Test Report

Product Name ： Wireless G USB Adapter
Model No. ： DWA-110, WUA-1340, WUS-G14
FCC ID. ： KA2WA110A1

Applicant ： D-Link Corporation
Address ： No.289, Sinhu 3rd Rd, Neihu District,
Taipei 114, Taiwan, R.O.C.

Date of Receipt ： 2007/01/08
Issued Date ： 2007/02/27
Report No. ： 071H061-RFUSP05V01

Test Report Certification

Issued Date : 2007/02/27
Report No. : 071H061-RFUSP05V01

QuieTek

Product Name	:	Wireless G USB Adapter
Applicant	:	D-Link Corporation
Address	:	No.289, Sinhu 3rd Rd, Neihu District, Taipei 114, Taiwan, R.O.C.
Manufacturer	:	Alpha Networks Inc.
Model No.	:	DWA-110, WUA-1340, WUS-G14
FCC ID.	:	KA2WA110A1
Rated Voltage	:	AC 120 V / 60 Hz
EUT Voltage	:	DC 5V
Trade Name	:	D-Link, Non-brand
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2005
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 : Carol Tsai
(Carol Tsai)

Tested By : Eric Lee
(Eric Lee)

Approved By : Roy Wang
(Roy Wang)

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1. General Information

1.1. EUT Description

Product Name	Wireless G USB Adapter
Trade Name	D-Link, Non-brand
Model No.	DWA-110, WUA-1340, WUS-G14
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	0.33dBi
Channel Control	Auto
Antenna Type	Printed

Component	
Cradle Cable	D-Link Shielded, 1.4m

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 G USB Adapter included a 2.4GHz receiving function, and 2.4GHz transmitting function.
2. The different of the each model is shown as below:

Model Number	Trade Name
DWA-110, WUA-1340	D-Link
WUS-G14	Non-brand

   Each model of DWA-110, WUA-1340 and WUS-G14 have different cases.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
4. Regards to the frequency band operation; the highest rate that was included the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
5. This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 071H061-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
Final Test Mode	
TX	Mode 1: Transmit

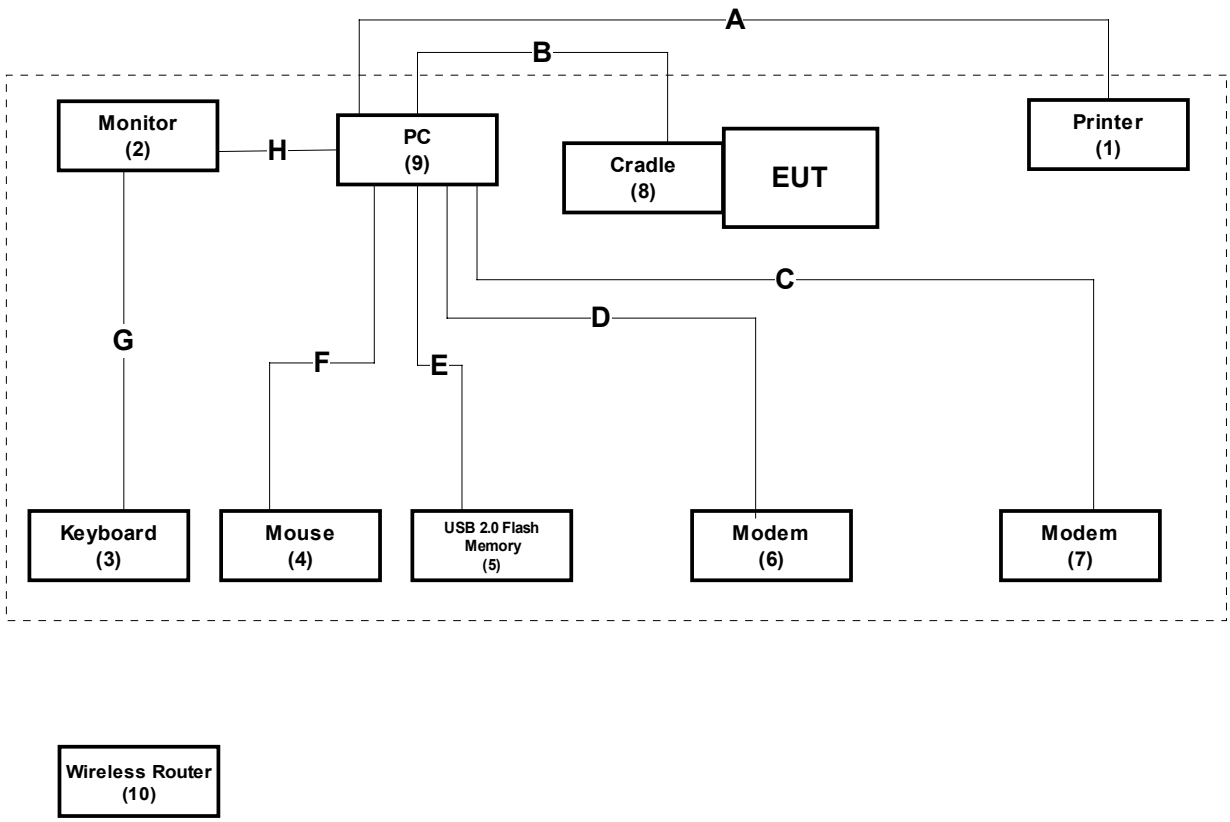
1.4. Tested System Details

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.	Power Cord
1	Printer	HP	C2642A	MY75J1D1D2	Non-Shielded, 0.7m
2	Monitor	CHI MEI	A170E1-09	3UC120955CA0088	Non-Shielded, 1.8m
3	Keyboard	Logitech	Y-SM46	SY525U18106	--
4	Mouse	IBM	M-SAU-IBM6	23-029334	--
5	USB 2.0 Flash Memory	TOSHIBA	Trans Memory II 1 GB	N/A	--
6	Modem	ACEEX	DM-1414	980033034	Non-Shielded, 1.6m
7	Modem	ACEEX	DM-1414	0102027546	Non-Shielded, 1.6m
8	Cradle	D-Link	N/A	N/A	--
9	PC	Gigabyte	GA-6VEML	301415 00608	Non-Shielded, 1.8m
10	Wireless Router	ASUS	WL-520G	2005/5803450002	N/A

1.5. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	Printer Cable	Shielded, 1.2m
B	USB Cable	Shielded, 1.4m, one ferrite core bonded.
C	Modem Cable	Shielded, 1.5m
D	Modem Cable	Shielded, 1.5m
E	USB 2.0 Flash Memory Cable	Non-Shielded, 1.2m
F	Mouse Cable	Shielded, 1.8m
G	Keyboard Cable	Shielded, 1.8m
H	VGA Cable	Non-Shielded, 1.6m

1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5
2	Turn on the power of all equipment.
3	PC reads data from disk.
4	Data will be transmitting through EUT.
5	The transmitting status will be shown on the monitor.
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 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	25
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	24
Humidity (%RH)		25 - 75	59
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	24
Humidity (%RH)		25 - 75	59
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	24
Humidity (%RH)		25 - 75	59
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 CNLA
Accreditation Number: 1313
Effective through: September 27, 2007

1313

ILAC MRA

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2006

NVLAP Lab Code : 200347-0

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. Peak Power Output

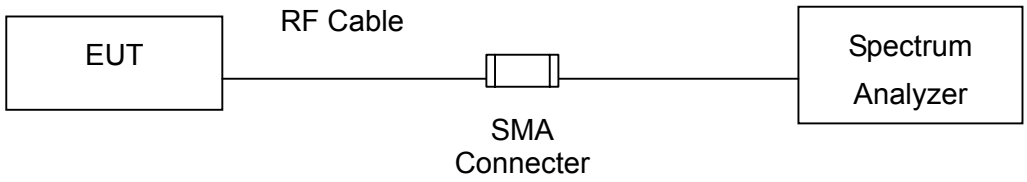
2.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R&S	FSP/ 100005	Oct., 2005
2	No.1 OATS			Sep., 2006

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

The maximum peak power shall be less 1 Watt.

2.4. Test Specification

According to FCC CFR Title 47 Part 15 Subpart C Section 15.247:2005

2.5. Uncertainty

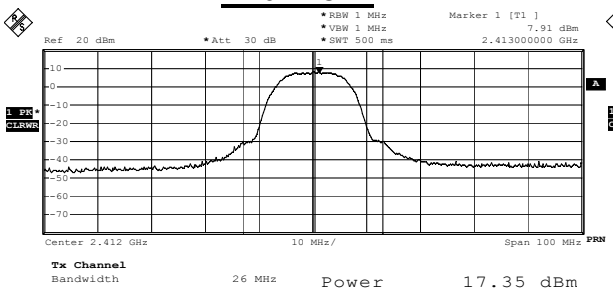
The measurement uncertainty is defined as ± 1.27 dB.

2.6. Test Result

Product	Wireless G USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.35	1Watt= 30 dBm	Pass
6	2437	17.83	1Watt= 30 dBm	Pass
11	2462	17.93	1Watt= 30 dBm	Pass

Channel 1



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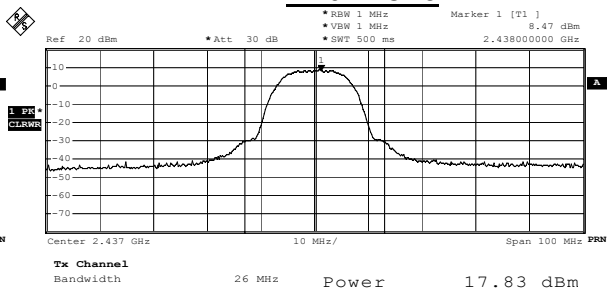
Channel 6



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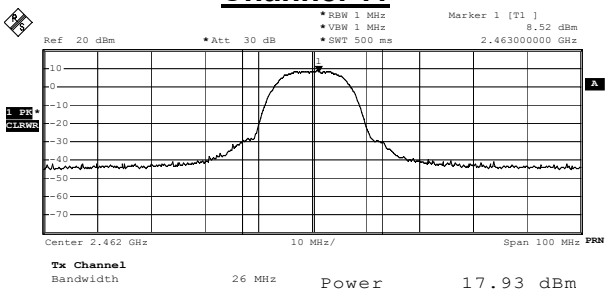
Channel 11



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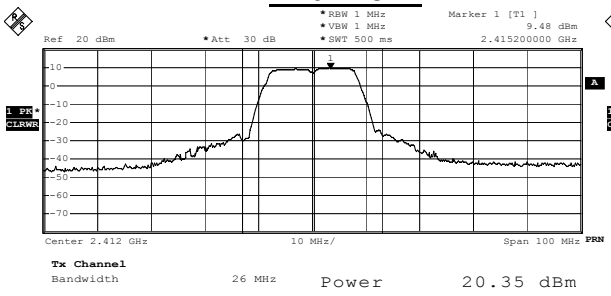
Product	Wireless G USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.35	1Watt= 30 dBm	Pass
6	2437	20.87	1Watt= 30 dBm	Pass
11	2462	20.86	1Watt= 30 dBm	Pass

Channel 1



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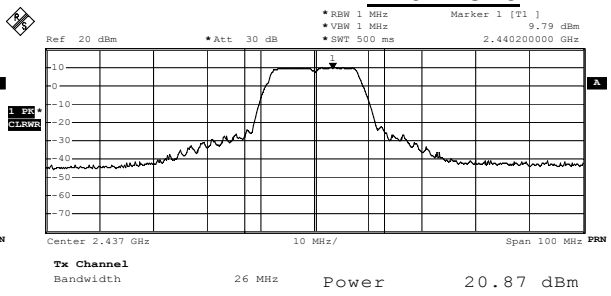
Channel 6



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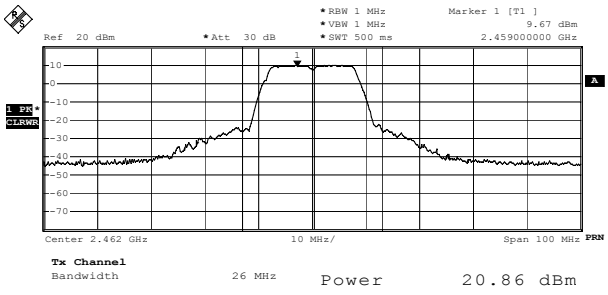
Channel 11



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3. Conducted Emission

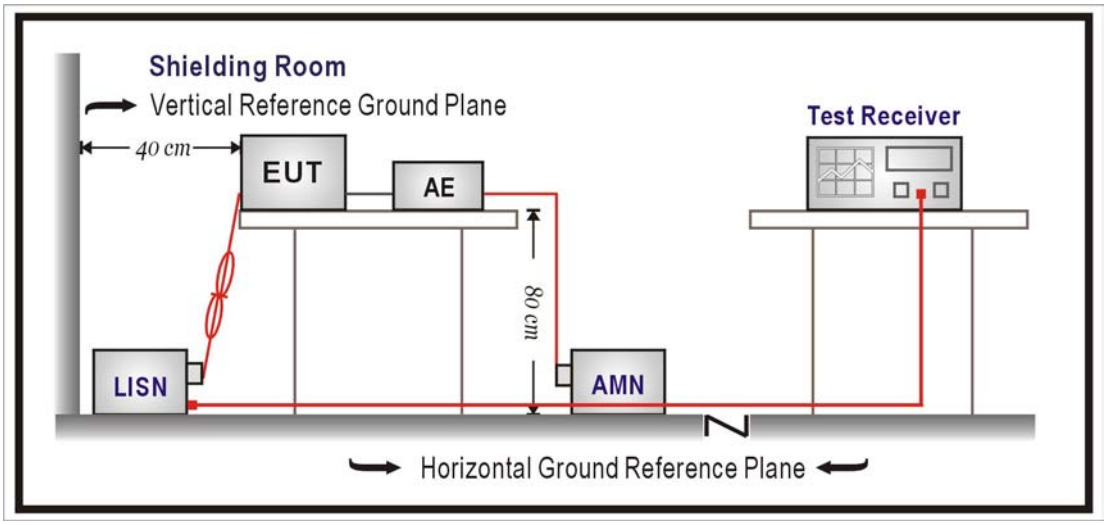
3.1. Test Equipment

The following test equipment 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., 2006	
2	Artificial Mains Network	R & S	ENV4200/848411/10	Feb., 2006	Peripheral
3	LISN	R & S	ESH3-Z5/825562/002	Feb., 2006	EUT
4	Pulse Limiter	R & S	ESH3-Z2/357.8810.52	Feb., 2006	
5	No.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

3.2. Test Setup



3.3. 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.

