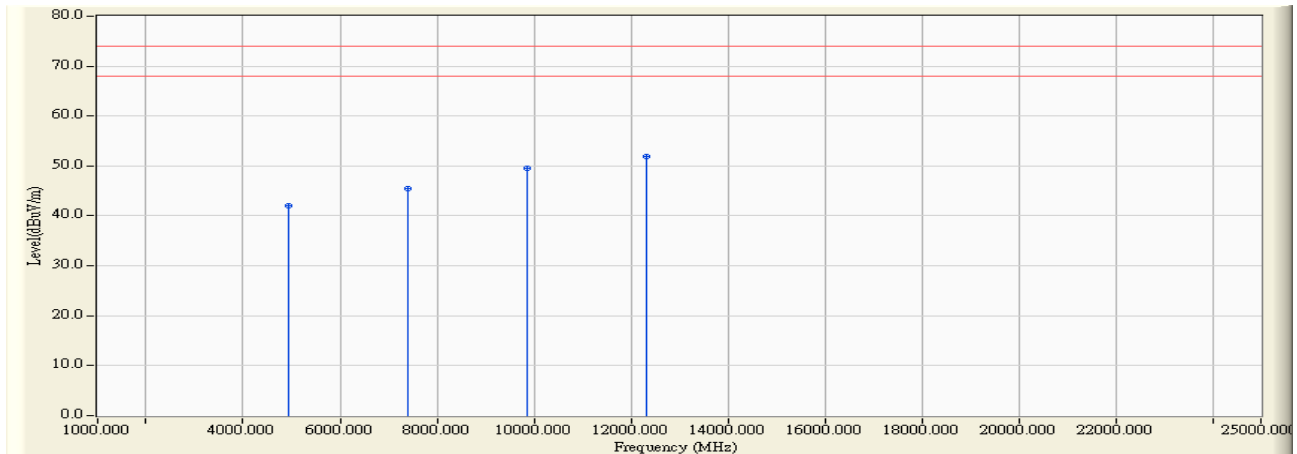


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	9849.400	11.929	29.170	41.098	-12.902	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-N(20M) (CH11)

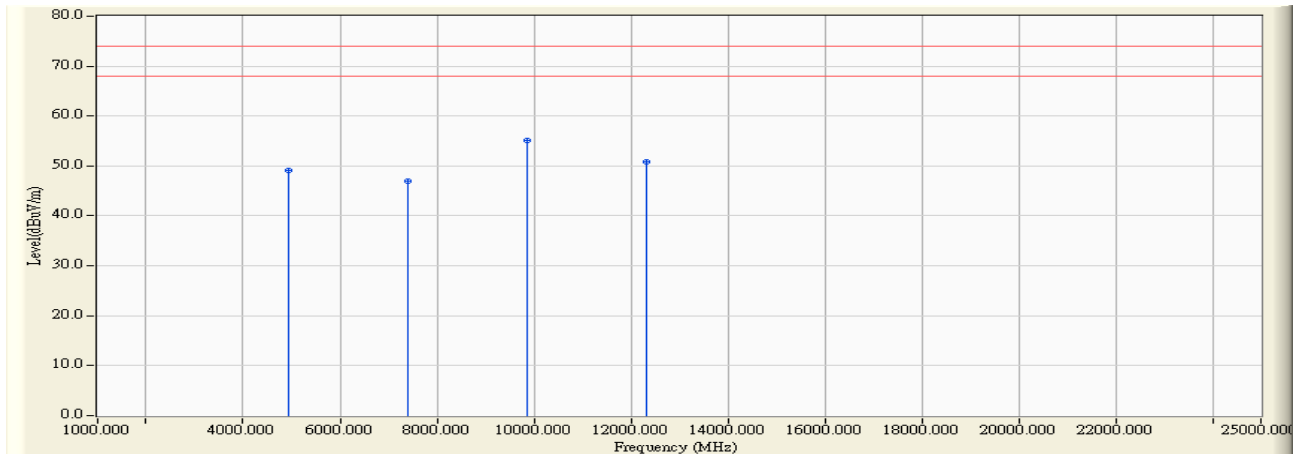


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4936.000	0.702	41.300	42.002	-31.998	74.000	54.000	PEAK
2		7386.000	7.581	37.970	45.551	-28.449	74.000	54.000	PEAK
3		9848.000	11.618	38.000	49.618	-24.382	74.000	54.000	PEAK
4	*	12309.960	14.633	37.190	51.823	-22.177	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/03 - 20:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-N(20M) (CH11)

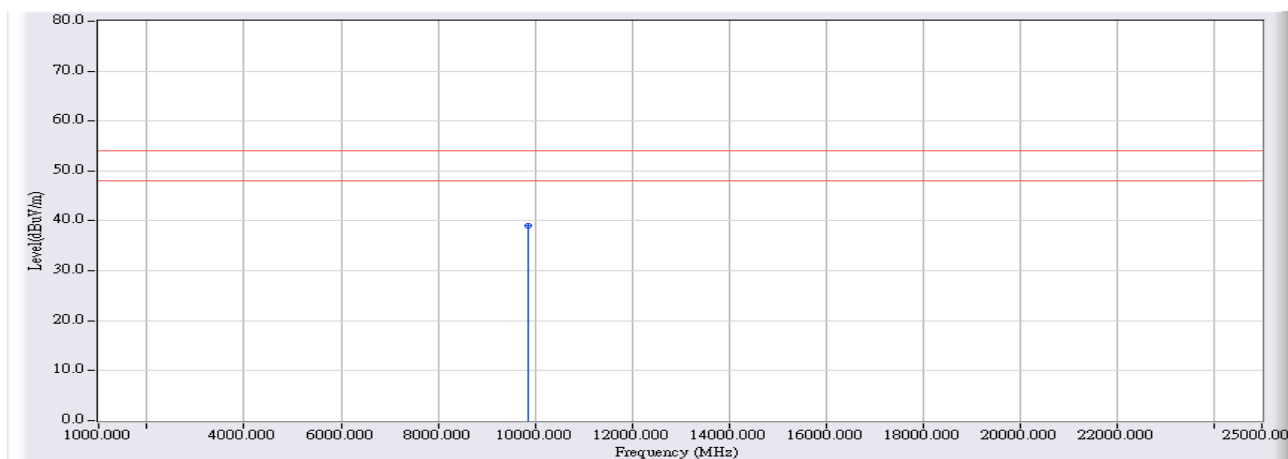


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4923.870	2.604	46.580	49.184	-24.816	74.000	54.000	PEAK
2	7386.000	6.760	40.220	46.980	-27.020	74.000	54.000	PEAK
3	* 9848.230	11.923	43.100	55.023	-18.977	74.000	54.000	PEAK
4	12309.960	13.893	36.850	50.742	-23.258	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/04/09 - 22:42
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-0115) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : TX-2462MHz-N(20M) (CH11)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	9848.250	11.923	27.140	39.063	-14.937	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

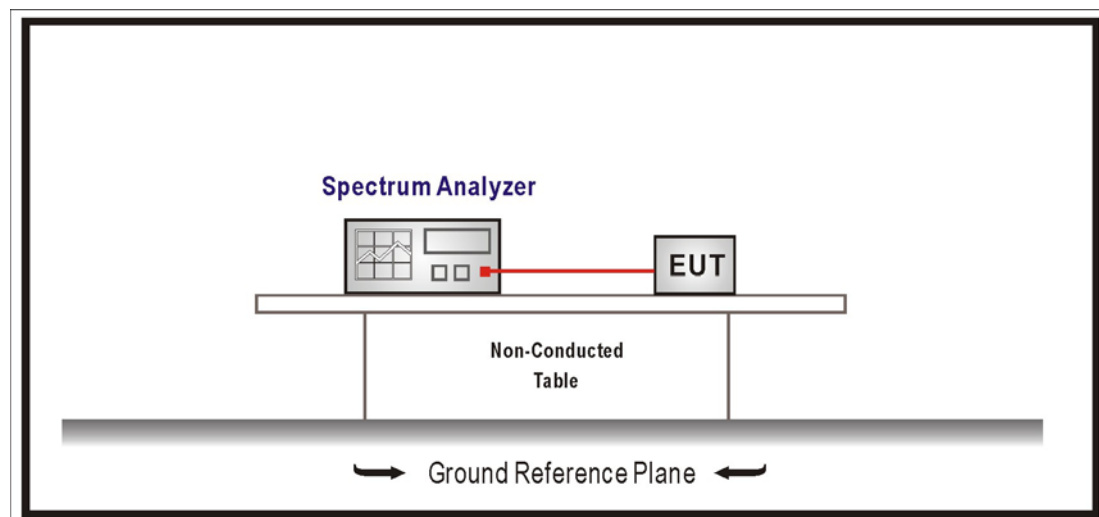
RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with "X" are used to measure the final test results.

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

5.6. Uncertainty

The measurement uncertainty

Conducted is defined as $\pm 1.27\text{dB}$

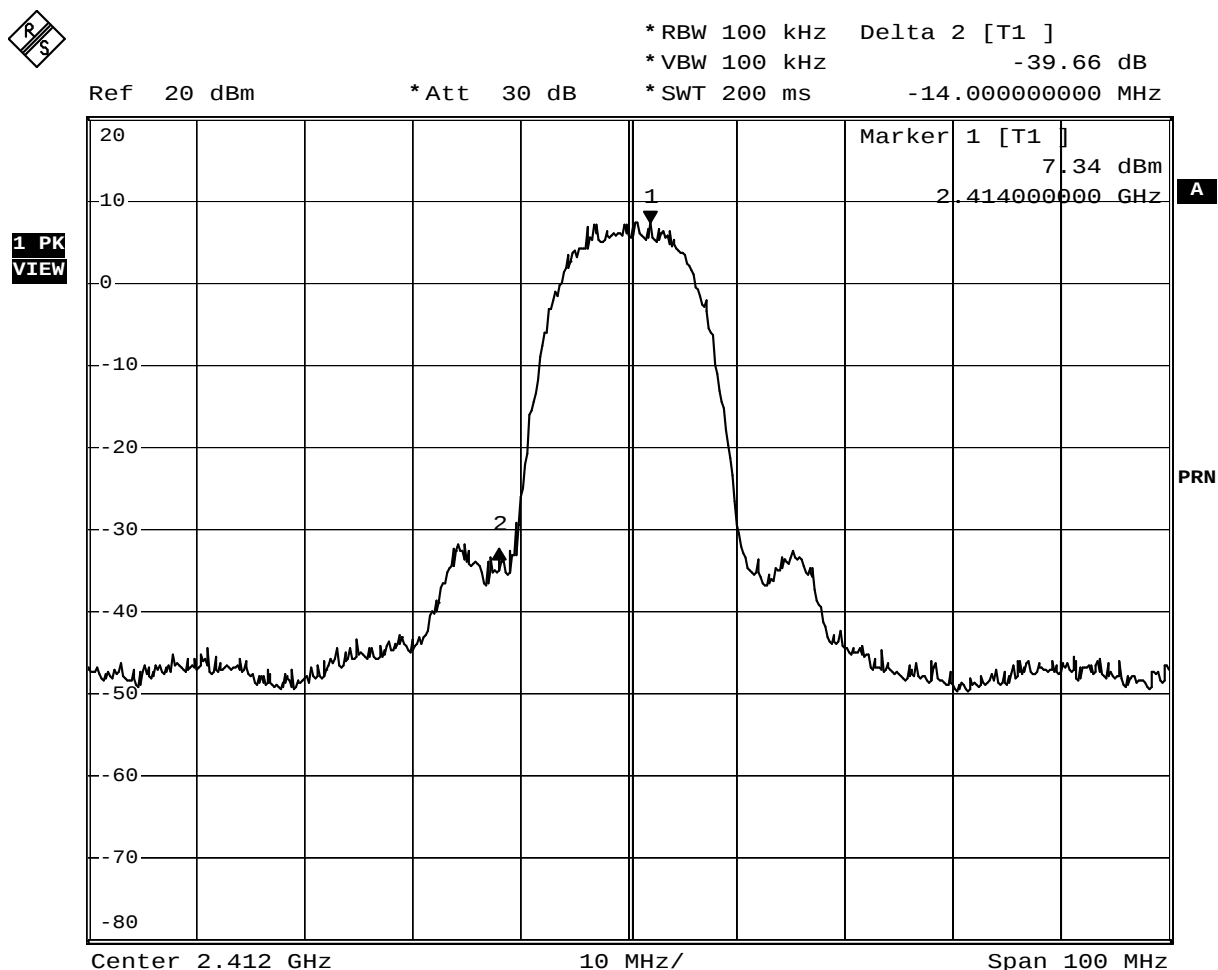
Radiated is defined as $\pm 3.9\text{dB}$

5.7. Test Result

Product	Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

IEEE 802.11b, Antenna Gain: 2dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	39.66	≥ 20	Pass
11	2462	51.96	≥ 20	Pass

Channel 01 (2412MHz)



Date: 31.MAR.2009 22:59:09

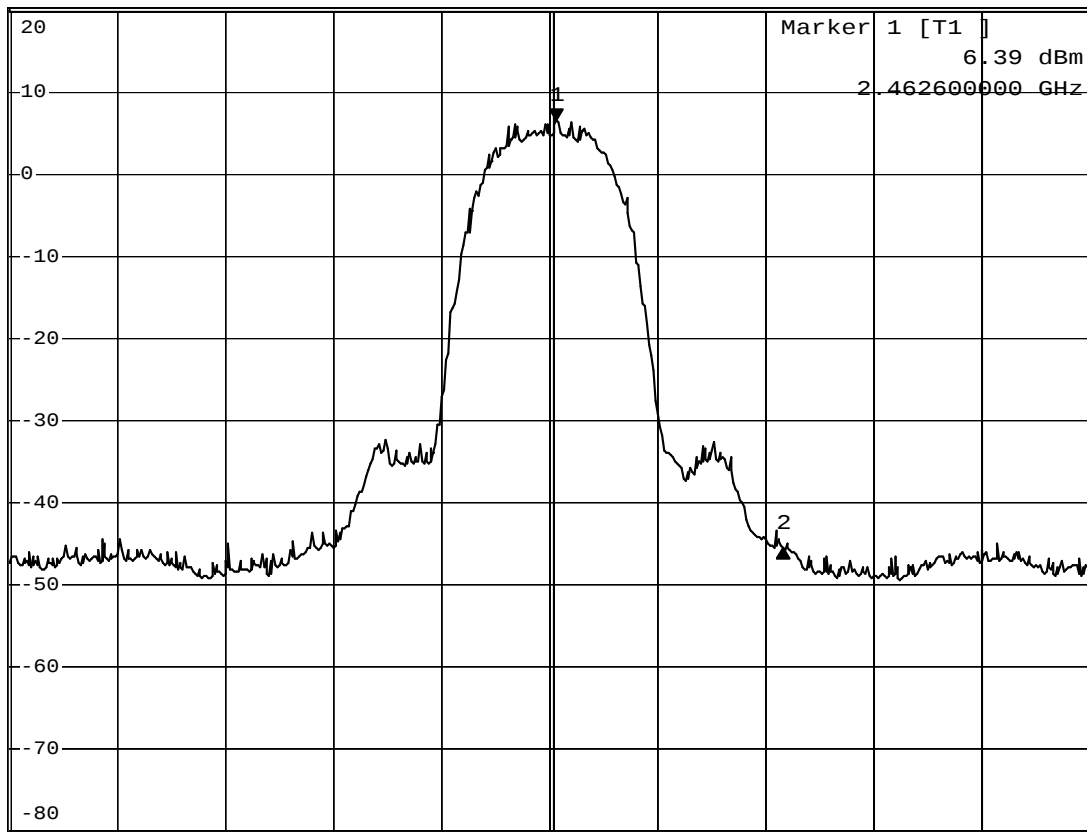
Channel 11 (2462MHz)



*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz -51.96 dB

Ref 20 dBm *Att 30 dB *SWT 200 ms 20.900000000 MHz

1 PK
VIEW



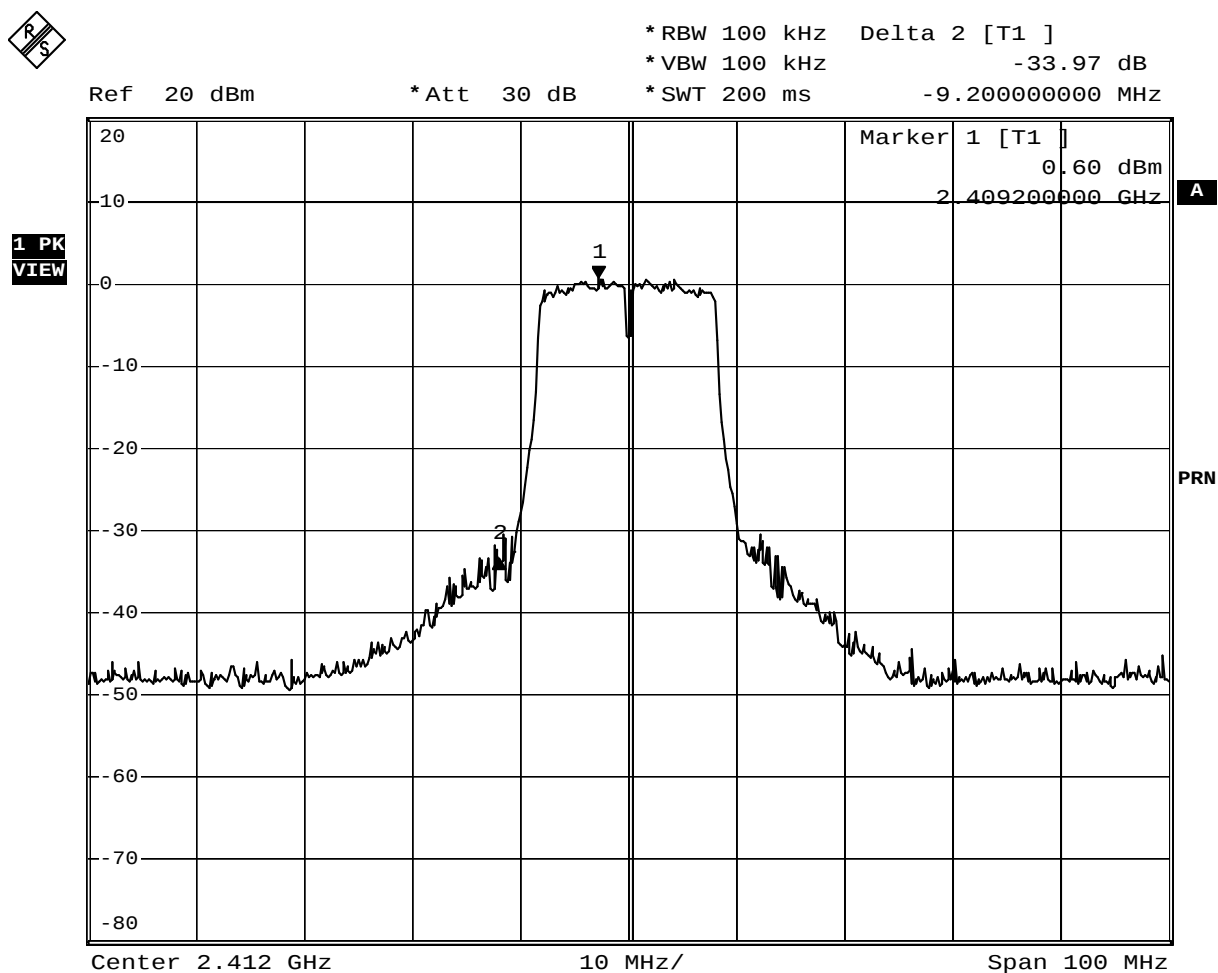
Center 2.462 GHz 10 MHz/ Span 100 MHz

Date: 31.MAR.2009 23:02:18

Product	Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

IEEE 802.11g, Antenna Gain: 2dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	33.97	≥ 20	Pass
11	2462	46.16	≥ 20	Pass

Channel 01 (2412MHz)



Date: 31.MAR.2009 23:03:55

Channel 11 (2462MHz)

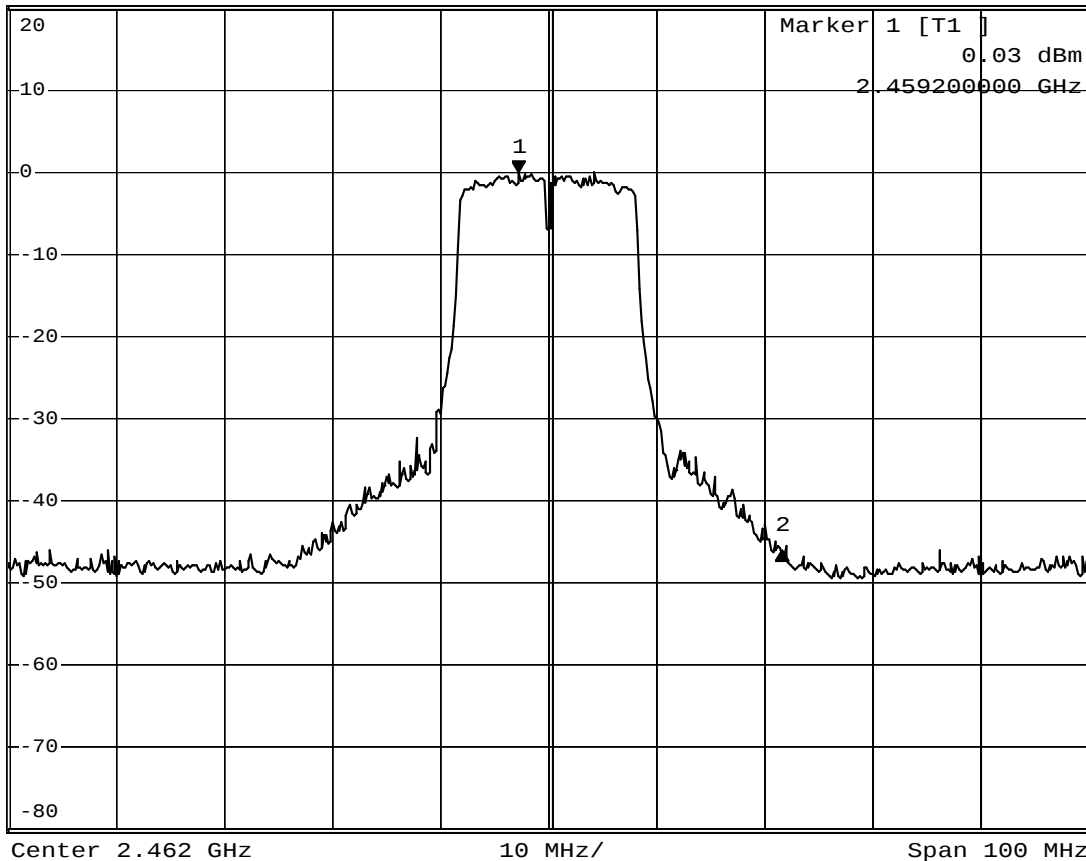


*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz -46.16 dB
 *SWT 200 ms 24.300000000 MHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW

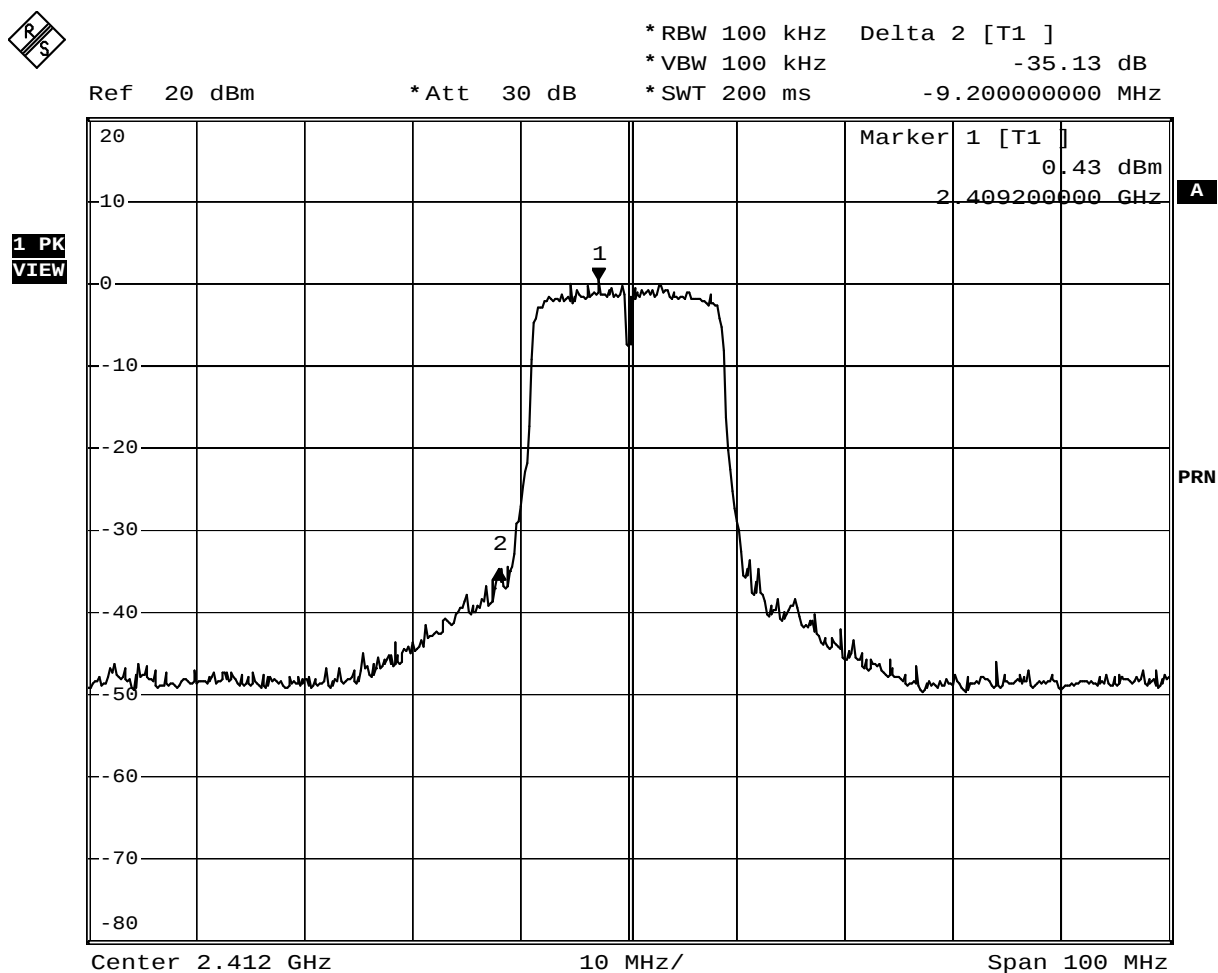


Date: 31.MAR.2009 23:05:12

Product	Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

IEEE 802.11n (ANT A (20MHz)), Antenna Gain: 2dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.13	≥20	Pass
11	2462	45.71	≥20	Pass

Channel 1 (2412MHz)



Date: 31.MAR.2009 23:07:07

Channel 11 (2462MHz)



*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz -45.71 dB
 *SWT 200 ms 24.300000000 MHz

