Test Report

Product Name ： Eee PC

Model No. ： Eee PC 904HA

FCC ID ： MSQEPC904HA

Applicant ： ASUSTEK COMPUTER INC.

Address ： NO.150, Li-Te Dd., Peitou, Taipei, Taiwan, R.O.C.

Date of Receipt ： 2008/09/01

Issued Date ： 2008/09/26

Report No. ： 089S036-RF-US-P05V01

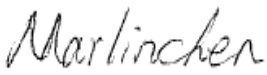
Test Report Certification

Issued Date : 2008/09/26
Report No. : 089S036-RF-US-P05V01

QuieTek

Product Name	:	Eee PC
Applicant	:	ASUSTEK COMPUTER INC.
Address	:	NO.150, Li-Te Dd., Peitou, Taipei, Taiwan, R.O.C.
Manufacturer	:	NorthTec Asia (Shanghai) Limited
Model No.	:	Eee PC 904HA
FCC ID	:	MSQEPC904HA
Rated Voltage	:	AC 120 V / 60 Hz
EUT Voltage	:	AC 100-240 V / 50-60 Hz
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2007
		ANSI C63.4: 2003
Test Result	:	Complied
Performed Location	:	SuZhou EMC laboratory
		No.99 Hongye Rd., Suzhou Industrial Park Loufeng
		Hi-Tech Development Zone., SuZhou, China
		TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098
		FCC Registration Number: 800392

Documented By : 
(Any Liu)

Reviewed By : 
(Marlin Chen)

Approved By : 
(Gene Chang)

Laboratory Information

We , **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited by the following accreditation Bodies in compliance with ISO 17025, EN 45001 and Guide 25:

Taiwan R.O.C.	**:**	**BSMI, DGT, CNLA**
Germany	**:**	**TUV Rheinland**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://tw.quietek.com/modules/myalbum/
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

HsinChu Testing Laboratory :
No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

NVLAP Lab Code : 200347-0
1313

LinKou Testing Laboratory :
No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan, R.O.C.
TEL : +886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

NVLAP Lab Code: 200533-0
0914

Suzhou Testing Laboratory :
No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China
TEL : +86-512-6251-5088 / FAX : 86-512-6251-5098 E-Mail : service@quietek.com

NVLAP Lab Code : 200743-0
1596

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1. General Information

1.1. EUT Description

Product Name	Eee PC
Trade Name	ASUS
Model No.	Eee PC 904HA
FCC ID	MSQEPC904HA
Working Voltage	DC 3.3V
Frequency Range	802.11b/g: 2412 - 2462 MHz
Channel Number	802.11b/g: 11
Type of Modulation	802.11b: DSSS
	802.11g: OFDM
Data Rate	802.11b: 1/2/5.5/11 Mbps
	802.11g: 6/9/12/18/24/36/48/54 Mbps
Channel Control	Auto
Antenna Type	Dipole
Antenna Gain	3.62dBi

802.11b/g Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	N/A	N/A

802.11b/g Antenna List

Antenna	Manufacturer	Model No.	Peak Gain
Combined Antenna	Atheros	AR5BXB63	3.62dBi

1.2. Mode of Operation

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:

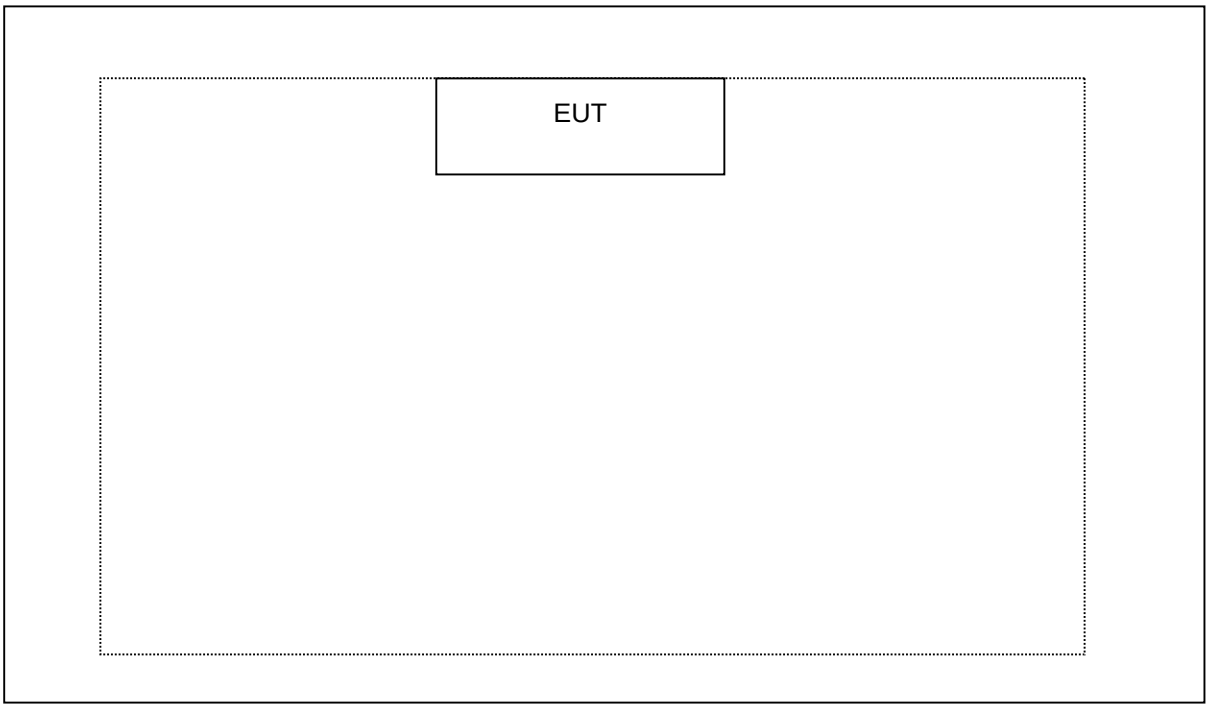
Test Mode
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g

1.3. 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
N/A	N/A	N/A	N/A	N/A	N/A

1.4. Configuration of Tested System

Connection Diagram


Signal Cable Type		Signal cable Description
N/A	N/A	N/A

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above
2	Turn on the power of equipment and run control software “ART_TOOL_ForCP” provided by applicant.
3	Select wireless mode bandwidth and channel for test, click the “start transmit” button.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.209	Yes	No
RF Antenna Conducted Spurious	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 15.247(d)	Yes	No
Operation Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 15.215(c)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(2)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(b)(3)	Yes	No
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(e)	Yes	No

2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

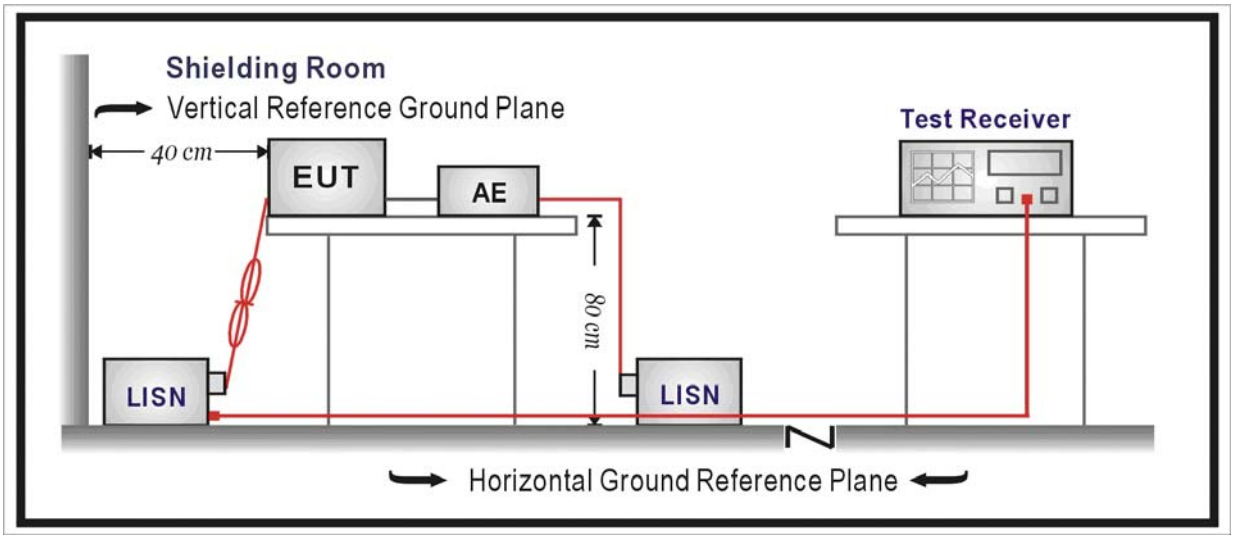
3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100726	2008/02/07
Two-Line V-Network	R&S	ENV216	100013	2007/11/15
Two-Line V-Network	R&S	ENV216	100014	2007/11/15
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2007/11/25
50ohm Termination	SHX	TF2	07081401	2007/10/19
Coaxial Cable	Luthi	RG214	519358	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2008/03/31

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

3.2. Test Setup



3.3. Limit

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

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

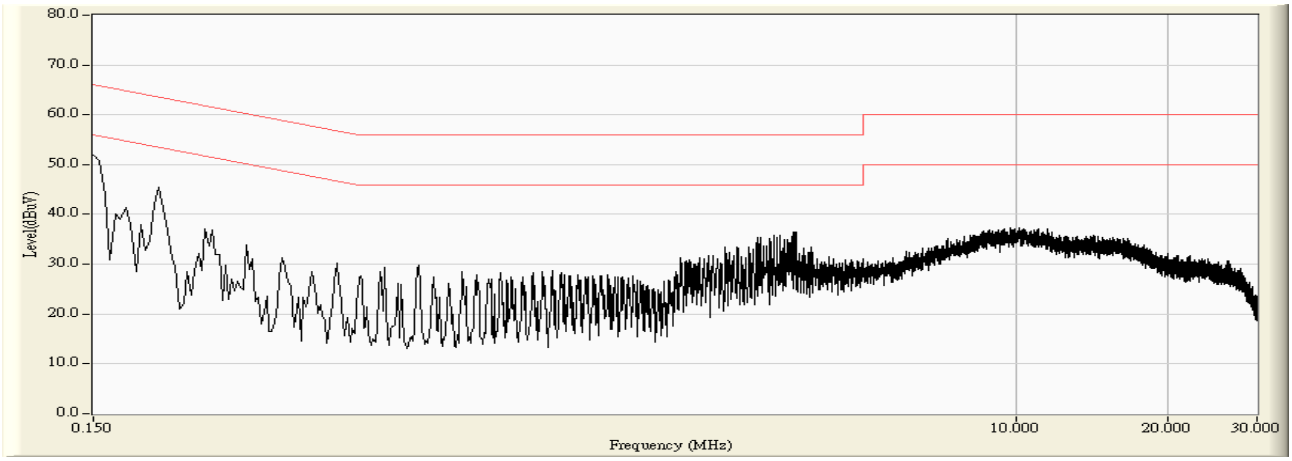
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane 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.

3.5. Uncertainty

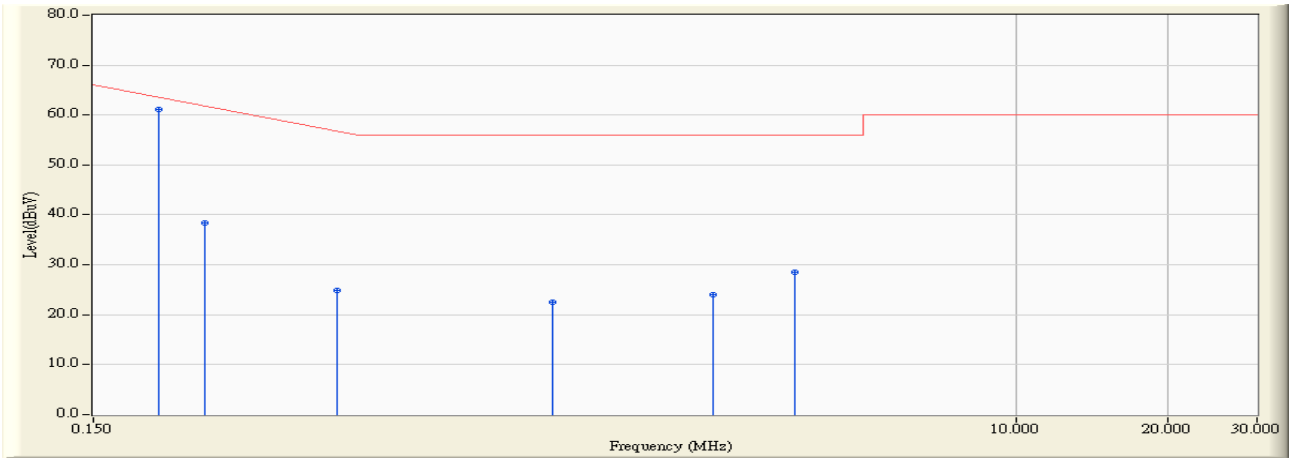
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:48**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**

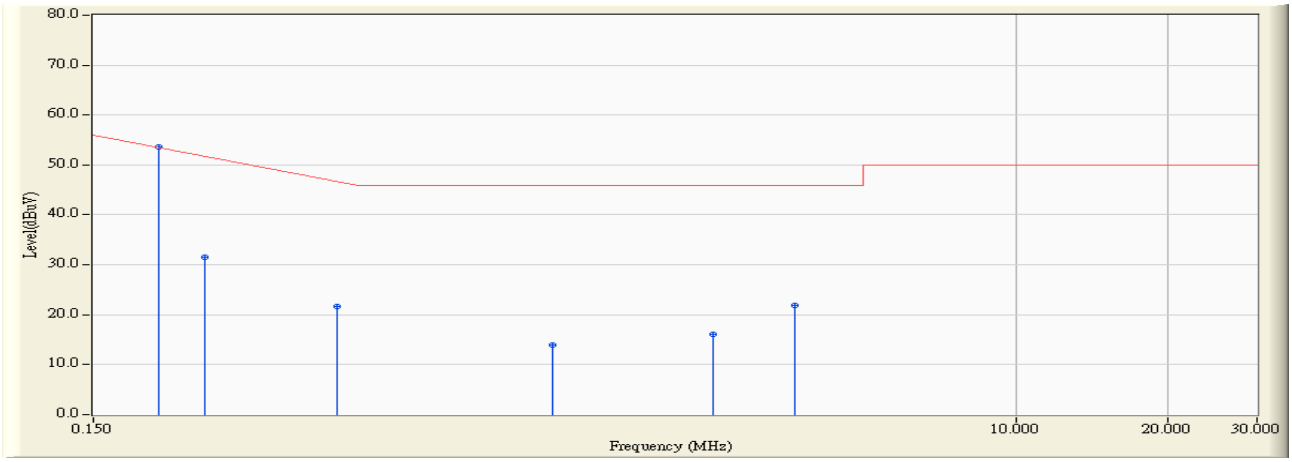


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:52**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



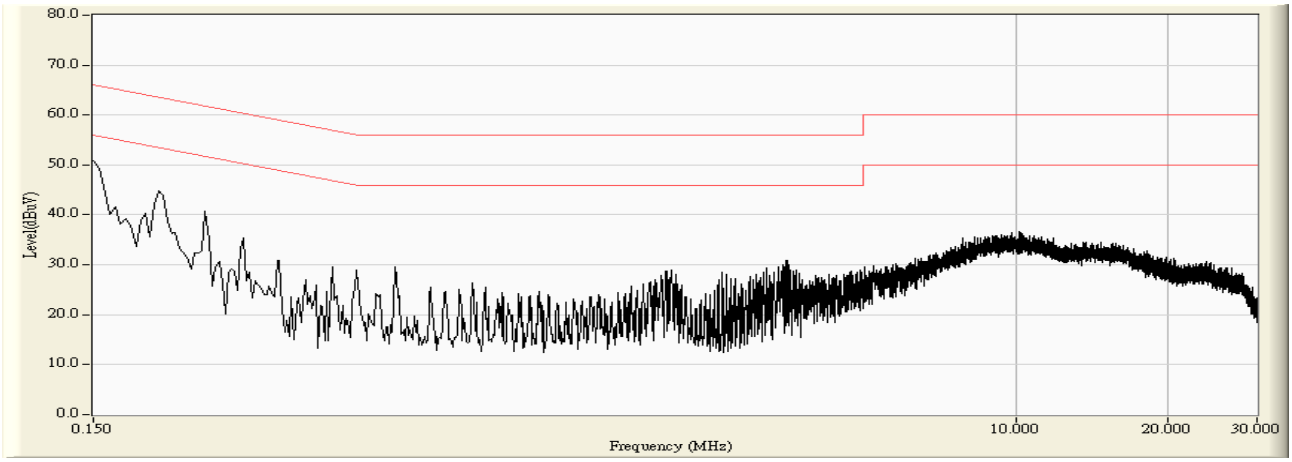
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.202	9.553	51.600	61.153	-3.361	64.514	QUASIPEAK
2		0.250	9.461	29.000	38.461	-24.682	63.143	QUASIPEAK
3		0.454	9.597	15.300	24.897	-32.417	57.314	QUASIPEAK
4		1.210	9.720	12.900	22.620	-33.380	56.000	QUASIPEAK
5		2.522	9.720	14.200	23.920	-32.080	56.000	QUASIPEAK
6		3.646	9.790	18.700	28.490	-27.510	56.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:52**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**

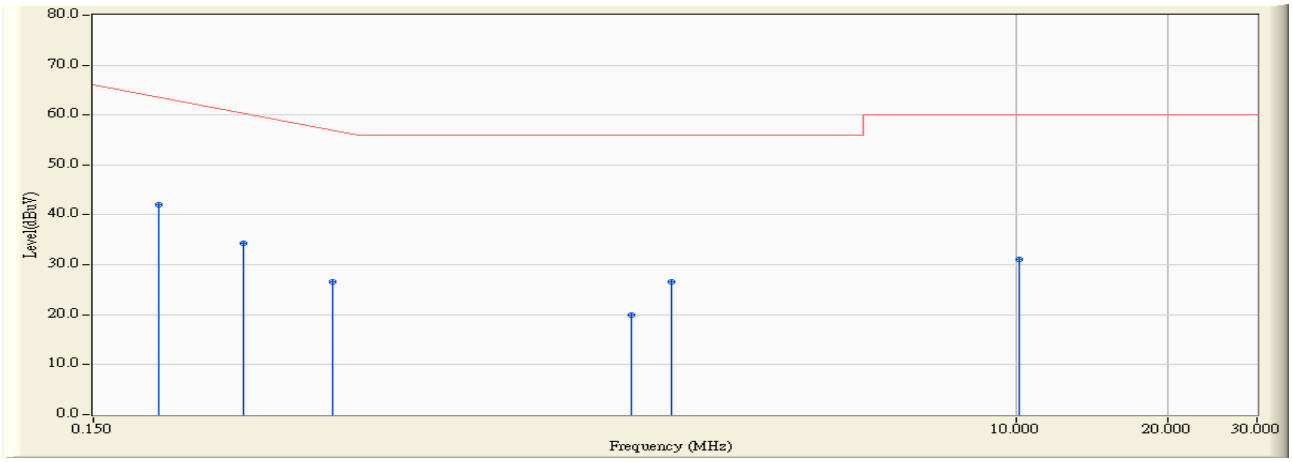


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.202	9.553	44.100	53.653	-0.861	54.514	AVERAGE
2		0.250	9.461	22.000	31.461	-21.682	53.143	AVERAGE
3		0.454	9.597	12.100	21.697	-25.617	47.314	AVERAGE
4		1.210	9.720	4.300	14.020	-31.980	46.000	AVERAGE
5		2.522	9.720	6.300	16.020	-29.980	46.000	AVERAGE
6		3.646	9.790	12.100	21.890	-24.110	46.000	AVERAGE

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:54**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**

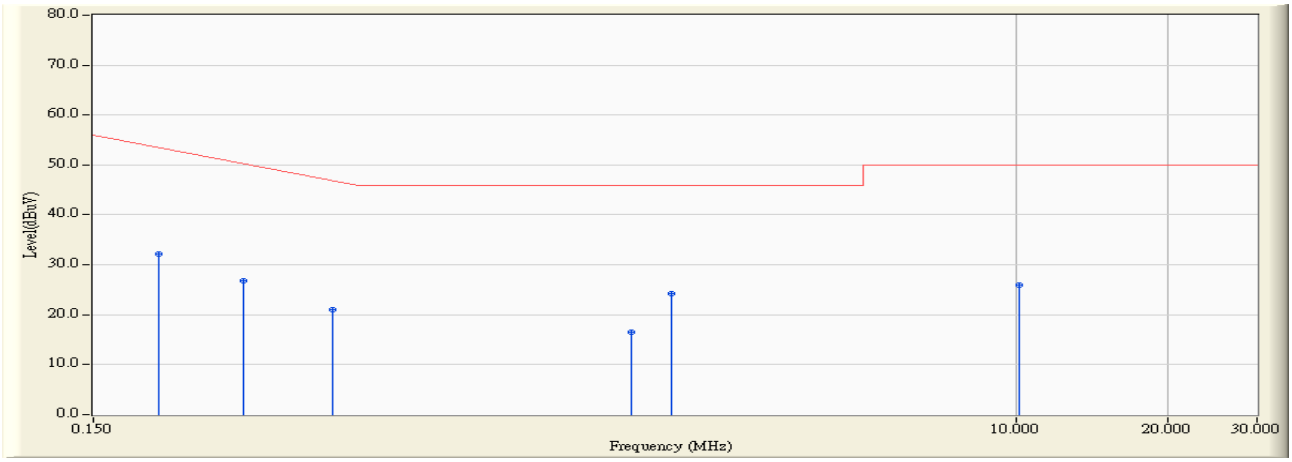


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:58**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.202	9.648	32.300	41.948	-22.566	64.514	QUASIPEAK
2		0.298	9.600	24.700	34.300	-27.471	61.771	QUASIPEAK
3		0.446	9.616	16.900	26.516	-31.027	57.543	QUASIPEAK
4		1.738	9.693	10.200	19.893	-36.107	56.000	QUASIPEAK
5		2.086	9.660	16.900	26.560	-29.440	56.000	QUASIPEAK
6		10.182	9.870	21.200	31.070	-28.930	60.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/04 - 09:58**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.202	9.648	22.600	32.248	-22.266	54.514	AVERAGE
2		0.298	9.600	17.300	26.900	-24.871	51.771	AVERAGE
3		0.446	9.616	11.500	21.116	-26.427	47.543	AVERAGE
4		1.738	9.693	6.900	16.593	-29.407	46.000	AVERAGE
5	*	2.086	9.660	14.500	24.160	-21.840	46.000	AVERAGE
6		10.182	9.870	16.100	25.970	-24.030	50.000	AVERAGE

4. Radiated Emission

4.1. Test Equipment

☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/06/28
EMI Test Receiver	R&S	ESCI	100573	2008/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2008/03/03
Band Reject Filter	Wainwright	WRCG2400/2485-2375/2510-60/11SS	SN9	2008/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2008/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2008/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2008/03/31

☐Radiated Emission / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2008/04/24
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Preamplifier	Quietek	AP-025C	QT-AP004	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112D	22254	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2008/03/03
Band Reject Filter	Wainwright	WRCG2400/2485-2375/2510-60/11SS	SN9	2008/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2008/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2008/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200464463	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	05	2007/11/25

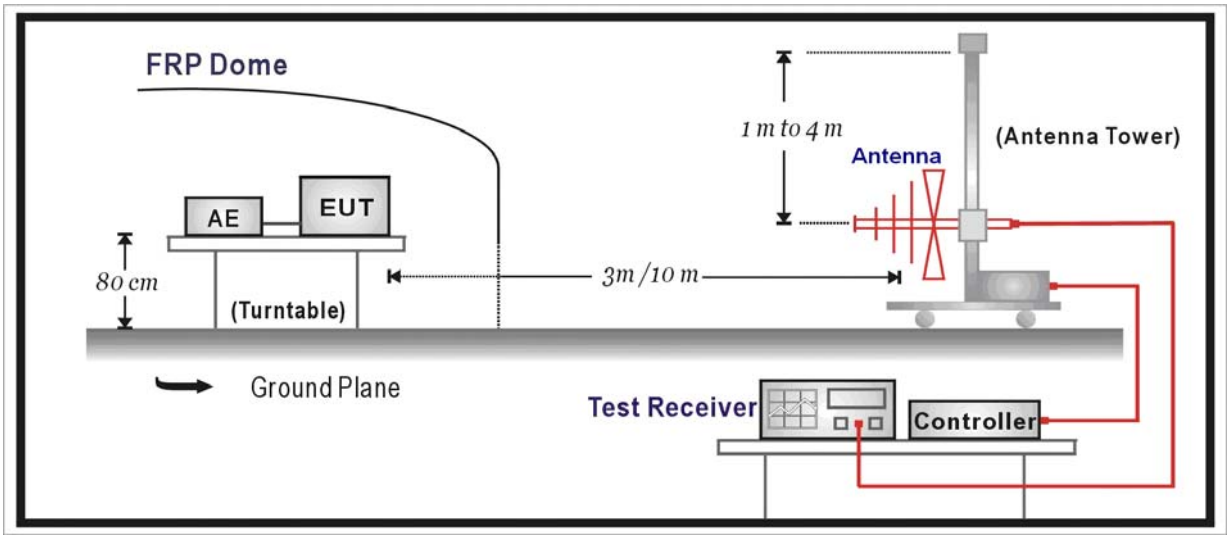
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2008/03/31

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

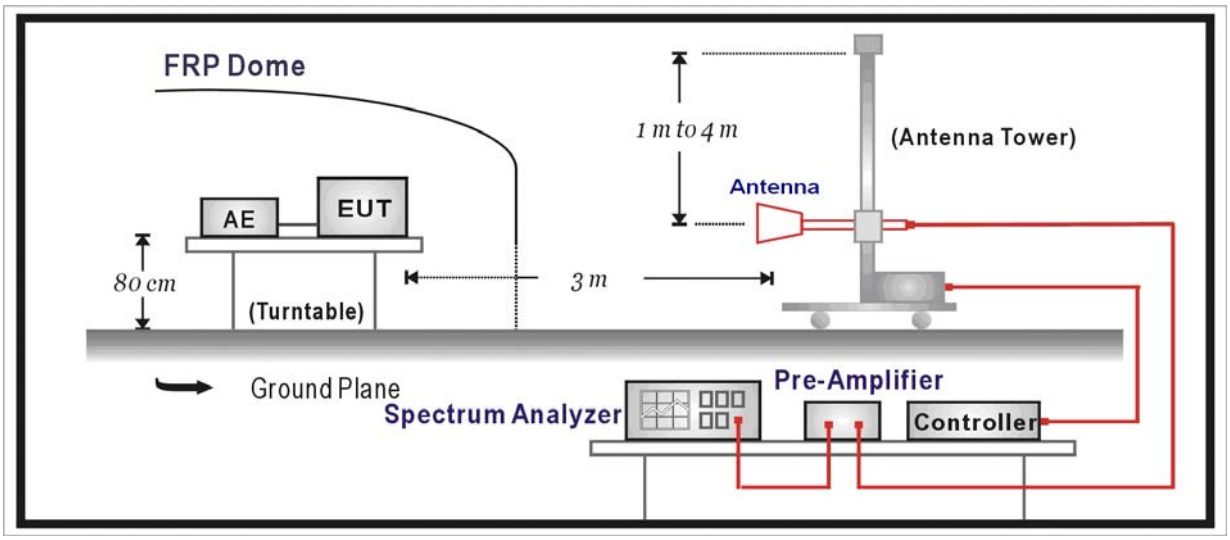
Note 2: The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: 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 harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna have the narrow beamwidth) in order to keeping the antenna in the “cone of radiation” of EUT. This horn 3dB beamwidth is 60 degrees for H-plane and 90 degrees for E-plane.