3.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Test Specification

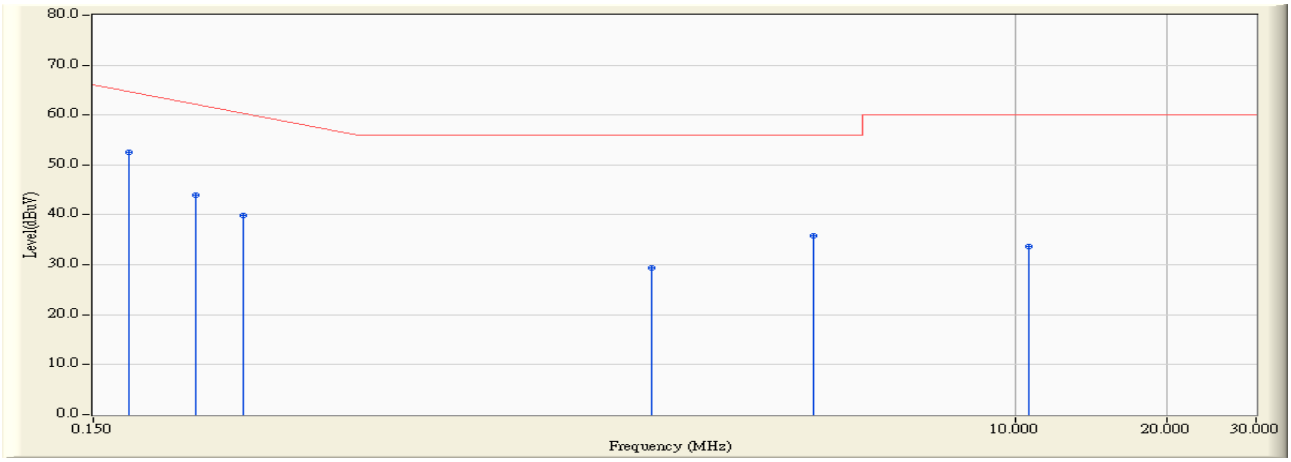
According to FCC Part 15 Subpart C Paragraph 15.207: 2005

3.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

3.7. Test Result

Site : QuieTek Shielding Room2	**Time : 2007/01/17 - 09:53**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line1**
Power : AC 120V / 60Hz	**Note : TX-B**

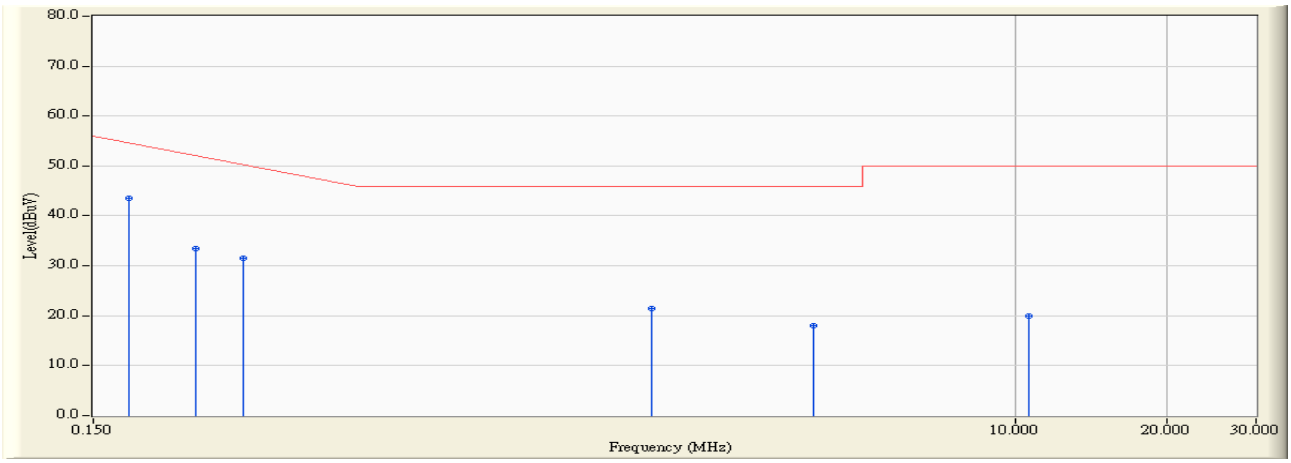


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.246	52.280	52.526	-12.703	65.229	QUASIPEAK
2		0.240	0.260	43.770	44.030	-19.399	63.429	QUASIPEAK
3		0.298	0.277	39.610	39.887	-21.884	61.771	QUASIPEAK
4		1.904	0.580	28.710	29.290	-26.710	56.000	QUASIPEAK
5		3.986	0.830	34.980	35.810	-20.190	56.000	QUASIPEAK
6		10.654	1.447	32.240	33.687	-26.313	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 09:53**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line1**
Power : AC 120V / 60Hz	**Note : TX-B**

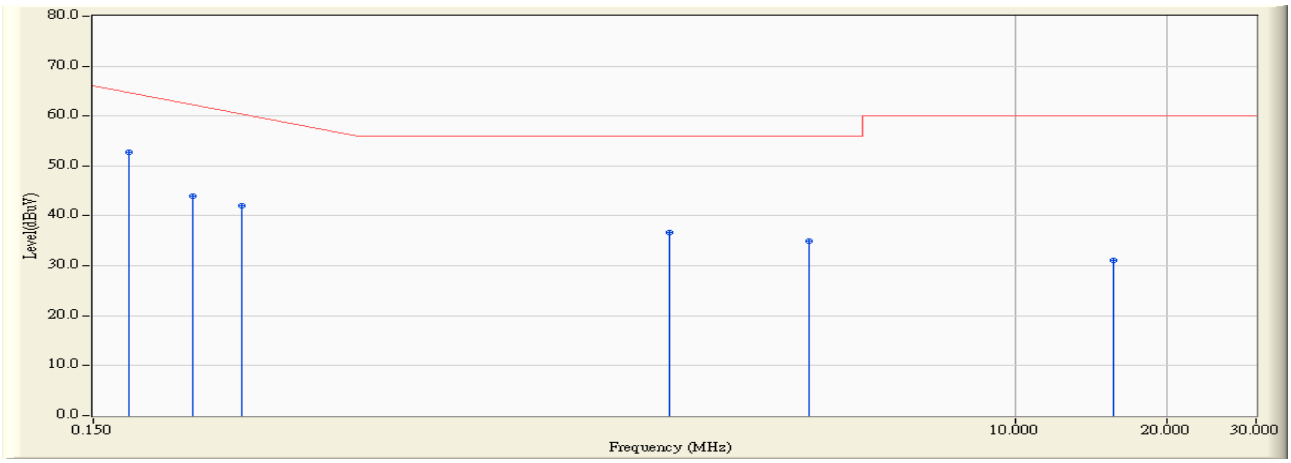


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.246	43.300	43.546	-11.683	55.229	AVERAGE
2		0.240	0.260	33.270	33.530	-19.899	53.429	AVERAGE
3		0.298	0.277	31.330	31.607	-20.164	51.771	AVERAGE
4		1.904	0.580	20.810	21.390	-24.610	46.000	AVERAGE
5		3.986	0.830	17.100	17.930	-28.070	46.000	AVERAGE
6		10.654	1.447	18.510	19.957	-30.043	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:04**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line2**
Power : AC 120V / 60Hz	**Note : TX-B**

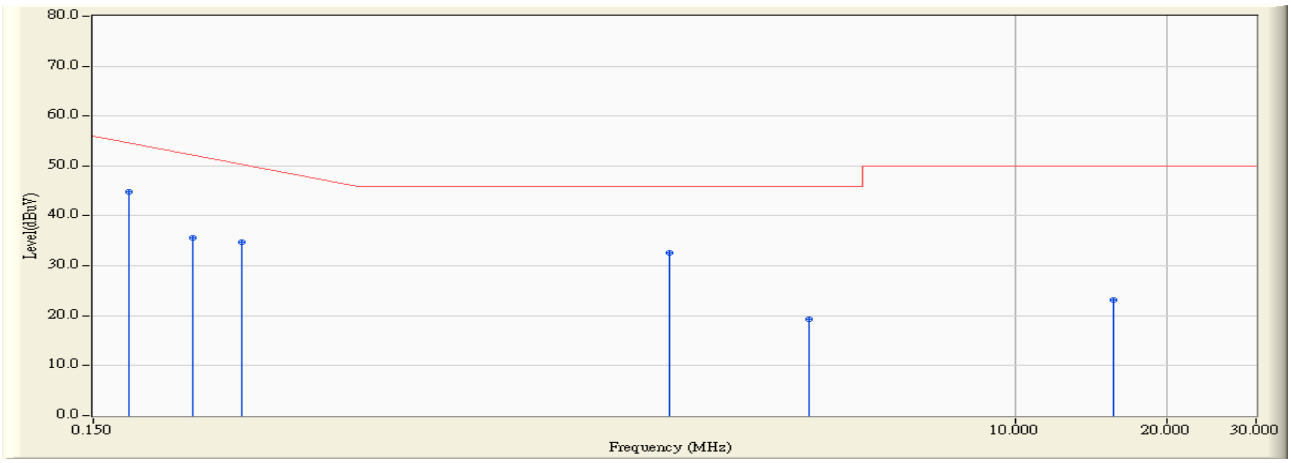


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.146	52.660	52.806	-12.423	65.229	QUASIPEAK
2		0.236	0.160	43.850	44.010	-19.533	63.543	QUASIPEAK
3		0.295	0.175	41.760	41.935	-19.922	61.857	QUASIPEAK
4		2.072	0.290	36.430	36.720	-19.280	56.000	QUASIPEAK
5		3.908	0.430	34.540	34.970	-21.030	56.000	QUASIPEAK
6		15.623	0.870	30.240	31.110	-28.890	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:04**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line2**
Power : AC 120V / 60Hz	**Note : TX-B**

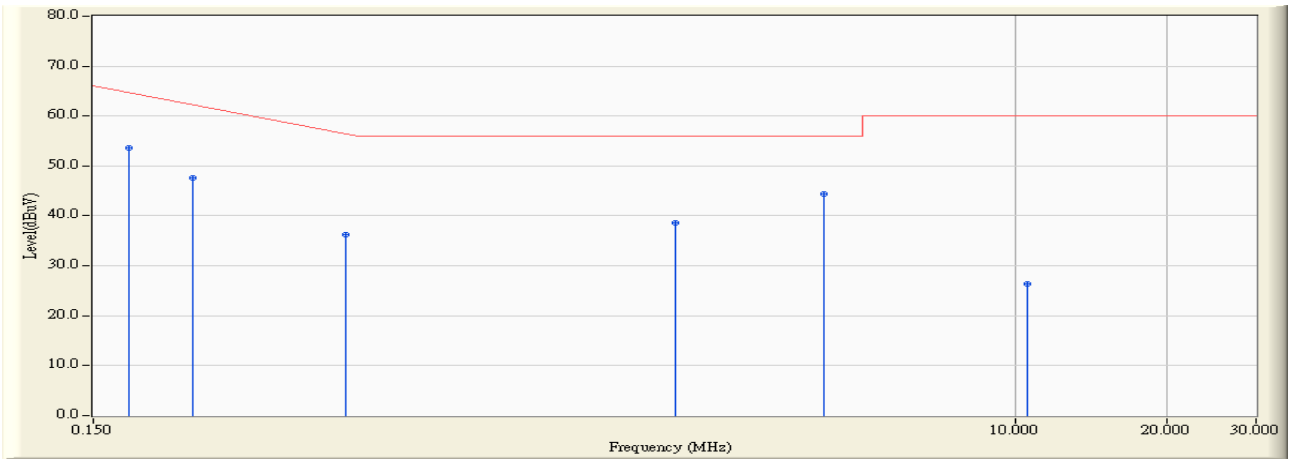


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.146	44.630	44.776	-10.453	55.229	AVERAGE
2		0.236	0.160	35.410	35.570	-17.973	53.543	AVERAGE
3		0.295	0.175	34.470	34.645	-17.212	51.857	AVERAGE
4		2.072	0.290	32.310	32.600	-13.400	46.000	AVERAGE
5		3.908	0.430	18.830	19.260	-26.740	46.000	AVERAGE
6		15.623	0.870	22.200	23.070	-26.930	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:11**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line1**
Power : AC 120V / 60Hz	**Note : TX-G**

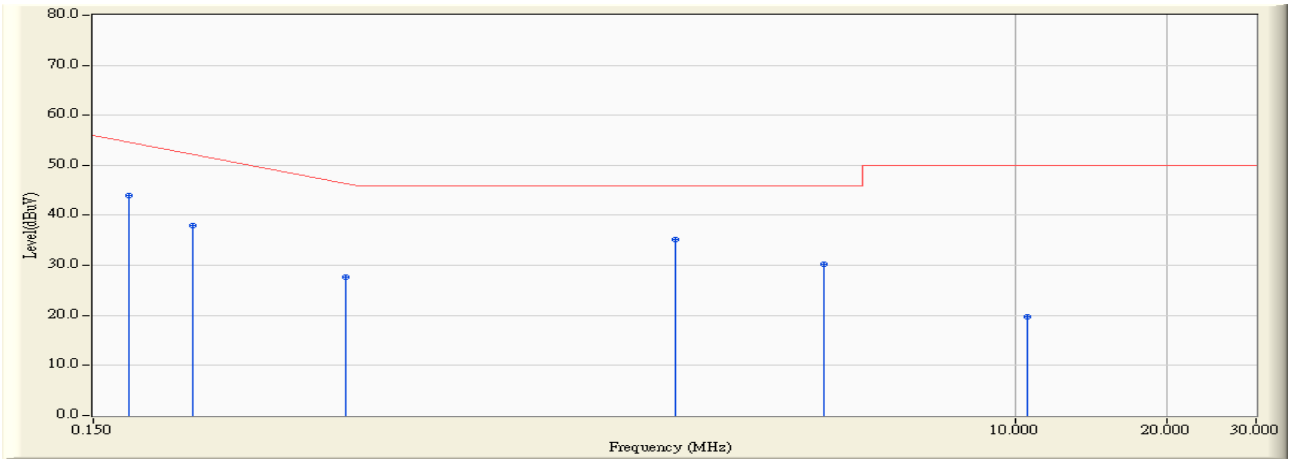


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.246	53.340	53.586	-11.643	65.229	QUASIPEAK
2		0.236	0.260	47.400	47.660	-15.883	63.543	QUASIPEAK
3		0.474	0.557	35.780	36.337	-20.406	56.743	QUASIPEAK
4		2.123	0.795	37.910	38.705	-17.295	56.000	QUASIPEAK
5		4.193	0.835	43.490	44.325	-11.675	56.000	QUASIPEAK
6		10.572	1.364	24.990	26.354	-33.646	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:11**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line1**
Power : AC 120V / 60Hz	**Note : TX-G**

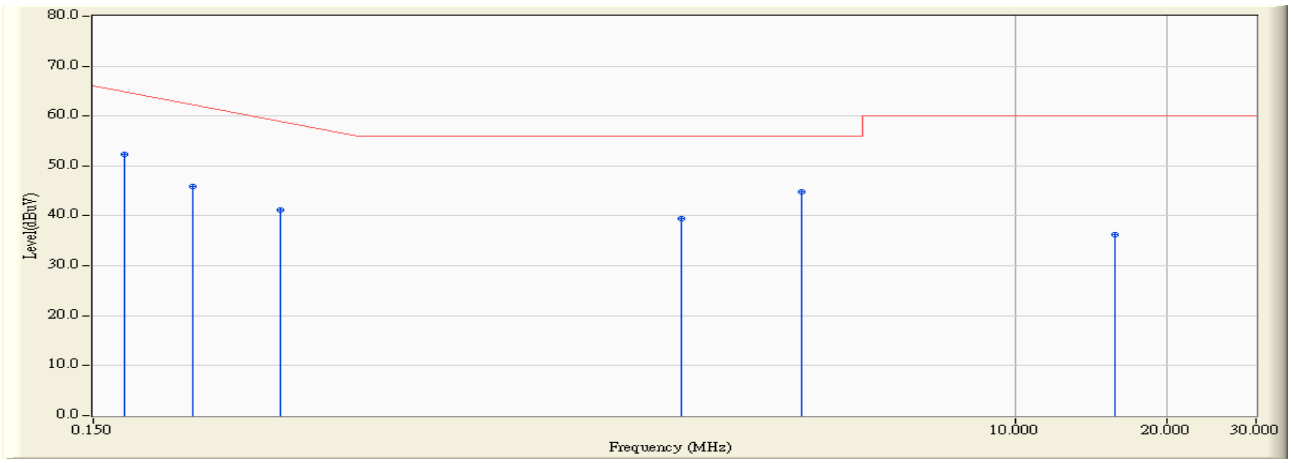


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.177	0.246	43.730	43.976	-11.253	55.229	AVERAGE
2		0.236	0.260	37.720	37.980	-15.563	53.543	AVERAGE
3		0.474	0.557	27.020	27.577	-19.166	46.743	AVERAGE
4	*	2.123	0.795	34.290	35.085	-10.915	46.000	AVERAGE
5		4.193	0.835	29.360	30.195	-15.805	46.000	AVERAGE
6		10.572	1.364	18.370	19.734	-30.266	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:15**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line2**
Power : AC 120V / 60Hz	**Note : TX-G**

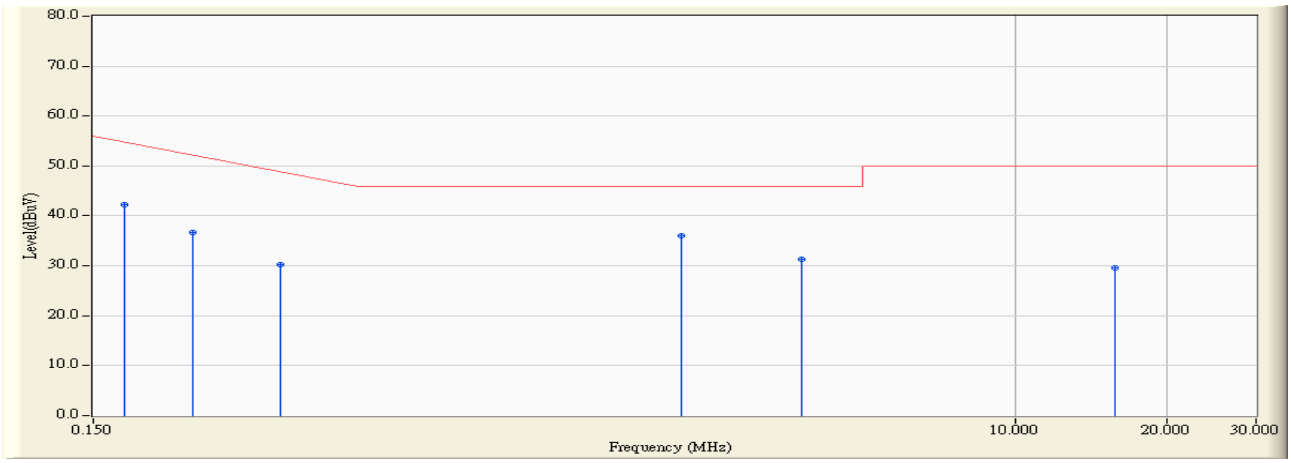


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	0.145	52.100	52.245	-13.098	65.343	QUASIPEAK
2		0.236	0.160	45.690	45.850	-17.693	63.543	QUASIPEAK
3		0.353	0.190	40.950	41.140	-19.060	60.200	QUASIPEAK
4		2.181	0.310	39.160	39.470	-16.530	56.000	QUASIPEAK
5	*	3.775	0.420	44.450	44.870	-11.130	56.000	QUASIPEAK
6		15.752	0.870	35.310	36.180	-23.820	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 : QuieTek Shielding Room2	**Time : 2007/01/17 - 10:15**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Wireless G USB Adapter	**Probe : SR3_LISN(16A) - Line2**
Power : AC 120V / 60Hz	**Note : TX-G**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	0.145	42.120	42.265	-13.078	55.343	AVERAGE
2		0.236	0.160	36.610	36.770	-16.773	53.543	AVERAGE
3		0.353	0.190	29.960	30.150	-20.050	50.200	AVERAGE
4	*	2.181	0.310	35.720	36.030	-9.970	46.000	AVERAGE
5		3.775	0.420	30.890	31.310	-14.690	46.000	AVERAGE
6		15.752	0.870	28.740	29.610	-20.390	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.