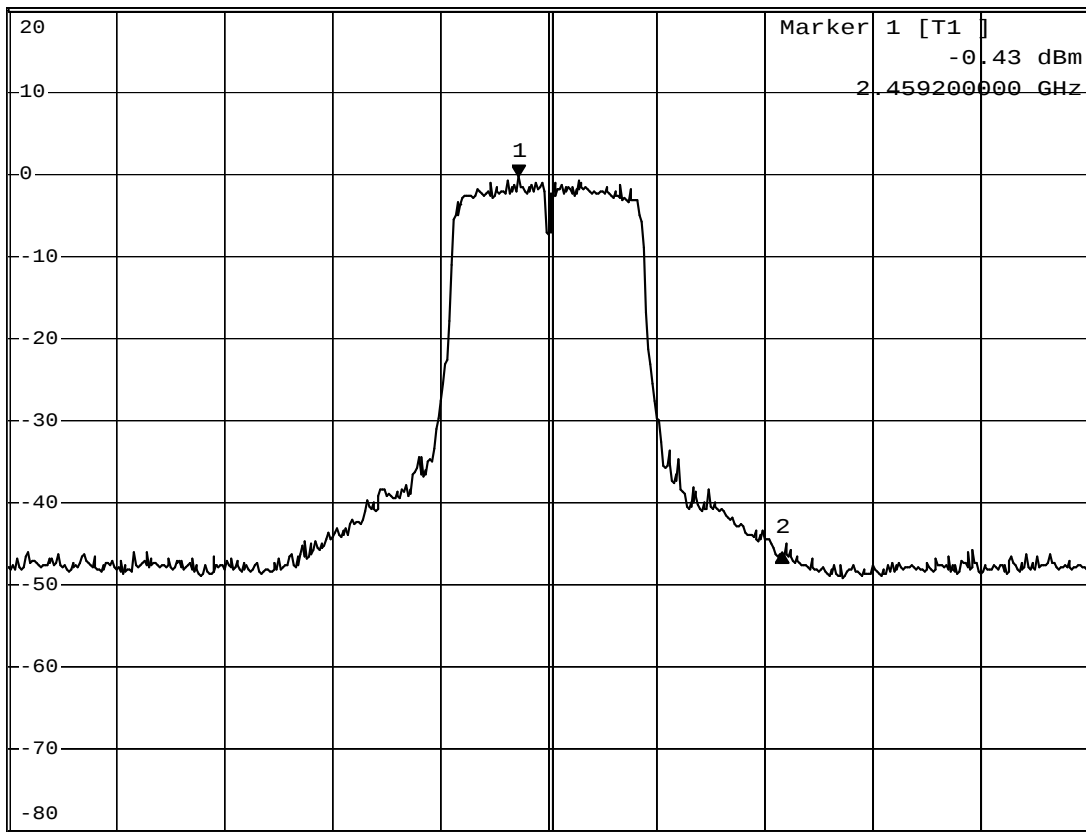
Ref 20 dBm

*Att 30 dB

*SWT 200 ms

24.300000000 MHz

1 PK
VIEW



Center 2.462 GHz

10 MHz/

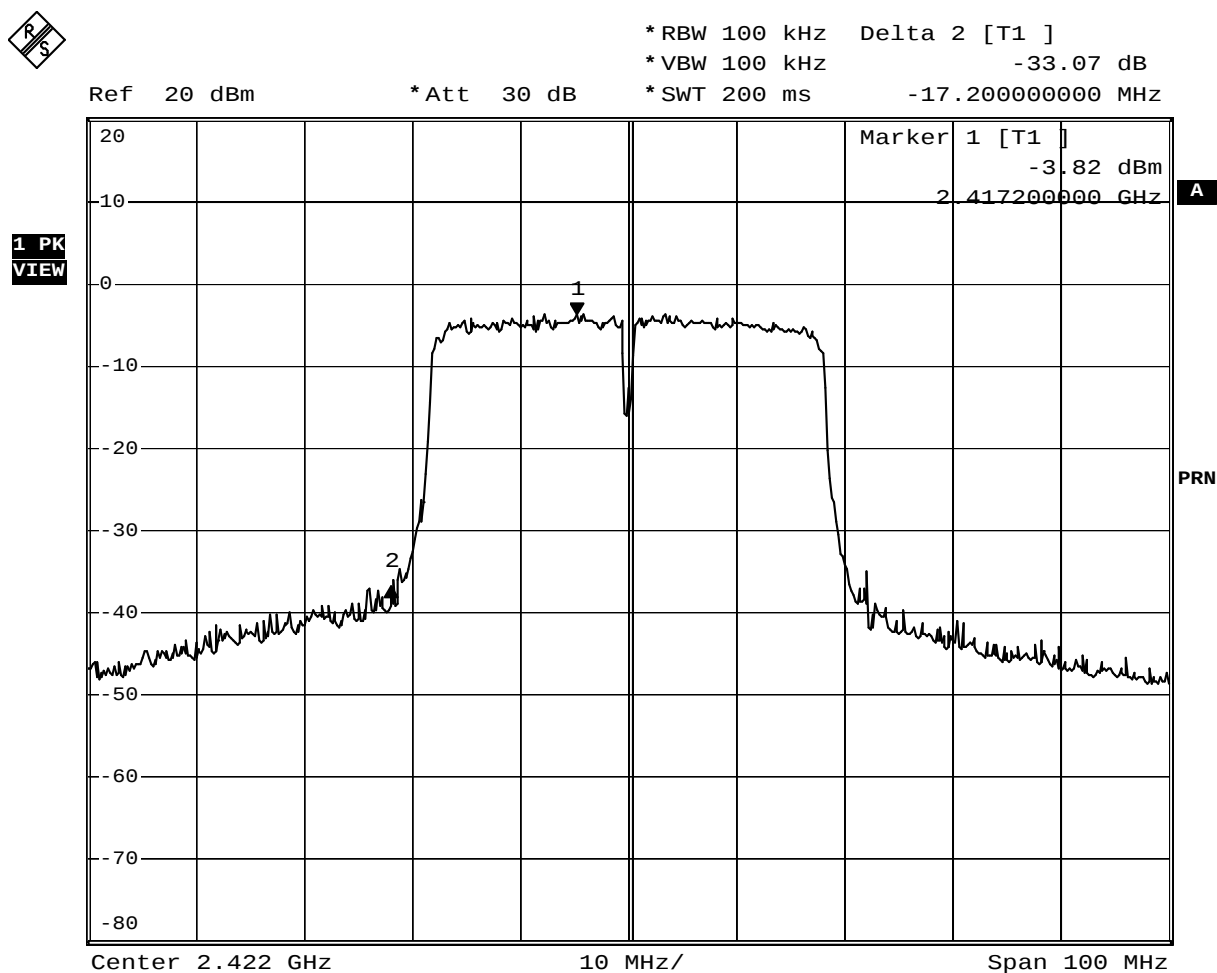
Span 100 MHz

Date: 31.MAR.2009 23:08:30

Product	Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

IEEE 802.11n (ANT A (40MHz)), Antenna Gain: 2dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	33.07	≥20	Pass
9	2452	39.20	≥20	Pass

Channel 3 (2422MHz)



Date: 31.MAR.2009 23:09:51

Channel 9 (2452MHz)

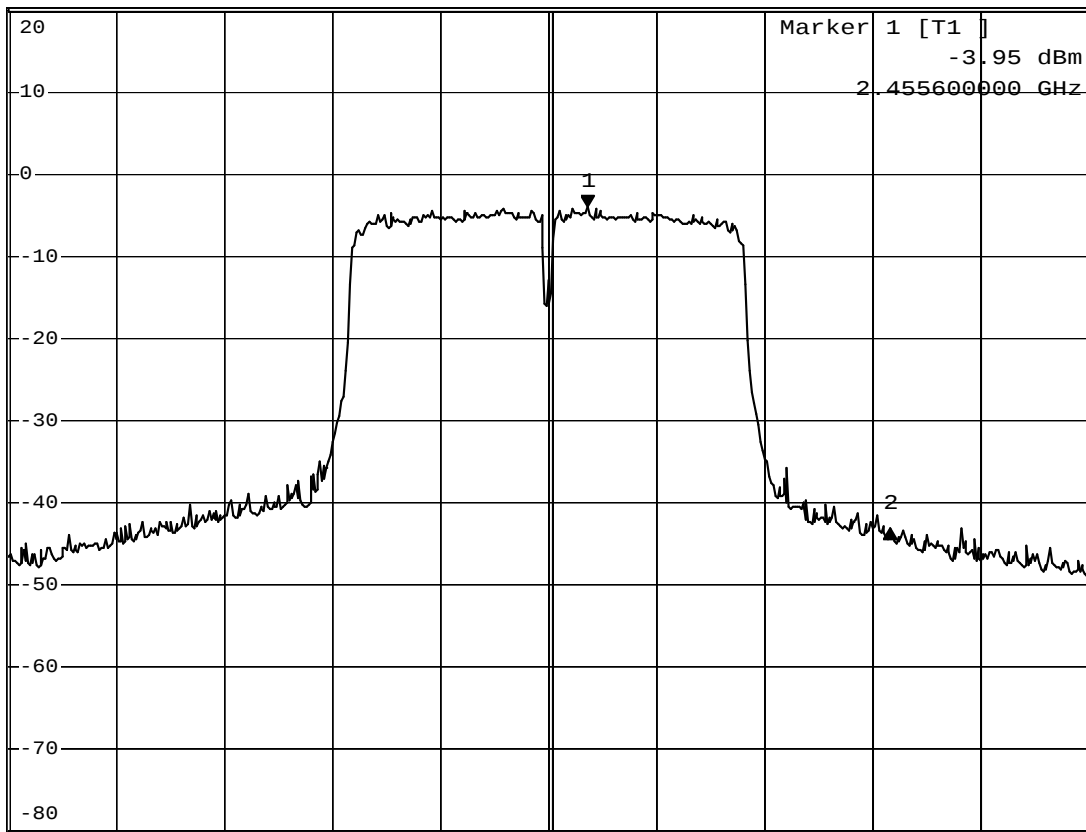


*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz -39.20 dB
 *SWT 200 ms 27.900000000 MHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.452 GHz

10 MHz/

Span 100 MHz

Date: 31.MAR.2009 23:11:02

Product	Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

1-2.4G



* RBW 100 kHz

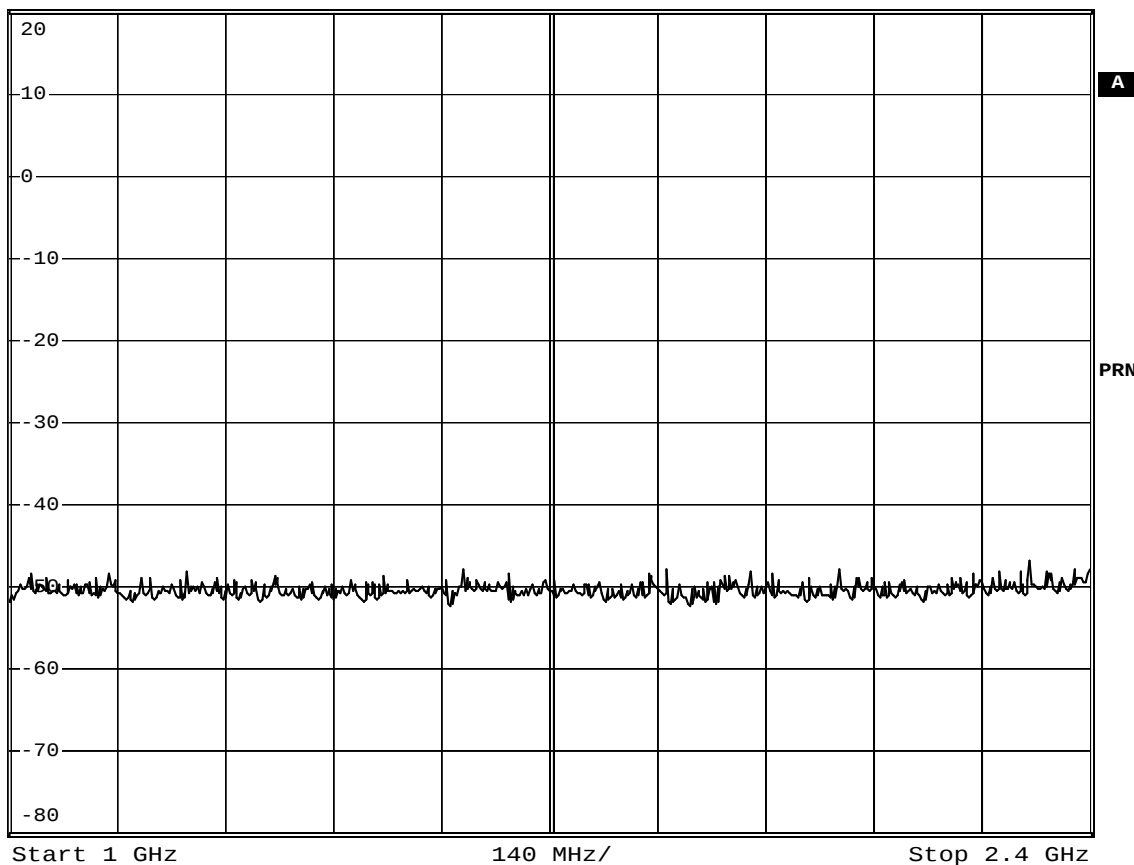
* VBW 100 kHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 31.MAR.2009 23:11:51

2.5G-4.5G



*RBW 100 kHz Marker 1 [T1]
 *VBW 100 kHz -49.75 dBm
 SWT 205 ms 4.500000000 GHz

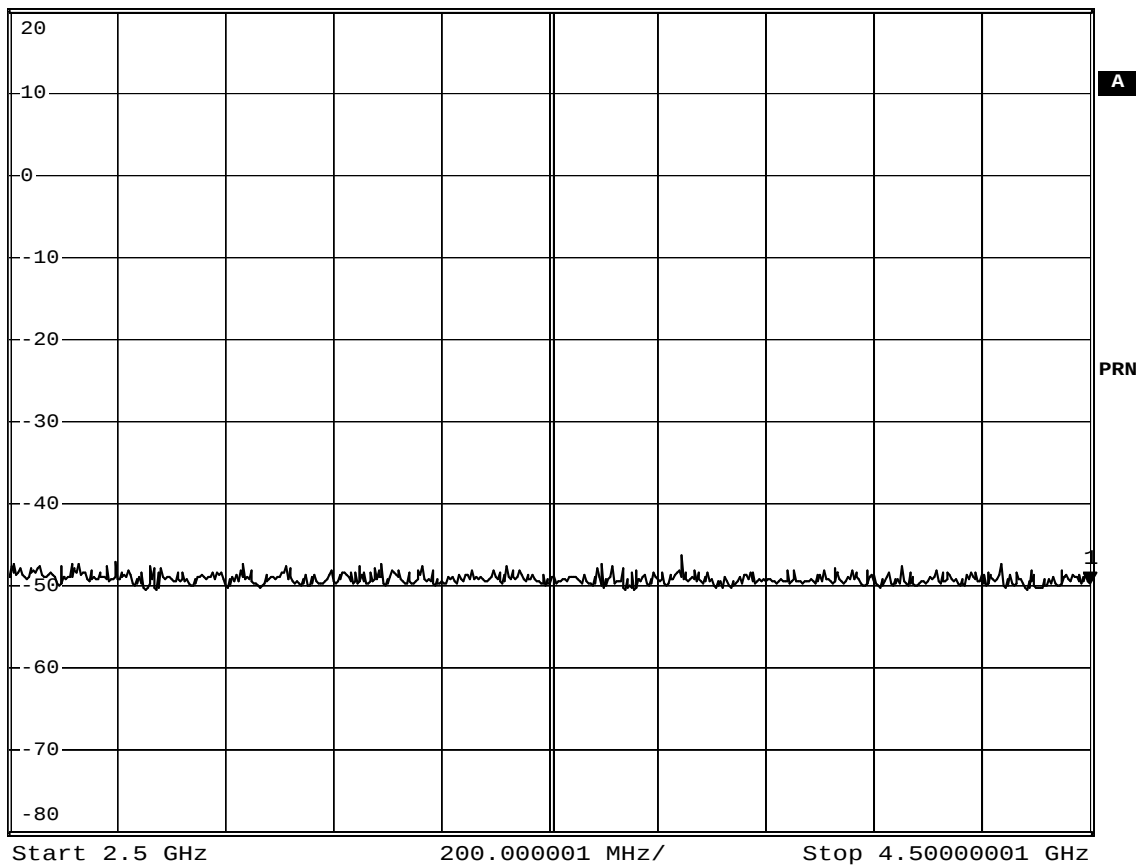
Ref 20 dBm

*Att 30 dB

SWT 205 ms

4.500000000 GHz

1 PK
VIEW



Date: 31.MAR.2009 23:22:43

4.5G-6.5G

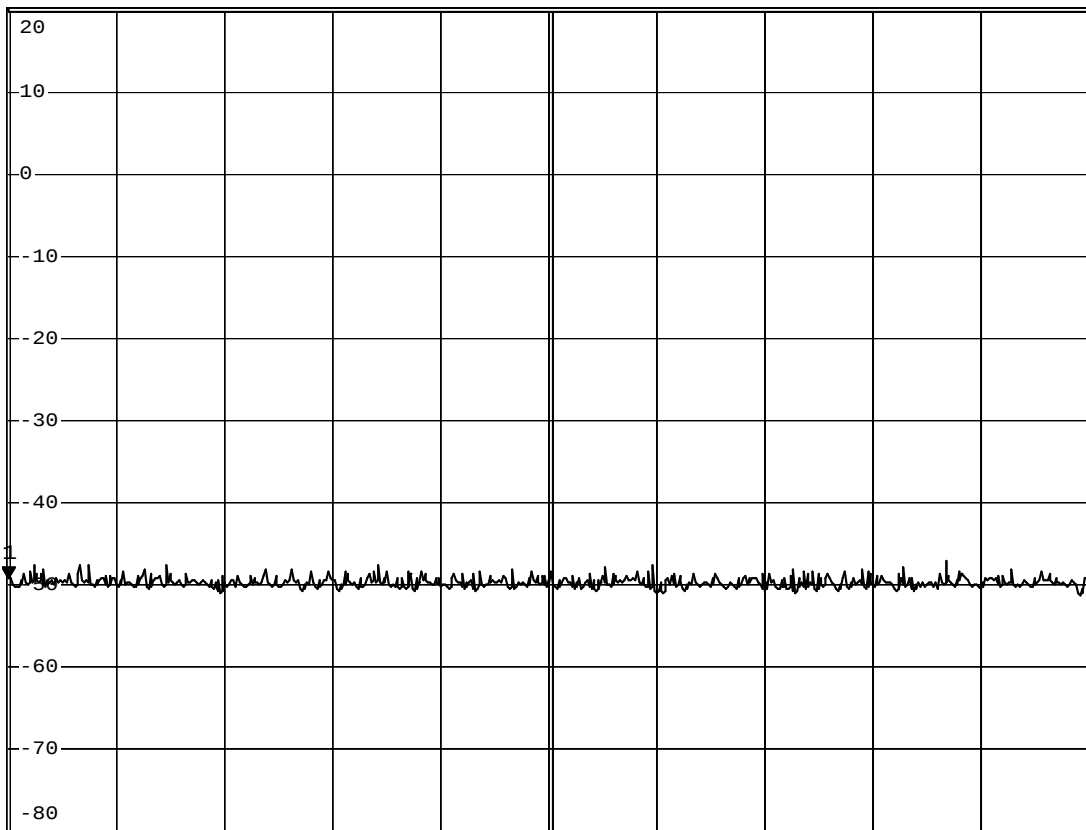


*RBW 100 kHz Marker 1 [T1]
 *VBW 100 kHz -49.06 dBm
 SWT 200 ms 4.500000000 GHz

Ref 20 dBm

*Att 30 dB

1 PK
MAXH



Start 4.5 GHz

200 MHz/

Stop 6.5 GHz

Date: 31.MAR.2009 23:23:15

6.5-8.5G



* RBW 1 MHz

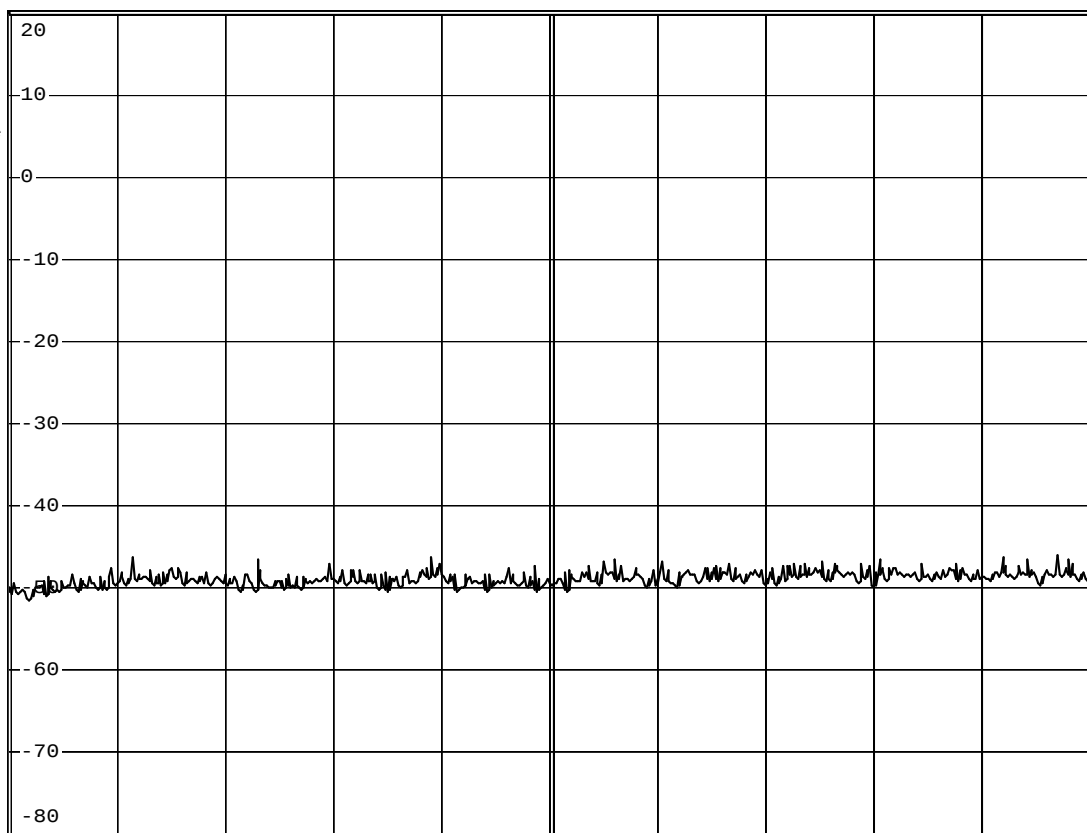
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Start 6.5 GHz

200 MHz/

Stop 8.5 GHz

A

PRN

Date: 4.APR.2009 00:32:41

8.5-10.5G



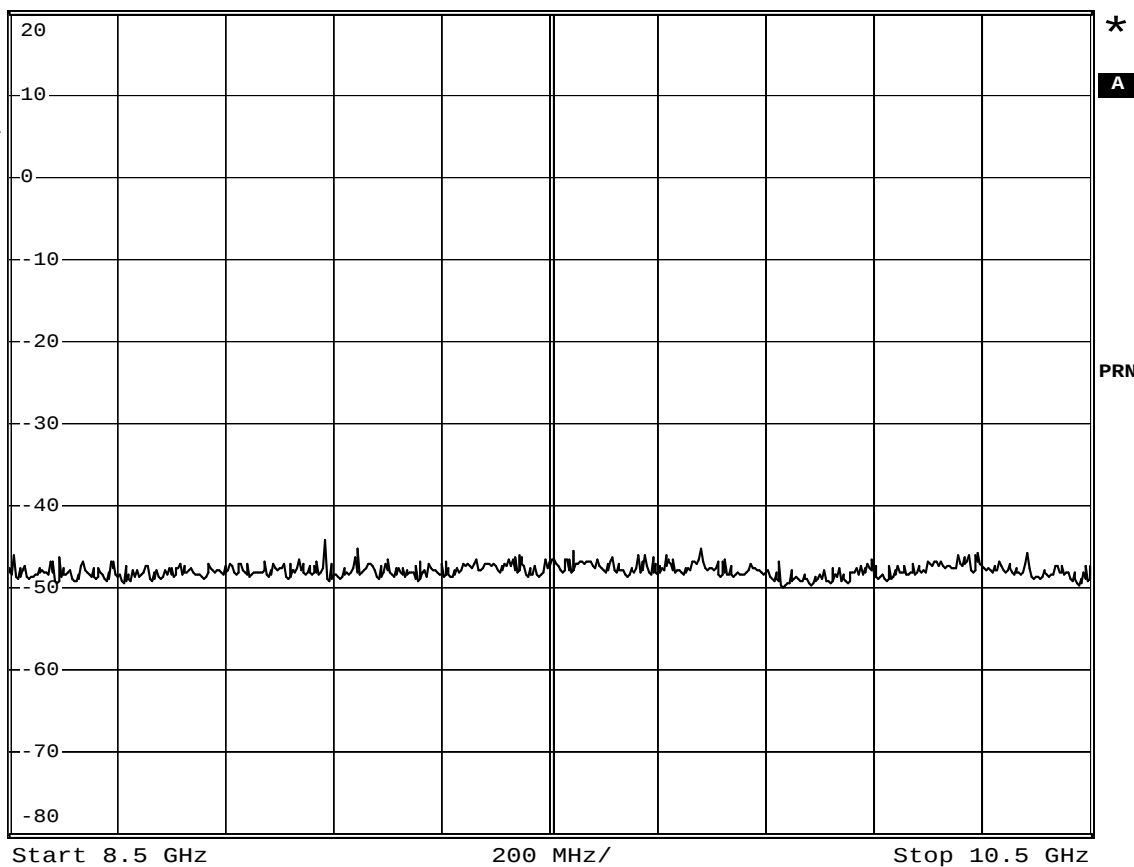
* RBW 1 MHz
* VBW 1 MHz
* SWT 200 ms

Ref 20 dBm

* Att 30 dB

* SWT 200 ms

1 PK
VIEW



Date: 4.APR.2009 00:33:12

10.5-12.5G



* RBW 1 MHz

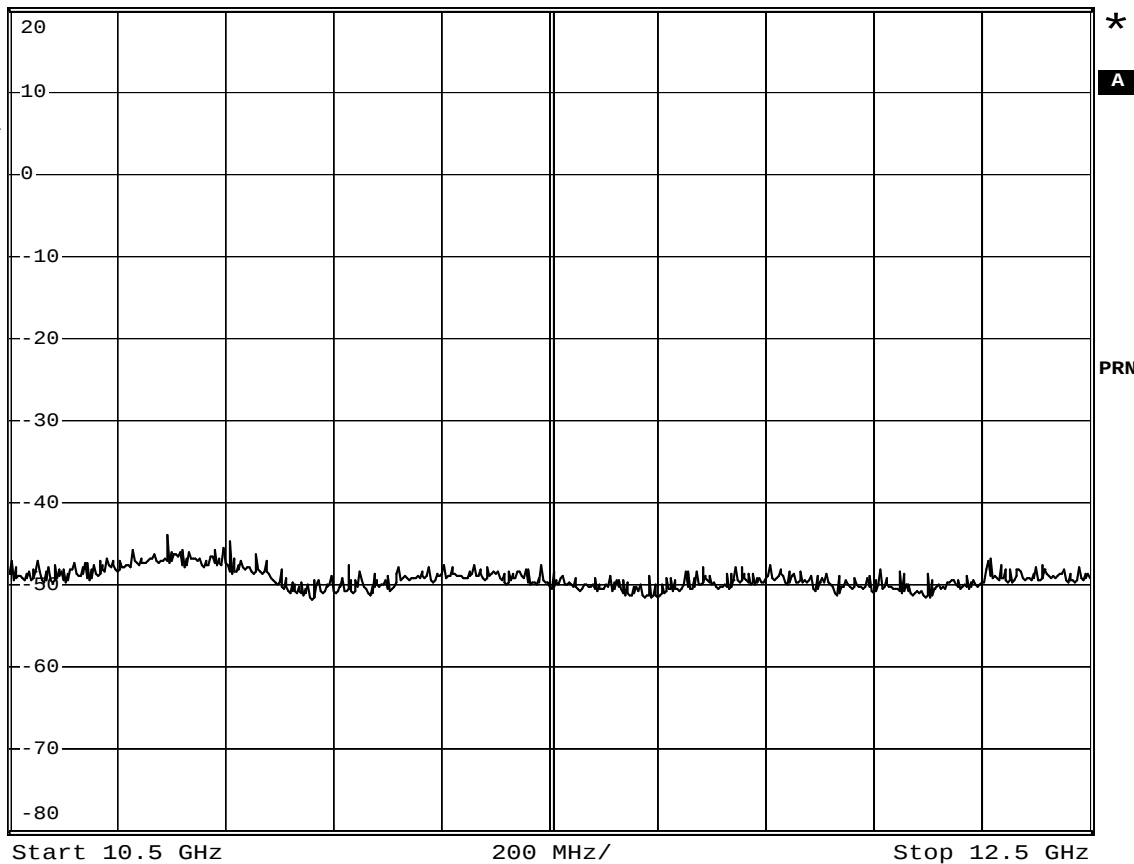
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 4.APR.2009 00:33:48

12.5-14.5G



* RBW 1 MHz

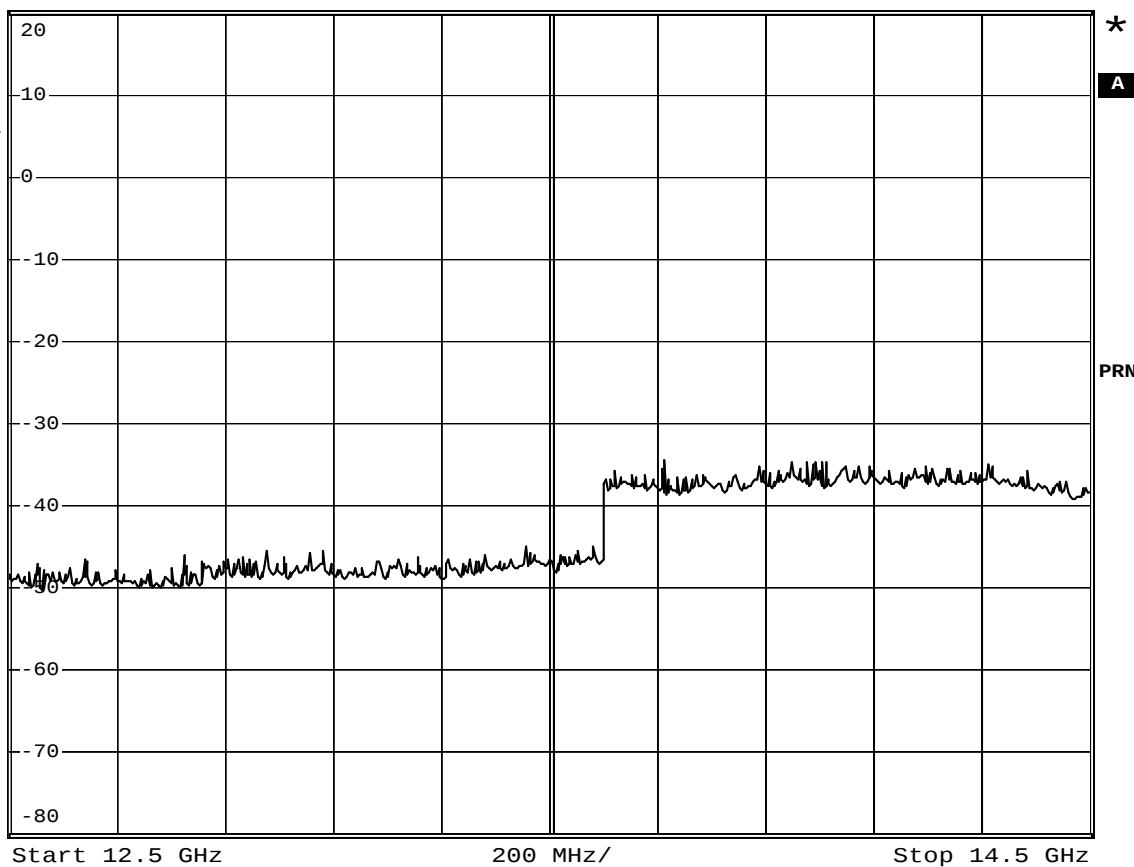
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 4.APR.2009 00:34:39

