



Test Report

Product Name : Wireless ADSL2+ Router

Model No. : DSL-2640R

FCC ID. : KA2SL2640RD

Applicant : D-Link Corporation

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

Date of Receipt : 2007/12/05

Issued Date : 2008/03/07

Report No. : 07C107R-RFUSP05V01

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 : 2008/03/07

Report No. : 07C107R-RFUSP05V01



Product Name : Wireless ADSL2+ Router
 Applicant : D-Link Corporation
 Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114,
 Taiwan, R.O.C.
 Manufacturer : Alpha Networks Inc.
 Model No. : DSL-2640R
 FCC ID. : KA2SL2640RD
 Rated Voltage : AC 120 V / 60 Hz
 EUT Voltage : AC 120 V / 60 Hz
 Trade Name : D-Link
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247
 Test Result : Complied

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.

Documented By : Sandy Chuang

(Sandy Chuang / Adm. Specialist)

Reviewed By : Halu Chung

(Halu Chung / Assistant Engineer)

Approved By : Roy Wang

(Roy Wang / Manager)

TABLE OF CONTENTS

Description	Page
1. General Information.....	5
1.1. EUT Description	5
1.2. Operational Description	7
1.3. Test Mode.....	8
1.4. Tested System Details	9
1.5. Configuration of tested System.....	10
1.6. EUT Exercise Software.....	10
1.7. Test Facility.....	11
2. Conducted Emission	12
2.1. Test Equipment.....	12
2.2. Test Setup	12
2.3. Limits.....	13
2.4. Test Procedure	13
2.5. Uncertainty	13
2.6. Test Result.....	14
2.7. Test Photo	30
3. Peak Power Output.....	32
3.1. Test Equipment.....	32
3.2. Test Setup	32
3.3. Test procedures.....	32
3.4. Limits.....	32
3.5. Uncertainty	32
3.6. Test Result.....	33
4. Radiated Emission.....	41
4.1. Test Equipment.....	41
4.2. Test Setup	41
4.3. Limits.....	42
4.4. Test Procedure	42
4.5. Uncertainty	42
4.6. Test Result.....	43
4.7. Test Photo	63
5. RF antenna conducted test.....	67
5.1. Test Equipment.....	67
5.2. Test Setup	67
5.3. Limits.....	68
5.4. Test Procedure	68
5.5. Uncertainty	68
5.6. Test Result.....	69
6. Radiated Emission Band Edge	73
6.1. Test Equipment.....	73
6.2. Test Setup	74
6.3. Limits.....	74
6.4. Test Procedure	74
6.5. Uncertainty	74

6.6.	Test Result.....	75
7.	Occupied Bandwidth	91
7.1.	Test Equipment.....	91
7.2.	Test Setup	91
7.3.	Test Procedures.....	91
7.4.	Limits	91
7.5.	Uncertainty	91
7.6.	Test Result.....	92
8.	Power Density.....	98
8.1.	Test Equipment.....	98
8.2.	Test Setup	98
8.3.	Limits.....	98
8.4.	Test Procedures.....	98
8.5.	Uncertainty	98
8.6.	Test Result.....	99
Attachement		105
<input type="checkbox"/>	EUT Photograph.....	105

1. General Information

1.1. EUT Description

Product Name	Wireless ADSL2+ Router
Trade Name	D-Link
Model No.	DSL-2640R
Frequency Range	2412~2462MHz
Channel Number	11
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
Antenna Gain	2dBi
Channel Control	Manual
Antenna Type	I-PEX (Application: 1/4 λ Dipole Antenna , Model Number: THW2056A)

Component	
LAN Cable	Non-Shielded, 1.5m
RJ11 Cable	Non-Shielded, 1.8m
Power Adapter	FAIRWAY, WRG15L-120AB I/P: 100-120V~1.0A, max 50-60Hz O/P: +12V, 1.25A Cable Out: Non-Shielded, 1.8m
	D-Link, AH1812-A I/P: 100-120V~0.4A, max 50-60Hz O/P: +12V, 1.25A Cable Out: Non-Shielded, 1.8m

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		

Note:

1. This device is a Wireless ADSL2+ Router, which including 2.4GHz WLAN transmitting function, and 2.4GHz WLAN 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 07C107R-RFUSP01V02 under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	
EMI	Mode 1: Transmit- Adapter (FAIRWAY) Mode 2: Transmit- Adapter (D-Link)
Final Test Mode	
TX	Mode 1: Transmit- Adapter (FAIRWAY) Mode 2: Transmit- Adapter (D-Link)

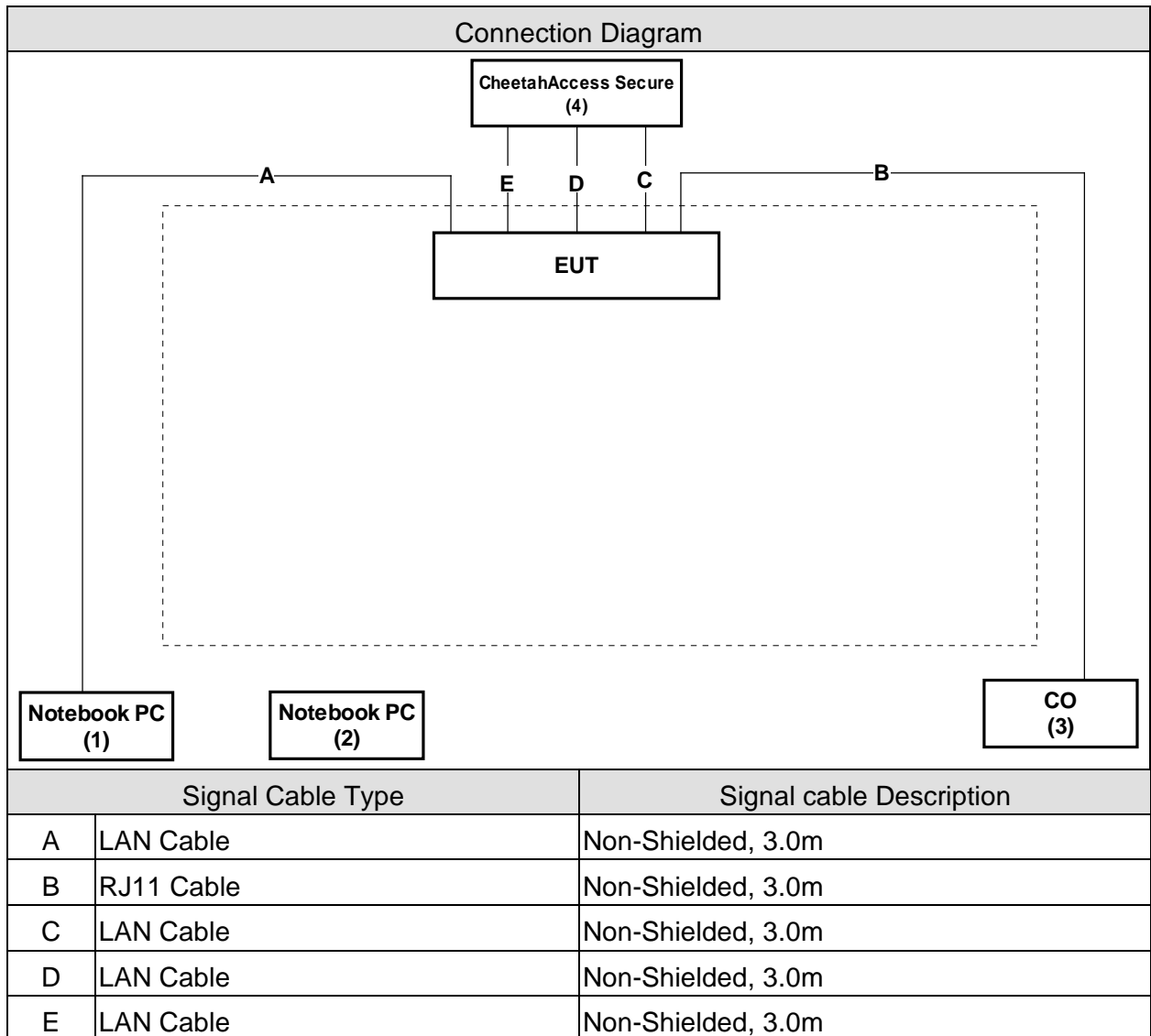
Emission	Mode 1	Mode 2
Conducted Emission	Yes	Yes
Peak Power Output	Yes	No
Radiated Emission	Yes	Yes
Band Edge	Yes	No
Occupied Bandwidth	Yes	No
Power Density	Yes	No

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 Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-shielded, 1.7m, a ferrite core bonded
2 Notebook PC	DELL	LATITUDE D400	HK43D1S	DoC	Non-shielded, 1.7m, a ferrite core bonded
CO	D-Link	DAS-3224	N/A	DoC	--
CheetahAccess Secure	Accton	AC-IG1104	N/A	DoC	Non-shielded, 1.8m

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will be communicated between computer and EUT.
5	All the peripheral will be retrieved during the test.
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	26
Humidity (%RH)		25 - 75	51
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	51
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	51
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, 2008



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

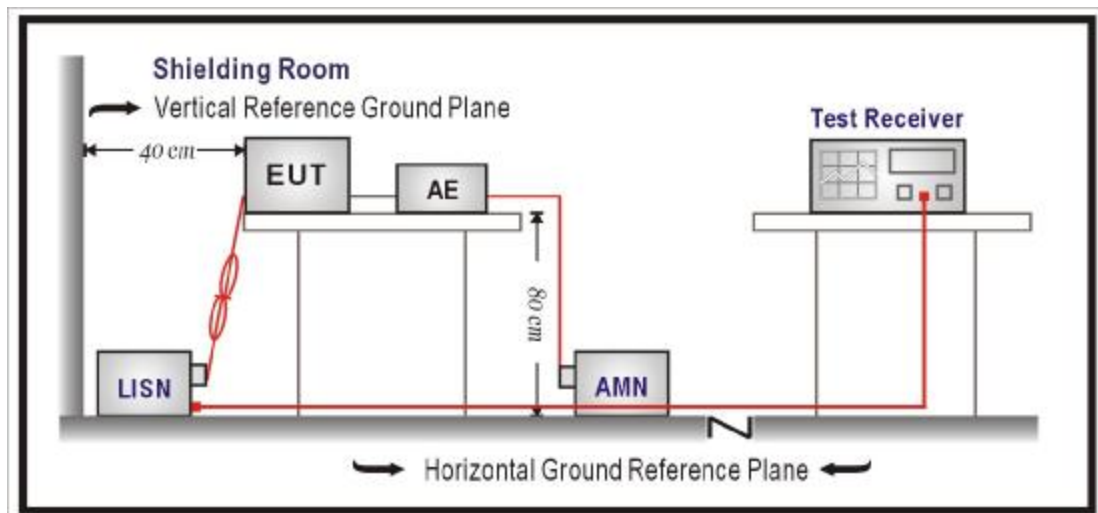
2.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/018	Sep., 2007	
2	Artificial Mains Network	R & S	ENV4200/848411/10	Feb., 2008	Peripherals
3	LISN	R & S	ESH3-Z5/825562/002	Feb., 2008	EUT
4	Pulse Limiter	R & S	ESH3-Z2/357.8810.52	Feb., 2008	
5	No.2 Shielded Room			N/A	

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

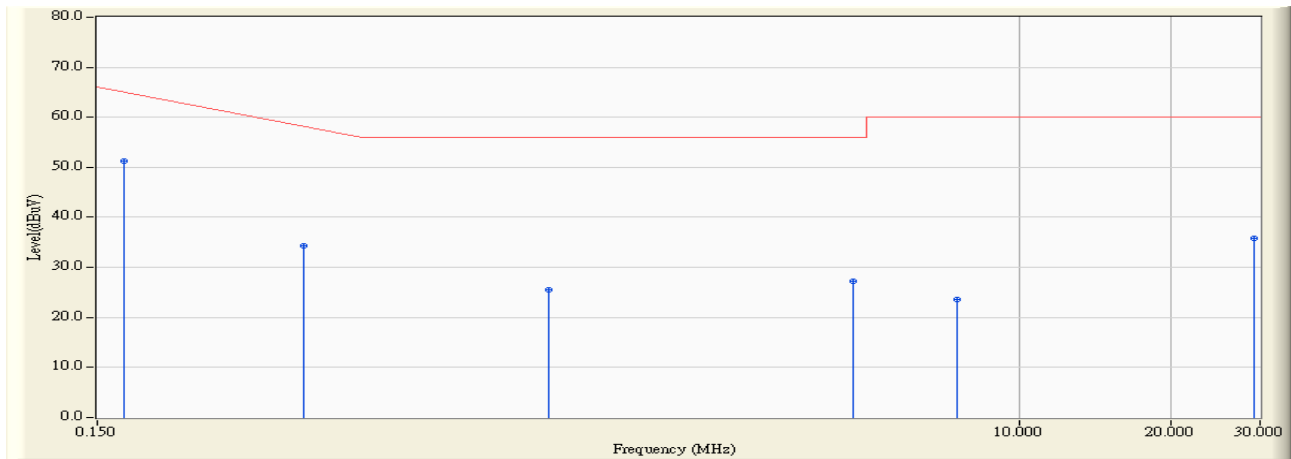
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.6. Test Result

Site : ShieldingRoom 2	Time : 2008/02/15 - 10:33
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-B

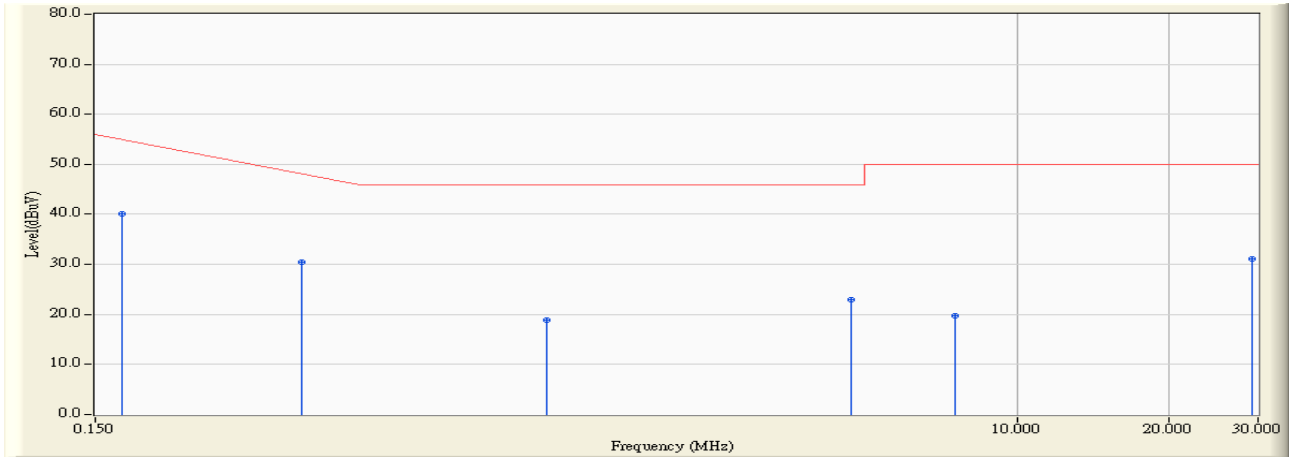


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.170	0.060	51.280	51.340	-14.089	65.429	QUASIPeAK
2		0.384	0.070	34.320	34.390	-24.924	59.314	QUASIPeAK
3		1.173	0.088	25.480	25.568	-30.432	56.000	QUASIPeAK
4		4.709	0.250	27.000	27.250	-28.750	56.000	QUASIPeAK
5		7.548	0.400	23.160	23.560	-36.440	60.000	QUASIPeAK
6		29.236	1.384	34.530	35.914	-24.086	60.000	QUASIPeAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 10:33
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-B

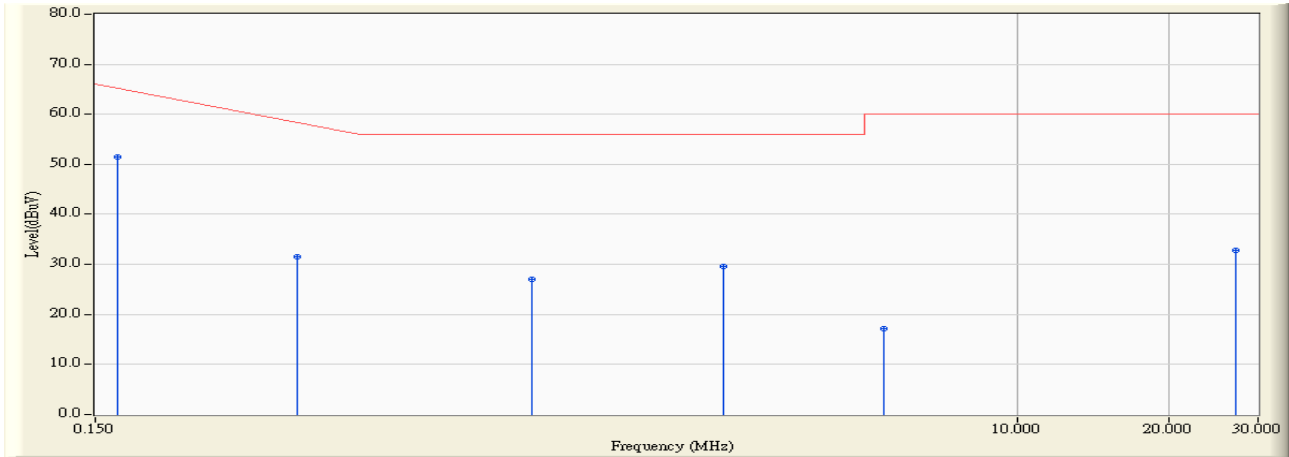


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.170	0.060	40.030	40.090	-15.339	55.429	AVERAGE
2		0.384	0.070	30.440	30.510	-18.804	49.314	AVERAGE
3		1.173	0.088	18.800	18.888	-27.112	46.000	AVERAGE
4		4.709	0.250	22.670	22.920	-23.080	46.000	AVERAGE
5		7.548	0.400	19.270	19.670	-30.330	50.000	AVERAGE
6		29.236	1.384	29.680	31.064	-18.936	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 : ShieldingRoom 2	Time : 2008/02/15 - 10:37
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-B

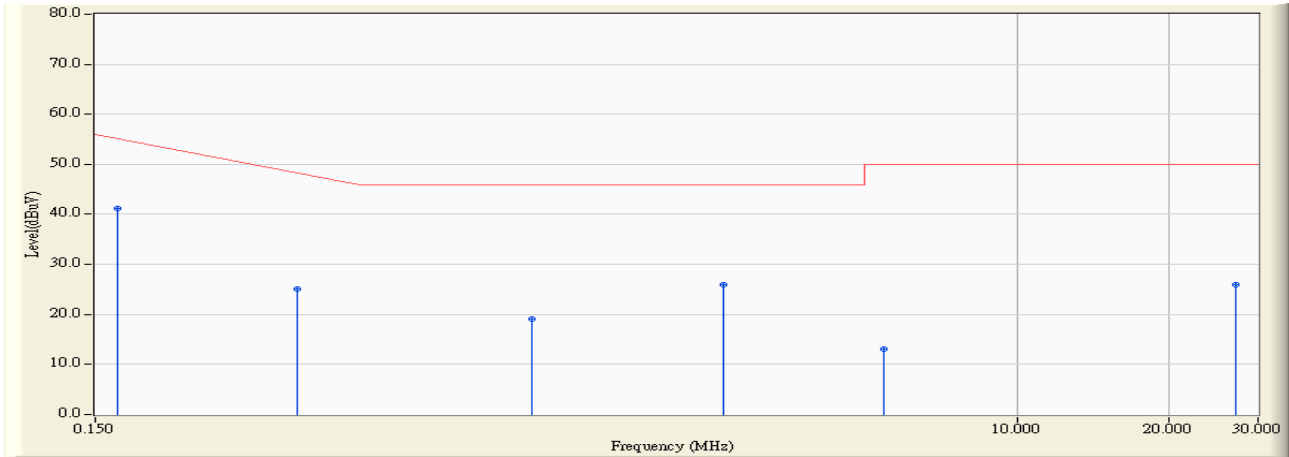


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	0.060	51.440	51.500	-14.043	65.543	QUASPEAK
2		0.377	0.070	31.360	31.430	-28.084	59.514	QUASPEAK
3		1.099	0.070	26.940	27.010	-28.990	56.000	QUASPEAK
4		2.619	0.120	29.410	29.530	-26.470	56.000	QUASPEAK
5		5.459	0.270	16.860	17.130	-42.870	60.000	QUASPEAK
6		27.162	1.000	31.810	32.810	-27.190	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 10:37
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-B

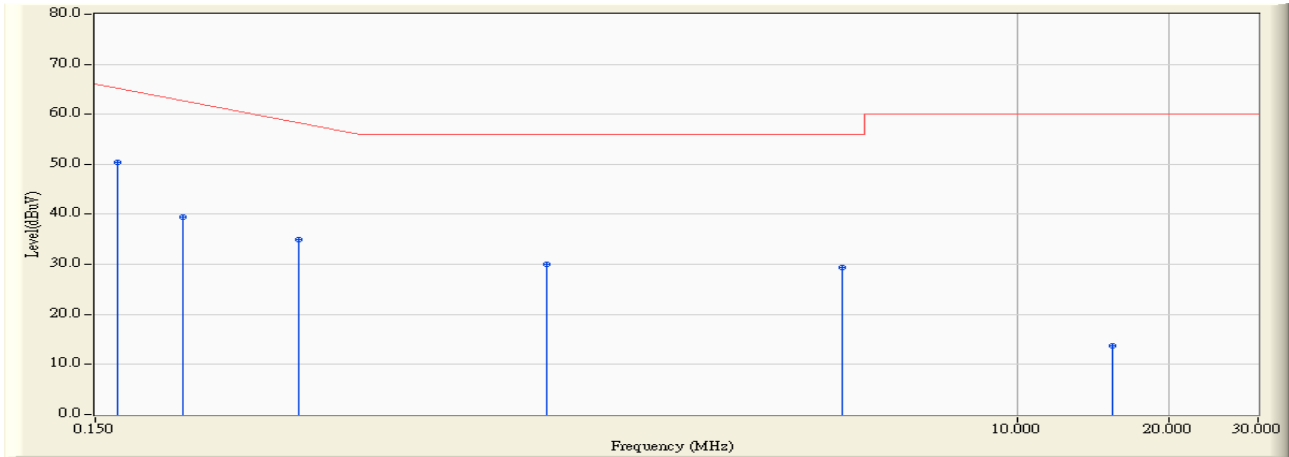


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	0.060	41.160	41.220	-14.323	55.543	AVERAGE
2		0.377	0.070	25.010	25.080	-24.434	49.514	AVERAGE
3		1.099	0.070	19.020	19.090	-26.910	46.000	AVERAGE
4		2.619	0.120	25.900	26.020	-19.980	46.000	AVERAGE
5		5.459	0.270	12.890	13.160	-36.840	50.000	AVERAGE
6		27.162	1.000	25.020	26.020	-23.980	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 : ShieldingRoom 2	Time : 2008/02/15 - 10:43
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-G

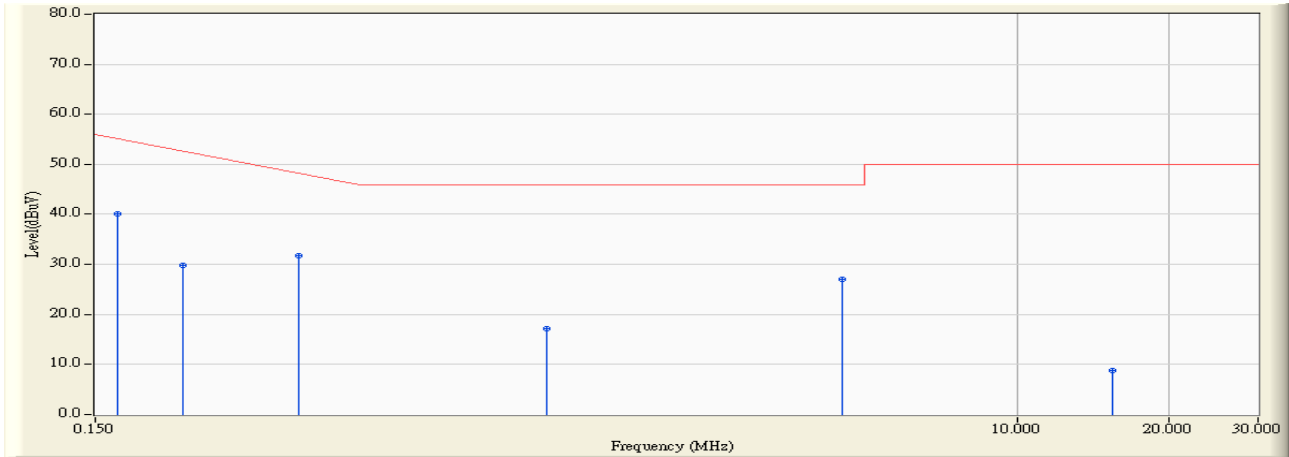


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	0.060	50.360	50.420	-15.123	65.543	QUASPEAK
2		0.224	0.060	39.420	39.480	-24.406	63.886	QUASPEAK
3		0.380	0.070	34.960	35.030	-24.399	59.429	QUASPEAK
4		1.170	0.087	29.880	29.967	-26.033	56.000	QUASPEAK
5		4.502	0.250	29.130	29.380	-26.620	56.000	QUASPEAK
6		15.412	0.940	12.780	13.720	-46.280	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 10:43
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-G

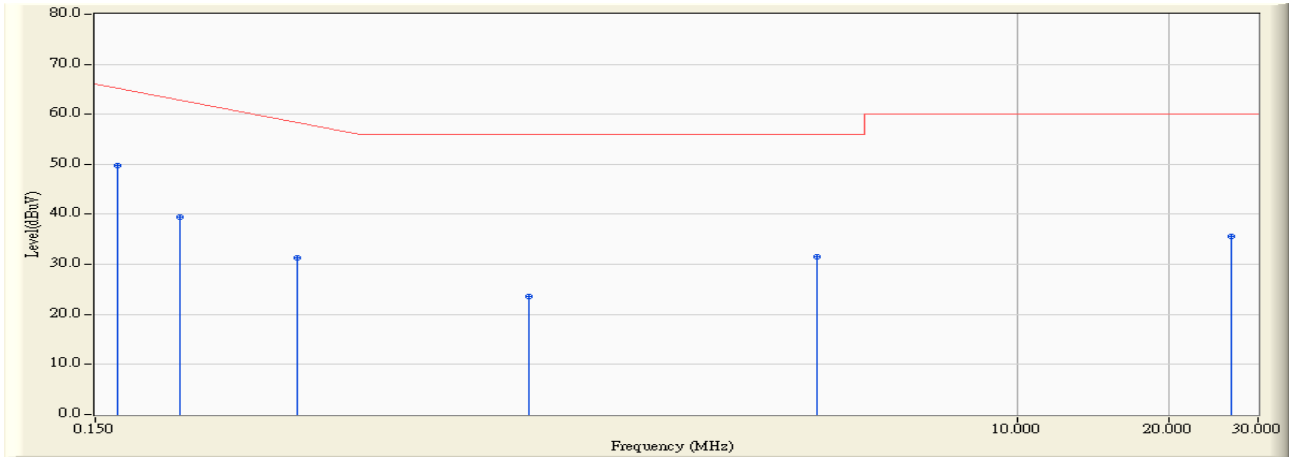


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	0.060	40.030	40.090	-15.453	55.543	AVERAGE
2		0.224	0.060	29.770	29.830	-24.056	53.886	AVERAGE
3		0.380	0.070	31.650	31.720	-17.709	49.429	AVERAGE
4		1.170	0.087	17.090	17.177	-28.823	46.000	AVERAGE
5		4.502	0.250	26.700	26.950	-19.050	46.000	AVERAGE
6		15.412	0.940	7.850	8.790	-41.210	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 : ShieldingRoom 2	Time : 2008/02/15 - 10:47
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-G