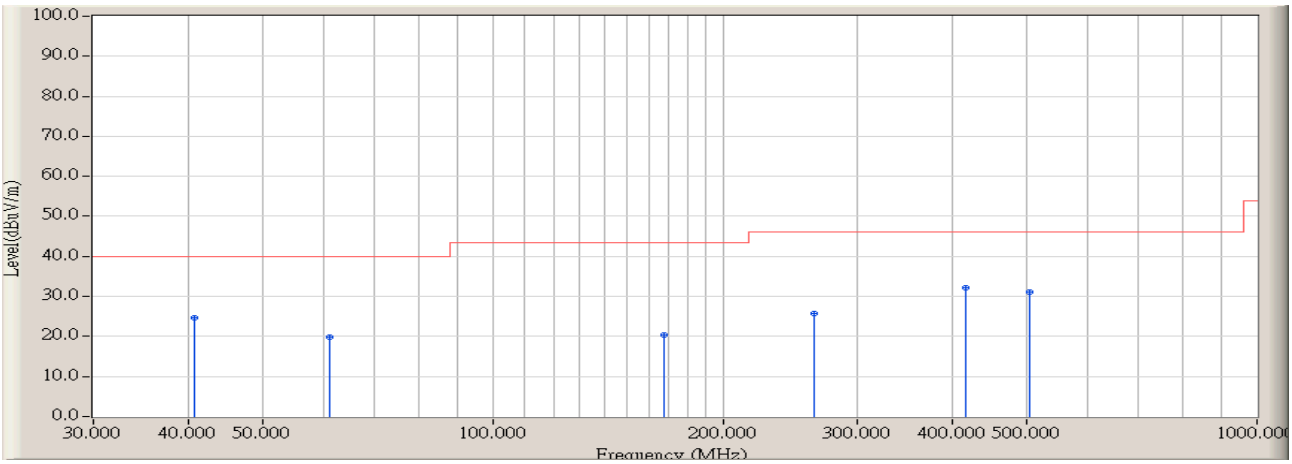
4.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

below 1G is defined as ± 3.8 dB

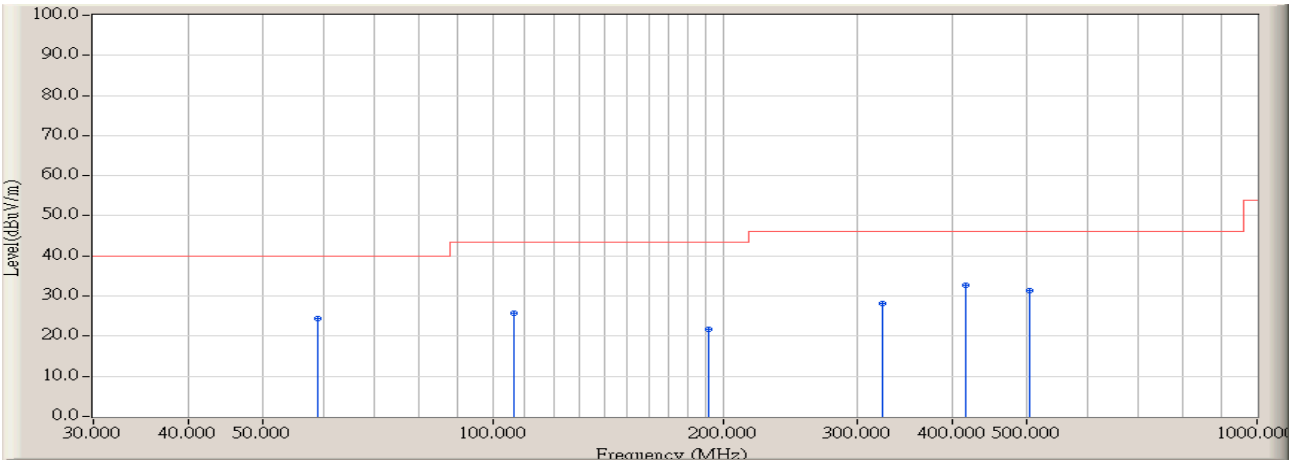
4.6. Test Result

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:51**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



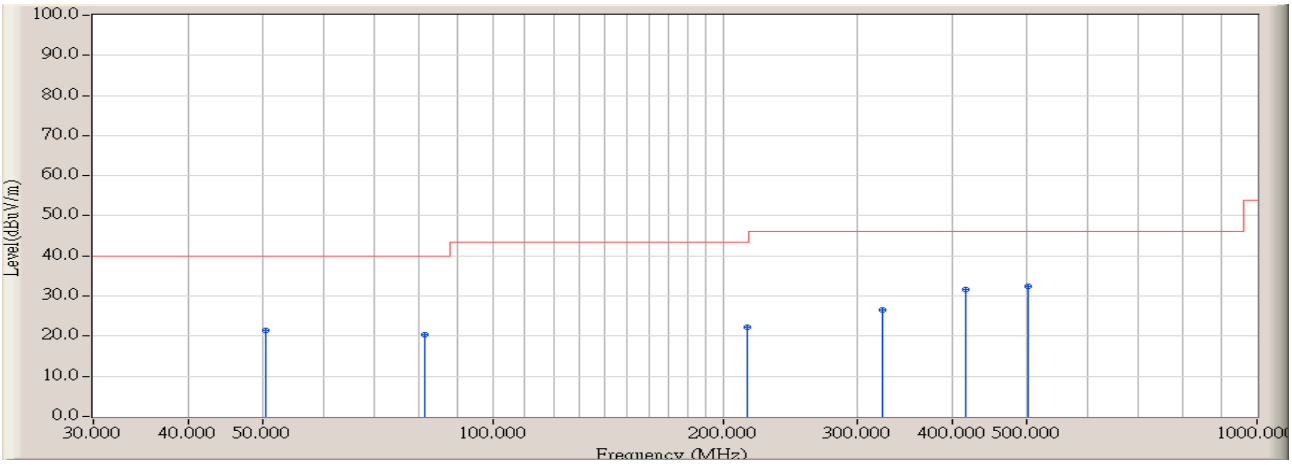
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		40.670	-3.774	28.480	24.706	-15.294	40.000	QUASIPEAK	125.600	112.400
2		61.040	-13.122	33.039	19.917	-20.083	40.000	QUASIPEAK	142.600	79.200
3		167.740	-10.505	30.972	20.467	-23.053	43.520	QUASIPEAK	100.000	185.000
4		263.770	-8.570	34.369	25.799	-20.221	46.020	QUASIPEAK	143.500	177.000
5	*	415.090	-4.564	36.653	32.089	-13.931	46.020	QUASIPEAK	106.500	93.500
6		503.360	-3.341	34.543	31.202	-14.818	46.020	QUASIPEAK	100.000	196.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:52**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



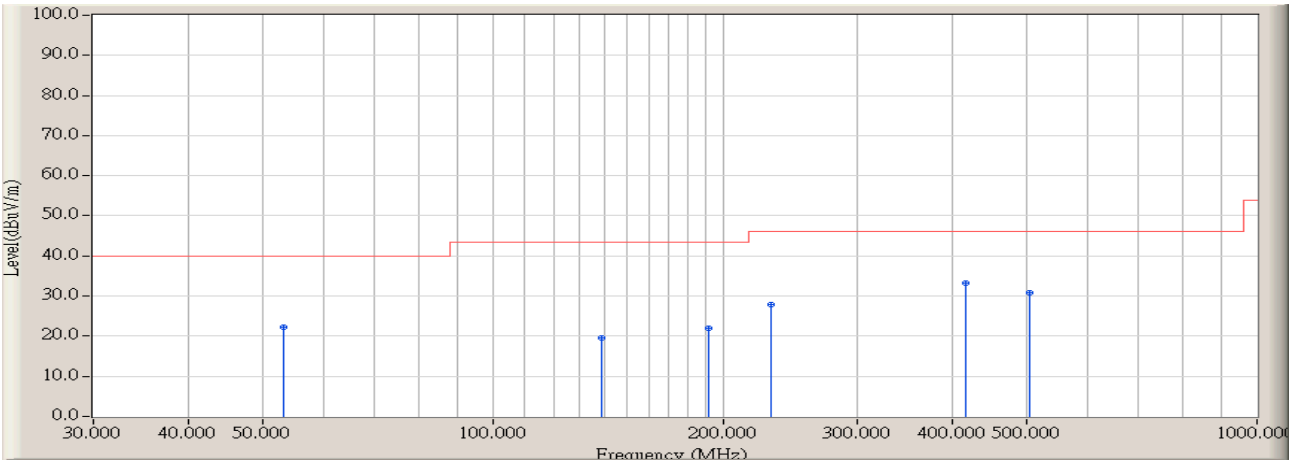
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		59.100	-12.373	36.794	24.421	-15.579	40.000	QUASIPEAK	100.000	136.500
2		106.630	-10.827	36.495	25.668	-17.852	43.520	QUASIPEAK	106.800	92.800
3		191.990	-11.279	32.905	21.626	-21.894	43.520	QUASIPEAK	100.000	253.800
4		322.940	-7.024	35.272	28.248	-17.772	46.020	QUASIPEAK	142.500	78.600
5	*	415.090	-4.564	37.249	32.685	-13.335	46.020	QUASIPEAK	100.000	79.400
6		503.360	-3.341	34.578	31.237	-14.783	46.020	QUASIPEAK	108.400	95.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:52**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



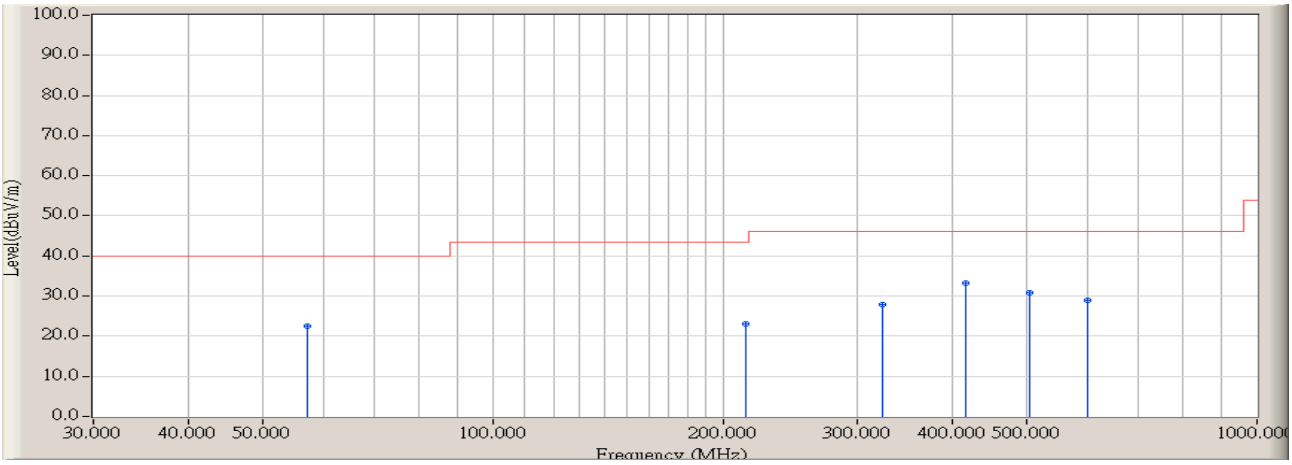
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		50.370	-8.482	30.003	21.521	-18.479	40.000	QUASIPEAK	126.600	114.400
2		81.410	-13.560	34.049	20.489	-19.511	40.000	QUASIPEAK	143.600	80.200
3		215.270	-9.607	31.945	22.338	-21.182	43.520	QUASIPEAK	102.000	184.000
4		322.940	-7.024	33.486	26.462	-19.558	46.020	QUASIPEAK	145.500	174.000
5		415.090	-4.564	36.229	31.665	-14.355	46.020	QUASIPEAK	107.500	95.500
6	*	501.420	-3.368	35.866	32.498	-13.522	46.020	QUASIPEAK	102.000	192.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:53**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



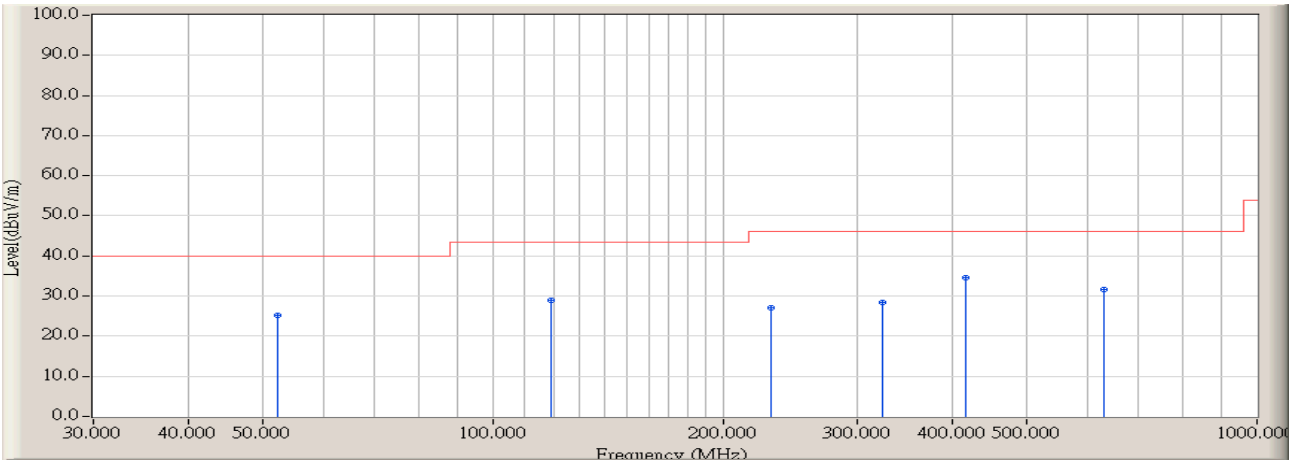
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		53.280	-9.808	32.040	22.232	-17.768	40.000	QUASIPEAK	101.000	132.500
2		138.640	-9.373	28.914	19.541	-23.979	43.520	QUASIPEAK	104.800	94.800
3		191.990	-11.279	33.293	22.014	-21.506	43.520	QUASIPEAK	101.000	254.800
4		230.790	-9.373	37.140	27.767	-18.253	46.020	QUASIPEAK	143.500	72.600
5	*	415.090	-4.564	37.855	33.291	-12.729	46.020	QUASIPEAK	101.000	79.400
6		503.360	-3.341	34.089	30.748	-15.272	46.020	QUASIPEAK	104.400	94.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:53**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



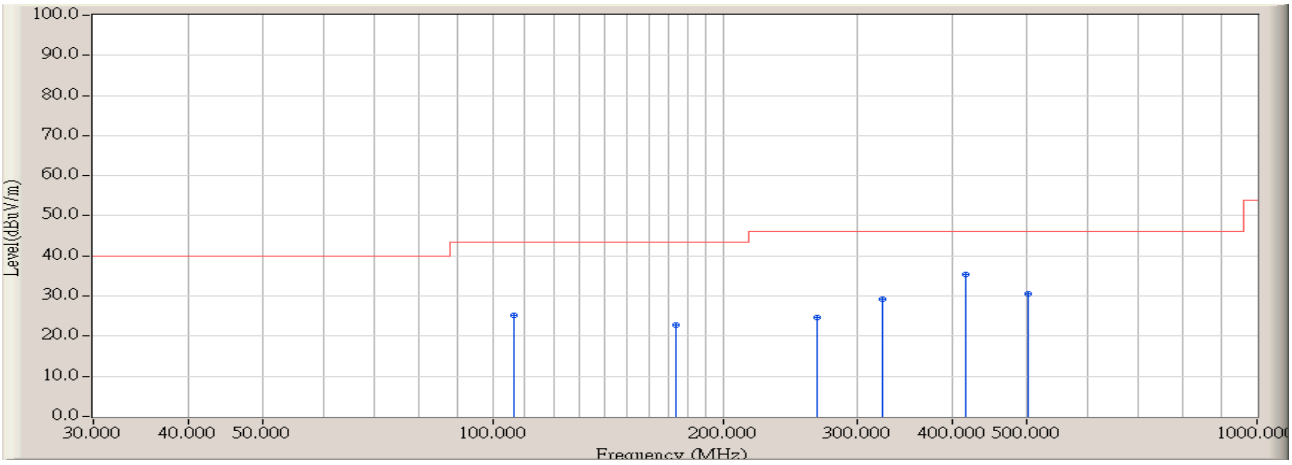
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		57.160	-11.637	34.061	22.424	-17.576	40.000	QUASIPEAK	121.600	113.400
2		214.300	-9.708	32.632	22.924	-20.596	43.520	QUASIPEAK	141.600	79.200
3		322.940	-7.024	34.939	27.915	-18.105	46.020	QUASIPEAK	102.000	175.000
4	*	416.060	-4.589	37.911	33.322	-12.698	46.020	QUASIPEAK	142.500	187.000
5		503.360	-3.341	34.296	30.955	-15.065	46.020	QUASIPEAK	103.500	95.500
6		601.330	-1.489	30.574	29.085	-16.935	46.020	QUASIPEAK	103.000	194.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:54**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



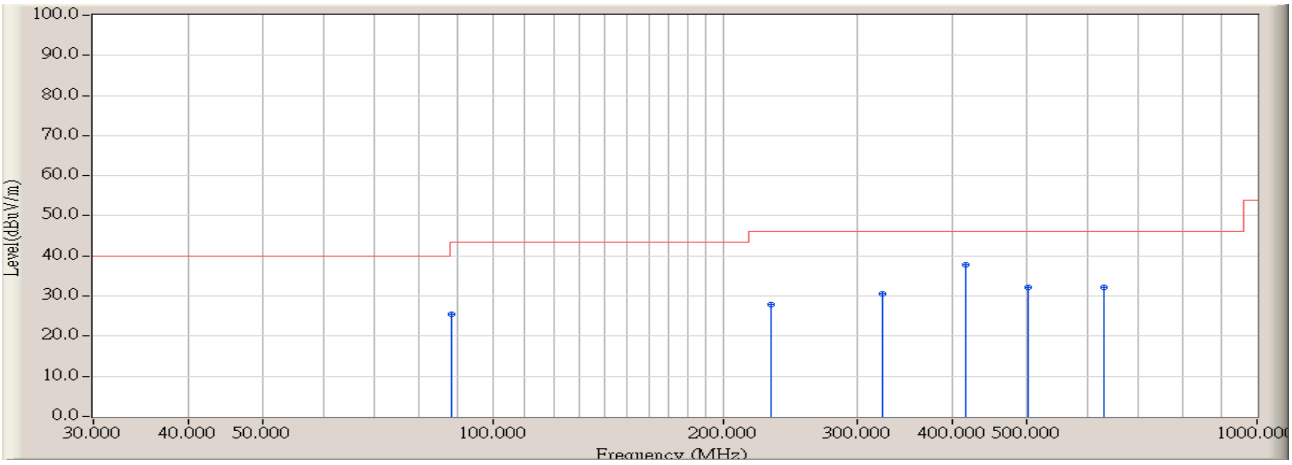
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		52.310	-9.325	34.429	25.104	-14.896	40.000	QUASIPEAK	100.000	136.500
2		119.240	-10.120	38.978	28.858	-14.662	43.520	QUASIPEAK	106.800	92.800
3		230.790	-9.373	36.393	27.020	-19.000	46.020	QUASIPEAK	100.000	253.800
4		322.940	-7.024	35.574	28.550	-17.470	46.020	QUASIPEAK	142.500	78.600
5	*	416.060	-4.589	39.176	34.587	-11.433	46.020	QUASIPEAK	100.000	79.400
6		630.430	-0.955	32.476	31.521	-14.499	46.020	QUASIPEAK	108.400	95.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:54**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



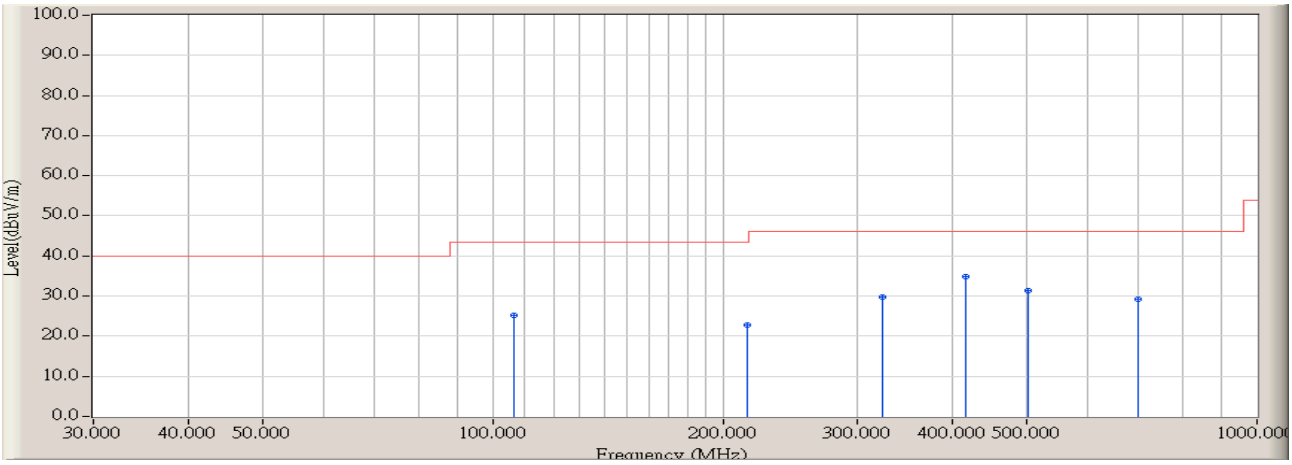
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		106.630	-10.827	35.981	25.154	-18.366	43.520	QUASIPEAK	125.600	112.400
2		173.560	-11.077	33.769	22.692	-20.828	43.520	QUASIPEAK	142.600	79.200
3		265.710	-8.544	33.260	24.716	-21.304	46.020	QUASIPEAK	100.000	185.000
4		322.940	-7.024	36.291	29.267	-16.753	46.020	QUASIPEAK	143.500	177.000
5	*	415.090	-4.564	39.878	35.314	-10.706	46.020	QUASIPEAK	106.500	93.500
6		501.420	-3.368	34.049	30.681	-15.339	46.020	QUASIPEAK	100.000	196.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:55**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



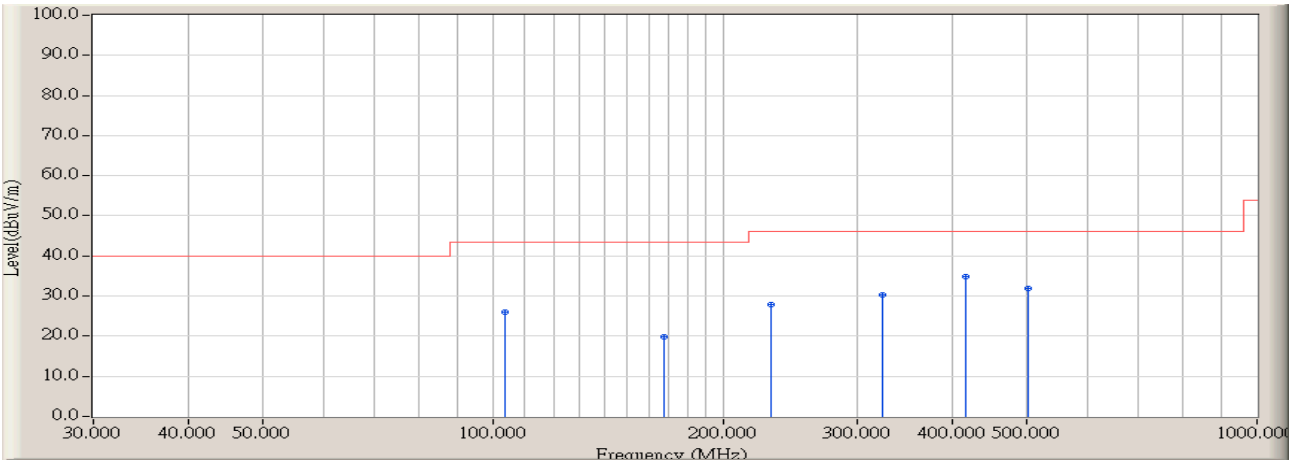
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		88.200	-12.865	38.239	25.374	-18.146	43.520	QUASIPEAK	100.000	136.500
2		230.790	-9.373	37.166	27.793	-18.227	46.020	QUASIPEAK	106.800	92.800
3		322.940	-7.024	37.659	30.635	-15.385	46.020	QUASIPEAK	100.000	253.800
4	*	416.060	-4.589	42.472	37.883	-8.137	46.020	QUASIPEAK	142.500	78.600
5		501.420	-3.368	35.659	32.291	-13.729	46.020	QUASIPEAK	100.000	79.400
6		630.430	-0.955	33.002	32.047	-13.973	46.020	QUASIPEAK	108.400	95.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:55**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



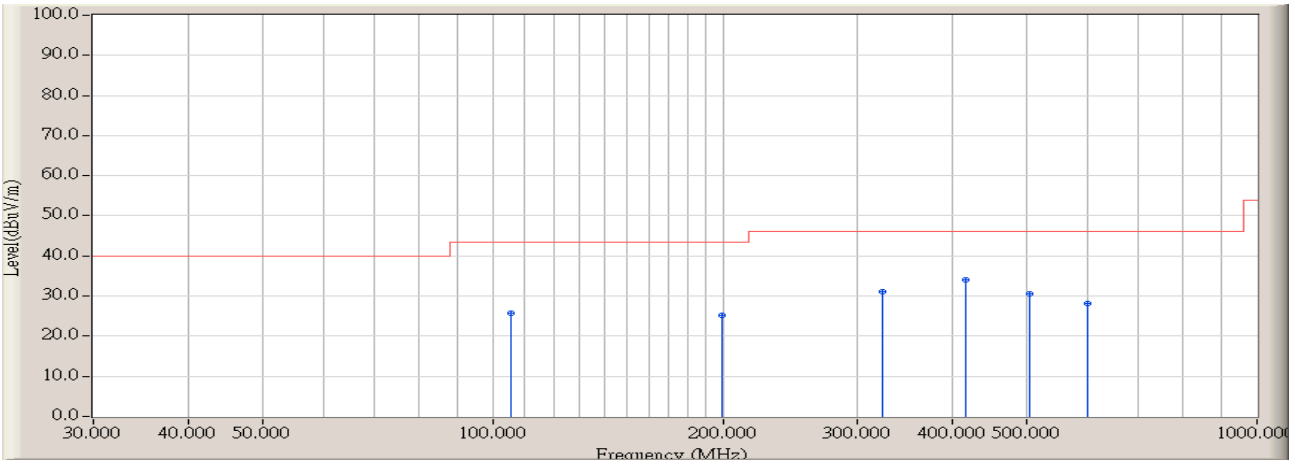
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		106.630	-10.827	36.048	25.221	-18.299	43.520	QUASIPEAK	126.600	114.400
2		215.270	-9.607	32.370	22.763	-20.757	43.520	QUASIPEAK	143.600	80.200
3		322.940	-7.024	36.863	29.839	-16.181	46.020	QUASIPEAK	102.000	184.000
4	*	415.090	-4.564	39.542	34.978	-11.042	46.020	QUASIPEAK	145.500	174.000
5		501.420	-3.368	34.690	31.322	-14.698	46.020	QUASIPEAK	107.500	95.500
6		699.300	0.425	28.913	29.338	-16.682	46.020	QUASIPEAK	102.000	192.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:56**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



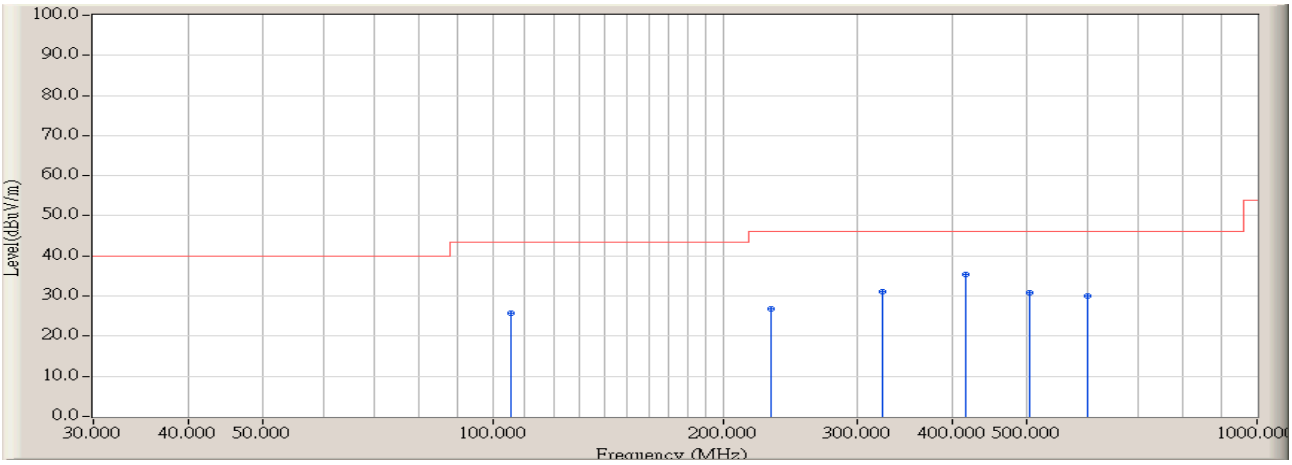
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		103.720	-11.094	36.971	25.877	-17.643	43.520	QUASIPEAK	101.000	132.500
2		167.740	-10.505	30.308	19.803	-23.717	43.520	QUASIPEAK	104.800	94.800
3		230.790	-9.373	37.273	27.900	-18.120	46.020	QUASIPEAK	101.000	254.800
4		322.940	-7.024	37.431	30.407	-15.613	46.020	QUASIPEAK	143.500	72.600
5	*	415.090	-4.564	39.363	34.799	-11.221	46.020	QUASIPEAK	101.000	79.400
6		501.420	-3.368	35.304	31.936	-14.084	46.020	QUASIPEAK	104.400	94.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:56**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