14.5-16.5G



* RBW 1 MHz

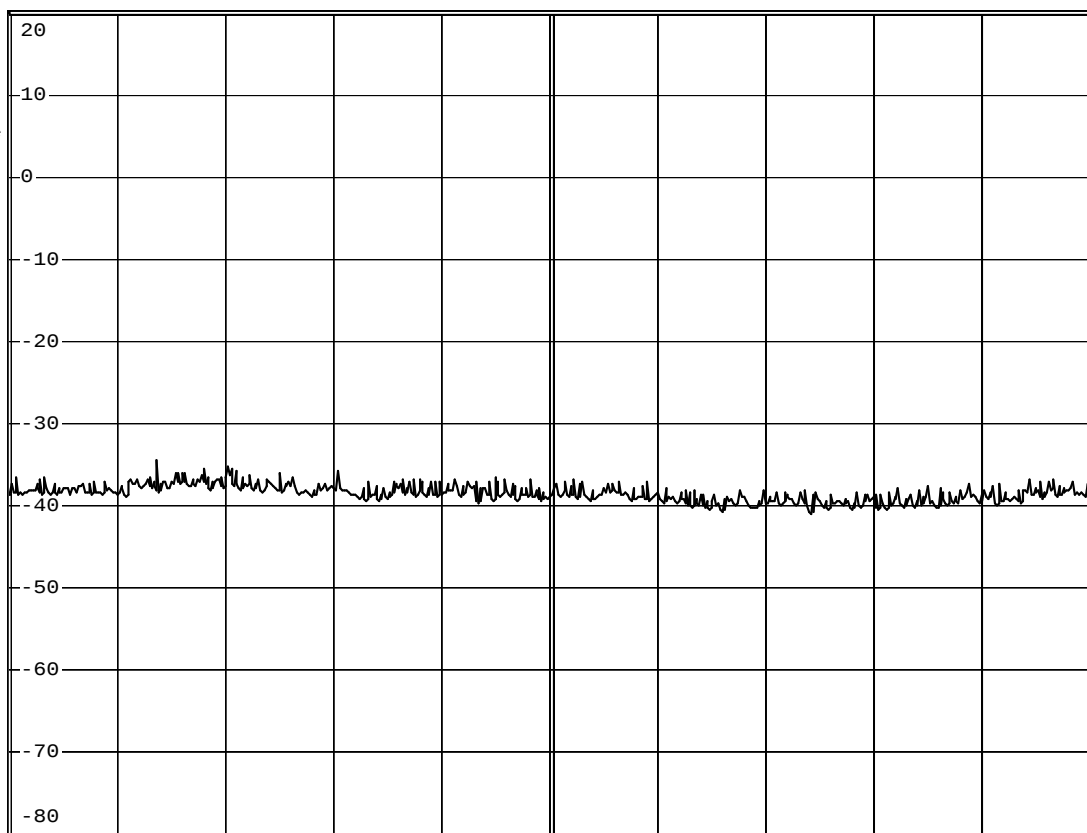
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Start 14.5 GHz

200 MHz/

Stop 16.5 GHz

Date: 4.APR.2009 00:35:35

16.5-18.5G



* RBW 1 MHz

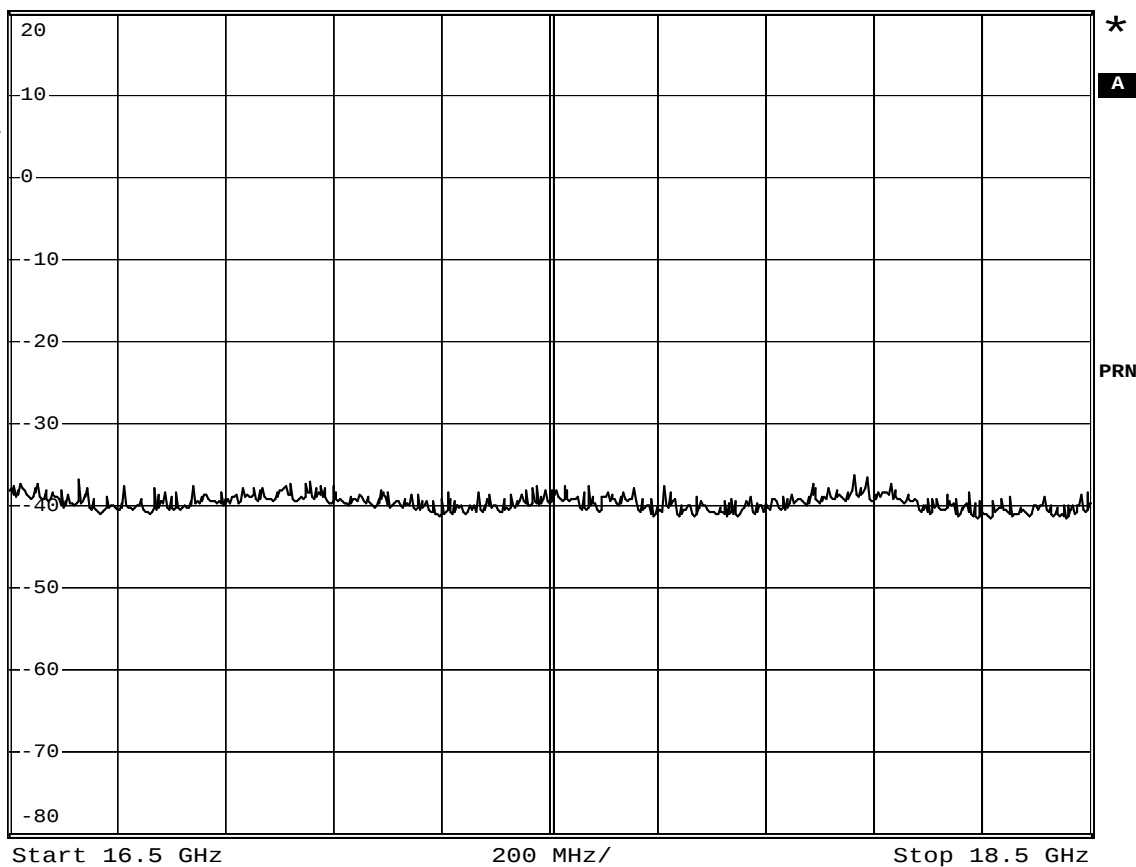
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 4.APR.2009 00:36:11

18.5-20.5G



* RBW 1 MHz

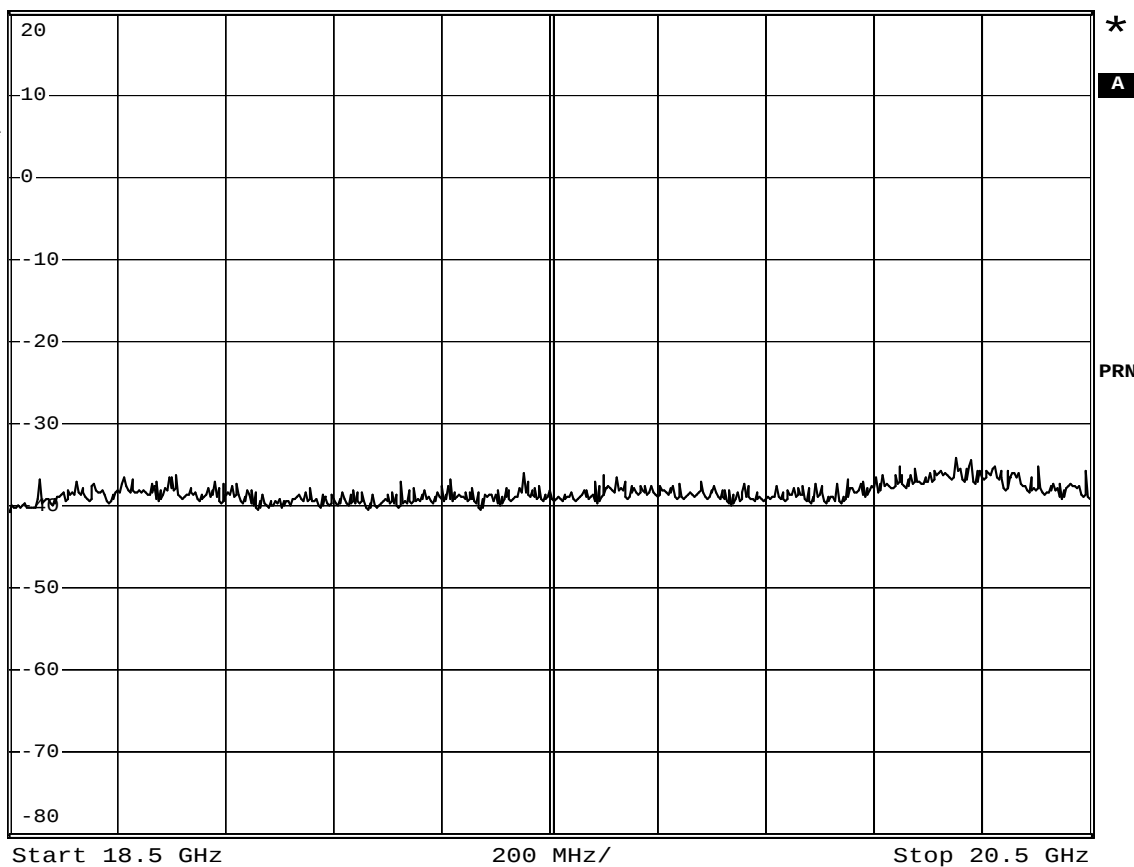
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 4.APR.2009 00:36:47

20.5-22.5G



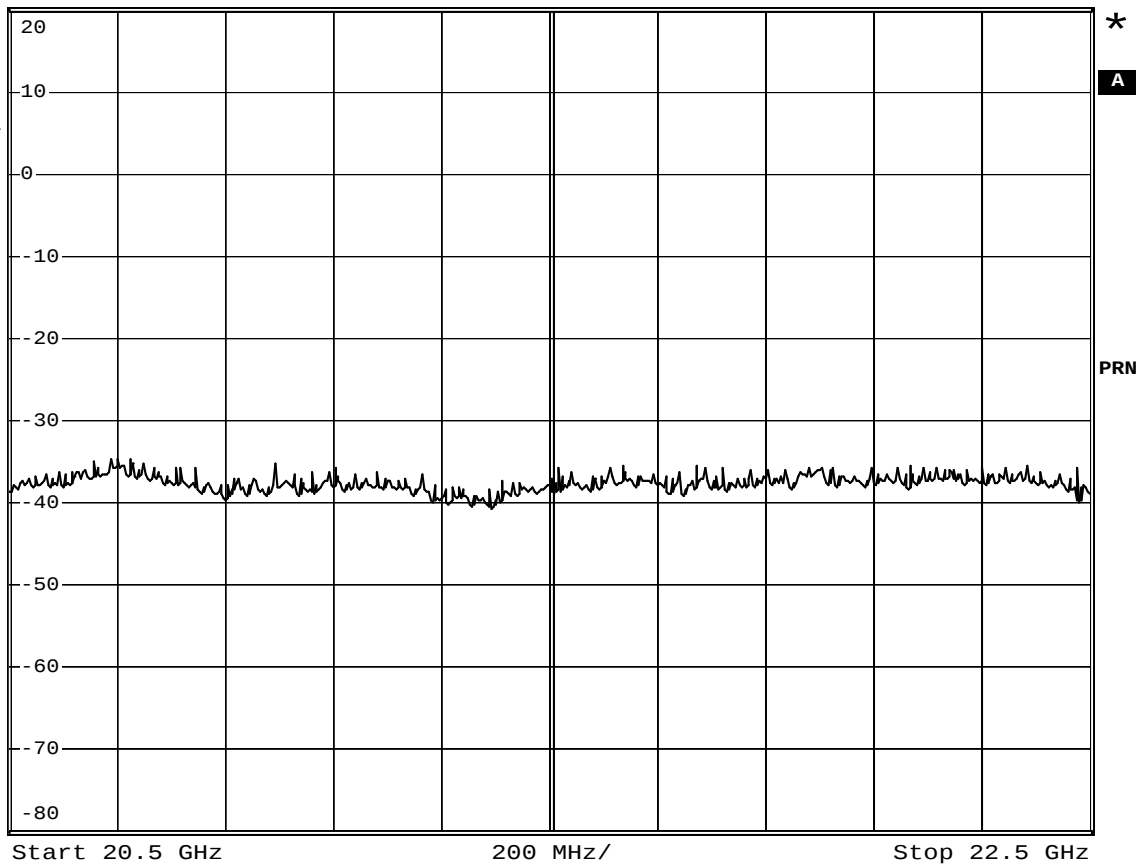
* RBW 1 MHz
* VBW 1 MHz
* SWT 200 ms

Ref 20 dBm

* Att 30 dB

* SWT 200 ms

1 PK
VIEW



Date: 4.APR.2009 00:37:58

22.5-24.5G



* RBW 1 MHz

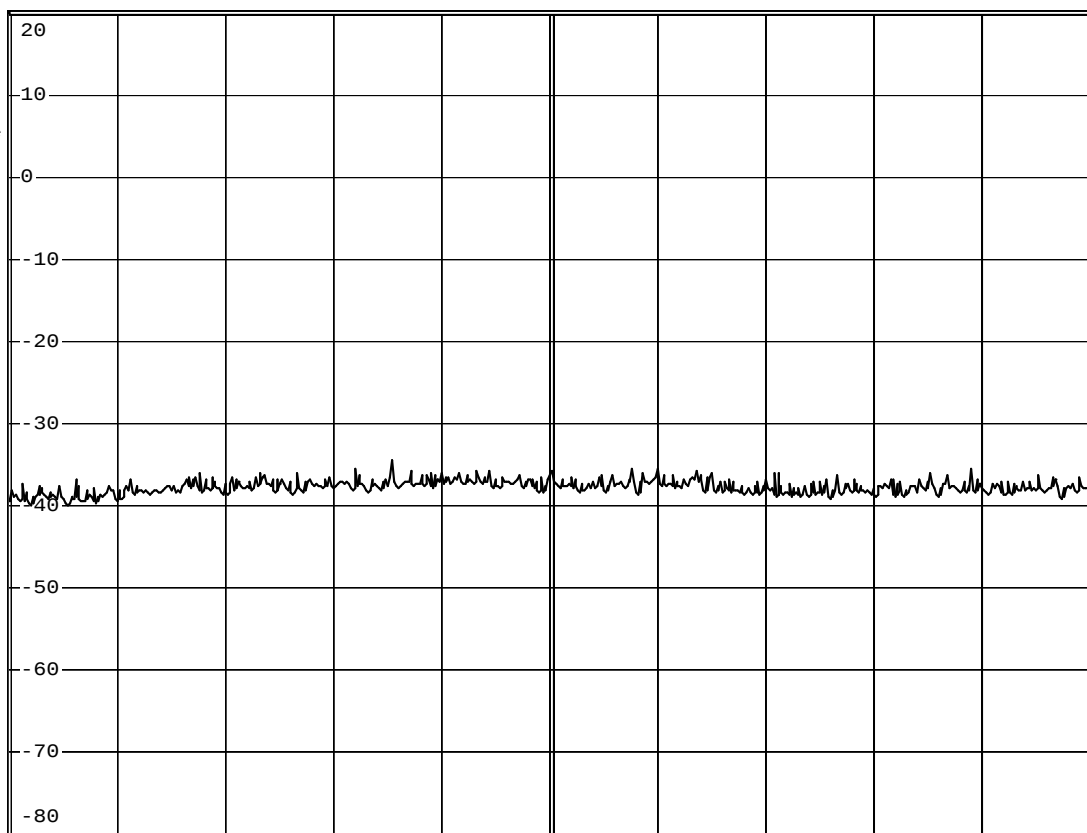
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Start 22.5 GHz

200 MHz/

Stop 24.5 GHz

Date: 4.APR.2009 00:38:24

24.5-26.5G



* RBW 1 MHz

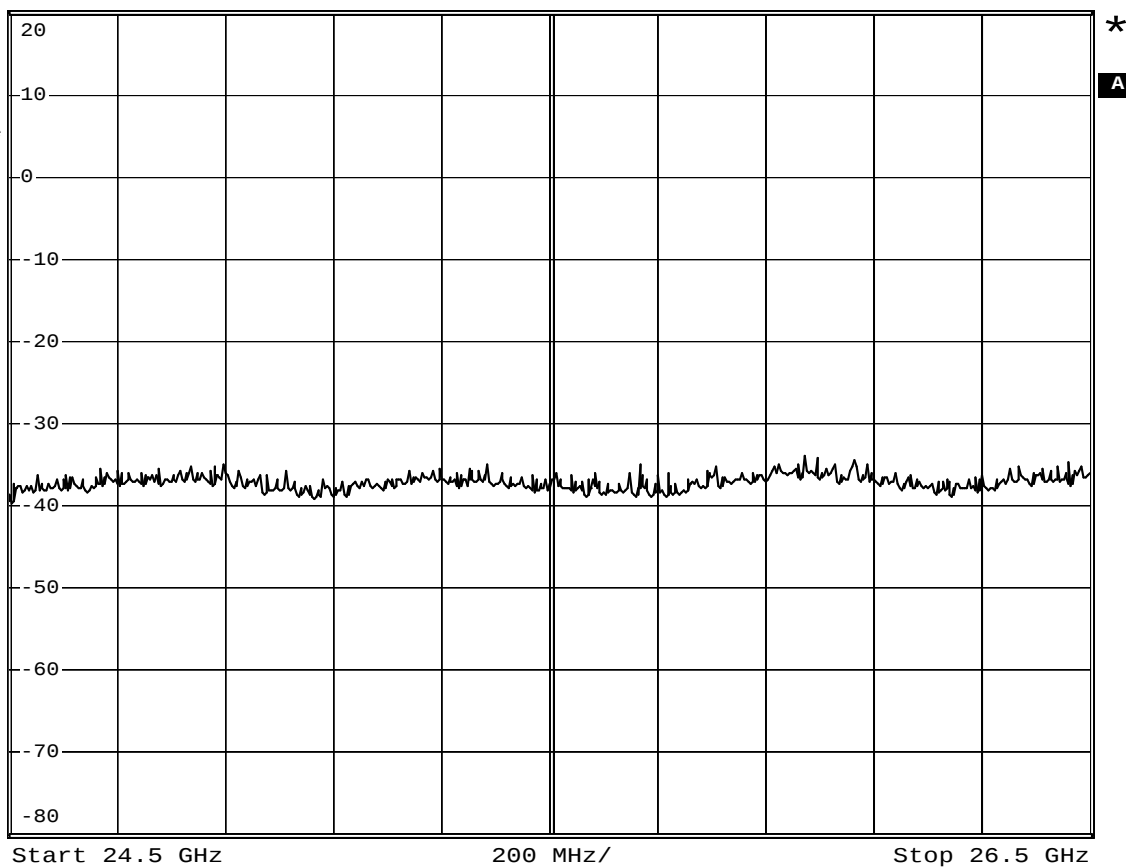
* VBW 1 MHz

* SWT 200 ms

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Date: 4.APR.2009 00:38:53

6. Radiated Emission Band Edge

6.1. Test Equipment

The following test equipments are used during the test:

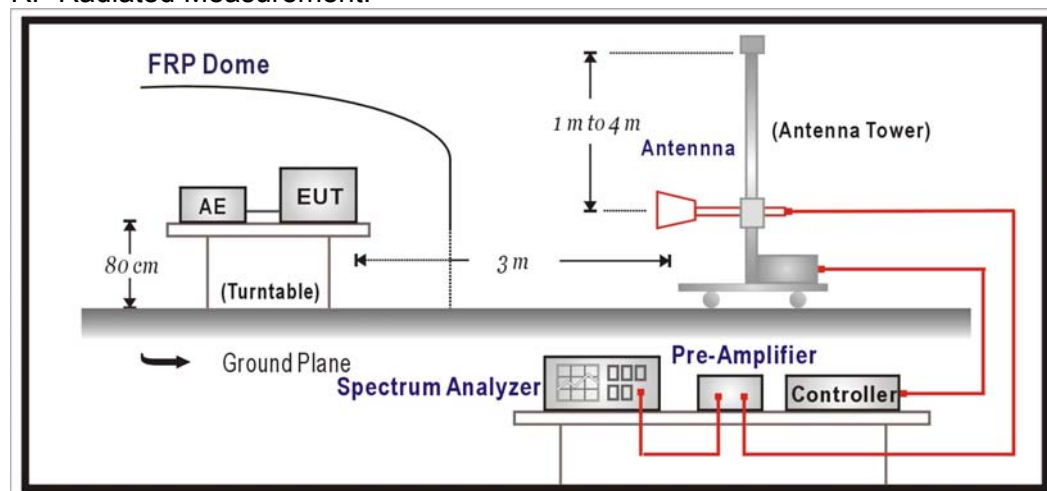
RF Radiated Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2008
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2009
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2008
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2008
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2008
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2008
7	No.1 OATS				Sep., 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with "X" are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

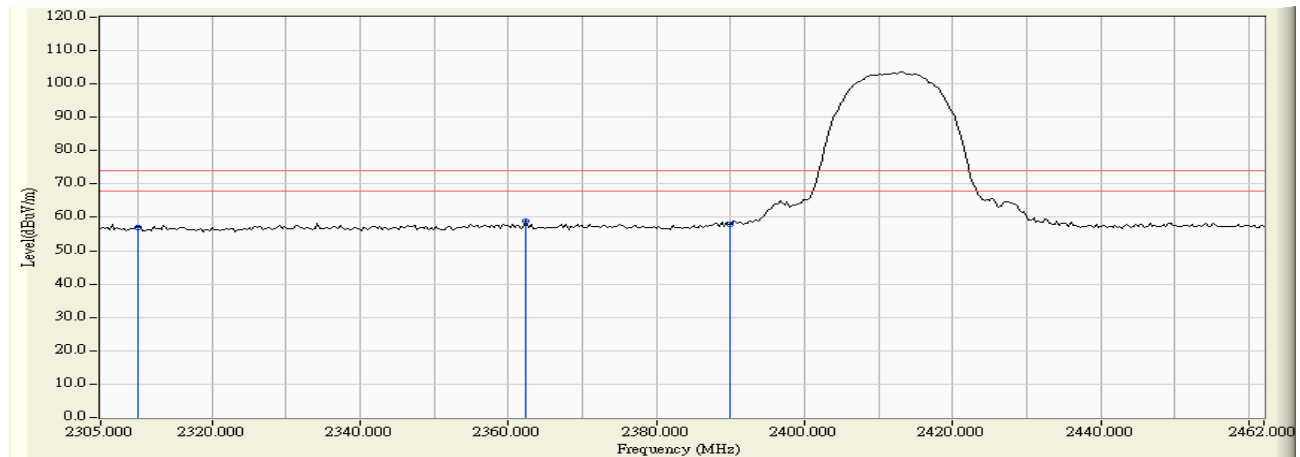
6.6. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : Site 1	Time : 2009/03/31 - 19:27
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-B (CH1)

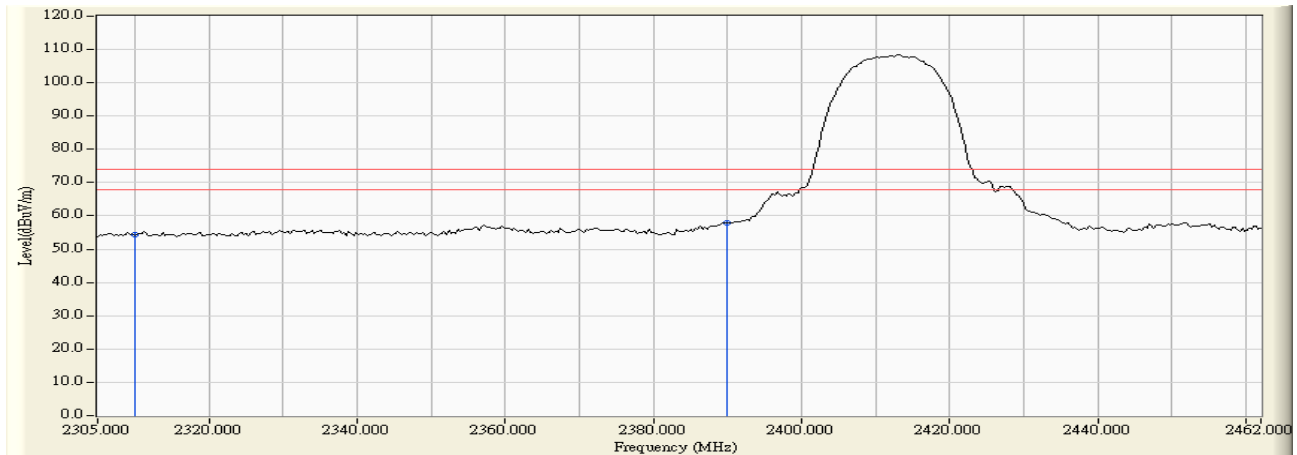


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	25.442	57.099	-16.901	74.000	54.000	PEAK
2	*	2362.462	31.902	26.990	58.892	-15.108	74.000	54.000	PEAK
3		2390.000	32.036	25.928	57.964	-16.036	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:46
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-B (CH1)

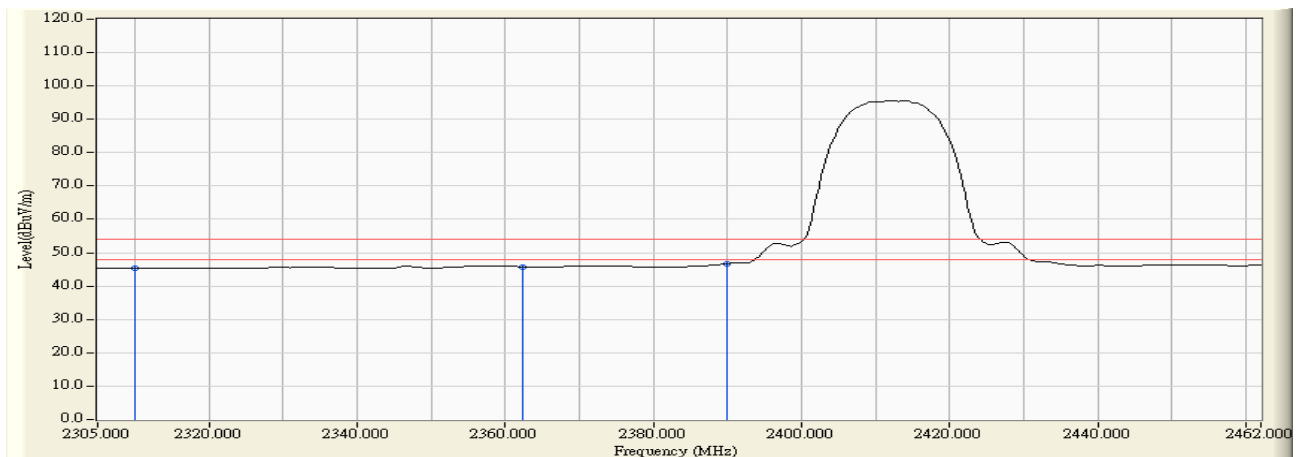


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	25.476	54.213	-19.787	74.000	54.000	PEAK
2	*	2390.000	28.470	29.431	57.901	-16.099	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:29
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-B (CH1)

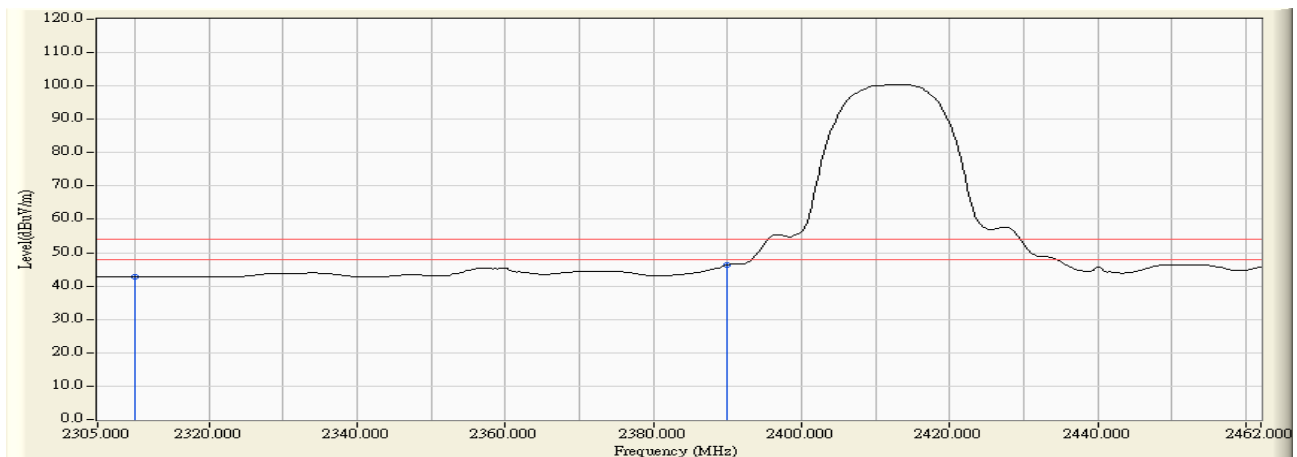


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	13.641	45.298	-8.702	74.000	54.000	AVERAGE
2	*	2362.462	31.902	13.860	45.762	-8.238	74.000	54.000	AVERAGE
3		2390.000	32.036	14.749	46.785	-7.215	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:48
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-B (CH1)