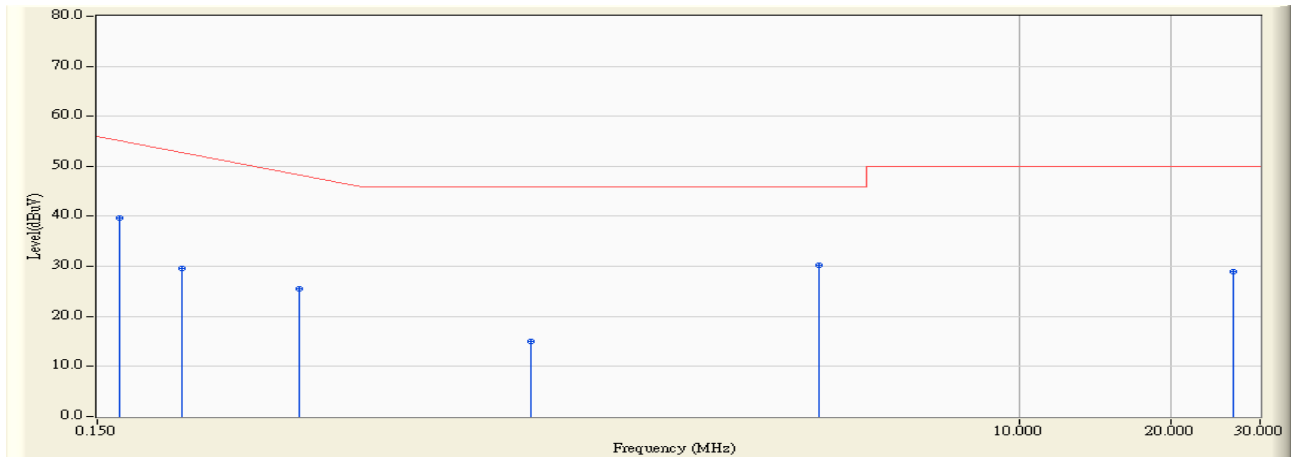


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	0.060	49.700	49.760	-15.783	65.543	QUASPEAK
2		0.220	0.060	39.500	39.560	-24.440	64.000	QUASPEAK
3		0.377	0.070	31.280	31.350	-28.164	59.514	QUASPEAK
4		1.084	0.070	23.580	23.650	-32.350	56.000	QUASPEAK
5		4.009	0.220	31.350	31.570	-24.430	56.000	QUASPEAK
6		26.611	1.000	34.640	35.640	-24.360	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 10:47
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 1: Transmit- Adapter (FAIRWAY)-G

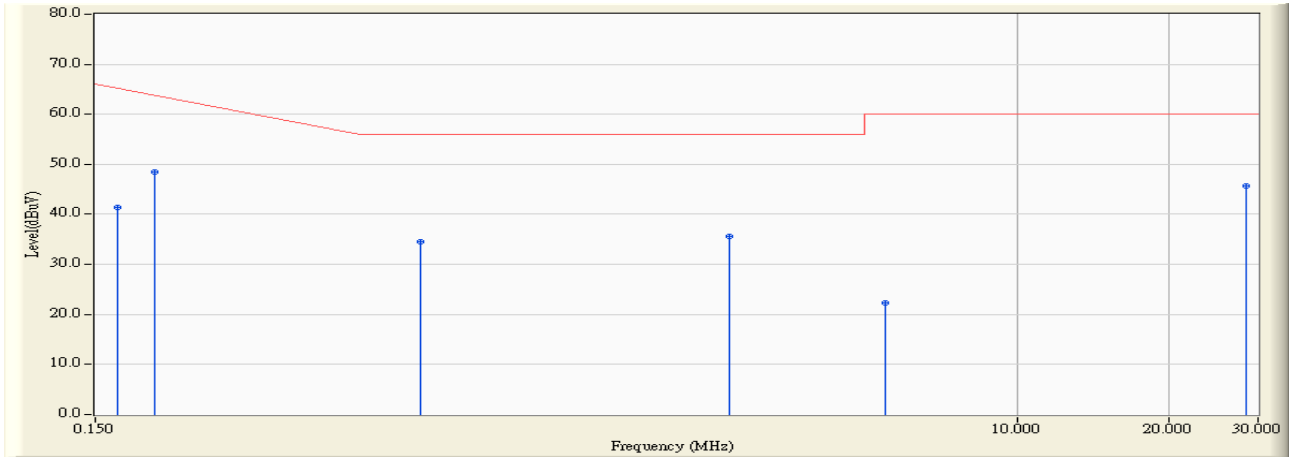


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	0.060	39.600	39.660	-15.883	55.543	AVERAGE
2	0.220	0.060	29.630	29.690	-24.310	54.000	AVERAGE
3	0.377	0.070	25.460	25.530	-23.984	49.514	AVERAGE
4	1.084	0.070	14.980	15.050	-30.950	46.000	AVERAGE
5	* 4.009	0.220	29.990	30.210	-15.790	46.000	AVERAGE
6	26.611	1.000	28.040	29.040	-20.960	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 : ShieldingRoom 2	Time : 2008/02/15 - 12:03
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-B

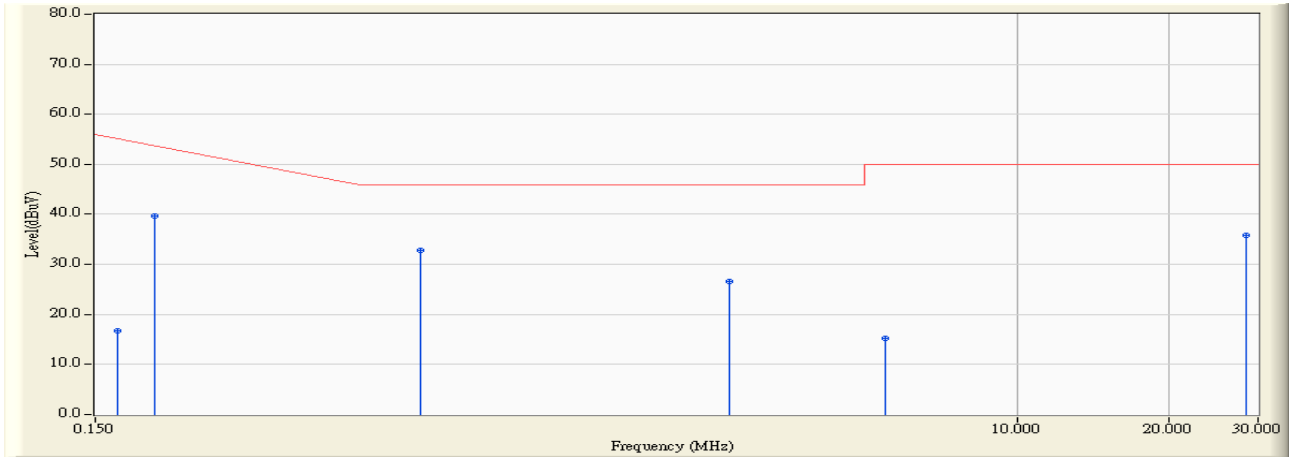


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	0.060	41.310	41.370	-24.173	65.543	QUASPEAK
2		0.197	0.060	48.350	48.410	-16.247	64.657	QUASPEAK
3		0.658	0.070	34.420	34.490	-21.510	56.000	QUASPEAK
4		2.702	0.190	35.460	35.650	-20.350	56.000	QUASPEAK
5		5.478	0.300	21.970	22.270	-37.730	60.000	QUASPEAK
6	*	28.375	1.370	44.350	45.720	-14.280	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 12:03
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-B

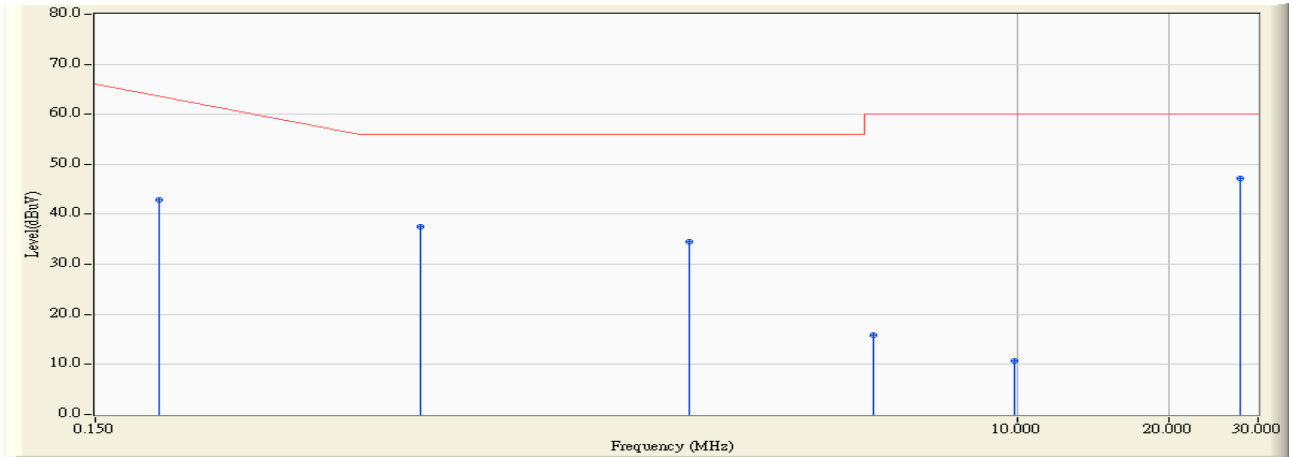


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	0.060	16.600	16.660	-38.883	55.543	AVERAGE
2	0.197	0.060	39.590	39.650	-15.007	54.657	AVERAGE
3	* 0.658	0.070	32.850	32.920	-13.080	46.000	AVERAGE
4	2.702	0.190	26.430	26.620	-19.380	46.000	AVERAGE
5	5.478	0.300	14.860	15.160	-34.840	50.000	AVERAGE
6	28.375	1.370	34.360	35.730	-14.270	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 : ShieldingRoom 2	Time : 2008/02/15 - 13:11
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-B

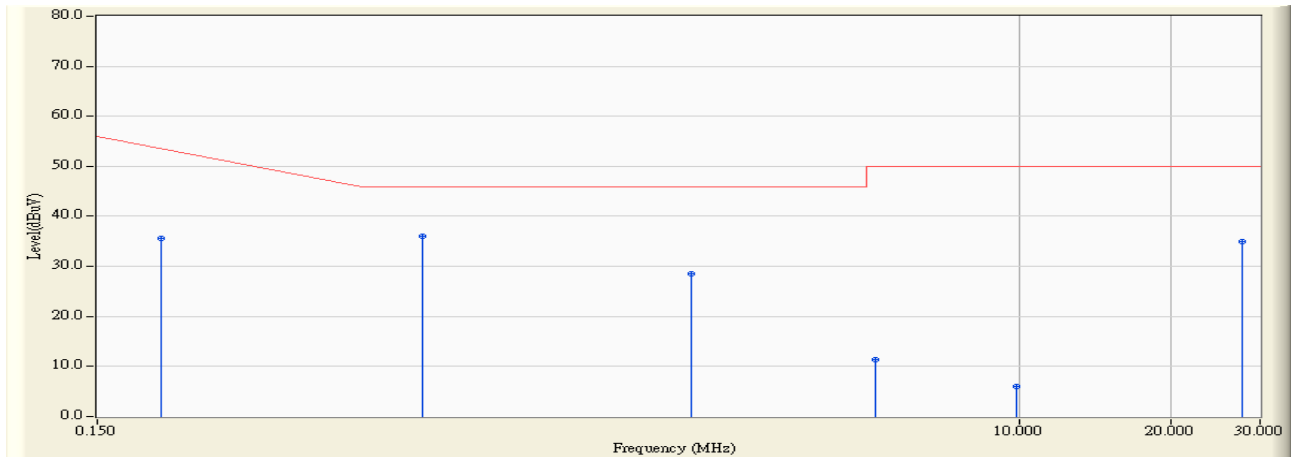


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.201	0.060	42.930	42.990	-21.553	64.543	QUASPEAK
2		0.660	0.070	37.540	37.610	-18.390	56.000	QUASPEAK
3		2.246	0.098	34.400	34.498	-21.502	56.000	QUASPEAK
4		5.193	0.260	15.530	15.790	-44.210	60.000	QUASPEAK
5		9.869	0.420	10.300	10.720	-49.280	60.000	QUASPEAK
6	*	27.655	1.000	46.160	47.160	-12.840	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 13:11
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-B

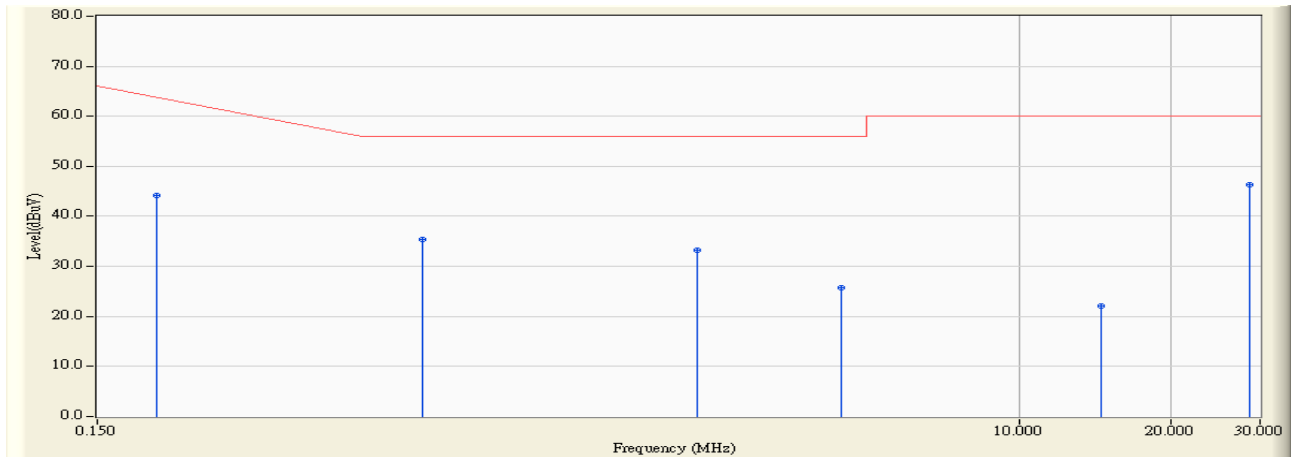


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.201	0.060	35.470	35.530	-19.013	54.543	AVERAGE
2	*	0.660	0.070	35.890	35.960	-10.040	46.000	AVERAGE
3		2.246	0.098	28.360	28.458	-17.542	46.000	AVERAGE
4		5.193	0.260	11.060	11.320	-38.680	50.000	AVERAGE
5		9.869	0.420	5.610	6.030	-43.970	50.000	AVERAGE
6		27.655	1.000	33.890	34.890	-15.110	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 : ShieldingRoom 2	Time : 2008/02/15 - 13:20
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-G

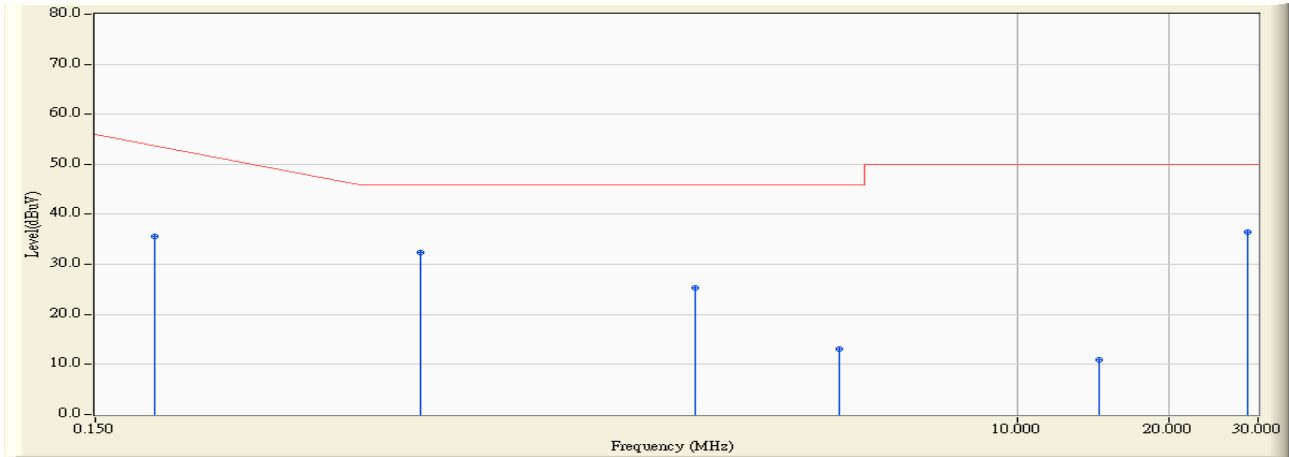


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.197	0.060	44.130	44.190	-20.467	64.657	QUASPEAK
2		0.660	0.070	35.340	35.410	-20.590	56.000	QUASPEAK
3		2.308	0.190	32.960	33.150	-22.850	56.000	QUASPEAK
4		4.464	0.245	25.560	25.805	-30.195	56.000	QUASPEAK
5		14.545	0.880	21.160	22.040	-37.960	60.000	QUASPEAK
6	*	28.692	1.370	44.900	46.270	-13.730	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 13:20
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-G

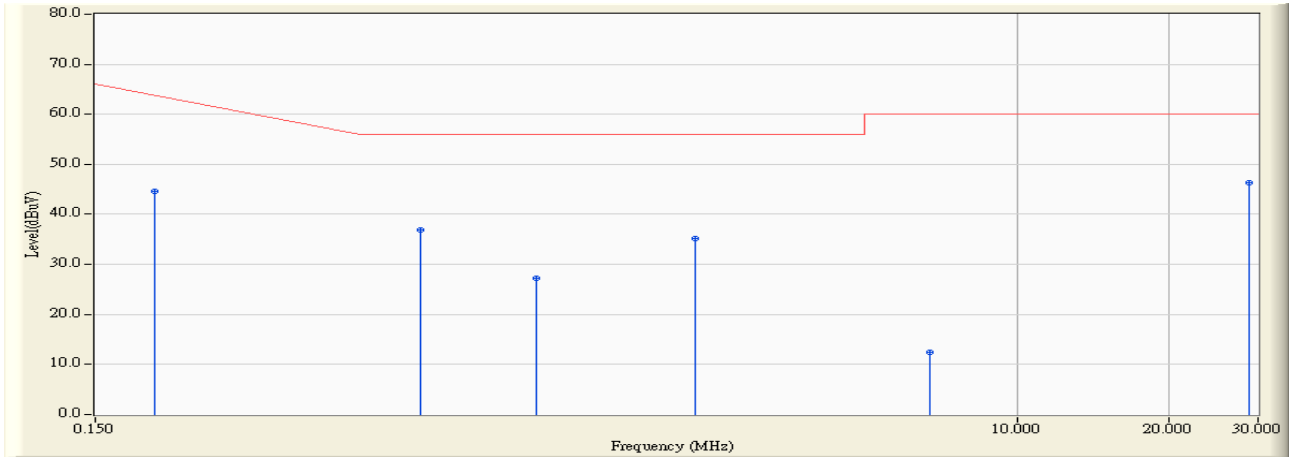


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.197	0.060	35.620	35.680	-18.977	54.657	AVERAGE
2		0.660	0.070	32.320	32.390	-13.610	46.000	AVERAGE
3		2.308	0.190	25.080	25.270	-20.730	46.000	AVERAGE
4		4.464	0.245	12.930	13.175	-32.825	46.000	AVERAGE
5		14.545	0.880	9.970	10.850	-39.150	50.000	AVERAGE
6	*	28.692	1.370	35.150	36.520	-13.480	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 : ShieldingRoom 2	Time : 2008/02/15 - 13:24
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-G

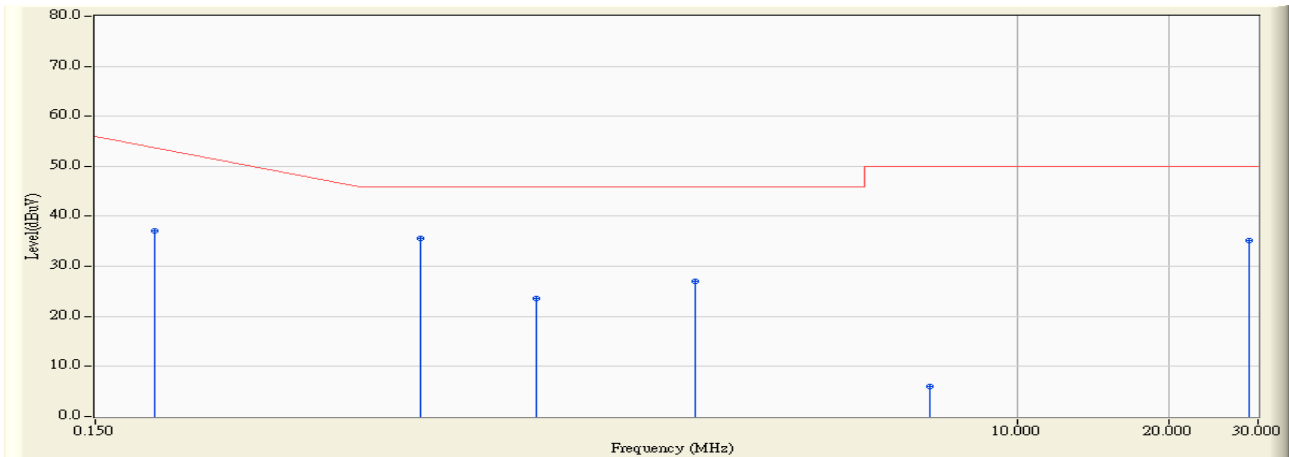


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.197	0.060	44.600	44.660	-19.997	64.657	QUASPEAK
2		0.658	0.070	36.920	36.990	-19.010	56.000	QUASPEAK
3		1.117	0.070	27.140	27.210	-28.790	56.000	QUASPEAK
4		2.306	0.106	35.060	35.166	-20.834	56.000	QUASPEAK
5		6.744	0.320	12.020	12.340	-47.660	60.000	QUASPEAK
6	*	28.812	1.000	45.250	46.250	-13.750	60.000	QUASPEAK

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 : ShieldingRoom 2	Time : 2008/02/15 - 13:24
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Wireless ADSL2+ Router	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V / 60Hz	Note : Mode 2: Transmit- Adapter (D-Link)-G



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.197	0.060	37.000	37.060	-17.597	54.657	AVERAGE
2	* 0.658	0.070	35.460	35.530	-10.470	46.000	AVERAGE
3	1.117	0.070	23.540	23.610	-22.390	46.000	AVERAGE
4	2.306	0.106	27.010	27.116	-18.884	46.000	AVERAGE
5	6.744	0.320	5.670	5.990	-44.010	50.000	AVERAGE
6	28.812	1.000	34.230	35.230	-14.770	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

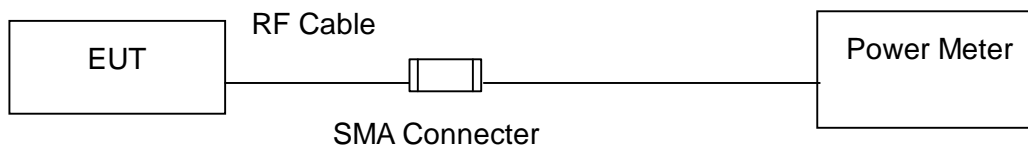
3.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Power Meter	Anritsz	ML2495/ 6K00003357	May, 2007
2	Power Sensor	Anritsz	MA2491 /034457	May, 2007
3	No.1 OATS			Sep., 2007

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

3.2. Test Setup



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 ADSL2+ Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	22.06	1Watt= 30 dBm	Pass
6	2437	22.37	1Watt= 30 dBm	Pass
11	2462	22.98	1Watt= 30 dBm	Pass

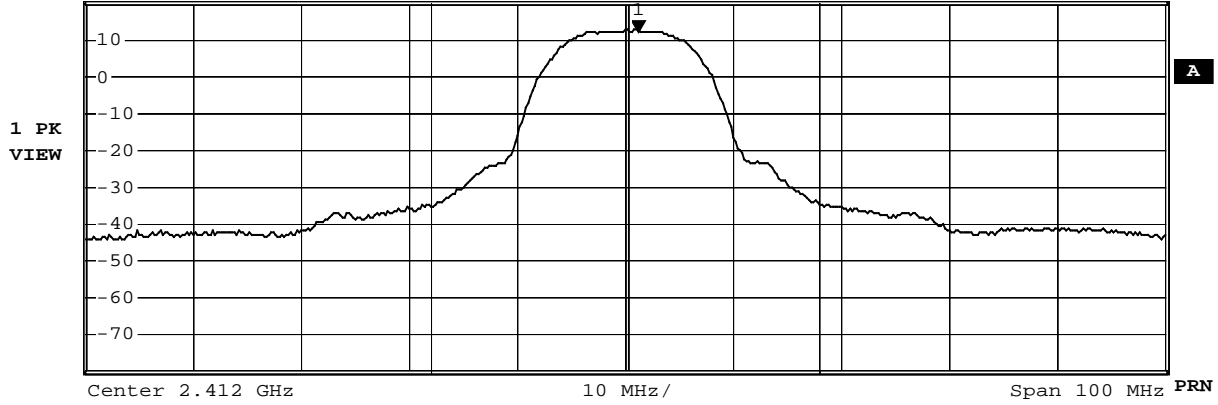
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1 Mbps	2Mbps	5.5Mbps	11Mbps	
1	2412.00	22.06	--	--	--	1Watt= 30 dBm
6	2437.00	22.37	22.35	22.32	22.31	1Watt= 30 dBm
11	2462.00	22.98	--	--	--	1Watt= 30 dBm

Note: Peak Power Output Value =Reading value on peak power meter + cable loss



Channel 1

Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 12.63 dBm
*VBW 1 MHz *SWT 200 ms 2.413000000 GHz