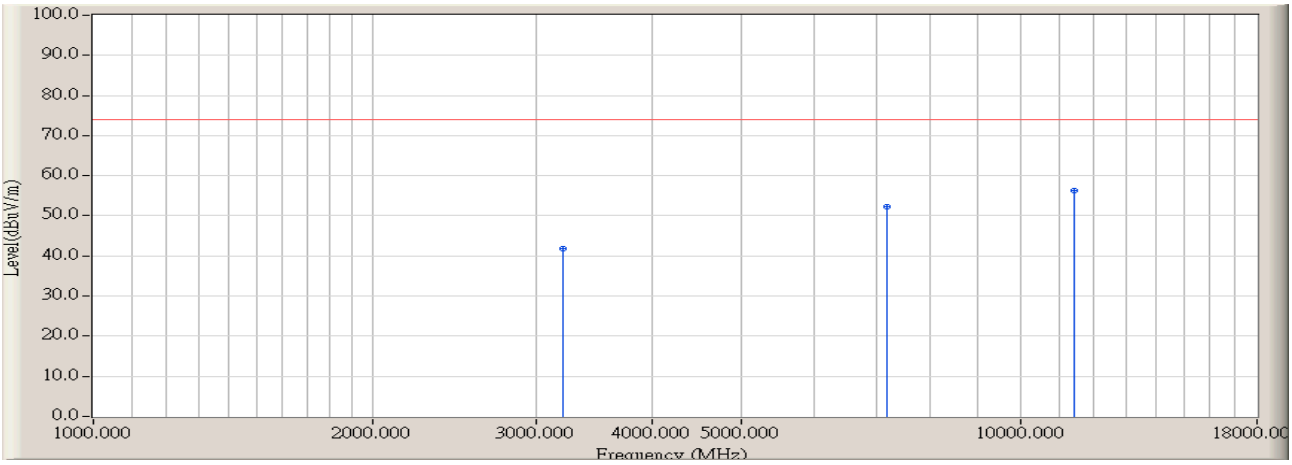
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		105.660	-10.901	36.593	25.692	-17.828	43.520	QUASIPEAK	121.600	113.400
2		199.750	-10.920	36.081	25.161	-18.359	43.520	QUASIPEAK	141.600	79.200
3		322.940	-7.024	38.024	31.000	-15.020	46.020	QUASIPEAK	102.000	175.000
4	*	415.090	-4.564	38.480	33.916	-12.104	46.020	QUASIPEAK	142.500	187.000
5		503.360	-3.341	33.994	30.653	-15.367	46.020	QUASIPEAK	103.500	95.500
6		601.330	-1.489	29.678	28.189	-17.831	46.020	QUASIPEAK	103.000	194.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 11:56**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : CBL6112B-2932(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



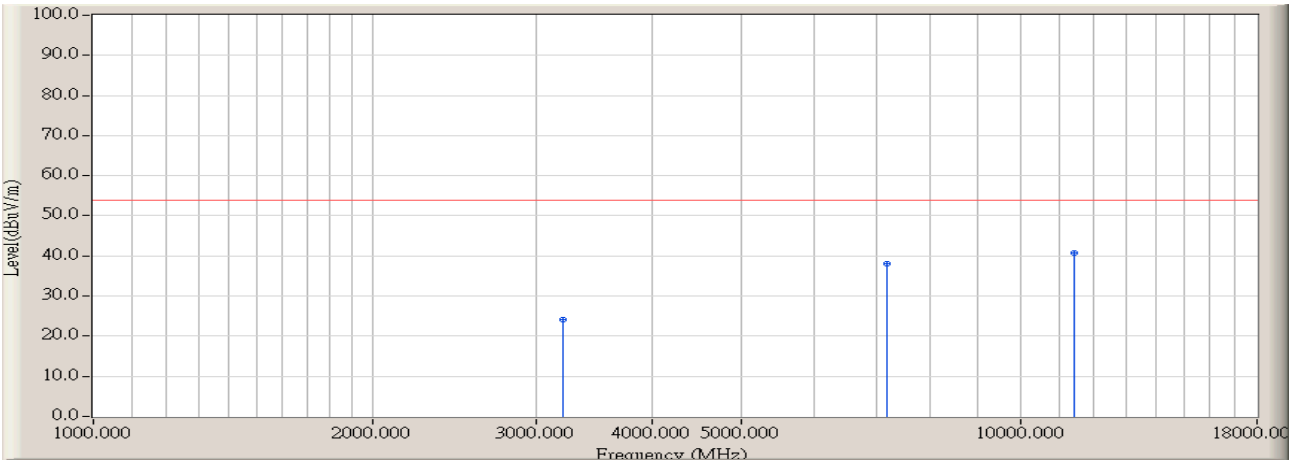
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		105.660	-10.901	36.570	25.669	-17.851	43.520	QUASIPEAK	100.000	136.500
2		230.790	-9.373	36.271	26.898	-19.122	46.020	QUASIPEAK	106.800	92.800
3		322.940	-7.024	37.991	30.967	-15.053	46.020	QUASIPEAK	100.000	253.800
4	*	415.090	-4.564	40.039	35.475	-10.545	46.020	QUASIPEAK	142.500	78.600
5		503.360	-3.341	34.060	30.719	-15.301	46.020	QUASIPEAK	100.000	79.400
6		600.360	-1.475	31.407	29.932	-16.088	46.020	QUASIPEAK	108.400	95.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



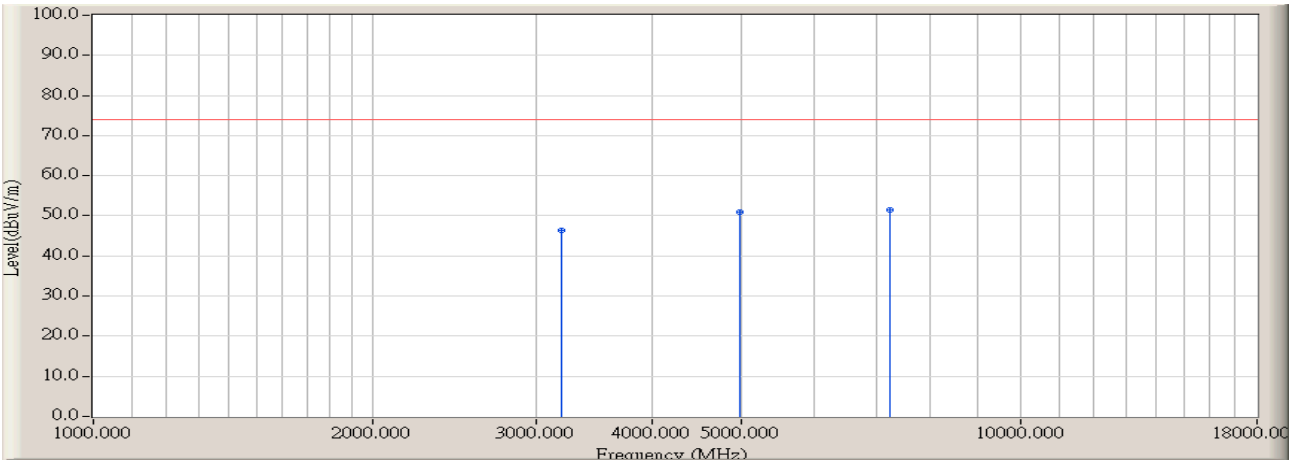
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	43.290	41.800	-32.170	73.970	PEAK	100.000	126.500
2		7171.000	12.790	39.570	52.360	-21.610	73.970	PEAK	110.300	142.800
3	*	11421.000	19.200	36.996	56.196	-17.774	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



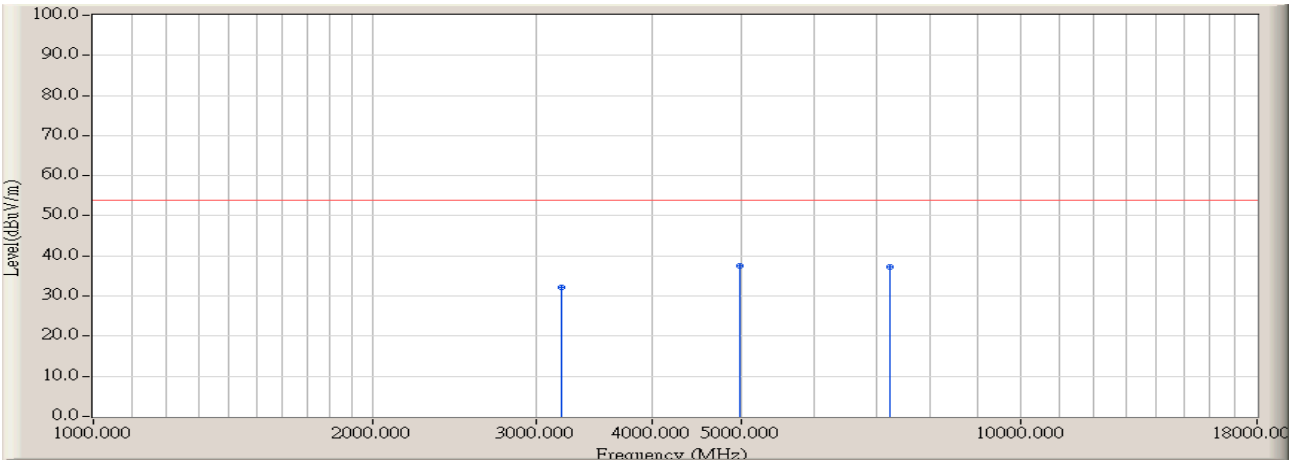
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	25.500	24.010	-29.960	53.970	AVERAGE	152.000	147.000
2		7171.000	12.790	25.360	38.150	-15.820	53.970	AVERAGE	148.000	85.000
3	*	11421.000	19.200	21.600	40.800	-13.170	53.970	AVERAGE	158.000	247.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:13**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



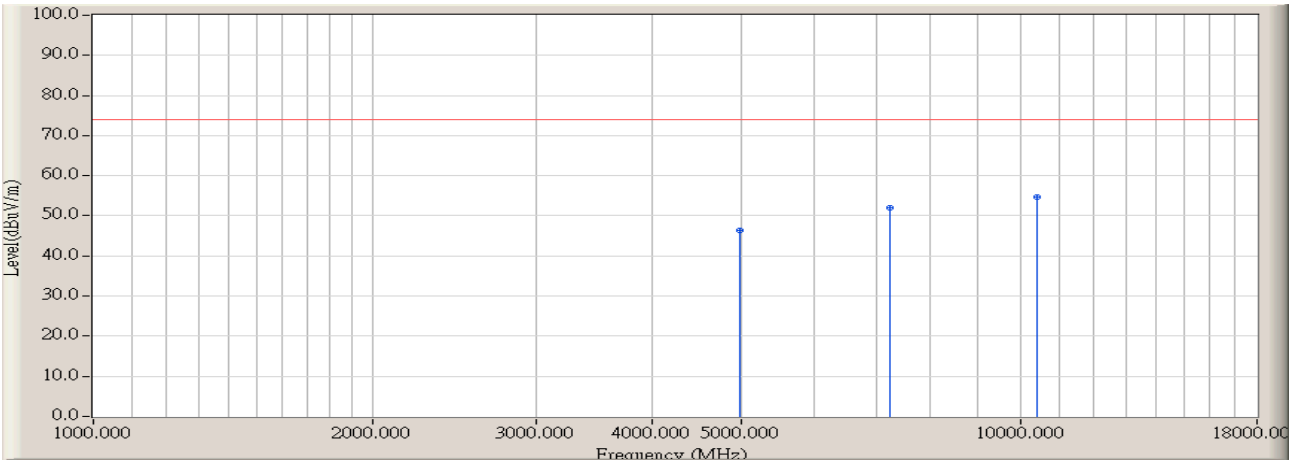
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	47.796	46.366	-27.604	73.970	PEAK	100.000	172.500
2		4978.000	4.000	46.886	50.886	-23.084	73.970	PEAK	100.000	167.400
3	*	7222.000	12.280	39.213	51.493	-22.477	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**



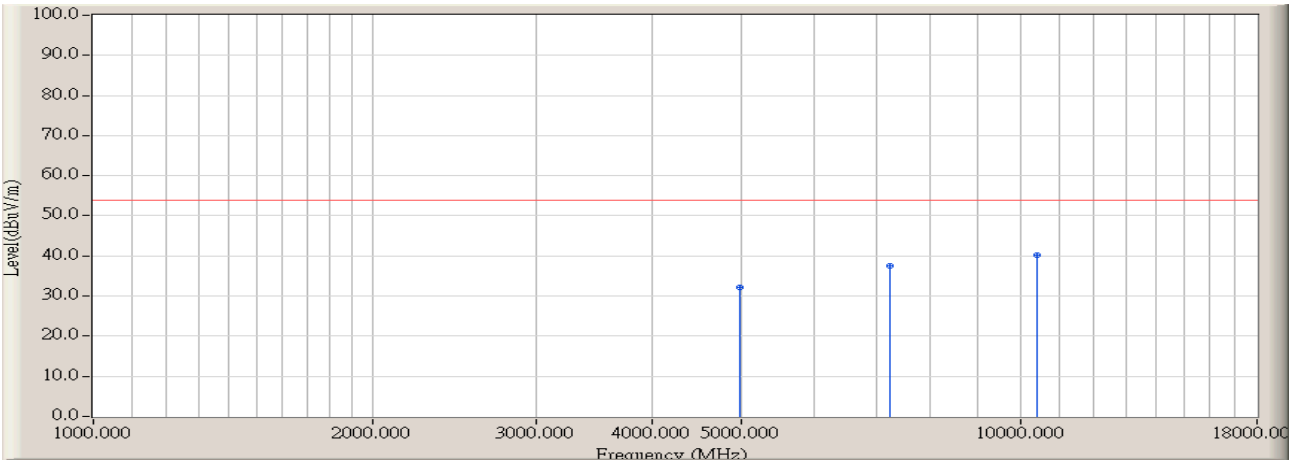
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	33.540	32.110	-21.860	53.970	AVERAGE	147.000	52.000
2	*	4978.000	4.000	33.400	37.400	-16.570	53.970	AVERAGE	152.000	102.000
3		7222.000	12.280	25.000	37.280	-16.690	53.970	AVERAGE	154.000	246.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



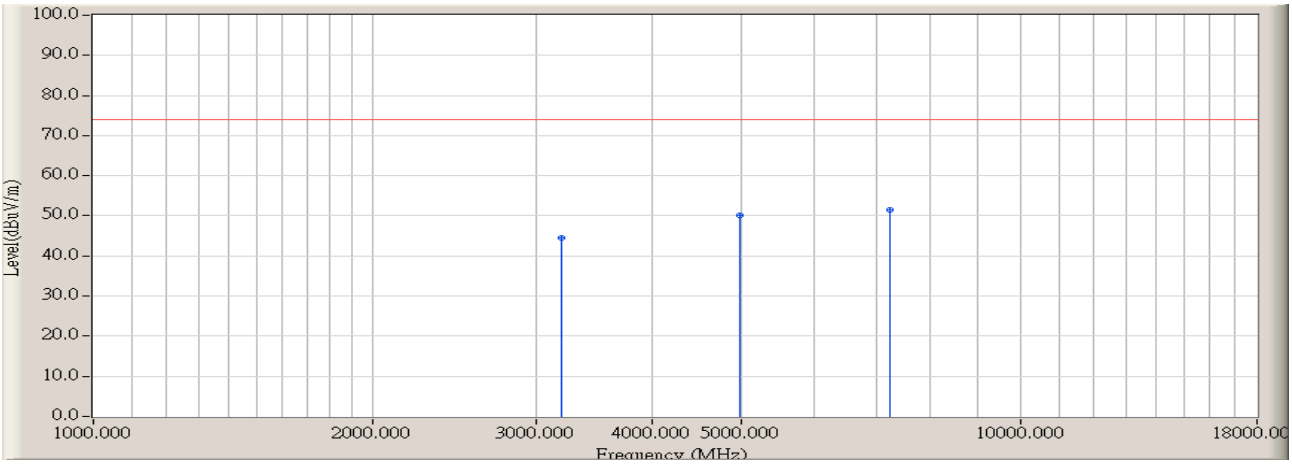
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	42.260	46.260	-27.710	73.970	PEAK	100.000	126.500
2		7239.000	12.270	39.687	51.957	-22.013	73.970	PEAK	110.300	142.800
3	*	10435.000	16.650	38.164	54.814	-19.156	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



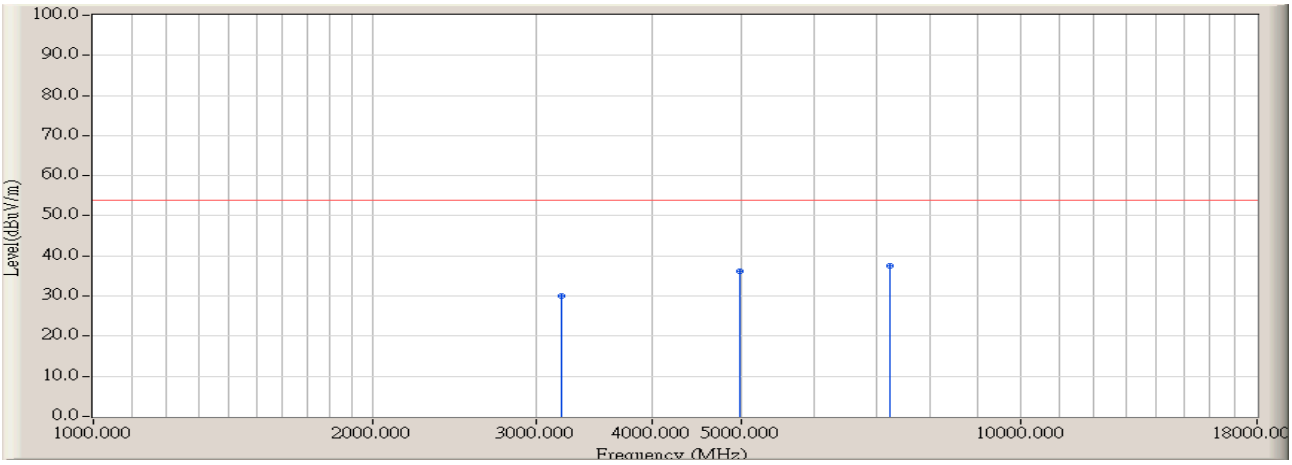
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	28.100	32.100	-21.870	53.970	AVERAGE	148.000	185.000
2		7239.000	12.270	25.300	37.570	-16.400	53.970	AVERAGE	147.000	340.000
3	*	10435.000	16.650	23.500	40.150	-13.820	53.970	AVERAGE	148.000	146.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:16**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



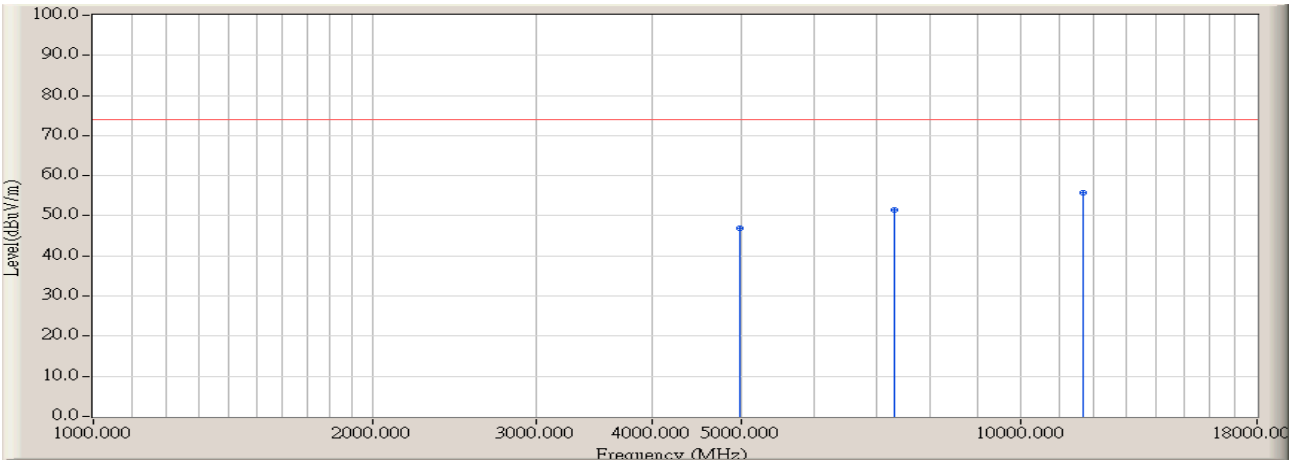
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	45.895	44.465	-29.505	73.970	PEAK	100.000	172.500
2		4978.000	4.000	46.184	50.184	-23.786	73.970	PEAK	100.000	167.400
3	*	7239.000	12.270	39.210	51.480	-22.490	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2437MHz**



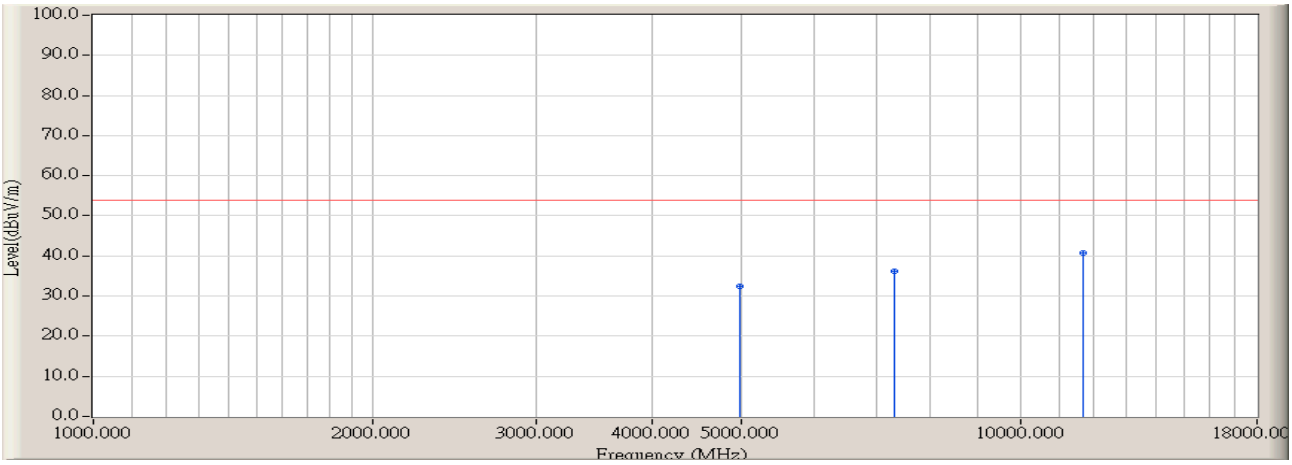
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	31.500	30.070	-23.900	53.970	AVERAGE	147.000	24.000
2		4978.000	4.000	32.100	36.100	-17.870	53.970	AVERAGE	154.000	247.000
3	*	7239.000	12.270	25.300	37.570	-16.400	53.970	AVERAGE	151.000	254.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



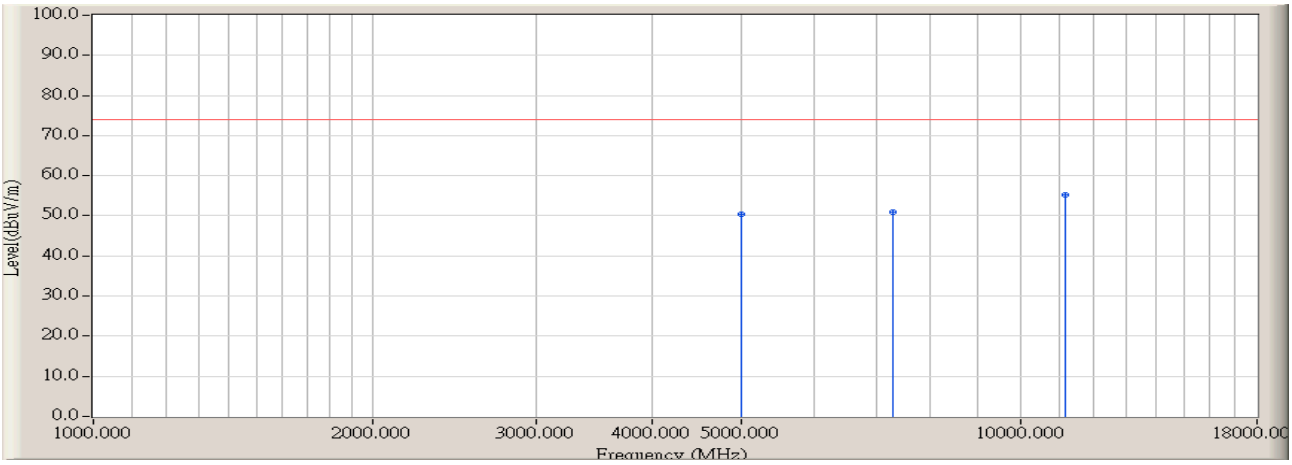
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	42.825	46.825	-27.145	73.970	PEAK	100.000	126.500
2		7324.000	11.960	39.515	51.475	-22.495	73.970	PEAK	110.300	142.800
3	*	11693.000	17.210	38.597	55.807	-18.163	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



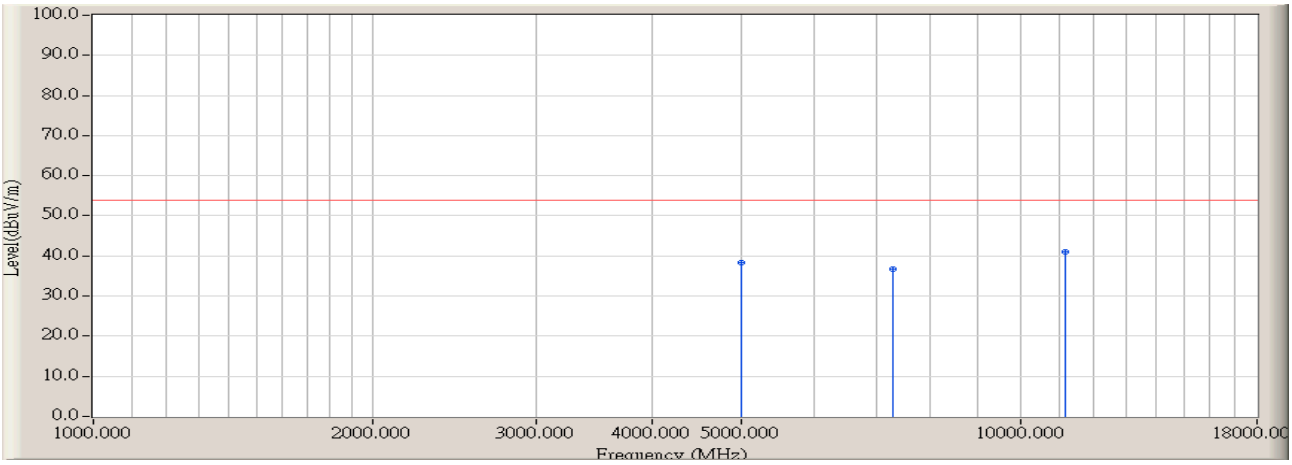
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	28.520	32.520	-21.450	53.970	AVERAGE	156.000	230.000
2		7324.000	11.960	24.300	36.260	-17.710	53.970	AVERAGE	149.000	80.500
3	*	11693.000	17.210	23.500	40.710	-13.260	53.970	AVERAGE	157.000	230.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:19**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