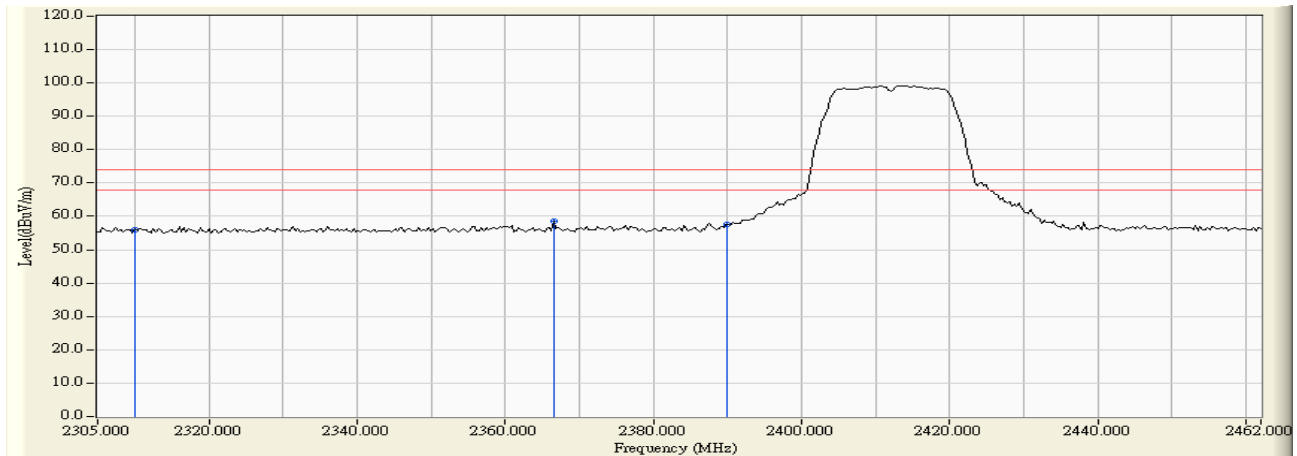


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	14.020	42.757	-11.243	74.000	54.000	AVERAGE
2	*	2390.000	28.470	17.904	46.374	-7.626	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:30
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-G (CH1)

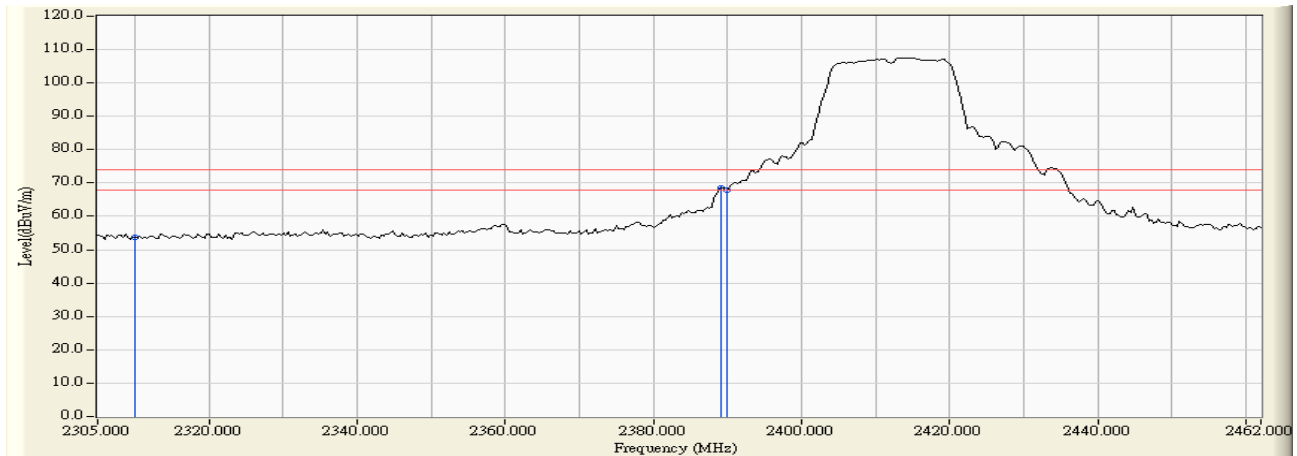


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	24.414	56.071	-17.929	74.000	54.000	PEAK
2	*	2366.544	31.922	26.594	58.516	-15.484	74.000	54.000	PEAK
3		2390.000	32.036	25.456	57.492	-16.508	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:49
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-G (CH1)

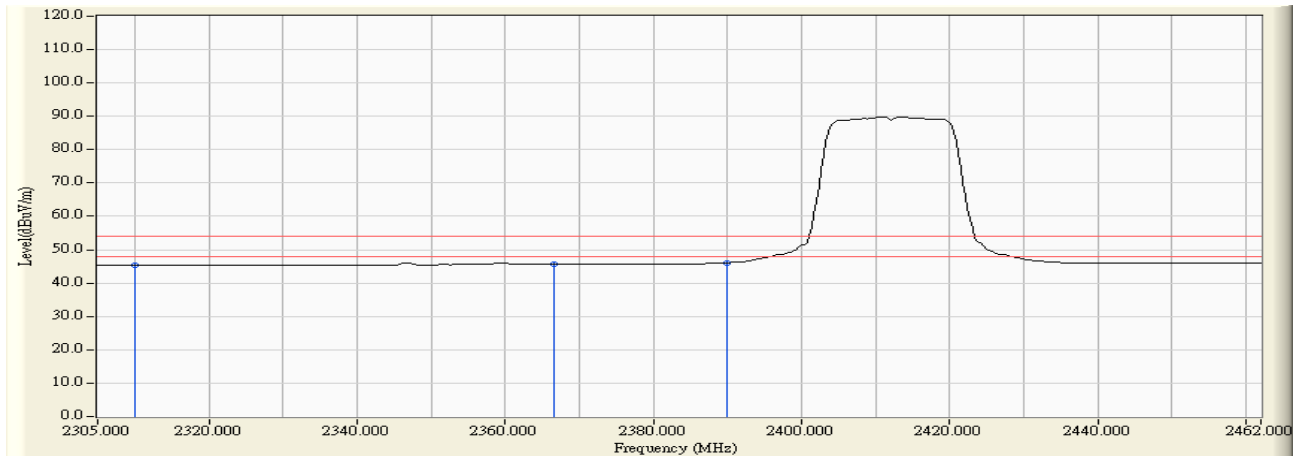


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	24.843	53.580	-20.420	74.000	54.000	PEAK
2	*	2389.152	28.472	40.036	68.508	-5.492	74.000	54.000	PEAK
3		2390.000	28.470	39.496	67.966	-6.034	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:31
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-G (CH1)

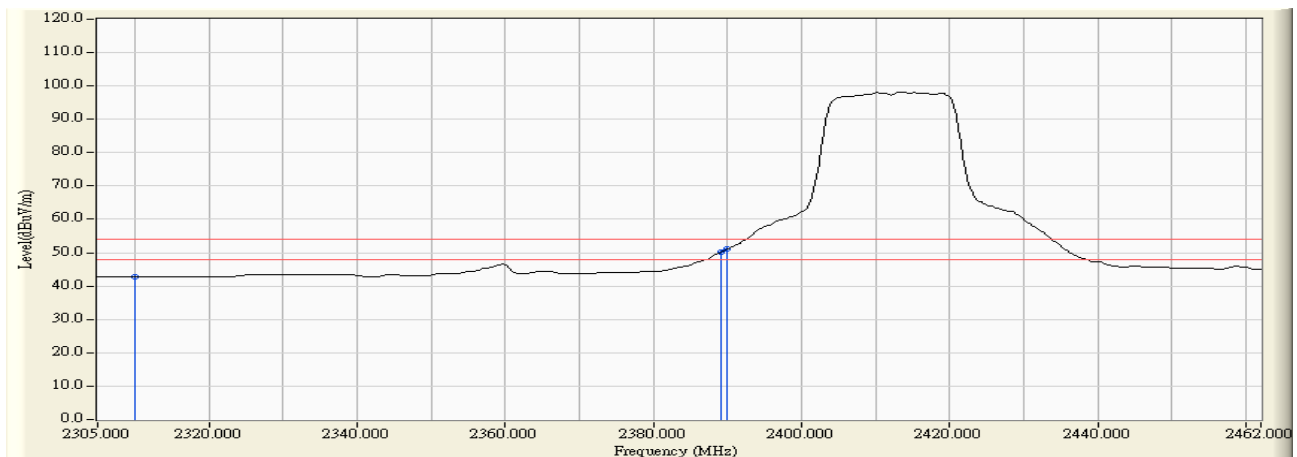


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	13.642	45.299	-8.701	74.000	54.000	AVERAGE
2	*	2366.544	31.922	13.752	45.674	-8.326	74.000	54.000	AVERAGE
3		2390.000	32.036	14.081	46.117	-7.883	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:51
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-G (CH1)

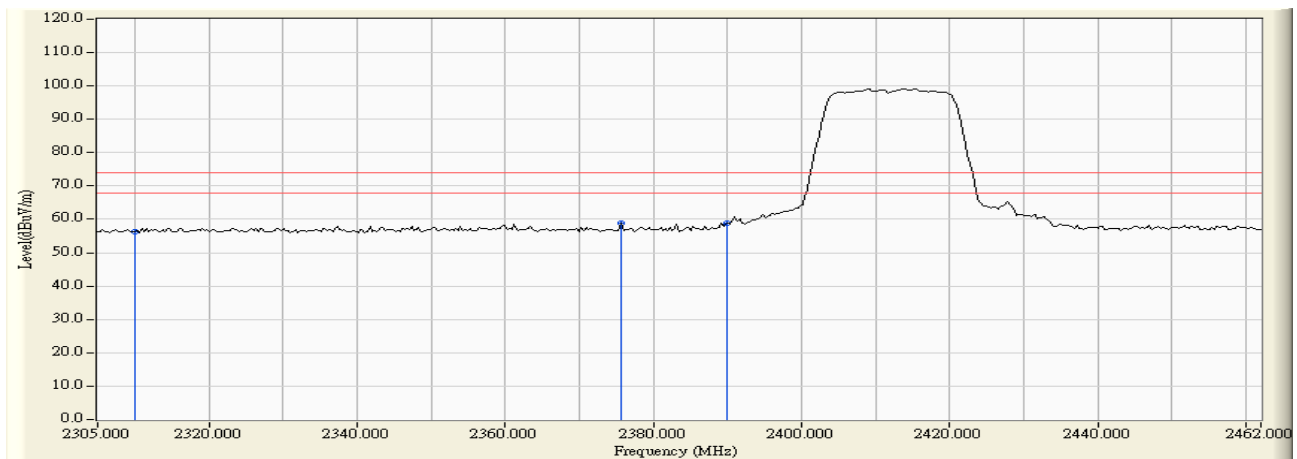


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	14.000	42.737	-11.263	74.000	54.000	AVERAGE
2	*	2389.152	28.472	21.562	50.034	-3.966	74.000	54.000	AVERAGE
3		2390.000	28.470	22.588	51.058	-2.942	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:34
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-N(20M) (CH1)

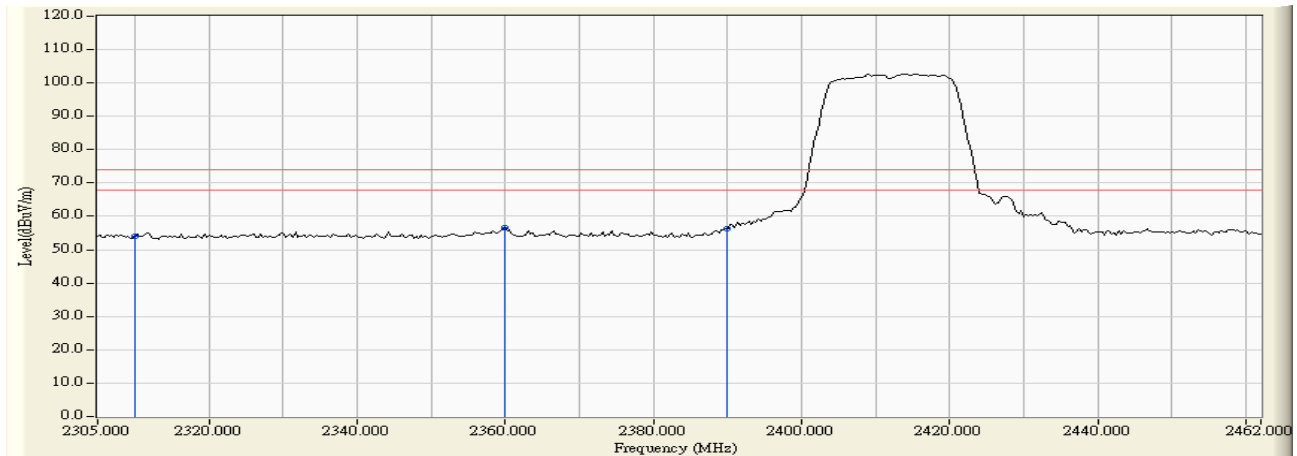


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	24.606	56.263	-17.737	74.000	54.000	PEAK
2	*	2375.650	31.966	26.768	58.734	-15.266	74.000	54.000	PEAK
3		2390.000	32.036	26.679	58.715	-15.285	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-N(20M) (CH1)

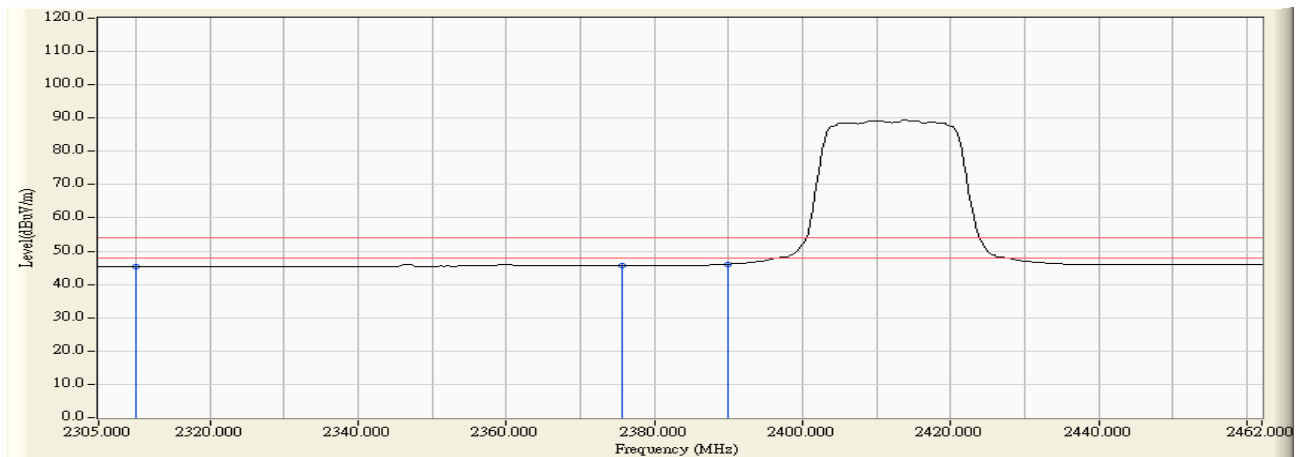


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	25.154	53.891	-20.109	74.000	54.000	PEAK
2	*	2359.950	28.567	28.126	56.693	-17.307	74.000	54.000	PEAK
3		2390.000	28.470	27.740	56.210	-17.790	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:36
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-N(20M) (CH1)

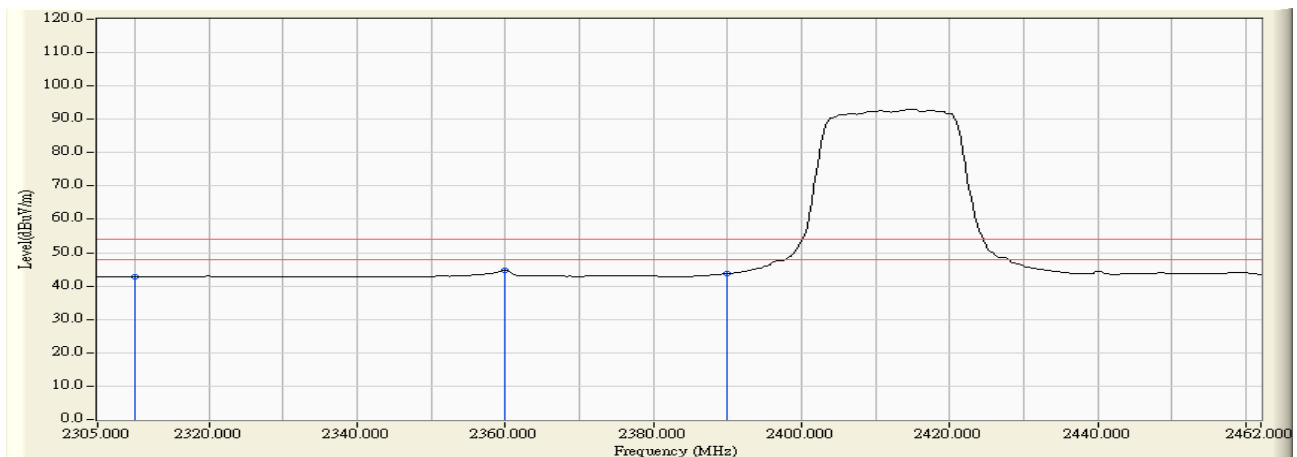


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	13.642	45.299	-8.701	74.000	54.000	PEAK
2	*	2375.650	31.966	13.701	45.667	-8.333	74.000	54.000	PEAK
3		2390.000	32.036	14.109	46.145	-7.855	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:54
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2412MHz-N(20M) (CH1)

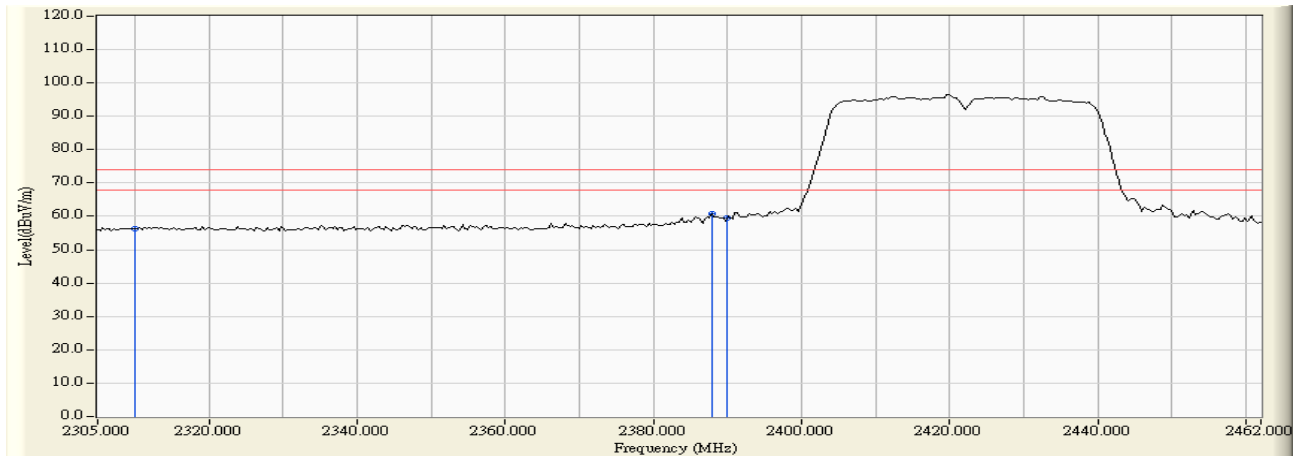


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	13.957	42.694	-11.306	74.000	54.000	AVERAGE
2	*	2359.950	28.567	16.080	44.647	-9.353	74.000	54.000	AVERAGE
3		2390.000	28.470	15.324	43.794	-10.206	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:37
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2422MHz-N(40M) (CH3)

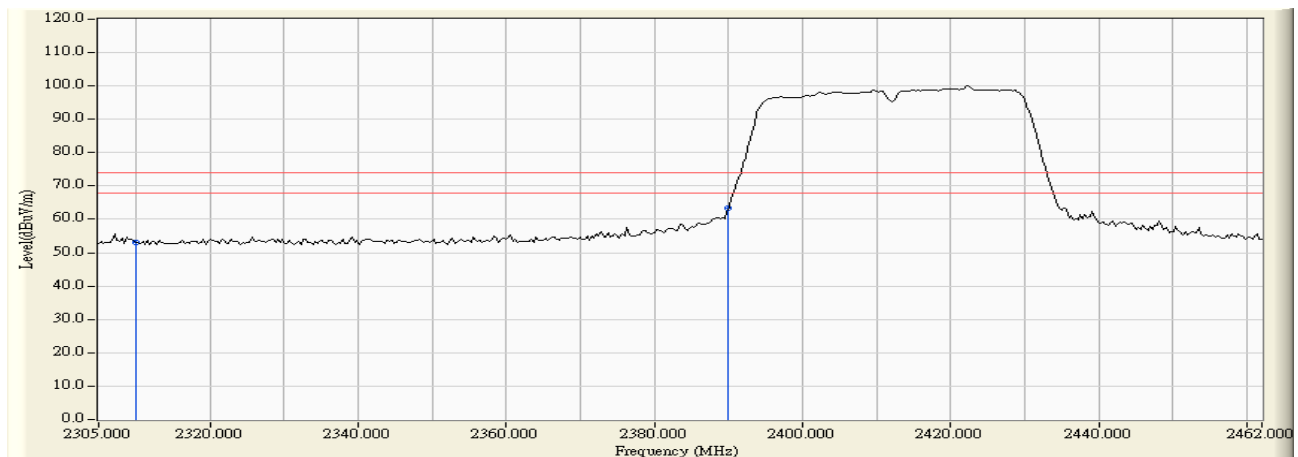


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	24.571	56.228	-17.772	74.000	54.000	PEAK
2	*	2387.896	32.025	28.809	60.835	-13.165	74.000	54.000	PEAK
3		2390.000	32.036	27.534	59.570	-14.430	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:55
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2422MHz-N(40M) (CH3)

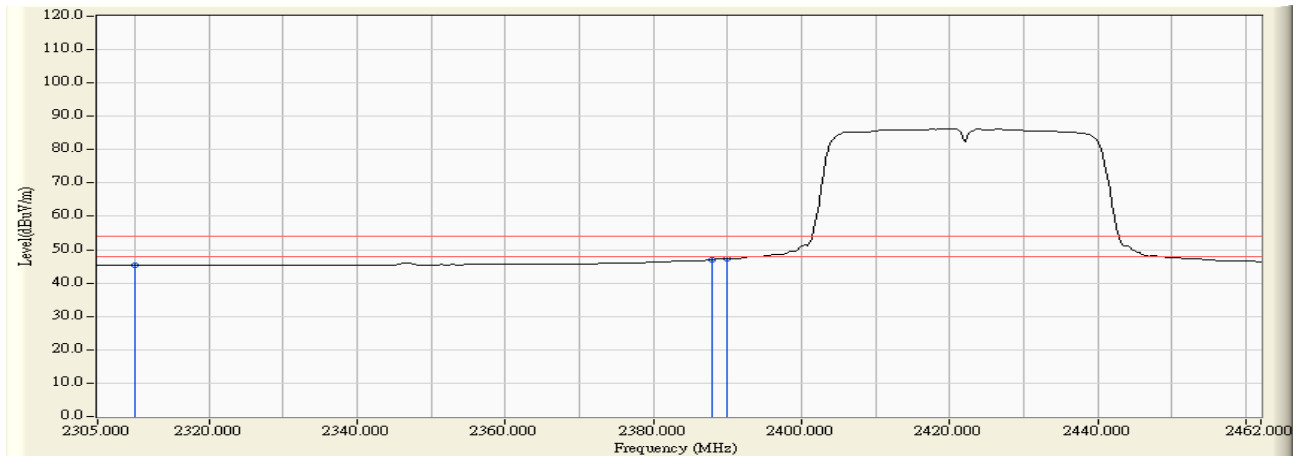


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	24.502	53.239	-20.761	74.000	54.000	PEAK
2	*	2390.000	28.470	34.748	63.218	-10.782	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:40
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2422MHz-N(40M) (CH3)

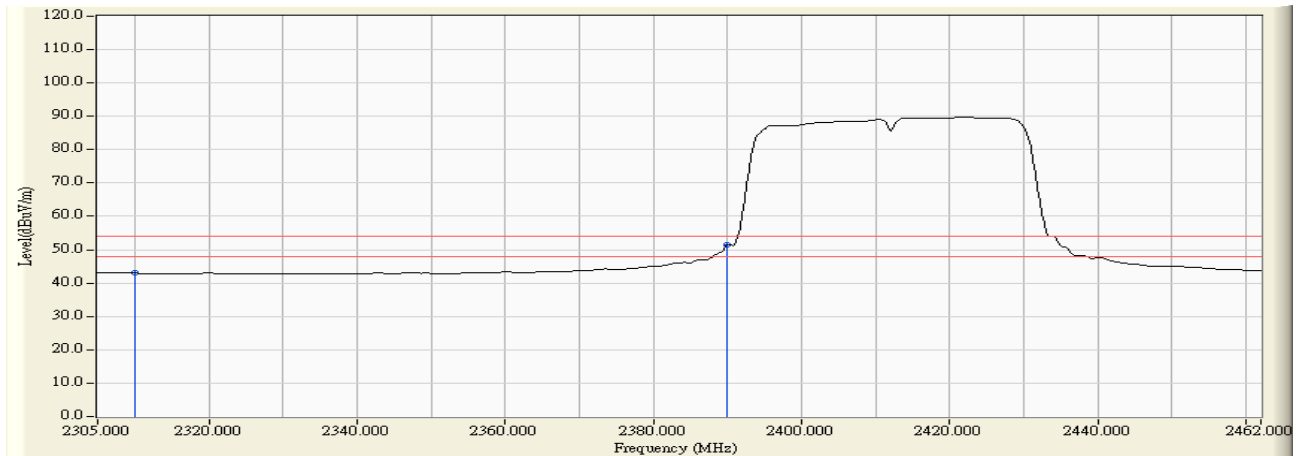


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.658	13.656	45.313	-8.687	74.000	54.000	AVERAGE
2	* 2387.896	32.025	14.949	46.975	-7.025	74.000	54.000	AVERAGE
3	2390.000	32.036	15.232	47.268	-6.732	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 19:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2422MHz-N(40M) (CH3)

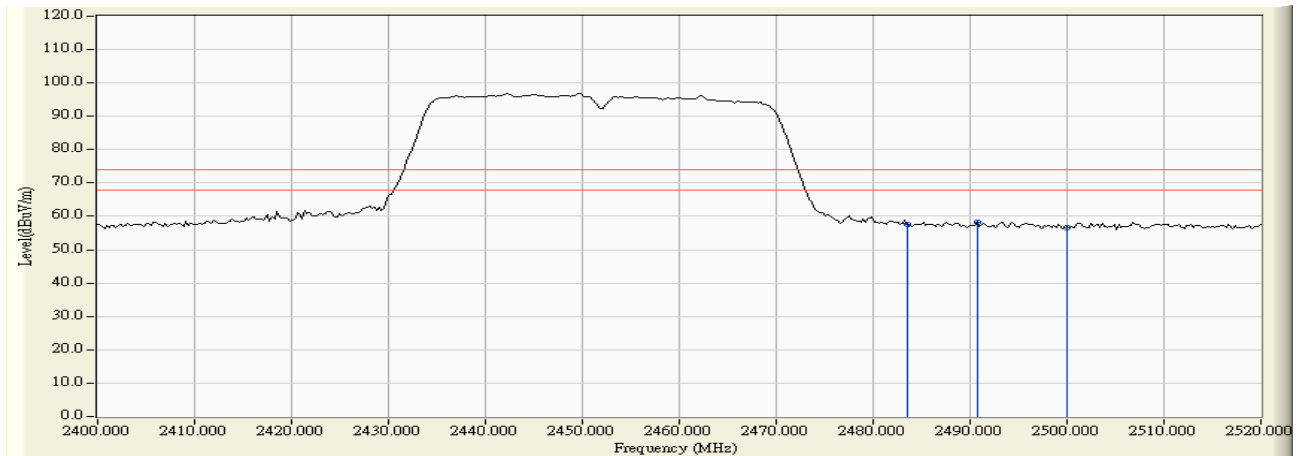


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	14.293	43.030	-10.970	74.000	54.000	AVERAGE
2	*	2390.000	28.470	22.864	51.334	-2.666	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:09
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2452MHz-N(40M) (CH9)