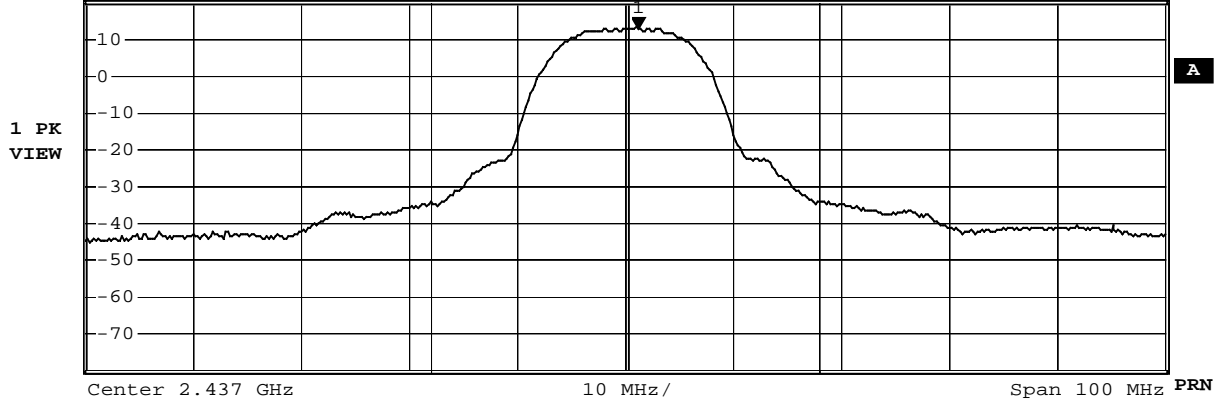
Tx Channel
Bandwidth 36 MHz Power 22.06 dBm

Date: 14.FEB.2008 01:25:43

Channel 6



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 12.98 dBm
*VBW 1 MHz *SWT 200 ms 2.438000000 GHz



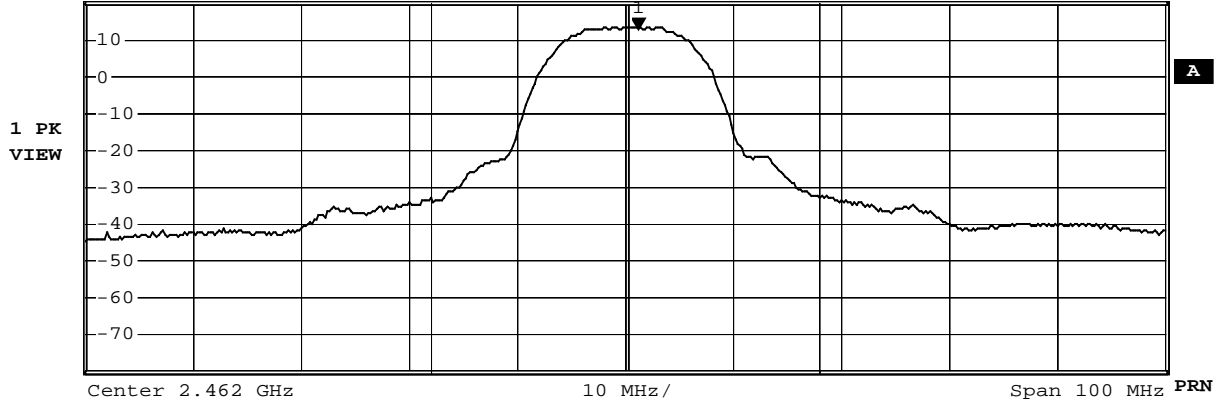
Tx Channel
Bandwidth 36 MHz Power 22.37 dBm

Date: 14.FEB.2008 01:27:58

Channel 11



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 13.56 dBm
*VBW 1 MHz *SWT 200 ms 2.463000000 GHz



Tx Channel
Bandwidth 36 MHz Power 22.98 dBm

Date: 14.FEB.2008 01:35:15

Product	Wireless ADSL2+ Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.94	1Watt= 30 dBm	Pass
6	2437	20.32	1Watt= 30 dBm	Pass
11	2462	20.84	1Watt= 30 dBm	Pass

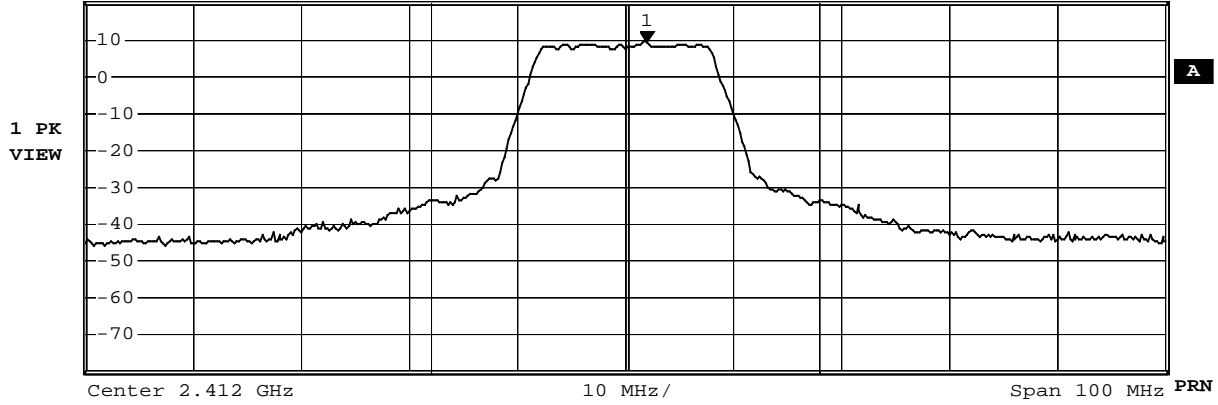
Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps	
1	2412.00	19.94	--	--	--	--	--	--	--	1Watt= 30 dBm
6	2437.00	20.32	20.29	20.28	20.25	20.26	20.23	20.22	20.19	1Watt= 30 dBm
11	2462.00	20.84	--	--	--	--	--	--	--	1Watt= 30 dBm

Note: Peak Power Output Value =Reading value on peak power meter + cable loss



Channel 1

Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 9.55 dBm
*VBW 1 MHz *SWT 200 ms 2.41380000 GHz



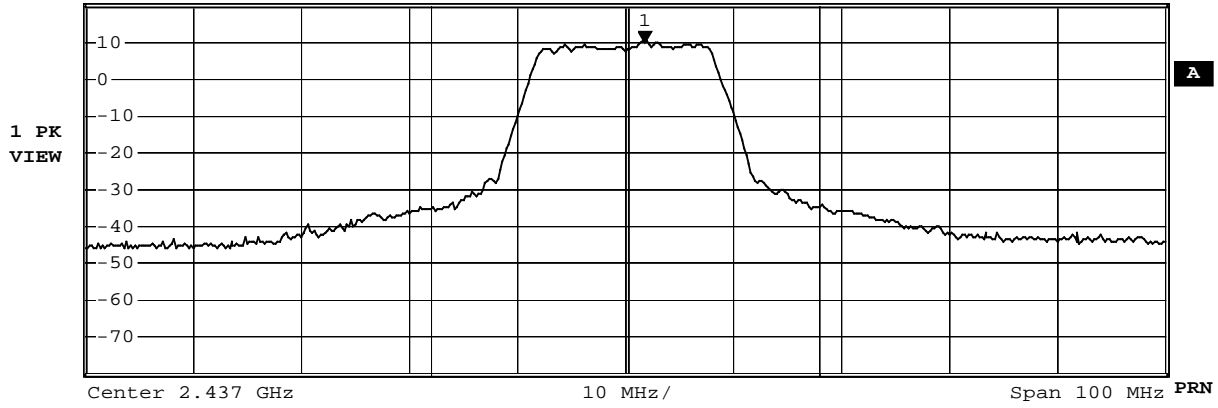
Tx Channel
Bandwidth 36 MHz Power 19.94 dBm

Date: 14.FEB.2008 01:37:38

Channel 6



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 10.49 dBm
*VBW 1 MHz *SWT 200 ms 2.438600000 GHz



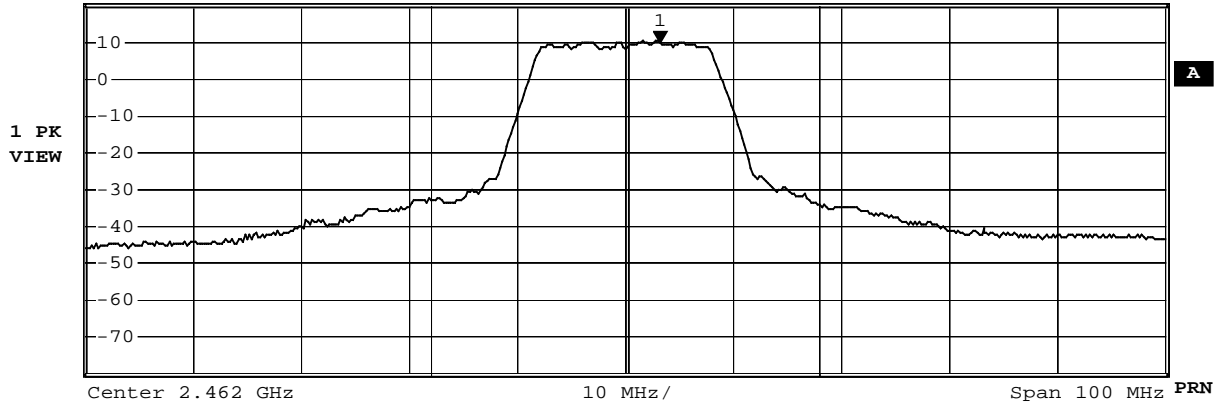
Tx Channel
Bandwidth 36 MHz Power 20.32 dBm

Date: 14.FEB.2008 01:38:57

Channel 11



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] 10.26 dBm
*VBW 1 MHz *SWT 200 ms 2.465000000 GHz



Tx Channel
Bandwidth 36 MHz Power 20.84 dBm

Date: 14.FEB.2008 01:41:54

4. Radiated Emission

4.1. Test Equipment

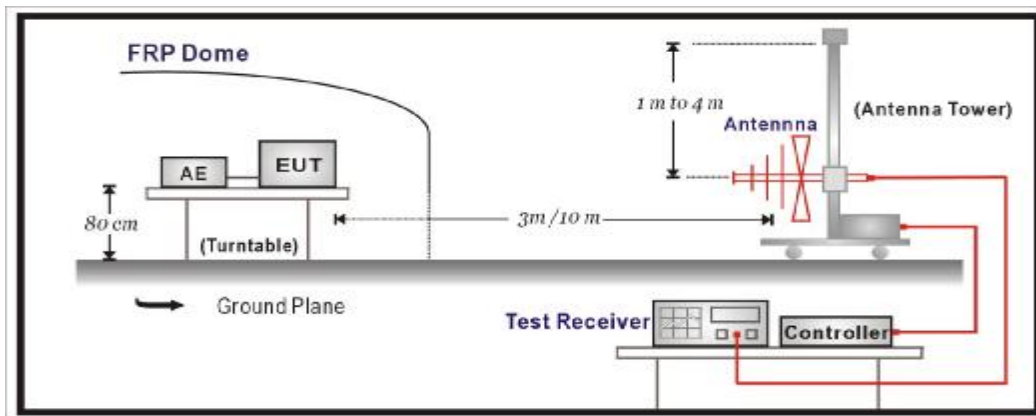
The following test equipments are used during the test:

Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 825442/017	Jan., 2008
2	X	Spectrum Analyzer	Advantest	R3261C / 81720266	N/A
3	X	Pre-Amplifier	HP	8447D / 2944A09276	N/A
4	X	Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2007
5	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2007
6	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2008
7	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Jul., 2007
8		No.1 OATS			Sep., 2007

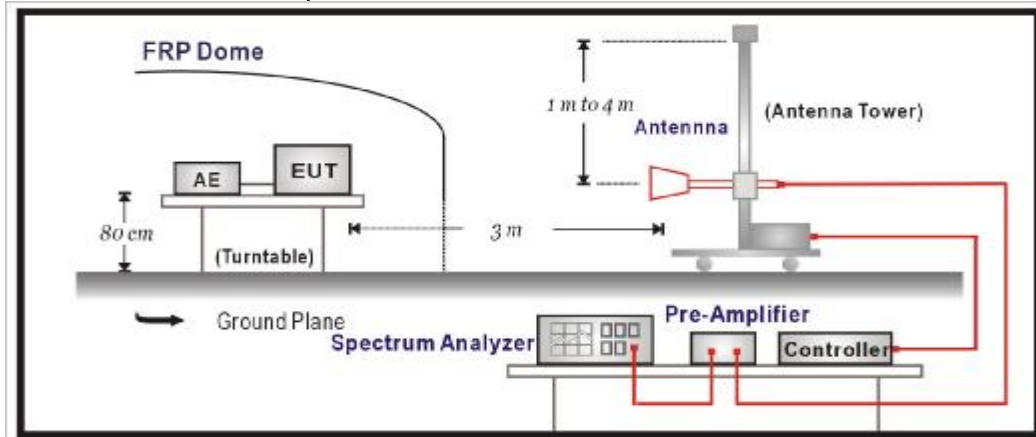
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
 2. Last Cal showing "N/A" means it is used to Pre-test, not for final test.

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 is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonics is checked.

4.5. Uncertainty

The measurement uncertainty

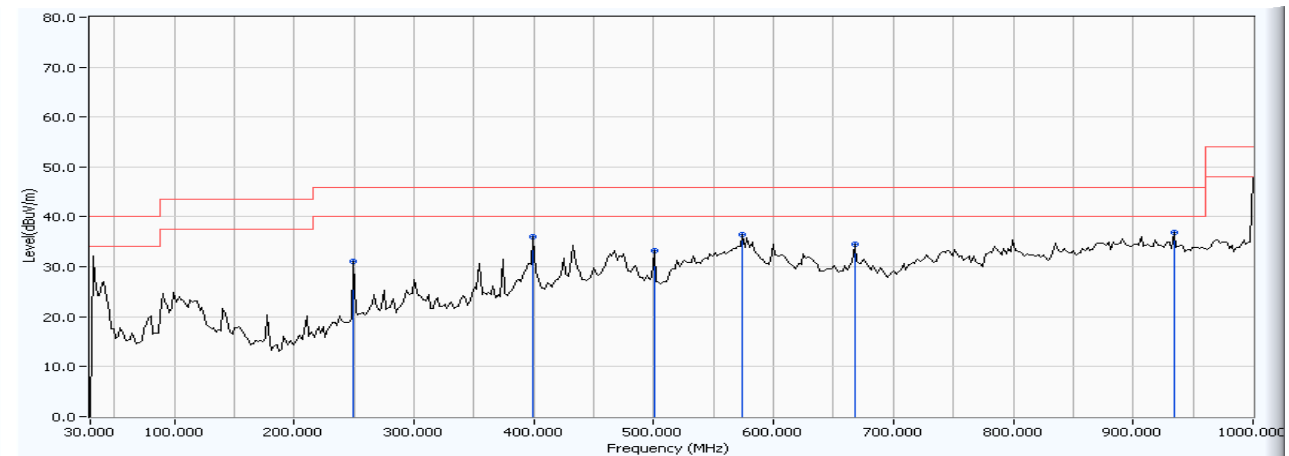
30MHz~1GHz as ±3.19dB

1GHz~26.5Ghz as ±3.9dB

4.6. Test Result

30MHz-1GHz Spurious

Site : Site 1	Time : 2008/02/19 - 09:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : Mode 1: Transmit (FAIRWAY)-B

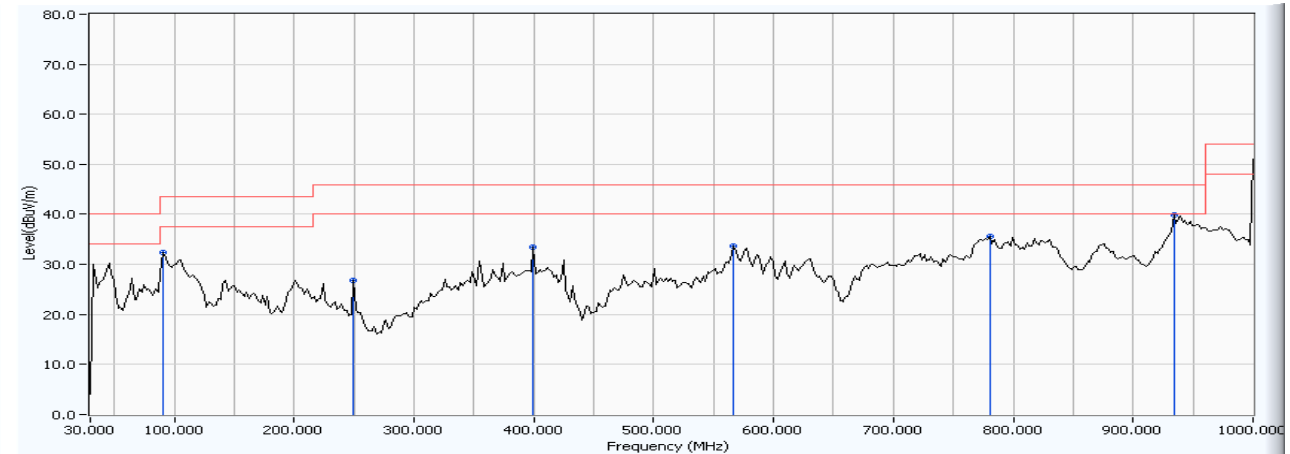


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	249.659	0.549	30.526	31.075	-14.925	46.000	PEAK
2	399.339	10.661	25.478	36.139	-9.861	46.000	PEAK
3	500.421	6.721	26.443	33.164	-12.836	46.000	PEAK
4	574.289	13.770	22.601	36.371	-9.629	46.000	PEAK
5	667.595	10.493	24.027	34.520	-11.480	46.000	PEAK
6	* 933.908	12.553	24.379	36.932	-9.068	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/19 - 09:52
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : Mode 1: Transmit (FAIRWAY)-B

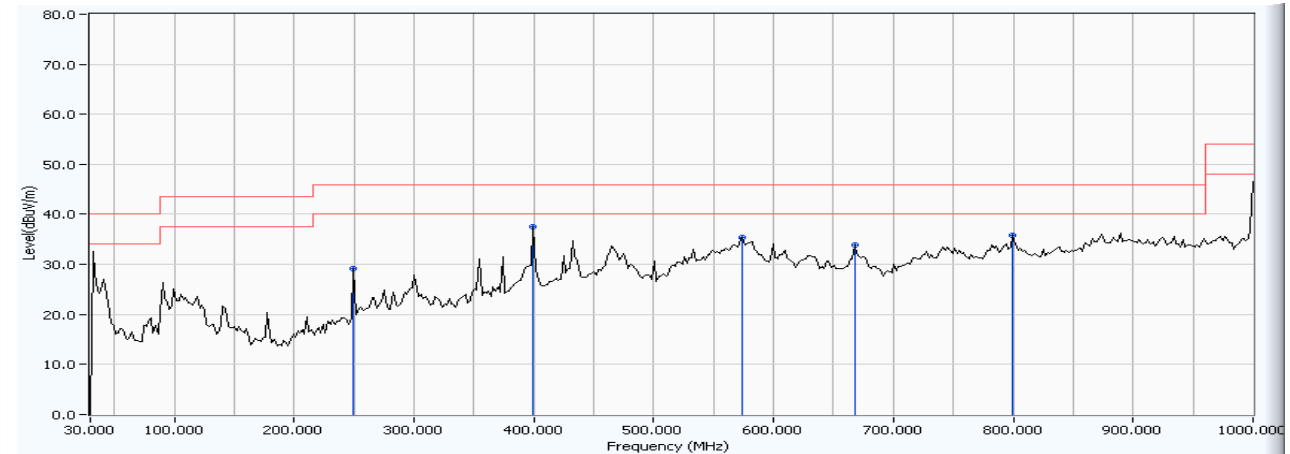


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	90.261	6.662	25.701	32.363	-11.137	43.500	PEAK
2	249.659	1.604	25.276	26.880	-19.120	46.000	PEAK
3	399.339	9.047	24.454	33.502	-12.498	46.000	PEAK
4	566.513	12.132	21.528	33.660	-12.340	46.000	PEAK
5	780.341	14.363	21.259	35.622	-10.378	46.000	PEAK
6	* 933.908	15.901	23.979	39.880	-6.120	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/19 - 09:59
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : Mode 1: Transmit (FAIRWAY)-G

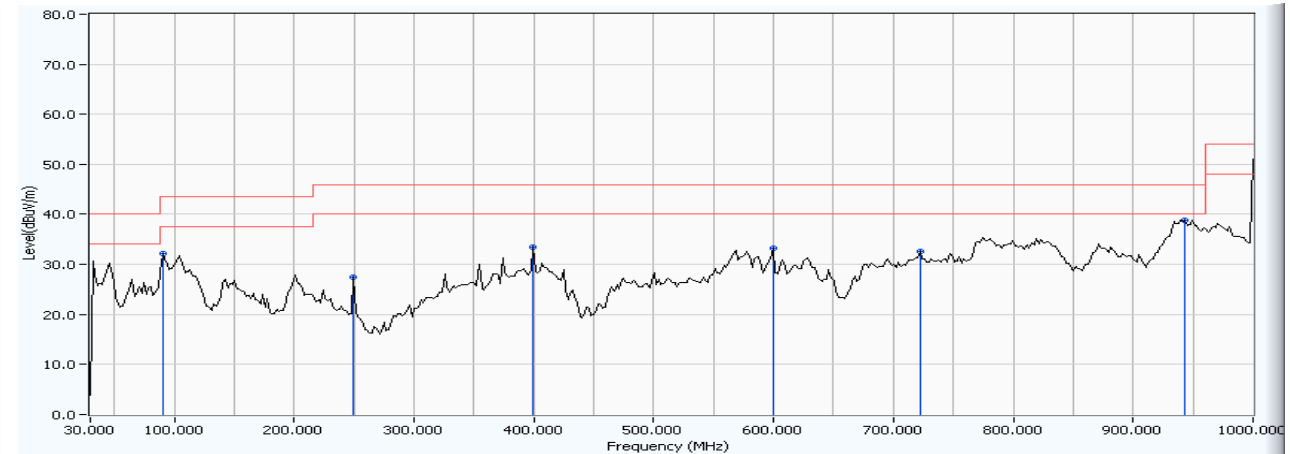


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		249.659	0.549	28.524	29.073	-16.927	46.000	PEAK
2	*	399.339	10.661	26.818	37.479	-8.521	46.000	PEAK
3		574.289	13.770	21.570	35.340	-10.660	46.000	PEAK
4		667.595	10.493	23.435	33.928	-12.072	46.000	PEAK
5		799.780	12.186	23.536	35.722	-10.278	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/19 - 10:04
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : Mode 1: Transmit (FAIRWAY)-G

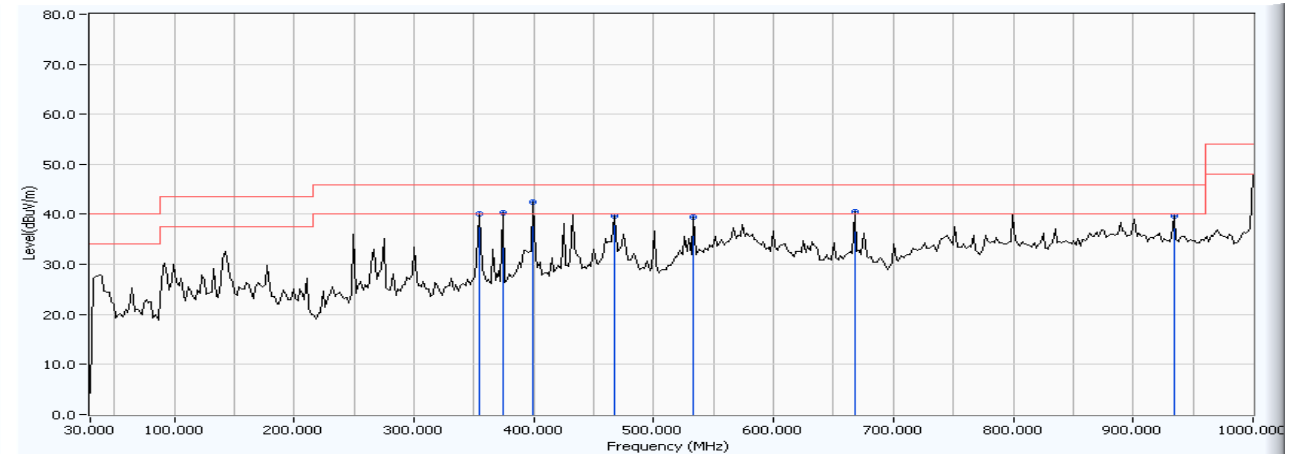


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	90.261	6.662	25.585	32.247	-11.253	43.500	PEAK
2	249.659	1.604	25.868	27.472	-18.528	46.000	PEAK
3	399.339	9.047	24.470	33.518	-12.482	46.000	PEAK
4	599.559	10.151	23.103	33.254	-12.746	46.000	PEAK
5	722.024	11.745	20.793	32.538	-13.462	46.000	PEAK
6	* 943.627	17.200	21.638	38.838	-7.162	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 11:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : Mode 2: Transmit (D-Link)-B

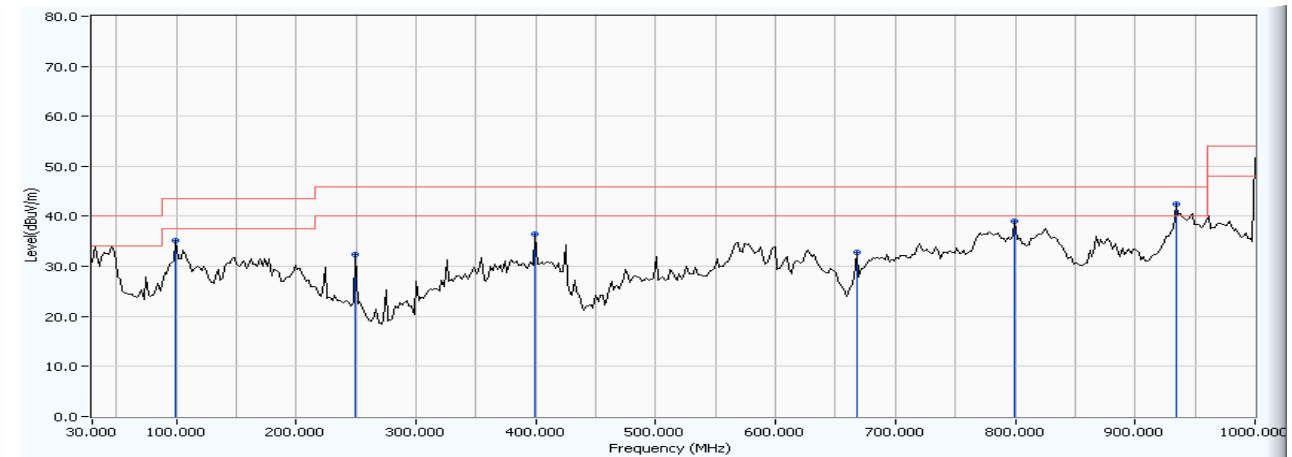


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	354.629	4.526	35.636	40.162	-5.838	46.000	PEAK
2	374.068	4.653	35.565	40.218	-5.782	46.000	PEAK
3	* 399.339	10.661	31.740	42.401	-3.599	46.000	PEAK
4	467.375	11.106	28.477	39.583	-6.417	46.000	PEAK
5	533.467	9.938	29.516	39.454	-6.546	46.000	PEAK
6	667.595	10.493	30.041	40.534	-5.466	46.000	PEAK
7	933.908	12.553	27.191	39.744	-6.256	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 11:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : Mode 2: Transmit (D-Link)-B