4. Radiated Emission

4.1. Test Equipment

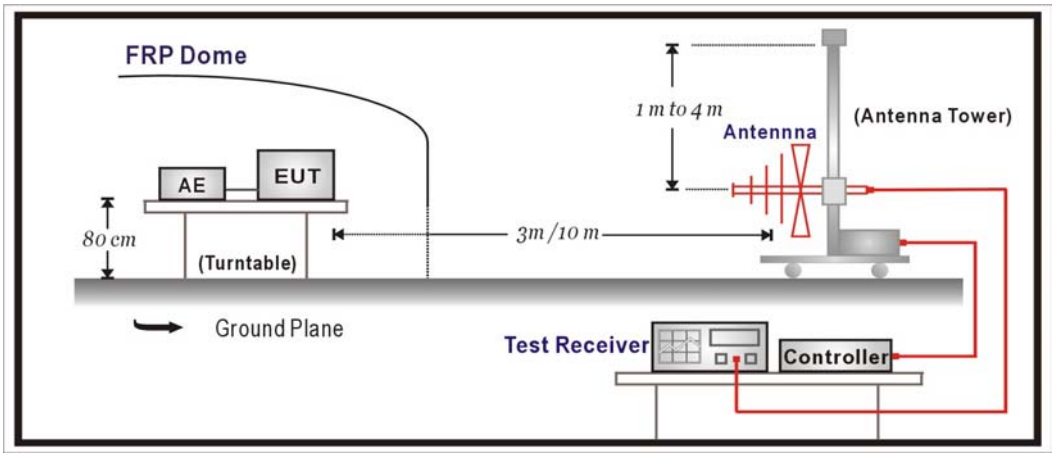
The following test equipment are used during the test:

Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 825442/017	Jan., 2007
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., 2006
5	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2006
6	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2006
7	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Jul., 2006
8	No.1 OATS				Sep., 2006

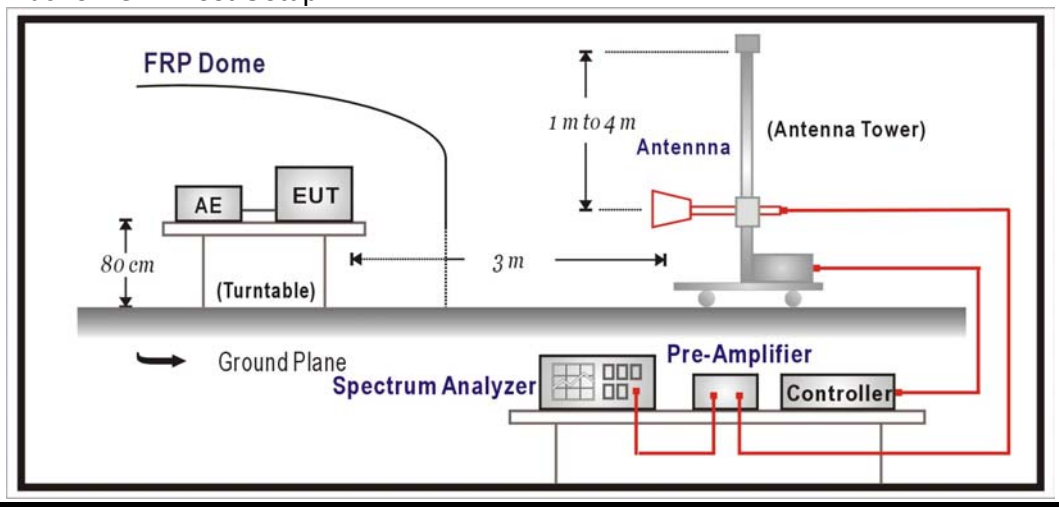
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. “N/A” Ca1.Date is used to Pre-test, not final test.

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	uV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

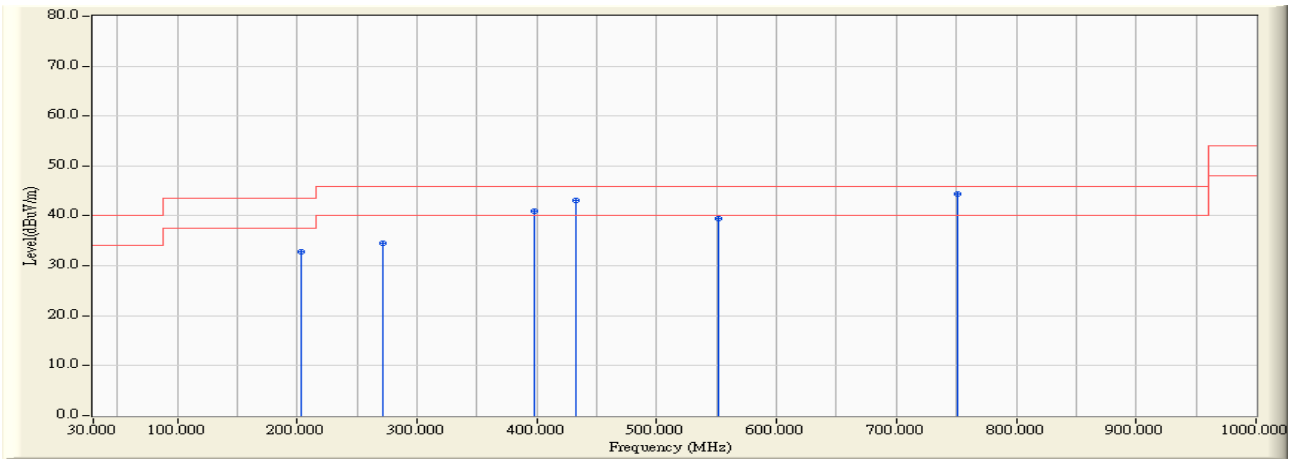
According to FCC Part 15 Subpart C Paragraph 15.247: 2005

4.6. Uncertainty

The measurement uncertainty
30MHz～1GHz as ±3.19dB
1GHz～26.5Ghz as ±3.9dB

4.7. Test Result

Site : Site 1	**Time : 2007/01/22 - 17:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_30-1G(200605) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-B**

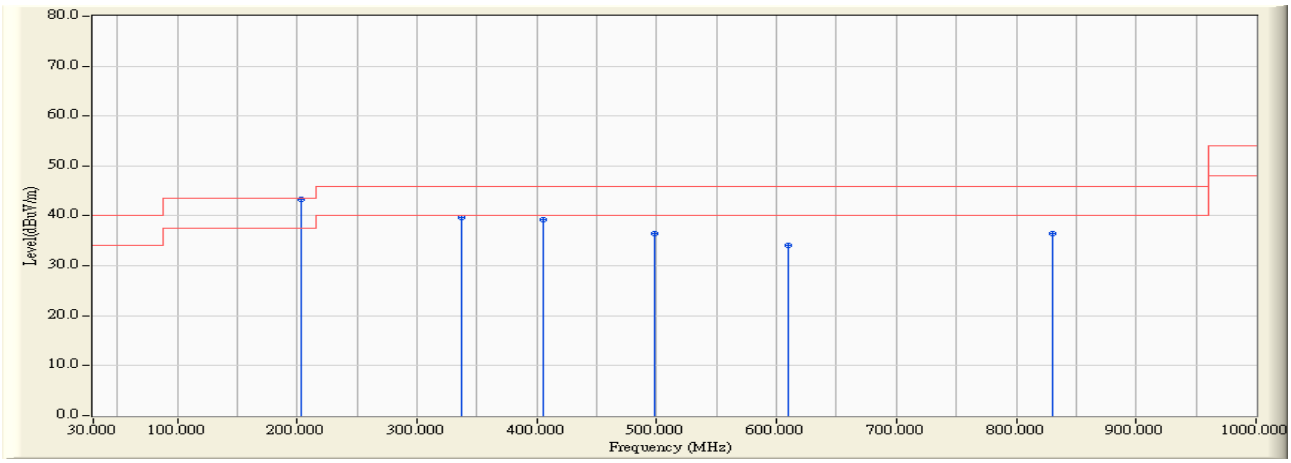


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		203.006	-13.889	46.763	32.874	-10.626	43.500	PEAK	0.000	0.000
2		271.042	-6.940	41.452	34.512	-11.488	46.000	PEAK	0.000	0.000
3		397.395	1.158	39.728	40.886	-5.114	46.000	PEAK	0.000	0.000
4		432.385	1.904	41.200	43.104	-2.896	46.000	PEAK	0.000	0.000
5		550.962	2.748	36.755	39.502	-6.498	46.000	PEAK	0.000	0.000
6	*	751.182	3.516	40.900	44.416	-1.584	46.000	PEAK	0.000	0.000

Note:

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

Site : Site 1	**Time : 2007/01/22 - 17:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_30-1G(200605) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-B**

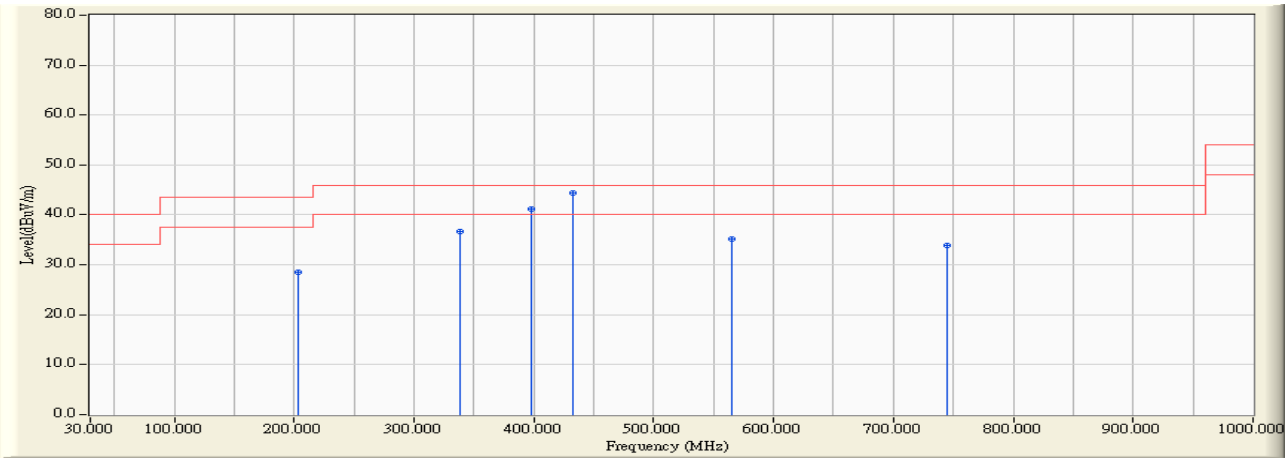


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	203.006	-3.127	46.480	43.353	-0.147	43.500	PEAK	0.000	0.000
2		337.134	-3.745	43.474	39.729	-6.271	46.000	PEAK	0.000	0.000
3		405.170	-0.375	39.531	39.156	-6.844	46.000	PEAK	0.000	0.000
4		498.477	-3.260	39.644	36.384	-9.616	46.000	PEAK	0.000	0.000
5		609.279	0.721	33.438	34.159	-11.841	46.000	PEAK	0.000	0.000
6		830.882	4.936	31.601	36.537	-9.463	46.000	PEAK	0.000	0.000

Note:

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

Site : Site 1	**Time : 2007/01/22 - 17:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_30-1G(200605) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-G**

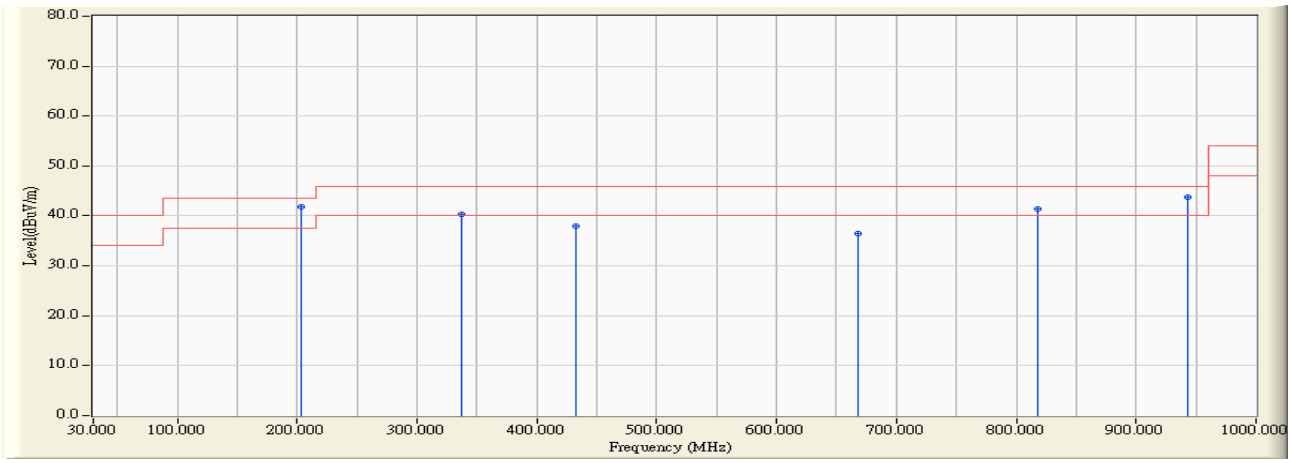


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		203.006	-13.889	42.398	28.509	-14.991	43.500	PEAK	0.000	0.000
2		339.078	-6.068	42.785	36.716	-9.284	46.000	PEAK	0.000	0.000
3		397.395	1.158	40.092	41.250	-4.750	46.000	PEAK	0.000	0.000
4	*	432.385	1.904	42.483	44.387	-1.613	46.000	PEAK	0.000	0.000
5		564.569	4.060	31.135	35.195	-10.805	46.000	PEAK	0.000	0.000
6		745.351	4.188	29.697	33.885	-12.115	46.000	PEAK	0.000	0.000

Note:

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

Site : Site 1	**Time : 2007/01/22 - 17:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_30-1G(200605) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-G**