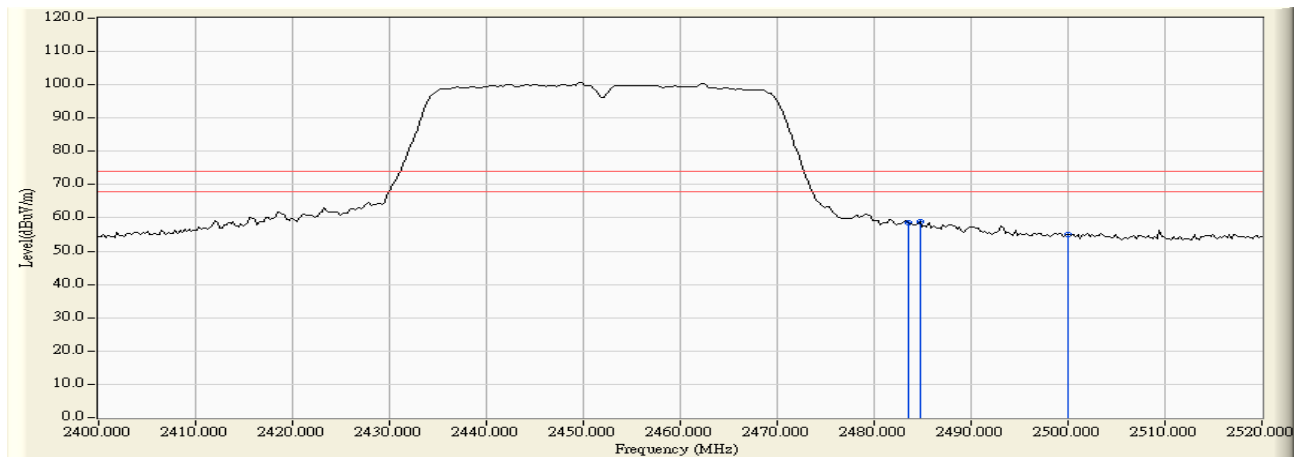


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	25.186	57.666	-16.334	74.000	54.000	PEAK
2	*	2490.720	32.515	25.788	58.303	-15.697	74.000	54.000	PEAK
3		2500.000	32.557	24.139	56.697	-17.303	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2452MHz-N(40M) (CH9)

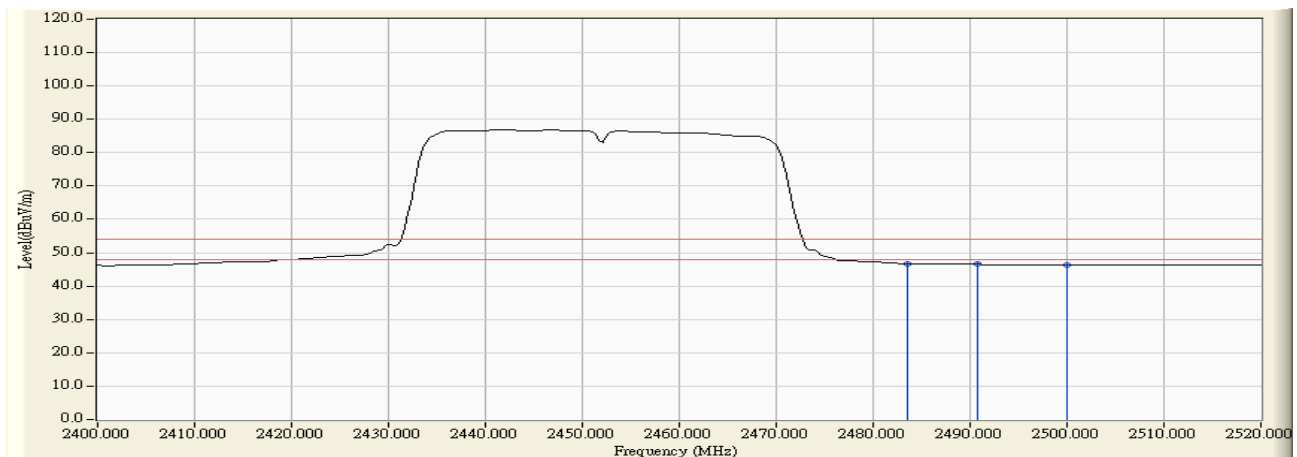


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	28.156	30.521	58.676	-15.324	74.000	54.000	PEAK
2	*	2484.720	28.150	30.637	58.788	-15.212	74.000	54.000	PEAK
3		2500.000	28.142	26.818	54.960	-19.040	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:11
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2452MHz-N(40M) (CH9)

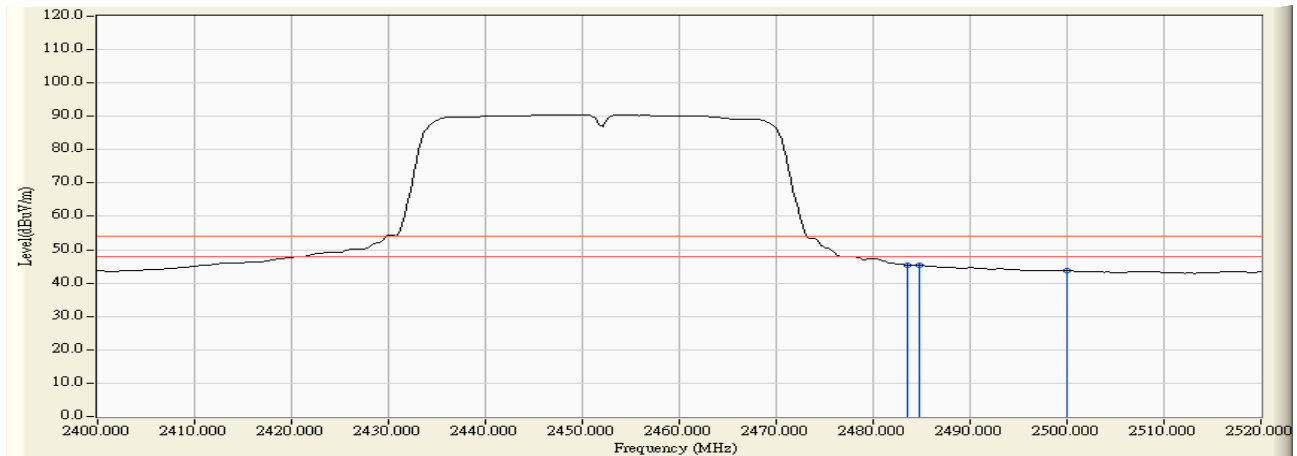


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	14.264	46.744	-7.256	74.000	54.000	AVERAGE
2	*	2490.720	32.515	13.995	46.510	-7.490	74.000	54.000	AVERAGE
3		2500.000	32.557	13.803	46.361	-7.639	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:24
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2452MHz-N(40M) (CH9)

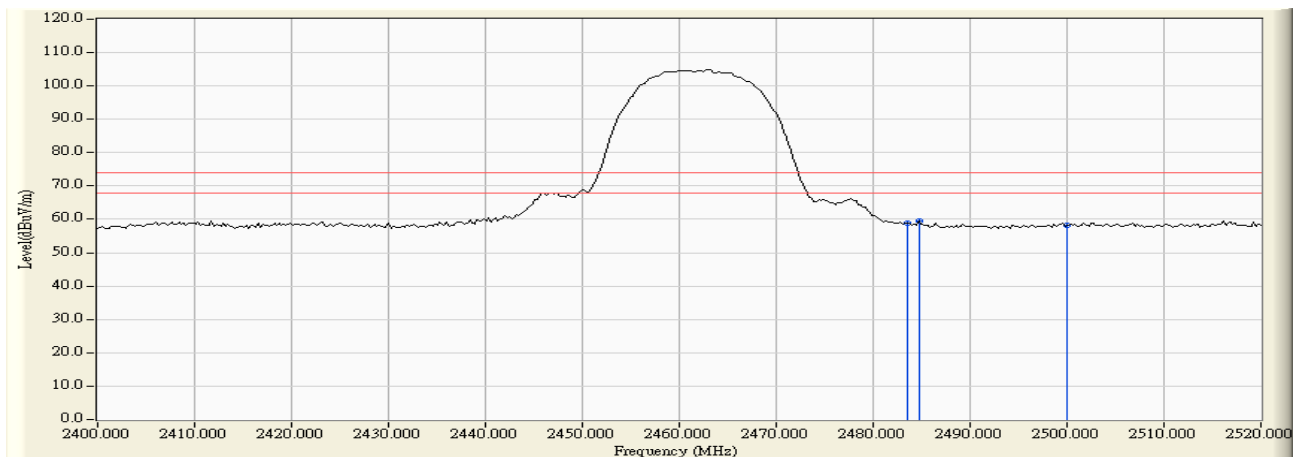


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	28.156	17.291	45.446	-8.554	74.000	54.000	AVERAGE
2	*	2484.720	28.150	17.108	45.259	-8.741	74.000	54.000	AVERAGE
3		2500.000	28.142	15.505	43.647	-10.353	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:02
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-B(CH11)

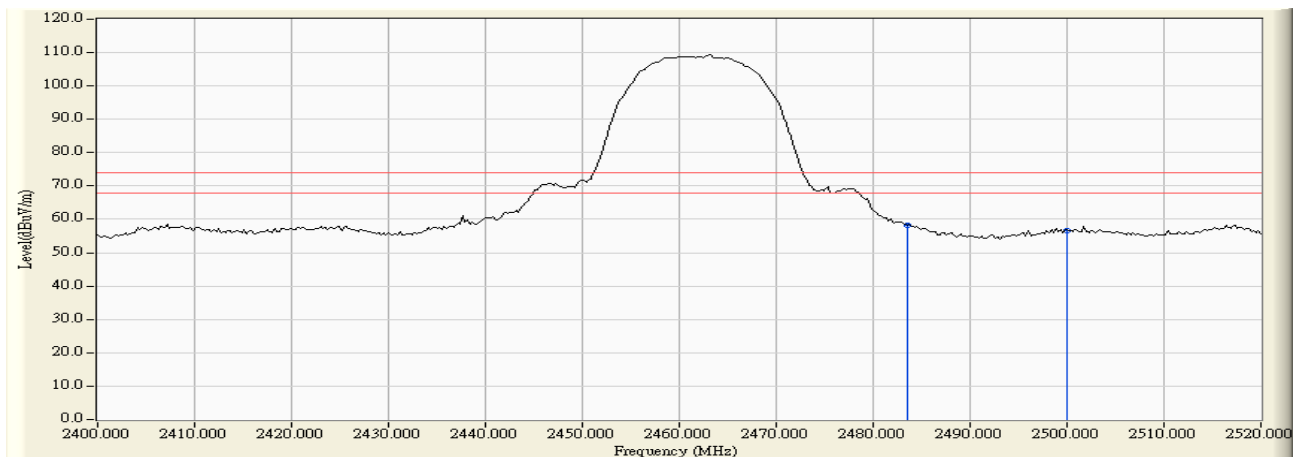


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	26.288	58.768	-15.232	74.000	54.000	PEAK
2	*	2484.720	32.485	27.086	59.572	-14.428	74.000	54.000	PEAK
3		2500.000	32.557	25.527	58.085	-15.915	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:16
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-B(CH11)

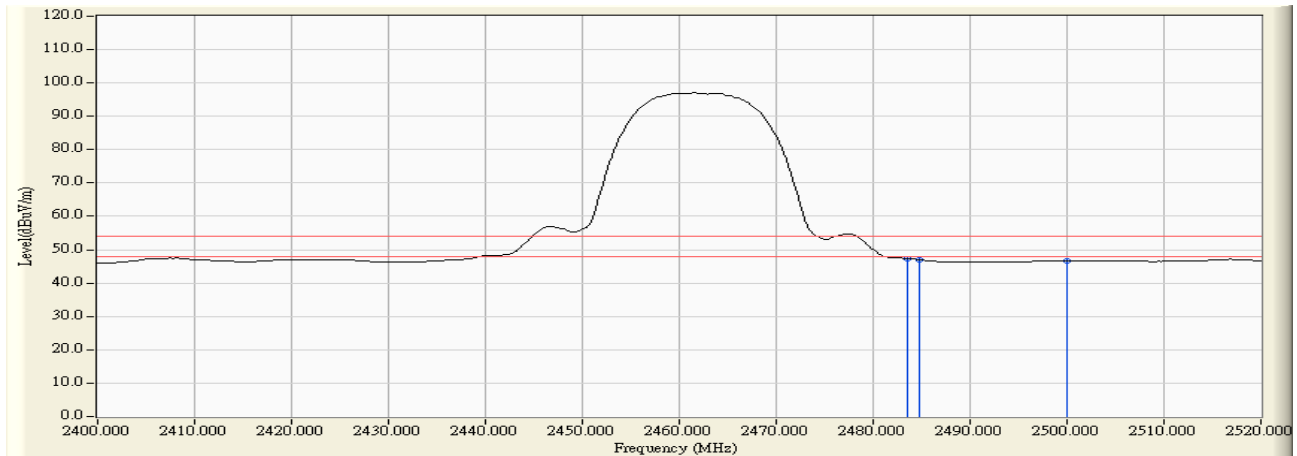


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	29.975	58.130	-15.870	74.000	54.000	PEAK
2		2500.000	28.142	28.573	56.715	-17.285	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:03
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-B(CH11)

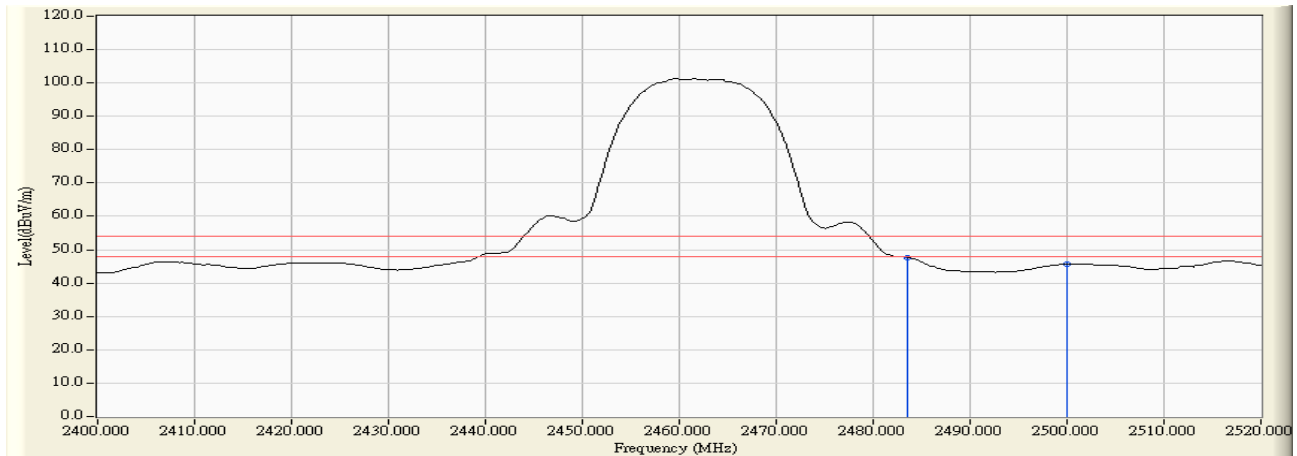


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	14.858	47.338	-6.662	74.000	54.000	AVERAGE
2	*	2484.720	32.485	14.490	46.976	-7.024	74.000	54.000	AVERAGE
3		2500.000	32.557	14.234	46.792	-7.208	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:17
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-B(CH11)

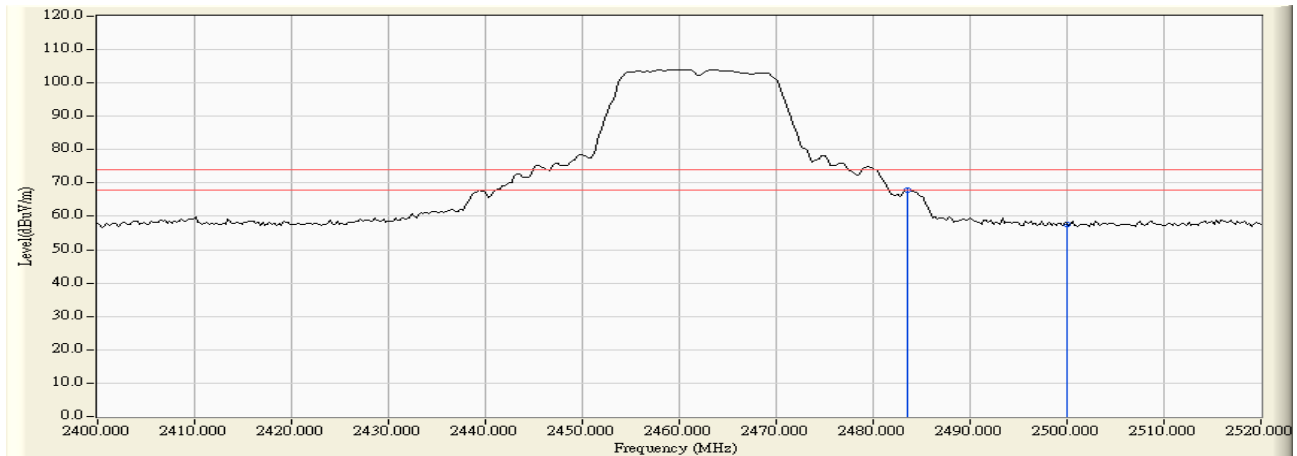


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	19.527	47.682	-6.318	74.000	54.000	AVERAGE
2		2500.000	28.142	17.468	45.610	-8.390	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:05
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-G(CH11)

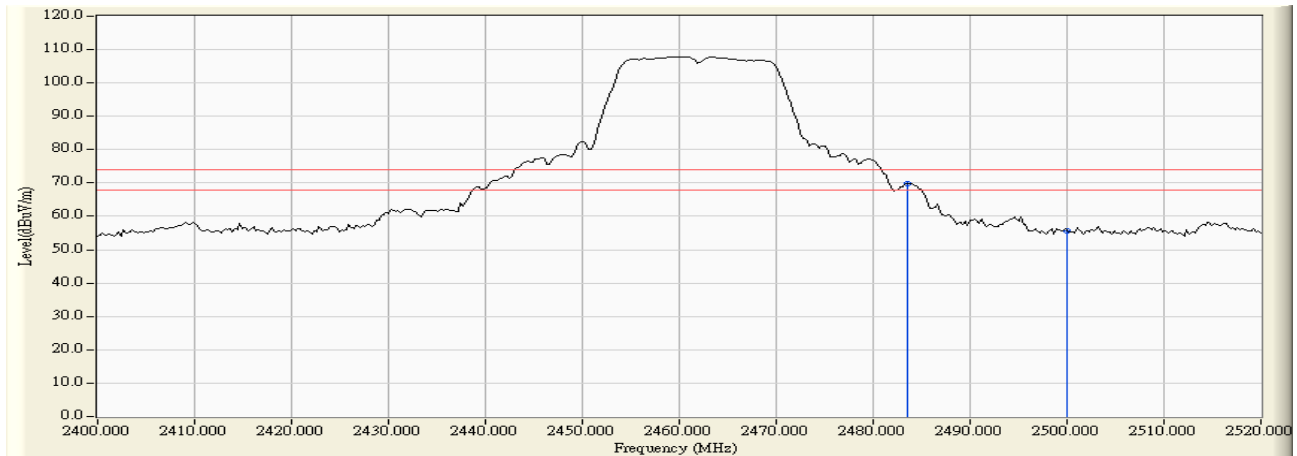


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	32.480	35.430	67.910	-6.090	74.000	54.000	PEAK
2		2500.000	32.557	25.077	57.635	-16.365	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:18
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-G(CH11)

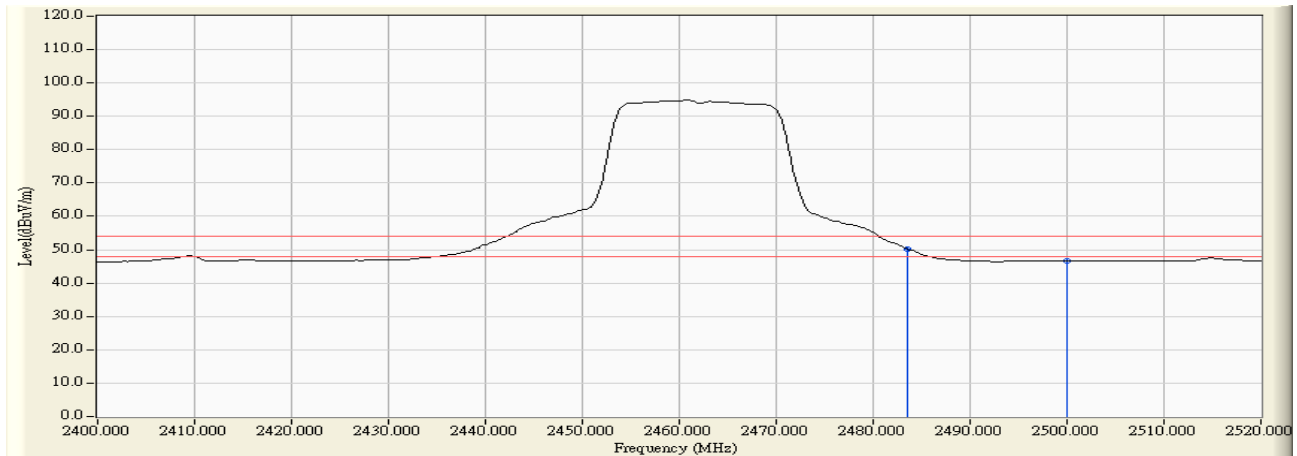


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	41.705	69.860	-4.140	74.000	54.000	PEAK
2		2500.000	28.142	27.541	55.683	-18.317	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:06
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-G(CH11)

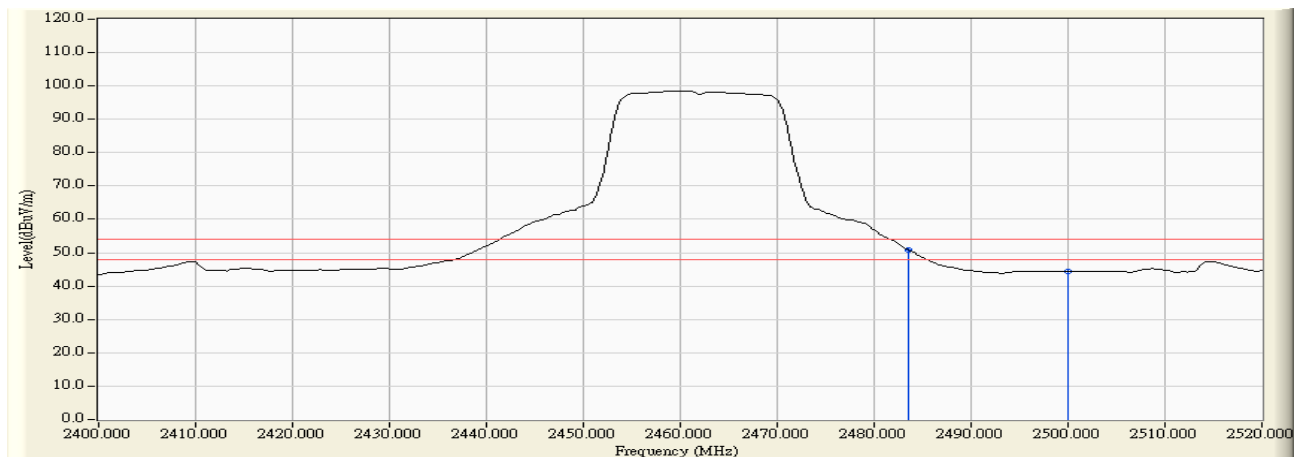


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	32.480	17.686	50.166	-3.834	74.000	54.000	AVERAGE
2		2500.000	32.557	14.016	46.574	-7.426	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:20
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-G(CH11)

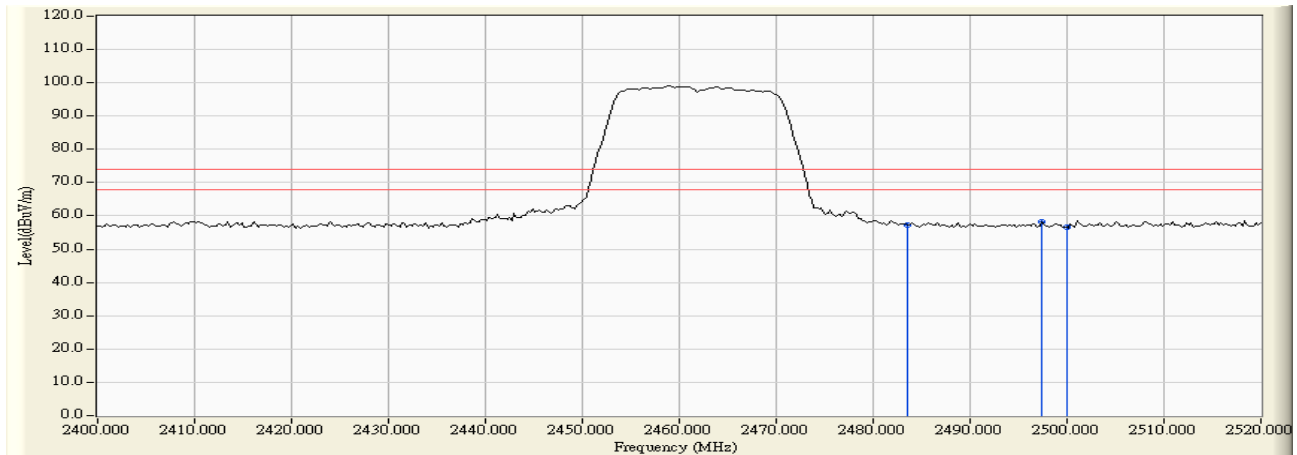


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	22.661	50.816	-3.184	74.000	54.000	AVERAGE
2		2500.000	28.142	16.290	44.432	-9.568	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:07
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-N(20M) (CH11)

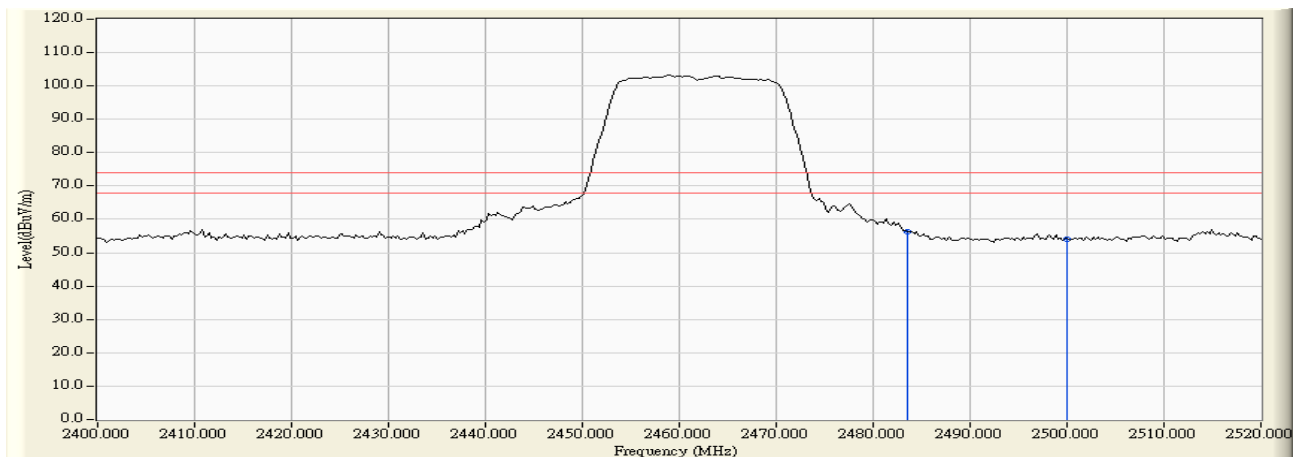


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	24.729	57.209	-16.791	74.000	54.000	PEAK
2	*	2497.440	32.547	25.843	58.390	-15.610	74.000	54.000	PEAK
3		2500.000	32.557	23.975	56.533	-17.467	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:20
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-N(20M) (CH11)

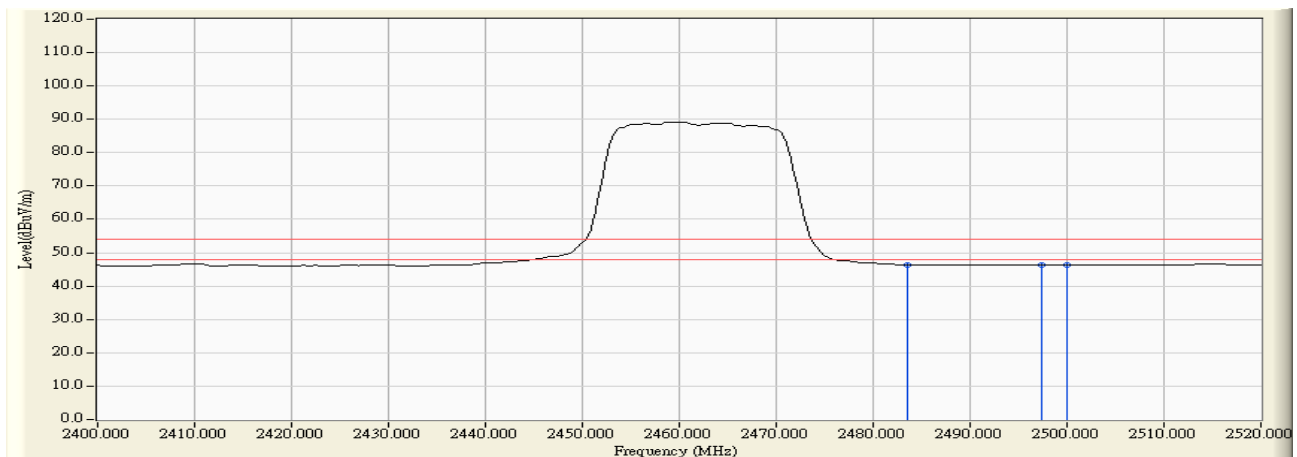


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	28.280	56.435	-17.565	74.000	54.000	PEAK
2		2500.000	28.142	25.923	54.065	-19.935	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:08
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-N(20M) (CH11)