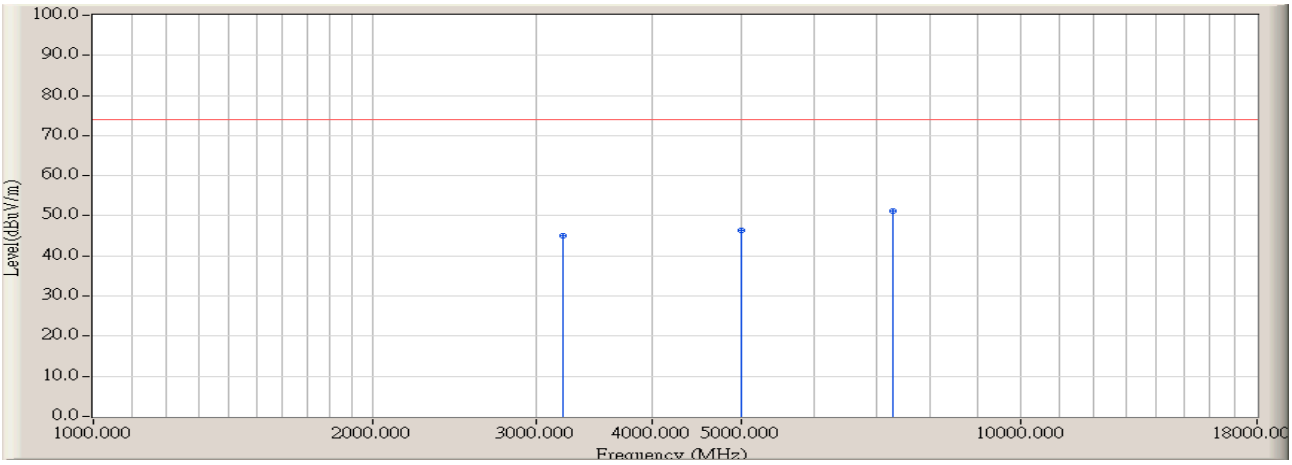
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4995.000	3.880	46.418	50.298	-23.672	73.970	PEAK	100.000	172.500
2		7290.000	12.210	38.852	51.062	-22.908	73.970	PEAK	100.000	167.400
3	*	11200.000	17.970	37.284	55.254	-18.716	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**



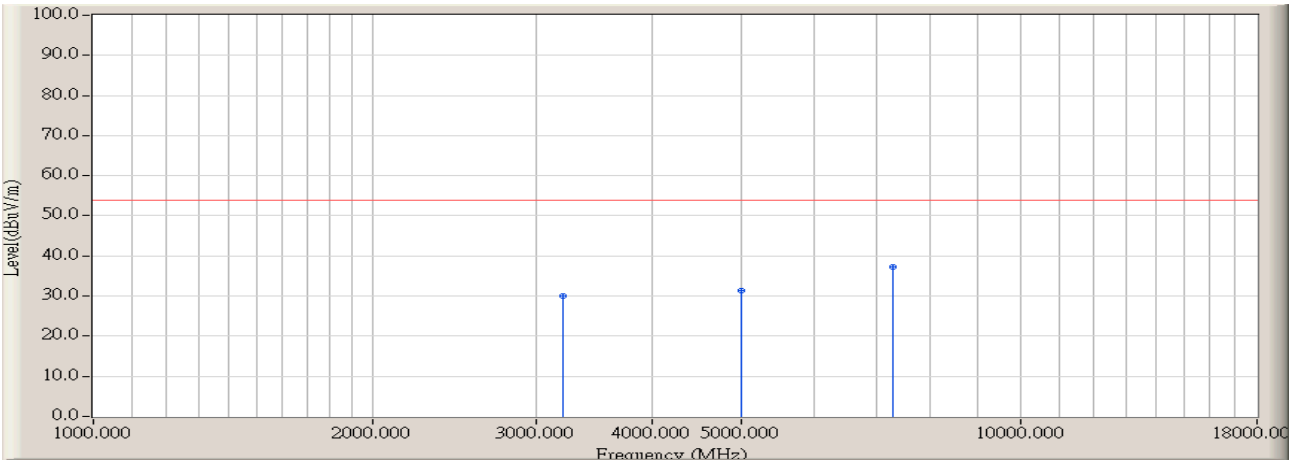
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4995.000	3.880	34.400	38.280	-15.690	53.970	AVERAGE	156.000	254.000
2		7290.000	12.210	24.500	36.710	-17.260	53.970	AVERAGE	145.000	20.500
3	*	11200.000	17.970	23.100	41.070	-12.900	53.970	AVERAGE	152.000	98.600

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



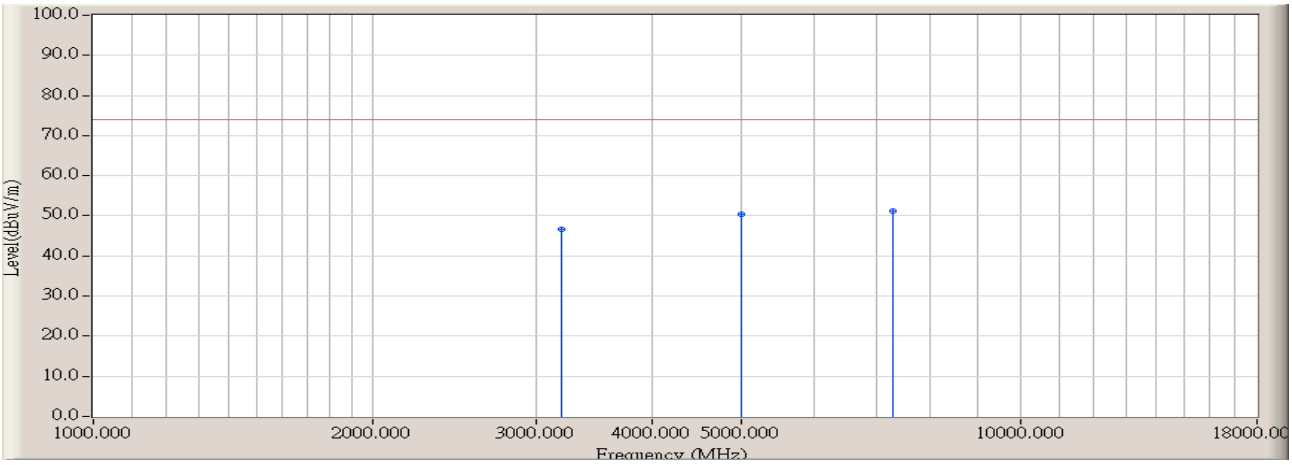
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	46.487	44.997	-28.973	73.970	PEAK	100.000	126.500
2		4995.000	3.880	42.594	46.474	-27.496	73.970	PEAK	110.300	142.800
3	*	7273.000	12.230	38.917	51.147	-22.823	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:21**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



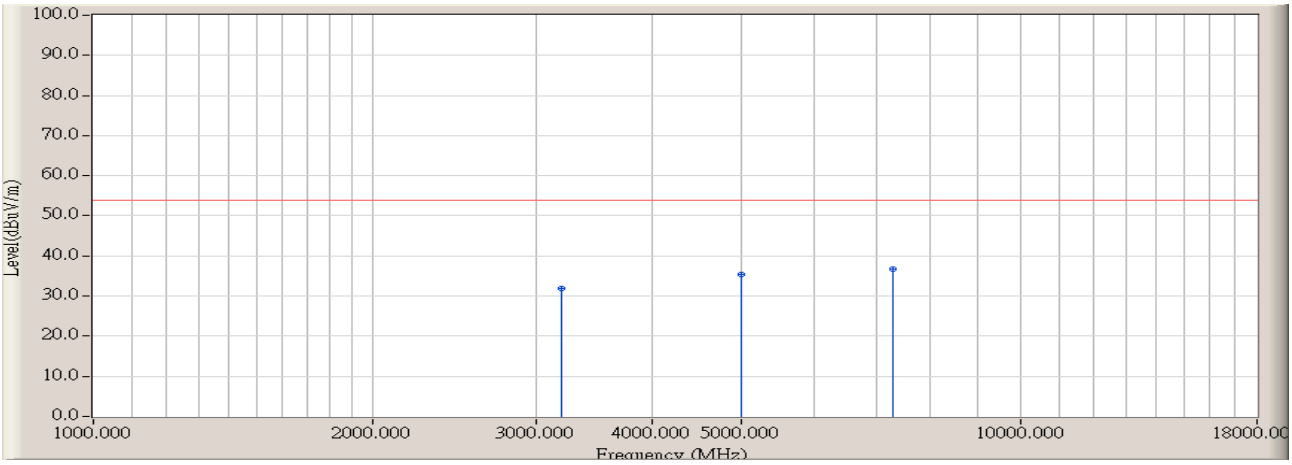
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	31.400	29.910	-24.060	53.970	AVERAGE	149.000	254.000
2		4995.000	3.880	27.600	31.480	-22.490	53.970	AVERAGE	145.000	30.600
3	*	7273.000	12.230	25.010	37.240	-16.730	53.970	AVERAGE	148.500	145.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



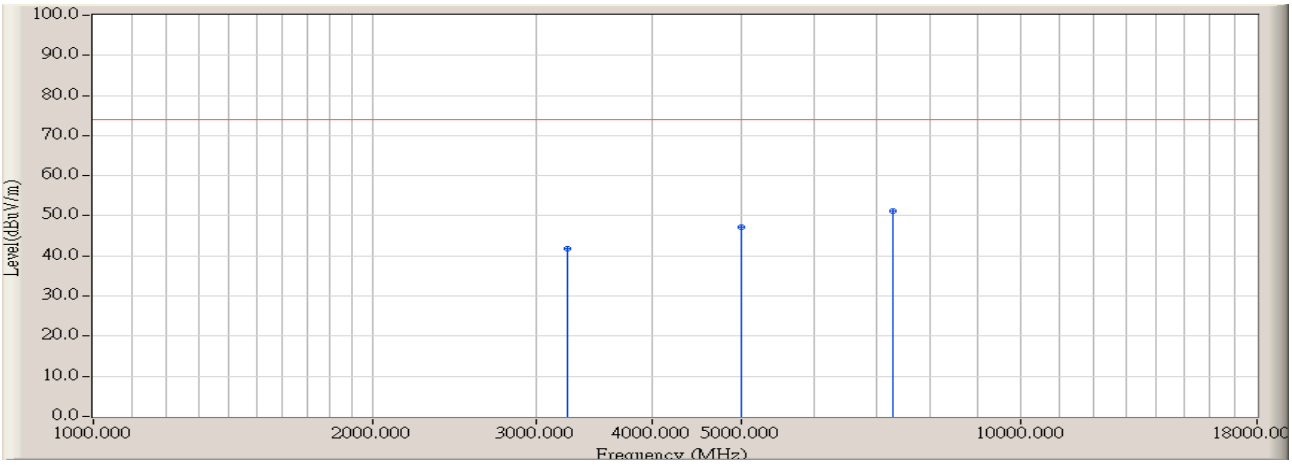
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	47.954	46.524	-27.446	73.970	PEAK	100.000	172.500
2		4995.000	3.880	46.585	50.465	-23.505	73.970	PEAK	100.000	167.400
3	*	7290.000	12.210	38.901	51.111	-22.859	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**



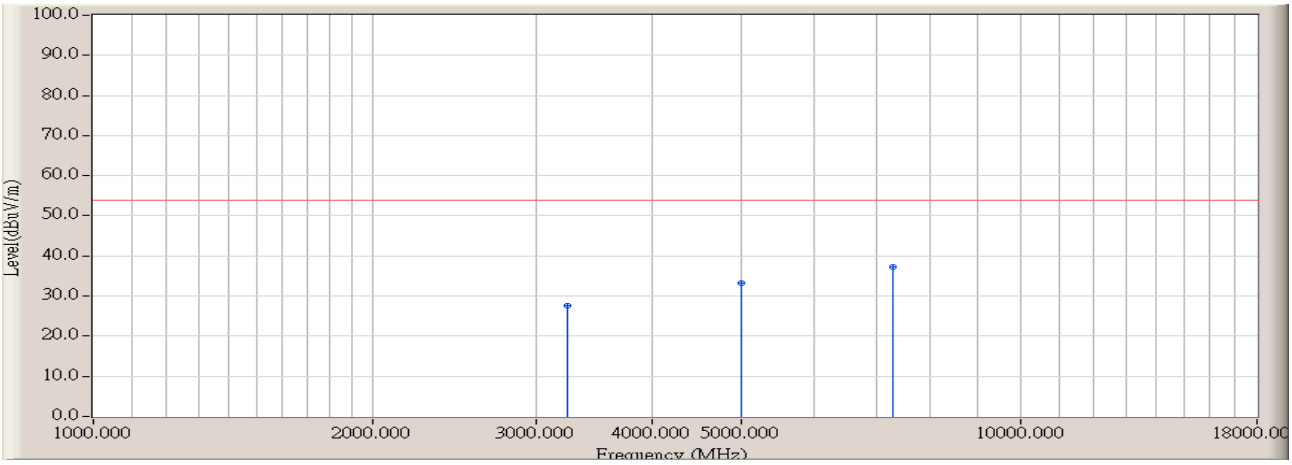
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	33.200	31.770	-22.200	53.970	AVERAGE	156.000	354.000
2		4995.000	3.880	31.500	35.380	-18.590	53.970	AVERAGE	147.500	243.100
3	*	7290.000	12.210	24.500	36.710	-17.260	53.970	AVERAGE	146.800	100.700

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:25**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



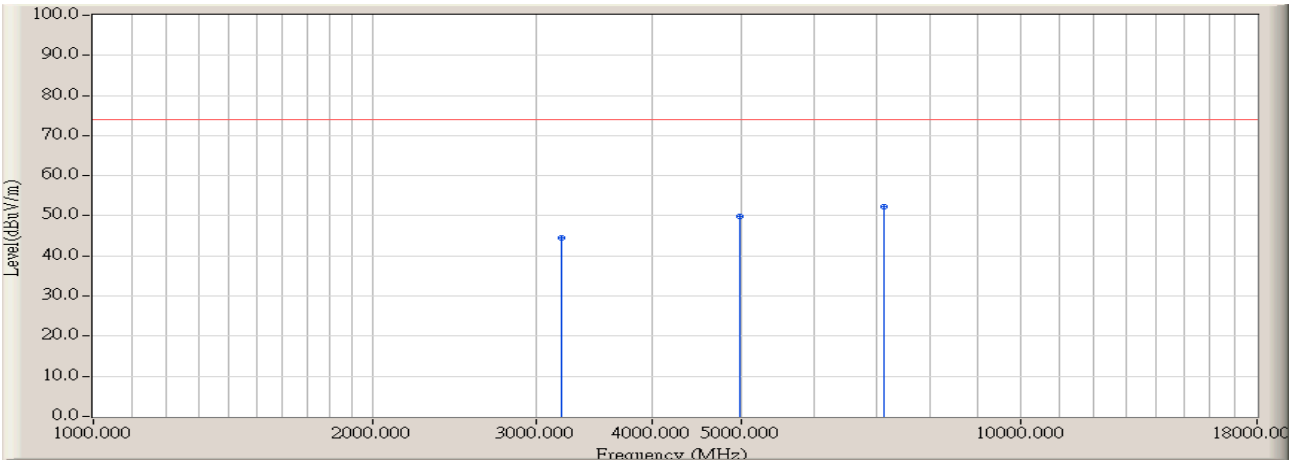
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3244.000	-1.790	43.656	41.866	-32.104	73.970	PEAK	100.000	126.500
2		4995.000	3.880	43.320	47.200	-26.770	73.970	PEAK	110.300	142.800
3	*	7273.000	12.230	39.039	51.269	-22.701	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



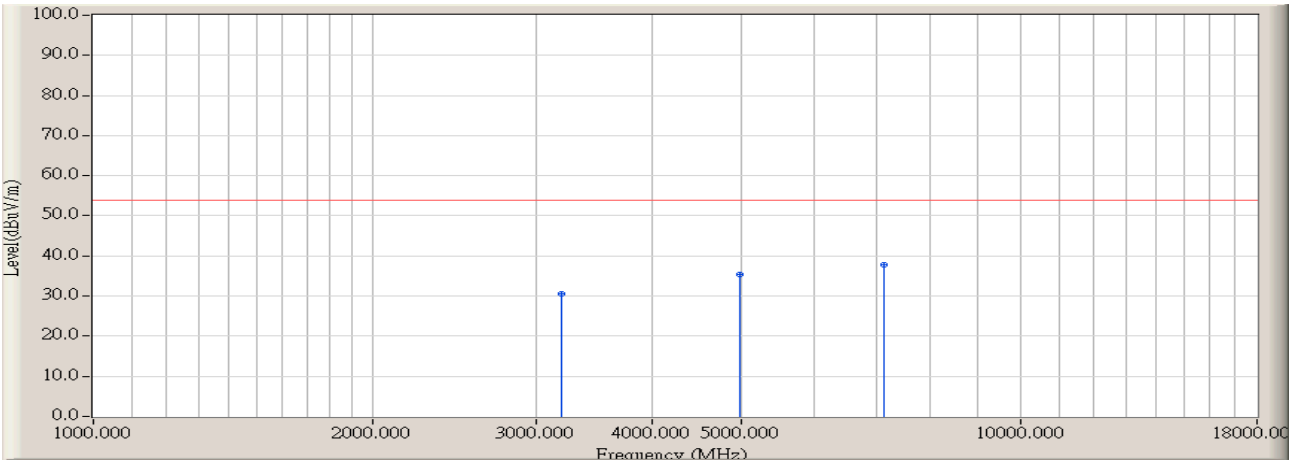
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3244.000	-1.790	29.500	27.710	-26.260	53.970	AVERAGE	161.400	247.000
2		4995.000	3.880	29.300	33.180	-20.790	53.970	AVERAGE	159.000	248.600
3	*	7273.000	12.230	25.000	37.230	-16.740	53.970	AVERAGE	158.000	246.300

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:26**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



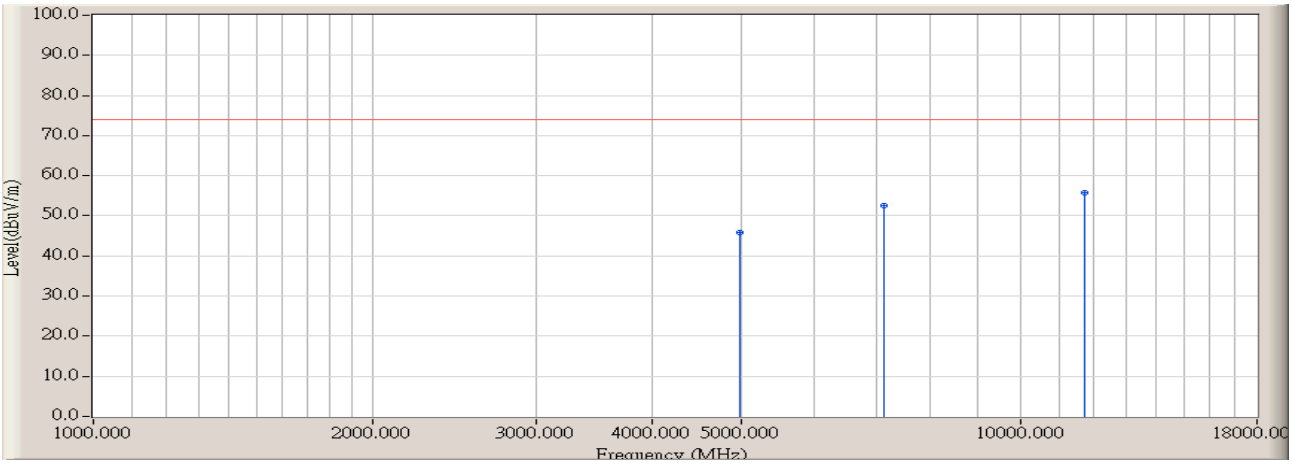
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	46.050	44.620	-29.350	73.970	PEAK	100.000	172.500
2		4978.000	4.000	45.804	49.804	-24.166	73.970	PEAK	100.000	167.400
3	*	7120.000	12.580	39.684	52.264	-21.706	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:26**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2437MHz**



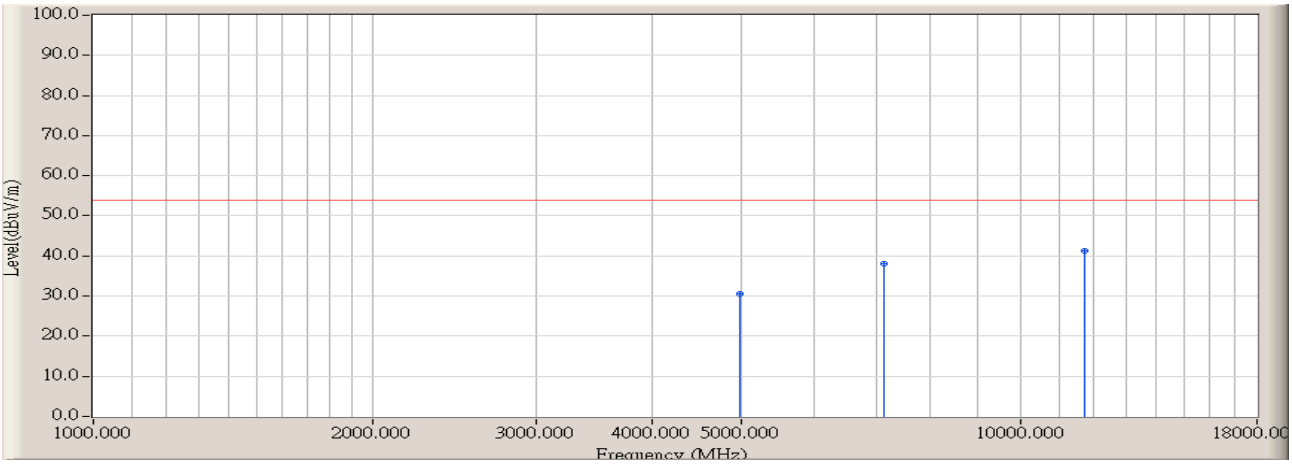
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3193.000	-1.430	32.100	30.670	-23.300	53.970	AVERAGE	164.000	245.000
2		4978.000	4.000	31.500	35.500	-18.470	53.970	AVERAGE	162.000	20.800
3	*	7120.000	12.580	25.200	37.780	-16.190	53.970	AVERAGE	176.000	245.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



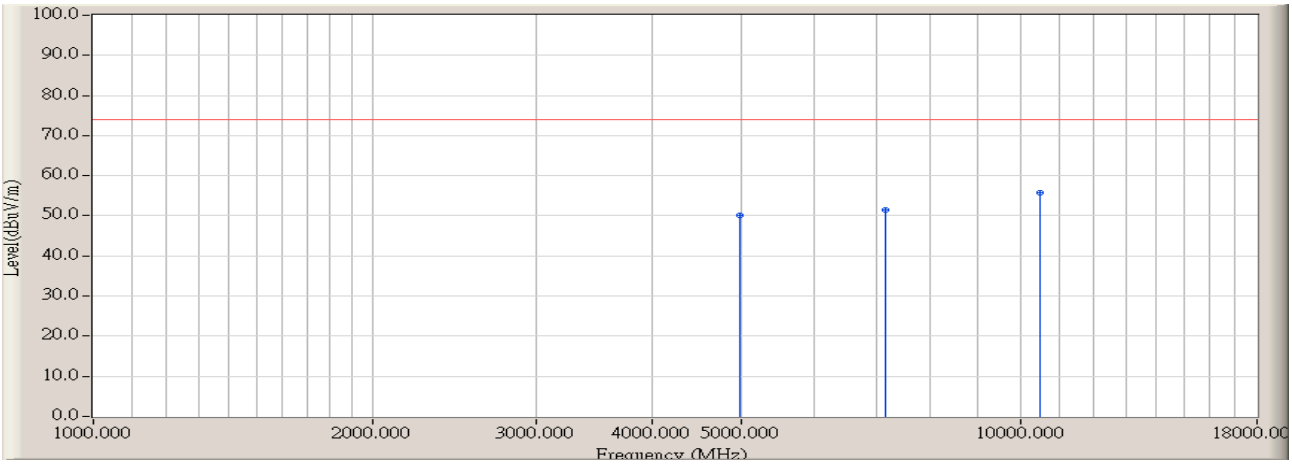
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	41.747	45.747	-28.223	73.970	PEAK	100.000	126.500
2		7137.000	12.900	39.599	52.499	-21.471	73.970	PEAK	110.300	142.800
3	*	11744.000	16.800	38.892	55.692	-18.278	73.970	PEAK	105.000	136.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



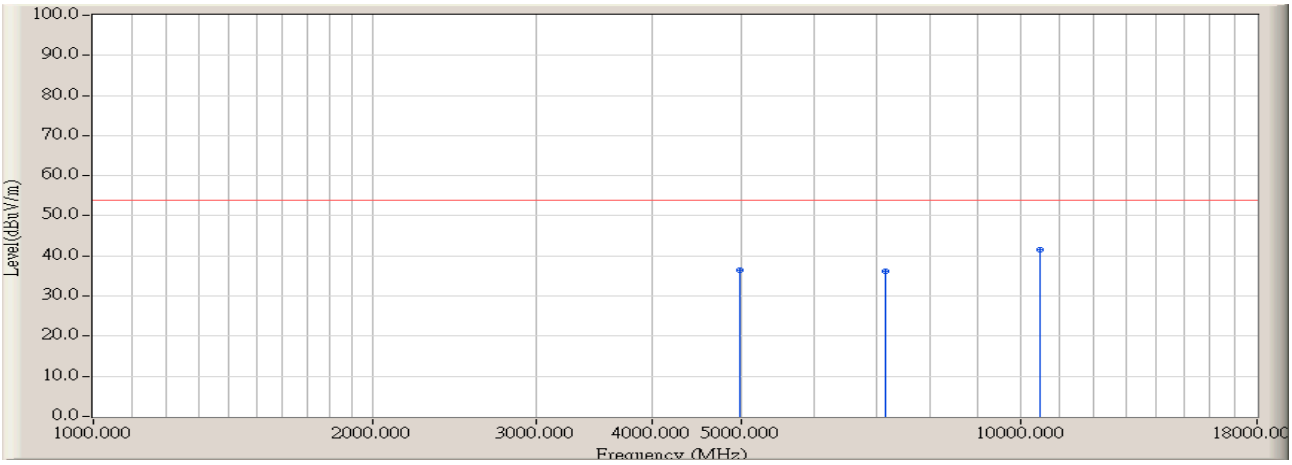
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4978.000	4.000	26.500	30.500	-23.470	53.970	AVERAGE	154.000	215.000
2		7137.000	12.900	25.300	38.200	-15.770	53.970	AVERAGE	146.000	156.000
3	*	11744.000	16.800	24.600	41.400	-12.570	53.970	AVERAGE	158.000	36.900

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:29**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



		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		4978.000	4.000	46.034	50.034	-23.936	73.970	PEAK	100.000	172.500
2		7154.000	13.070	38.414	51.484	-22.486	73.970	PEAK	100.000	167.400
3	*	10503.000	17.260	38.398	55.658	-18.312	73.970	PEAK	103.600	206.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/04 - 16:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



		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		4978.000	4.000	32.500	36.500	-17.470	53.970	AVERAGE	164.000	324.000
2		7154.000	13.070	23.200	36.270	-17.700	53.970	AVERAGE	149.000	120.600
3	*	10503.000	17.260	24.300	41.560	-12.410	53.970	AVERAGE	148.000	254.000

5. RF Antenna Conducted Spurious

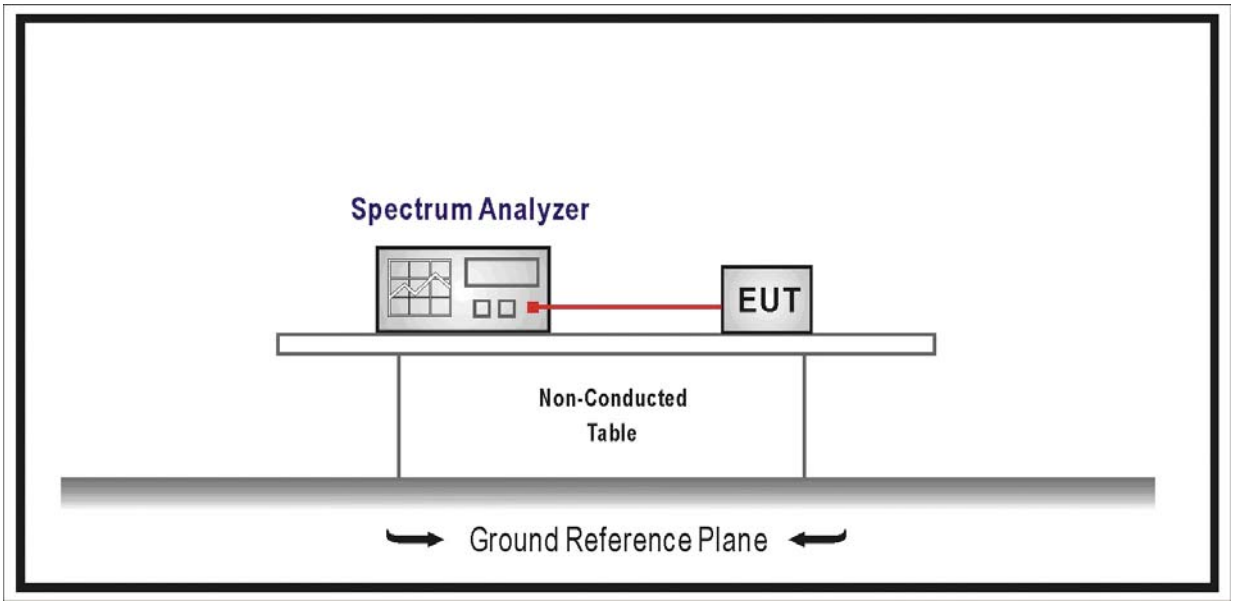
5.1. Test Equipment

RF Antenna Conducted Spurious / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

5.2. Test Setup



5.3. Limit

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.