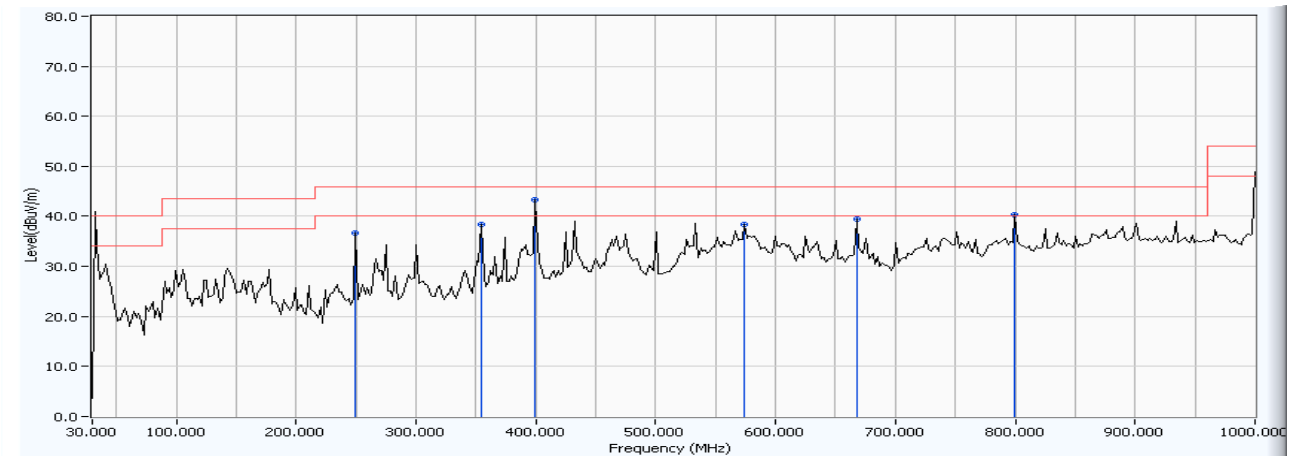


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	99.980	8.203	27.029	35.232	-8.268	43.500	PEAK
2	249.659	1.604	30.889	32.493	-13.507	46.000	PEAK
3	399.339	9.047	27.427	36.475	-9.525	46.000	PEAK
4	667.595	5.903	26.858	32.761	-13.239	46.000	PEAK
5	799.780	13.596	25.346	38.942	-7.058	46.000	PEAK
6	* 933.908	15.901	26.617	42.518	-3.482	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 11:57
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : Mode 2: Transmit (D-Link)-G

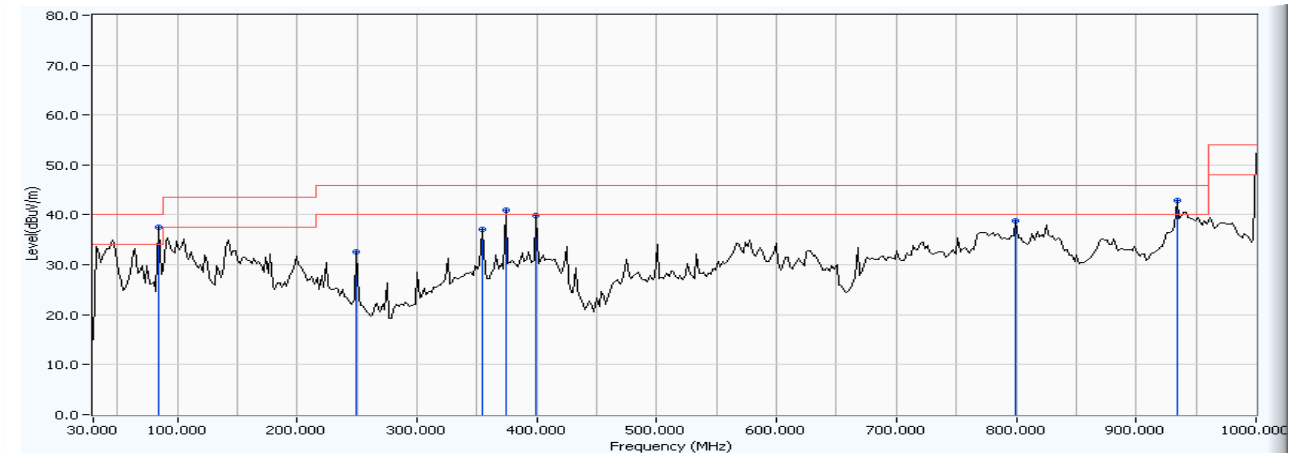


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	249.659	0.549	36.141	36.690	-9.310	46.000	PEAK
2	354.629	4.526	33.798	38.324	-7.676	46.000	PEAK
3	* 399.339	10.661	32.624	43.285	-2.715	46.000	PEAK
4	574.289	13.770	24.574	38.344	-7.656	46.000	PEAK
5	667.595	10.493	28.959	39.452	-6.548	46.000	PEAK
6	799.780	12.186	28.048	40.234	-5.766	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 11:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_30-1G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : Mode 2: Transmit (D-Link)-G



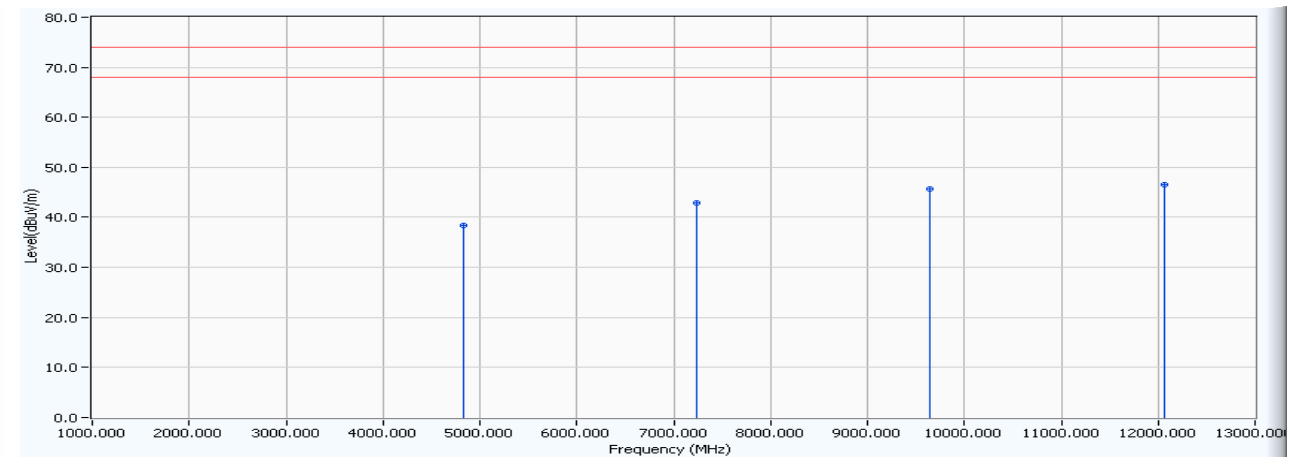
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	84.429	2.579	35.030	37.609	-2.391	40.000	PEAK
2		249.659	1.604	31.101	32.705	-13.295	46.000	PEAK
3		354.629	5.903	31.255	37.158	-8.842	46.000	PEAK
4		374.068	6.871	33.998	40.869	-5.131	46.000	PEAK
5		399.339	9.047	30.911	39.959	-6.041	46.000	PEAK
6		799.780	13.596	25.126	38.722	-7.278	46.000	PEAK
7		933.908	15.901	26.944	42.845	-3.155	46.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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.

Harmonic & Spurious:

Site : Site 1	Time : 2008/02/12 - 13:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 1

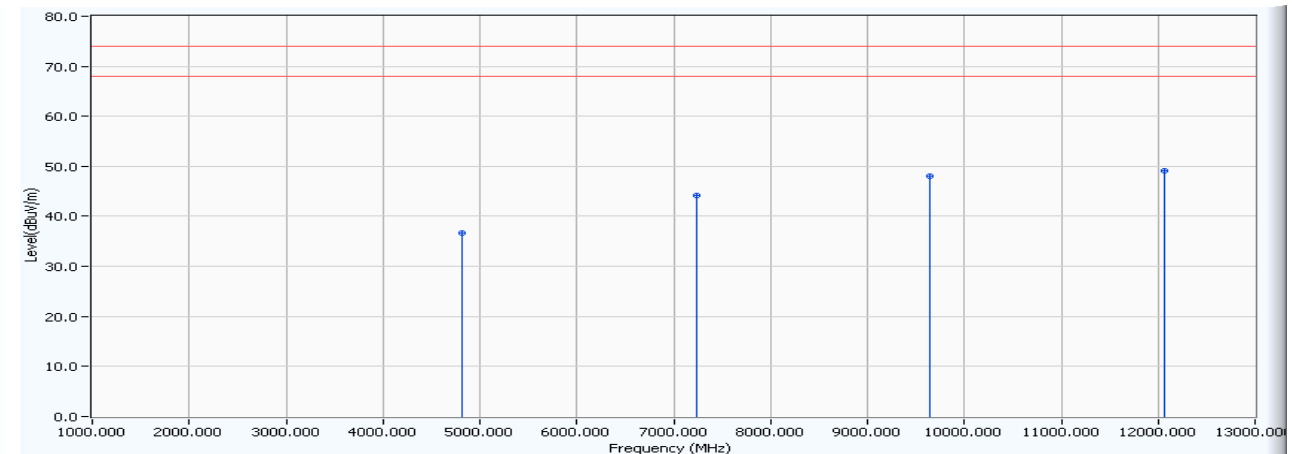


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.120	3.734	34.600	38.334	-35.666	74.000	54.000	PEAK
2	7237.120	8.728	34.120	42.848	-31.152	74.000	54.000	PEAK
3	9646.870	12.706	33.020	45.726	-28.274	74.000	54.000	PEAK
4	* 12058.620	14.940	31.590	46.530	-27.470	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:20
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 1

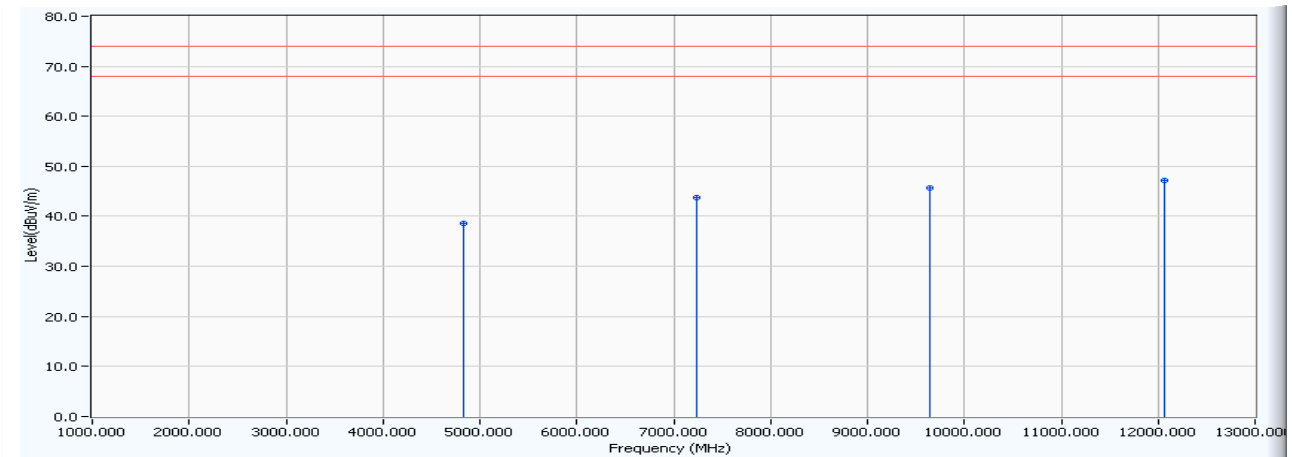


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4823.370	1.975	34.760	36.736	-37.264	74.000	54.000	PEAK
2	7234.370	8.724	35.380	44.105	-29.895	74.000	54.000	PEAK
3	9650.370	14.708	33.240	47.948	-26.052	74.000	54.000	PEAK
4	* 12058.870	17.209	31.800	49.010	-24.990	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:25
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-G-CH 1

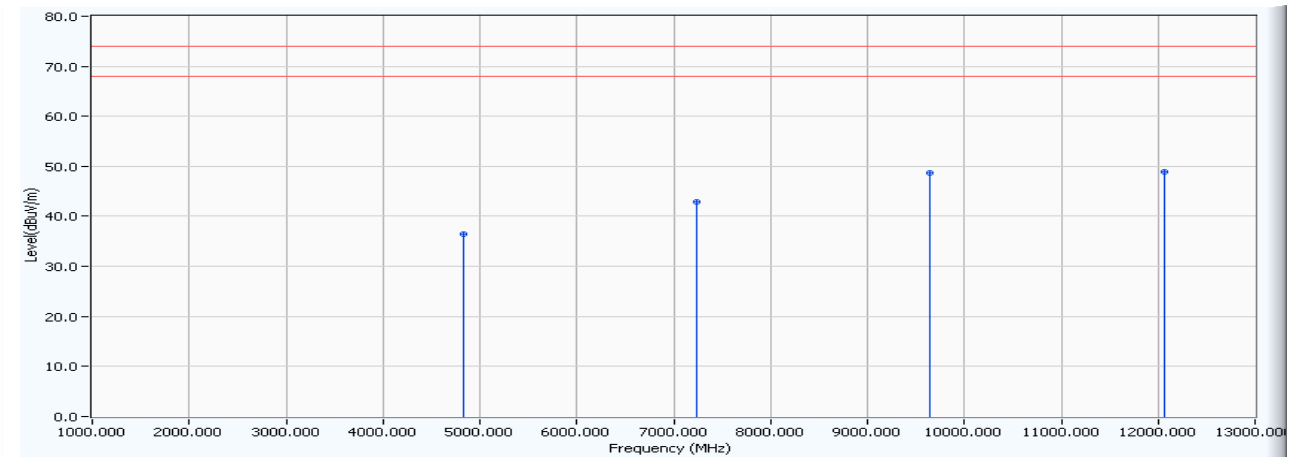


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.810	3.738	34.880	38.619	-35.381	74.000	54.000	PEAK
2	7236.450	8.728	34.930	43.657	-30.343	74.000	54.000	PEAK
3	9649.350	12.709	33.040	45.748	-28.252	74.000	54.000	PEAK
4	* 12060.750	15.120	32.060	47.181	-26.819	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:25
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-G-CH 1

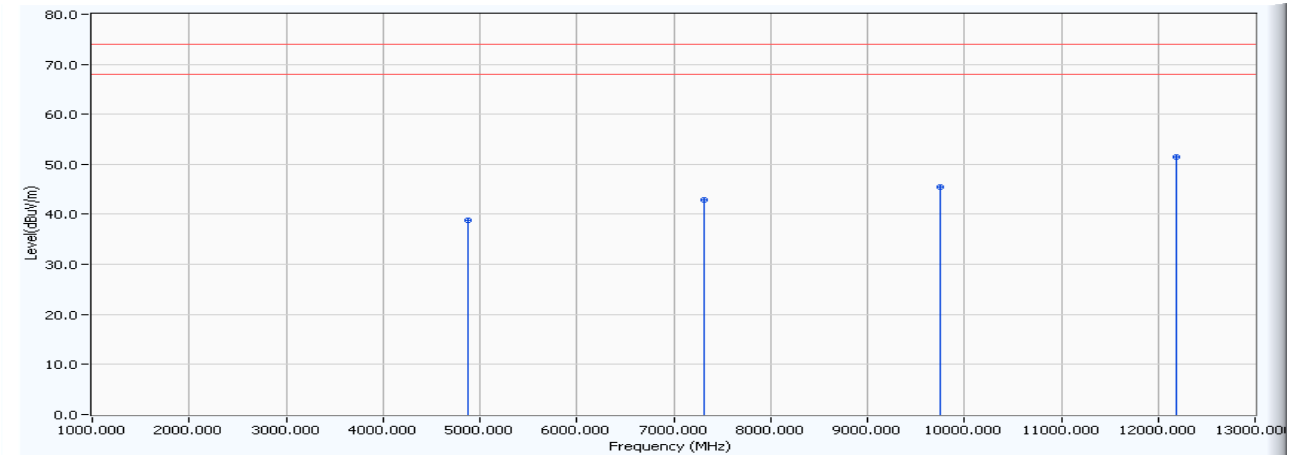


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4823.930	1.981	34.460	36.441	-37.559	74.000	54.000	PEAK
2	7235.930	8.726	34.110	42.836	-31.164	74.000	54.000	PEAK
3	9648.060	14.707	33.940	48.647	-25.353	74.000	54.000	PEAK
4	* 12060.180	17.226	31.750	48.976	-25.024	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 6

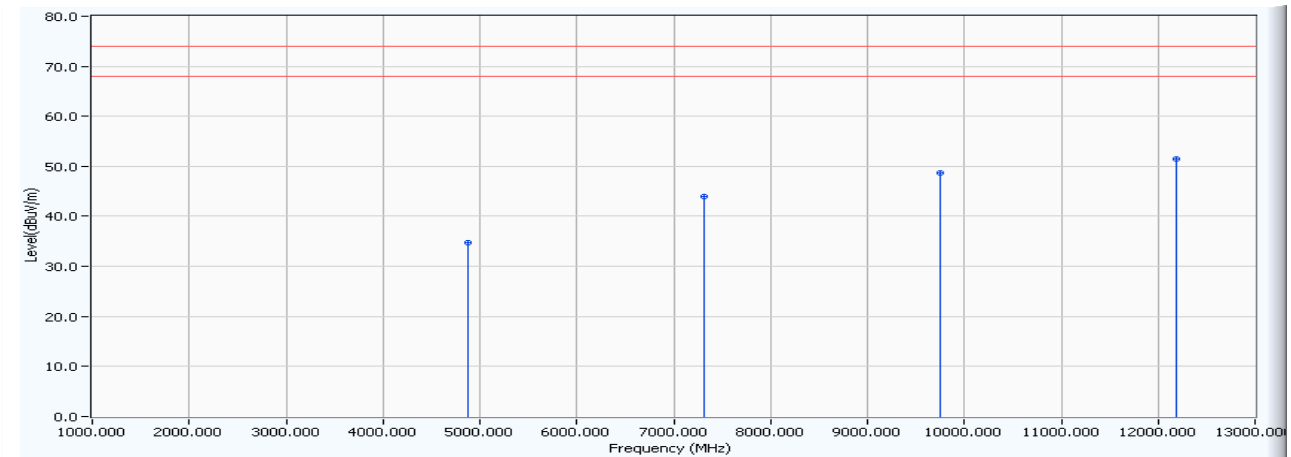


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4873.120	4.082	34.720	38.801	-35.199	74.000	54.000	PEAK
2	7311.620	8.846	34.040	42.885	-31.115	74.000	54.000	PEAK
3	9748.370	13.134	32.310	45.445	-28.555	74.000	54.000	PEAK
4	* 12182.110	18.986	32.500	51.486	-22.514	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 6

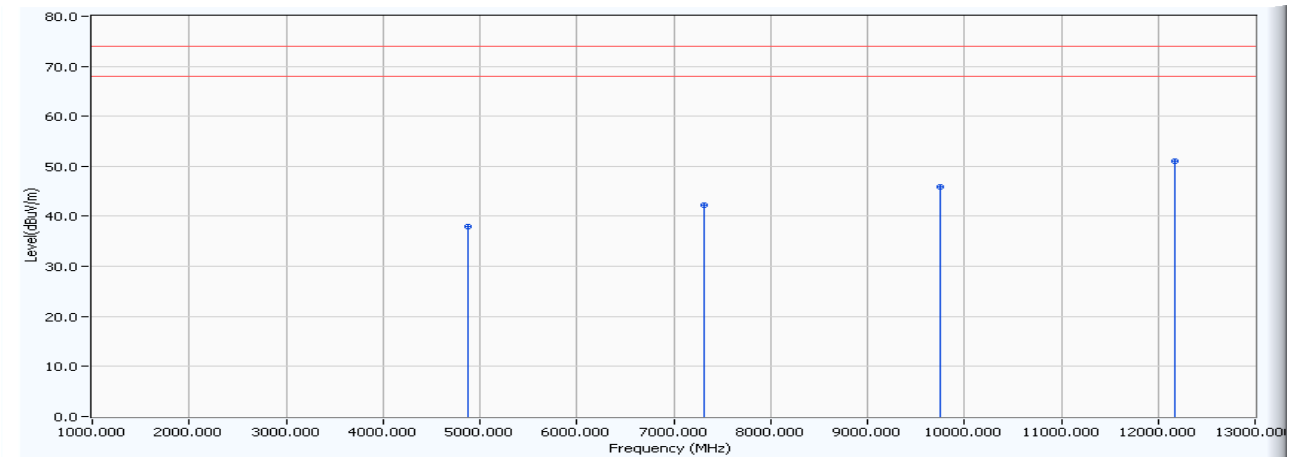


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4877.880	2.467	32.200	34.667	-39.333	74.000	54.000	PEAK
2	7313.370	8.848	35.030	43.877	-30.123	74.000	54.000	PEAK
3	9748.620	15.137	33.520	48.656	-25.344	74.000	54.000	PEAK
4	* 12183.370	19.358	32.040	51.397	-22.603	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 15:09
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-G-CH6

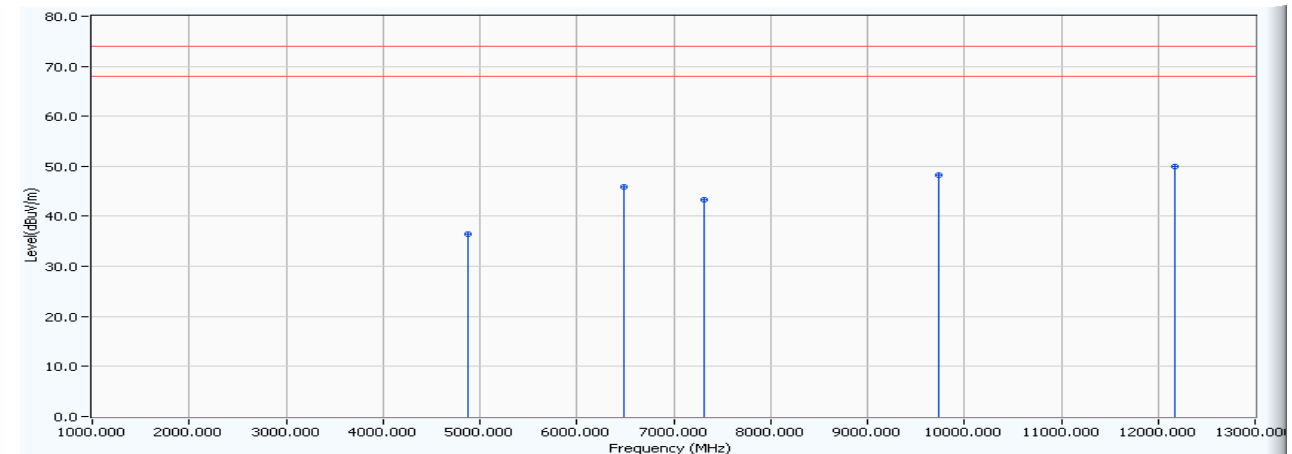


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4872.250	4.076	33.780	37.856	-36.144	74.000	54.000	PEAK
2	7312.030	8.846	33.340	42.186	-31.814	74.000	54.000	PEAK
3	9743.870	13.110	32.770	45.881	-28.119	74.000	54.000	PEAK
4	* 12179.740	18.978	32.020	50.998	-23.002	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 15:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-G-CH6

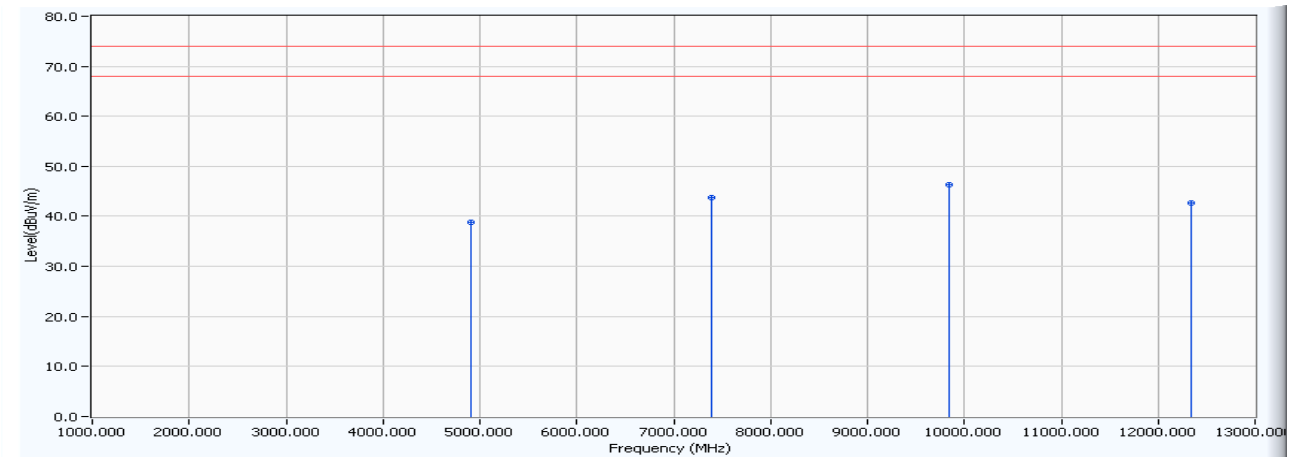


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4872.120	2.417	33.990	36.408	-37.592	74.000	54.000	PEAK
2	6490.360	6.327	39.560	45.887	-28.113	74.000	54.000	PEAK
3	7308.860	8.842	34.390	43.232	-30.768	74.000	54.000	PEAK
4	9743.040	15.107	33.110	48.217	-25.783	74.000	54.000	PEAK
5	* 12179.840	19.287	30.780	50.067	-23.933	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 11

