Test Report

Product Name	Eee PC
Model No.	Eee PC 901
FCC ID	MSQEPC9NE766

Applicant	ASUSTeK COMPUTER INC.
Address	4FL., No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.

Date of Receipt	Apr. 18, 2008
Issued Date	June 05, 2008
Report No.	084327R-RFUSP05V01
Version	V1.0

The test results relate only to the samples tested.
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This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Test Report Certification

Issued Date: June 05, 2008
Report No.: 084327R-RFUSP05V01

Accredited by NIST (NVLAP)
NVLAP Lab Code: 200533-0

Product Name	Eee PC
Applicant	ASUSTeK COMPUTER INC.
Address	4FL., No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.
Manufacturer	1. PEGATRON CORPORATION Taoyuan Mfg 2. Protek (Shanghai) Limited. 3. NorthTec Asia (Shanghai) Limited.
Model No.	Eee PC 901
Rated Voltage	AC 120V/60Hz
Working Voltage	AC 120V/60Hz
Trade Name	ASUS
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2007 ANSI C63.4: 2003
Test Result	Complied

NVLAP Lab Code: 200533-0

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Documented By : Rita Huang
(Engineering Adm. Specialist / Rita Huang)

Tested By : Dino Chen
(Engineer / Dino Chen)

Approved By :
(Deputy Manager / Vincent Lin)

Testing Laboratory
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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Eee PC
Trade Name	ASUS
Model No.	Eee PC 901
FCC ID.	MSQEPC9NE766
Frequency Range	2412-2462MHz for 802.11b/g/n-20BW , 2422-2452MHz for 802.11n-40BW
Number of Channels	802.11b/g/n-20MHz: 11, n-40MHz: 7
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: 6.5-130Mbps
Type of Modulation	802.11b:DSSS DBPSK, DQPSK, CCK 802.11g/n:OFDM BPSK, QPSK, 16QAM, 64QAM
Antenna Interface	PIFA ,PCB
Antenna Gain	Refer to the table “Antenna List”
Channel Control	Auto
Power Adapter	MFR: ASUS, M/N: ADP-36EH C Cable out: Non-Shielded, 1.75m with one ferrite core bonded. Power Cord: Non-Shielded, 0.75m.

Antenna List

No.	Manufacturer	Part No.	Peak Gain
1	ACON	APP6P-700154 (Main) APP6P-700155 (Aux)	2.47dBi in 2.4 GHz
2	Yageo	CAN 4313 741 012501B (Main) CAN 4313 741 022501B (Aux)	2.13dBi in 2.4 GHz

802.11b/g/n-20MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2412 MHz	Channel 02:	2417 MHz	Channel 03:	2422 MHz	Channel 04:	2427 MHz
Channel 05:	2432 MHz	Channel 06:	2437 MHz	Channel 07:	2442 MHz	Channel 08:	2447 MHz
Channel 09:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz		

802.11n-40MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2422 MHz	Channel 02:	2427 MHz	Channel 03:	2432 MHz	Channel 04:	2437 MHz
Channel 05:	2442 MHz	Channel 06:	2447 MHz	Channel 07:	2452 MHz		

Note:

1. The EUT is an Eee PC with a built-in 2.4GHz WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report. (802.11b is 1Mbps 、802.11g is 54Mbps、802.11n(20BW) is 6.5Mbps and 、802.11n(40BW) is 13Mbps)
4. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices
5. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.

1.2. Operational Description

The EUT is an Eee PC with 11 channels. This device provided four kinds of transmitting speed 1, 2, 5.5 and 11Mbps and the device of RF carrier is DBPSK, DQPSK and CCK (IEEE 802.11b). The device provided of eight kinds of transmitting speed 6, 9, 12, 18, 24, 36, 48 and 54Mbps the device of RF carrier is BPSK, QPSK, 16QAM and 64QAM (IEEE 802.11g).

The device provided of eight kinds of transmitting speed 6.5,13,19.5,26,39,52,58.5 and 65Mbps in 802.11n(20BW) mode and 13,26,39,52,78,104,117 and 130 Mbps(40BW) the device of RF carrier is BPSK, QPSK, 16QAM and 64QAM (IEEE 802.11n).

The device adapts direct sequence spread spectrum modulation. The antenna provides diversity function to improve the receiving function.

This Eee PC, compliant with IEEE 802.11b and IEEE 802.11g, is a high-efficiency Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direst Sequence Spread Spectrum (DSSS) radio transmission, the Eee PC Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any IEEE 802.11b and IEEE 802.11g network.

Test Mode	Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1
	Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1
	Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1
	Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1
	Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2
	Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2
	Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2
	Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2

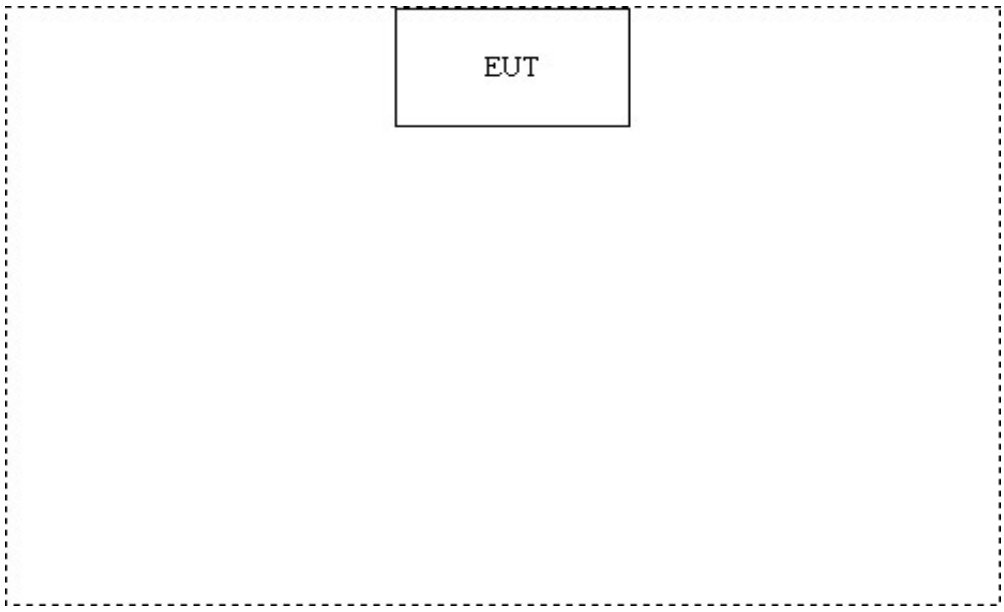
1.3. Tested System Details

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

	Product	Manufacturer	Model No.	Serial No.	Power Cord
(1)	N/A	N/A	N/A	N/A	N/A

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

1.4. Configuration of Tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown in Section 1.3

(2) Execute “RT 2860 V1.2.0.8” on the EUT.

(3) Configure the test mode, the test channel, and the data rate.

(4) Press “OK” to start the continuous Receiver.