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.

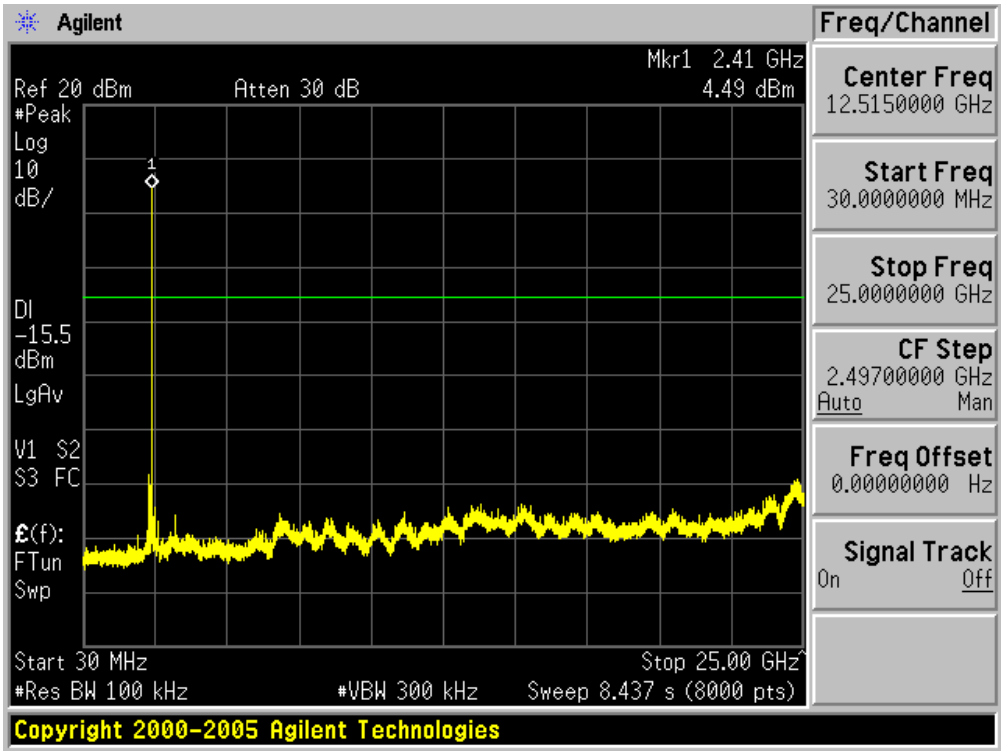
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

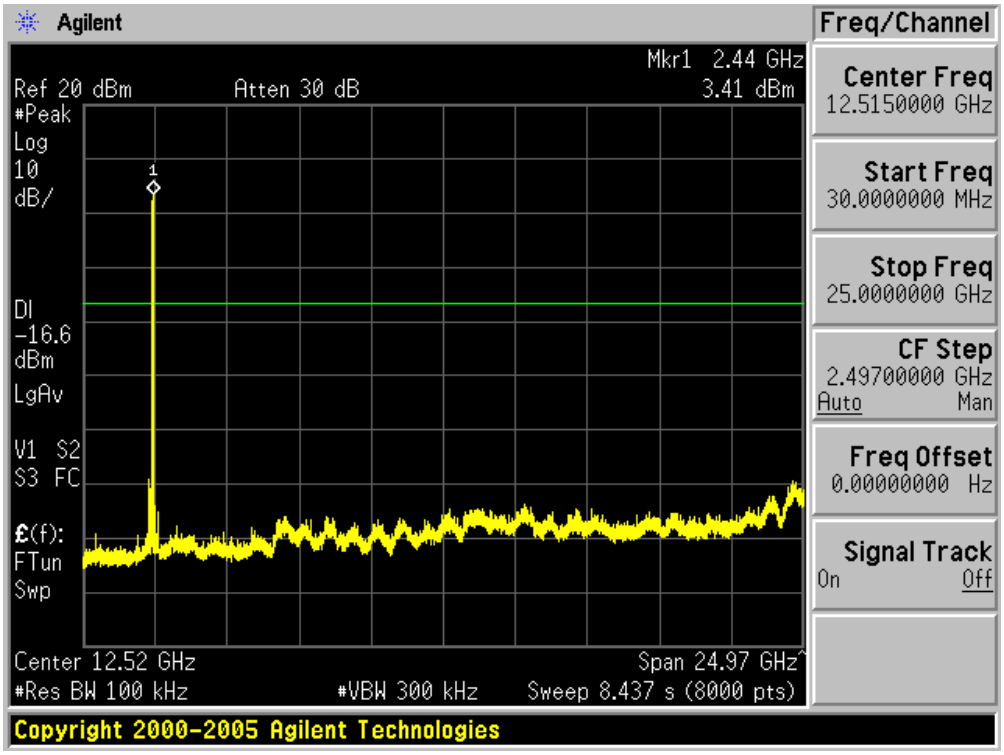
5.6. Test Result

Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

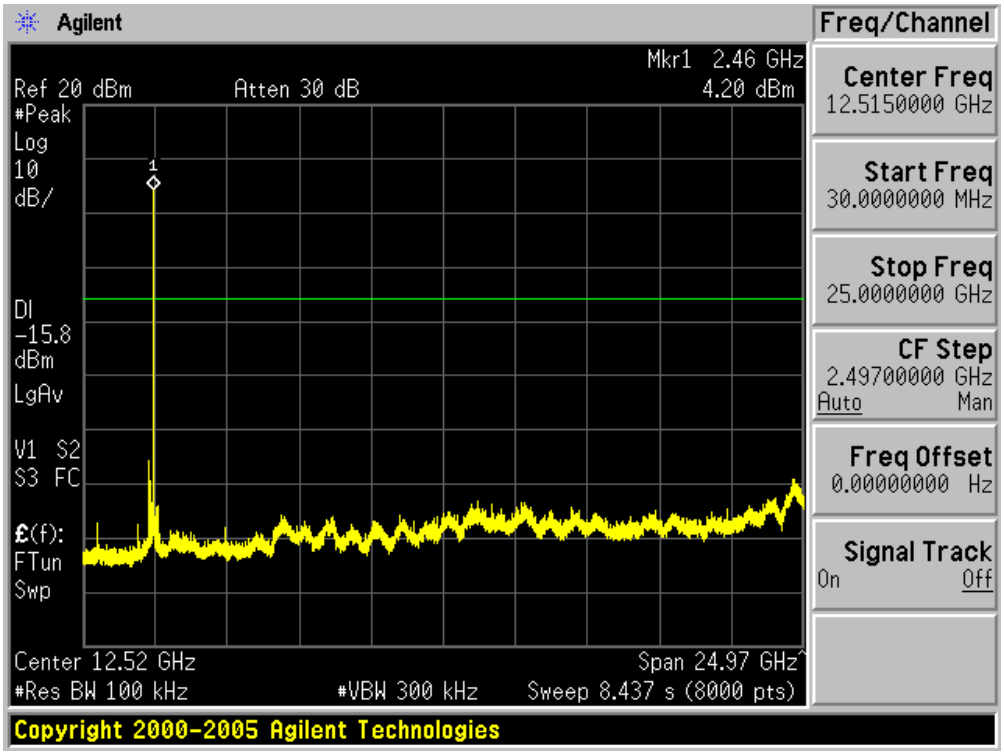
Channel 01 (2412MHz)



Channel 06 (2437MHz)

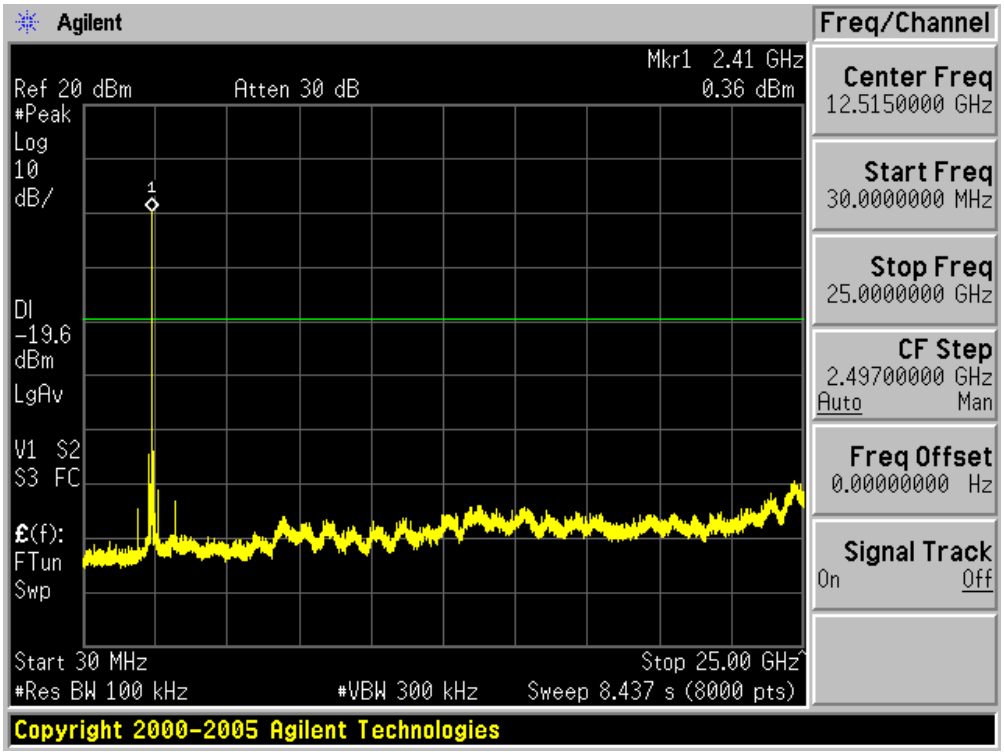


Channel 11 (2462MHz)

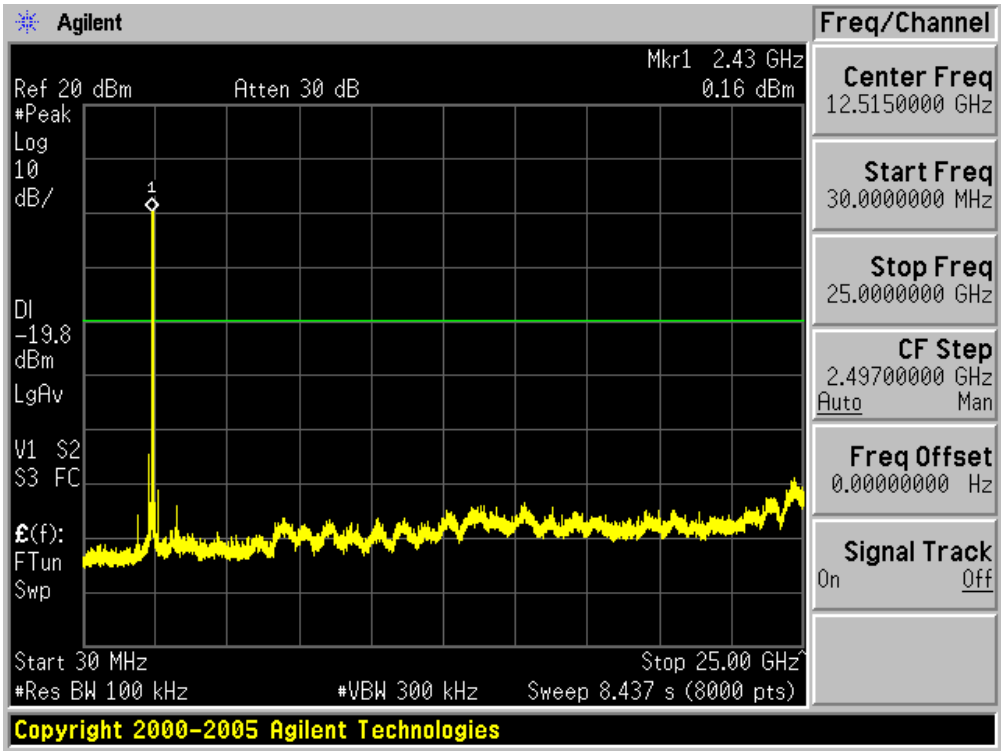


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

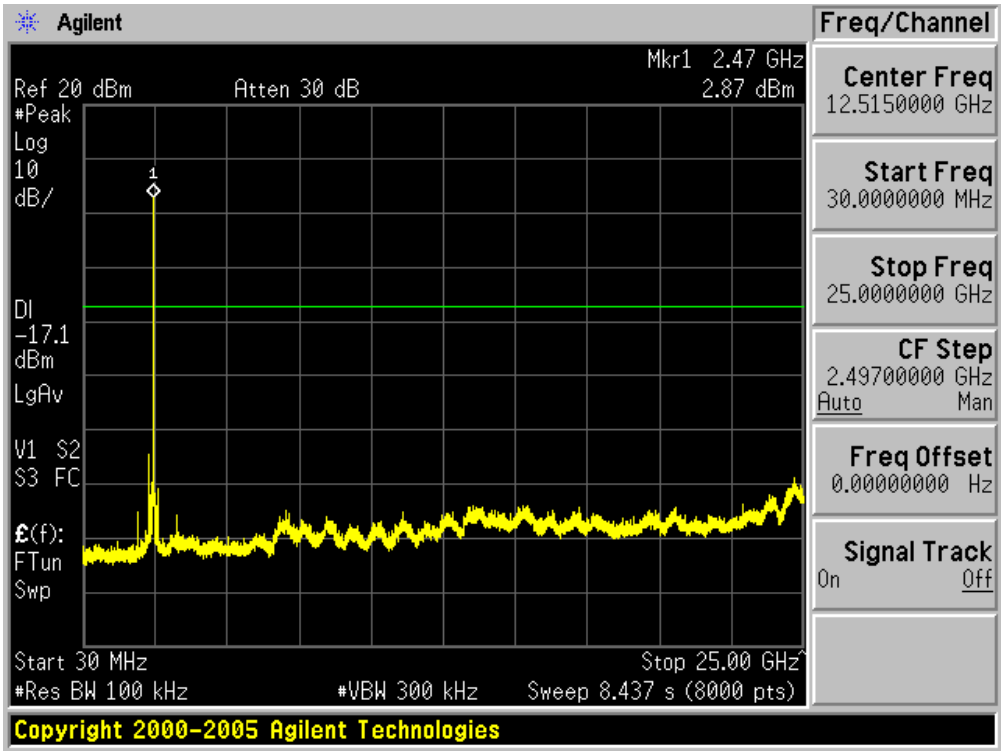
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/06/28
EMI Test Receiver	R&S	ESCI	100573	2008/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2008/03/31

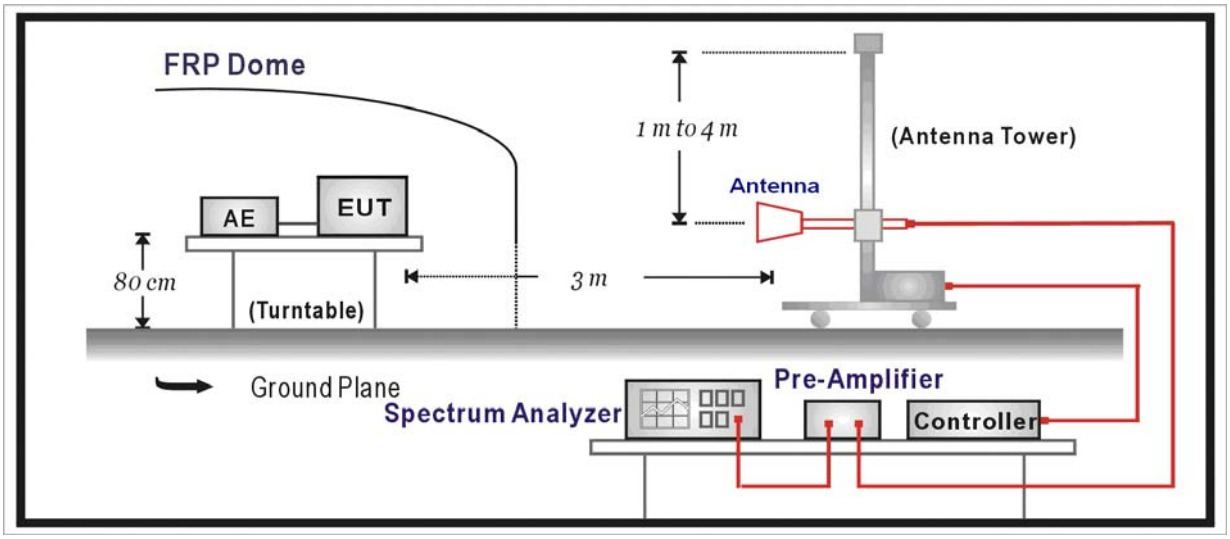
☐Radiated Emission / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2008/04/24
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Preamplifier	Quietek	AP-025C	QT-AP004	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112D	22254	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
50ohm Coaxial Switch	Anritsu	MP59B	6200464463	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	05	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2008/03/31

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

Note 2: The test instruments marked with “X” are used to measure the final test results.

6.2. Test Setup



6.3. Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.4. Test Procedure

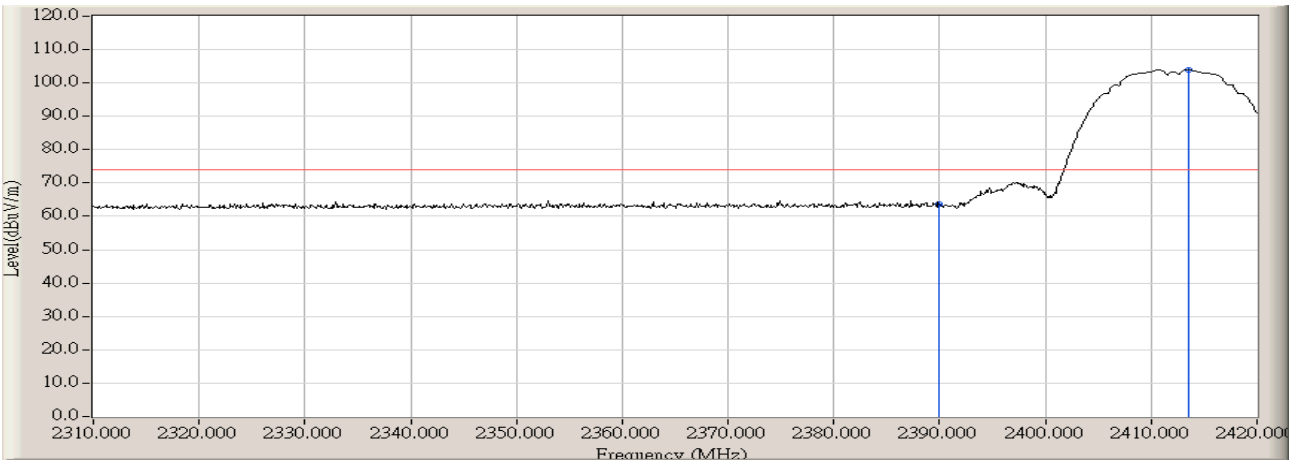
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum 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 above 1G is defined as ± 3.9 dB

6.6. Test Result

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**

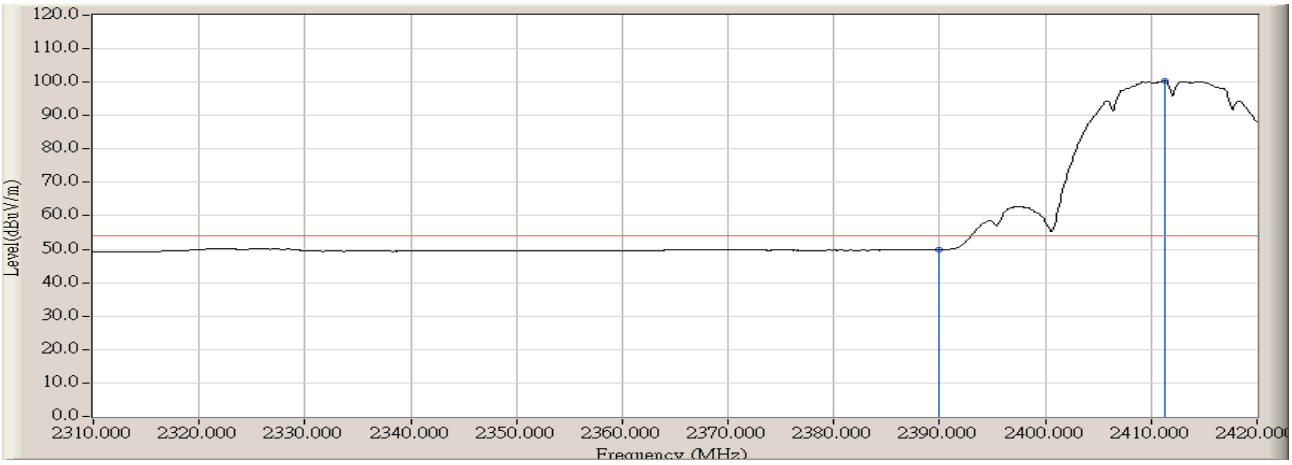


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	30.956	63.678	-10.292	73.970	PEAK
2	*	2413.510	32.735	71.144	103.878	N/A	N/A	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:46**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**

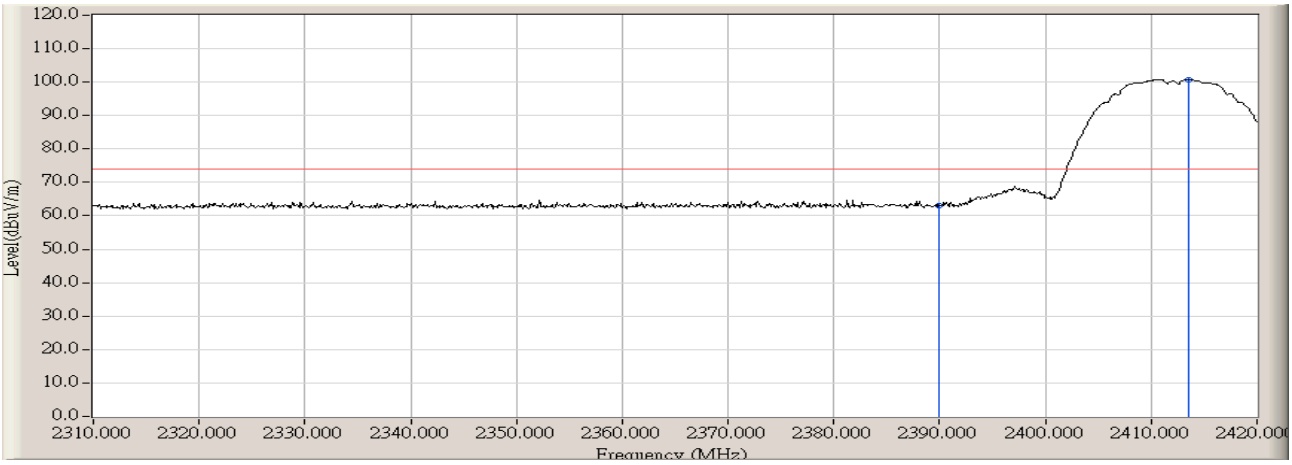


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	17.162	49.884	-4.086	53.970	AVERAGE
2	*	2411.310	32.731	67.659	100.390	N/A	N/A	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**

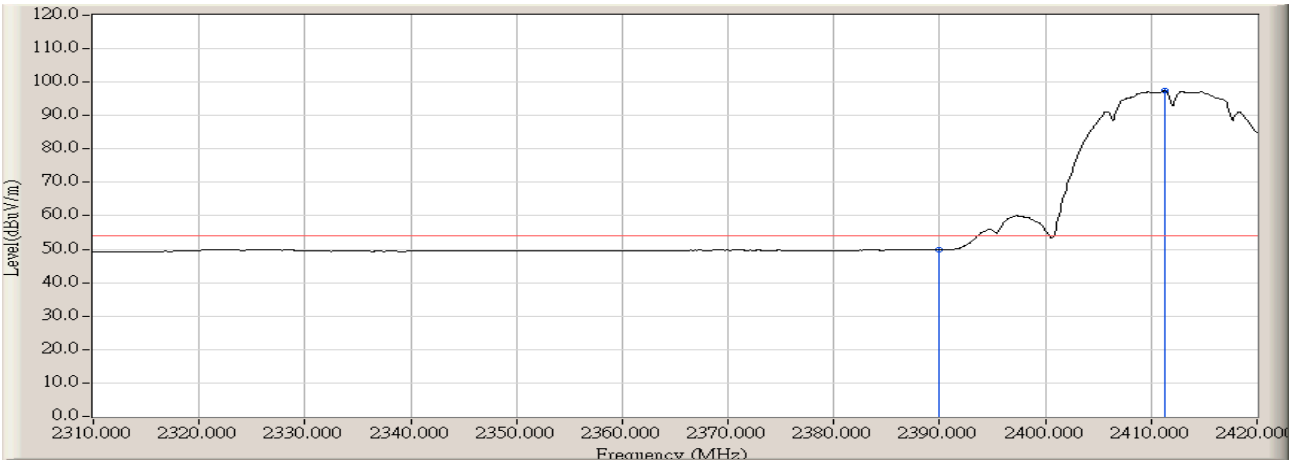


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	30.285	63.007	-10.963	73.970	PEAK
2	*	2413.510	32.735	68.041	100.775	N/A	N/A	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:51**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2412MHz**

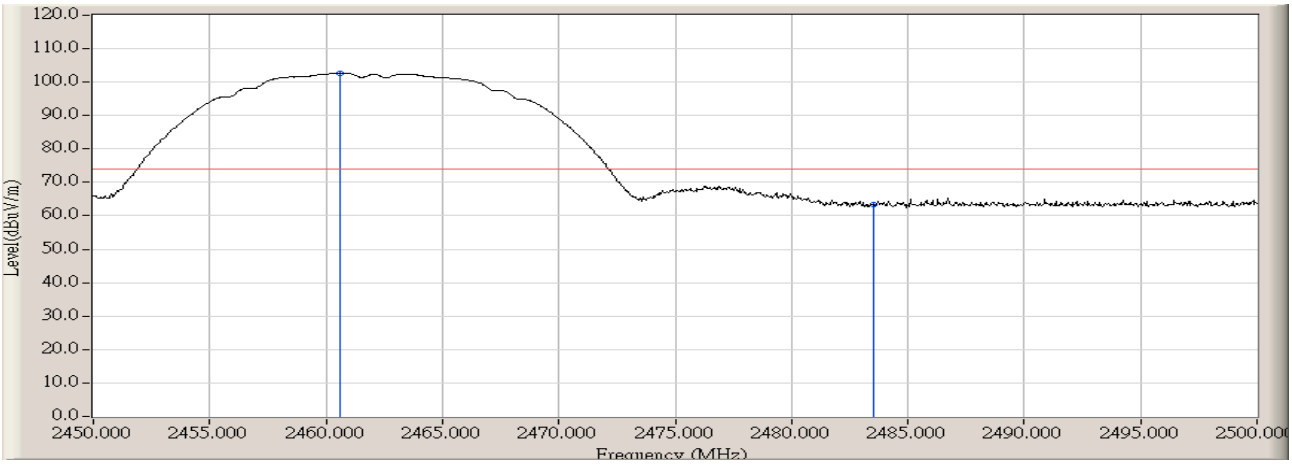


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	17.059	49.781	-4.189	53.970	AVERAGE
2	*	2411.310	32.731	64.614	97.345	N/A	N/A	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**