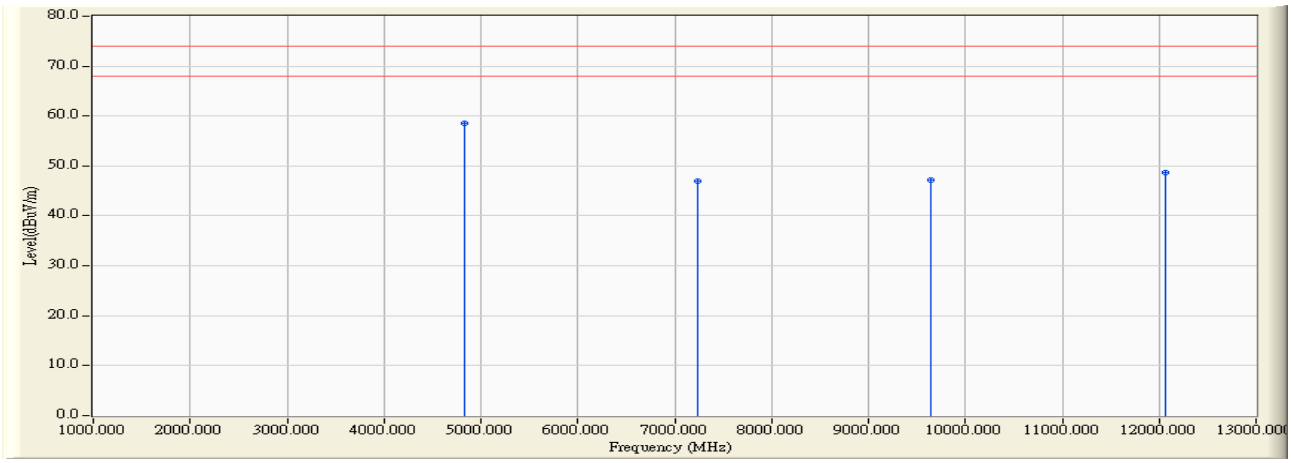


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	203.006	-3.127	44.969	41.842	-1.658	43.500	PEAK	0.000	0.000
2		337.134	-3.745	44.034	40.289	-5.711	46.000	PEAK	0.000	0.000
3		432.385	-5.367	43.342	37.974	-8.026	46.000	PEAK	0.000	0.000
4		667.595	-2.666	39.166	36.500	-9.500	46.000	PEAK	0.000	0.000
5		817.275	4.825	36.612	41.437	-4.563	46.000	PEAK	0.000	0.000
6		943.627	8.491	35.176	43.668	-2.332	46.000	PEAK	0.000	0.000

Note:

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

Site : Site 1	**Time : 2007/01/08 - 16:49**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : TX-CH1 B**

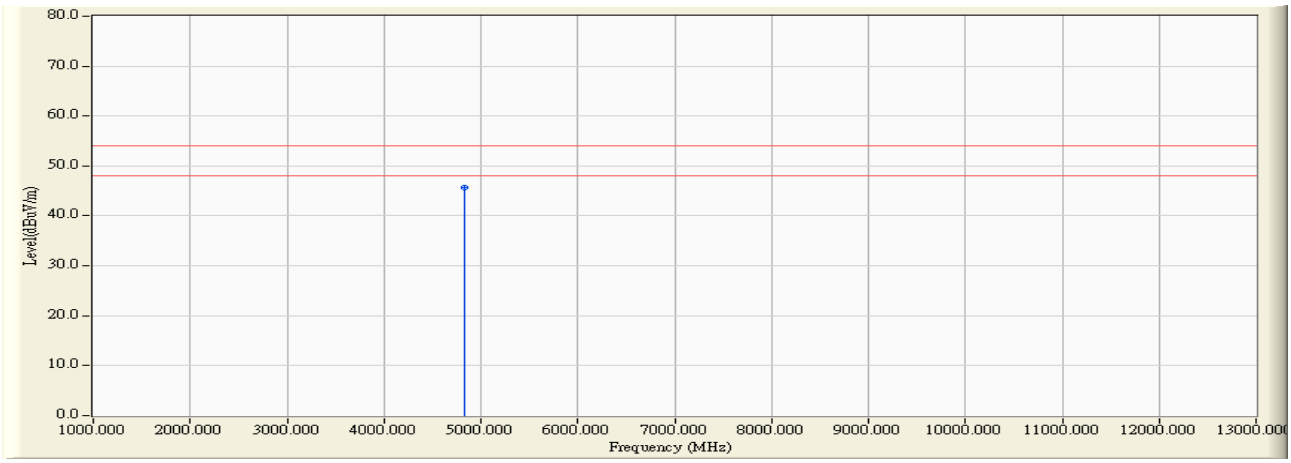


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.200	3.735	54.900	58.634	-15.366	74.000	54.00	PEAK
2		7234.600	8.725	38.260	46.985	-27.015	74.000	54.00	PEAK
3		9648.600	12.707	34.510	47.217	-26.783	74.000	54.00	PEAK
4		12061.002	15.141	33.510	48.652	-25.348	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/08 - 16:49**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : TX-CH1 B**

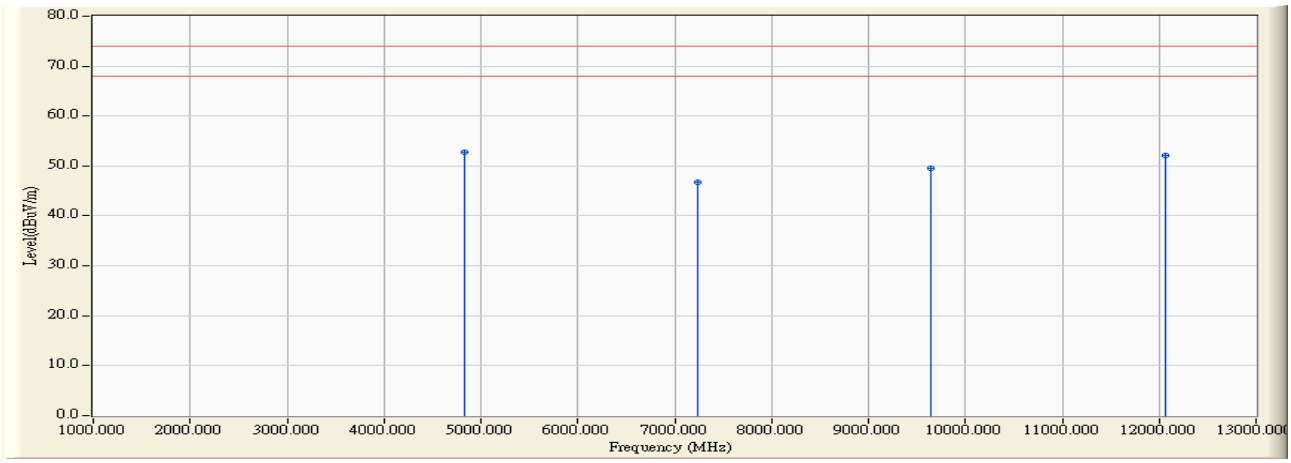


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.200	3.735	41.910	45.644	-8.356	74.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/08 - 16:37**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V/60Hz	**Note : TX-CH1 B**

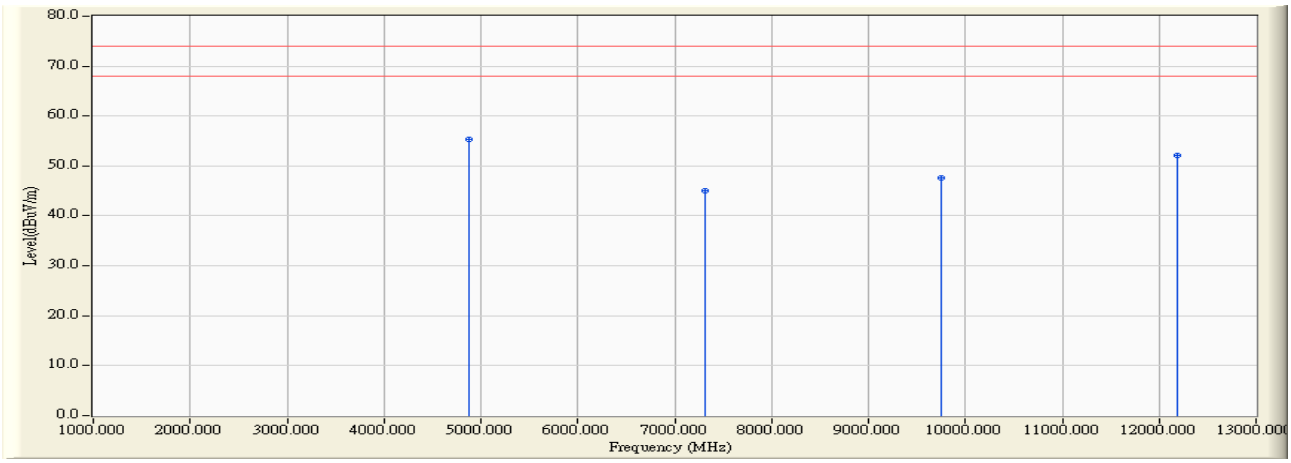


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.200	1.983	50.830	52.813	-21.187	74.000	54.00	PEAK
2		7237.800	8.729	38.030	46.759	-27.241	74.000	54.00	PEAK
3		9648.600	14.707	34.890	49.597	-24.403	74.000	54.00	PEAK
4		12063.400	17.266	34.870	52.136	-21.864	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 10:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-B**

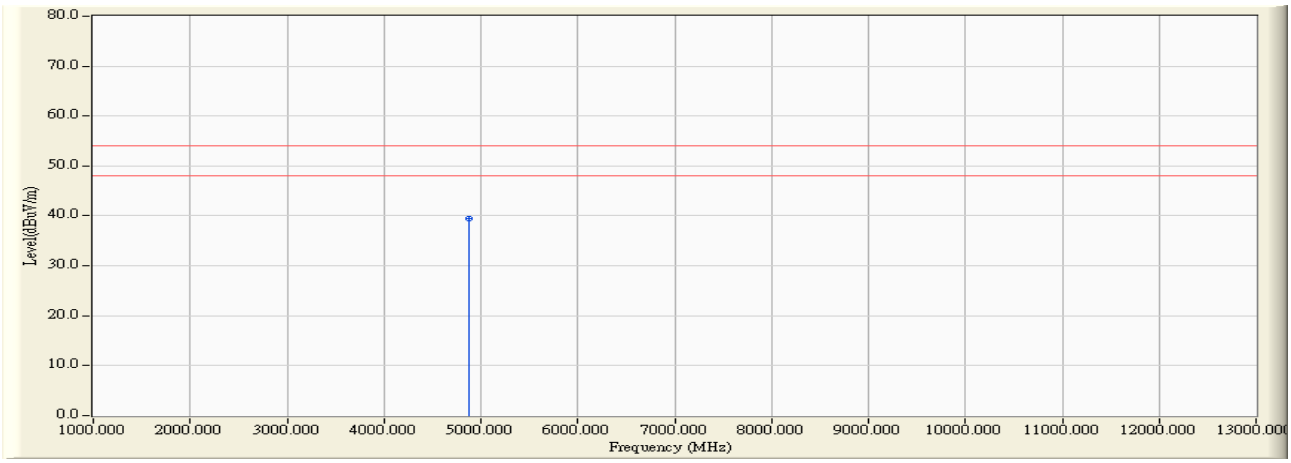


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4874.200	4.089	51.260	55.348	-18.652	74.000	54.00	PEAK
2		7312.400	8.846	36.190	45.036	-28.964	74.000	54.00	PEAK
3		9748.600	13.136	34.520	47.656	-26.344	74.000	54.00	PEAK
4		12186.000	19.000	33.040	52.040	-21.960	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:24**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-B**

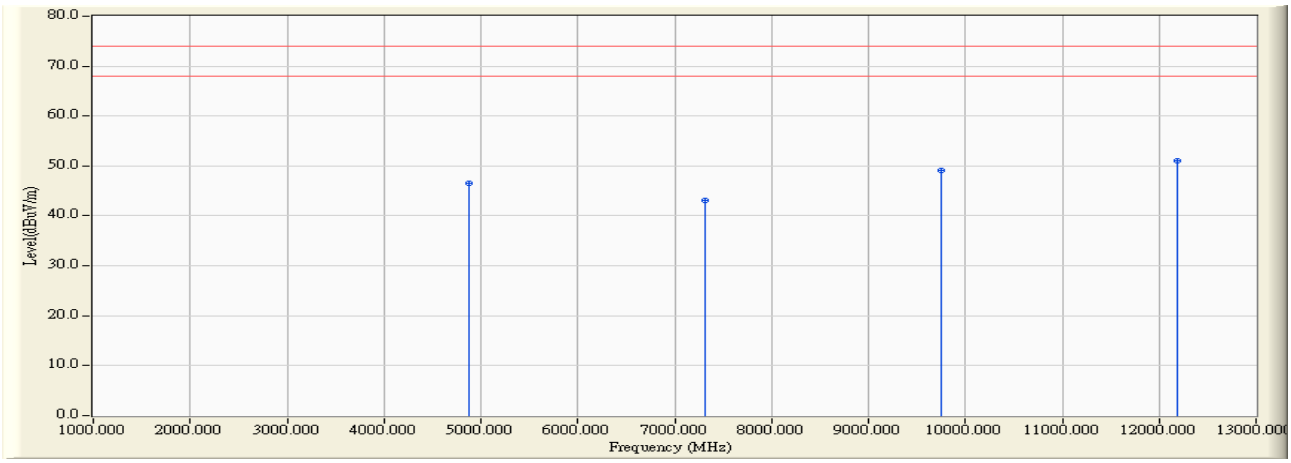


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4874.200	4.089	35.380	39.468	-14.532	74.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-B**

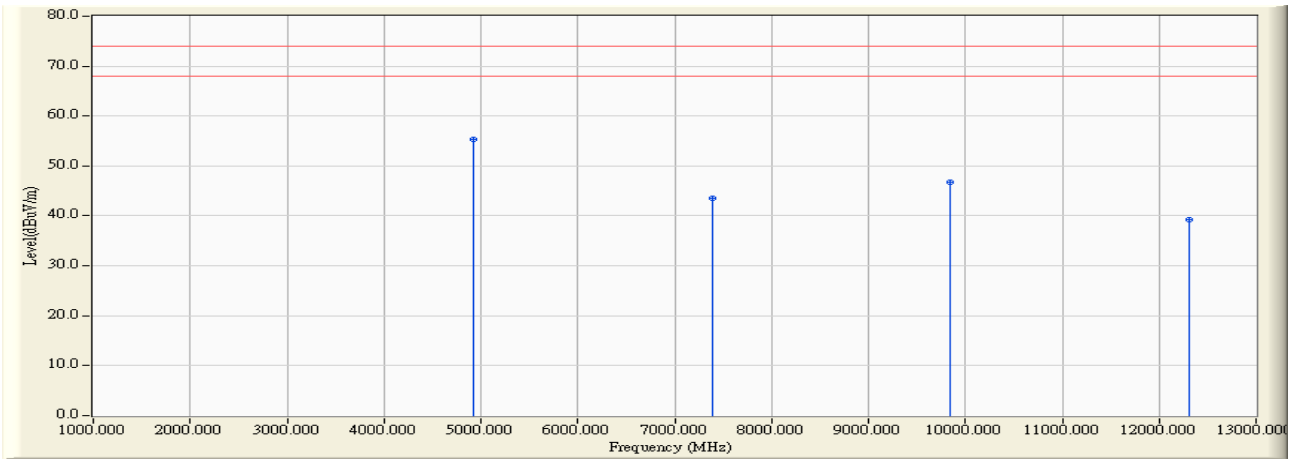


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4873.800	2.432	44.070	46.502	-27.498	74.000	54.00	PEAK
2		7311.200	8.845	34.370	43.215	-30.785	74.000	54.00	PEAK
3		9748.200	15.134	34.020	49.154	-24.846	74.000	54.00	PEAK
4	*	12186.000	19.410	31.600	51.010	-22.990	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:17**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-B**