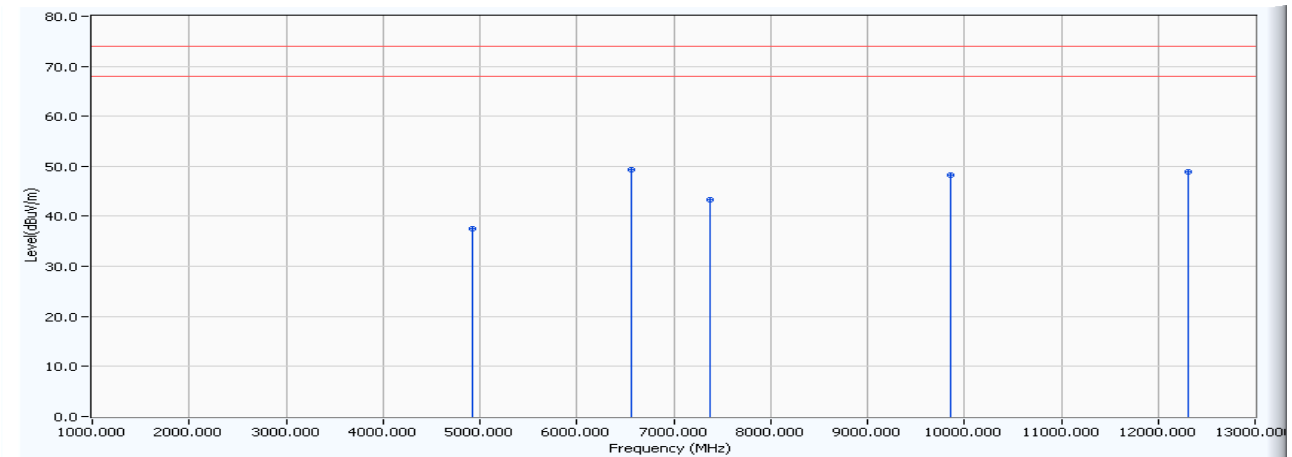


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4906.960	4.318	34.540	38.859	-35.141	74.000	54.000	PEAK
2	7391.010	8.949	34.750	43.699	-30.301	74.000	54.000	PEAK
3	* 9838.980	13.751	32.500	46.251	-27.749	74.000	54.000	PEAK
4	12337.050	10.927	31.770	42.697	-31.303	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 13:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-B-CH 11

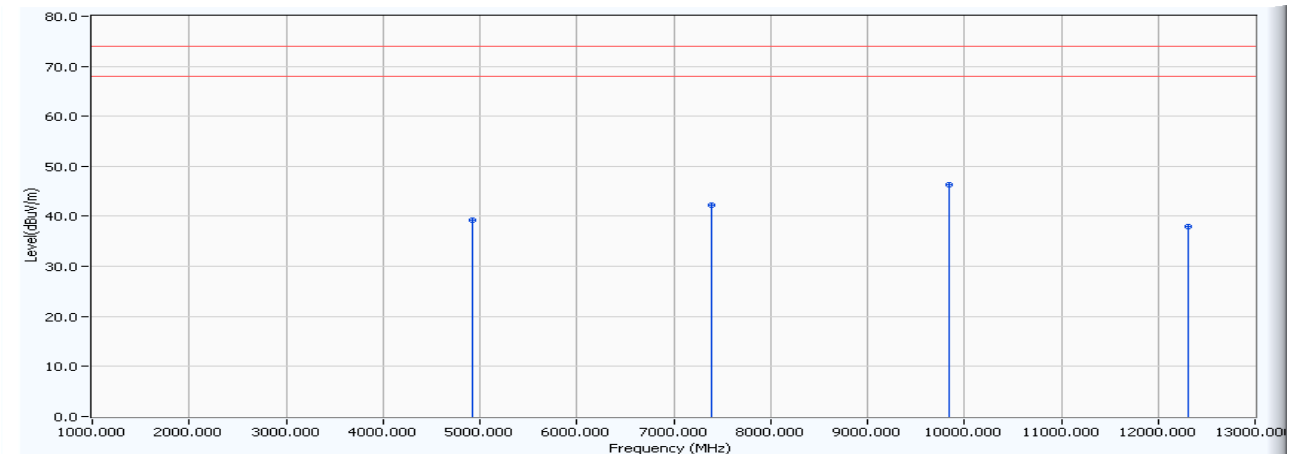


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4920.990	2.819	34.680	37.498	-36.502	74.000	54.000	PEAK
2	* 6565.210	6.690	42.730	49.419	-24.581	74.000	54.000	PEAK
3	7380.980	8.937	34.340	43.277	-30.723	74.000	54.000	PEAK
4	9861.050	15.350	32.860	48.210	-25.790	74.000	54.000	PEAK
5	12317.010	17.767	31.190	48.957	-25.043	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 16:03
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V/50Hz	Note : Transmit-G-CH 11

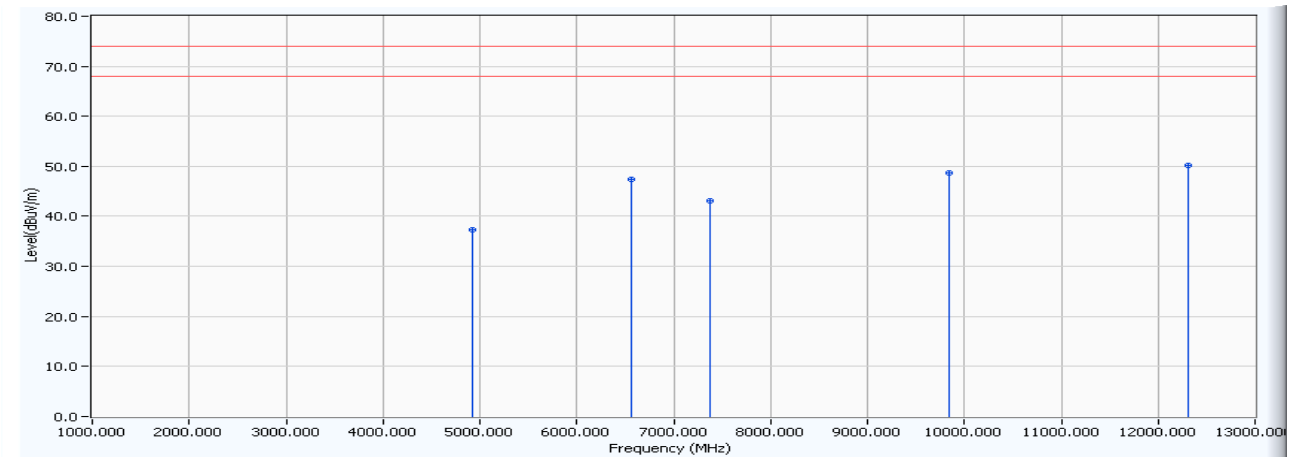


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4923.580	37.148	34.770	39.150	-34.850	74.000	54.000	PEAK
2	7384.800	42.536	33.370	42.312	-31.688	74.000	54.000	PEAK
3	* 9846.320	46.368	32.610	46.429	-27.571	74.000	54.000	PEAK
4	12311.930	38.843	31.310	38.053	-35.947	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2008/02/12 - 16:10
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Wireless ADSL2+ Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V/50Hz	Note : Transmit-G-CH 11



	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	4922.790	2.827	34.460	37.288	-36.712	74.000	54.000	PEAK
2	6558.270	6.657	40.720	47.377	-26.623	74.000	54.000	PEAK
3	7383.100	8.940	34.130	43.070	-30.930	74.000	54.000	PEAK
4	9845.030	15.357	33.340	48.697	-25.303	74.000	54.000	PEAK
5	* 12309.000	17.923	32.280	50.202	-23.798	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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:

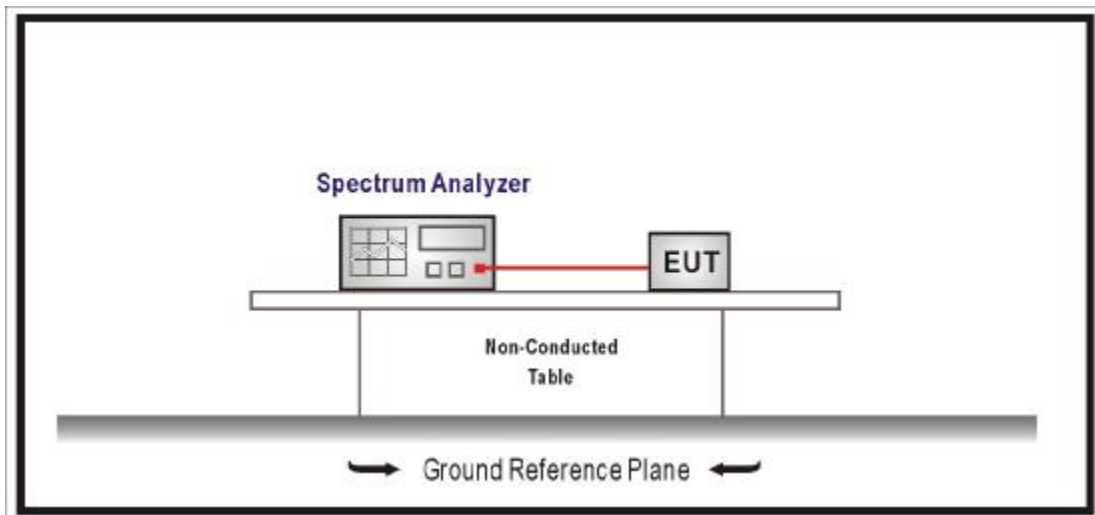
RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2007
2	No.1 OATS			Sep., 2007

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

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

5.5. Uncertainty

The measurement uncertainty

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

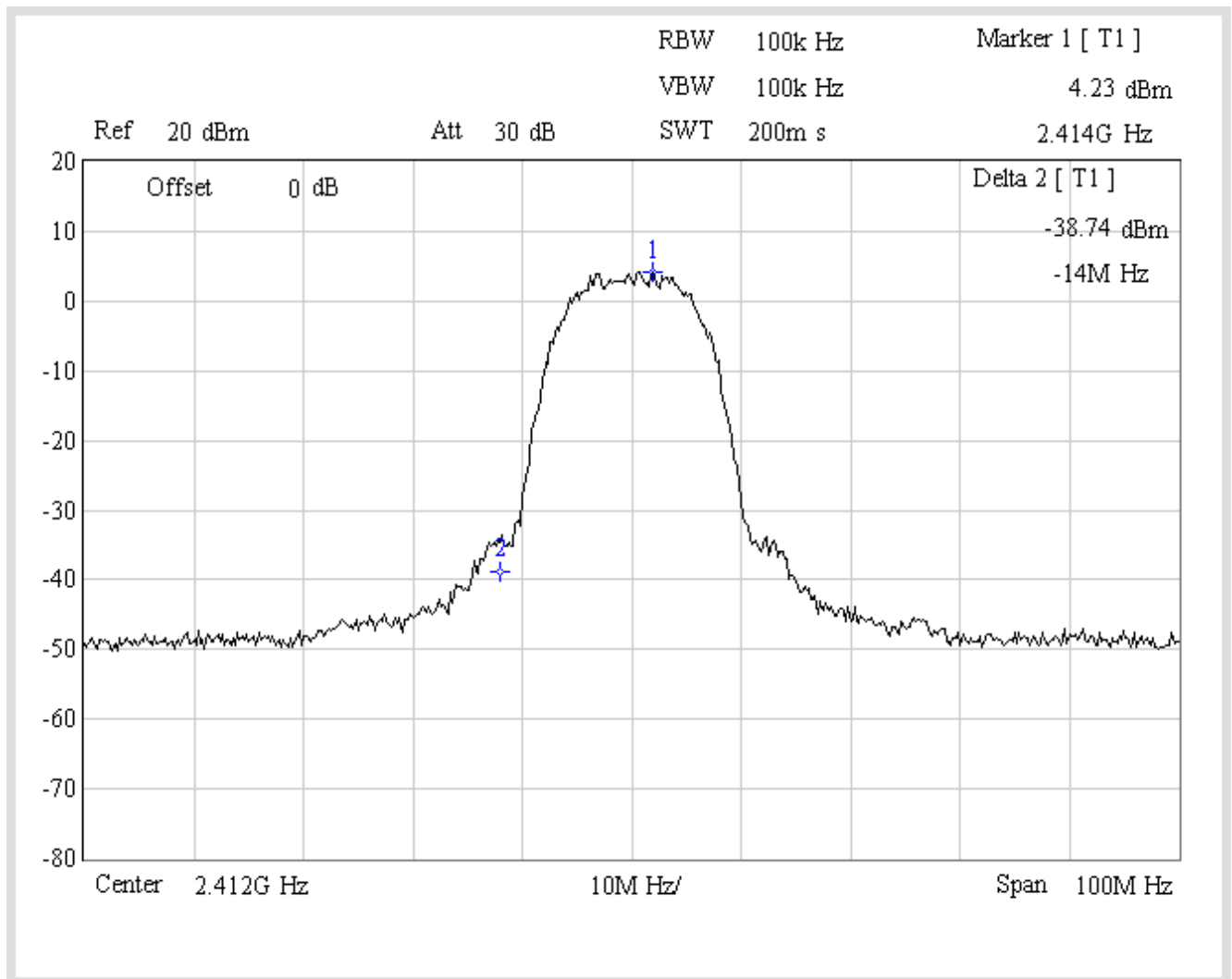
Radiated is defined as $\pm 3.9\text{dB}$

5.6. Test Result

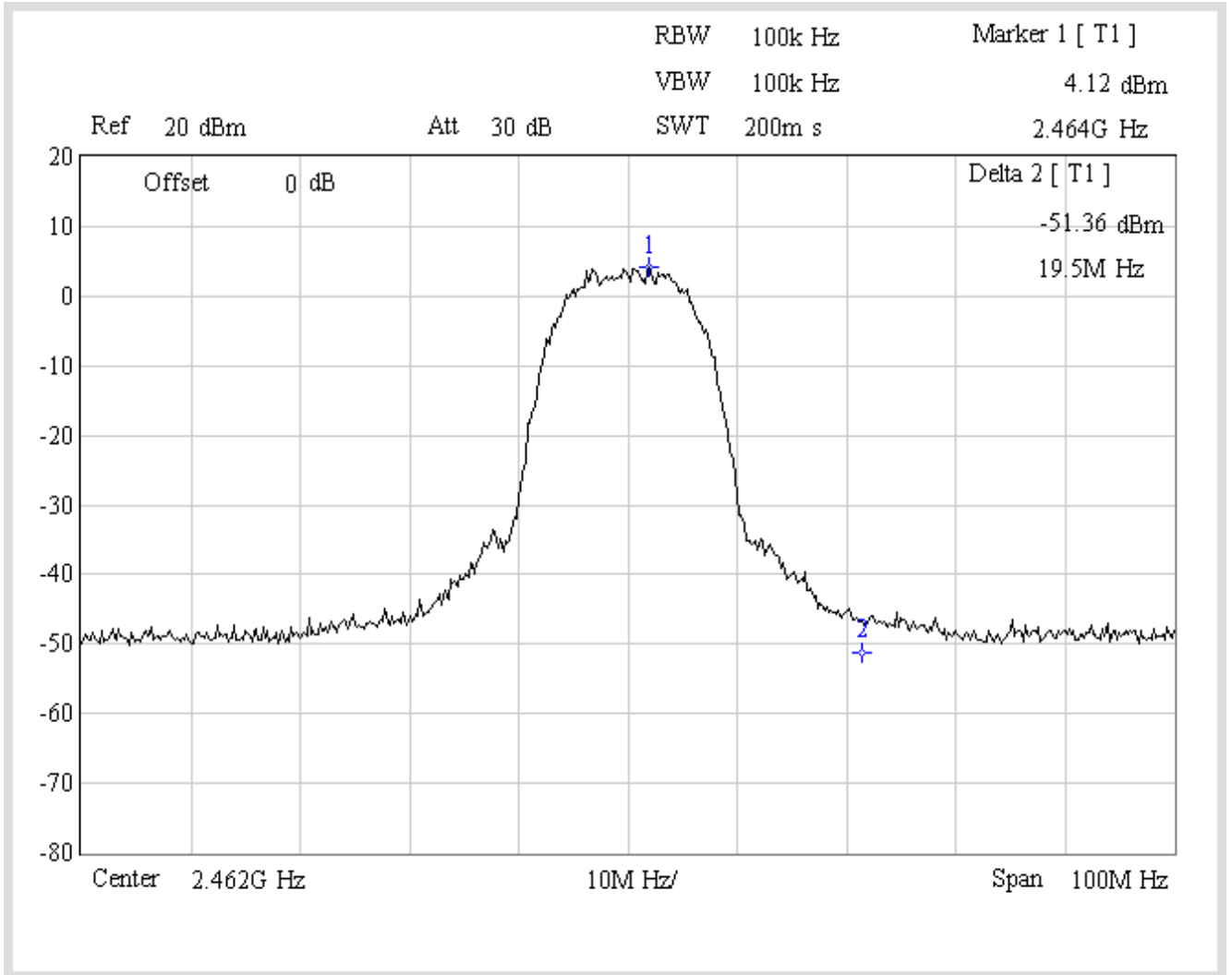
Product	Wireless ADSL2+ Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	

802.11b

Channel 01 (2412MHz)



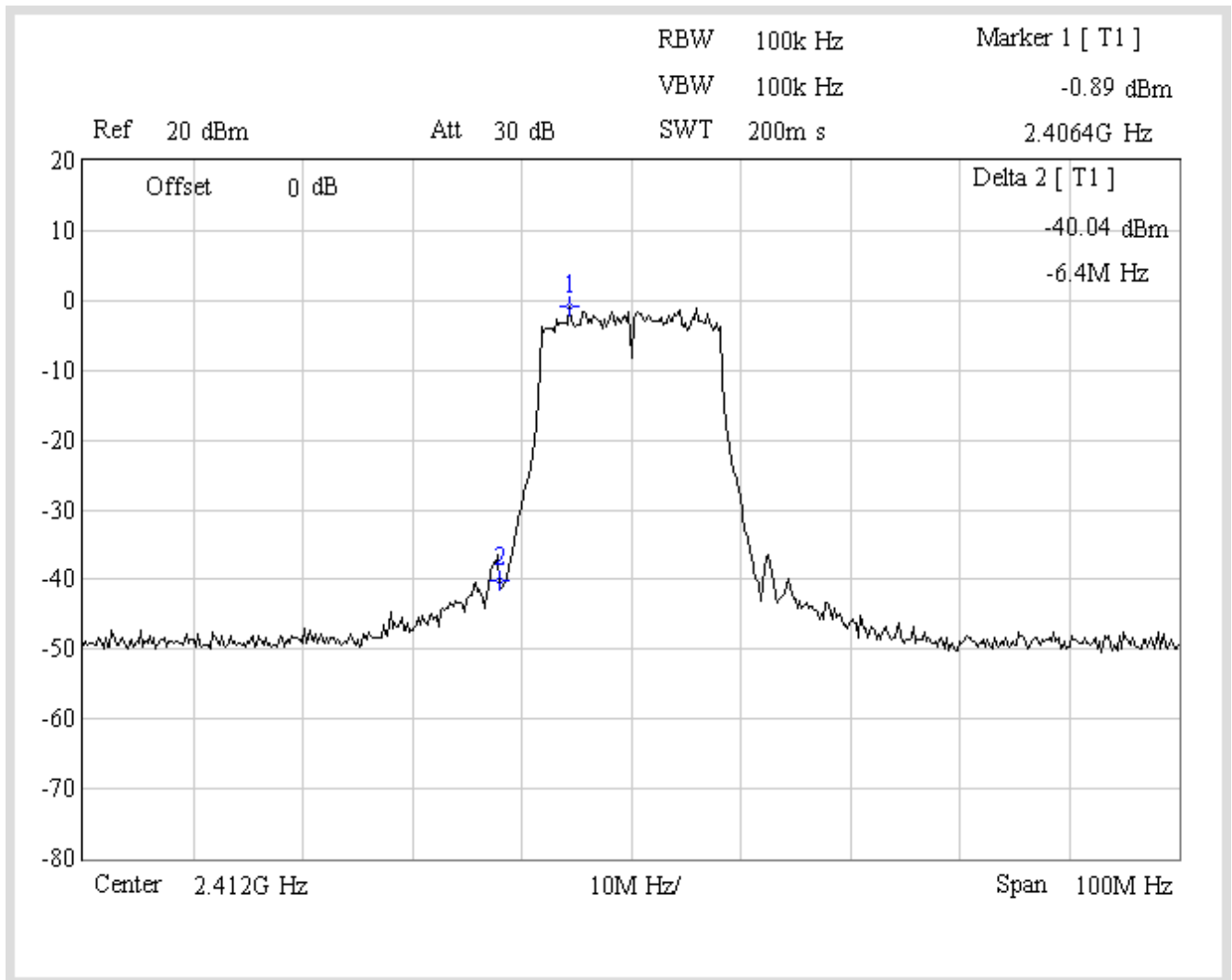
Channel 11 (2462MHz)



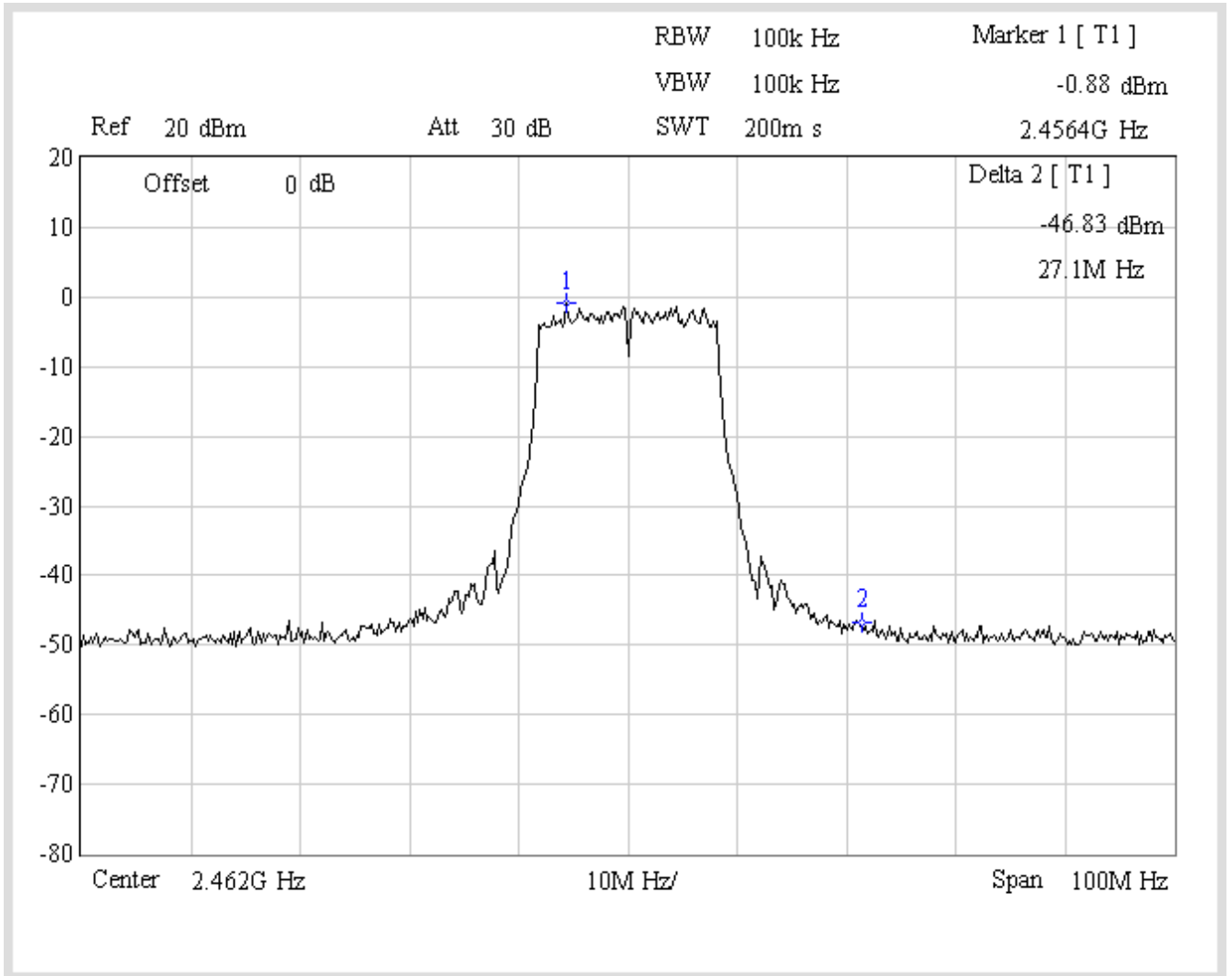
Product	Wireless ADSL2+ Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	

802.11g

Channel 01 (2412MHz)



Channel 11 (2462MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

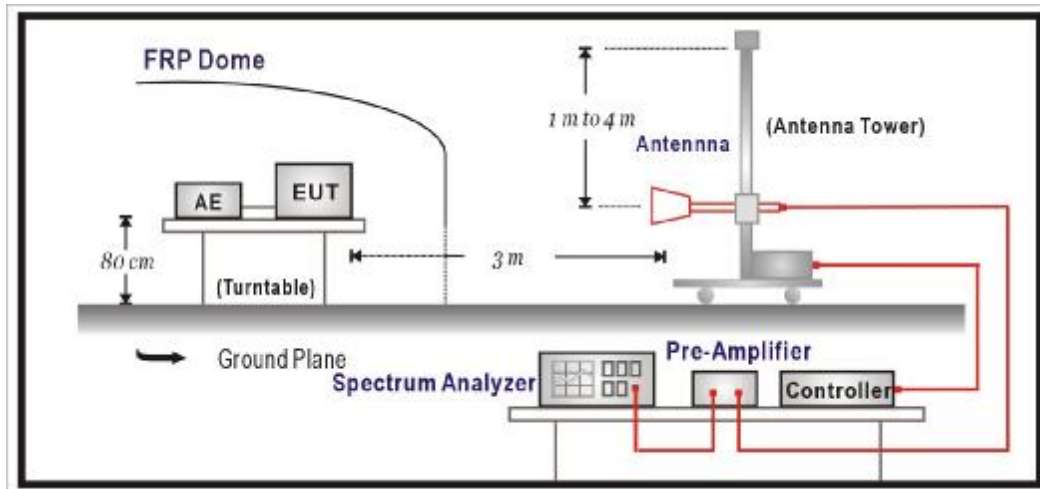
The following test equipments are used during the test:

RF Radiated Measurement:					
Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2007
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2008
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2007
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2007
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2007
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2007
7		No.1 OATS			Sep., 2007

- 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 DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