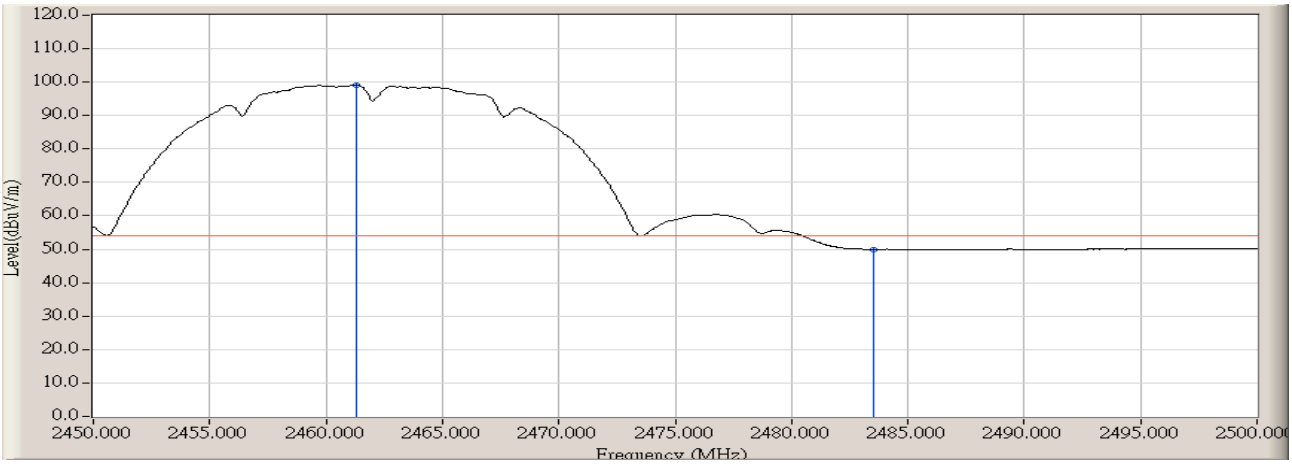


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.600	32.789	69.878	102.667	N/A	N/A	PEAK
2		2483.500	32.787	30.579	63.366	-10.604	73.970	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**

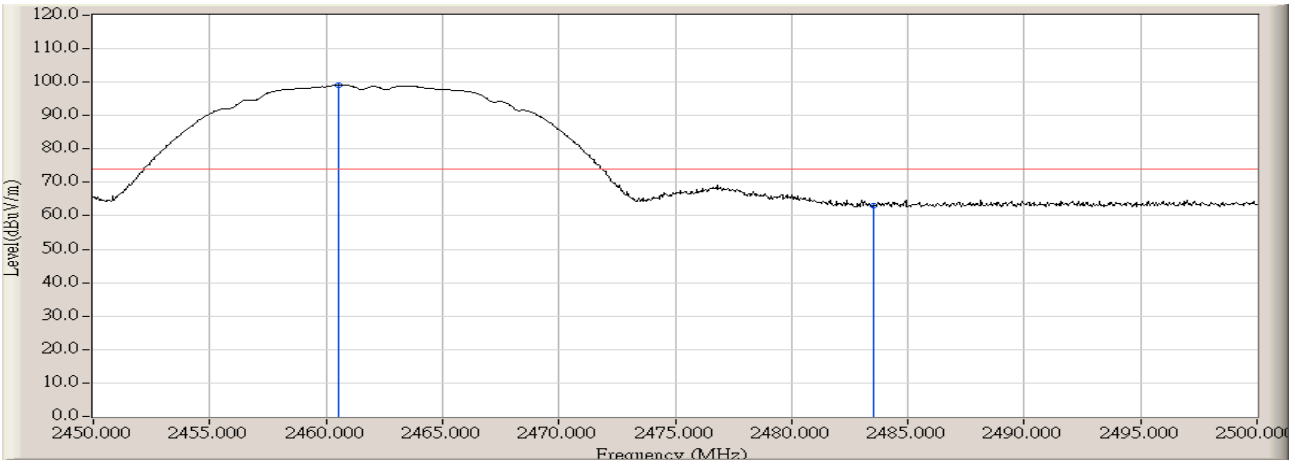


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.300	32.790	66.390	99.180	N/A	N/A	AVERAGE
2		2483.500	32.787	17.211	49.998	-3.972	53.970	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:58**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**

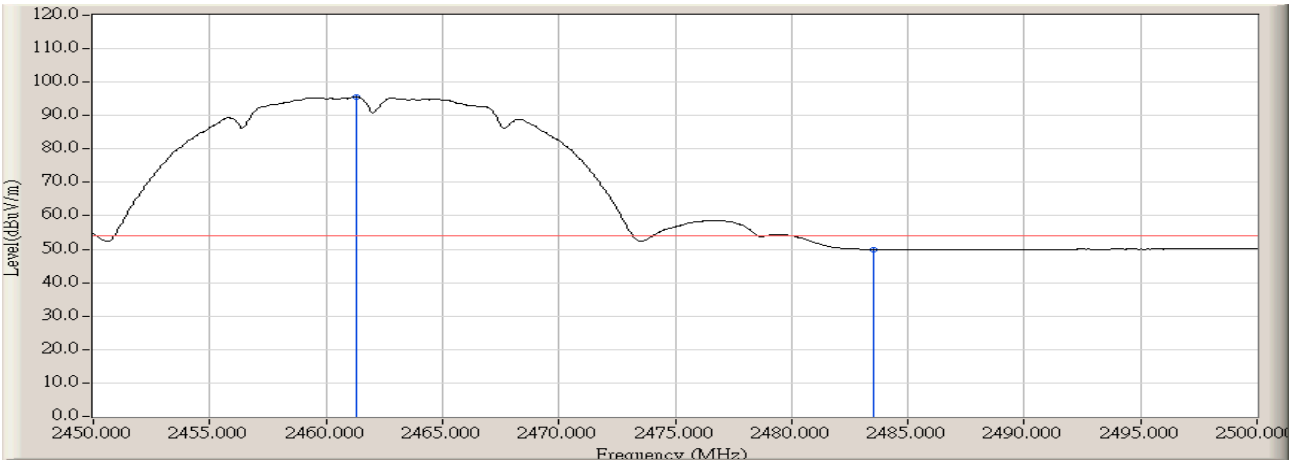


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.550	32.789	66.269	99.058	N/A	N/A	PEAK
2		2483.500	32.787	30.377	63.164	-10.806	73.970	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 16:59**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at channel 2462MHz**

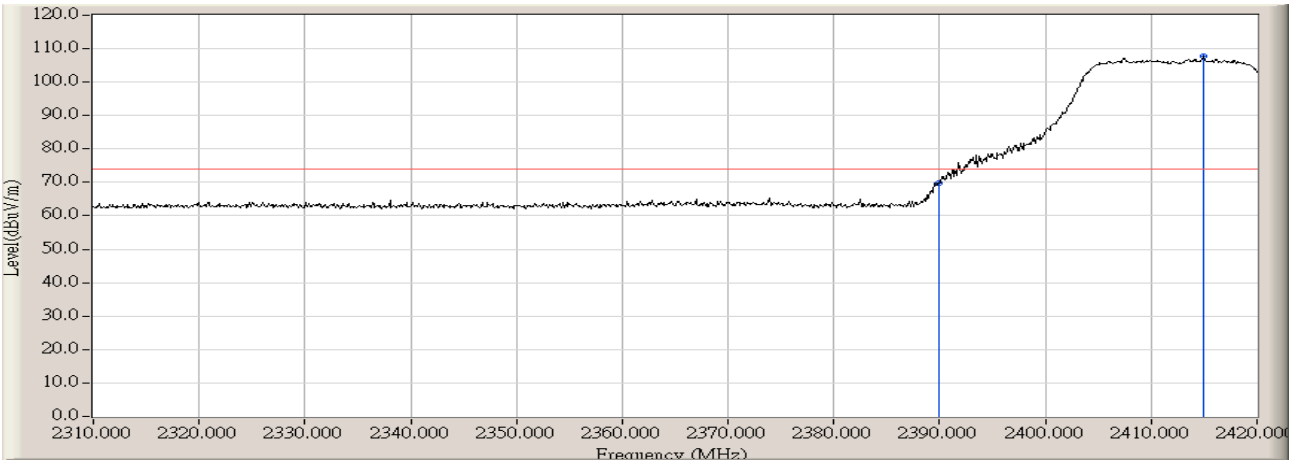


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.300	32.790	62.753	95.543	N/A	N/A	AVERAGE
2		2483.500	32.787	17.156	49.943	-4.027	53.970	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:03**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**

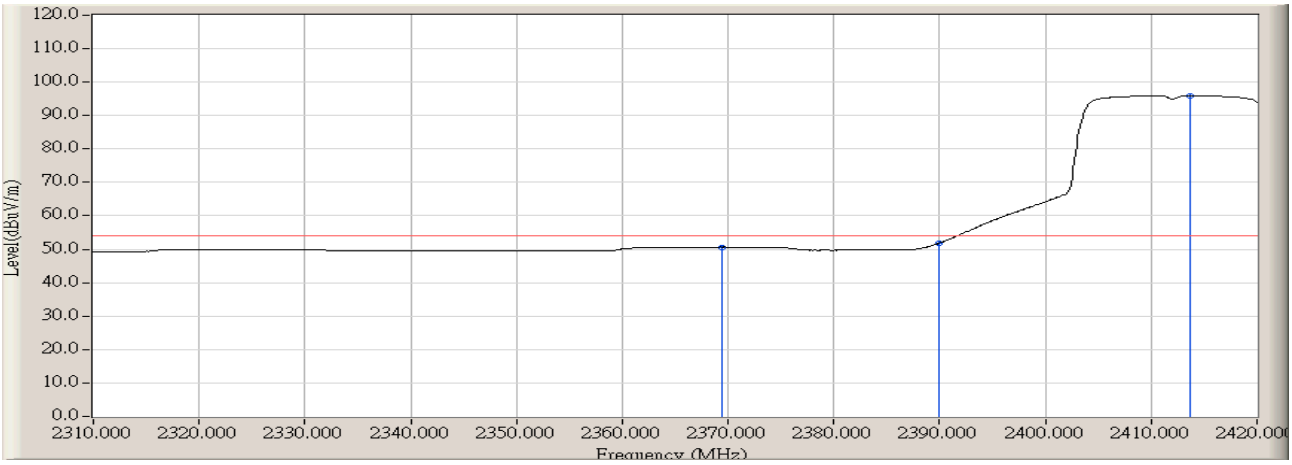


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	37.143	69.865	-4.105	73.970	PEAK
2	*	2414.940	32.737	74.926	107.663	N/A	N/A	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:04**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**

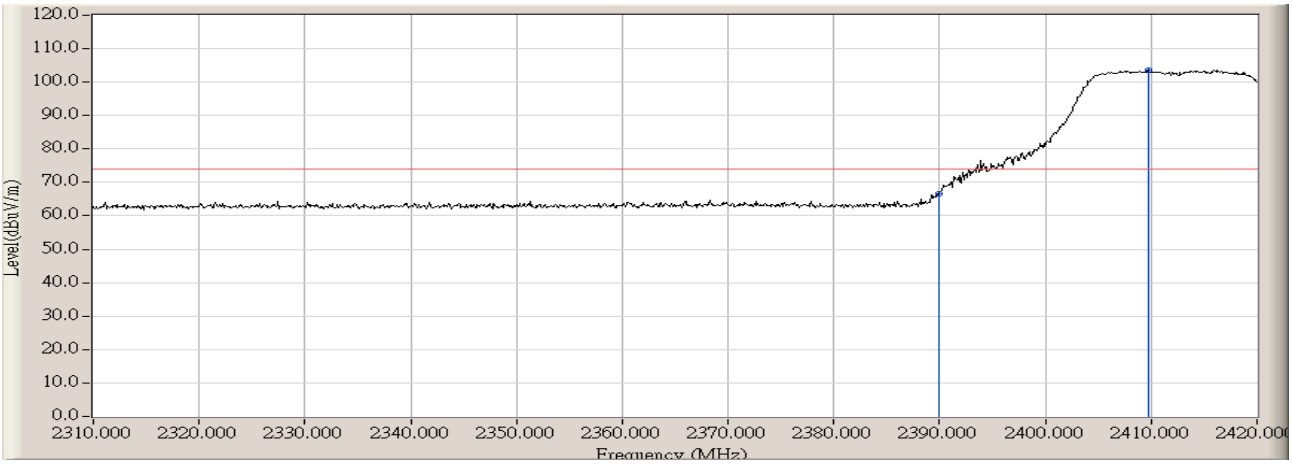


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2369.400	32.739	17.908	50.647	-3.323	53.970	AVERAGE
2		2390.000	32.722	19.135	51.857	-2.113	53.970	AVERAGE
3	*	2413.730	32.734	63.290	96.025	N/A	N/A	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:08**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**

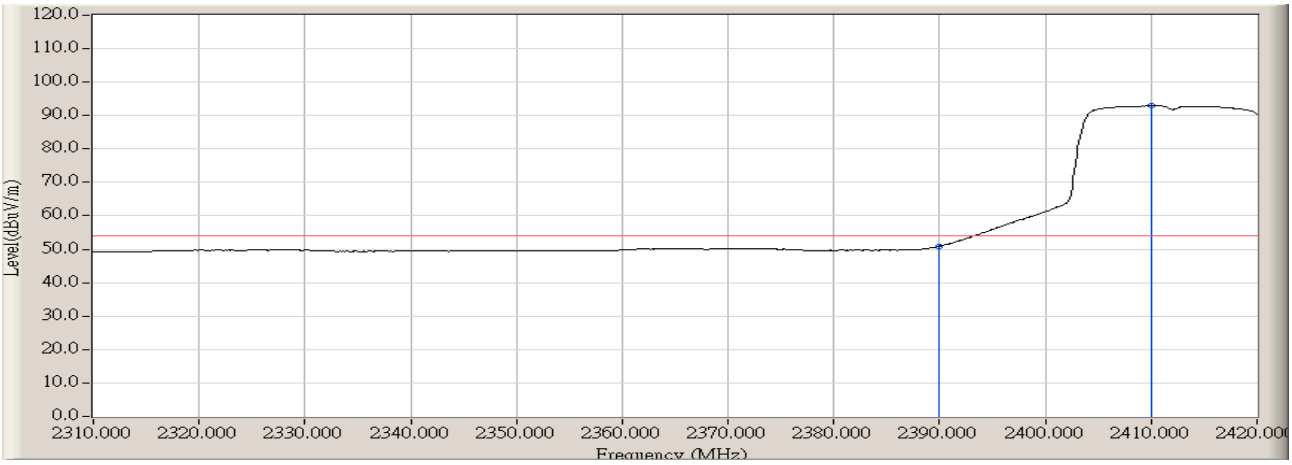


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	33.943	66.665	-7.305	73.970	PEAK
2	*	2409.770	32.730	70.938	103.667	N/A	N/A	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:08**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2412MHz**

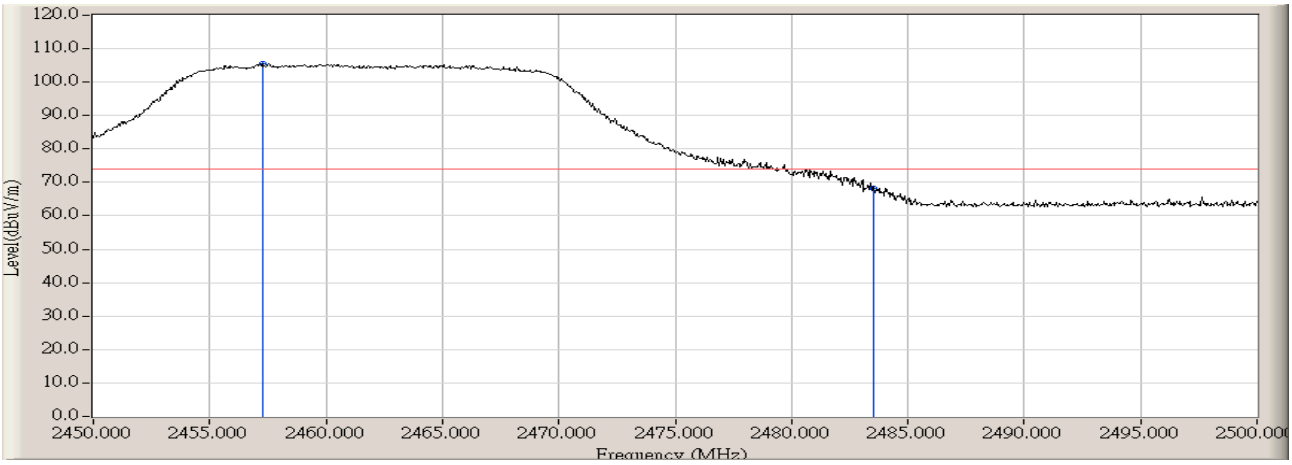


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	18.206	50.928	-3.042	53.970	AVERAGE
2	*	2409.990	32.730	60.160	92.889	N/A	N/A	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**

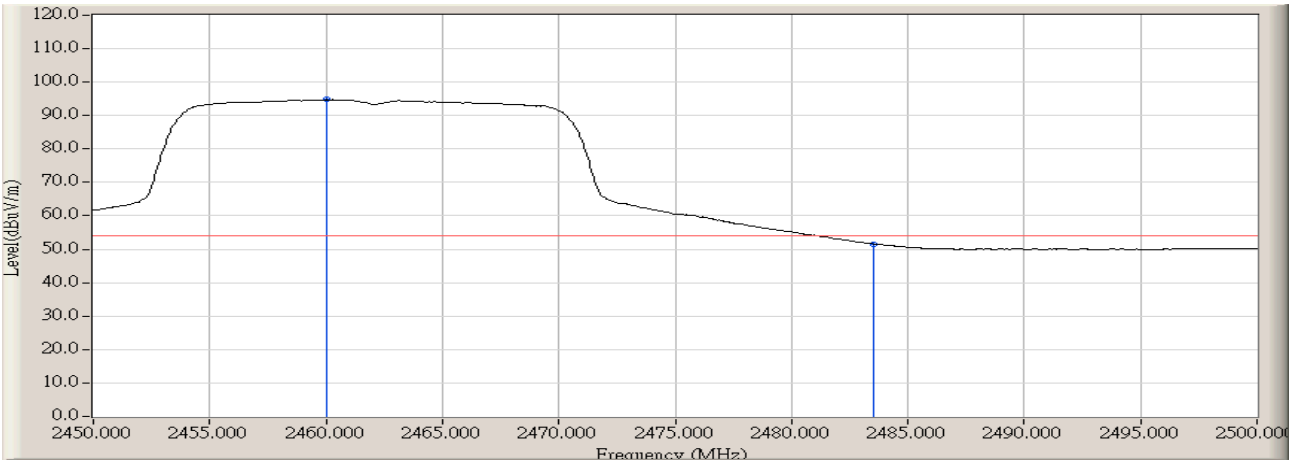


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.300	32.787	72.864	105.651	N/A	N/A	PEAK
2		2483.500	32.787	35.515	68.302	-5.668	73.970	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**

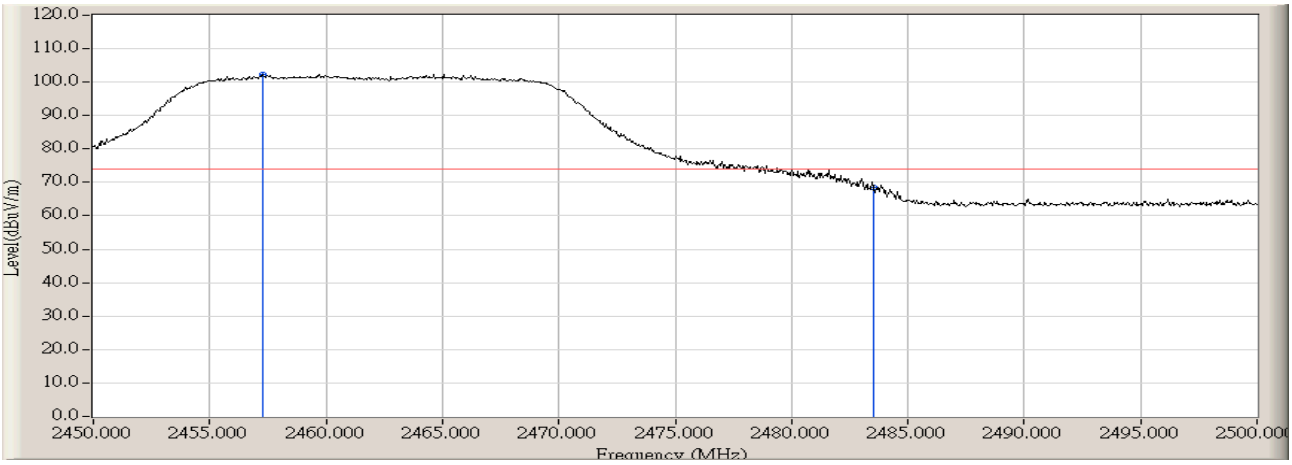


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.000	32.789	61.980	94.769	N/A	N/A	AVERAGE
2		2483.500	32.787	18.827	51.614	-2.356	53.970	AVERAGE

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:16**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**

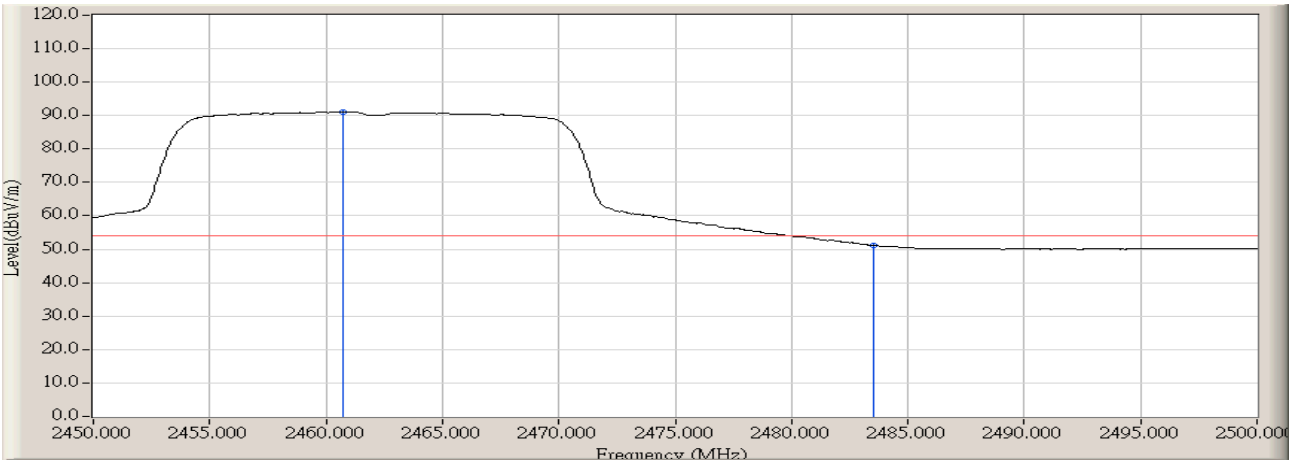


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.250	32.787	69.563	102.350	N/A	N/A	PEAK
2		2483.500	32.787	35.707	68.494	-5.476	73.970	PEAK

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

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/02 - 17:17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless for Eee PC	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at channel 2462MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.700	32.789	58.321	91.110	N/A	N/A	AVERAGE
2		2483.500	32.787	18.393	51.180	-2.790	53.970	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

7. Operation Frequency Range of 20dB Bandwidth

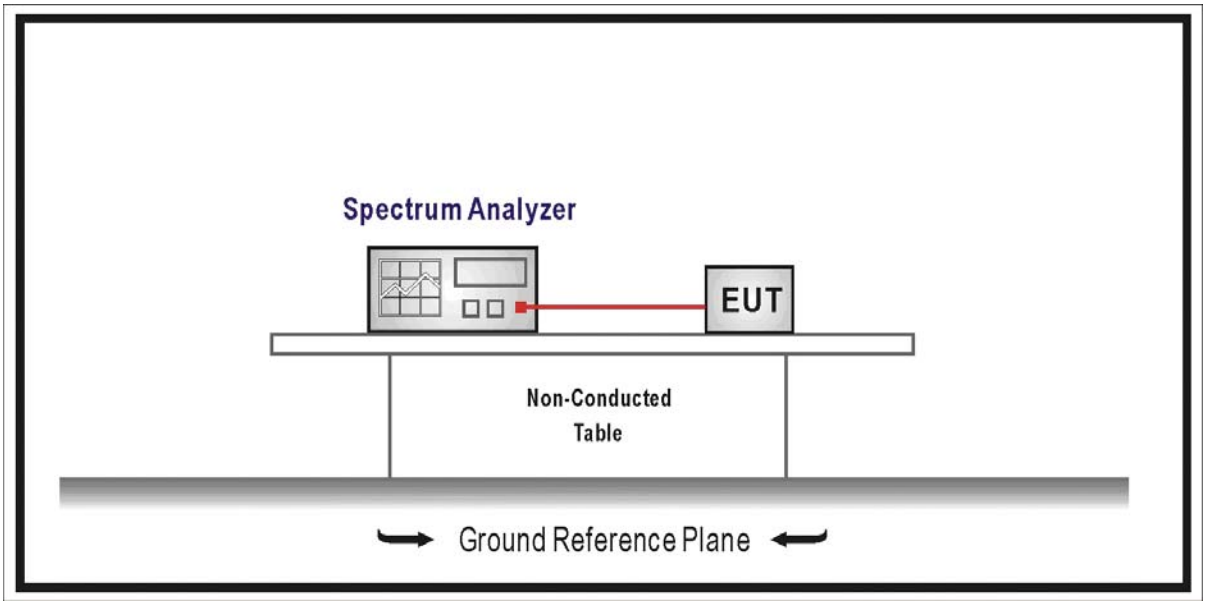
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

7.2. Test Setup



7.3. Limit

20 dB bandwidth of the emission is contained within the operation frequency band.

7.4. 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, Span greater than RBW.