(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 92195

Accreditation on NVLAP
NVLAP Lab Code: 200533-0

Site Name: Quietek Corporation
Site Address: No. 5-22, 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

FCC Accreditation Number: TW1014

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2. Conducted Emission

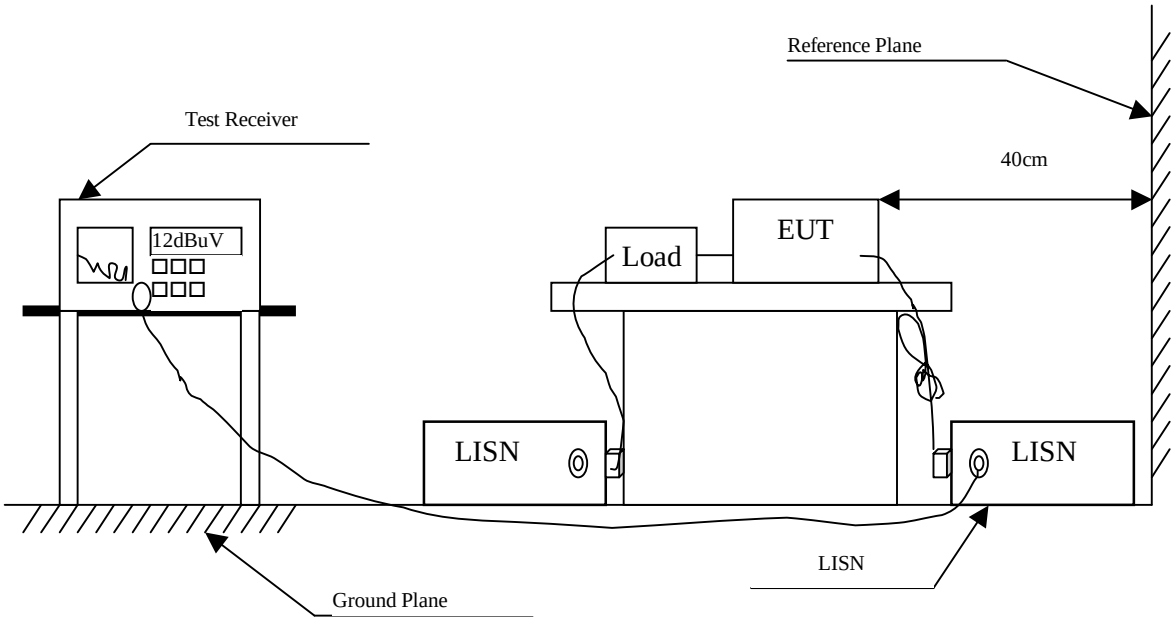
2.1. Test Equipment

The following test equipment are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/17	May, 2008	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 2008	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2008	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	May, 2008	
5	No.1 Shielded Room			N/A	

Note: All instruments are calibrated every one year.

2.2. Test Setup



2.4. 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 refer 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 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.