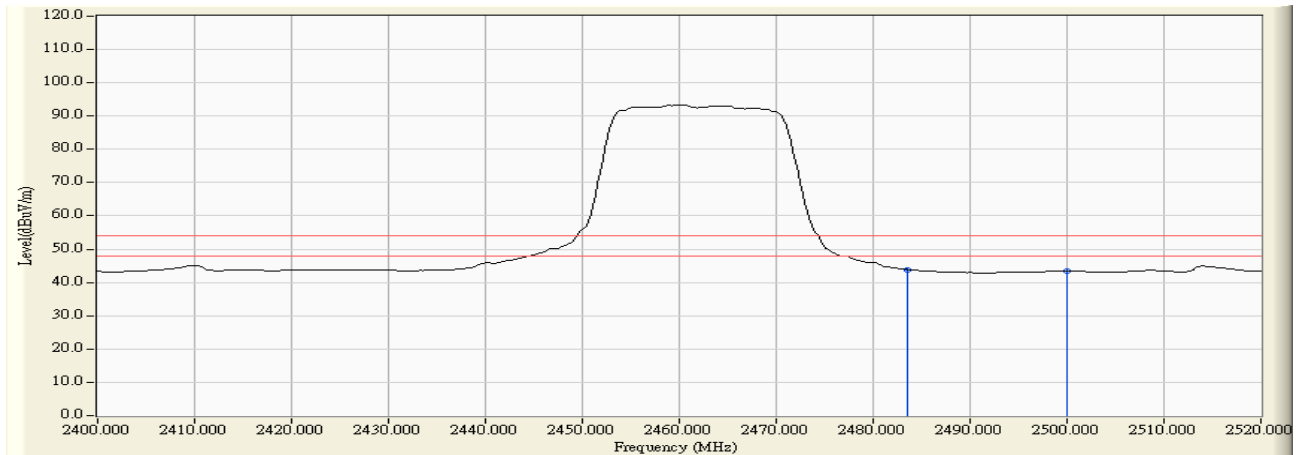


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	13.875	46.355	-7.645	74.000	54.000	AVERAGE
2	*	2497.440	32.547	13.747	46.294	-7.706	74.000	54.000	AVERAGE
3		2500.000	32.557	13.735	46.293	-7.707	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/03/31 - 20:22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless Router	Note : 2462MHz-N(20M) (CH11)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	15.720	43.875	-10.125	74.000	54.000	AVERAGE
2		2500.000	28.142	15.149	43.291	-10.709	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Occupied Bandwidth

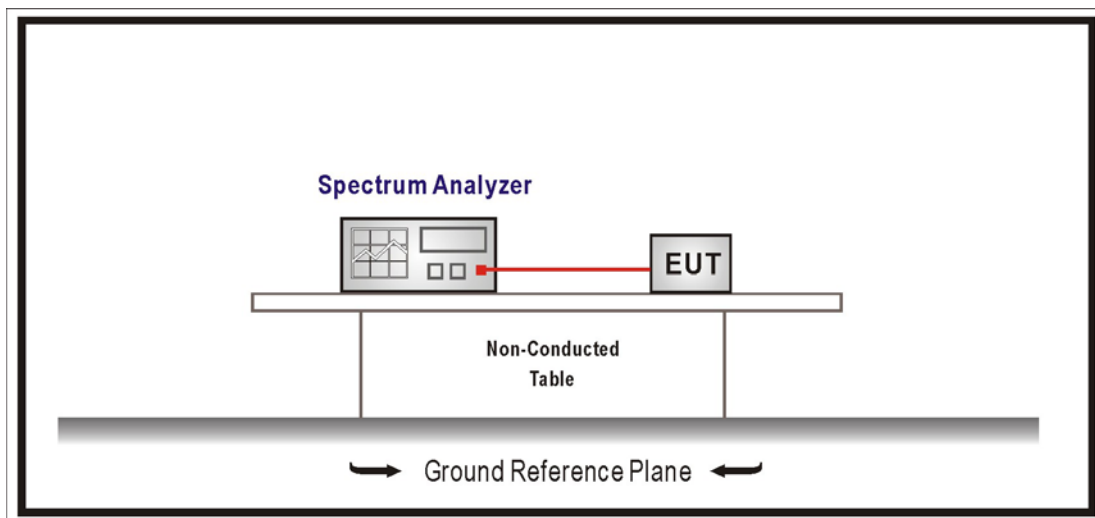
7.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Test Procedures

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

Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

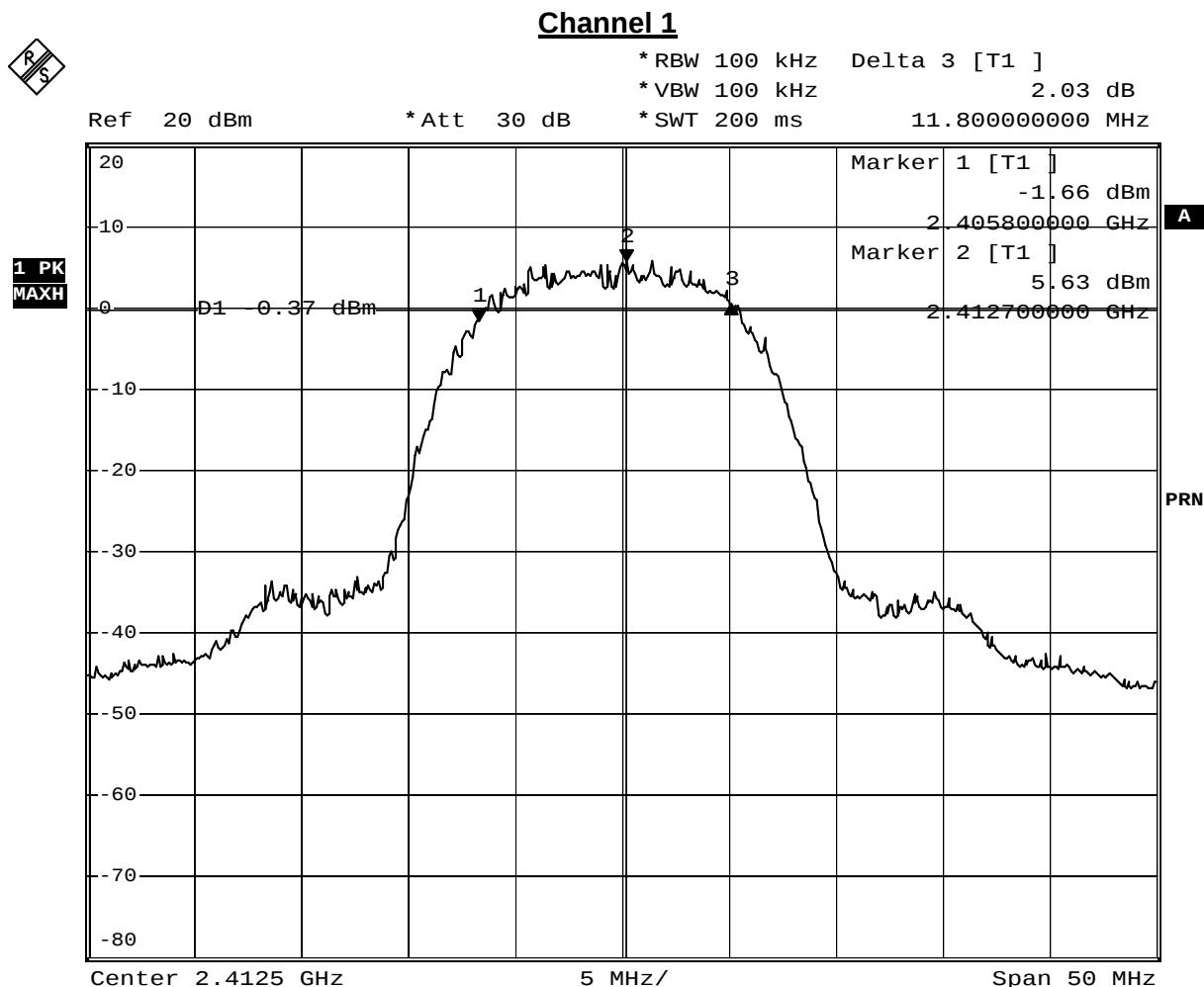
7.5. Uncertainty

The measurement uncertainty is defined as $\pm 150\text{Hz}$

7.6. Test Result

Product	Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/03/30	Test Site	No.1 OATS

802.11 b				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	11800	≥500	Pass
6	2437.00	12100	≥500	Pass
11	2462.00	12000	≥500	Pass



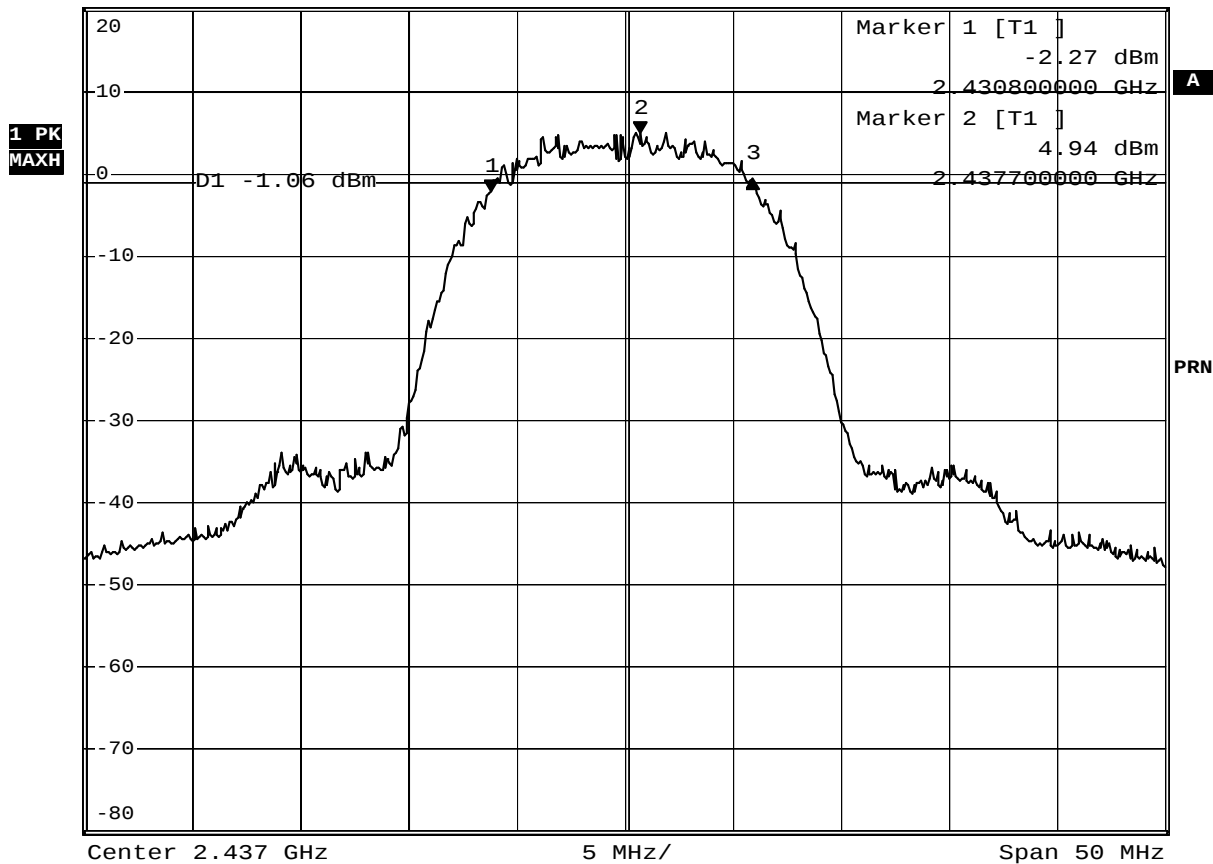
Date: 30.MAR.2009 11:02:52

Channel 6



* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 1.57 dB

Ref 20 dBm * Att 30 dB * SWT 200 ms 12.100000000 MHz



Date: 30.MAR.2009 11:05:15

Channel 11

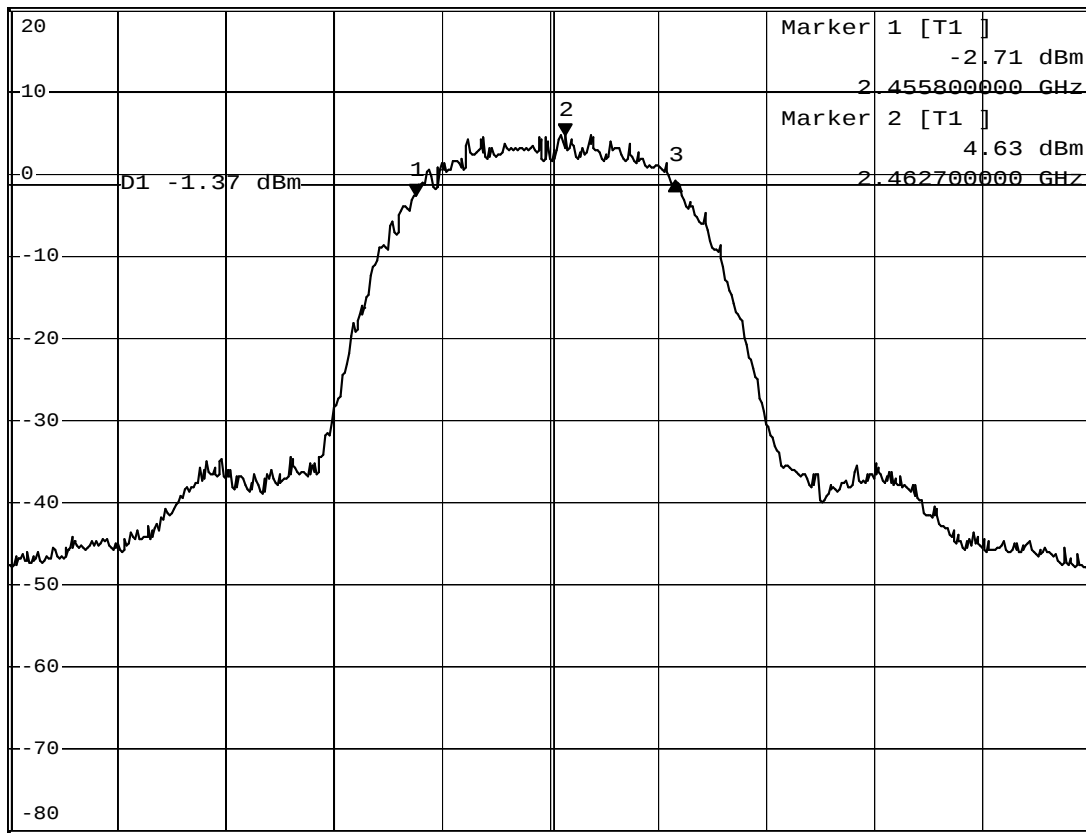


* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 1.89 dB
 * SWT 200 ms 12.000000000 MHz

Ref 20 dBm

* Att 30 dB

1 PK
MAXH



Center 2.462 GHz

5 MHz/

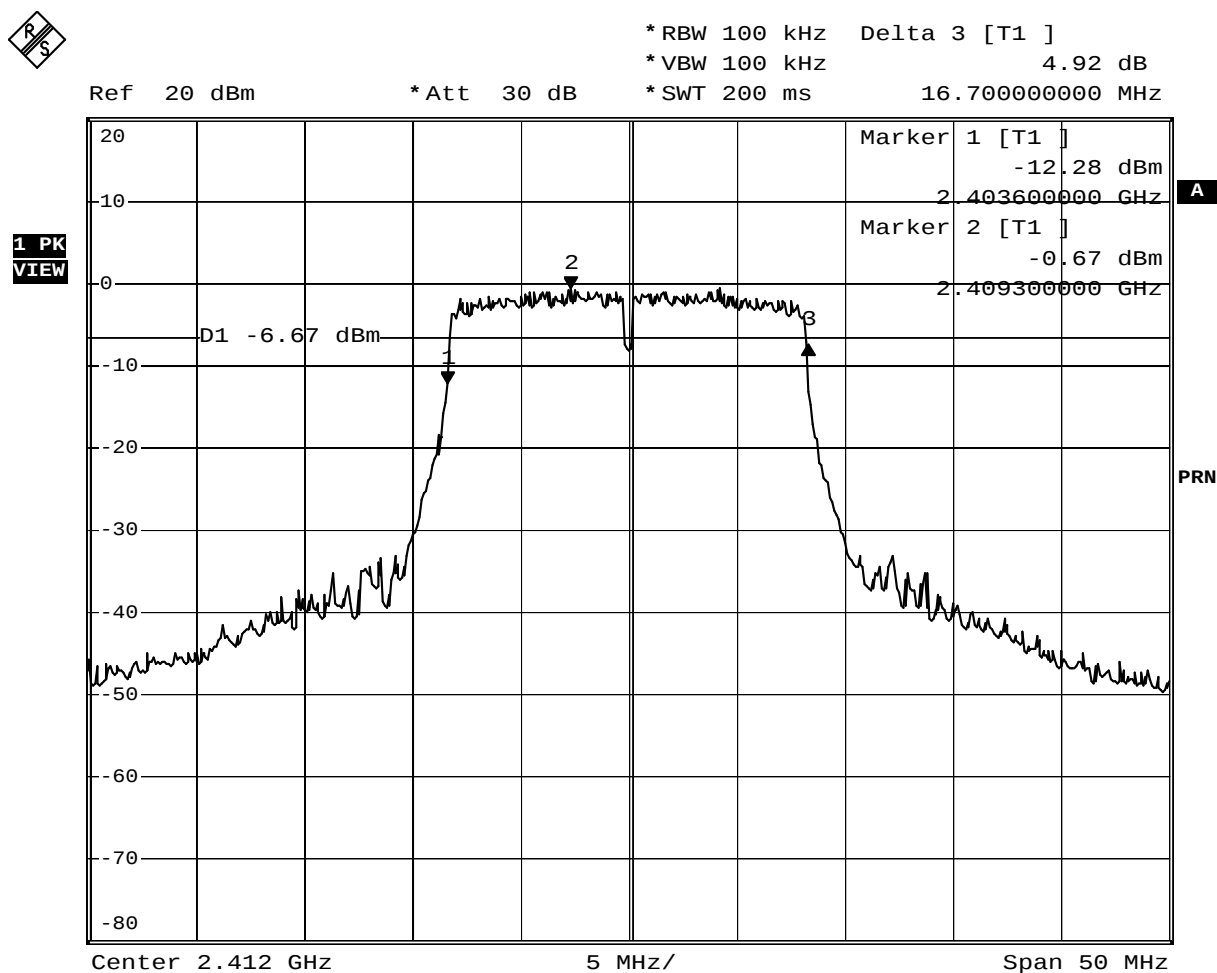
Span 50 MHz

Date: 30.MAR.2009 11:07:17

Product	Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/03/31	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16700	≥500	Pass
6	2437.00	16700	≥500	Pass
11	2462.00	16700	≥500	Pass

Channel 1



Date: 30.MAR.2009 11:10:39

Channel 6

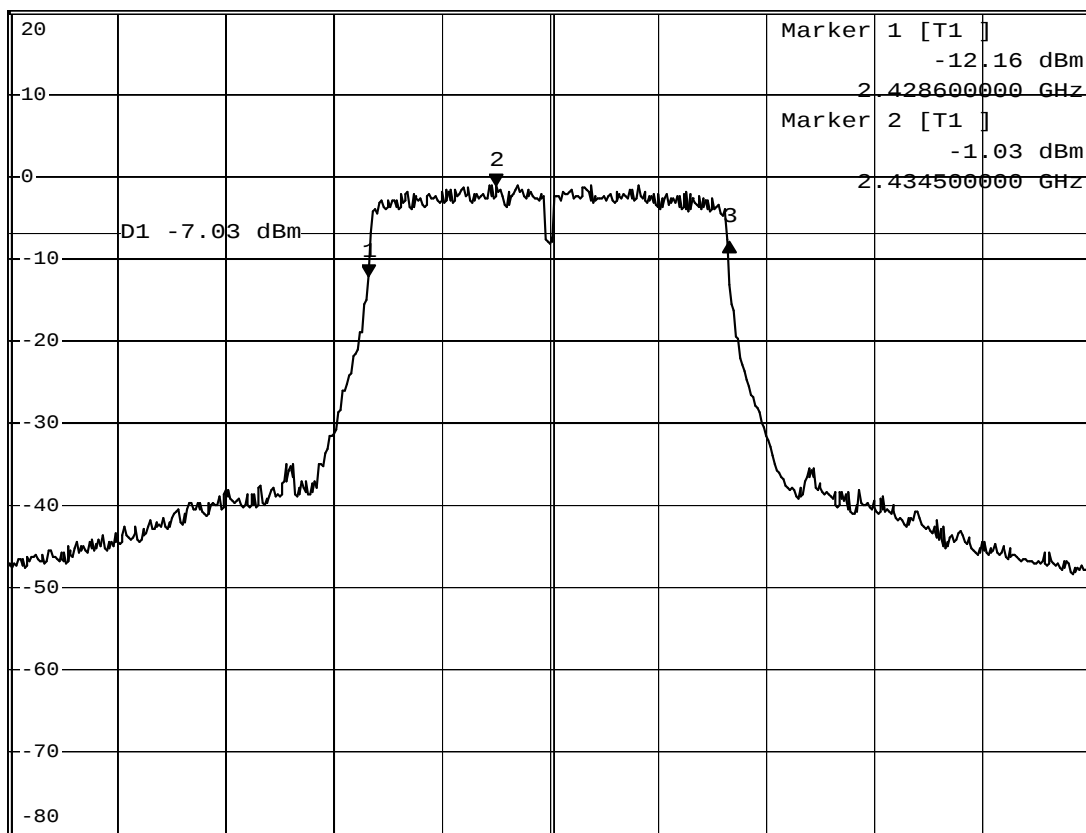


* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 4.26 dB
 * SWT 200 ms 16.700000000 MHz

Ref 20 dBm

* Att 30 dB

1 PK
MAXH



Center 2.437 GHz

5 MHz/

Span 50 MHz

Date: 30.MAR.2009 11:13:32

Channel 11

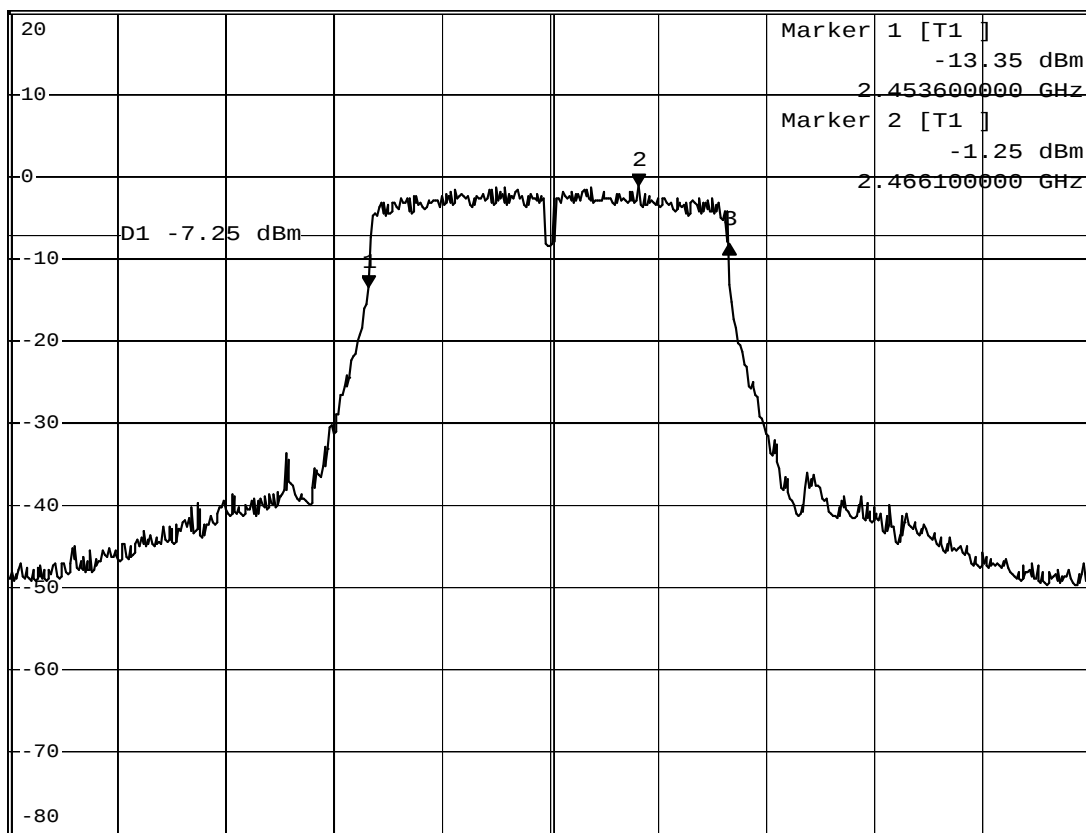


* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 5.20 dB
 * SWT 200 ms 16.700000000 MHz

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Center 2.462 GHz

5 MHz/

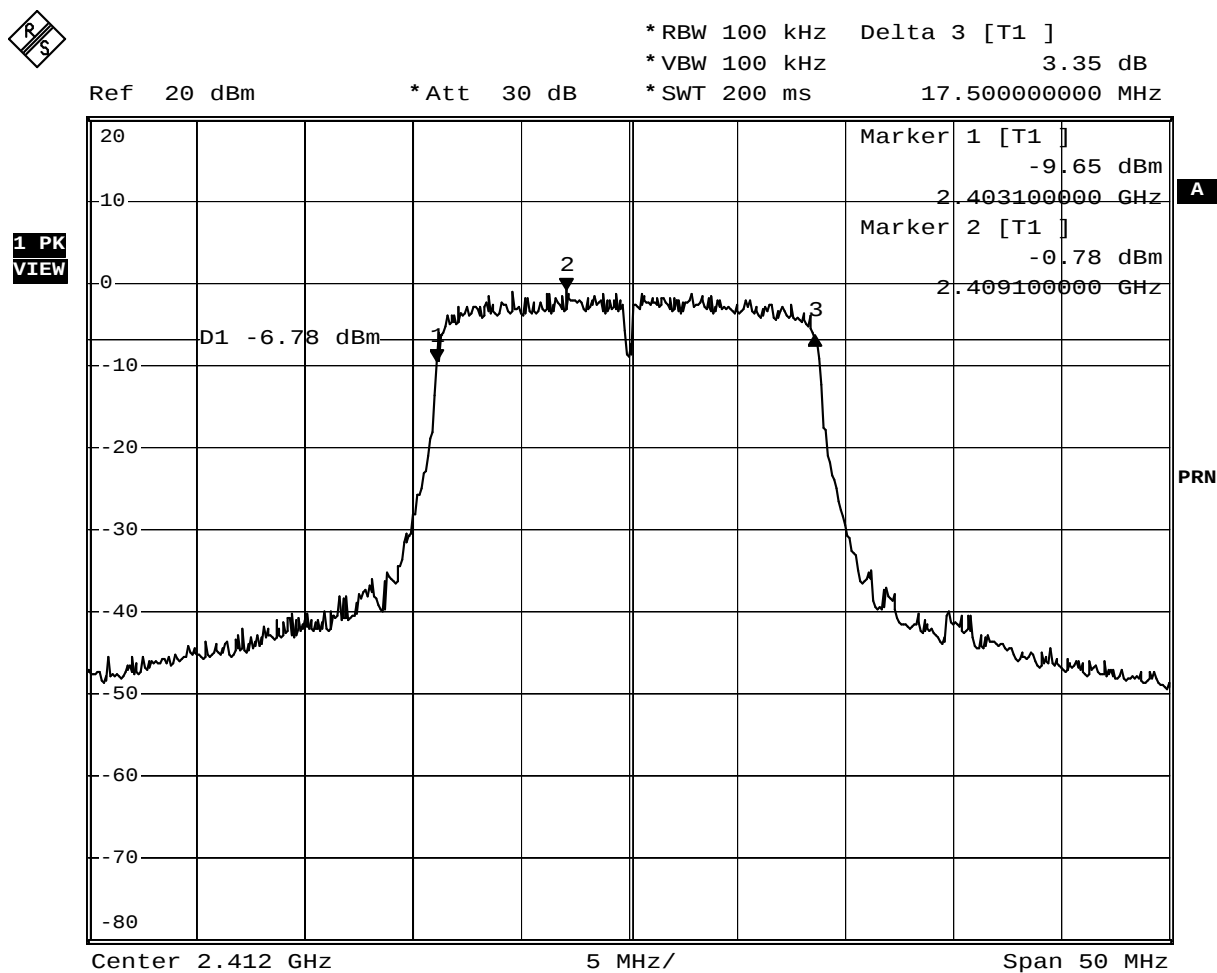
Span 50 MHz

Date: 30.MAR.2009 11:16:32

Product	Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/03/30	Test Site	No.1 OATS

IEEE 802.11n (ANT A (20MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	17500	≥500	Pass
6	2437.00	17700	≥500	Pass
11	2462.00	17700	≥500	Pass