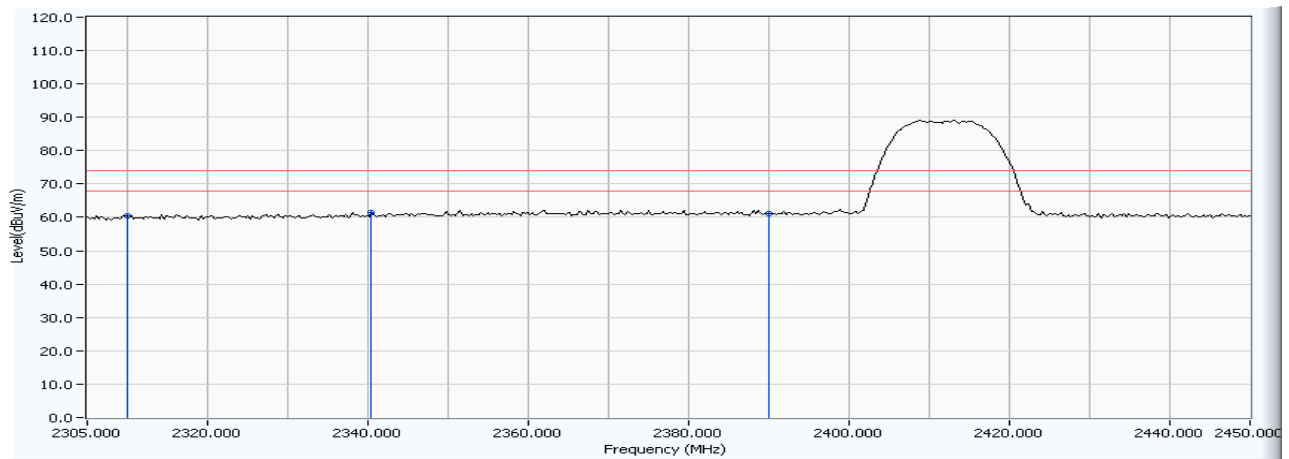
6.5. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.6. Test Result

Radiated is defined as

Site : Site 1	Time : 2008/02/14 - 14:49
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : B-CH1

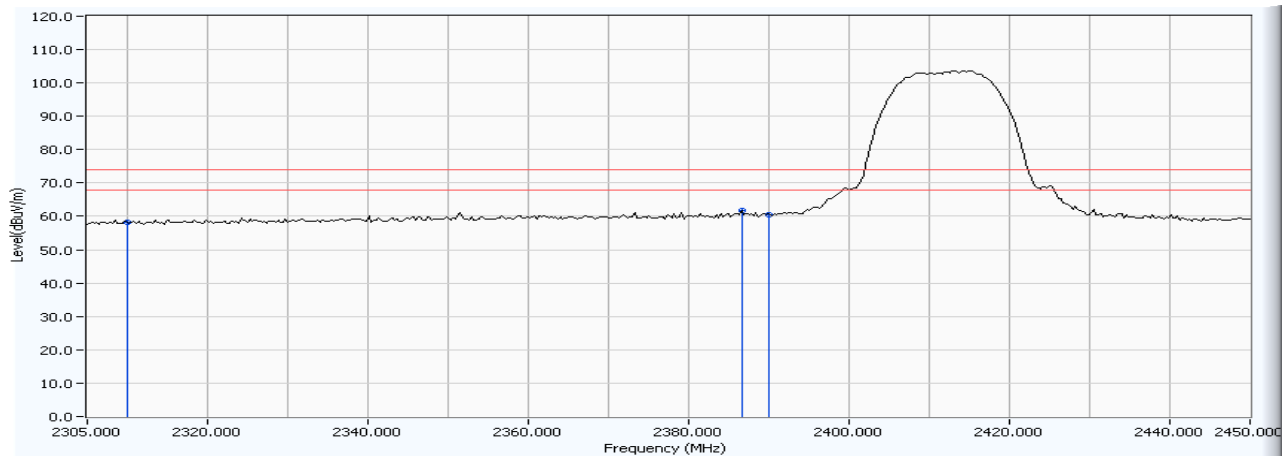


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	30.412	29.949	60.360	-13.640	74.000	54.000	PEAK
2	* 2340.451	30.456	31.013	61.469	-12.531	74.000	54.000	PEAK
3	2390.000	30.543	30.535	61.078	-12.922	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 : 2008/02/14 - 14:24
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : B-CH1

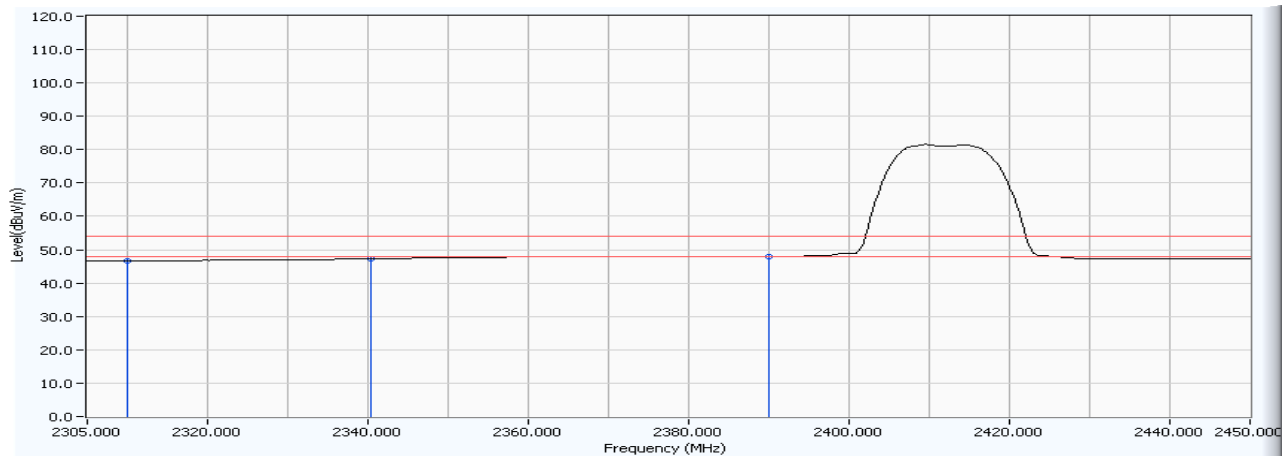


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	28.433	29.757	58.190	-15.810	74.000	54.000	PEAK
2	* 2386.653	28.710	32.977	61.687	-12.313	74.000	54.000	PEAK
3	2390.000	28.724	31.855	60.579	-13.421	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 : 2008/02/14 - 14:54
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : B-CH1

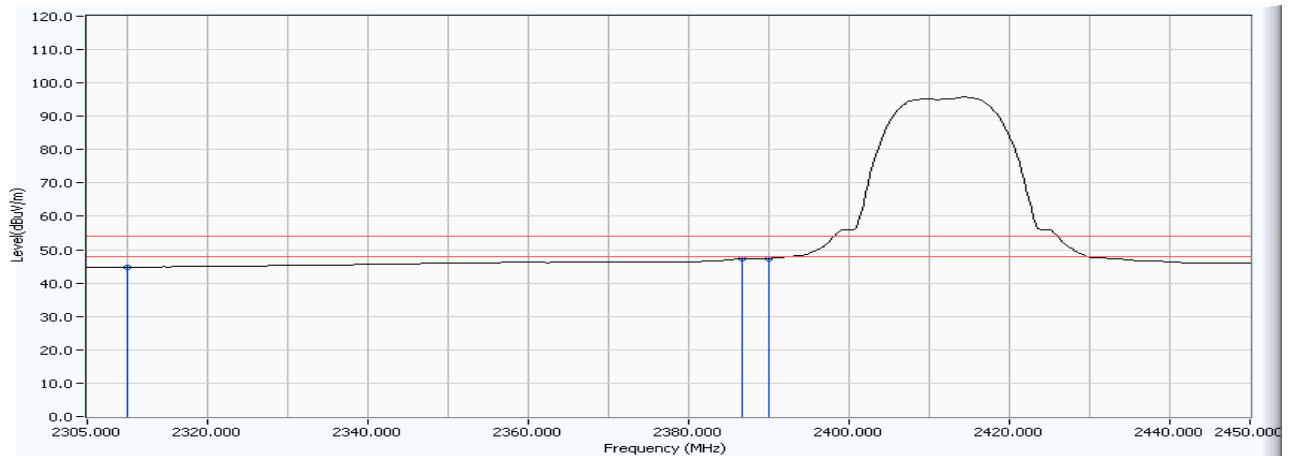


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	30.412	16.241	46.652	-7.348	74.000	54.000	AVERAGE
2	* 2340.451	30.456	16.929	47.385	-6.615	74.000	54.000	AVERAGE
3	2390.000	30.543	17.477	48.020	-5.980	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 : 2008/02/14 - 14:28
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : B-CH1

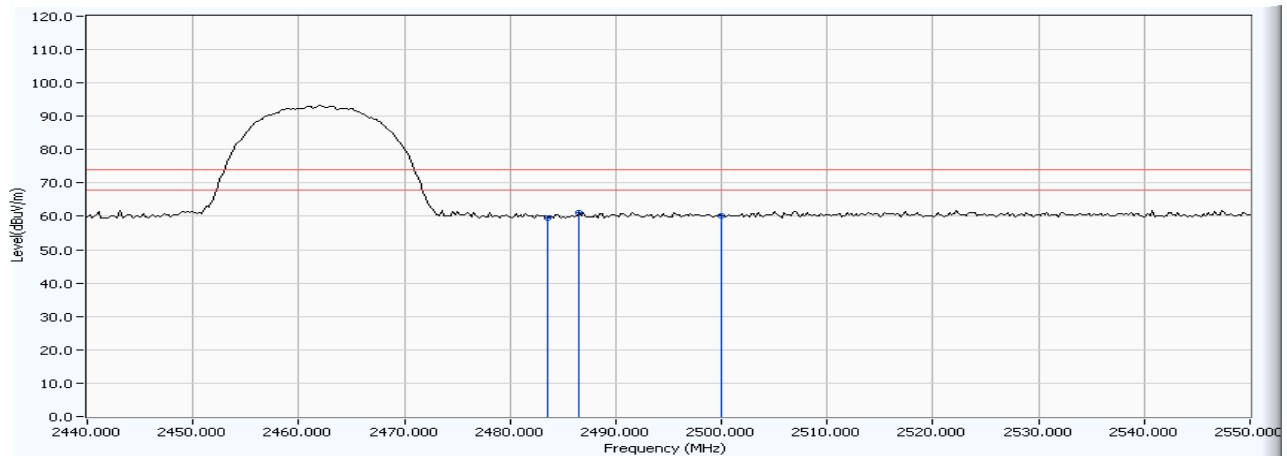


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	28.433	16.336	44.769	-9.231	74.000	54.000	AVERAGE
2	* 2386.653	28.710	18.517	47.227	-6.773	74.000	54.000	AVERAGE
3	2390.000	28.724	18.653	47.377	-6.623	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 : 2008/02/14 - 17:19
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : B-CH11

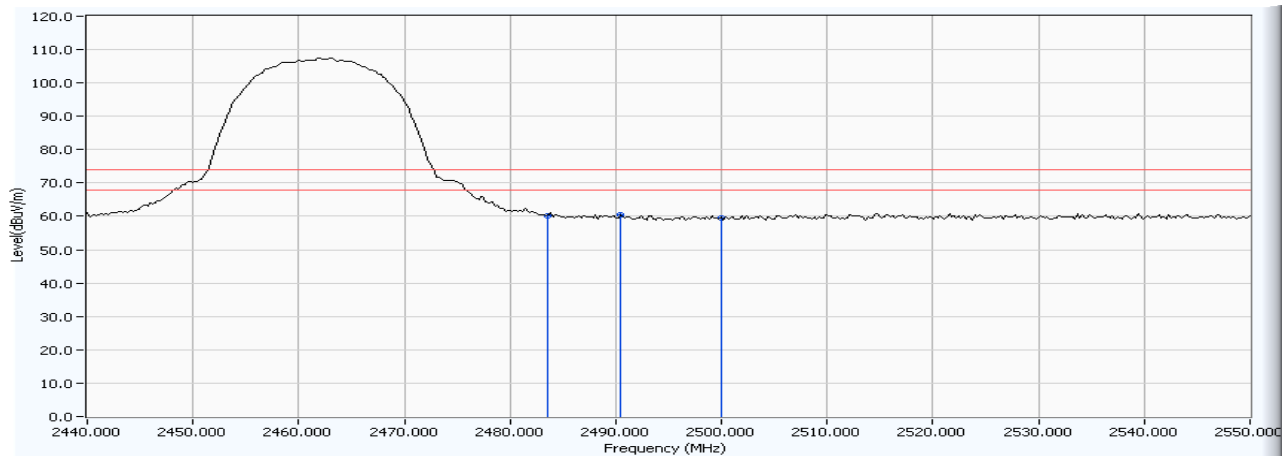


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	30.696	28.966	59.661	-14.339	74.000	54.000	PEAK
2	* 2486.513	30.698	30.500	61.199	-12.801	74.000	54.000	PEAK
3	2500.000	30.722	29.433	60.155	-13.845	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 : 2008/02/14 - 16:29
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : B-CH11

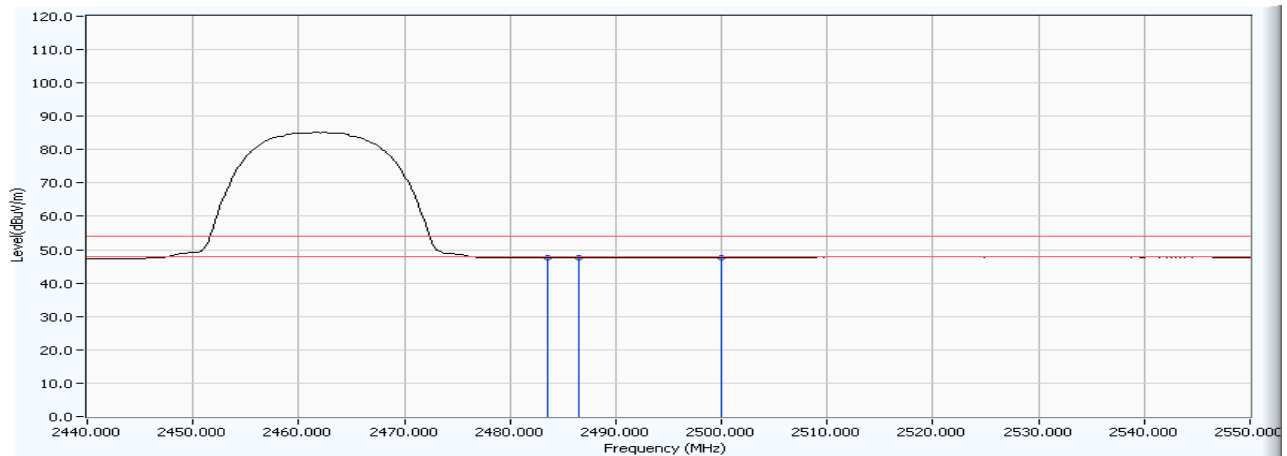


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	29.064	31.118	60.181	-13.819	74.000	54.000	PEAK
2	* 2490.481	29.084	31.468	60.552	-13.448	74.000	54.000	PEAK
3	2500.000	29.114	30.552	59.666	-14.334	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 : 2008/02/14 - 17:20
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : B-CH11

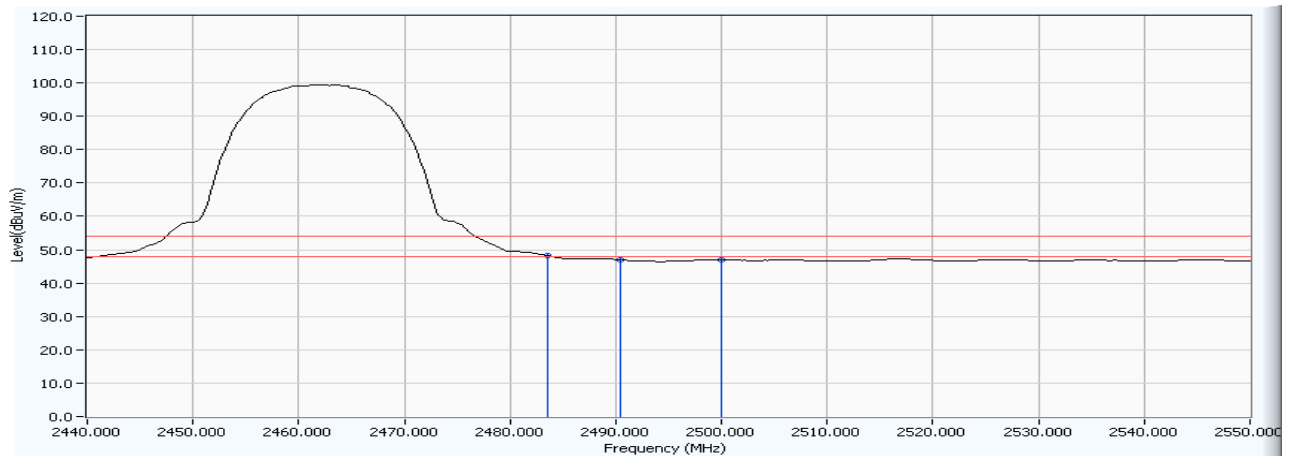


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	30.696	16.809	47.504	-6.496	74.000	54.000	AVERAGE
2	* 2486.513	30.698	16.805	47.504	-6.496	74.000	54.000	AVERAGE
3	2500.000	30.722	16.980	47.702	-6.298	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 : 2008/02/14 - 16:33
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : B-CH11

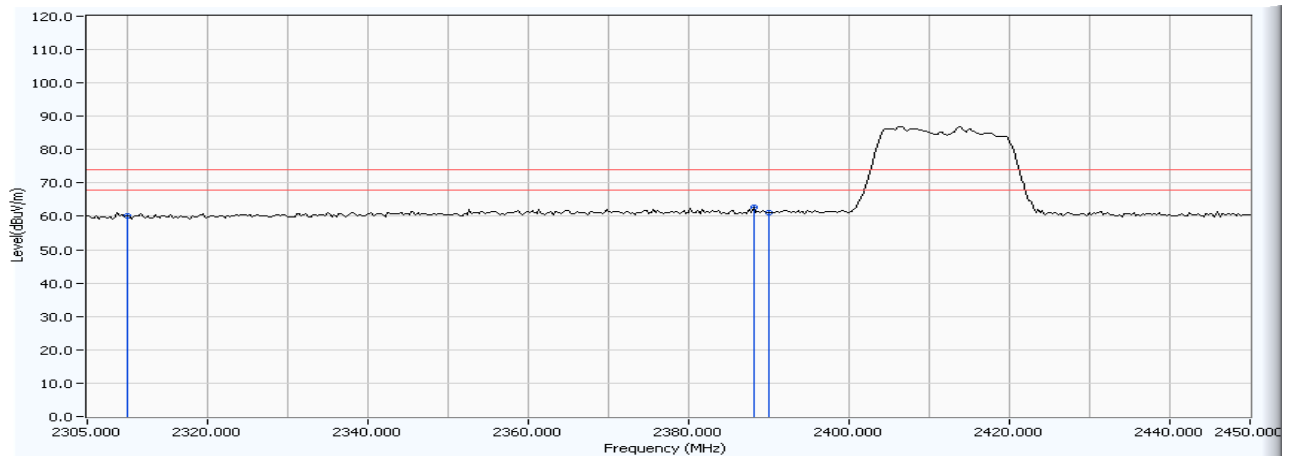


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	29.064	19.137	48.200	-5.800	74.000	54.000	AVERAGE
2	* 2490.481	29.084	17.877	46.961	-7.039	74.000	54.000	AVERAGE
3	2500.000	29.114	17.788	46.902	-7.098	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 : 2008/02/14 - 15:01
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : G-CH1

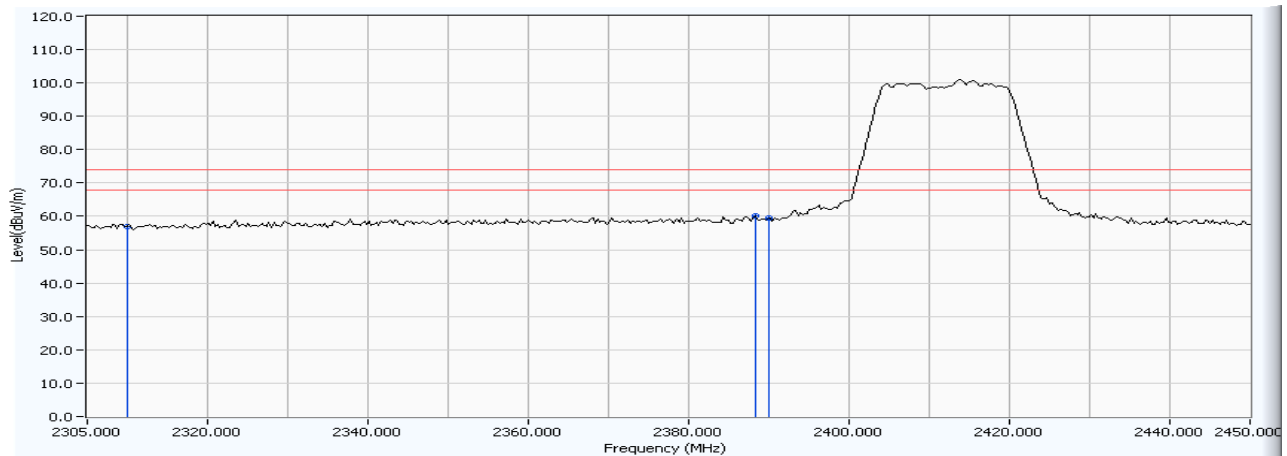


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	30.412	29.827	60.238	-13.762	74.000	54.000	PEAK
2	* 2388.106	30.540	32.267	62.807	-11.193	74.000	54.000	PEAK
3	2390.000	30.543	30.520	61.063	-12.937	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 : 2008/02/14 - 14:33
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : G-CH1

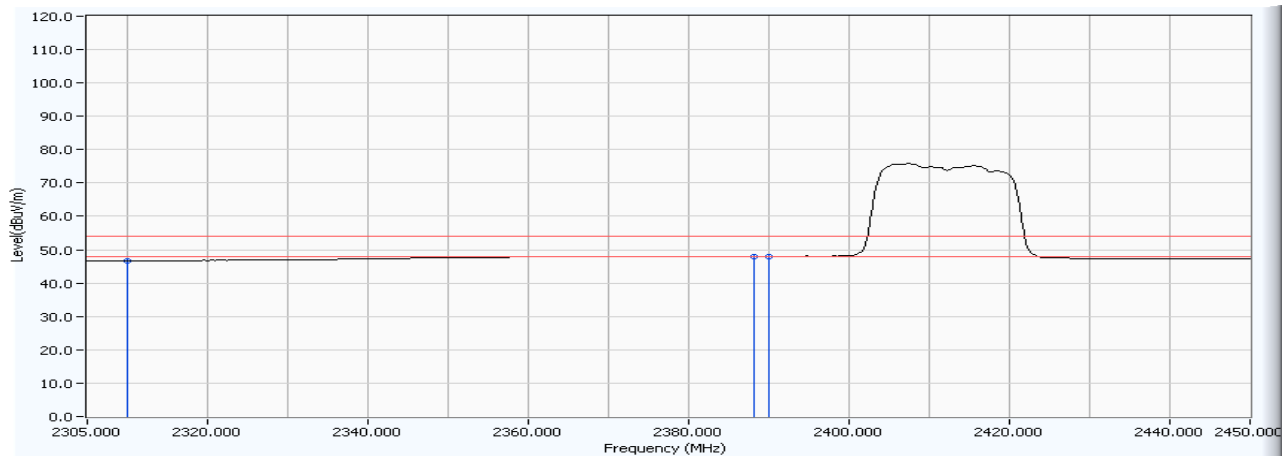


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	28.433	28.600	57.033	-16.967	74.000	54.000	PEAK
2	* 2388.397	28.717	31.326	60.043	-13.957	74.000	54.000	PEAK
3	2390.000	28.724	30.721	59.445	-14.555	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 : 2008/02/14 - 15:03
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : G-CH1

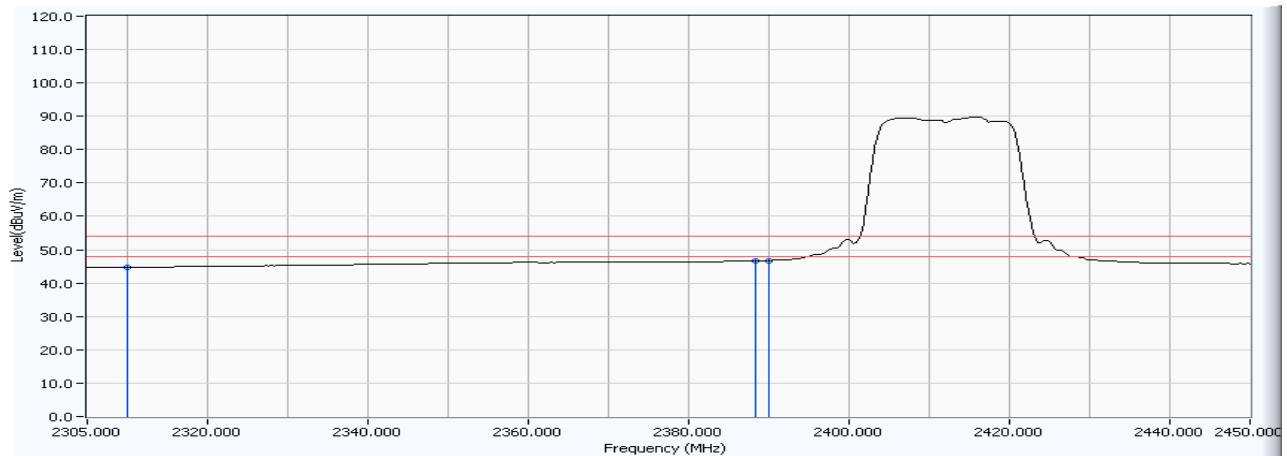


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	30.412	16.222	46.633	-7.367	74.000	54.000	AVERAGE
2	* 2388.106	30.540	17.486	48.026	-5.974	74.000	54.000	AVERAGE
3	2390.000	30.543	17.489	48.032	-5.968	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 : 2008/02/14 - 14:37
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : G-CH1

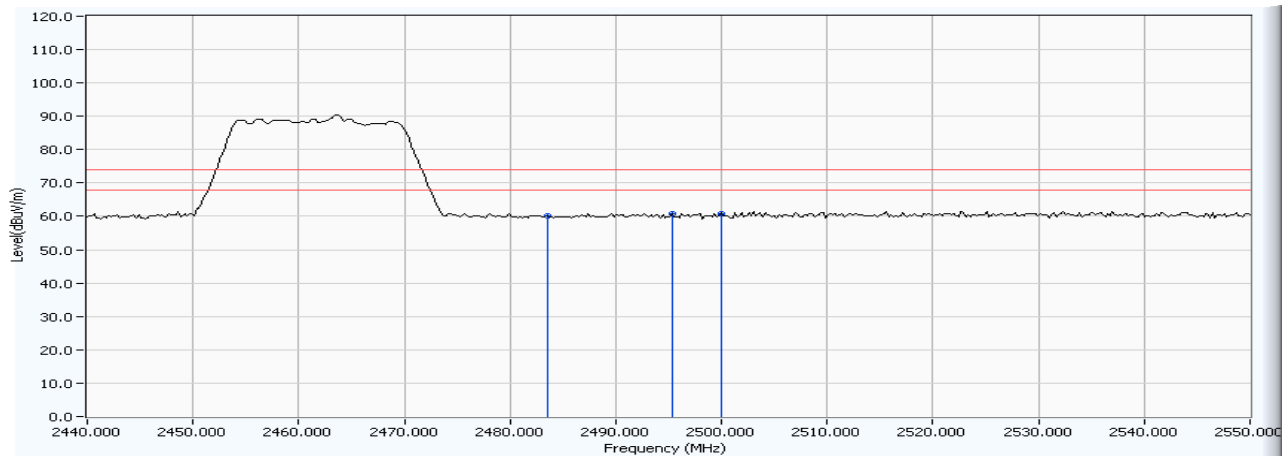


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	28.433	16.349	44.782	-9.218	74.000	54.000	AVERAGE
2	* 2388.397	28.717	17.983	46.700	-7.300	74.000	54.000	AVERAGE
3	2390.000	28.724	18.060	46.784	-7.216	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 : 2008/02/14 - 17:21
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : G-CH11