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

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.259	0.324	43.560	43.884	-19.002	62.886
0.334	0.300	21.720	22.020	-38.723	60.743
0.373	0.300	36.760	37.060	-22.569	59.629
0.630	0.301	31.390	31.691	-24.309	56.000
2.318	0.350	32.930	33.280	-22.720	56.000
3.205	0.380	26.720	27.100	-28.900	56.000
Average					
0.259	0.324	30.250	30.574	-22.312	52.886
0.334	0.300	6.930	7.230	-43.513	50.743
0.373	0.300	22.850	23.150	-26.479	49.629
0.630	0.301	21.260	21.561	-24.439	46.000
2.318	0.350	21.970	22.320	-23.680	46.000
3.205	0.380	16.210	16.590	-29.410	46.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.170	0.300	34.410	34.710	-30.719	65.429
0.259	0.300	43.460	43.760	-19.126	62.886
0.396	0.310	31.240	31.550	-27.421	58.971
2.103	0.350	31.390	31.740	-24.260	56.000
3.189	0.380	28.410	28.790	-27.210	56.000
14.998	0.900	27.590	28.490	-31.510	60.000
Average					
0.170	0.300	16.060	16.360	-39.069	55.429
0.259	0.300	29.890	30.190	-22.696	52.886
0.396	0.310	15.920	16.230	-32.741	48.971
2.103	0.350	18.920	19.270	-26.730	46.000
3.189	0.380	17.380	17.760	-28.240	46.000
14.998	0.900	20.230	21.130	-28.870	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.259	0.324	40.940	41.264	-21.622	62.886
0.388	0.300	33.660	33.960	-25.240	59.200
1.705	0.331	16.870	17.201	-38.799	56.000
2.232	0.350	33.070	33.420	-22.580	56.000
3.259	0.380	29.250	29.630	-26.370	56.000
14.779	0.990	31.230	32.220	-27.780	60.000
Average					
0.259	0.324	27.500	27.824	-25.062	52.886
0.388	0.300	19.560	19.860	-29.340	49.200
1.705	0.331	7.690	8.021	-37.979	46.000
2.232	0.350	20.840	21.190	-24.810	46.000
3.259	0.380	16.950	17.330	-28.670	46.000
14.779	0.990	23.560	24.550	-25.450	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.162	0.300	35.860	36.160	-29.497	65.657
0.255	0.300	34.280	34.580	-28.420	63.000
0.345	0.305	20.590	20.895	-39.534	60.429
1.045	0.320	24.990	25.310	-30.690	56.000
2.392	0.360	29.400	29.760	-26.240	56.000
14.654	0.889	29.580	30.469	-29.531	60.000
Average					
0.162	0.300	14.860	15.160	-40.497	55.657
0.255	0.300	20.900	21.200	-31.800	53.000
0.345	0.305	8.270	8.575	-41.854	50.429
1.045	0.320	13.490	13.810	-32.190	46.000
2.392	0.360	19.000	19.360	-26.640	46.000
14.654	0.889	21.520	22.409	-27.591	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.263	0.314	38.300	38.614	-24.157	62.771
0.283	0.300	38.090	38.390	-23.810	62.200
0.423	0.300	33.860	34.160	-24.040	58.200
1.052	0.320	26.320	26.640	-29.360	56.000
2.240	0.350	32.890	33.240	-22.760	56.000
14.959	1.000	28.410	29.410	-30.590	60.000
Average					
0.263	0.314	25.630	25.944	-26.827	52.771
0.283	0.300	25.950	26.250	-25.950	52.200
0.423	0.300	20.270	20.570	-27.630	48.200
1.052	0.320	15.290	15.610	-30.390	46.000
2.240	0.350	21.480	21.830	-24.170	46.000
14.959	1.000	20.010	21.010	-28.990	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.255	0.300	37.650	37.950	-25.050	63.000
0.275	0.300	35.410	35.710	-26.719	62.429
0.396	0.310	32.540	32.850	-26.121	58.971
2.232	0.350	33.190	33.540	-22.460	56.000
3.431	0.380	26.580	26.960	-29.040	56.000
14.658	0.890	31.230	32.120	-27.880	60.000
Average					
0.255	0.300	22.090	22.390	-30.610	53.000
0.275	0.300	20.840	21.140	-31.289	52.429
0.396	0.310	18.780	19.090	-29.881	48.971
2.232	0.350	20.990	21.340	-24.660	46.000
3.431	0.380	16.260	16.640	-29.360	46.000
14.658	0.890	23.560	24.450	-25.550	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.271	0.300	35.620	35.920	-26.623	62.543
0.427	0.300	34.160	34.460	-23.626	58.086
0.658	0.310	30.990	31.300	-24.700	56.000
2.334	0.350	32.780	33.130	-22.870	56.000
3.552	0.390	24.500	24.890	-31.110	56.000
14.478	0.980	27.970	28.950	-31.050	60.000
Average					
0.271	0.300	22.900	23.200	-29.343	52.543
0.427	0.300	24.010	24.310	-23.776	48.086
0.658	0.310	21.360	21.670	-24.330	46.000
2.334	0.350	20.610	20.960	-25.040	46.000
3.552	0.390	11.290	11.680	-34.320	46.000
14.478	0.980	19.520	20.500	-29.500	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.154	0.300	36.340	36.640	-29.246	65.886
0.259	0.300	41.140	41.440	-21.446	62.886
0.423	0.310	30.830	31.140	-27.060	58.200
2.150	0.350	33.460	33.810	-22.190	56.000
3.931	0.400	26.640	27.040	-28.960	56.000
14.455	0.880	31.430	32.310	-27.690	60.000
Average					
0.154	0.300	16.810	17.110	-38.776	55.886
0.259	0.300	26.790	27.090	-25.796	52.886
0.423	0.310	18.750	19.060	-29.140	48.200
2.150	0.350	20.550	20.900	-25.100	46.000
3.931	0.400	13.310	13.710	-32.290	46.000
14.455	0.880	23.490	24.370	-25.630	50.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.220	0.505	51.240	51.745	-30.255	82.000
0.349	0.300	37.880	38.180	-40.134	78.314
0.689	0.310	24.320	24.630	-49.370	74.000
2.892	0.370	26.720	27.090	-46.910	74.000
8.345	0.540	20.710	21.250	-52.750	74.000
14.170	0.967	27.900	28.867	-45.133	74.000
Average					
0.220	0.505	37.510	38.015	-33.985	72.000
0.349	0.300	25.040	25.340	-42.974	68.314
0.689	0.310	12.240	12.550	-51.450	64.000
2.892	0.370	18.700	19.070	-44.930	64.000
8.345	0.540	15.260	15.800	-48.200	64.000
14.170	0.967	22.060	23.027	-40.973	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.162	0.492	39.210	39.702	-43.955	83.657
0.240	0.369	45.170	45.539	-35.890	81.429
0.392	0.300	32.320	32.620	-44.466	77.086
0.720	0.310	27.610	27.920	-46.080	74.000
2.498	0.360	31.820	32.180	-41.820	74.000
14.552	0.980	25.300	26.280	-47.720	74.000
Average					
0.162	0.492	22.730	23.222	-50.435	73.657
0.240	0.369	28.810	29.179	-42.250	71.429
0.392	0.300	21.750	22.050	-45.036	67.086
0.720	0.310	16.060	16.370	-47.630	64.000
2.498	0.360	23.570	23.930	-40.070	64.000
14.552	0.980	18.870	19.850	-44.150	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.283	0.300	37.590	37.890	-42.310	80.200
0.357	0.300	26.260	26.560	-51.526	78.086
0.779	0.310	24.780	25.090	-48.910	74.000
1.697	0.330	25.800	26.130	-47.870	74.000
2.298	0.350	30.520	30.870	-43.130	74.000
14.369	0.970	27.620	28.590	-45.410	74.000
Average					
0.283	0.300	24.090	24.390	-45.810	70.200
0.357	0.300	11.810	12.110	-55.976	68.086
0.779	0.310	17.810	18.120	-45.880	64.000
1.697	0.330	13.520	13.850	-50.150	64.000
2.298	0.350	19.790	20.140	-43.860	64.000
14.369	0.970	21.720	22.690	-41.310	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.279	0.300	46.300	46.600	-33.714	80.314
0.373	0.310	27.110	27.420	-50.209	77.629
0.865	0.320	23.760	24.080	-49.920	74.000
2.576	0.360	31.390	31.750	-42.250	74.000
6.650	0.440	21.500	21.940	-52.060	74.000
13.920	0.860	26.970	27.830	-46.170	74.000
Average					
0.279	0.300	26.460	26.760	-43.554	70.314
0.373	0.310	14.350	14.660	-52.969	67.629
0.865	0.320	13.840	14.160	-49.840	64.000
2.576	0.360	21.680	22.040	-41.960	64.000
6.650	0.440	11.930	12.370	-51.630	64.000
13.920	0.860	20.510	21.370	-42.630	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.154	0.364	44.640	45.004	-38.882	83.886
0.228	0.450	43.450	43.900	-37.871	81.771
0.357	0.300	34.390	34.690	-43.396	78.086
0.740	0.310	21.410	21.720	-52.280	74.000
2.236	0.350	31.950	32.300	-41.700	74.000
14.380	0.970	27.880	28.850	-45.150	74.000
Average					
0.154	0.364	25.680	26.044	-47.842	73.886
0.228	0.450	23.940	24.390	-47.381	71.771
0.357	0.300	20.520	20.820	-47.266	68.086
0.740	0.310	11.030	11.340	-52.660	64.000
2.236	0.350	22.800	23.150	-40.850	64.000
14.380	0.970	21.660	22.630	-41.370	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.162	0.300	44.770	45.070	-38.587	83.657
0.236	0.300	43.390	43.690	-37.853	81.543
0.537	0.310	31.210	31.520	-42.480	74.000
0.892	0.320	27.020	27.340	-46.660	74.000
2.459	0.360	31.470	31.830	-42.170	74.000
14.388	0.870	26.340	27.210	-46.790	74.000
Average					
0.162	0.300	27.520	27.820	-45.837	73.657
0.236	0.300	31.040	31.340	-40.203	71.543
0.537	0.310	22.780	23.090	-40.910	64.000
0.892	0.320	20.940	21.260	-42.740	64.000
2.459	0.360	22.230	22.590	-41.410	64.000
14.388	0.870	19.820	20.690	-43.310	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 1					
Quasi-Peak					
0.170	0.621	45.010	45.631	-37.798	83.429
0.244	0.360	42.670	43.030	-38.284	81.314
0.420	0.300	34.360	34.660	-41.626	76.286
0.529	0.300	30.500	30.800	-43.200	74.000
3.255	0.380	27.160	27.540	-46.460	74.000
14.627	0.980	26.530	27.510	-46.490	74.000
Average					
0.170	0.621	26.630	27.251	-46.178	73.429
0.244	0.360	32.220	32.580	-38.734	71.314
0.420	0.300	19.370	19.670	-46.616	66.286
0.529	0.300	17.060	17.360	-46.640	64.000
3.255	0.380	18.500	18.880	-45.120	64.000
14.627	0.980	20.560	21.540	-42.460	64.000

Note:

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

Product : Eee PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2437MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.181	0.300	44.170	44.470	-38.644	83.114
0.255	0.300	40.130	40.430	-40.570	81.000
0.412	0.310	35.460	35.770	-40.744	76.514
0.830	0.320	23.370	23.690	-50.310	74.000
2.486	0.360	29.690	30.050	-43.950	74.000
13.713	0.850	25.450	26.300	-47.700	74.000
Average					
0.181	0.300	31.450	31.750	-41.364	73.114
0.255	0.300	18.820	19.120	-51.880	71.000
0.412	0.310	20.140	20.450	-46.064	66.514
0.830	0.320	14.280	14.600	-49.400	64.000
2.486	0.360	22.880	23.240	-40.760	64.000
13.713	0.850	19.470	20.320	-43.680	64.000

Note:

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

3. Peak Power Output

3.1. Test Equipment

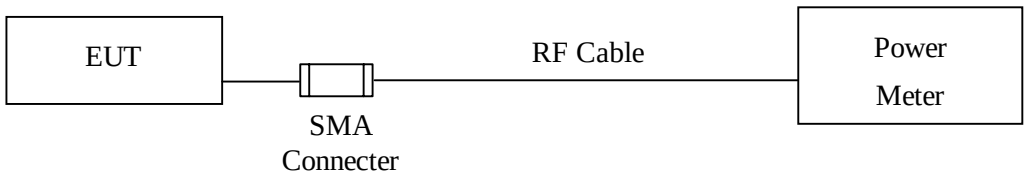
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Power Meter	Anritsu	ML2495A/6K00003357	May, 2008
X	Power Sensor	Anritsu	MA2491A/034457	May, 2008

Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

3.2. Test Setup

Conducted Measurement



3.3. Limits

The maximum peak power shall be less 1 Watt.