Channel 1



Date: 30.MAR.2009 11:20:46

Channel 6

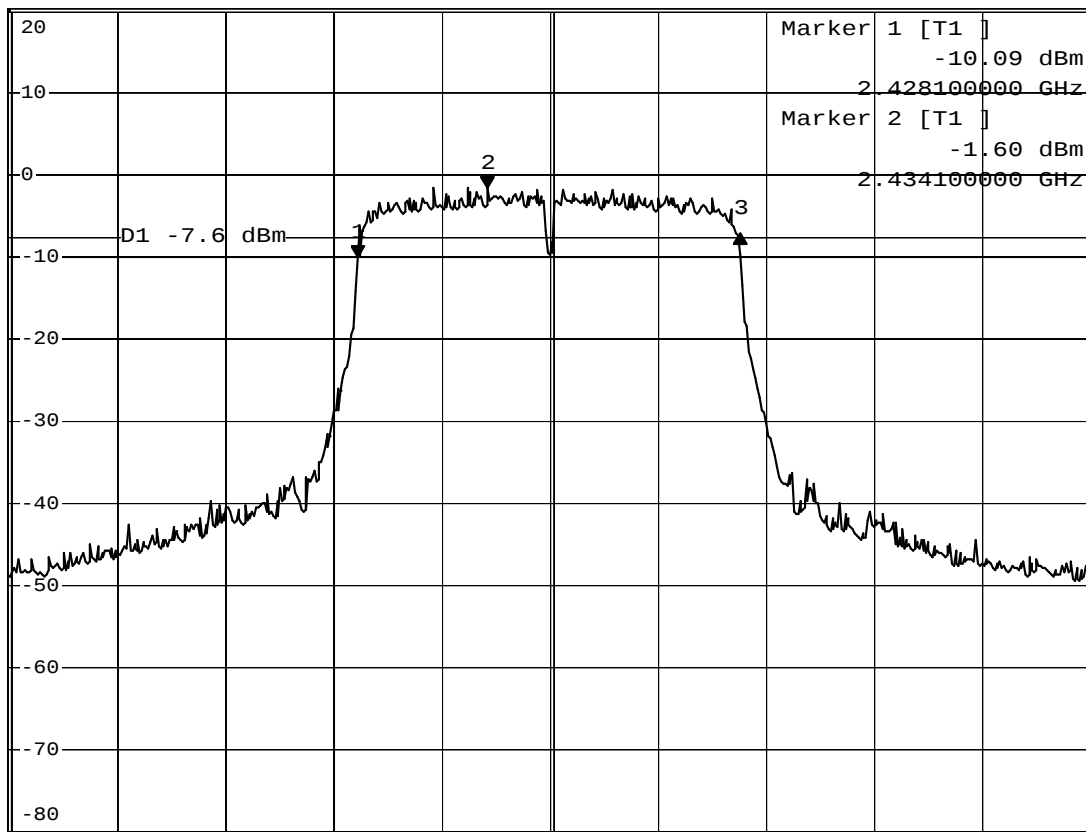


* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 2.96 dB
 * SWT 200 ms 17.700000000 MHz

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Center 2.437 GHz

5 MHz/

Span 50 MHz

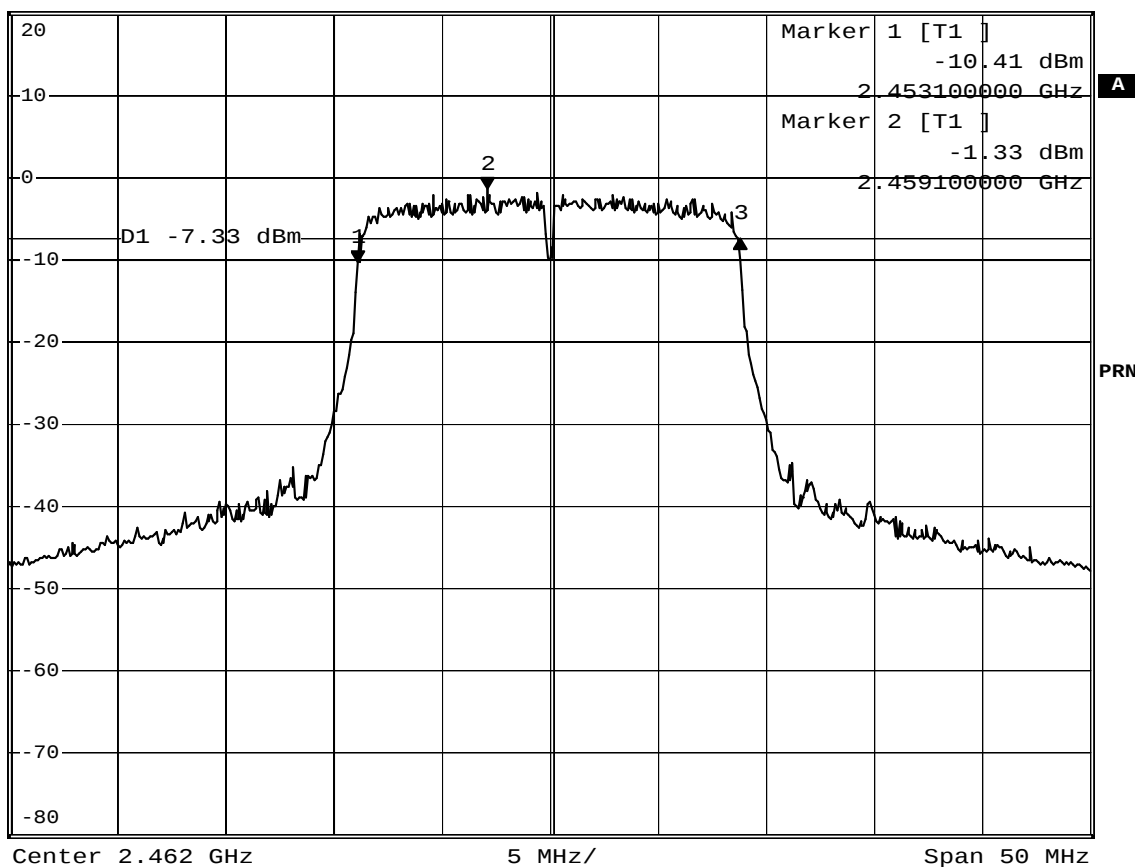
Date: 30.MAR.2009 11:22:38

Channel 11



Ref 20 dBm * Att 30 dB * RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz 3.02 dB
 * SWT 200 ms 17.700000000 MHz

1 PK
MAXH

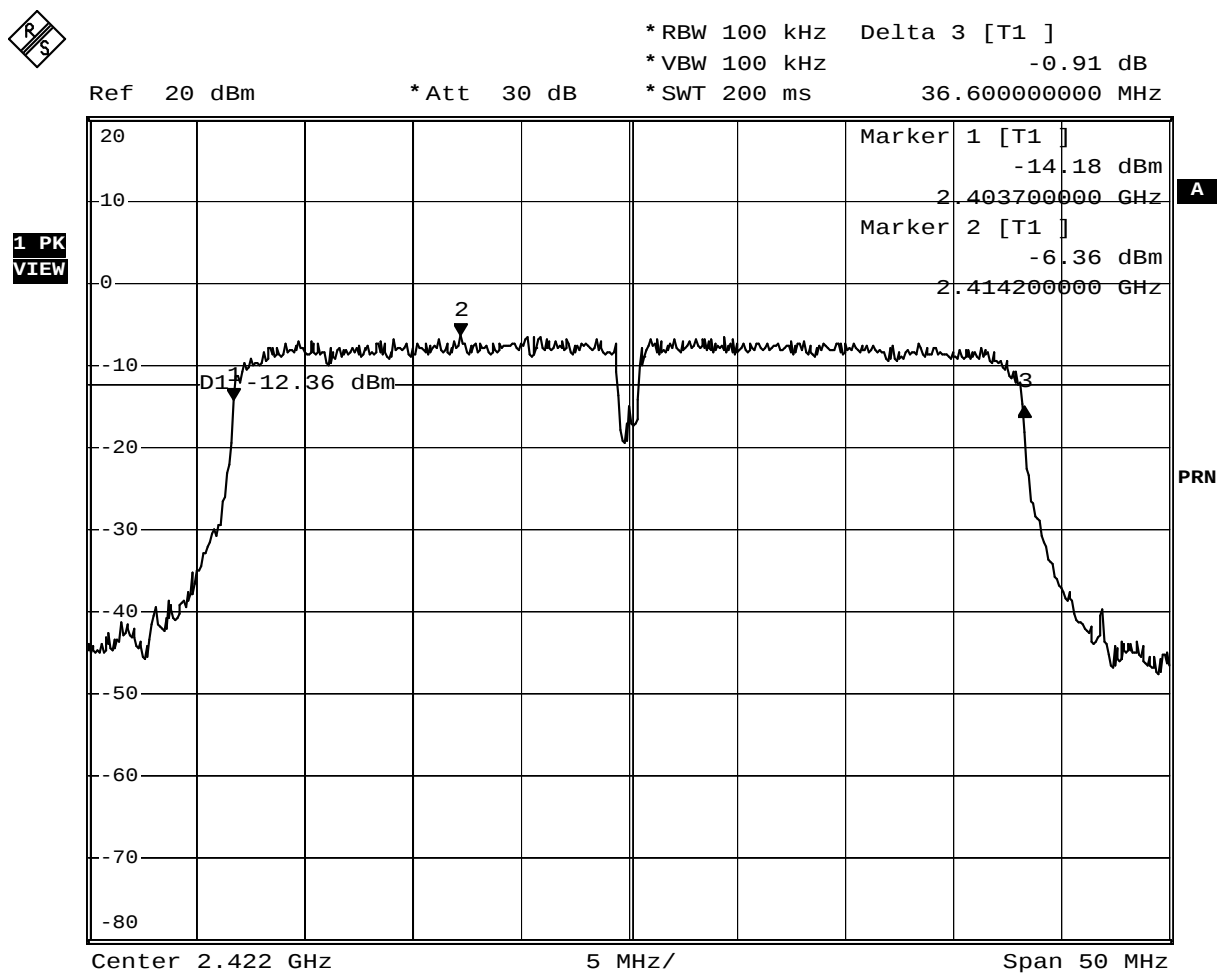


Date: 30.MAR.2009 11:29:58

Product	Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/03/30	Test Site	No.1 OATS

IEEE 802.11n (ANT A (40MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36600	≥500	Pass
6	2437	36600	≥500	Pass
9	2452	36600	≥500	Pass

Channel 3



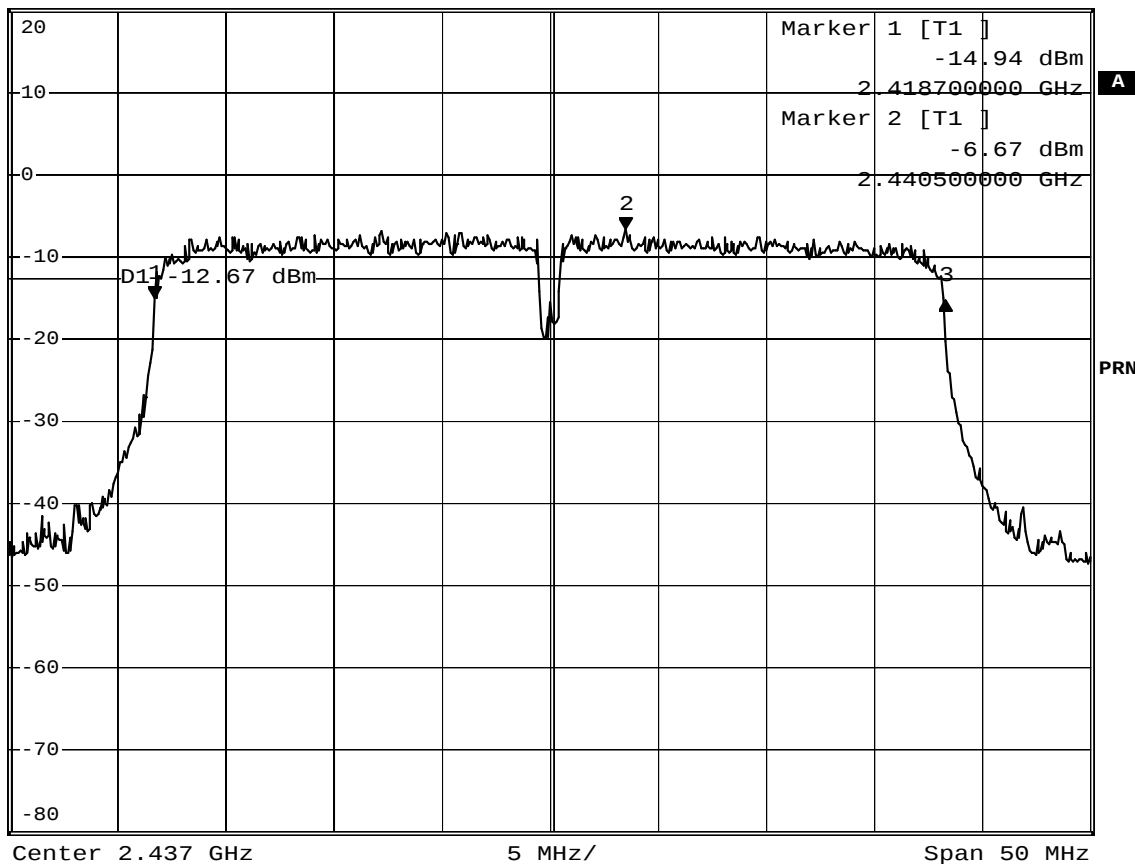
Date: 30.MAR.2009 11:34:35

Channel 6



Ref 20 dBm * Att 30 dB * RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz -0.38 dB
 * SWT 200 ms 36.600000000 MHz

1 PK
VIEW



Date: 30.MAR.2009 11:39:19

Channel 9

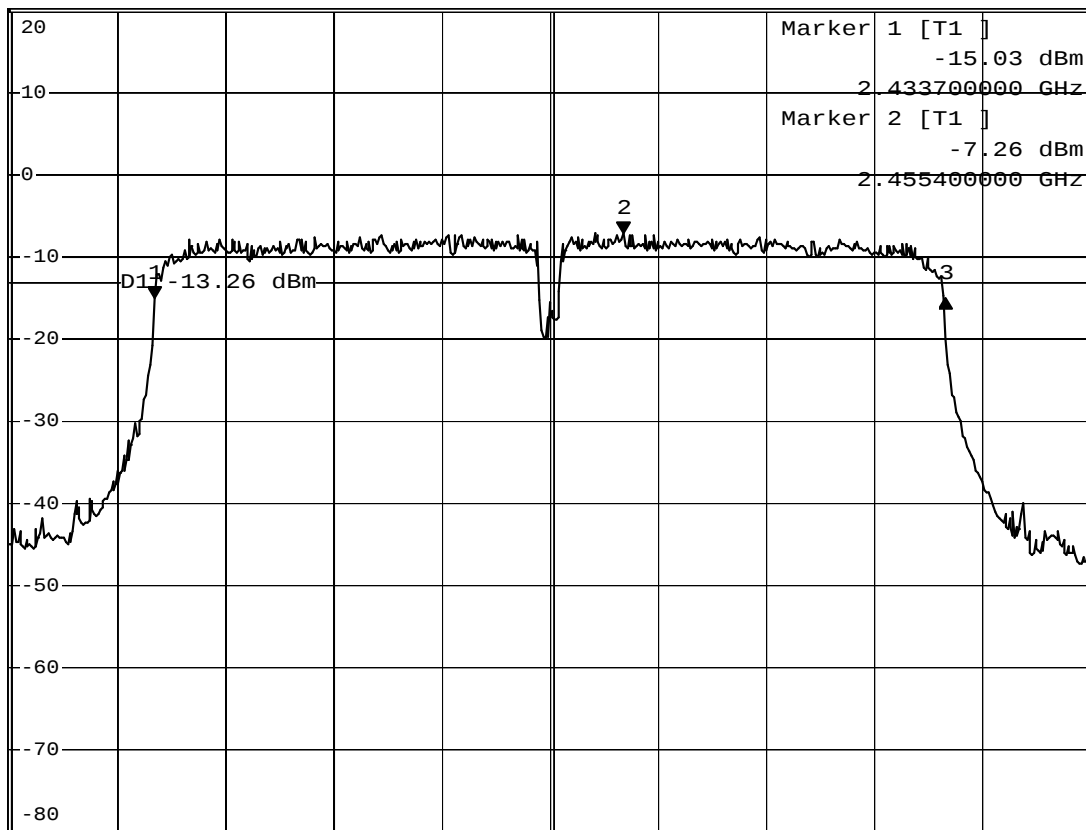


* RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz -0.11 dB
 * SWT 200 ms 36.600000000 MHz

Ref 20 dBm

* Att 30 dB

1 PK
VIEW



Center 2.452 GHz

5 MHz/

Span 50 MHz

Date: 30.MAR.2009 11:40:39

8. Power Density

8.1. Test Equipment

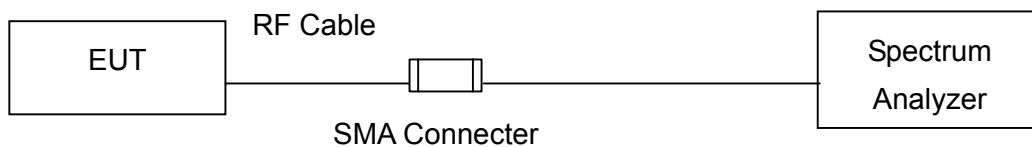
The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



8.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

8.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW $\geq$ 9 kHz, Sweep time=Auto, Set detector=Peak detector

8.5. Uncertainty

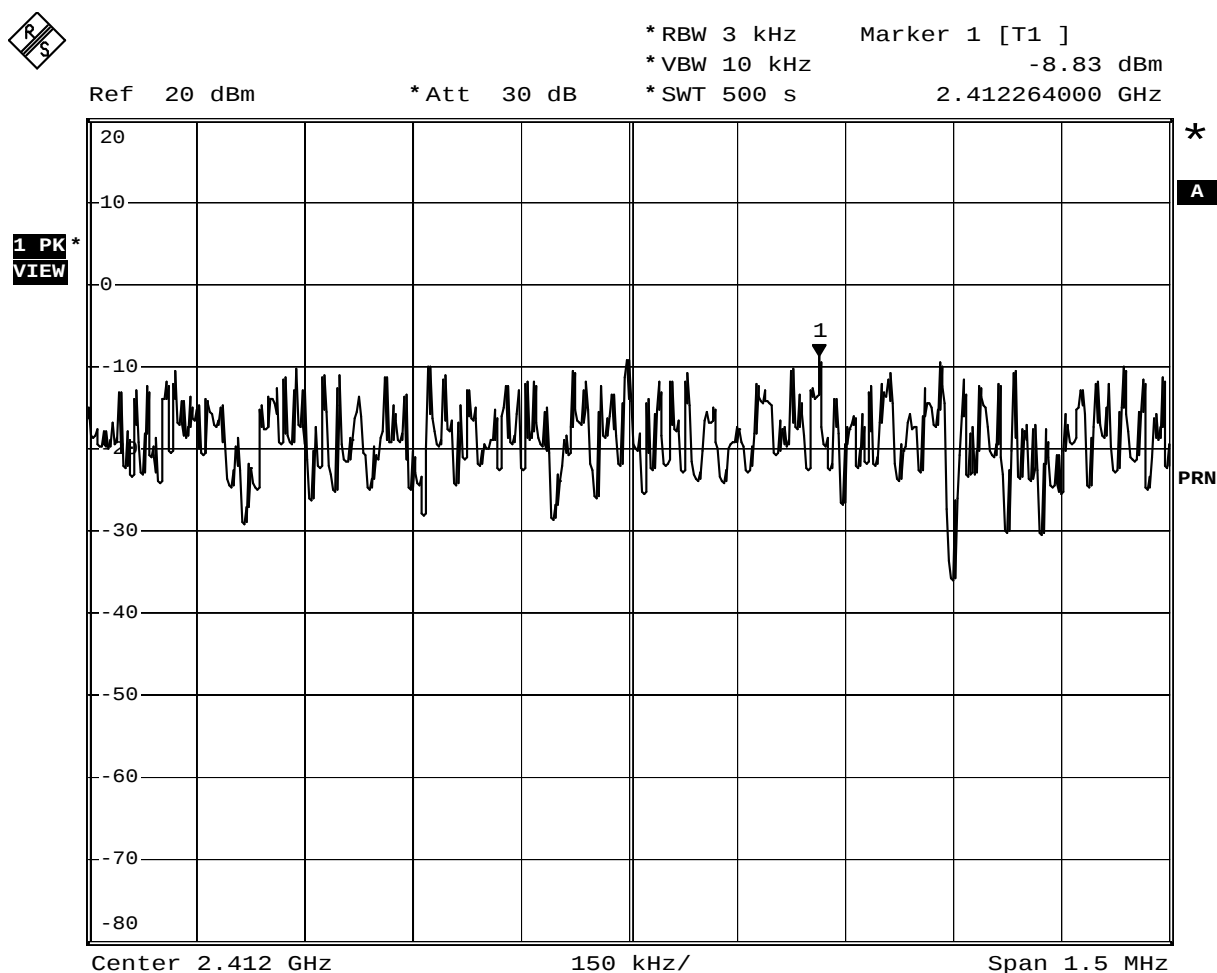
The measurement uncertainty is defined as ± 1.27 dB.

8.6. Test Result

Product	Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.83	≤8	Pass
6	2437	-8.41	≤8	Pass
11	2462	-8.45	≤8	Pass

Channel 1



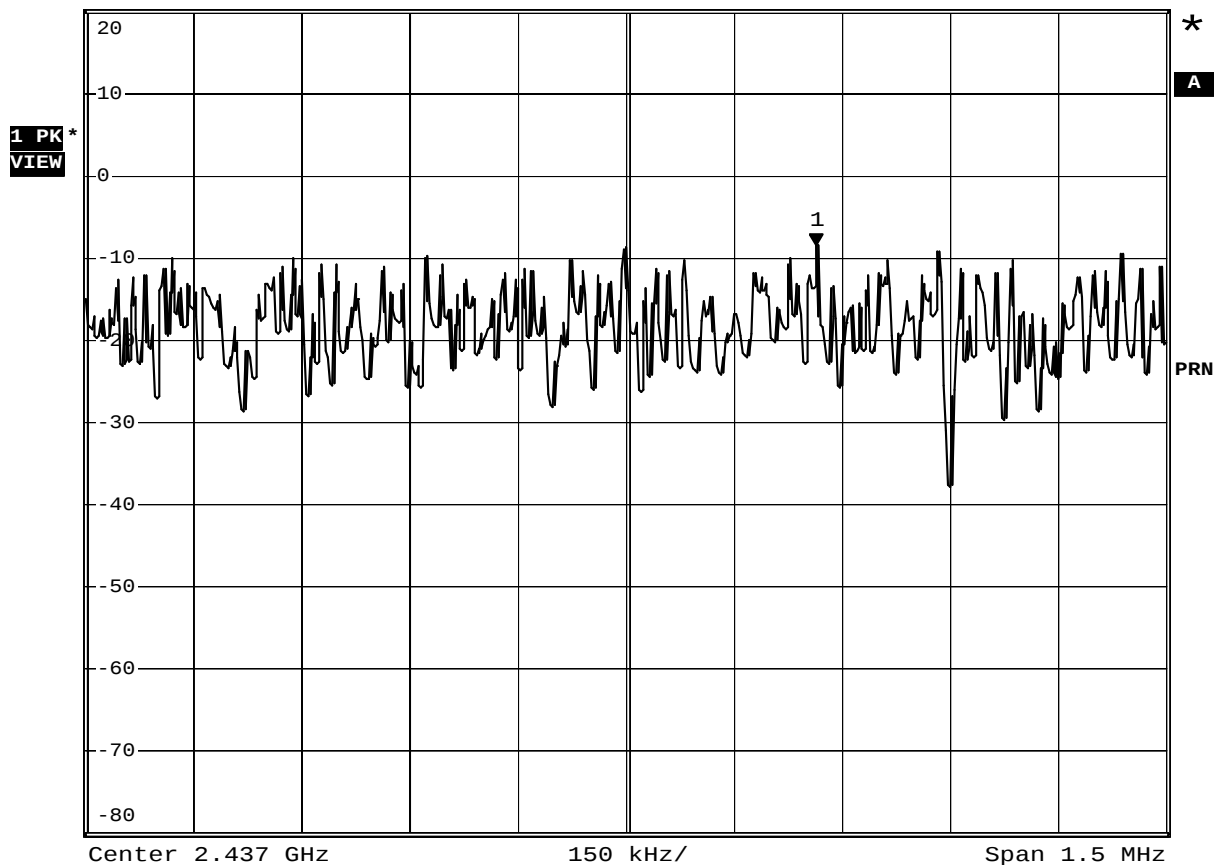
Date: 1.APR.2009 17:01:18



Channel 6

* RBW 3 kHz Marker 1 [T1]
 * VBW 10 kHz -8.41 dBm
 * SWT 500 s

Ref 20 dBm * Att 30 dB 2.437264000 GHz



Date: 1.APR.2009 16:55:18

Channel 11

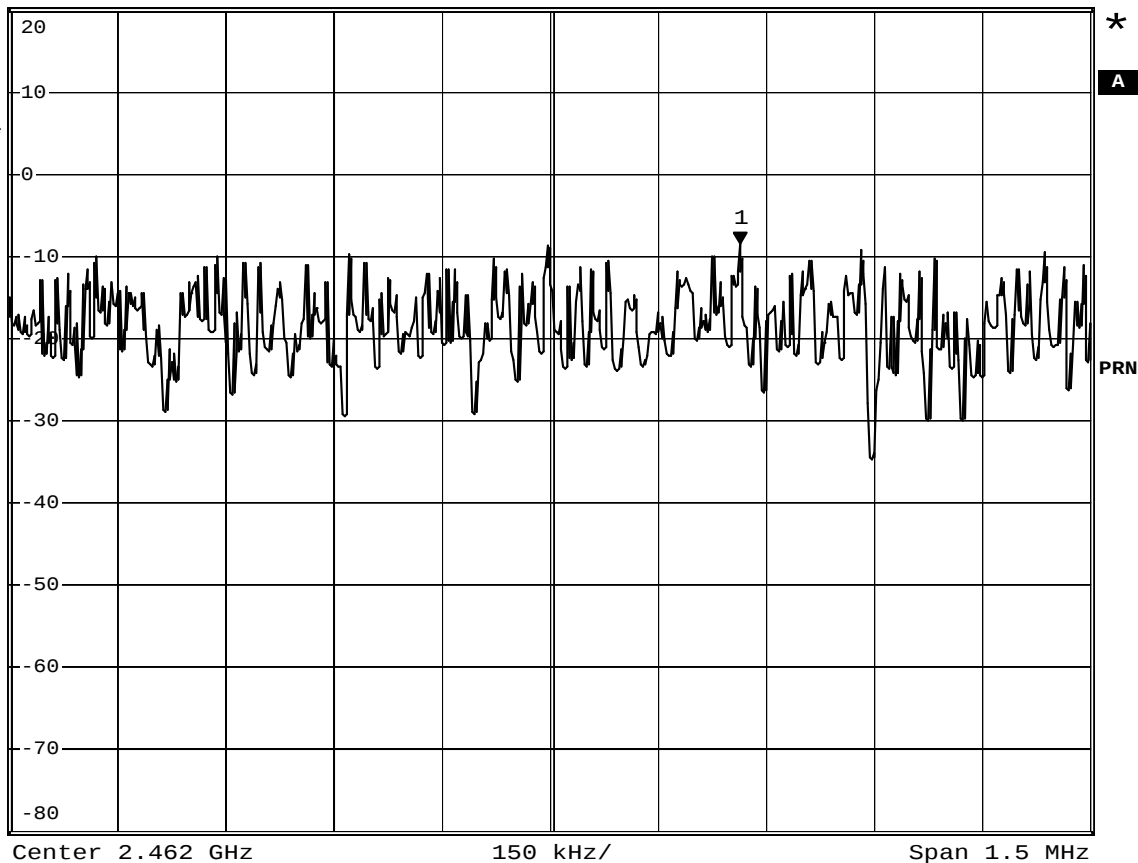


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -8.45 dBm
 *SWT 500 s 2.462264000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW