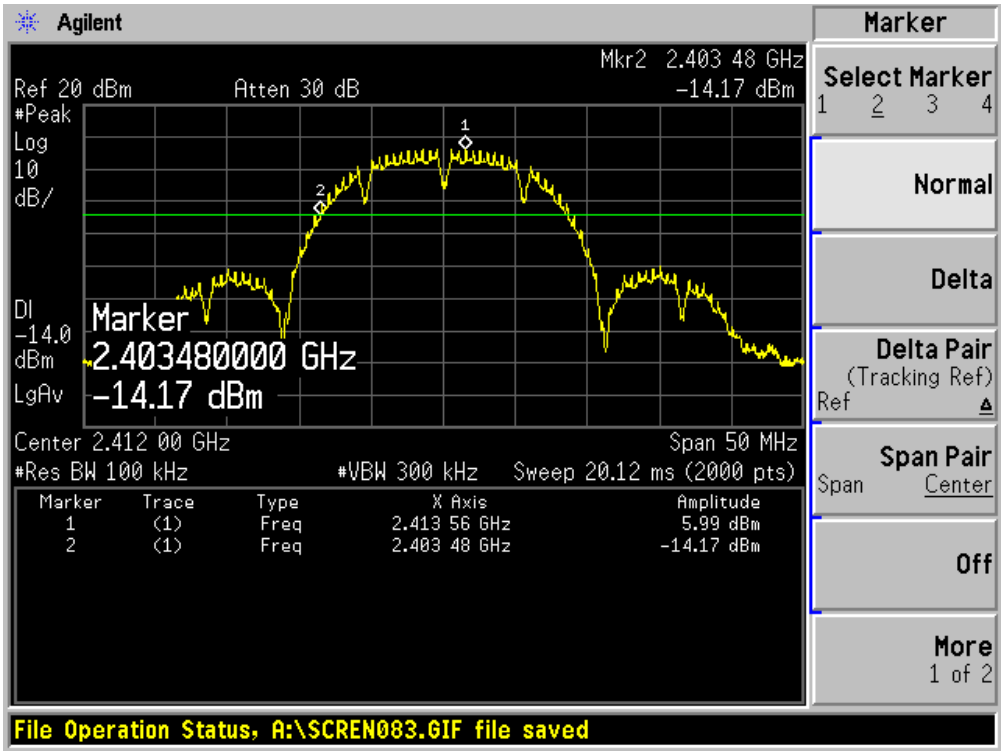
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

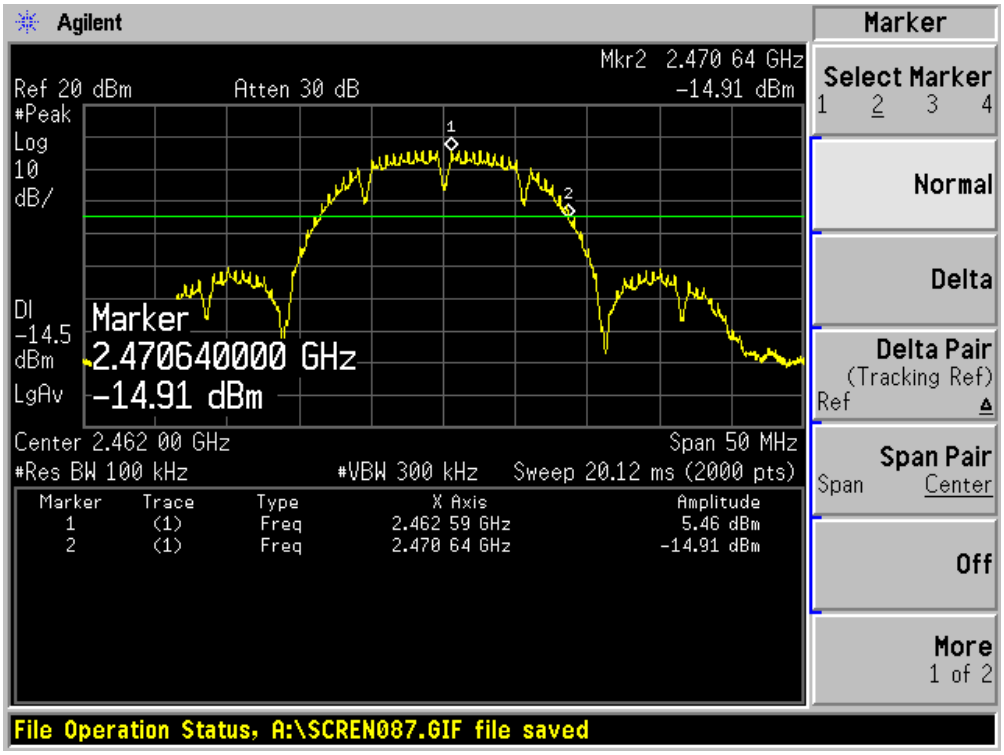
7.6. Test Result

Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel 01 (2412MHz)

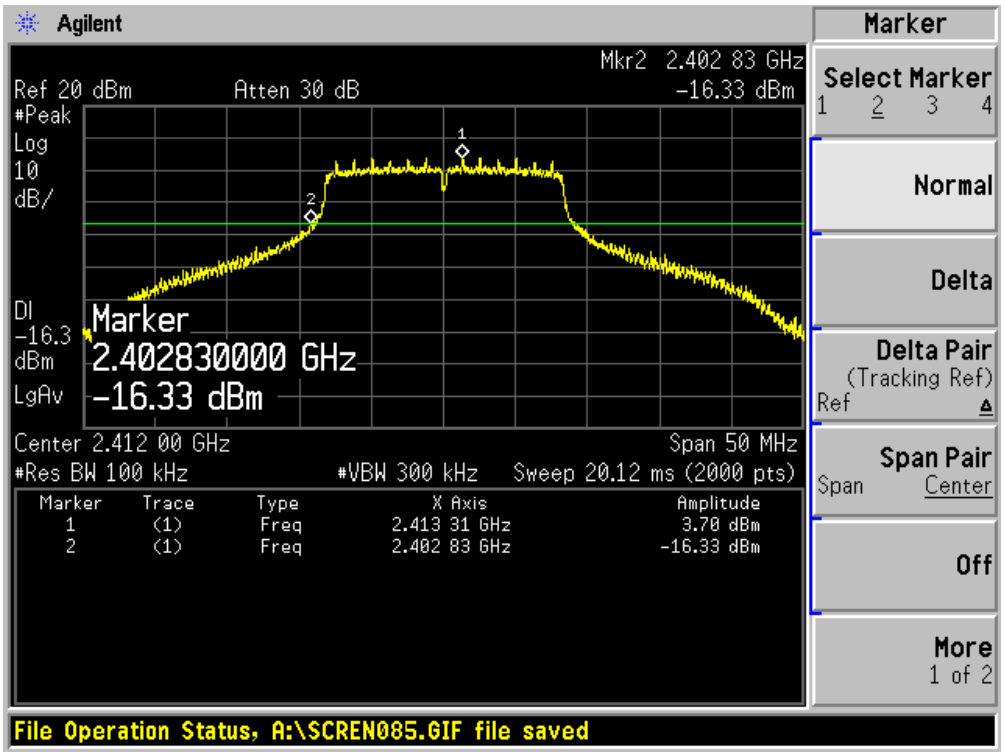


Channel 11 (2462MHz)

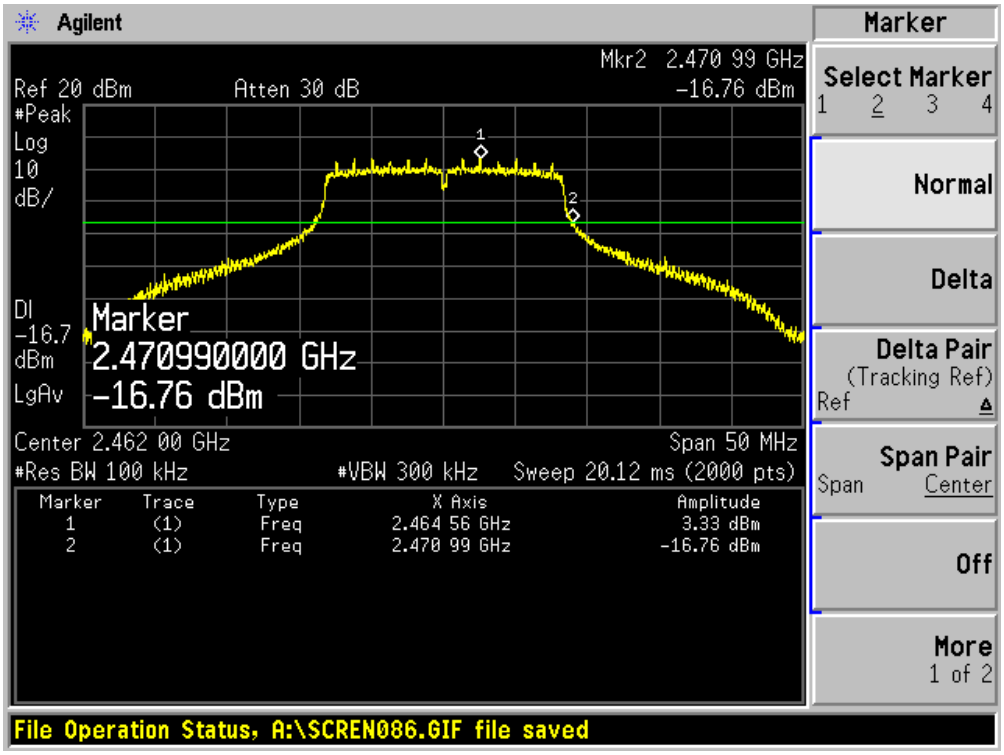


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel 01 (2412MHz)



Channel 11 (2462MHz)



8. Occupied Bandwidth

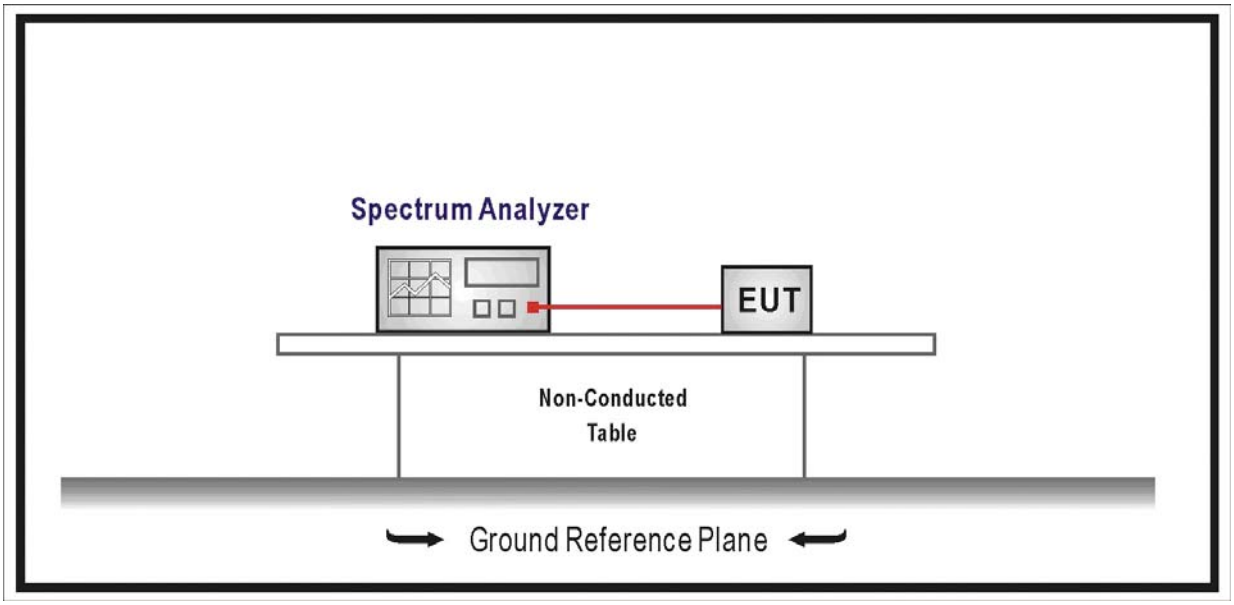
8.1. Test Equipment

Occupied Bandwidth / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

8.2. Test Setup



8.3. Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.4. 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, Span greater than RBW.

8.5. Uncertainty

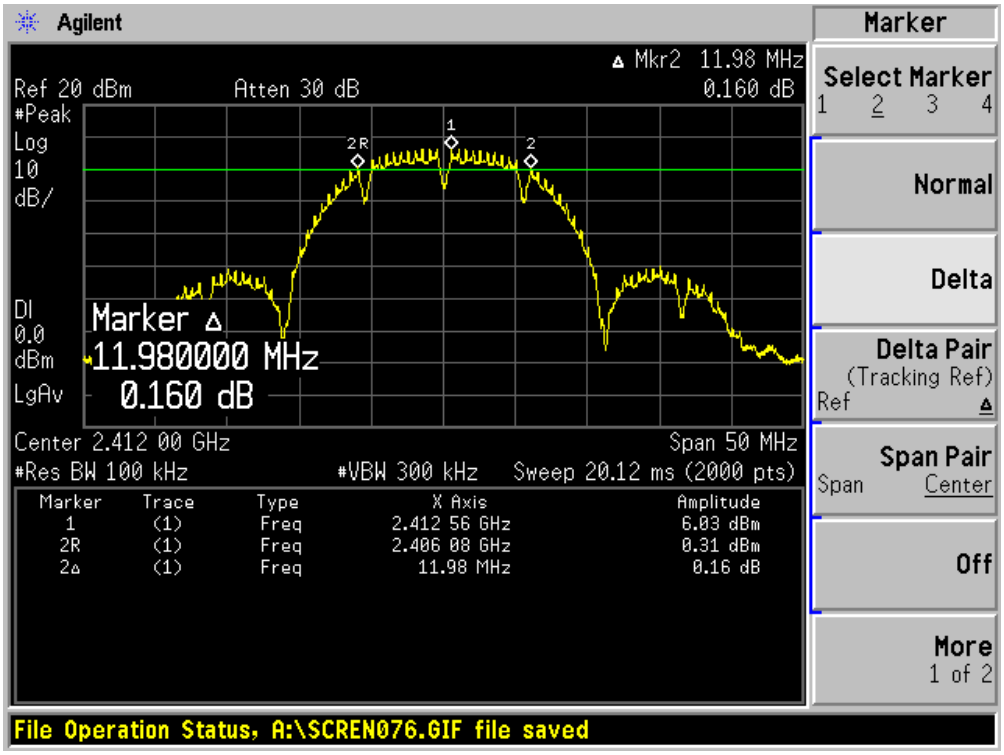
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

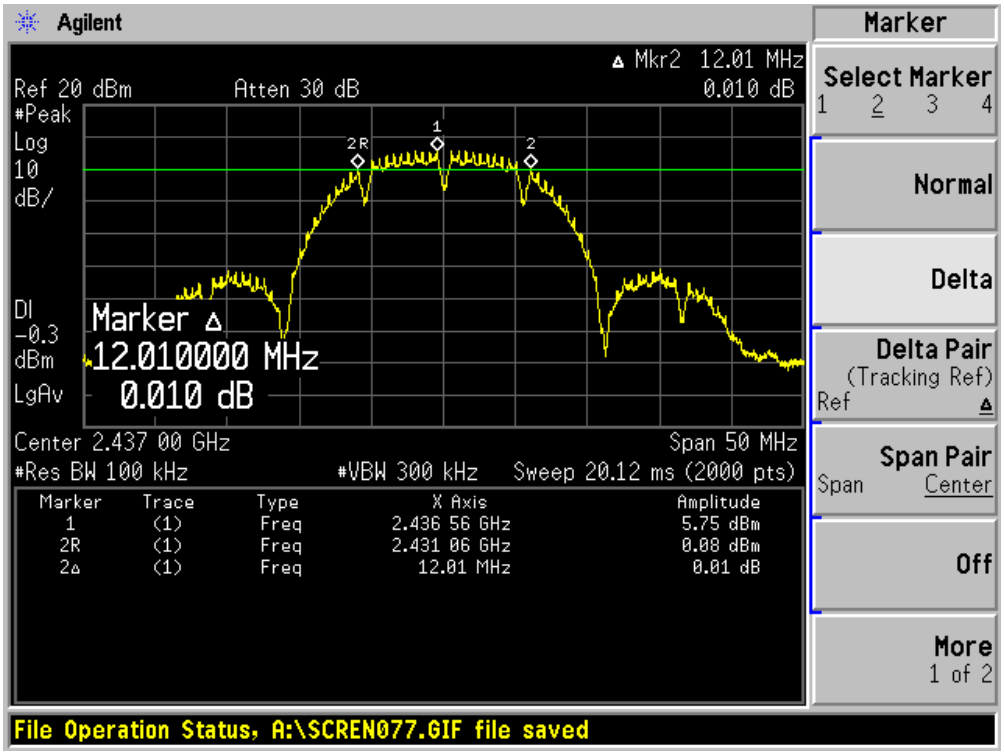
Product	:	Eee PC
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	11980	500	Pass
06	2437	12010	500	Pass
11	2462	11110	500	Pass

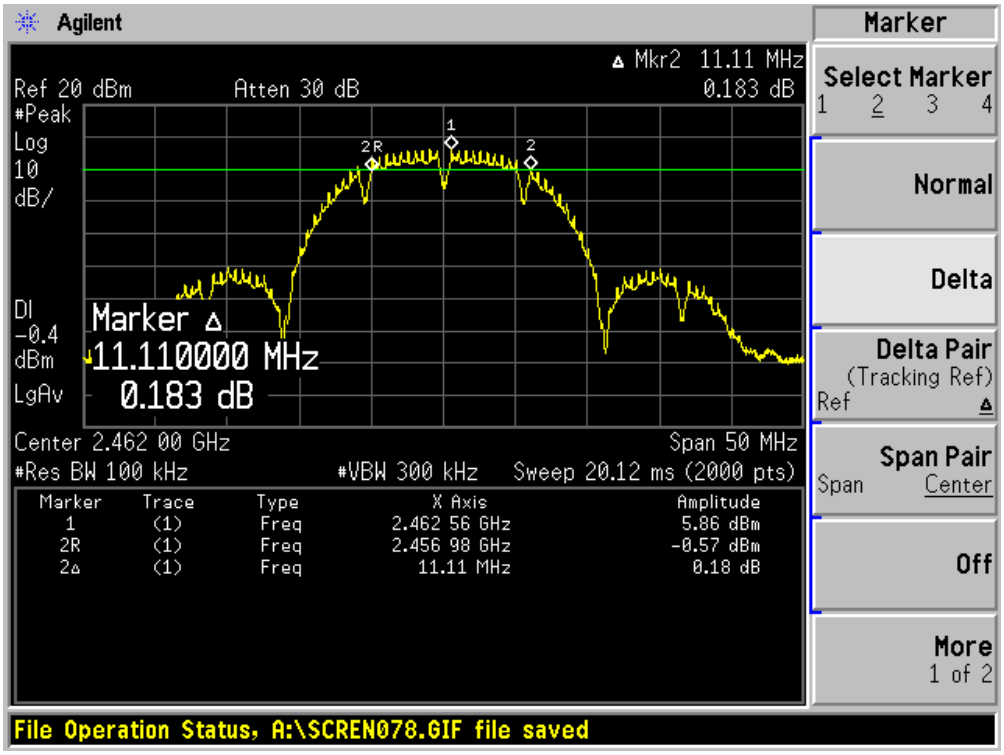
Channel 01 (2412MHz)



Channel 06 (2437MHz)



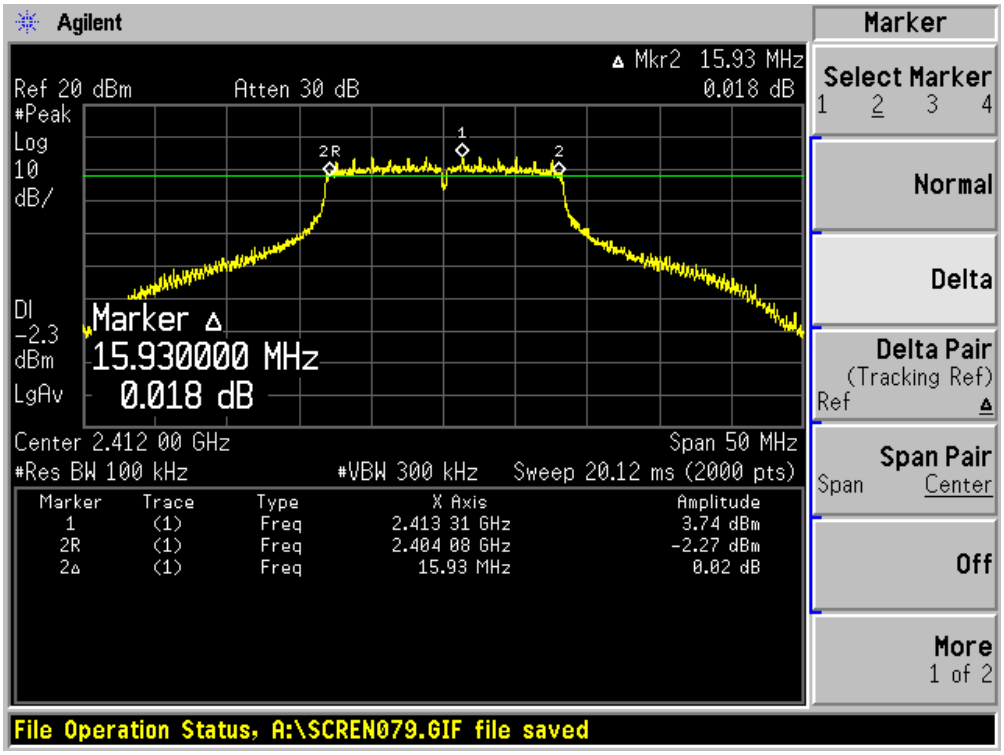
Channel 11 (2462MHz)



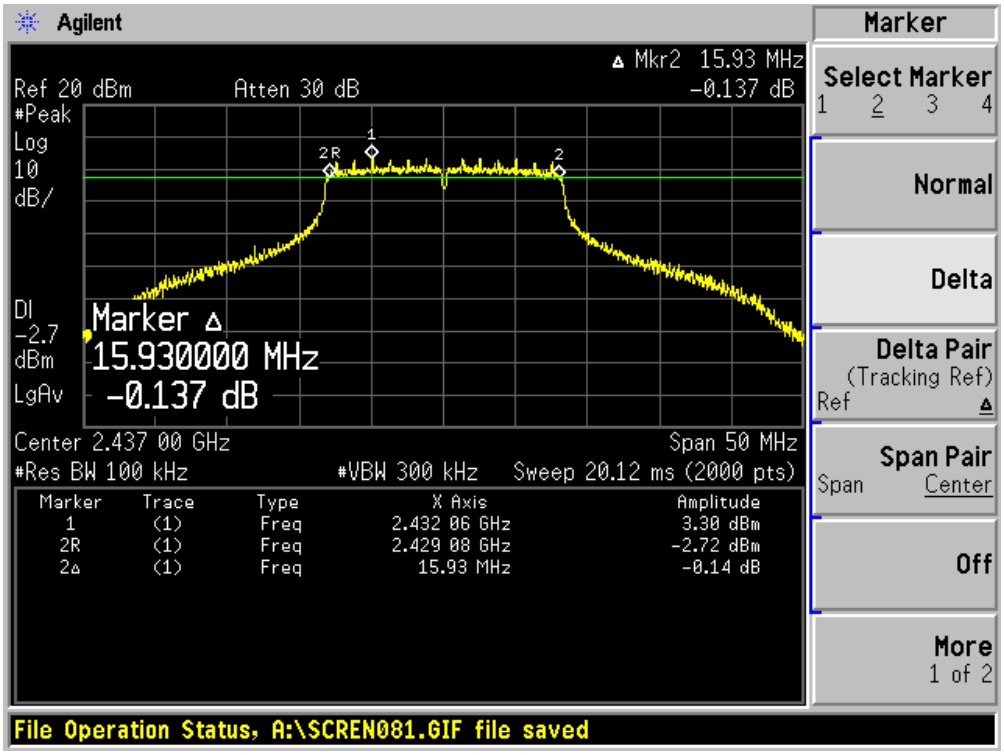
Product	:	Eee PC
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	15930	500	Pass
06	2437	15930	500	Pass
11	2462	16110	500	Pass

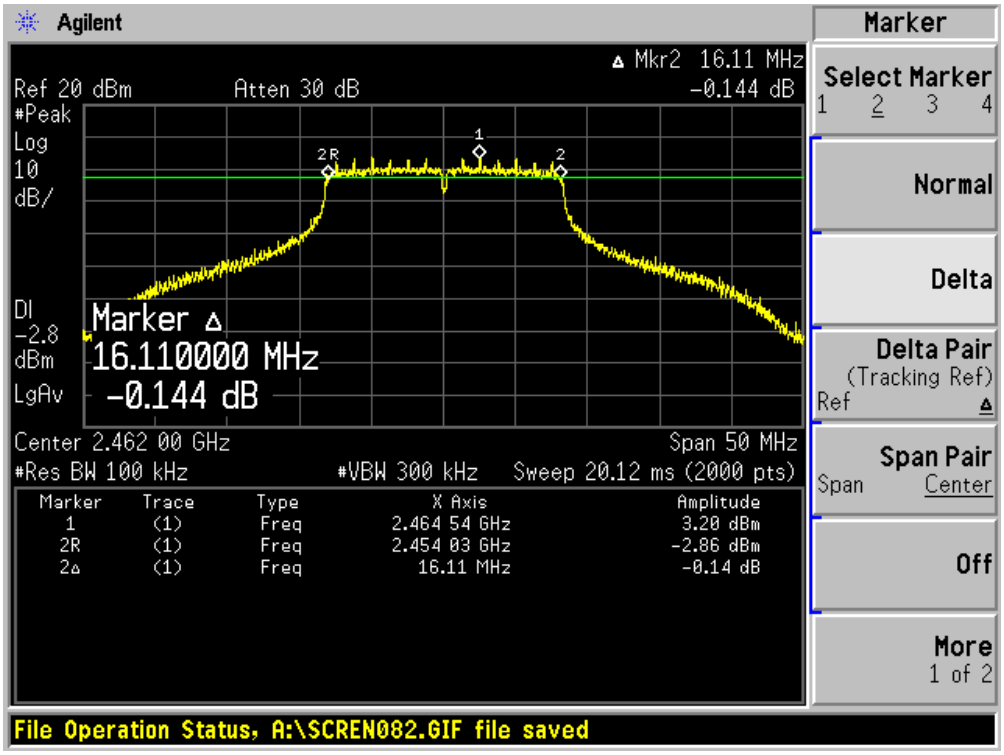
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



9. Power Output

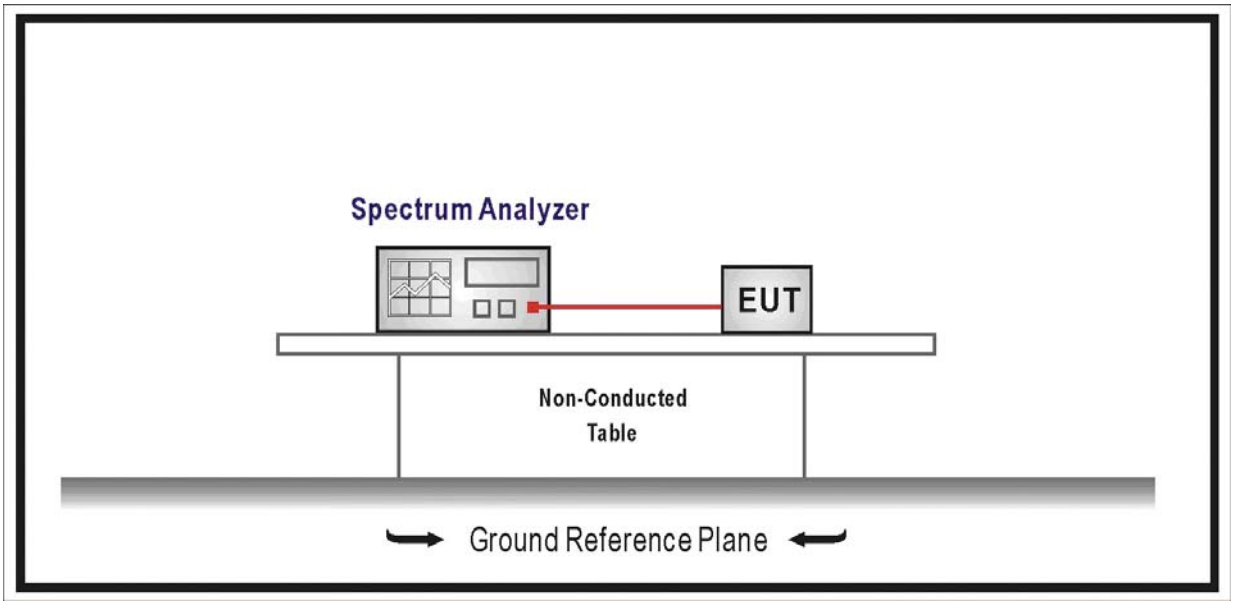
9.1. Test Equipment

Power Output / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

9.2. Test Setup



9.3. Limit

The maximum peak power shall be less 1 Watt (30dBm).

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Power output measurement allowed per Section 15.247(b)(3).
In the following, “T” is the transmission pulse duration over which the transmitter is on and transmitting at its maximum power control level. Measurements are performed with a spectrum analyzer. Three methods are provided to accommodate measurement limitations of the spectrum analyzer depending on signal parameters. Set resolution bandwidth (RBW) = 1 MHz. Set span to encompass the entire emission bandwidth (EBW) of the signal. Use automatic setting for analyzer sweep time.