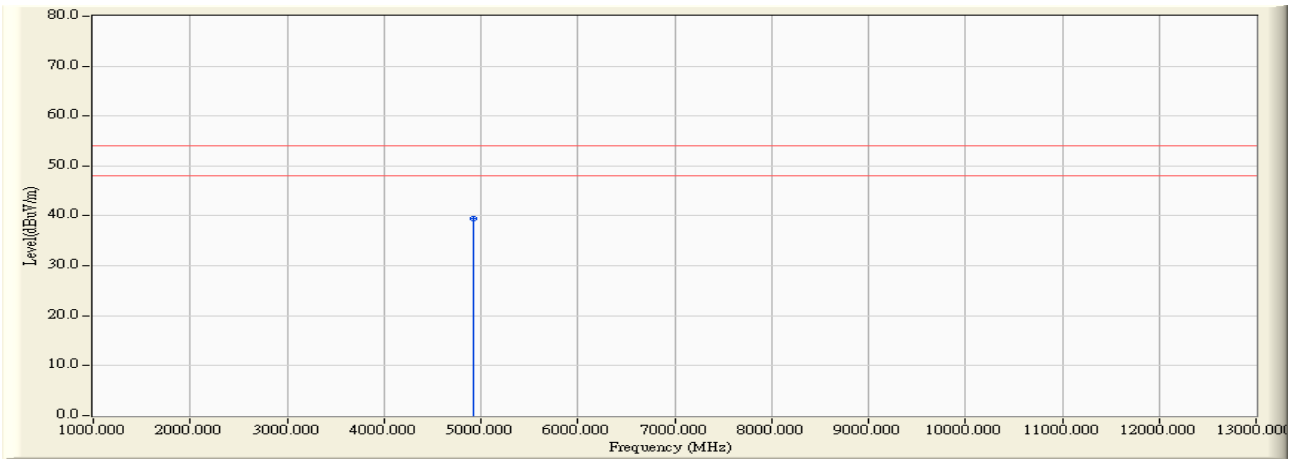


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4924.200	4.381	51.010	55.392	-18.608	74.000	54.00	PEAK
2		7386.600	8.943	34.490	43.434	-30.566	74.000	54.00	PEAK
3		9848.600	13.840	32.870	46.711	-27.289	74.000	54.00	PEAK
4		12310.200	6.465	32.740	39.205	-34.795	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:25**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-B**

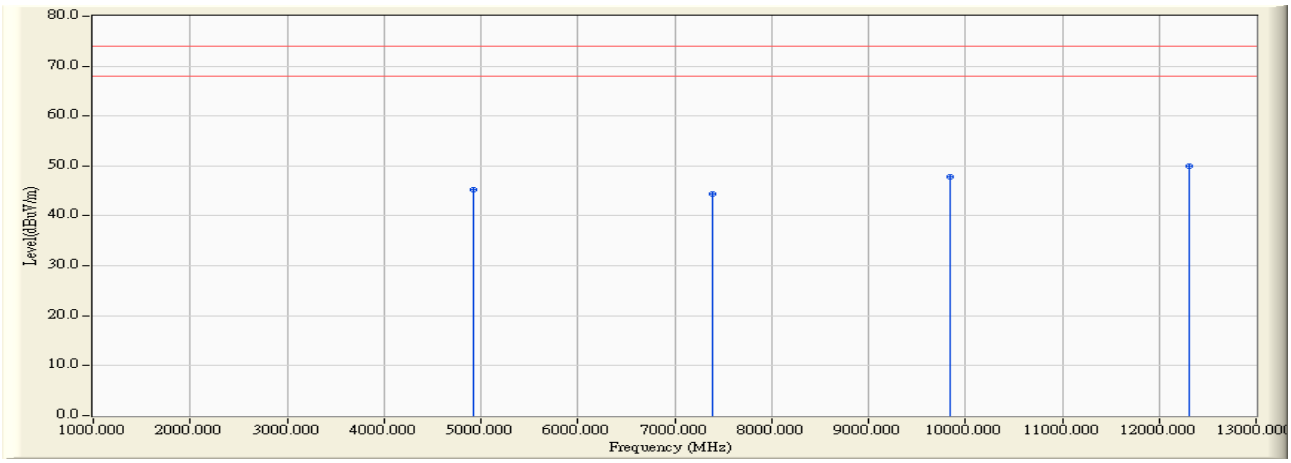


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4924.200	4.381	35.170	39.552	-14.448	74.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:22**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-B**

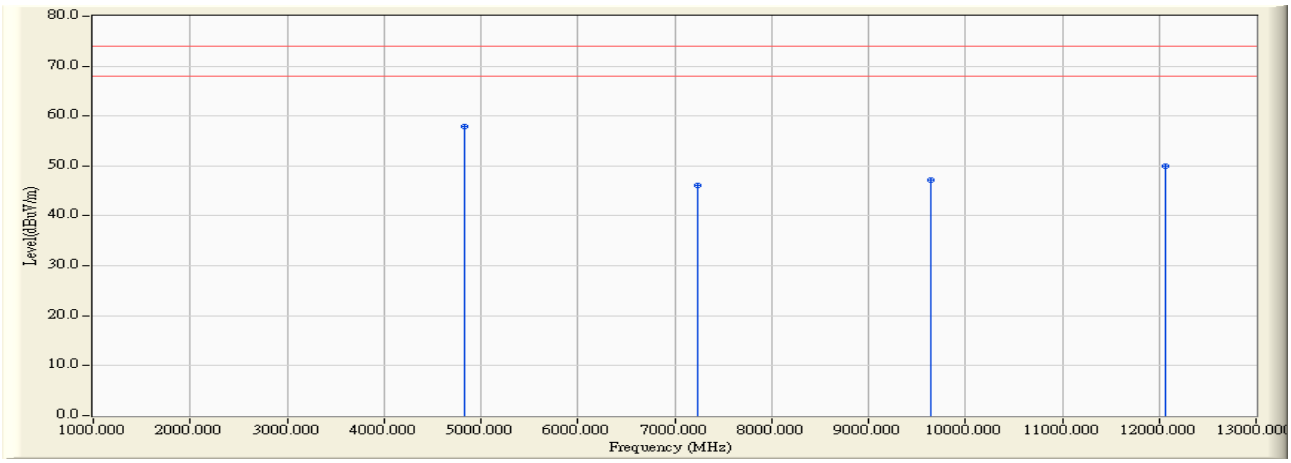


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.800	2.833	42.410	45.243	-28.757	74.000	54.00	PEAK
2		7387.002	8.944	35.530	44.474	-29.526	74.000	54.00	PEAK
3		9849.002	15.354	32.580	47.935	-26.065	74.000	54.00	PEAK
4	*	12310.600	17.892	32.120	50.011	-23.989	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:40**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH1-G**

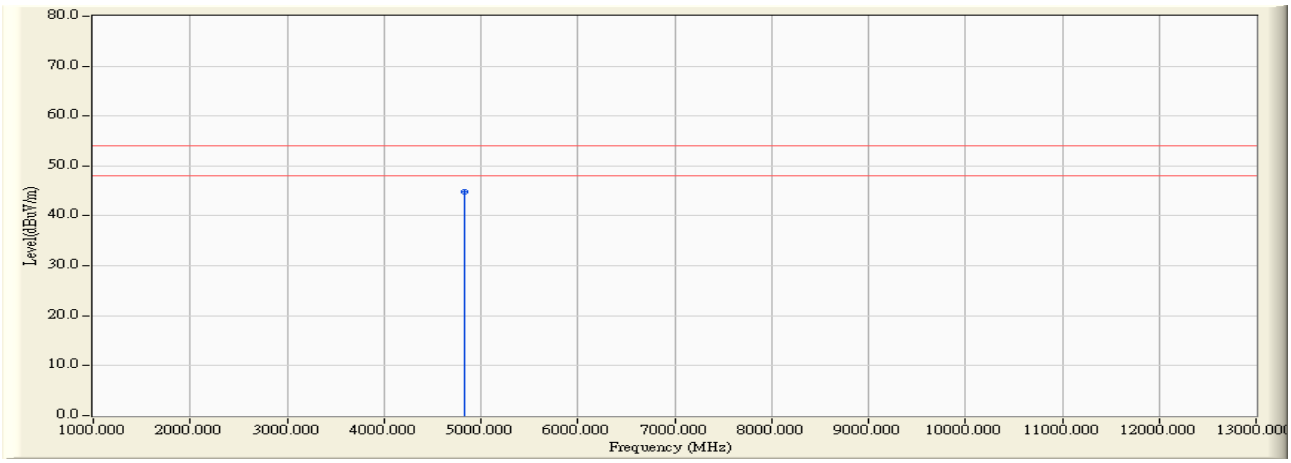


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4825.002	3.740	54.240	57.980	-16.020	74.000	54.00	PEAK
2		7233.400	8.723	37.400	46.123	-27.877	74.000	54.00	PEAK
3		9648.200	12.707	34.480	47.187	-26.813	74.000	54.00	PEAK
4		12060.200	15.074	34.880	49.954	-24.046	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:52**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH1-G**

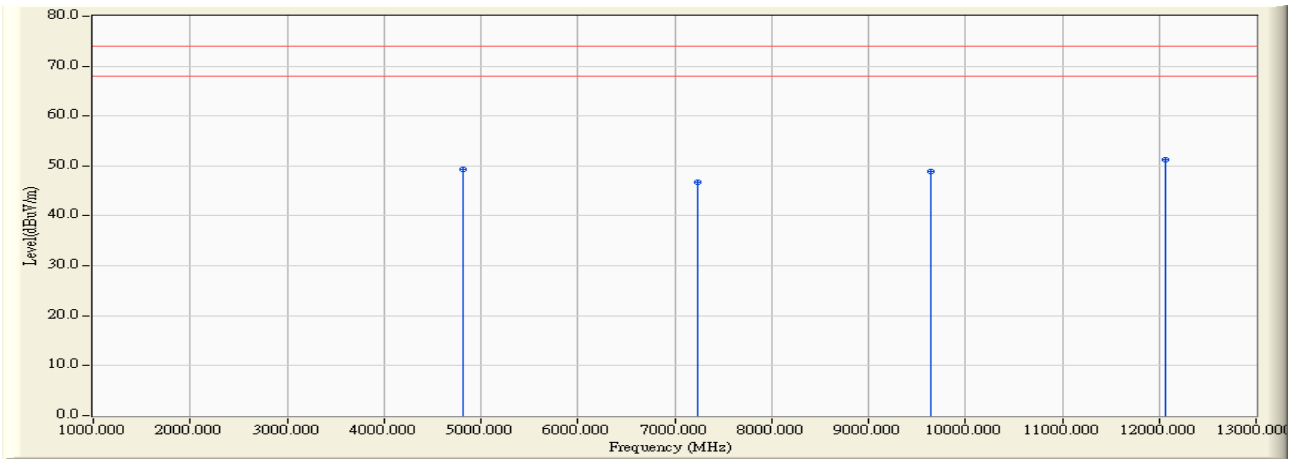


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4825.002	3.740	40.990	44.730	-9.270	74.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 11:50**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH1-G**

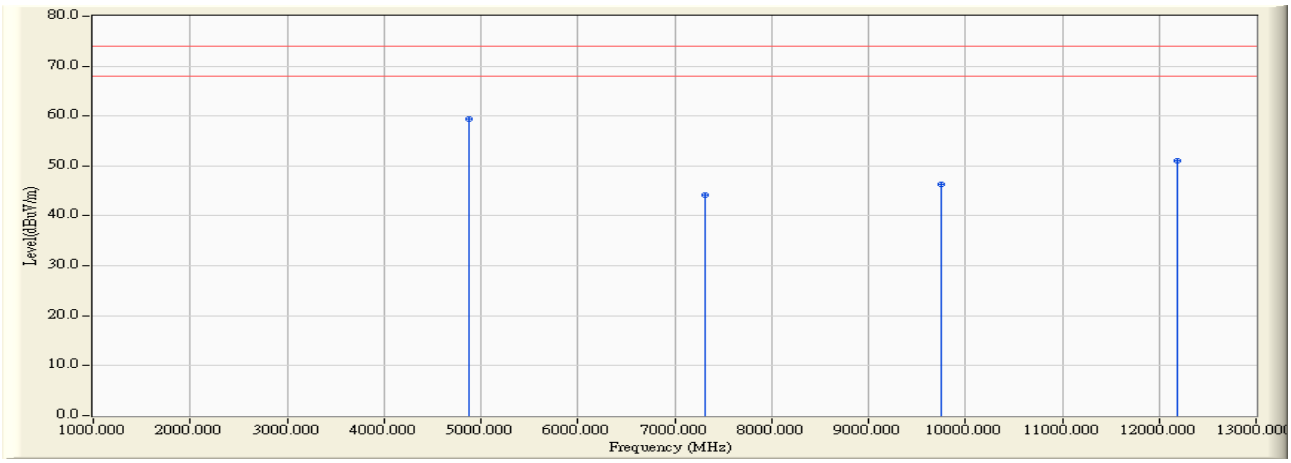


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4822.600	1.970	47.450	49.419	-24.581	74.000	54.00	PEAK
2		7241.400	8.735	38.070	46.804	-27.196	74.000	54.00	PEAK
3		9648.200	14.707	34.150	48.857	-25.143	74.000	54.00	PEAK
4	*	12060.200	17.226	34.040	51.266	-22.734	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-G**

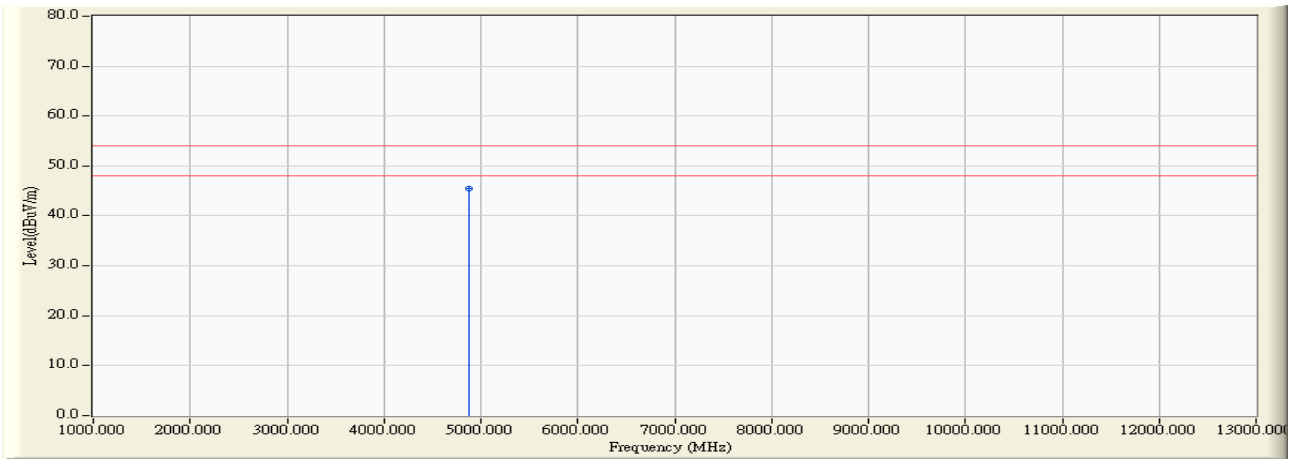


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4875.002	4.093	55.340	59.434	-14.566	74.000	54.00	PEAK
2		7311.600	8.845	35.400	44.245	-29.755	74.000	54.00	PEAK
3		9748.200	13.134	33.290	46.424	-27.576	74.000	54.00	PEAK
4		12185.600	18.999	32.140	51.139	-22.861	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:24**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-G**

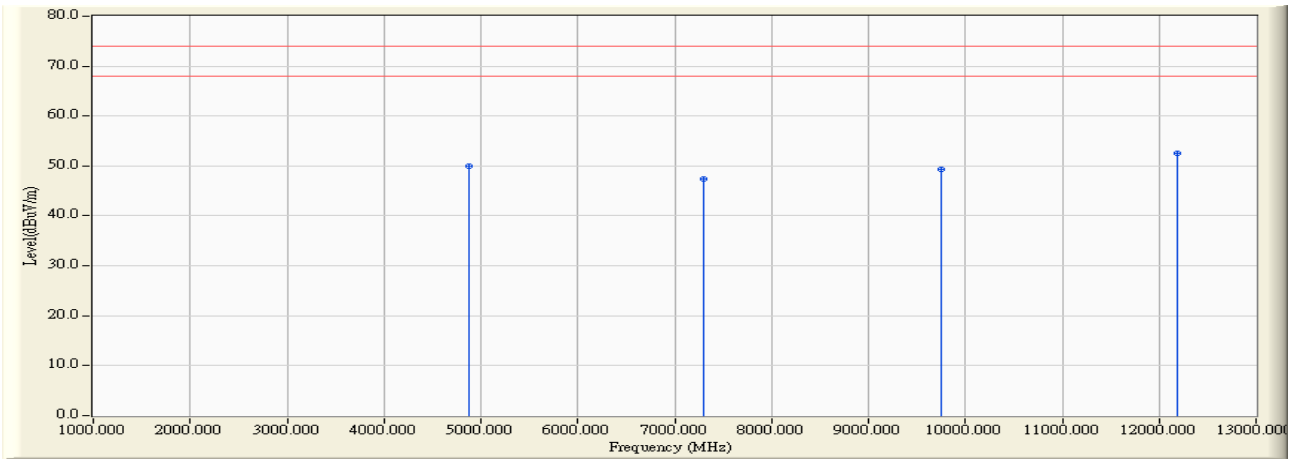


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4875.002	4.093	41.290	45.384	-8.616	74.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:23**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH6-G**