3.4. Test Procedure

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

3.5. Uncertainty

± 1.27 dB

3.6. Test Result of Peak Power Output

Product : Eee PC
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

Peak Power Output						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412.00	13.05	--	--	--	1Watt= 30 dBm
6	2437.00	23.14	23.04	22.44	22.64	1Watt= 30 dBm
11	2462.00	14.88	--	--	--	1Watt= 30 dBm

Product : Eee PC
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

Peak Power Output										
Channel No.	Frequency (MHz)	Data Rate								Required Limit
		6	9	12	18	24	36	48	54	
1	2412.00	--	--	--	--	--	--	--	15.71	1Watt= 30 dBm
6	2437.00	23.85	24.13	23.46	23.33	23.75	23.62	23.67	24.28	1Watt= 30 dBm
11	2462.00	--	--	--	--	--	--	--	17.89	1Watt= 30 dBm

Product : Eee PC
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

Peak Power Output										
Channel No.	Frequency (MHz)	Data Rate								Required Limit
		6.5	13	19.5	26	39	52	58.5	65	
1	2412.00	15.05	--	--	--	--	--	--	--	1Watt= 30 dBm
6	2437.00	24.38	24.21	24.2	24.19	22.53	22.17	22.87	18.38	1Watt= 30 dBm
11	2462.00	17.46	--	--	--	--	--	--	--	1Watt= 30 dBm

Product : Eee PC
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

Peak Power Output										
Channel No.	Frequency (MHz)	Data Rate								Required Limit
		13	26	39	52	78	104	117	130	
1	2422.00	9.49	--	--	--	--	--	--	--	1Watt= 30 dBm
4	2437.00	21.09	20.87	20.88	20.84	20.84	20.94	20.83	20.97	1Watt= 30 dBm
7	2452.00	10.41	--	--	--	--	--	--	--	1Watt= 30 dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipment are used during the radiated emission test:

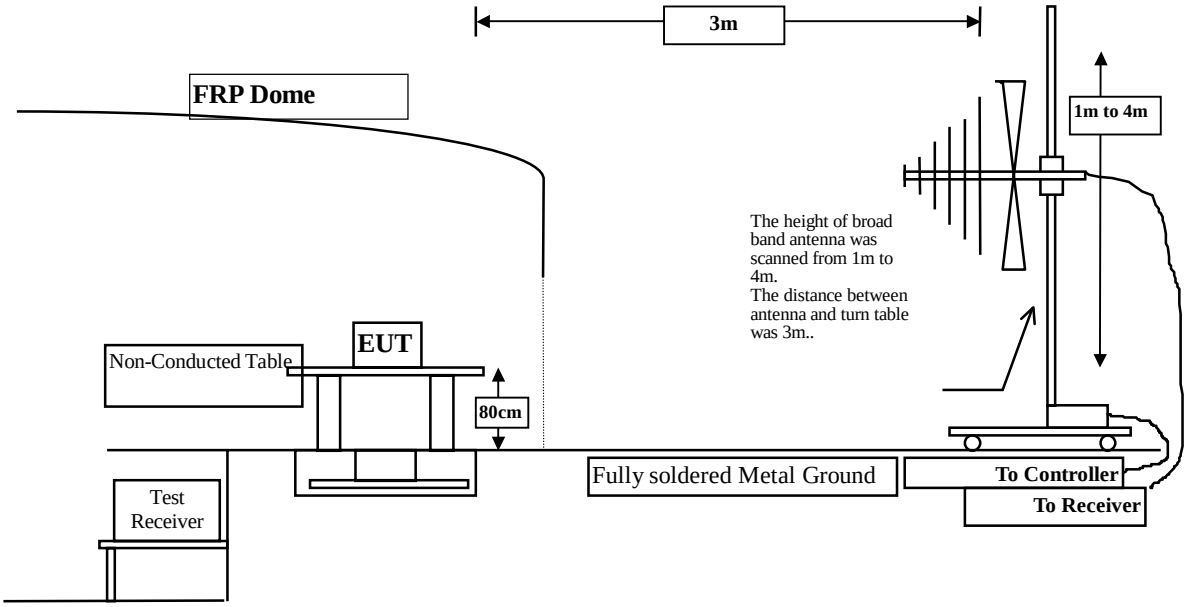
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
☒Site # 3	X	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2007
	X	Pre-Amplifier	AGILENT	8447D/2944A09549	Sep., 2007
	X	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2007
	X	Spectrum Analyzer	Advantest	R3162/91700283	Oct., 2007
	X	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2008
	X	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	X	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

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

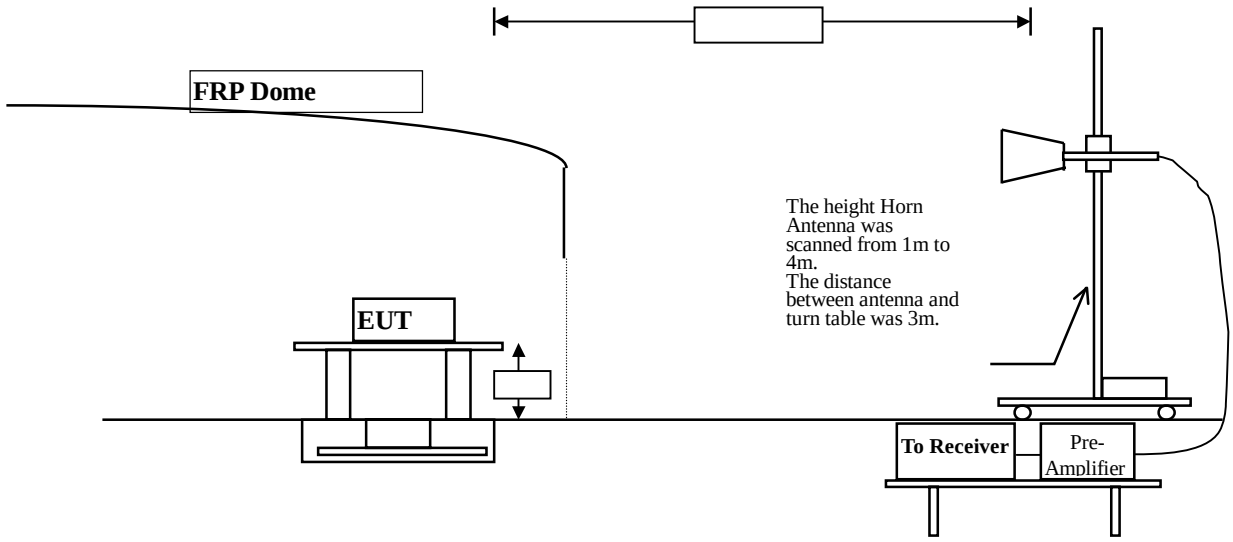
2. The test instruments marked with "X" are used to measure the final test results.

4.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



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(a) Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

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

4.4. Test Procedure

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

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

The antenna is scanned between 1 meter and 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.