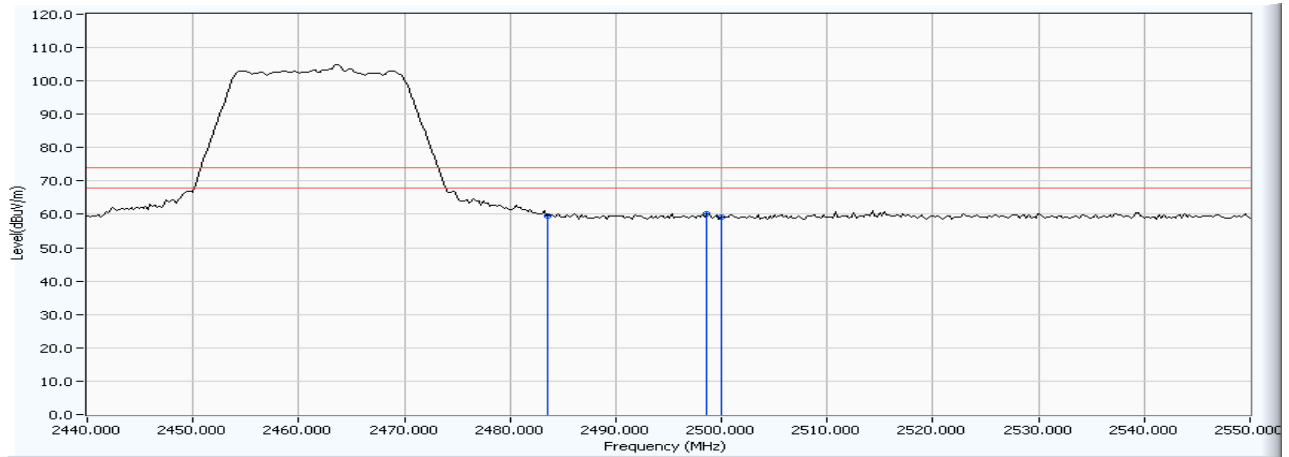


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	30.696	29.453	60.148	-13.852	74.000	54.000	PEAK
2	* 2495.331	30.710	30.129	60.838	-13.162	74.000	54.000	PEAK
3	2500.000	30.722	30.100	60.822	-13.178	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 : 2008/02/14 - 16:38
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : G-CH11

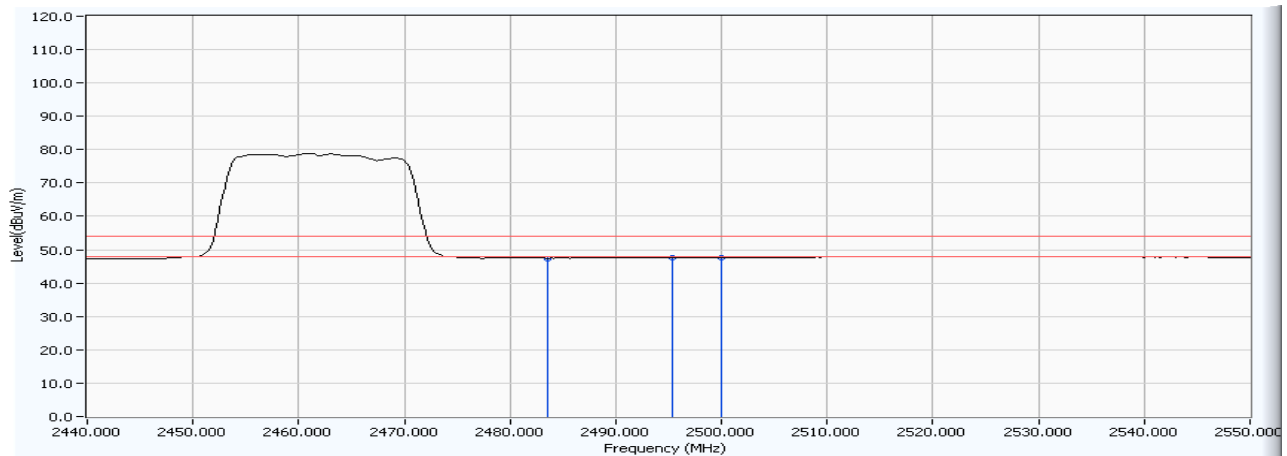


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	29.064	30.604	59.667	-14.333	74.000	54.000	PEAK
2	* 2498.637	29.109	31.176	60.285	-13.715	74.000	54.000	PEAK
3	2500.000	29.114	29.934	59.048	-14.952	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 : 2008/02/14 - 17:23
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
Power : AC 120V / 60Hz	Note : G-CH11

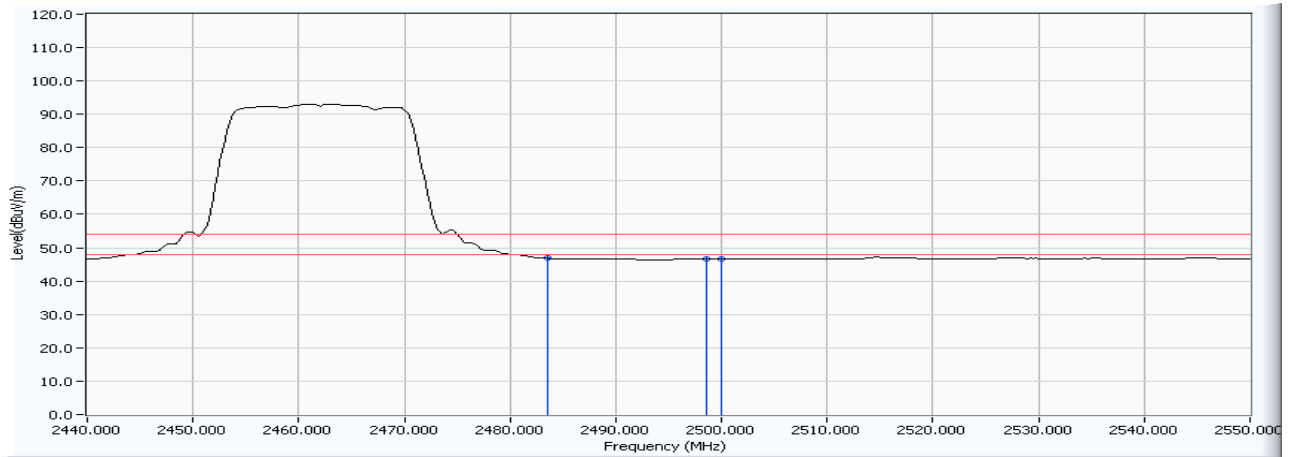


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	30.696	16.753	47.448	-6.552	74.000	54.000	AVERAGE
2	* 2495.331	30.710	16.895	47.604	-6.396	74.000	54.000	AVERAGE
3	2500.000	30.722	16.958	47.680	-6.320	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 : 2008/02/14 - 16:55
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
EUT : Wireless ADSL2 + Router	Probe : CB3_FCC_1-18G(2007) - VERTICAL
Power : AC 120V / 60Hz	Note : 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	29.064	17.754	46.817	-7.183	74.000	54.000	AVERAGE
2	* 2498.637	29.109	17.524	46.633	-7.367	74.000	54.000	AVERAGE
3	2500.000	29.114	17.506	46.620	-7.380	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

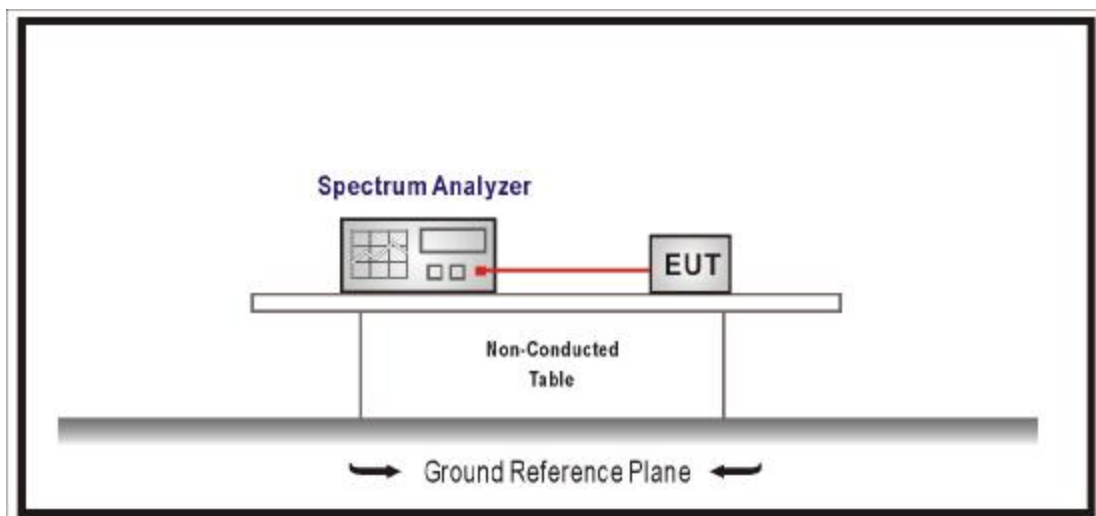
7.1. Test Equipment

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., 2007
2	No.1 OATS			Sep., 2007

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.

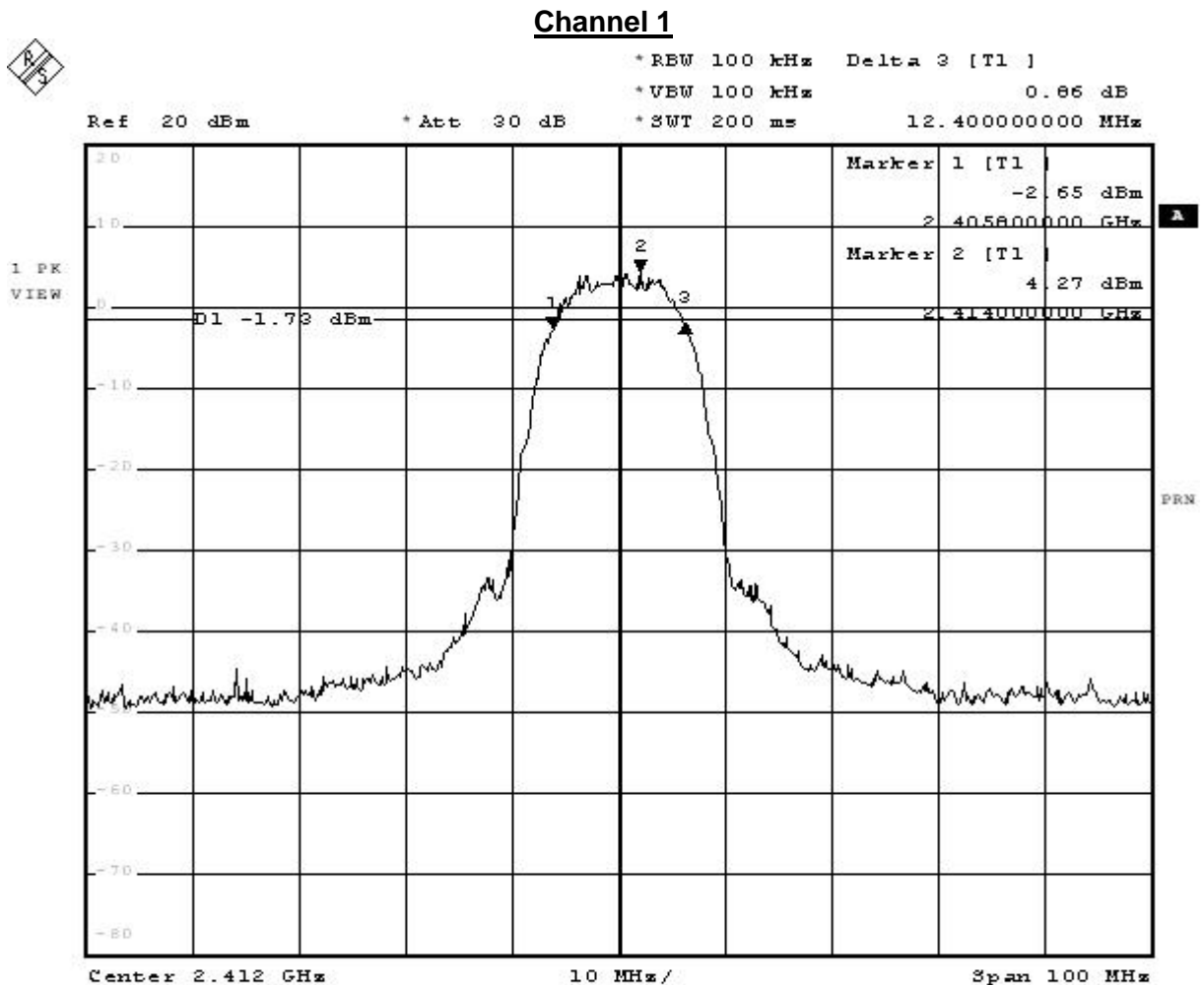
7.5. Uncertainty

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

7.6. Test Result

Product	Wireless ADSL2+ Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

802.11 b				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	12400	>500	Pass
6	2437.00	12600	>500	Pass
11	2462.00	12400	>500	Pass



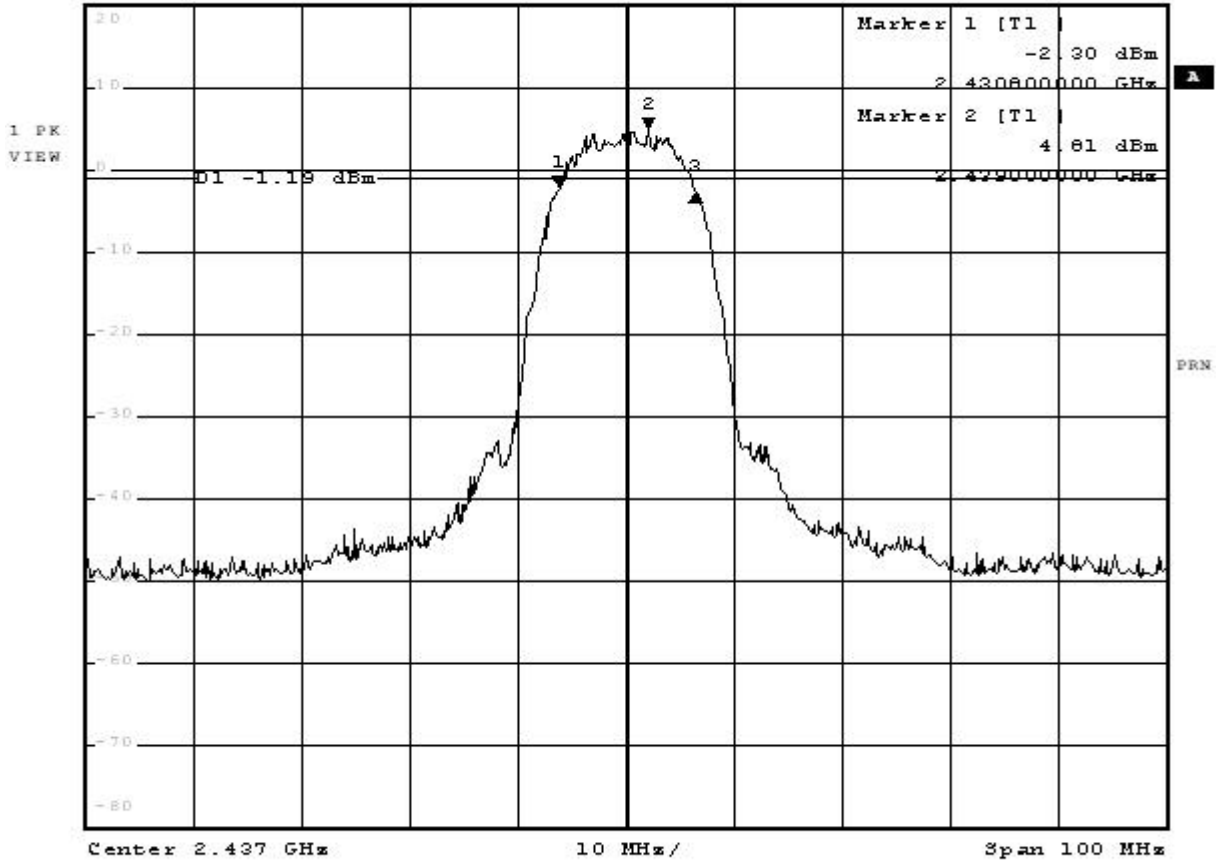
Date: 14.FEB.2008 06:57:08

Channel 6



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz -0.40 dB
 *SWT 200 ms 12.600000000 MHz

Ref 20 dBm *Att 30 dB



Date: 14.FEB.2006 06:45:24

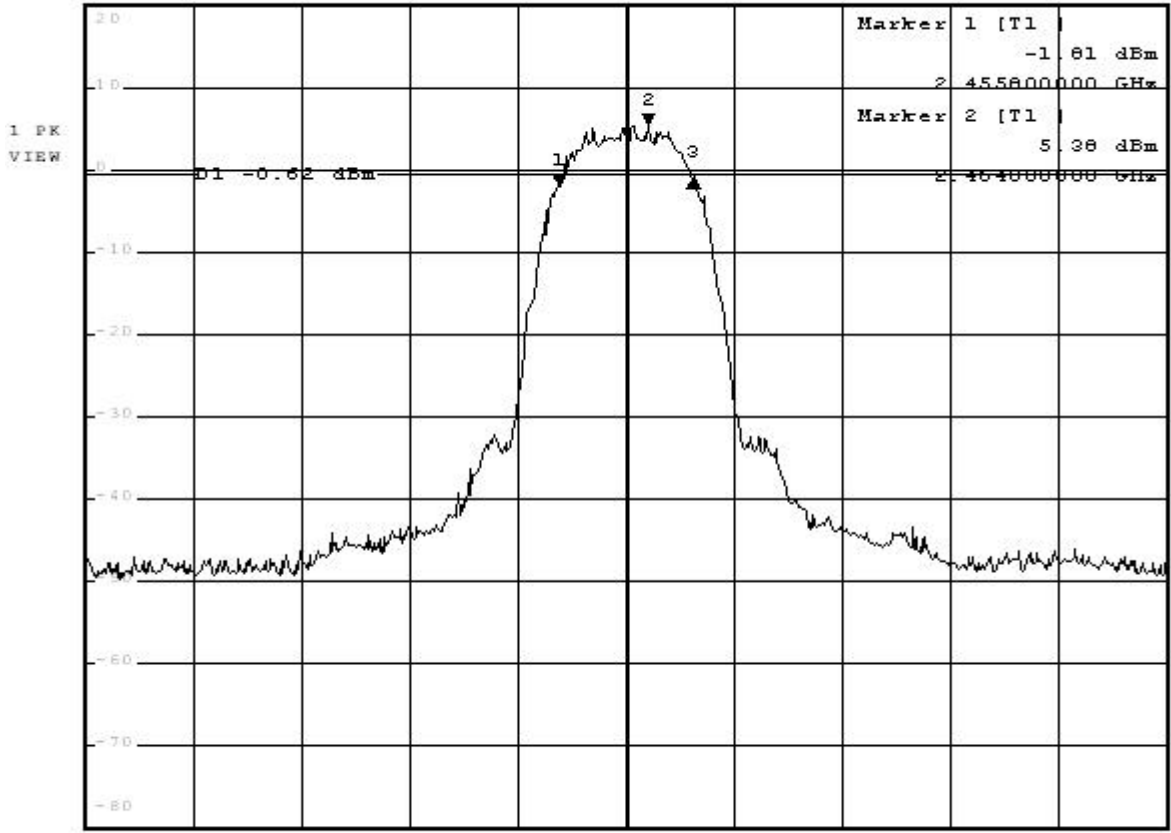
Channel 11



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz 1.01 dB
 *SWT 200 ms 12.400000000 MHz

Ref 20 dBm

*Att 30 dB



Center 2.462 GHz

10 MHz/

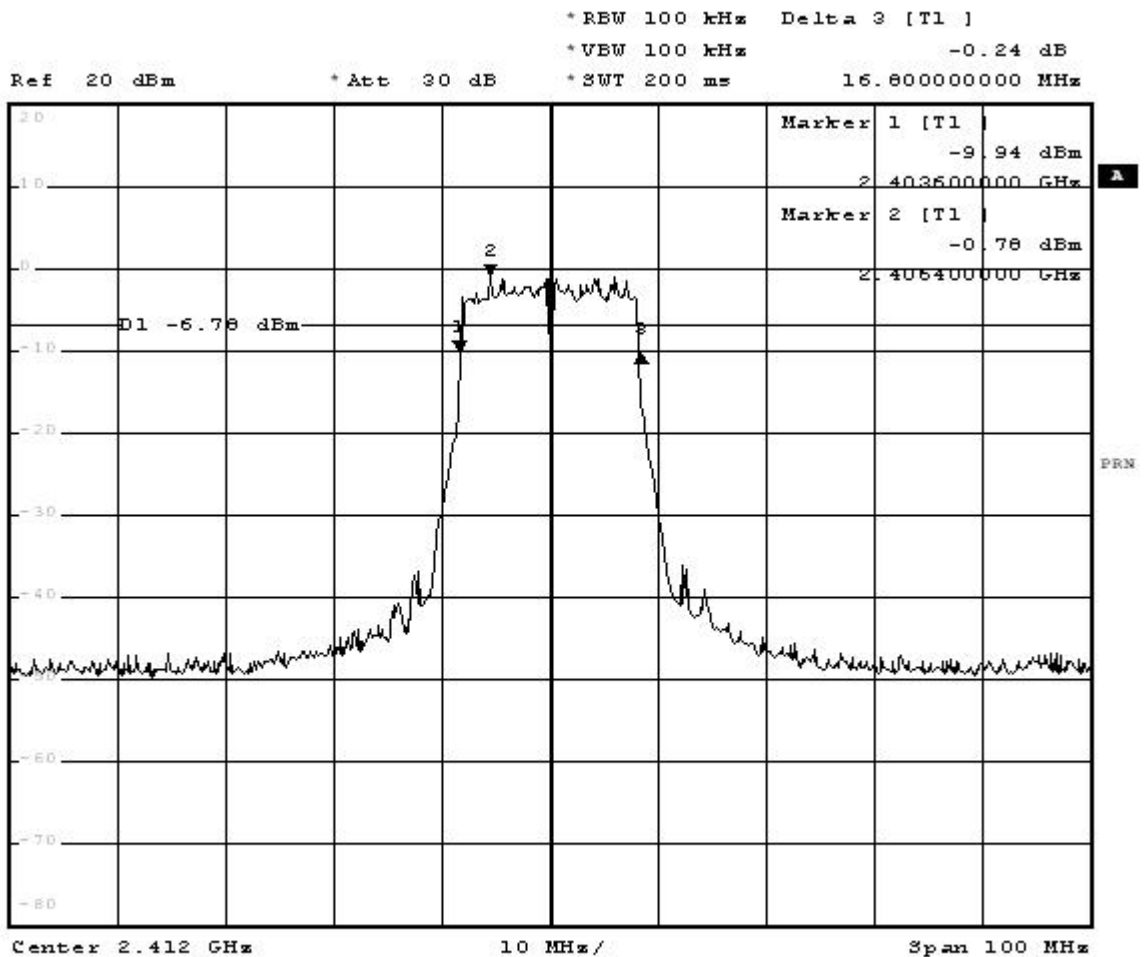
Span 100 MHz

Date: 14.FEB.2006 06:51:34

Product	Wireless ADSL2+ Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16800	>500	Pass
6	2437.00	16800	>500	Pass
11	2462.00	16800	>500	Pass

Channel 1



Date: 14.FEB.2008 07:01:35

Channel 6

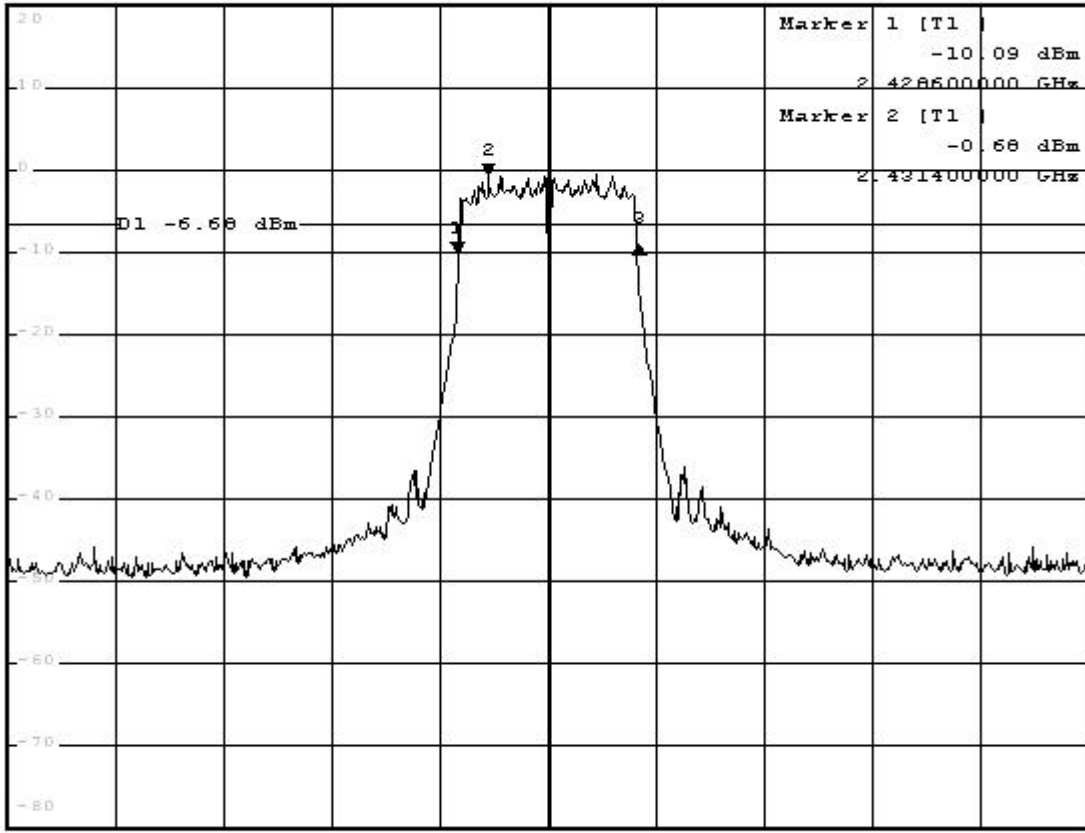


*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz 1.00 dB
 *SWT 200 ms 16.80000000 MHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