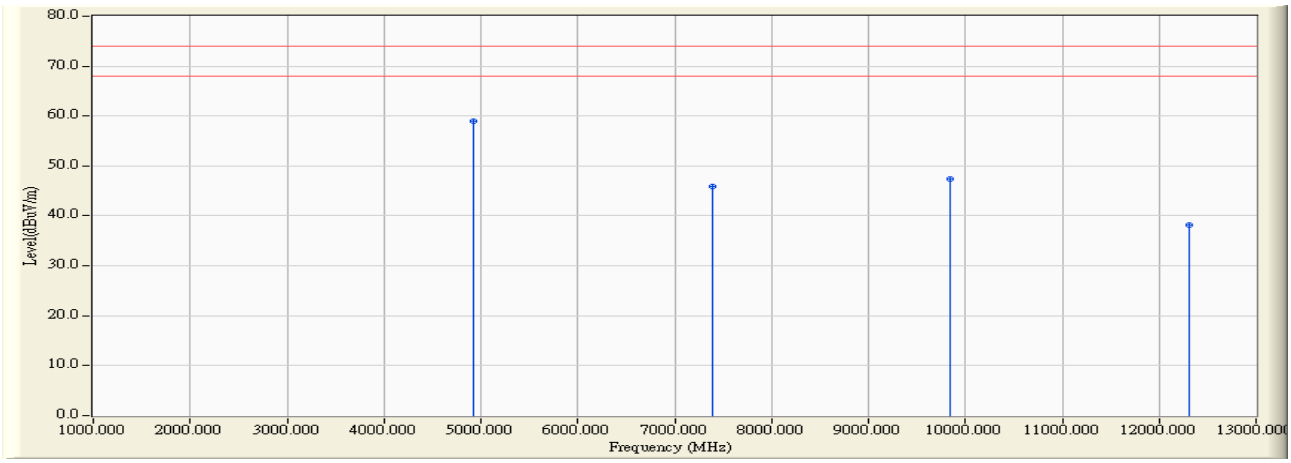


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4870.200	2.403	47.610	50.012	-23.988	74.000	54.00	PEAK
2		7304.800	8.836	38.630	47.466	-26.534	74.000	54.00	PEAK
3		9748.200	15.134	34.090	49.224	-24.776	74.000	54.00	PEAK
4	*	12186.002	19.410	33.050	52.460	-21.540	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:45**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-G**

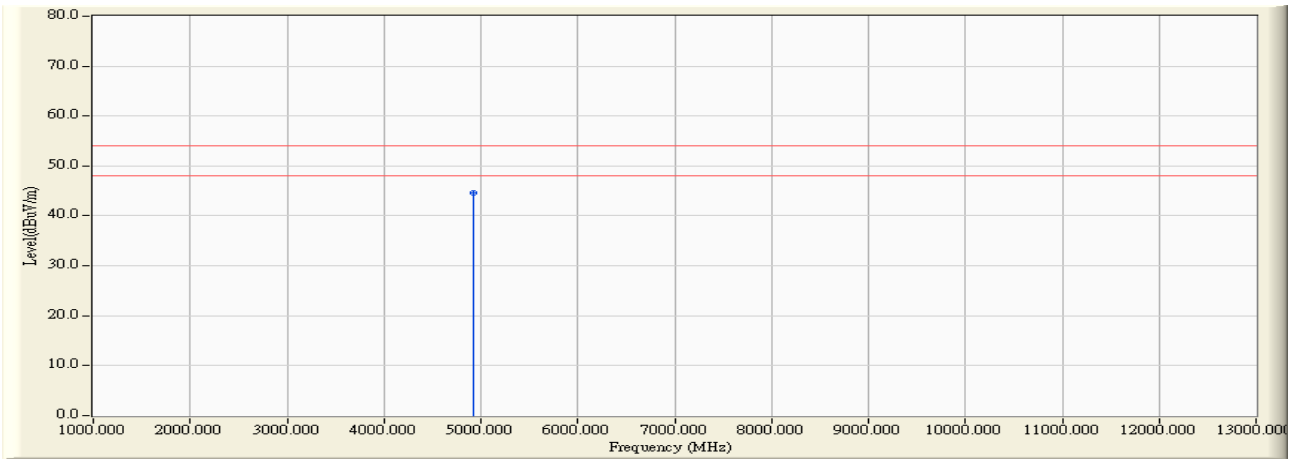


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4920.200	4.370	54.680	59.050	-14.950	74.000	54.00	PEAK
2		7386.600	8.943	37.050	45.994	-28.006	74.000	54.00	PEAK
3		9849.002	13.844	33.490	47.335	-26.665	74.000	54.00	PEAK
4		12310.600	6.530	31.580	38.109	-35.891	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:55**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-G**

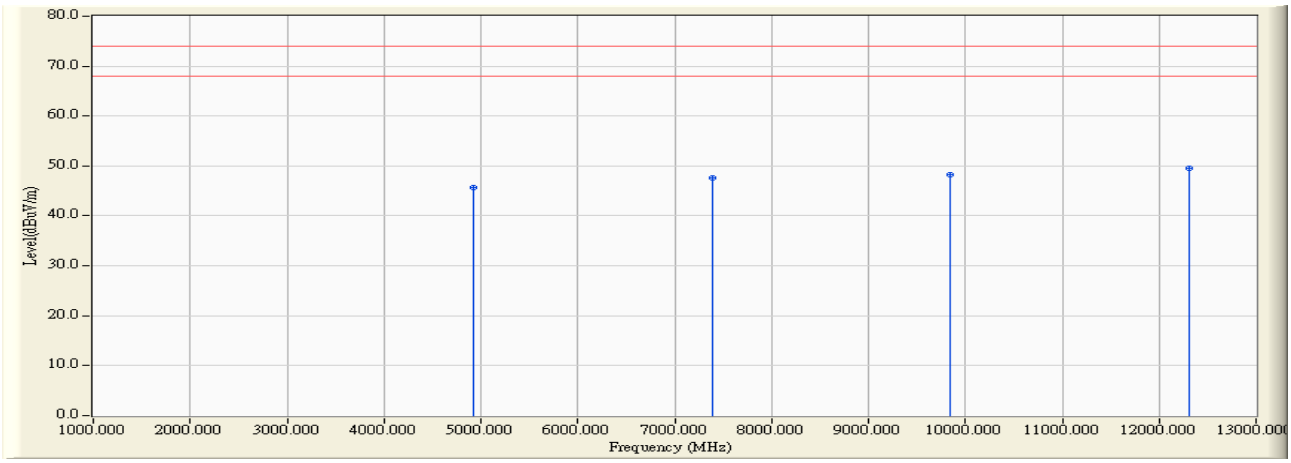


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4920.200	4.370	40.270	44.640	-9.360	54.000	54.00	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	**Time : 2007/01/22 - 13:55**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
EUT : Wireless G USB Adapter	**Probe : FCC_RF_1G-18G(2005-3) - VERTICAL**
Power : AC 120V / 60Hz	**Note : TX-CH11-G**



		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		4922.998	2.829	42.870	45.699	-28.301	74.000	54.00	PEAK
2		7388.200	8.945	38.720	47.666	-26.334	74.000	54.00	PEAK
3		9848.600	15.354	32.890	48.245	-25.755	74.000	54.00	PEAK
4	*	12310.600	17.892	31.590	49.481	-24.519	74.000	54.00	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

5. Band Edge

5.1. Test Equipment

The following test equipment are used during the test:

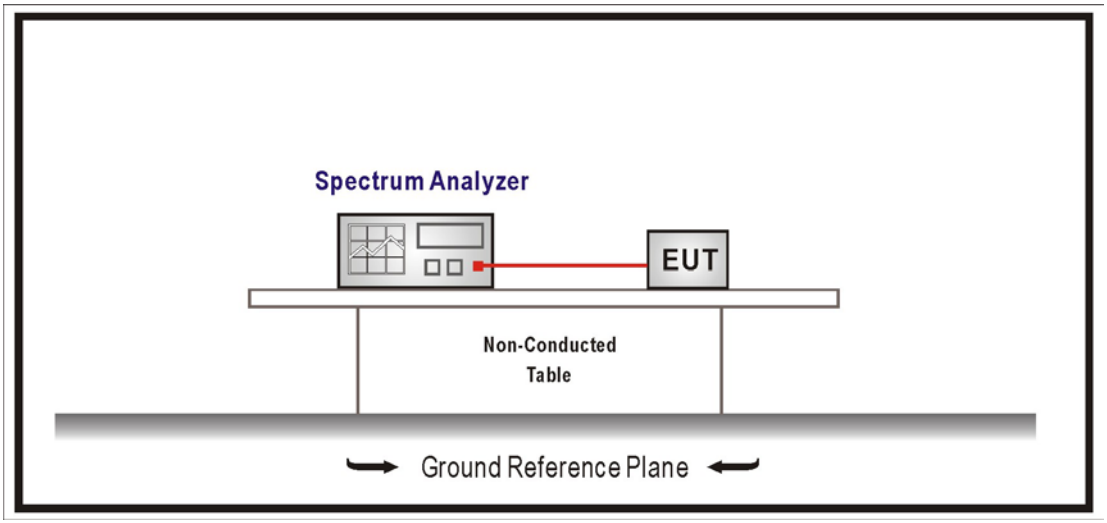
RF Conducted Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer		R & S	FSP / 100561	Mar., 2006
2	No.1 OATS				Sep., 2006
RF Radiated Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2006
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2006
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2006
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2006
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2006
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2006
7	No.1 OATS				Sep., 2006

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

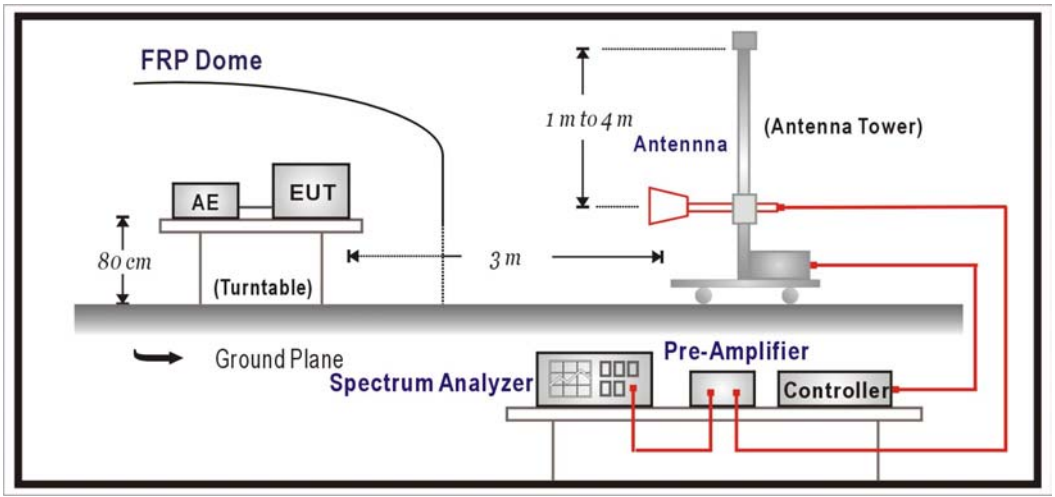
2. Mark “X” test instruments are used to measure the final test results.

5.2. Test Setup

RF Conducted Measurement:



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

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

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

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

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2005

5.6. Uncertainty

The measurement uncertainty

Conducted is defined as ± 1.27dB

Radiated is defined as ± 3.9dB

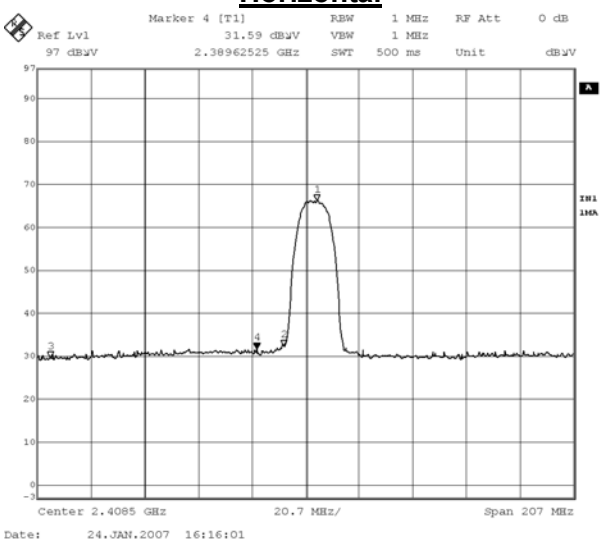
5.7. Test Result

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

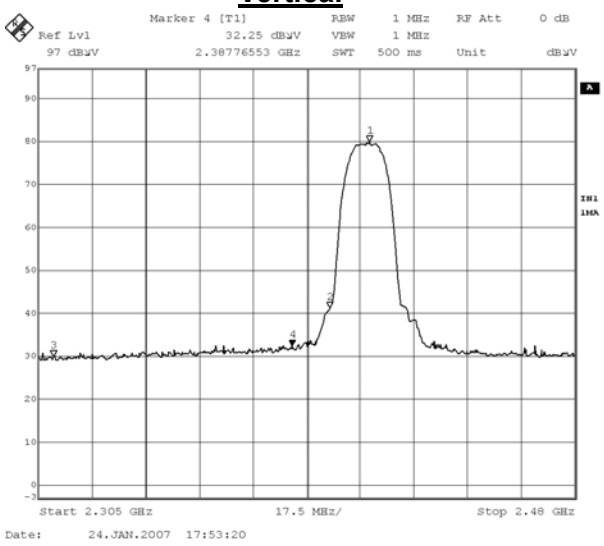
RF Radiated Measurement: (Peak Detector)

IEEE 802.11b								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1(Horizontal)	2389.625	31.590	24.475	4.507	60.572	74	54	Pass
1(Vertical)	2387.770	32.250	22.868	4.506	59.624	74	54	Pass

Horizontal



Vertical



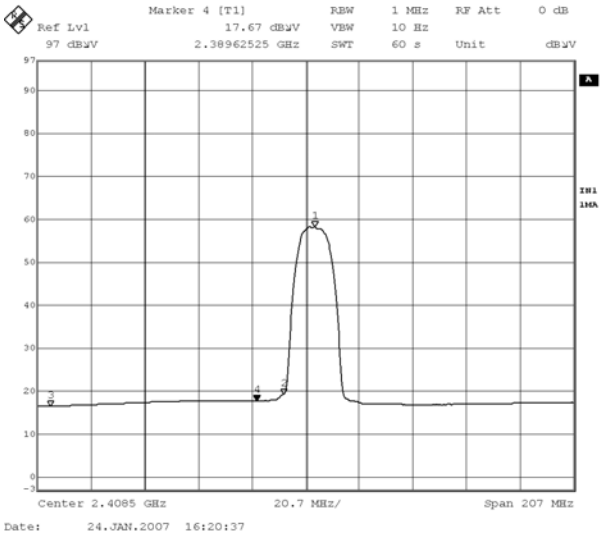
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