Radiated emission measurements below 1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB beamwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

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

4.5. Uncertainty

± 3.9 dB above 1GHz

± 3.8 dB below 1GHz

4.6. Test Result of Radiated Emission

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	44.290	44.061	-29.939	74.000
7236.000	3.182	41.710	44.892	-29.108	74.000
9648.000	5.798	41.050	46.849	-27.151	74.000
Average					
Detector:					
4824.000	-0.229	40.270	40.041	-13.959	54.000
7236.000	3.182	36.760	39.942	-14.058	54.000
9648.000	5.798	39.170	44.969	-9.031	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	45.620	45.391	-28.609	74.000
7236.000	3.182	39.940	43.122	-30.878	74.000
9648.000	5.798	40.350	46.149	-27.851	74.000
Average					
Detector:					
4824.000	-0.229	44.250	44.021	-9.979	54.000
7236.000	3.182	37.490	40.672	-13.328	54.000
9648.000	5.798	39.350	45.149	-8.851	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4874.000	-0.268	46.350	46.082	-27.918	74.000
7311.000	3.285	41.170	44.456	-29.544	74.000
9748.000	6.190	37.980	44.170	-29.830	74.000
Average Detector:					
4874.000	-0.268	37.940	37.672	-16.328	54.000
7311.000	3.285	34.970	38.256	-15.744	54.000
9748.000	6.190	38.480	44.670	-9.330	54.000
Vertical Peak Detector:					
4874.000	-0.268	48.710	48.442	-25.558	74.000
7311.000	3.285	39.150	42.436	-31.564	74.000
9748.000	6.190	38.520	44.710	-29.290	74.000
Average Detector:					
4874.000	-0.268	38.280	38.012	-15.988	54.000
7311.000	3.285	34.790	38.076	-15.924	54.000
9748.000	6.190	39.530	45.720	-8.280	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	43.350	43.455	-30.545	74.000
7386.000	3.644	38.040	41.685	-32.315	74.000
9848.000	6.582	40.930	47.512	-26.488	74.000
Average					
Detector:					
4924.000	0.105	39.830	39.935	-14.065	54.000
7386.000	3.644	36.970	40.615	-13.385	54.000
9848.000	6.582	37.950	44.532	-9.468	54.000
Vertical					
Peak Detector:					
4924.000	0.105	44.370	44.475	-29.525	74.000
7386.000	3.644	39.820	43.465	-30.535	74.000
9848.000	6.582	40.540	47.122	-26.878	74.000
Average					
Detector:					
4924.000	0.105	37.610	37.715	-16.285	54.000
7386.000	3.644	39.360	43.005	-10.995	54.000
9848.000	6.582	38.460	45.042	-8.958	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	43.440	43.211	-30.789	74.000
7236.000	3.182	39.220	42.402	-31.598	74.000
9648.000	5.798	39.890	45.689	-28.311	74.000
Average Detector:					
4824.000	-0.229	39.670	39.441	-14.559	54.000
7236.000	3.182	37.340	40.522	-13.478	54.000
9648.000	5.798	36.950	42.749	-11.251	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	42.640	42.411	-31.589	74.000
7236.000	3.182	39.590	42.772	-31.228	74.000
9648.000	5.798	40.440	46.239	-27.761	74.000
Average Detector:					
4824.000	-0.229	38.250	38.021	-15.979	54.000
7236.000	3.182	37.150	40.332	-13.668	54.000
9648.000	5.798	39.100	44.899	-9.101	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4874.000	-0.268	47.440	47.172	-26.828	74.000
7311.000	3.285	39.720	43.006	-30.994	74.000
9748.000	6.190	40.180	46.370	-27.630	74.000
Average					
Detector:					
4874.000	-0.268	39.990	39.722	-14.278	54.000
7311.000	3.285	35.910	39.196	-14.804	54.000
9748.000	6.190	38.480	44.670	-9.330	54.000
Vertical					
Peak Detector:					
4874.000	-0.268	42.970	42.702	-31.298	74.000
7311.000	3.285	39.990	43.276	-30.724	74.000
9748.000	6.190	39.380	45.570	-28.430	74.000
Average					
Detector:					
4874.000	-0.268	38.440	38.172	-15.828	54.000
7311.000	3.285	36.300	39.586	-14.414	54.000
9748.000	6.190	39.170	45.360	-8.640	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	44.040	44.145	-29.855	74.000
7386.000	3.644	40.380	44.025	-29.975	74.000
9848.000	6.582	39.210	45.792	-28.208	74.000
Average					
Detector:					
4924.000	0.105	40.170	40.275	-13.725	54.000
7386.000	3.644	36.890	40.535	-13.465	54.000
9848.000	6.582	38.060	44.642	-9.358	54.000
Vertical					
Peak Detector:					
4924.000	0.105	42.440	42.545	-31.455	74.000
7386.000	3.644	37.890	41.535	-32.465	74.000
9848.000	6.582	37.400	43.982	-30.018	74.000
Average					
Detector:					
4924.000	0.105	38.260	38.365	-15.635	54.000
7386.000	3.644	36.490	40.135	-13.865	54.000
9848.000	6.582	38.800	45.382	-8.618	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	43.010	42.781	-31.219	74.000
7236.000	3.182	39.580	42.762	-31.238	74.000
9648.000	5.798	40.250	46.049	-27.951	74.000
Average Detector:					
4824.000	-0.229	37.250	37.021	-16.979	54.000
7236.000	3.182	36.830	40.012	-13.988	54.000
9648.000	5.798	39.120	44.919	-9.081	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	43.080	42.851	-31.149	74.000
7236.000	3.182	38.930	42.112	-31.888	74.000
9648.000	5.798	39.390	45.189	-28.811	74.000
Average Detector:					
4824.000	-0.229	39.970	39.741	-14.259	54.000
7236.000	3.182	36.480	39.662	-14.338	54.000
9648.000	5.798	38.520	44.319	-9.681	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4874.000	-0.268	42.560	42.292	-31.708	74.000
7311.000	3.285	39.960	43.246	-30.754	74.000
9748.000	6.190	38.560	44.750	-29.250	74.000
Average					
Detector:					
4874.000	-0.268	37.610	37.342	-16.658	54.000
7311.000	3.285	35.850	39.136	-14.864	54.000
9748.000	6.190	36.530	42.720	-11.280	54.000
Vertical					
Peak Detector:					
4874.000	-0.268	42.850	42.582	-31.418	74.000
7311.000	3.285	40.070	43.356	-30.644	74.000
9748.000	6.190	37.860	44.050	-29.950	74.000
Average					
Detector:					
4874.000	-0.268	38.180	37.912	-16.088	54.000
7311.000	3.285	35.500	38.786	-15.214	54.000
9748.000	6.190	37.820	44.010	-9.990	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	43.690	43.795	-30.205	74.000
7386.000	3.644	39.150	42.795	-31.205	74.000
9848.000	6.582	37.130	43.712	-30.288	74.000
Average					
Detector:					
4924.000	0.105	37.770	37.875	-16.125	54.000
7386.000	3.644	37.480	41.125	-12.875	54.000
9848.000	6.582	36.250	42.832	-11.168	54.000
Vertical					
Peak Detector:					
4924.000	0.105	40.730	40.835	-33.165	74.000
7386.000	3.644	38.730	42.375	-31.625	74.000
9848.000	6.582	37.430	44.012	-29.988	74.000
Average					
Detector:					
4924.000	0.105	37.620	37.725	-16.275	54.000
7386.000	3.644	36.470	40.115	-13.885	54.000
9848.000	6.582	38.210	44.792	-9.208	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2422MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4844.000	-0.244	43.040	42.796	-31.204	74.000
7266.000	3.220	39.360	42.580	-31.420	74.000
9688.000	5.909	39.650	45.559	-28.441	74.000
Average Detector:					
4844.000	-0.244	37.630	37.386	-16.614	54.000
7266.000	3.220	36.630	39.850	-14.150	54.000
9688.000	5.909	36.210	42.119	-11.881	54.000
Vertical					
Peak Detector:					
4844.000	-0.244	43.270	43.026	-30.974	74.000
7266.000	3.220	40.020	43.240	-30.760	74.000
9688.000	5.909	41.760	47.669	-26.331	74.000
Average Detector:					
4844.000	-0.244	39.750	39.506	-14.494	54.000
7266.000	3.220	35.870	39.090	-14.910	54.000
9688.000	5.909	36.290	42.199	-11.801	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4874.000	-0.268	43.540	43.272	-30.728	74.000
7311.000	3.285	38.190	41.476	-32.524	74.000
9748.000	6.190	36.830	43.020	-30.980	74.000
Average Detector:					
4874.000	-0.268	41.290	41.022	-12.978	54.000
7311.000	3.285	34.830	38.116	-15.884	54.000
9748.000	6.190	38.210	44.400	-9.600	54.000
Vertical Peak Detector:					
4874.000	-0.268	49.630	49.362	-24.638	74.000
7311.000	3.285	39.510	42.796	-31.204	74.000
9748.000	6.190	39.030	45.220	-28.780	74.000
Average Detector:					
4874.000	-0.268	38.140	37.872	-16.128	54.000
7311.000	3.285	34.250	37.536	-16.464	54.000
9748.000	6.190	36.430	42.620	-11.380	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2452 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4904.000	-0.168	46.740	46.572	-27.428	74.000
7356.000	3.495	39.100	42.595	-31.405	74.000
9808.000	6.471	38.960	45.432	-28.568	74.000
Average					
Detector:					