As “T” ≧ sweep time, the test procedure will be used as following:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz.
3. Set VBW ≧ 3 MHz.
4. Use sample detector mode if bin width (i.e., span/number of points in spectrum display) < 0.5 RBW. Otherwise use peak detector mode.
5. Use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at full control power for entire sweep of every sweep. If the device transmits continuously, with no off intervals or reduced power intervals, the trigger may be set to “free run”.
6. Trace average 100 traces in power averaging mode.
7. Compute power by integrating the spectrum across the 26 dB EBW of the signal. The integration can be performed using the spectrum analyzer’s band power measurement function with band limits set equal to the EBW band edges or by summing power levels in each 1 MHz band in linear power terms. The 1 MHz band power levels to be summed can be obtained by averaging, in linear power terms, power levels in each frequency bin across the 1 MHz.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

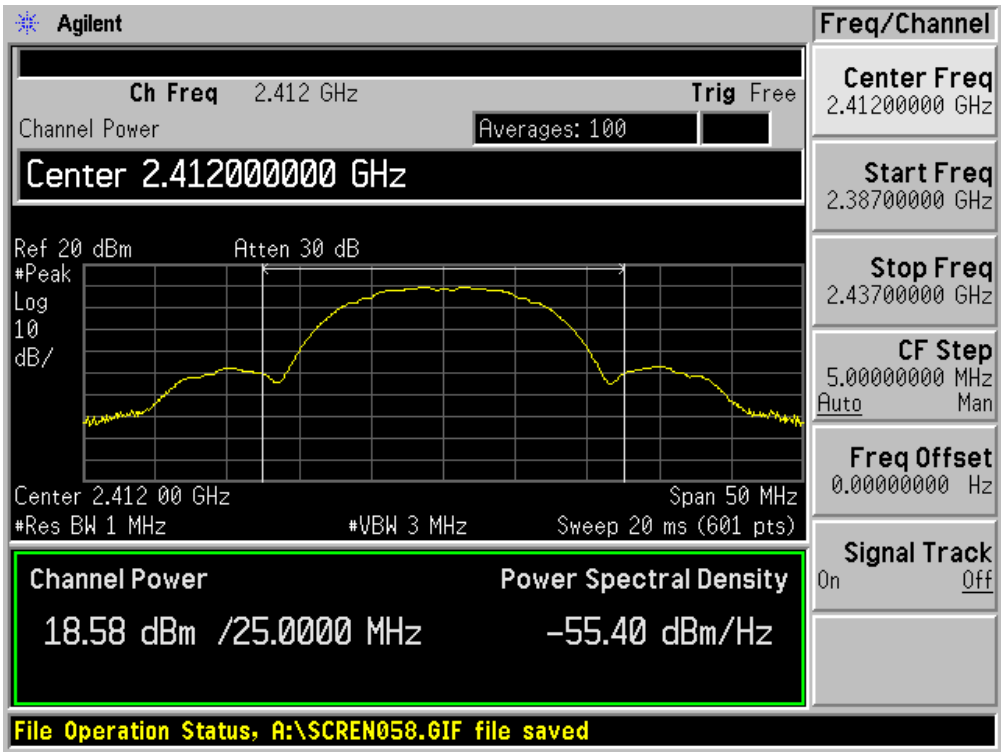
9.6. Test Result

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

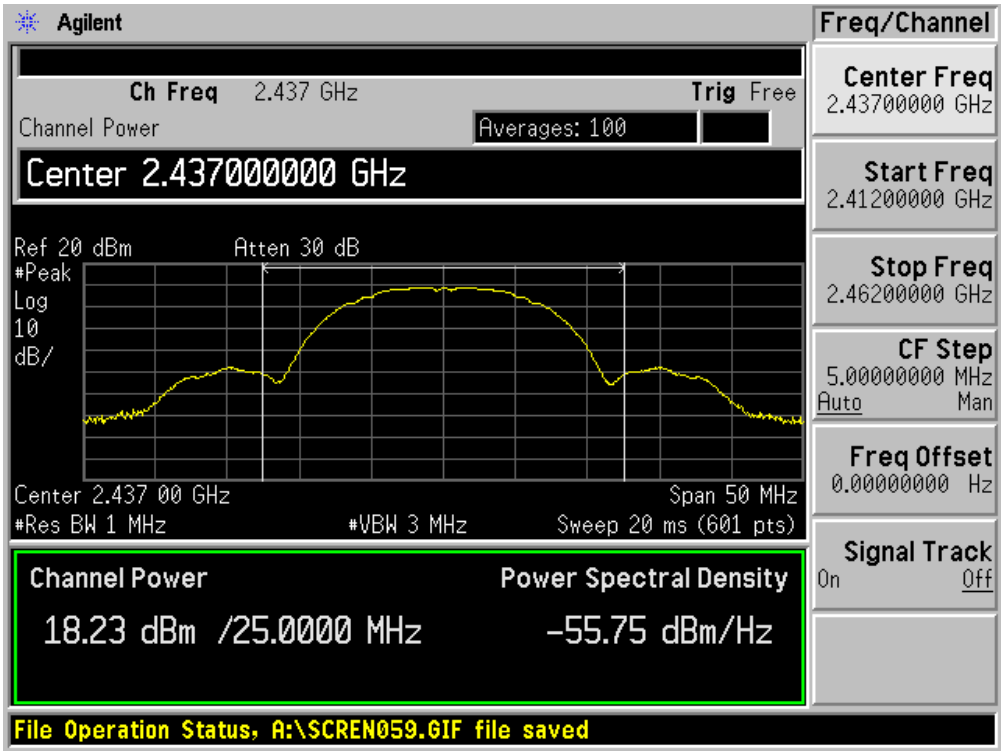
Channel No.	Frequency (MHz)	Data Rate (Mbps)				Limit (dBm)
		1	2	5.5	11	
01	2412	18.58	--	--	--	30
06	2437	18.23	18.21	18.18	18.15	30
11	2462	18.45	--	--	--	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

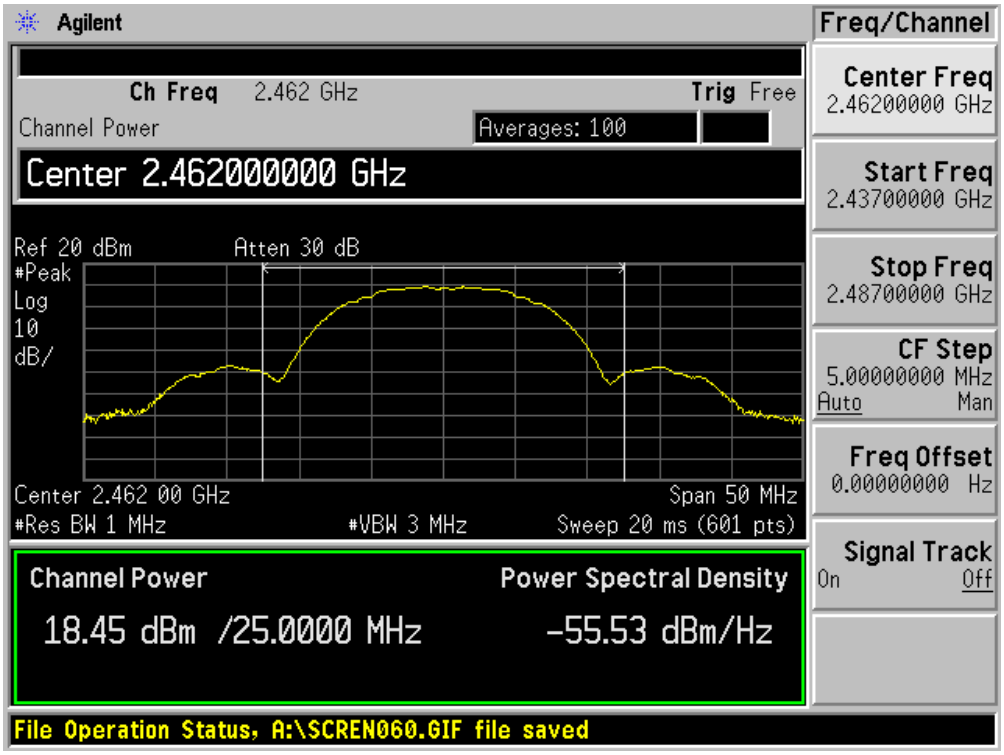
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

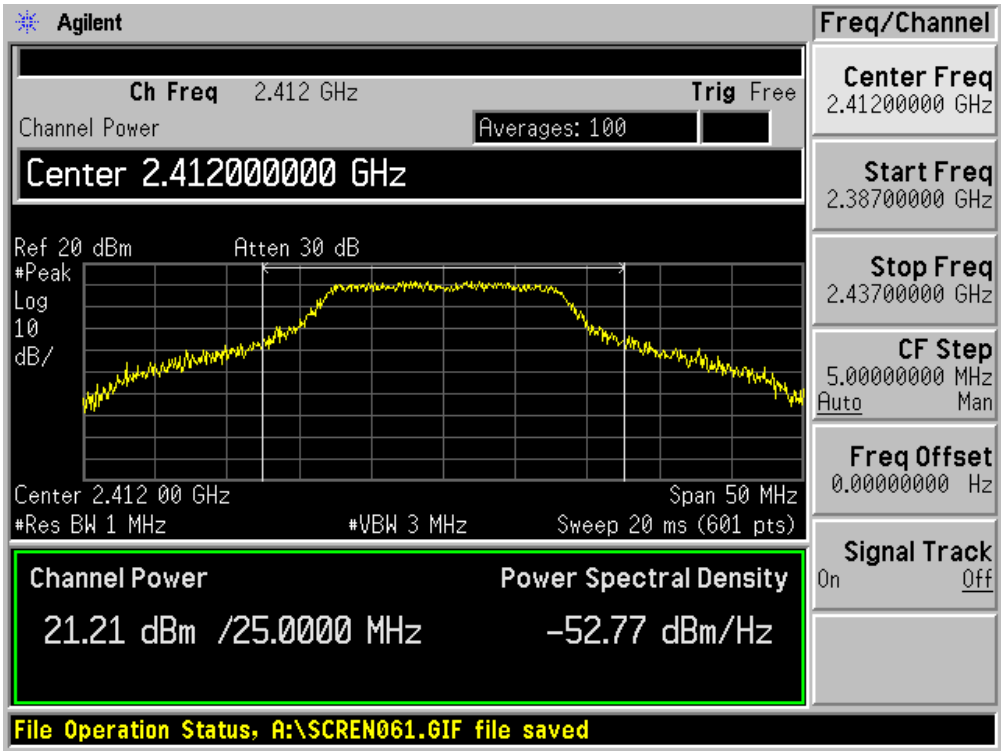


Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

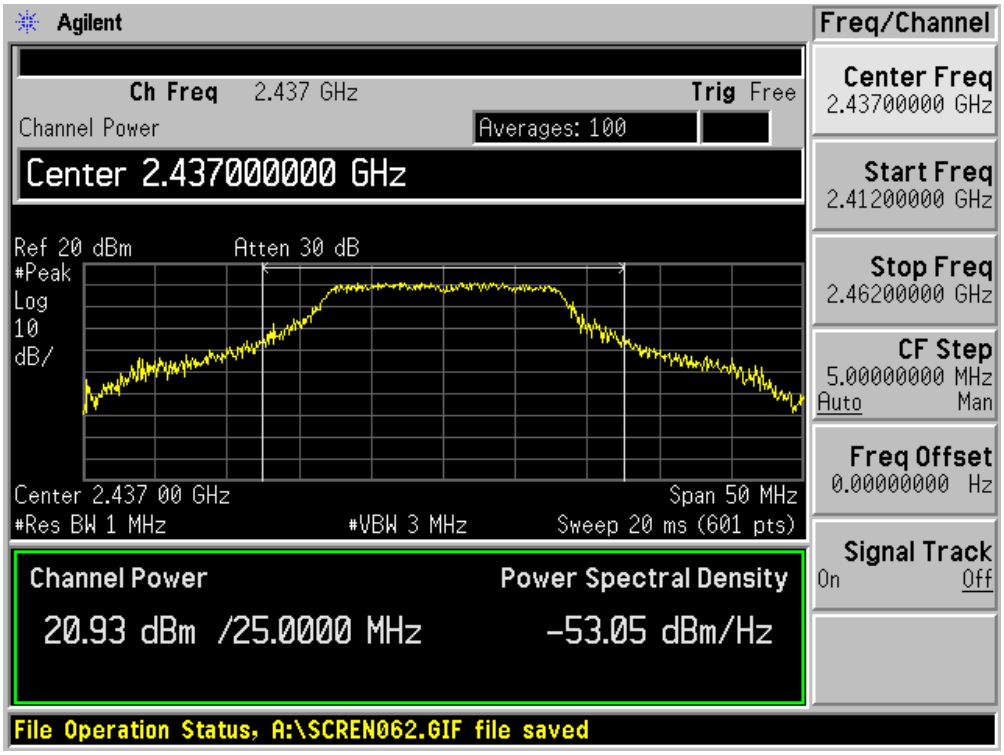
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Limit (dBm)
		6	9	12	18	24	36	48	54	
01	2412	21.21	--	--	--	--	--	--	--	30
06	2437	20.93	20.91	20.87	20.85	20.82	20.80	20.77	20.74	30
11	2462	20.85	--	--	--	--	--	--	--	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

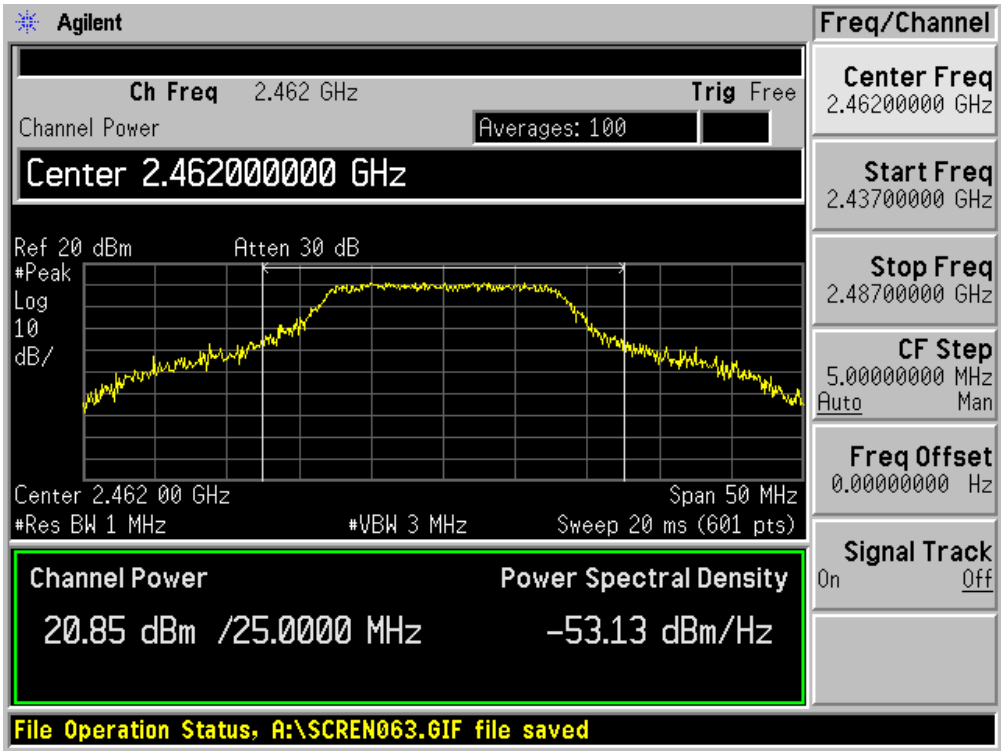
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



10. Power Spectral Density

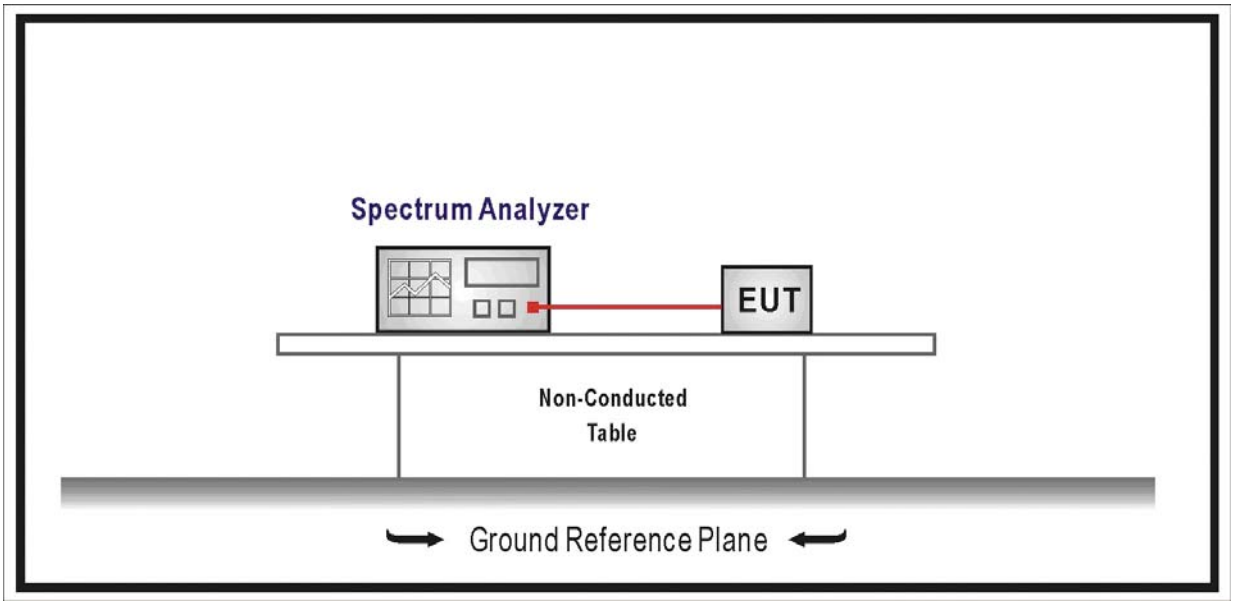
10.1. Test Equipment

Power Spectral Density / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the 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.

10.4. 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= 3 kHz, Set VBW≧ 9 kHz, Sweep time=Auto, Set detector=Peak detector.

10.5. Uncertainty

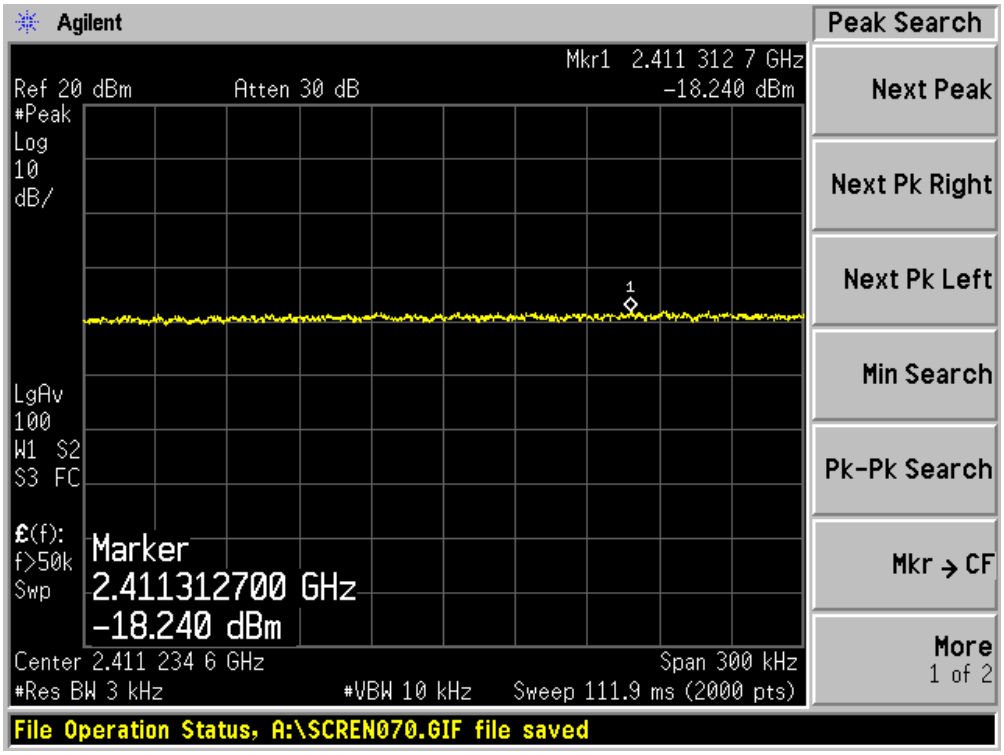
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

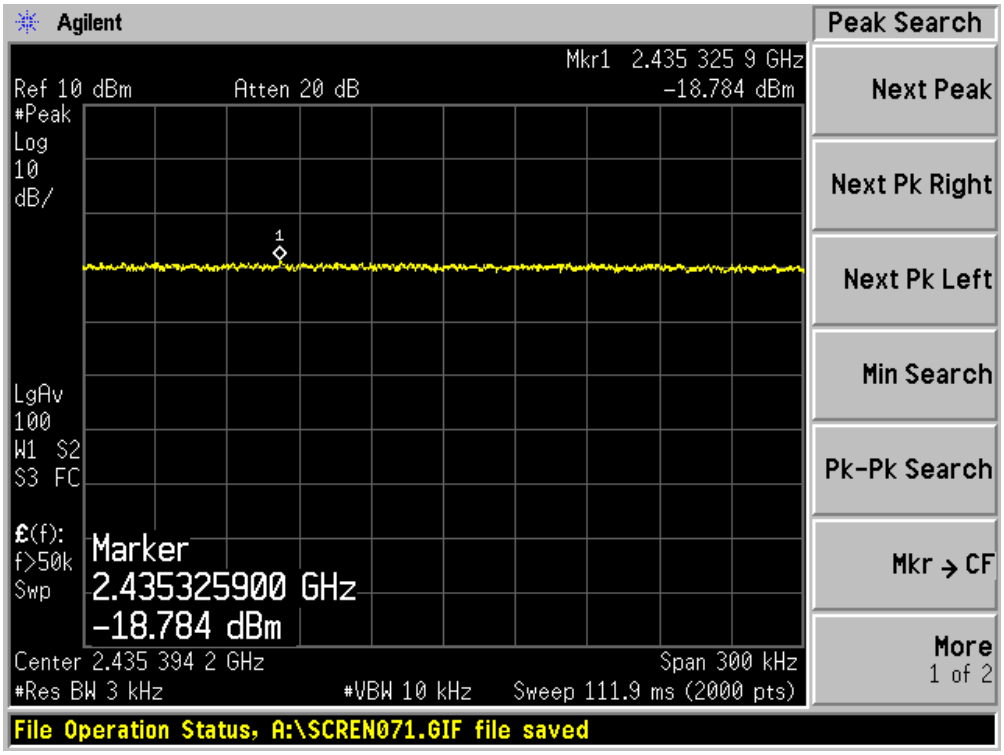
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-18.240	8	Pass
06	2437	-18.784	8	Pass
11	2462	-18.272	8	Pass

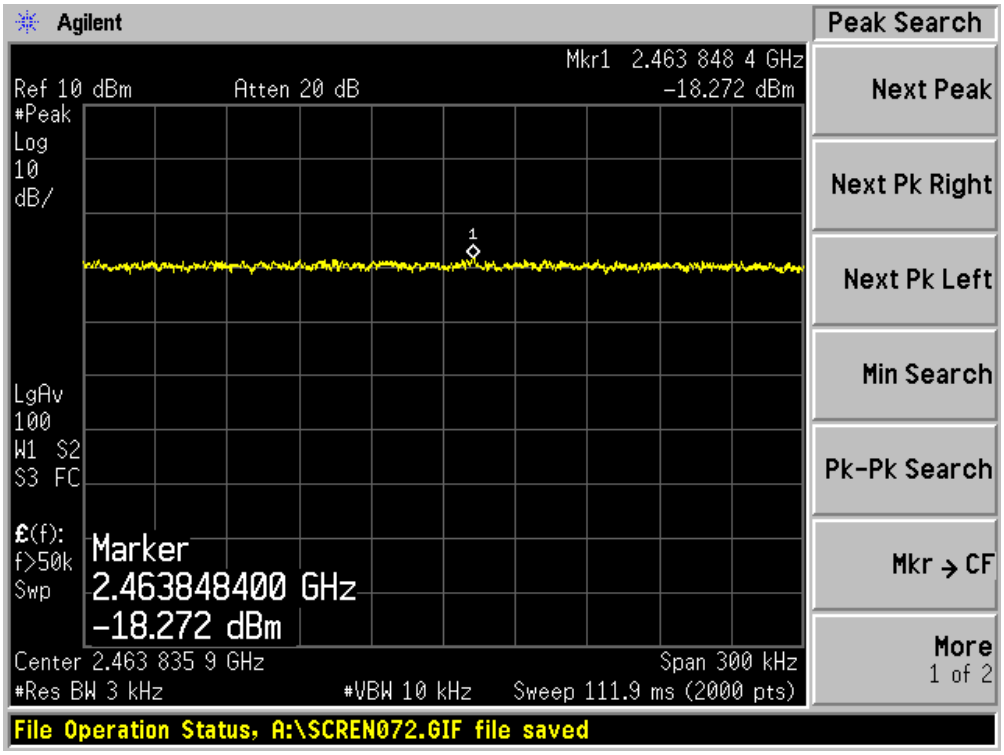
Channel 01 (2412MHz)



Channel 06 (2437MHz)



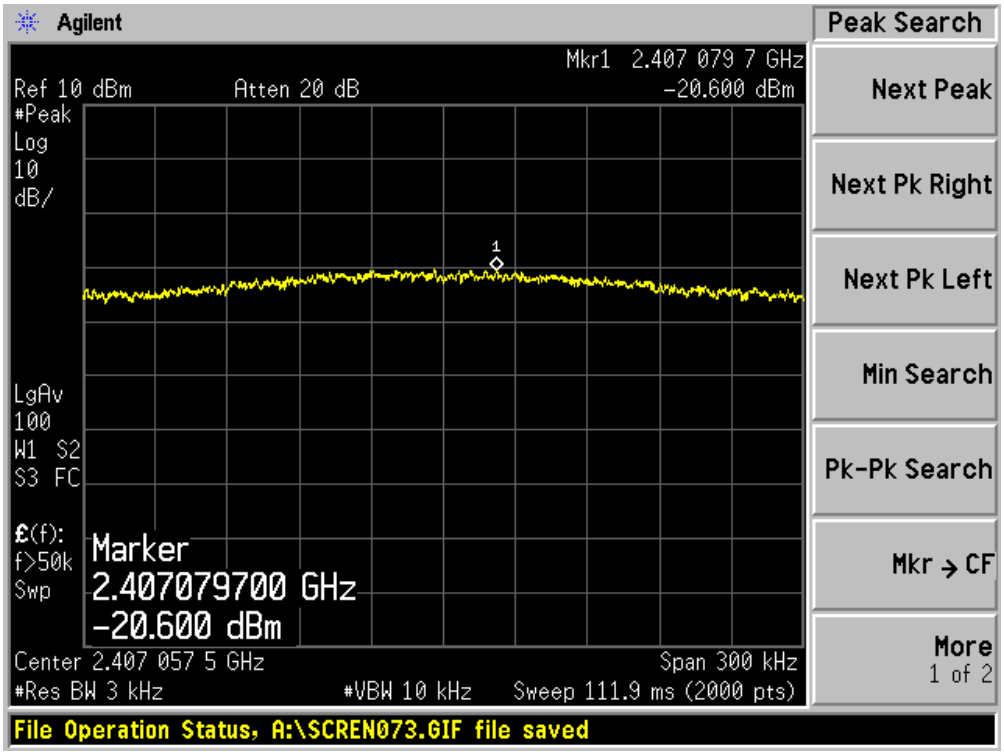
Channel 11 (2462MHz)



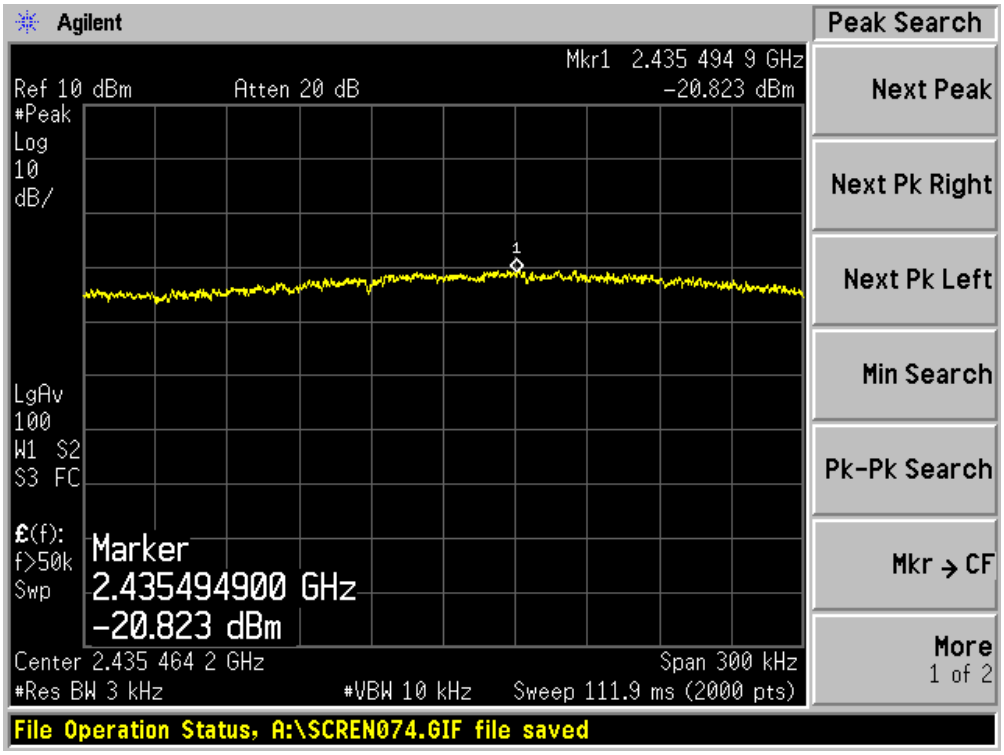
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-20.600	8	Pass
06	2437	-20.823	8	Pass
11	2462	-20.767	8	Pass

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)