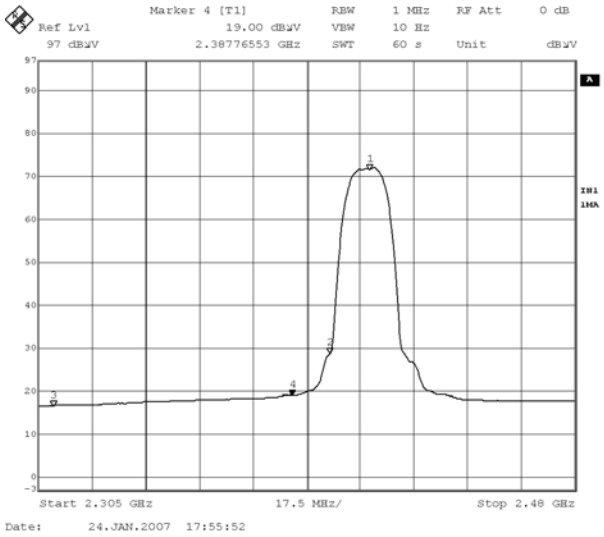
RF Radiated Measurement: (Average Detector)

IEEE 802.11b								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1(Horizontal)	2389.625	17.670	24.475	4.507	46.652	74	54	Pass
1(Vertical)	2387.770	19.000	22.868	4.506	46.374	74	54	Pass

Horizontal



Vertical



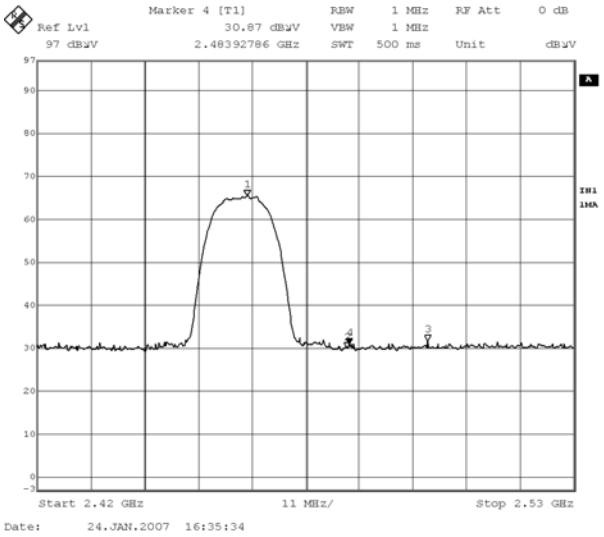
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

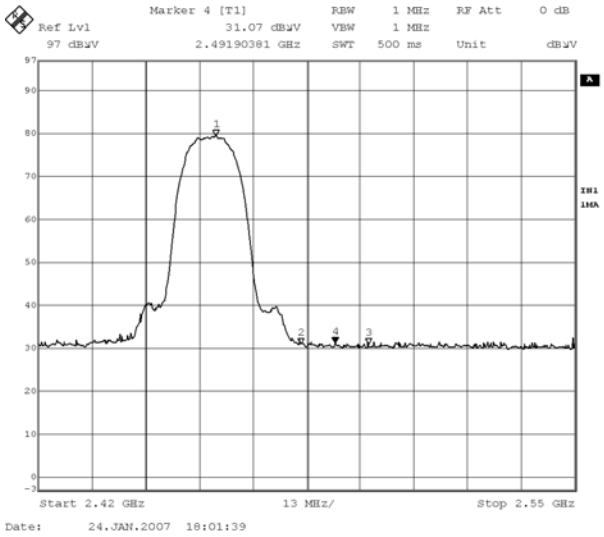
RF Radiated Measurement: (Peak Detector)

IEEE 802.11b								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Horizontal)	2483.930	30.870	24.722	4.573	60.164	74	54	Pass
11(Vertical)	2491.900	31.070	23.140	4.578	58.788	74	54	Pass

Horizontal



Vertical



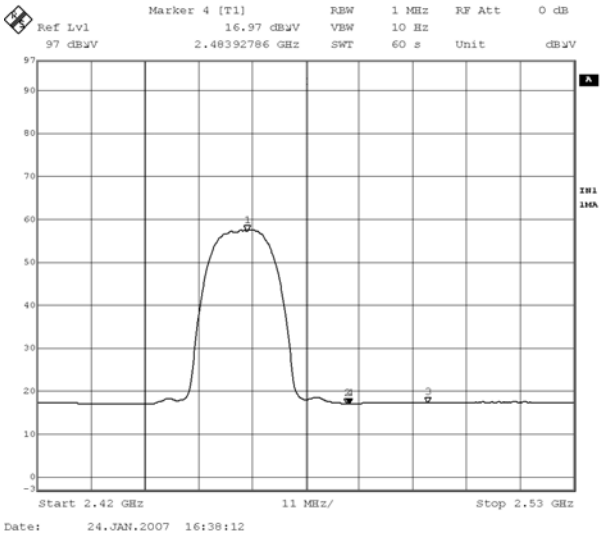
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

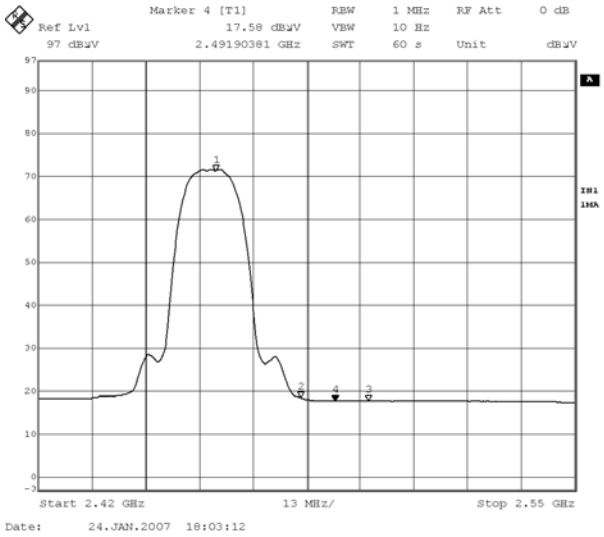
RF Radiated Measurement: (Average Detector)

IEEE 802.11b								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Horizontal)	2483.900	16.970	24.722	4.573	46.264	74	54	Pass
11(Vertical)	2491.900	17.580	23.140	4.578	45.298	74	54	Pass

Horizontal



Vertical



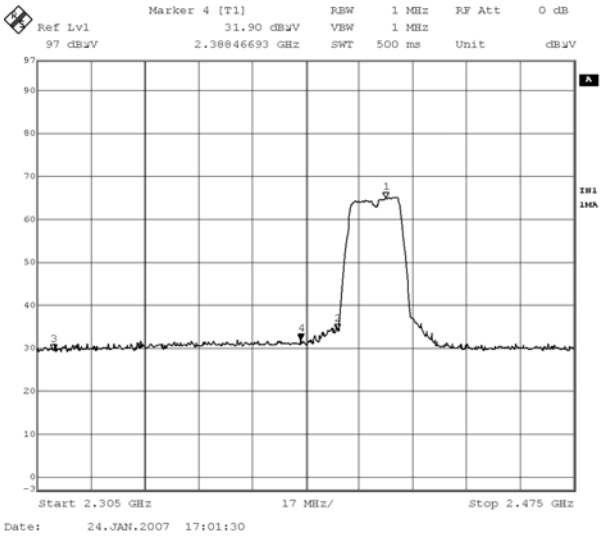
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

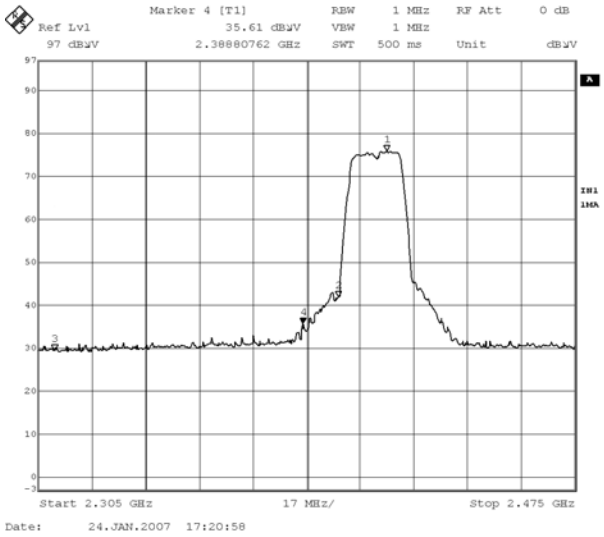
RF Radiated Measurement: (Peak Detector)

IEEE 802.11g								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1(Horizontal)	2388.470	31.900	24.470	4.507	60.874	74	54	Pass
1(Vertical)	2388.800	35.610	22.872	4.507	62.989	74	54	Pass

Horizontal



Vertical



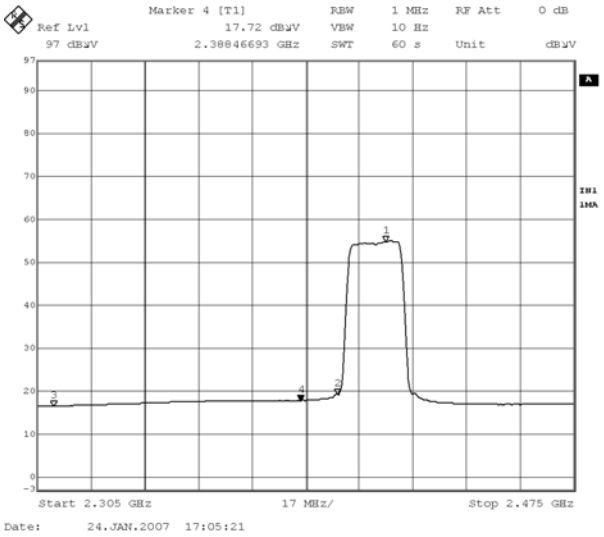
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

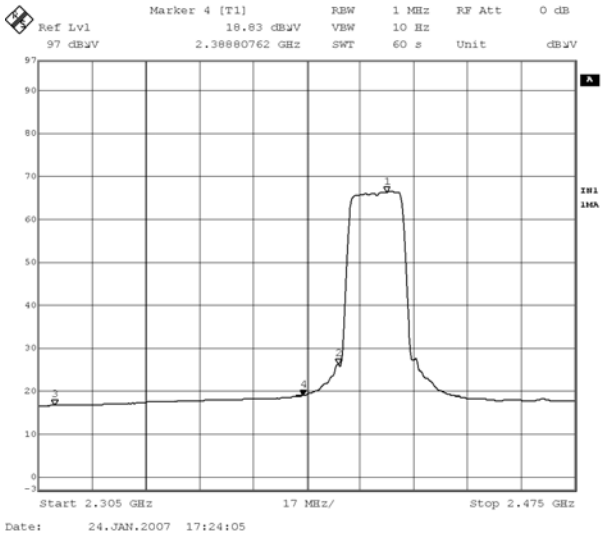
RF Radiated Measurement: (Average Detector)

IEEE 802.11g								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1(Horizontal)	2388.470	17.720	24.470	4.507	46.697	74	54	Pass
1(Vertical)	2388.800	18.83	22.872	4.507	46.209	74	54	Pass

Horizontal



Vertical



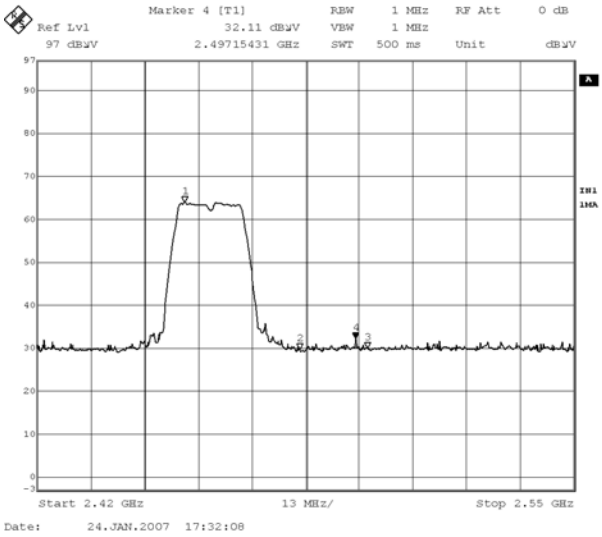
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

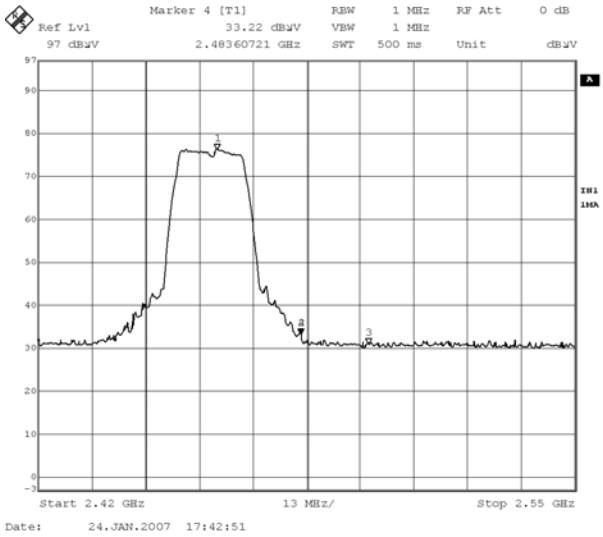
RF Radiated Measurement: (Peak Detector)

IEEE 802.11g								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Horizontal)	2497.150	32.110	24.753	4.581	61.444	74	54	Pass
11(Vertical)	2483.600	33.220	23.121	4.573	60.914	74	54	Pass

Horizontal



Vertical



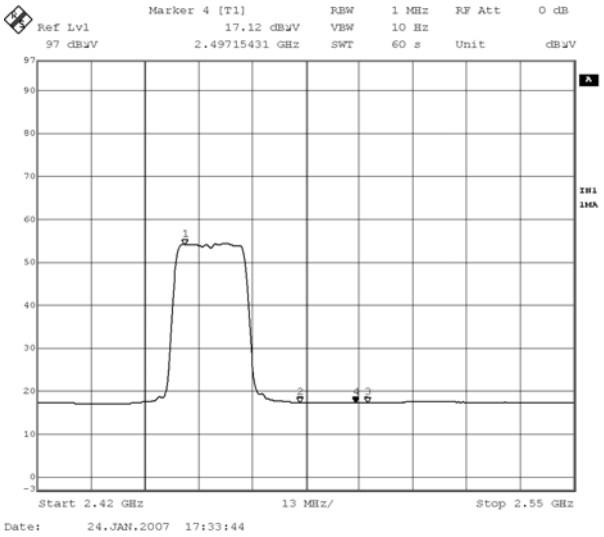
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Wireless G USB Adapter		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/24	Test Site	No.1 OATS

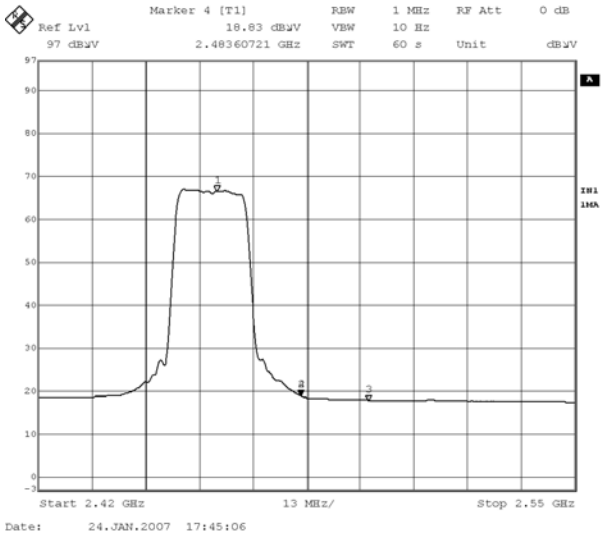
RF Radiated Measurement: (Average Detector)

IEEE 802.11g								
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Probe Factor (dB/m)	Cable Loss (dB)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Horizontal)	2497.150	17.120	24.753	4.581	46.454	74	54	Pass
11(Vertical)	2483.600	18.830	23.121	4.573	46.524	74	54	Pass