4904.000	-0.168	37.790	37.622	-16.378	54.000
7356.000	3.495	37.250	40.745	-13.255	54.000
9808.000	6.471	37.570	44.042	-9.958	54.000
Vertical					
Peak Detector:					
4904.000	-0.168	44.360	44.192	-29.808	74.000
7356.000	3.495	36.810	40.305	-33.695	74.000
9808.000	6.471	35.600	42.072	-31.928	74.000
Average					
Detector:					
4904.000	-0.168	36.610	36.442	-17.558	54.000
7356.000	3.495	36.620	40.115	-13.885	54.000
9808.000	6.471	36.820	43.292	-10.708	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	43.470	43.241	-30.759	74.000
7236.000	3.182	39.260	42.442	-31.558	74.000
9648.000	5.798	39.480	45.279	-28.721	74.000
Average					
Detector:					
4824.000	-0.229	39.530	39.301	-14.699	54.000
7236.000	3.182	37.165	40.347	-13.653	54.000
9648.000	5.798	37.500	43.299	-10.701	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	40.190	39.961	-34.039	74.000
7236.000	3.182	40.040	43.222	-30.778	74.000
9648.000	5.798	42.100	47.899	-26.101	74.000
Average					
Detector:					
4824.000	-0.229	39.630	39.401	-14.599	54.000
7236.000	3.182	38.200	41.382	-12.618	54.000
9648.000	5.798	37.910	43.709	-10.291	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4874.000	-0.268	40.610	40.342	-33.658	74.000
7311.000	3.285	39.360	42.646	-31.354	74.000
9748.000	6.190	38.680	44.870	-29.130	74.000
Average Detector:					
4874.000	33.927	39.250	38.982	-15.018	54.000
7311.000	38.549	34.520	37.806	-16.194	54.000
9748.000	40.506	38.400	44.590	-9.410	54.000
Vertical Peak Detector:					
4874.000	-0.268	42.790	42.522	-31.478	74.000
7311.000	3.285	39.370	42.656	-31.344	74.000
9748.000	6.190	39.570	45.760	-28.240	74.000
Average Detector:					
4874.000	-0.268	38.550	38.282	-15.718	54.000
7311.000	3.285	35.260	38.546	-15.454	54.000
9748.000	6.190	38.170	44.360	-9.640	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	42.250	42.355	-31.645	74.000
7386.000	3.644	38.220	41.865	-32.135	74.000
9848.000	6.582	38.560	45.142	-28.858	74.000
Average					
Detector:					
4924.000	0.105	37.620	37.725	-16.275	54.000
7386.000	3.644	36.370	40.015	-13.985	54.000
9848.000	6.582	35.950	42.532	-11.468	54.000
Vertical					
Peak Detector:					
4924.000	0.105	40.250	40.355	-33.645	74.000
7386.000	3.644	38.910	42.555	-31.445	74.000
9848.000	6.582	38.640	45.222	-28.778	74.000
Average					
Detector:					
4924.000	0.105	43.150	43.255	-10.745	54.000
7386.000	3.644	39.260	42.905	-11.095	54.000
9848.000	6.582	38.110	44.692	-9.308	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	42.540	42.311	-31.689	74.000
7236.000	3.182	40.120	43.302	-30.698	74.000
9648.000	5.798	39.790	45.589	-28.411	74.000
Average Detector:					
4824.000	-0.229	37.260	37.031	-16.969	54.000
7236.000	3.182	36.420	39.602	-14.398	54.000
9648.000	5.798	39.540	45.339	-8.661	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	42.570	42.341	-31.659	74.000
7236.000	3.182	39.340	42.522	-31.478	74.000
9648.000	5.798	39.110	44.909	-29.091	74.000
Average Detector:					
4824.000	-0.229	37.620	37.391	-16.609	54.000
7236.000	3.182	36.490	39.672	-14.328	54.000
9648.000	5.798	37.580	43.379	-10.621	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4874.000	-0.268	40.510	40.242	-33.758	74.000
7311.000	3.285	40.530	43.816	-30.184	74.000
9748.000	6.190	38.240	44.430	-29.570	74.000
Average Detector:					
4874.000	-0.268	37.560	37.292	-16.708	54.000
7311.000	3.285	34.580	37.866	-16.134	54.000
9748.000	6.190	38.260	44.450	-9.550	54.000
Vertical Peak Detector:					
4874.000	-0.268	43.420	43.152	-30.848	74.000
7311.000	3.285	39.580	42.866	-31.134	74.000
9748.000	6.190	39.100	45.290	-28.710	74.000
Average Detector:					
4874.000	-0.268	37.450	37.182	-16.818	54.000
7311.000	3.285	35.660	38.946	-15.054	54.000
9748.000	6.190	37.960	44.150	-9.850	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	42.850	42.955	-31.045	74.000
7386.000	3.644	38.050	41.695	-32.305	74.000
9848.000	6.582	38.780	45.362	-28.638	74.000
Average					
Detector:					
4924.000	0.105	37.570	37.675	-16.325	54.000
7386.000	3.644	36.470	40.115	-13.885	54.000
9848.000	6.582	38.680	45.262	-8.738	54.000
Vertical					
Peak Detector:					
4924.000	0.105	40.460	40.565	-33.435	74.000
7386.000	3.644	37.780	41.425	-32.575	74.000
9848.000	6.582	37.930	44.512	-29.488	74.000
Average					
Detector:					
4924.000	0.105	37.080	37.185	-16.815	54.000
7386.000	3.644	36.730	40.375	-13.625	54.000
9848.000	6.582	38.020	44.602	-9.398	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2412MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	-0.229	42.660	42.431	-31.569	74.000
7236.000	3.182	40.050	43.232	-30.768	74.000
9648.000	5.798	41.250	47.049	-26.951	74.000
Average Detector:					
4824.000	-0.229	37.940	37.711	-16.289	54.000
7236.000	3.182	36.350	39.532	-14.468	54.000
9648.000	5.798	37.820	43.619	-10.381	54.000
Vertical					
Peak Detector:					
4824.000	-0.229	42.420	42.191	-31.809	74.000
7236.000	3.182	38.730	41.912	-32.088	74.000
9648.000	5.798	39.850	45.649	-28.351	74.000
Average Detector:					
4824.000	-0.229	35.880	35.651	-18.349	54.000
7236.000	3.182	36.540	39.722	-14.278	54.000
9648.000	5.798	37.580	43.379	-10.621	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4874.000	-0.268	40.120	39.852	-34.148	74.000
7311.000	3.285	38.750	42.036	-31.964	74.000
9748.000	6.190	39.050	45.240	-28.760	74.000
Average					
Detector:					
4874.000	-0.268	37.680	37.412	-16.588	54.000
7311.000	3.285	35.190	38.476	-15.524	54.000
9748.000	6.190	37.960	44.150	-9.850	54.000
Vertical					
Peak Detector:					
4874.000	-0.268	42.430	42.162	-31.838	74.000
7311.000	3.285	39.490	42.776	-31.224	74.000
9748.000	6.190	38.130	44.320	-29.680	74.000
Average					
Detector:					
4874.000	-0.268	38.260	37.992	-16.008	54.000
7311.000	3.285	35.190	38.476	-15.524	54.000
9748.000	6.190	37.030	43.220	-10.780	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2462 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4924.000	0.105	44.500	44.605	-29.395	74.000
7386.000	3.644	38.700	42.345	-31.655	74.000
9848.000	6.582	37.260	43.842	-30.158	74.000
Average					
Detector:					
4924.000	0.105	37.250	37.355	-16.645	54.000
7386.000	3.644	36.440	40.085	-13.915	54.000
9848.000	6.582	38.210	44.792	-9.208	54.000
Vertical					
Peak Detector:					
4924.000	0.105	40.620	40.725	-33.275	74.000
7386.000	3.644	38.580	42.225	-31.775	74.000
9848.000	6.582	38.120	44.702	-29.298	74.000
Average					
Detector:					
4924.000	0.105	37.400	37.505	-16.495	54.000
7386.000	3.644	35.810	39.455	-14.545	54.000
9848.000	6.582	38.420	45.002	-8.998	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2422MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4844.000	-0.244	40.570	40.326	-33.674	74.000
7266.000	3.220	38.840	42.060	-31.940	74.000
9688.000	5.909	39.420	45.329	-28.671	74.000
Average Detector:					
4844.000	-0.244	37.700	37.456	-16.544	54.000
7266.000	3.220	37.370	40.590	-13.410	54.000
9688.000	5.909	38.650	44.559	-9.441	54.000
Vertical					
Peak Detector:					
4844.000	-0.244	42.690	42.446	-31.554	74.000
7266.000	3.220	39.600	42.820	-31.180	74.000
9688.000	5.909	40.200	46.109	-27.891	74.000
Average Detector:					
4844.000	-0.244	38.470	38.226	-15.774	54.000
7266.000	3.220	37.210	40.430	-13.570	54.000
9688.000	5.909	39.280	45.189	-8.811	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4874.000	-0.268	41.350	41.082	-32.918	74.000
7311.000	3.285	39.470	42.756	-31.244	74.000
9748.000	6.190	38.940	45.130	-28.870	74.000
Average					
Detector:					
4874.000	-0.268	39.850	39.582	-14.418	54.000
7311.000	3.285	37.050	40.336	-13.664	54.000
9748.000	6.190	36.460	42.650	-11.350	54.000
Vertical					
Peak Detector:					
4874.000	-0.268	42.050	41.782	-32.218	74.000
7311.000	3.285	41.060	44.346	-29.654	74.000
9748.000	6.190	38.700	44.890	-29.110	74.000
Average					
Detector:					
4874.000	-0.268	38.080	37.812	-16.188	54.000
7311.000	3.285	35.950	39.236	-14.764	54.000
9748.000	6.190	36.280	42.470	-11.530	54.000