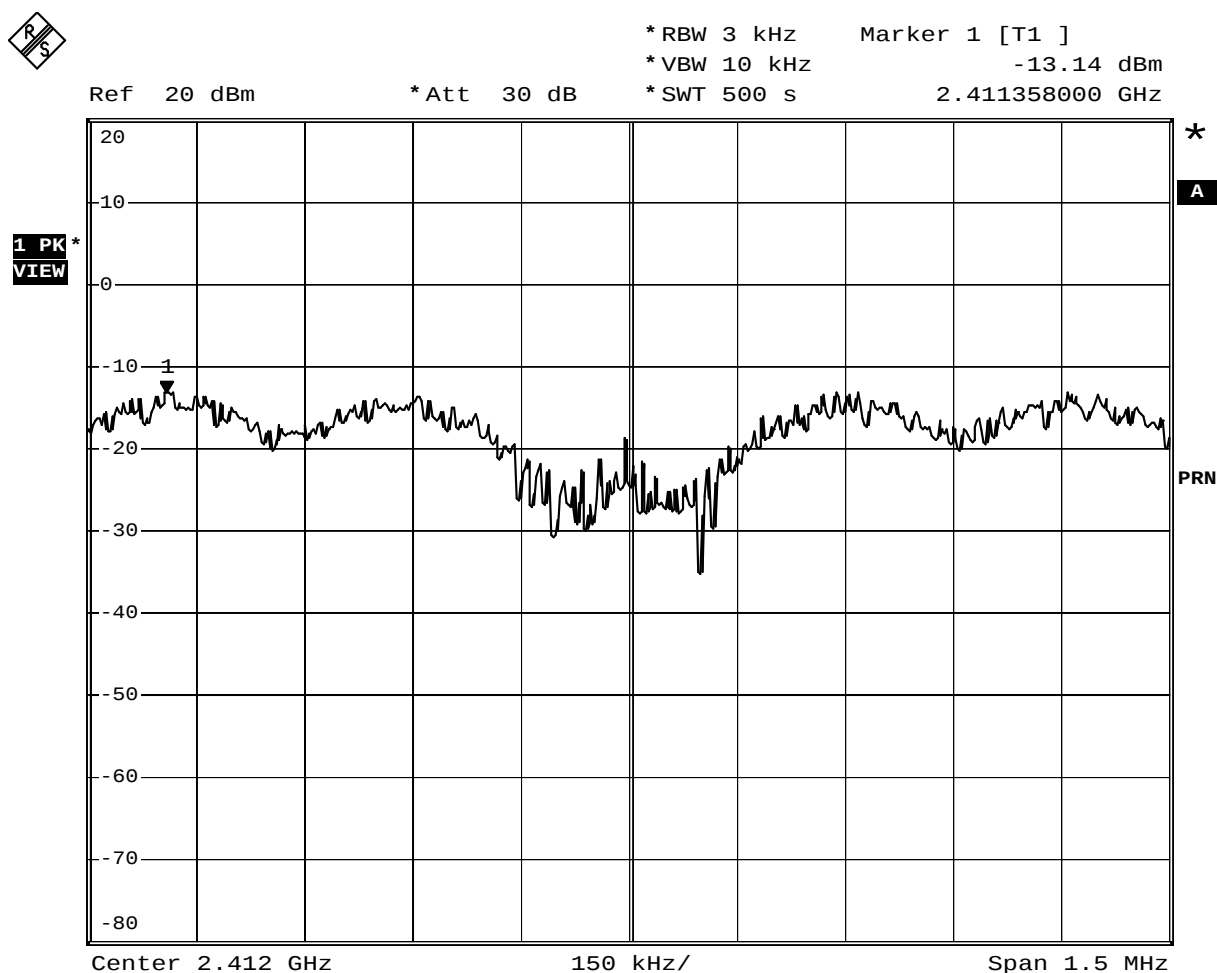


Date: 1.APR.2009 17:06:36

Product	Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-13.14	≤8	Pass
6	2437	-12.78	≤8	Pass
11	2462	-13.11	≤8	Pass

Channel 1



Date: 1.APR.2009 17:12:33

Channel 6

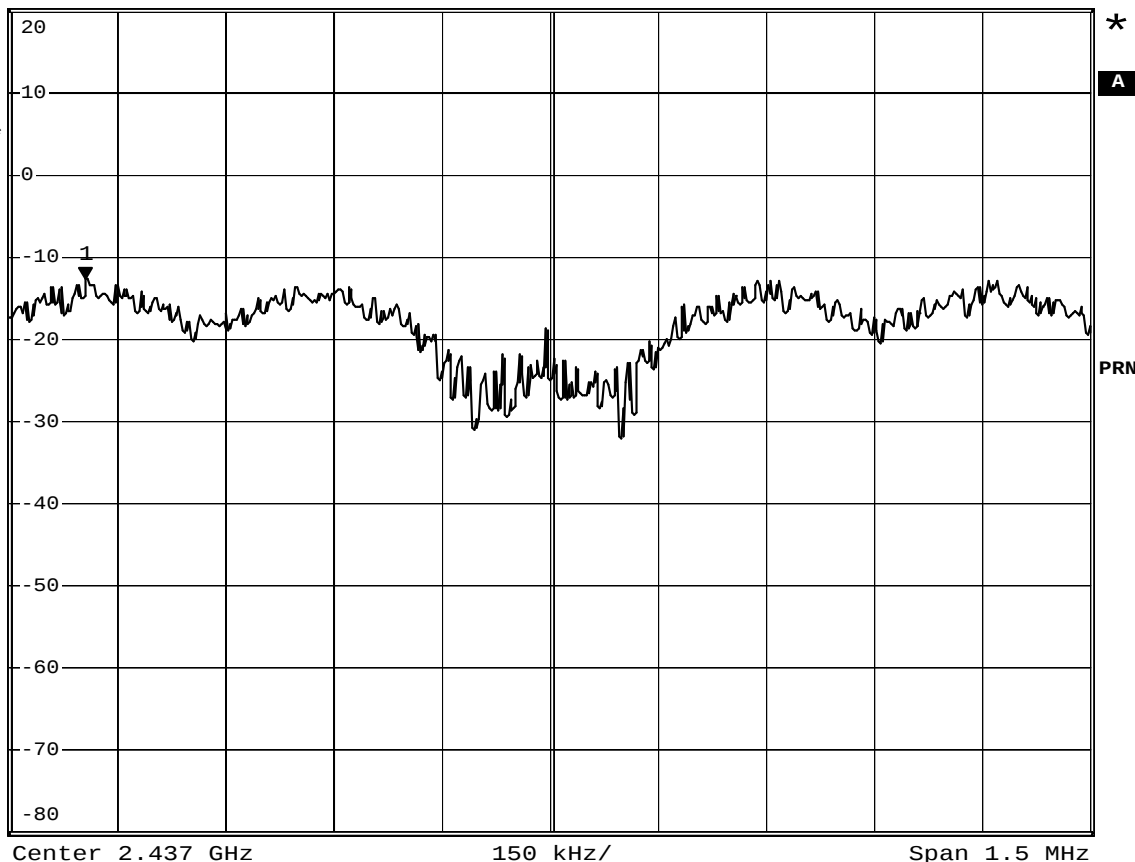


* RBW 3 kHz Marker 1 [T1]
 * VBW 10 kHz -12.78 dBm
 * SWT 500 s 2.436355000 GHz

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 17:15:42

Channel 11

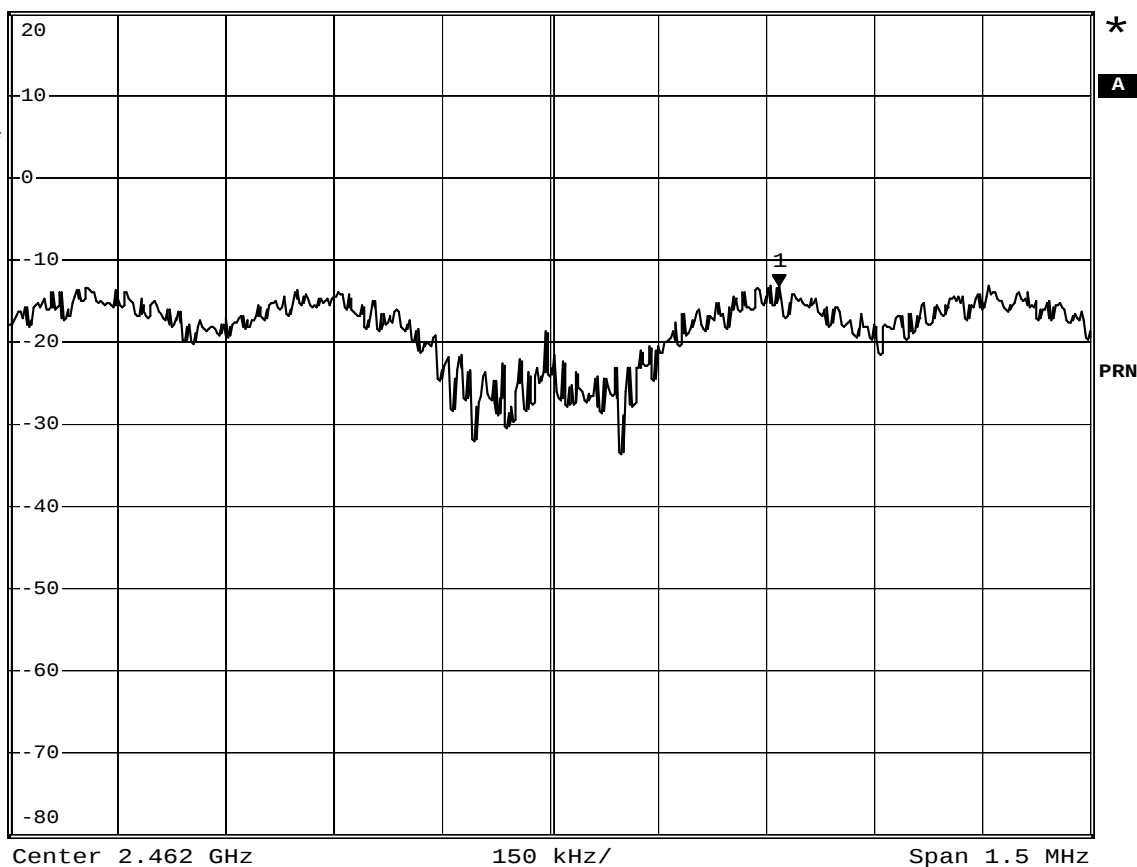


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -13.11 dBm
 *SWT 500 s 2.462318000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 17:18:56

Product	Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE802.11n MCS7 20MHz_Tx; ANT A				
Channel No.	Frequency (MHz)	Measure Level	Limit (dBm)	Result
		(dBm)		
1	2412.00	-18.02	≤8	Pass
6	2437.00	-17.86	≤8	Pass
11	2462.00	-17.73	≤8	Pass

IEEE802.11n MCS7 20MHz_Tx; ANT A

Channel 1

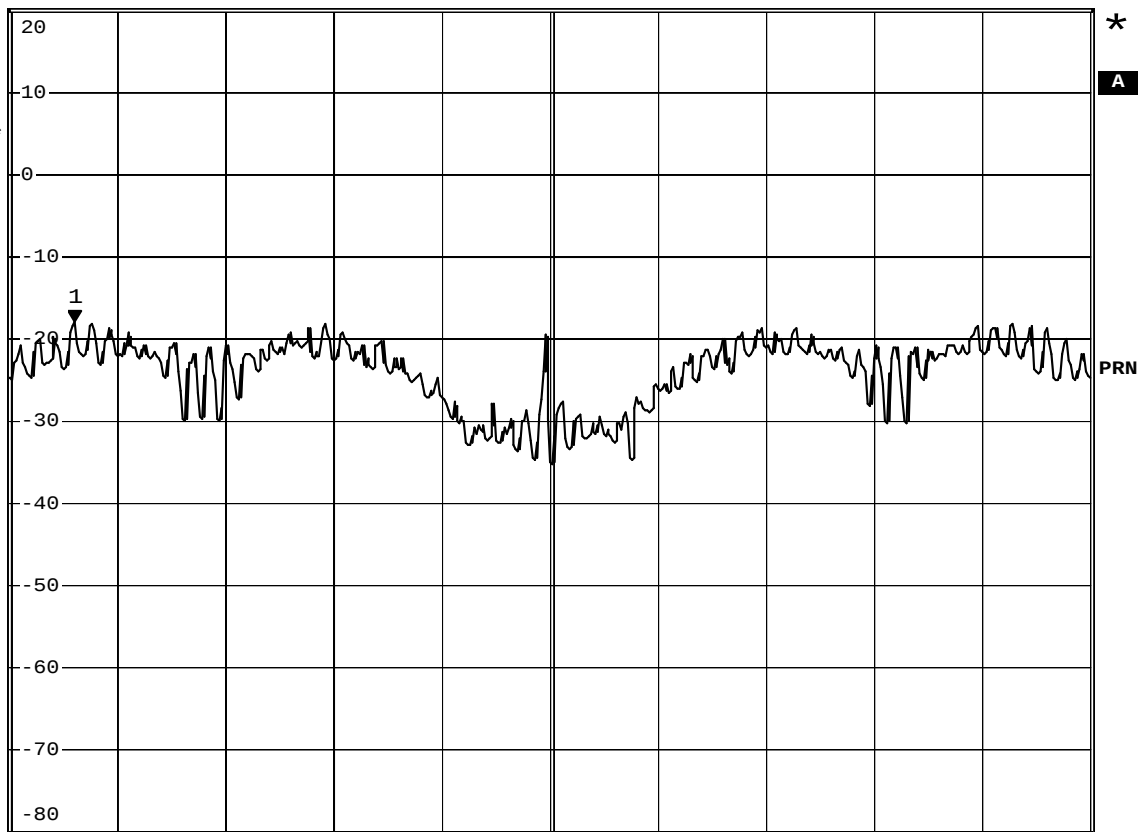


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -18.02 dBm
 *SWT 500 s 2.411340000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Center 2.412 GHz

150 kHz/

Span 1.5 MHz

Date: 1.APR.2009 17:22:34

IEEE802.11n MCS7 20MHz_Tx; ANT A
Channel 6

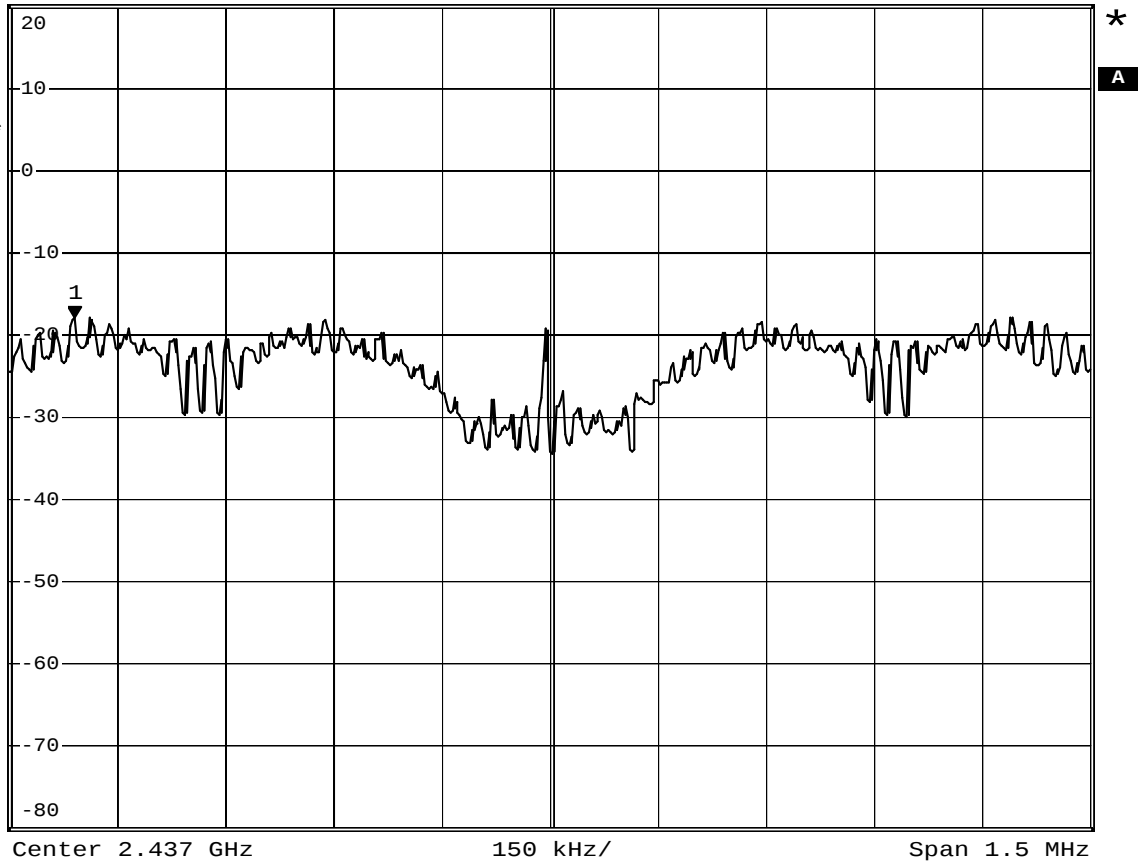


*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -17.86 dBm
*SWT 500 s 2.436340000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 17:25:48

IEEE802.11n MCS7 20MHz_Tx; ANT A
Channel 11

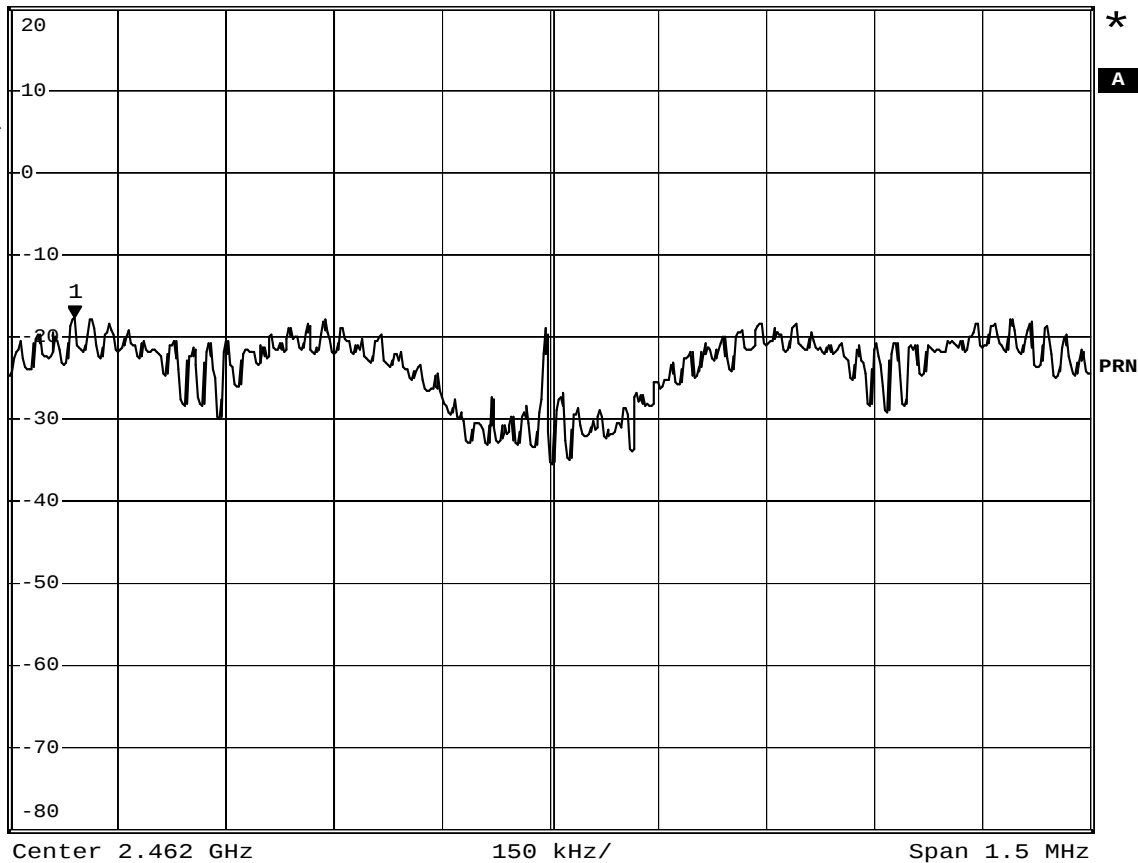


* RBW 3 kHz Marker 1 [T1]
* VBW 10 kHz -17.73 dBm
* SWT 500 s 2.461340000 GHz

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 17:46:59

Product	Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/04/01	Test Site	No.1 OATS

IEEE 802.11n MCS7 40MHz_Tx ; ANT A				
Channel No.	Frequency (MHz)	Measure Level	Limit (dBm)	Result
		(dBm)		
3	2422	-19.82	≤ 8	Pass
6	2437	-19.60	≤ 8	Pass
9	2452	-19.40	≤ 8	Pass

IEEE 802.11n MCS7 40MHz_Tx ; ANT A
Channel 3

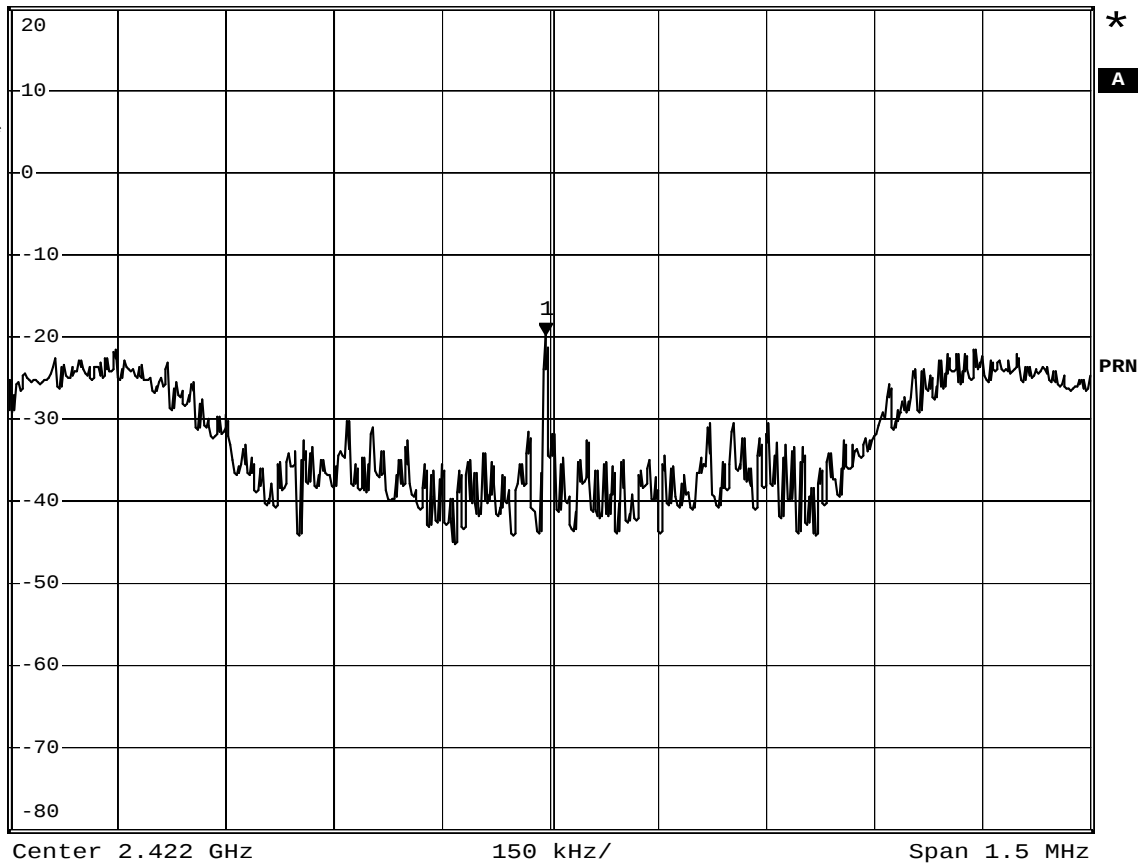


* RBW 3 kHz Marker 1 [T1]
* VBW 10 kHz -19.82 dBm
* SWT 500 s 2.421994000 GHz

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 18:38:22

IEEE 802.11n MCS7 40MHz_Tx ; ANT A
Channel 6

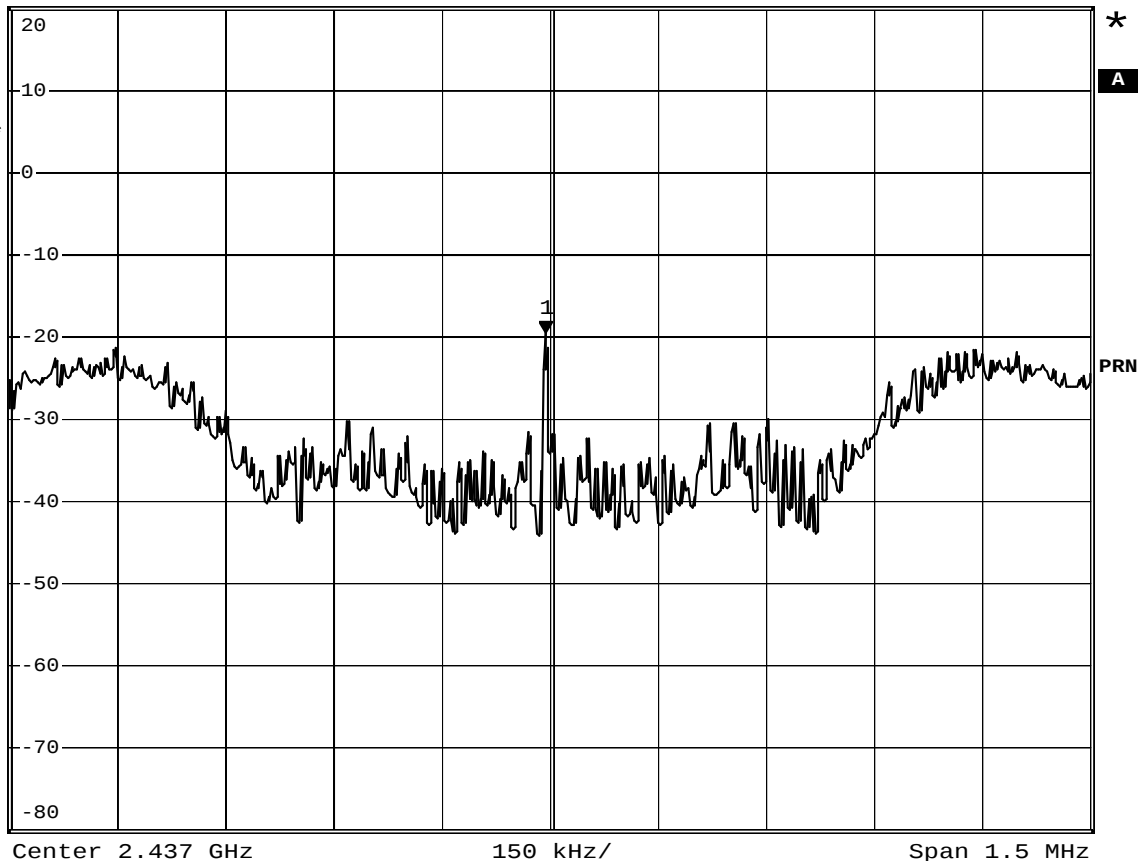


*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -19.60 dBm
*SWT 500 s 2.436994000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 18:41:01

IEEE 802.11n MCS7 40MHz_Tx ; ANT A
Channel 9

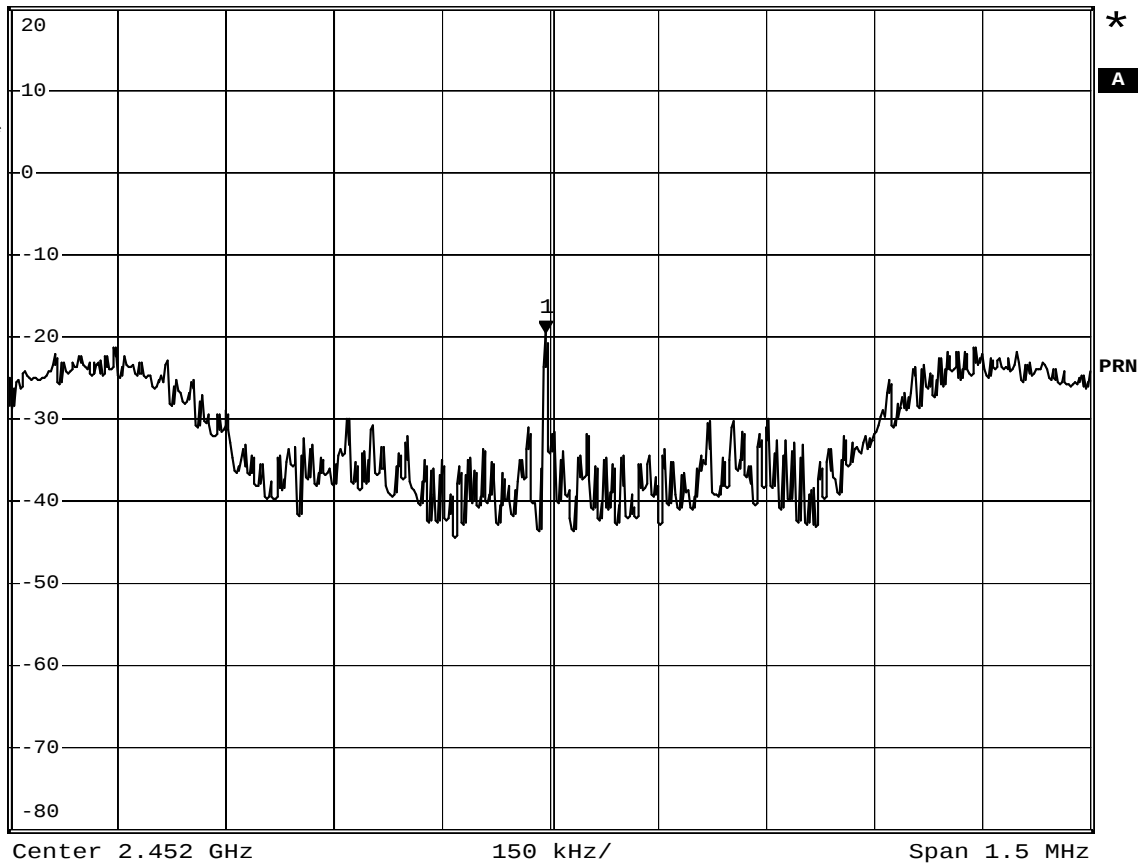


* RBW 3 kHz Marker 1 [T1]
* VBW 10 kHz -19.40 dBm
* SWT 500 s 2.451994000 GHz

Ref 20 dBm

* Att 30 dB

1 PK*
VIEW



Date: 1.APR.2009 18:44:02