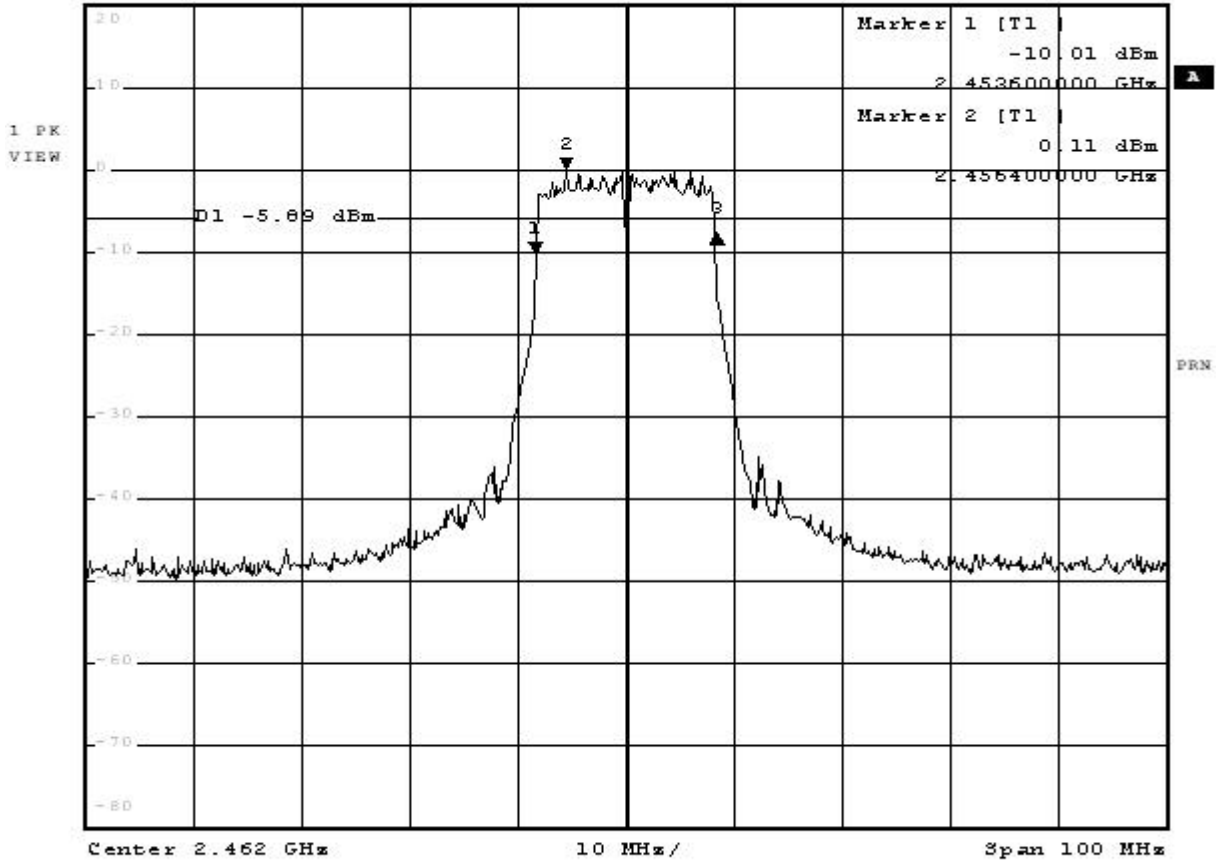
Date: 14.FEB.2006 07:05:16

Channel 11



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz 2.32 dB
 *SWT 200 ms 16.800000000 MHz

Ref 20 dBm *Att 30 dB



Date: 14.FEB.2006 07:08:29

8. Power Density

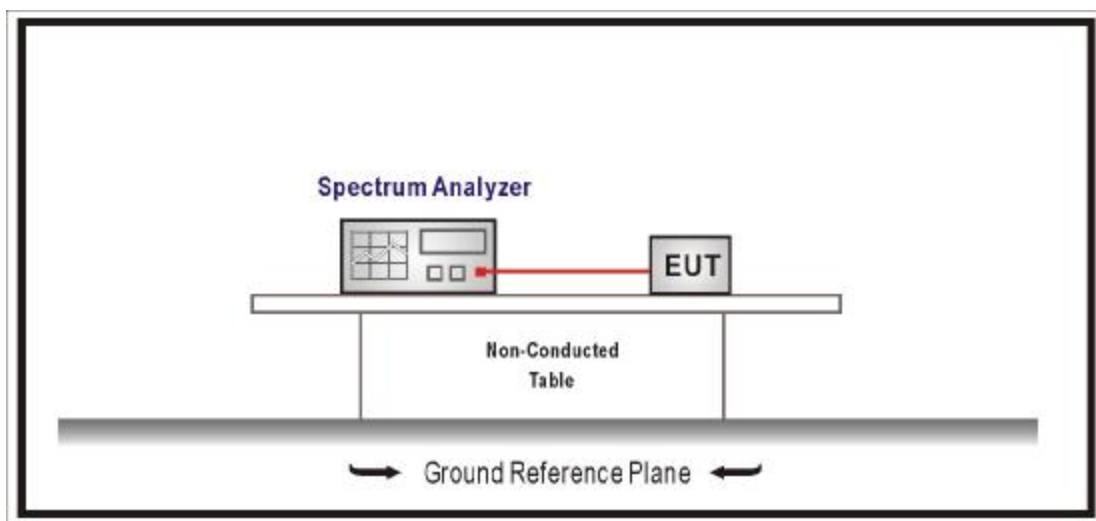
8.1. Test Equipment

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., 2007
2	No.1 OATS			Sep., 2007

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

8.2. Test Setup



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

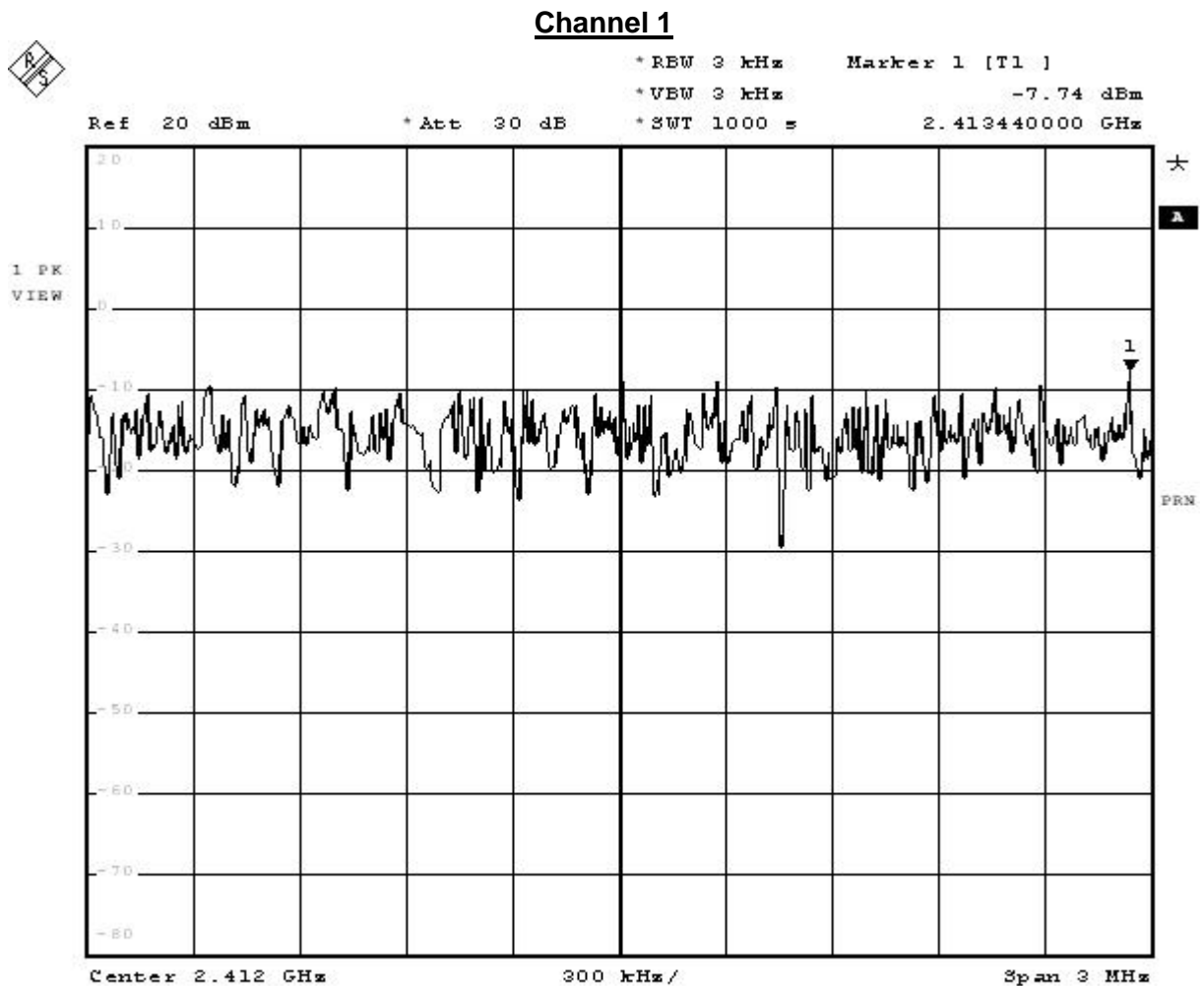
8.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

8.6. Test Result

Product	Wireless ADSL2+ Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.74	<8	Pass
6	2437	-7.63	<8	Pass
11	2462	-7.11	<8	Pass



Date: 14.FEB.2008 00:22:42

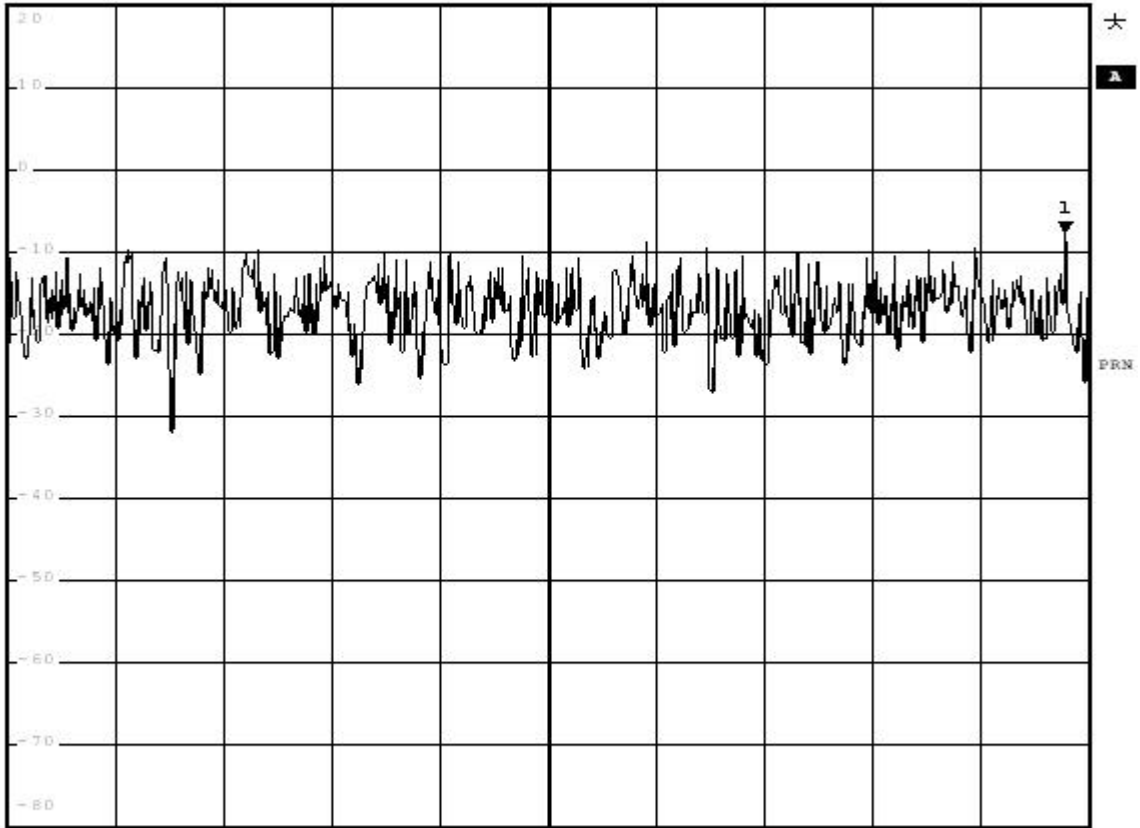
Channel 6



*RBW 3 kHz Marker 1 [T1]
*VBW 3 kHz -7.63 dBm
*SWT 1000 s 2.436434000 GHz

Ref 20 dBm *Att 30 dB

1 PE
VIEW



Center 2.437 GHz 300 kHz/ Span 3 MHz

Date: 14.FEB.2008 00:29:12

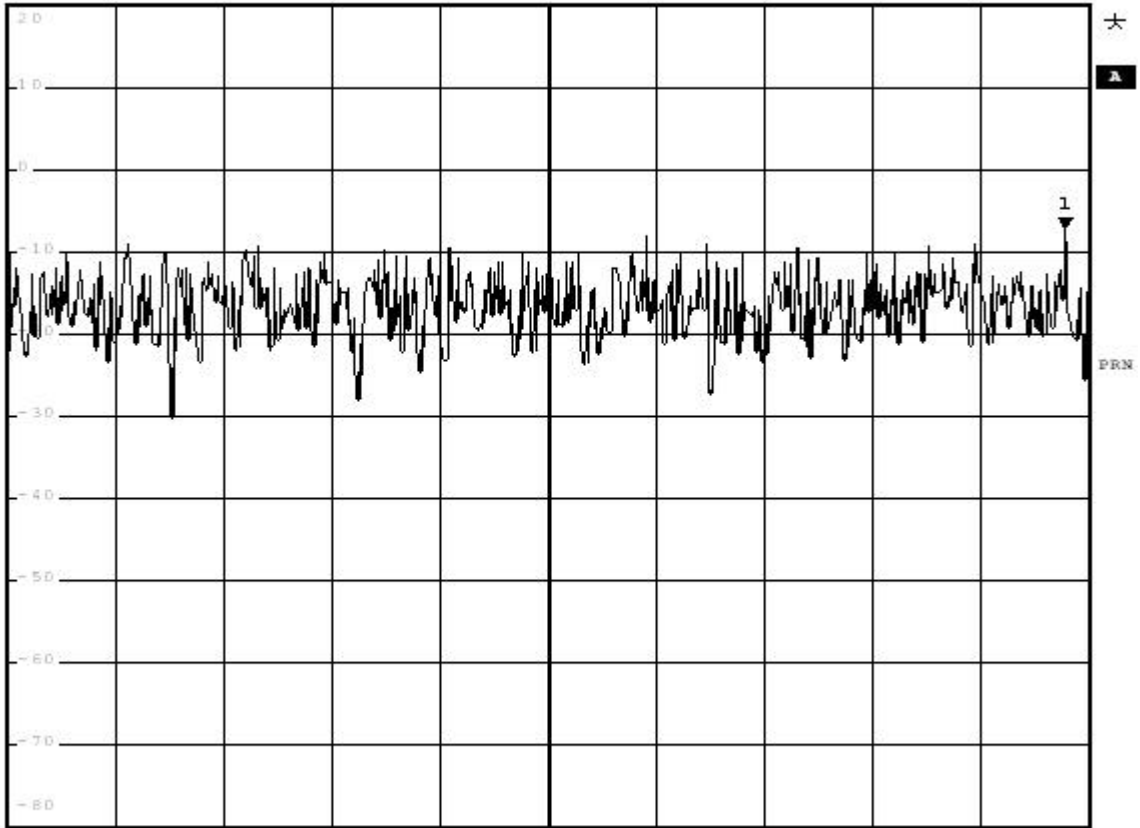
Channel 11



*RBW 3 kHz Marker 1 [T1]
*VBW 3 kHz -7.11 dBm
*SWT 1000 s 2.463434000 GHz

Ref 20 dBm *Att 30 dB

1 PK
VIEW

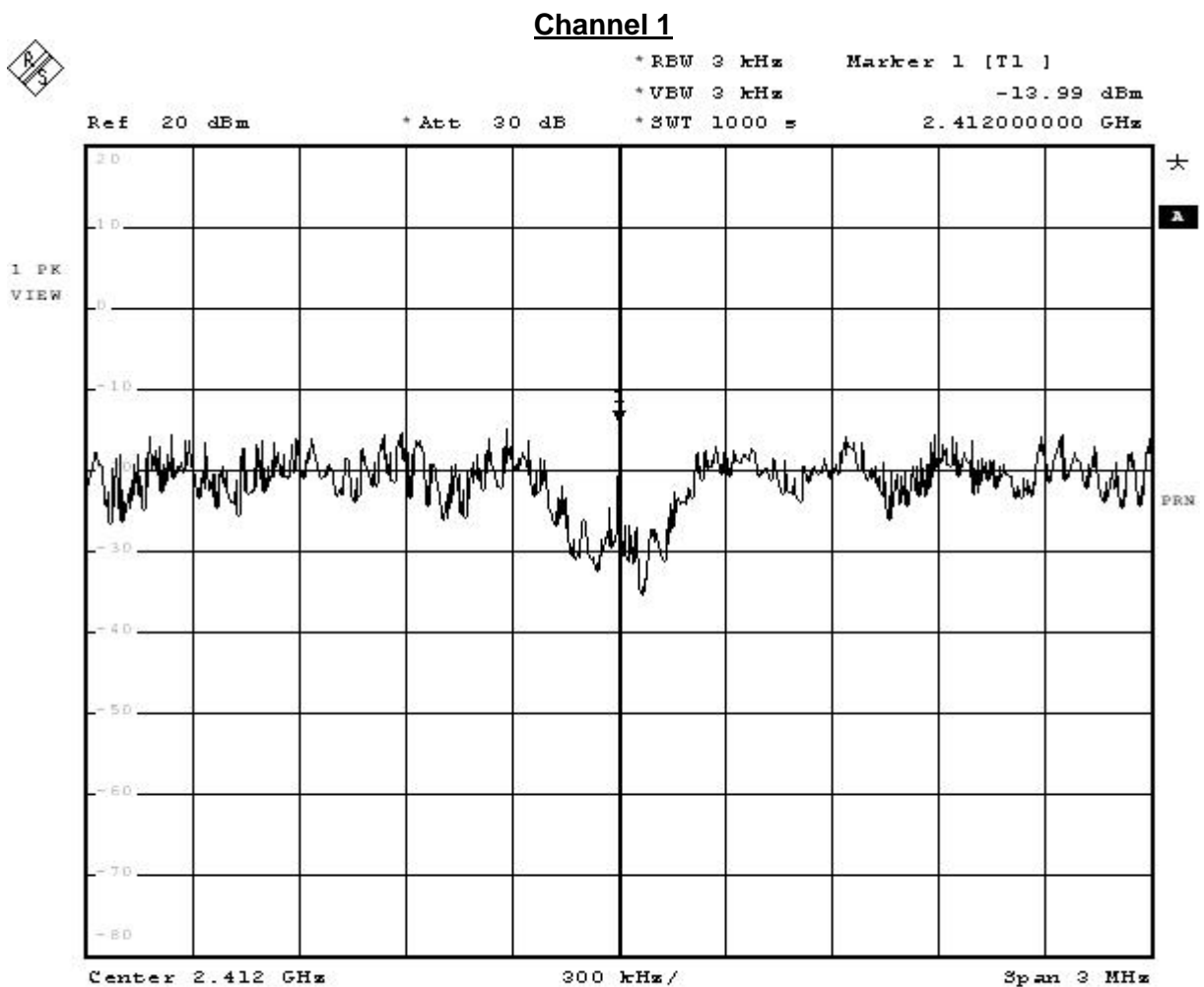


Center 2.462 GHz 300 kHz/ Span 3 MHz

Date: 14.FEB.2008 00:35:05

Product	Wireless ADSL2+ Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/02/14	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-13.99	<8	Pass
6	2437	-13.83	<8	Pass
11	2462	-13.34	<8	Pass



Date: 14.FEB.2008 00:49:05

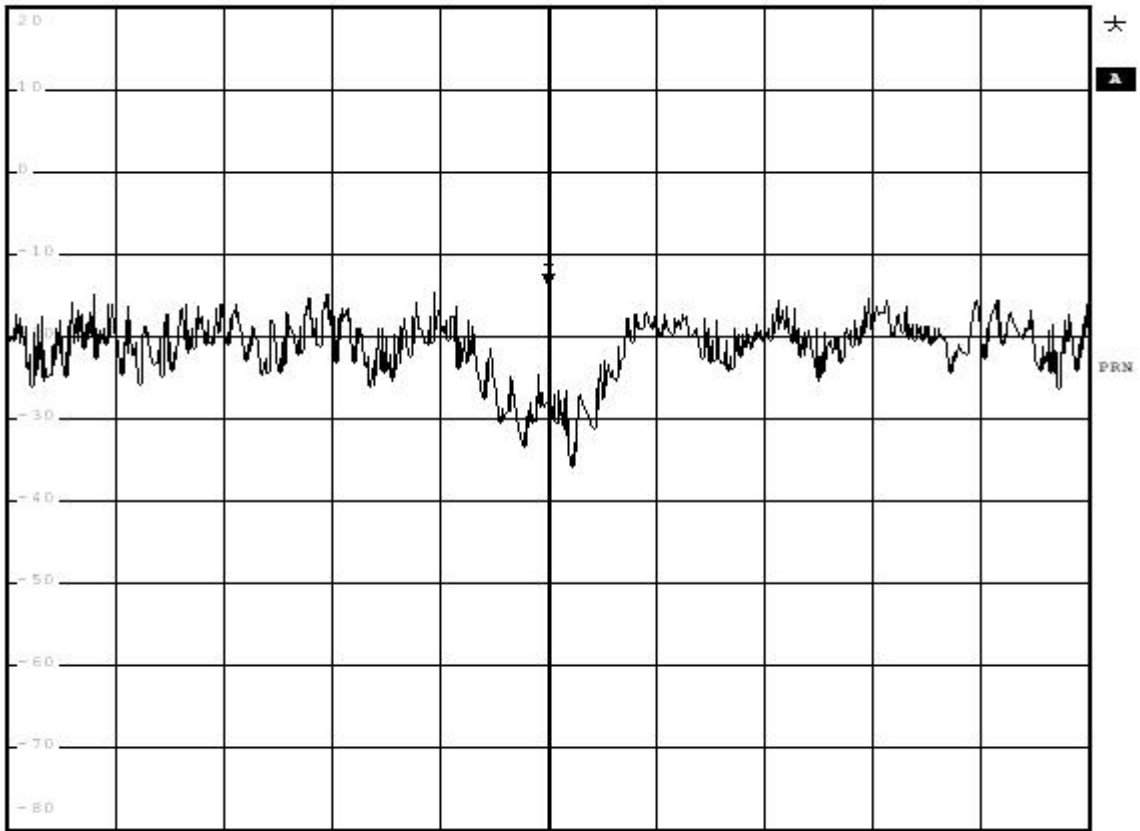
Channel 6



*RBW 3 kHz Marker 1 [T1]
*VBW 3 kHz -13.83 dBm
*SWT 1000 s 2.437000000 GHz

Ref 20 dBm *Att 30 dB

1 PK
VIEW



Center 2.437 GHz 300 kHz/ Span 3 MHz

Date: 14.FEB.2008 01:02:33

Channel 11

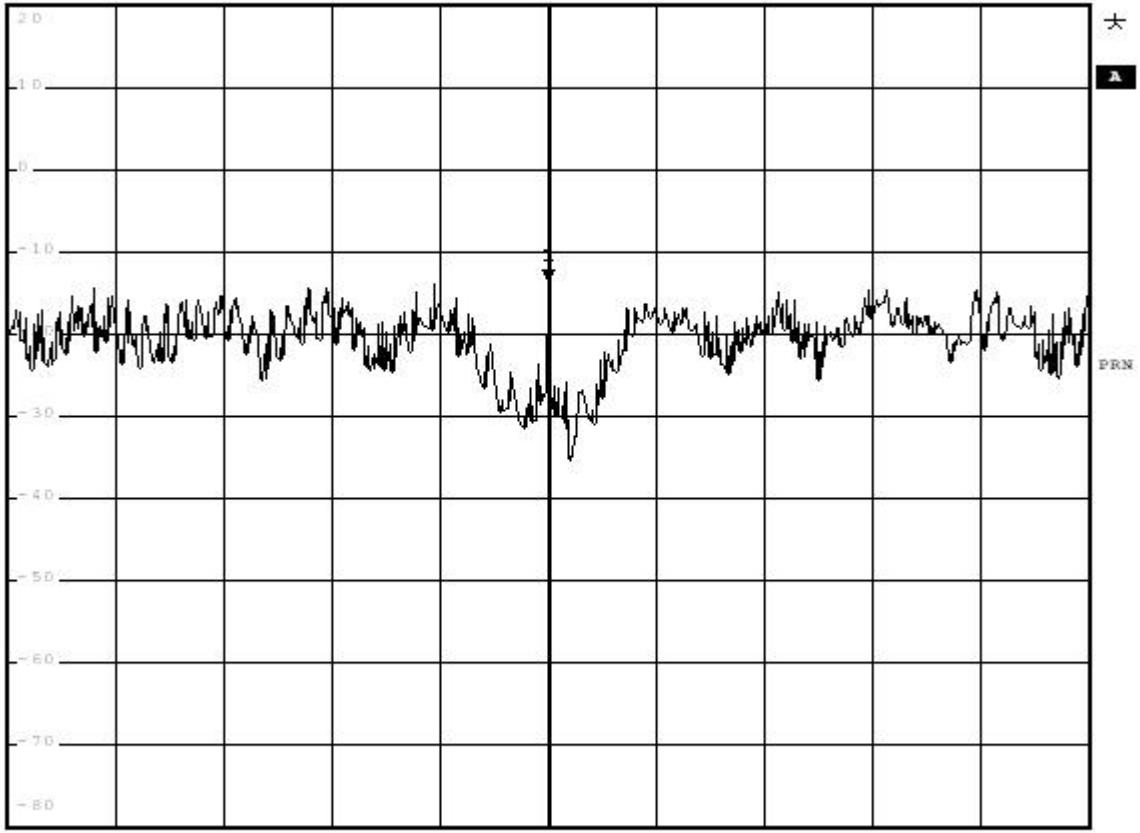


*RBW 3 kHz Marker 1 [T1]
*VBW 3 kHz -13.34 dBm
*SWT 1000 s 2.462000000 GHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.462 GHz

300 kHz/

Span 3 MHz

Date: 14.FEB.2006 01:11:12