Note:

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

Product : Eee PC
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2452 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4904.000	-0.168	41.310	41.142	-32.858	74.000
7356.000	3.495	39.310	42.805	-31.195	74.000
9808.000	6.471	38.410	44.882	-29.118	74.000
Average					
Detector:					
4904.000	-0.168	38.260	38.092	-15.908	54.000
7356.000	3.495	37.020	40.515	-13.485	54.000
9808.000	6.471	36.680	43.152	-10.848	54.000
Vertical					
Peak Detector:					
4904.000	-0.168	39.730	39.562	-34.438	74.000
7356.000	3.495	38.990	42.485	-31.515	74.000
9808.000	6.471	39.080	45.552	-28.448	74.000
Average					
Detector:					
4904.000	-0.168	38.180	38.012	-15.988	54.000
7356.000	3.495	36.430	39.925	-14.075	54.000
9808.000	6.471	36.300	42.772	-11.228	54.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
191.020	7.955	24.912	32.867	-10.633	43.500
299.660	12.528	23.034	35.562	-10.438	46.000
534.400	16.722	15.736	32.458	-13.542	46.000
602.300	17.862	16.221	34.083	-11.917	46.000
792.420	19.541	14.579	34.120	-11.880	46.000
912.700	19.550	10.893	30.443	-15.557	46.000
Vertical					
159.980	8.680	20.669	29.349	-14.151	43.500
299.660	12.145	13.592	25.737	-20.263	46.000
460.680	16.446	12.404	28.850	-17.150	46.000
528.589	16.927	12.925	29.852	-16.148	46.000
672.140	17.577	8.273	25.850	-20.150	46.000
802.120	19.160	13.800	32.960	-13.040	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
128.940	11.586	19.934	31.520	-11.980	43.500
299.660	12.528	21.682	34.210	-11.790	46.000
549.210	18.291	13.449	31.740	-14.260	46.000
600.360	17.746	16.834	34.580	-11.420	46.000
716.760	18.197	13.323	31.520	-14.480	46.000
798.240	19.386	11.024	30.410	-15.590	46.000
Vertical					
159.980	8.680	16.170	24.850	-18.650	43.500
330.700	12.662	13.748	26.410	-19.590	46.000
474.060	16.333	8.627	24.960	-21.040	46.000
528.580	16.927	14.067	30.994	-15.006	46.000
782.720	19.712	12.138	31.850	-14.150	46.000
912.700	21.250	11.490	32.740	-13.260	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
191.020	9.252	20.684	29.936	-13.564	43.500
396.660	16.228	15.787	32.015	-13.985	46.000
577.080	19.784	14.740	34.524	-11.476	46.000
660.500	20.942	13.277	34.219	-11.781	46.000
889.420	22.362	13.941	36.303	-9.697	46.000
935.980	22.763	13.584	36.347	-9.653	46.000
Vertical					
202.660	9.853	21.573	31.426	-12.074	43.500
251.160	13.348	17.628	30.976	-15.024	46.000
383.080	16.900	14.013	30.913	-15.087	46.000
600.360	21.951	6.597	28.548	-17.452	46.000
769.140	22.674	14.386	37.060	-8.940	46.000
934.040	24.053	11.734	35.787	-10.213	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
167.740	10.212	19.035	29.247	-14.253	43.500
288.020	13.476	17.439	30.915	-15.085	46.000
383.080	15.831	19.182	35.013	-10.987	46.000
462.620	18.644	14.541	33.185	-12.815	46.000
672.140	20.553	16.511	37.064	-8.936	46.000
769.140	21.924	14.849	36.773	-9.227	46.000
Vertical					
249.220	13.116	18.144	31.260	-14.740	46.000
336.520	14.364	16.651	31.015	-14.985	46.000
501.420	18.356	11.967	30.323	-15.677	46.000
586.780	21.914	6.612	28.526	-17.474	46.000
769.140	22.674	12.270	34.944	-11.056	46.000
889.420	23.062	9.158	32.220	-13.780	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
112.450	12.310	24.491	36.801	-6.699	43.500
168.225	9.351	22.453	31.804	-11.696	43.500
224.000	9.334	25.535	34.869	-11.131	46.000
321.000	12.578	22.843	35.421	-10.579	46.000
432.550	16.453	18.297	34.750	-11.250	46.000
592.600	18.604	18.595	37.199	-8.801	46.000
Vertical					
112.450	11.221	23.442	34.663	-8.837	43.500
175.500	8.907	24.339	33.246	-10.254	43.500
255.525	12.907	23.335	36.242	-9.758	46.000
335.550	13.231	20.595	33.826	-12.174	46.000
384.050	15.661	13.816	29.477	-16.523	46.000
512.575	17.455	17.958	35.413	-10.587	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
168.225	9.351	26.155	35.506	-7.994	43.500
224.000	9.334	26.322	35.656	-10.344	46.000
311.300	12.748	23.163	35.911	-10.089	46.000
384.050	14.600	23.454	38.054	-7.946	46.000
599.875	18.534	19.965	38.499	-7.501	46.000
767.200	20.522	15.529	36.051	-9.949	46.000
Vertical					
112.400	11.231	22.836	34.067	-9.433	43.500
175.500	8.907	26.120	35.027	-8.473	43.500
255.525	12.907	22.254	35.161	-10.839	46.000
335.500	13.225	20.797	34.022	-11.978	46.000
544.100	19.294	12.294	31.588	-14.412	46.000
815.700	19.934	10.764	30.698	-15.302	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
158.300	11.007	16.392	27.400	-16.100	43.500
258.690	14.304	20.550	34.855	-11.145	46.000
365.200	15.770	18.360	34.130	-11.870	46.000
488.360	18.466	15.034	33.500	-12.500	46.000
652.100	20.810	13.390	34.200	-11.800	46.000
852.100	22.567	6.973	29.540	-16.460	46.000
Vertical					
148.360	10.667	17.934	28.600	-14.900	43.500
333.400	14.331	14.270	28.600	-17.400	46.000
526.400	18.857	15.393	34.250	-11.750	46.000
652.800	20.132	6.168	26.300	-19.700	46.000
742.600	23.284	3.916	27.200	-18.800	46.000
915.600	24.142	2.858	27.000	-19.000	46.000