Horizontal



Vertical



Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

6. Occupied Bandwidth

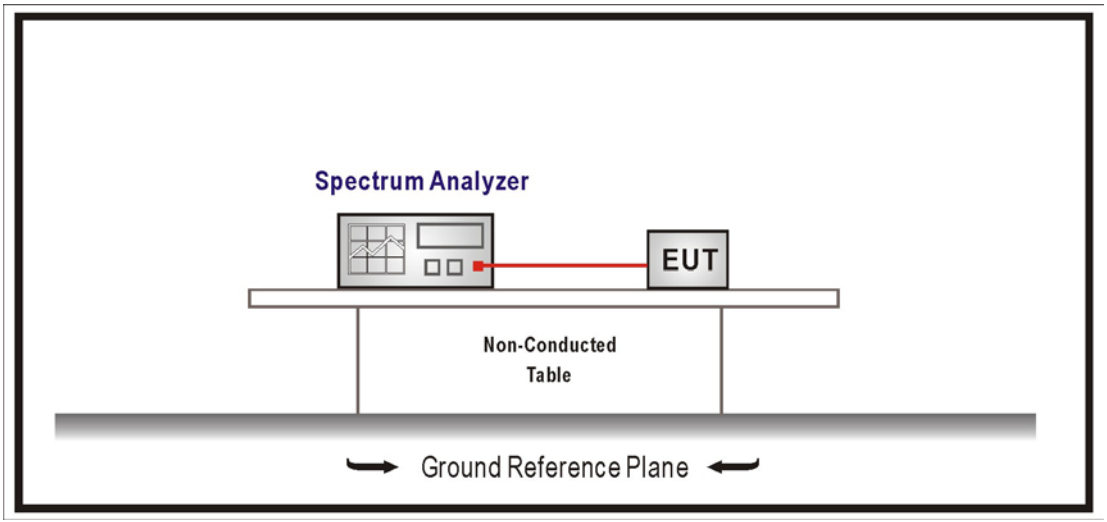
6.1. Test Equipment

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., 2006
2	No.1 OATS			Sep., 2006

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup



6.3. Limits

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.
For frequency hopping systems operating in the 5725-5850 MHz bands. The maximum 20 dB bandwidth of the hopping channel is 1 MHz.
For frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

6.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2005

6.5. Uncertainty

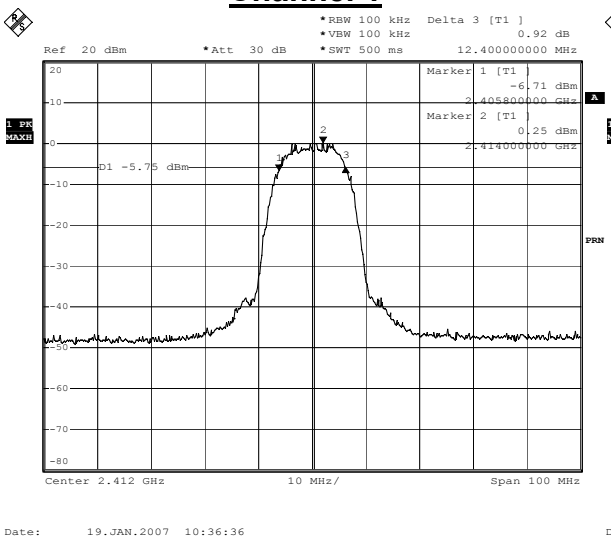
The measurement uncertainty is defined as ±50kHz

6.6. Test Result

Product	Wireless G USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

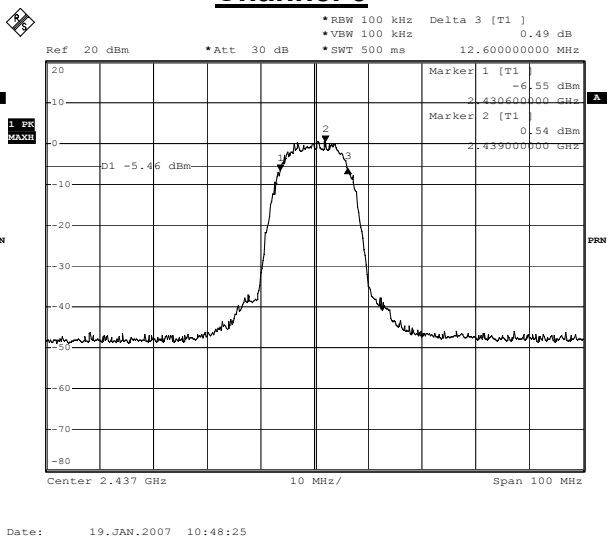
IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Value (kHz)	Limit (kHz)	Result
1	2412	12400	>500	Pass
6	2437	12600	> 500	Pass
11	2462	12600	> 500	Pass

Channel 1



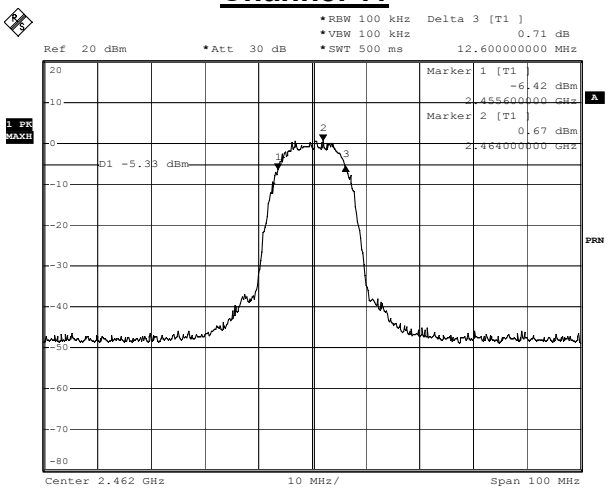
Date: 19.JAN.2007 10:36:36

Channel 6



Date: 19.JAN.2007 10:48:25

Channel 11

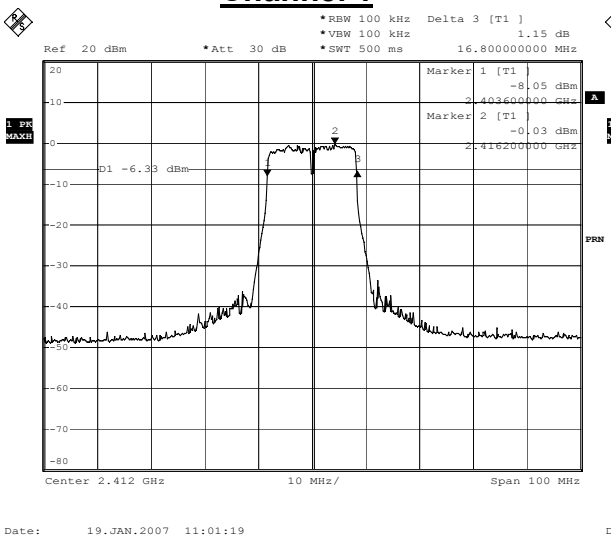


Date: 19.JAN.2007 10:51:17

Product	Wireless G USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

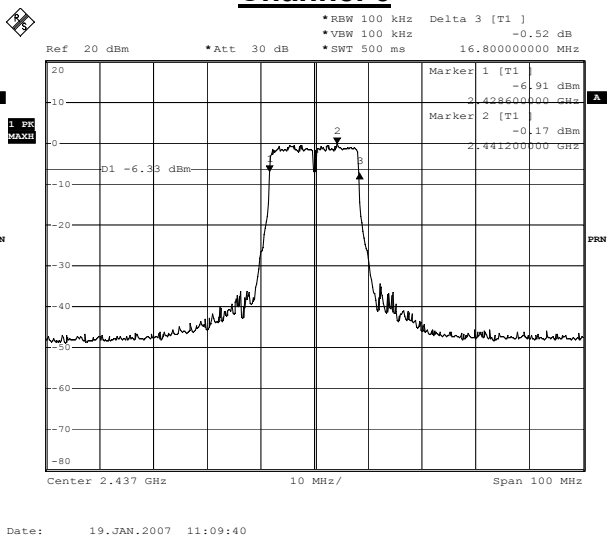
IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Value (kHz)	Limit (kHz)	Result
1	2412	16800	> 500	Pass
6	2437	16800	> 500	Pass
11	2462	16800	> 500	Pass

Channel 1



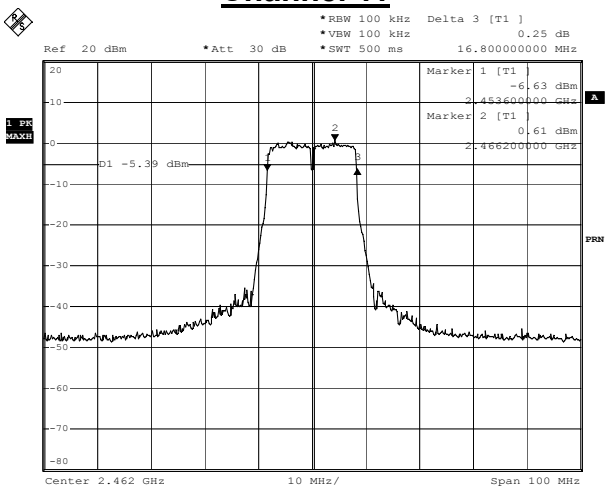
Date: 19.JAN.2007 11:01:19

Channel 6



Date: 19.JAN.2007 11:09:40

Channel 11



Date: 19.JAN.2007 11:26:18

7. Power Density

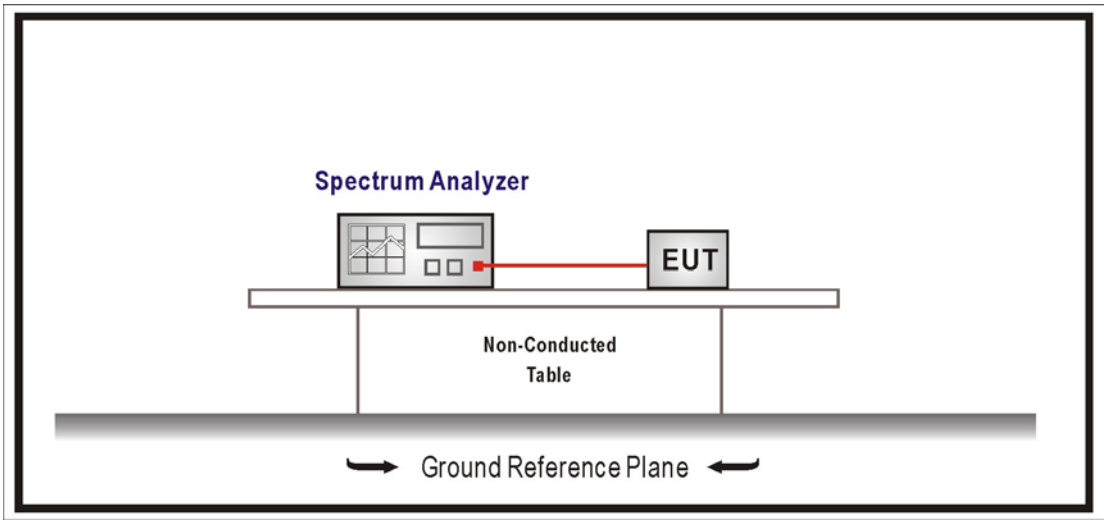
7.1. Test Equipment

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., 2006
2	No.1 OATS			Sep., 2006

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup



7.3. 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.

7.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2005

7.5. Uncertainty

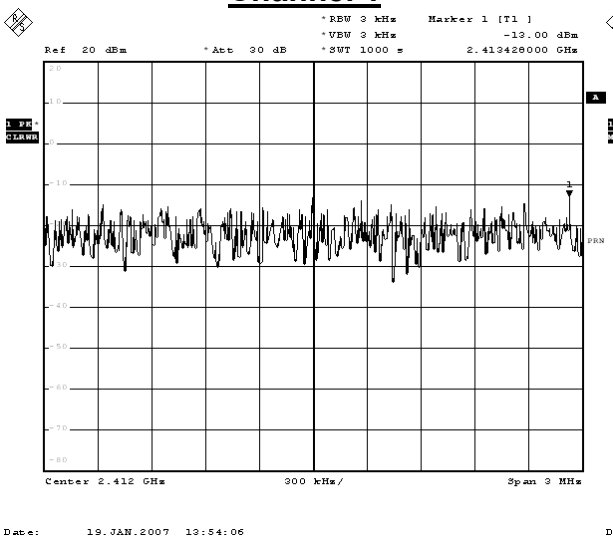
The measurement uncertainty is defined as ±1.27dB.

7.6. Test Result

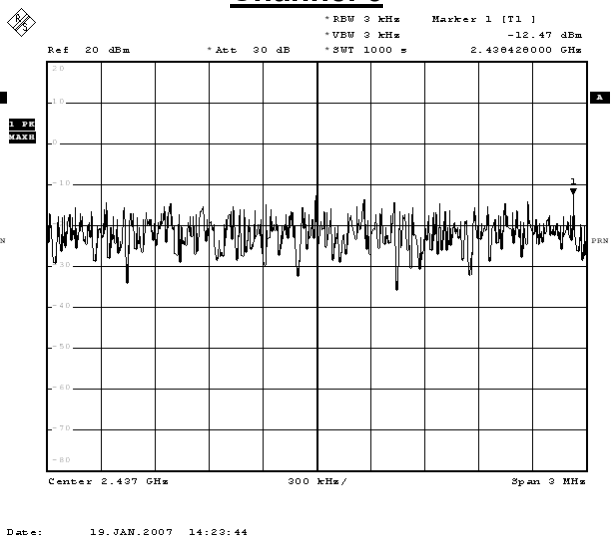
Product	Wireless G USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-13.00	<8	Pass
6	2437	-12.47	<8	Pass
11	2462	-12.20	<8	Pass

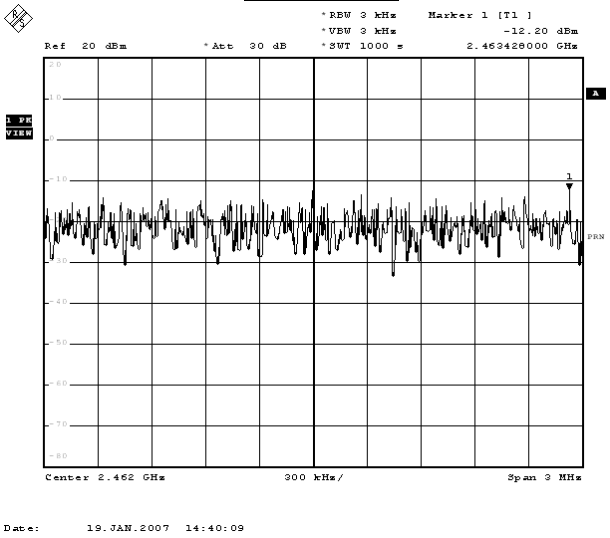
Channel 1



Channel 6



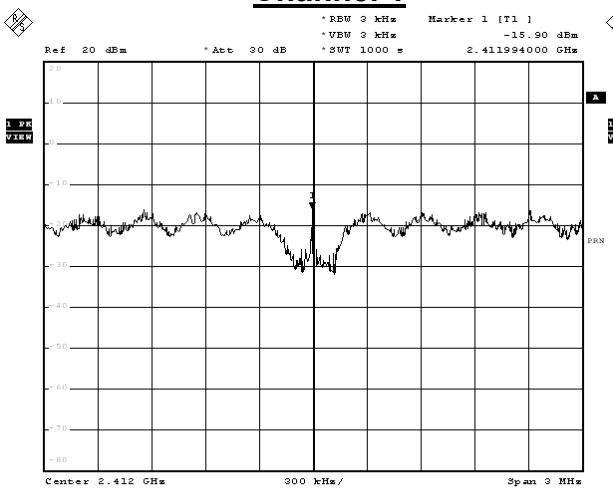
Channel 11



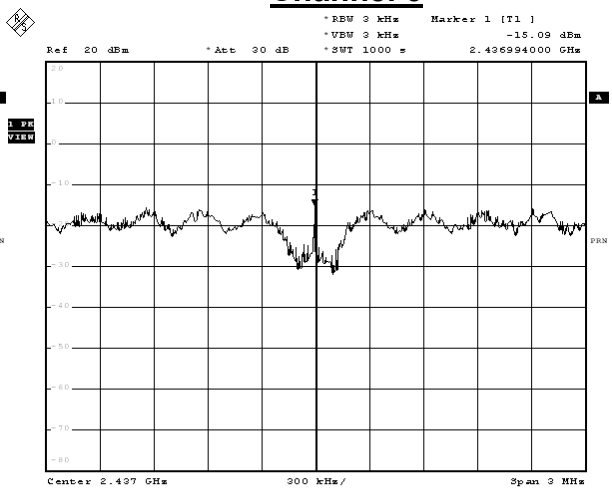
Product	Wireless G USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2007/01/19	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-15.90	<8	Pass
6	2437	-15.09	<8	Pass
11	2462	-15.11	<8	Pass

Channel 1



Channel 6



Channel 11