Note:

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

Product : Eee PC
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2 (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
287.500	13.474	17.726	31.200	-14.800	46.000
435.600	17.600	9.800	27.400	-18.600	46.000
486.500	18.495	10.806	29.300	-16.700	46.000
625.800	20.825	12.875	33.700	-12.300	46.000
657.400	20.798	7.802	28.600	-17.400	46.000
803.500	21.836	3.125	24.960	-21.040	46.000
Vertical					
195.300	9.418	15.182	24.600	-18.900	43.500
285.600	13.753	20.447	34.200	-11.800	46.000
446.800	18.965	4.035	23.000	-23.000	46.000
526.400	18.857	6.343	25.200	-20.800	46.000
725.400	22.553	9.046	31.600	-14.400	46.000
824.600	21.489	3.410	24.900	-21.100	46.000

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

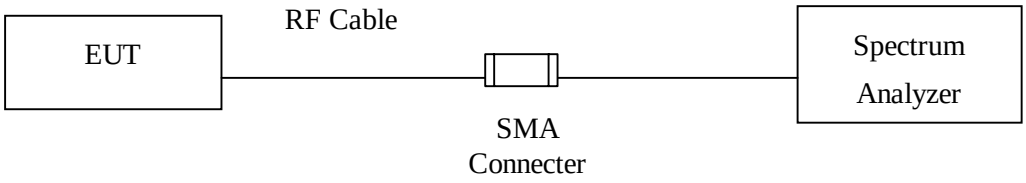
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Test Receiver	R & S	ESI 26 / 838786 / 004	May, 2008
	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2008

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

5.2. Test Setup

RF antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on 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 was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

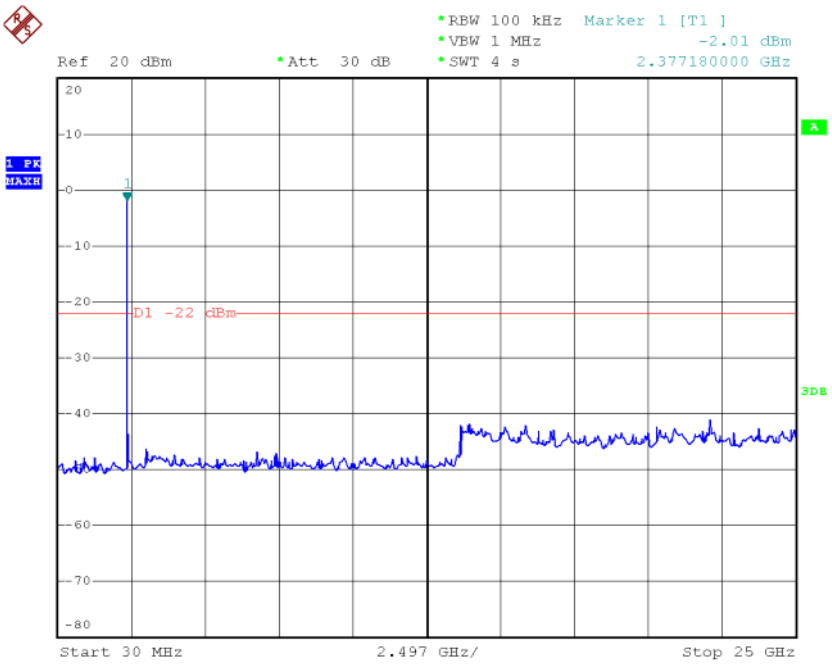
5.5. Uncertainty

The measurement uncertainty
Conducted is defined as ± 1.27dB

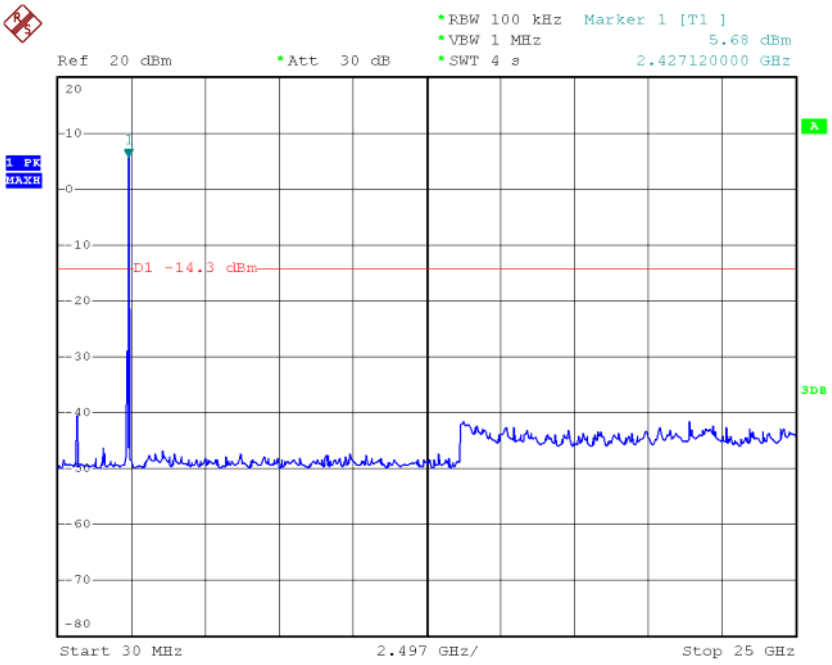
5.6. Test Result of RF antenna conducted test

Product : Eee PC
Test Item : RF antenna conducted test
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

Channel 01 (2412MHz) 30-25GHz

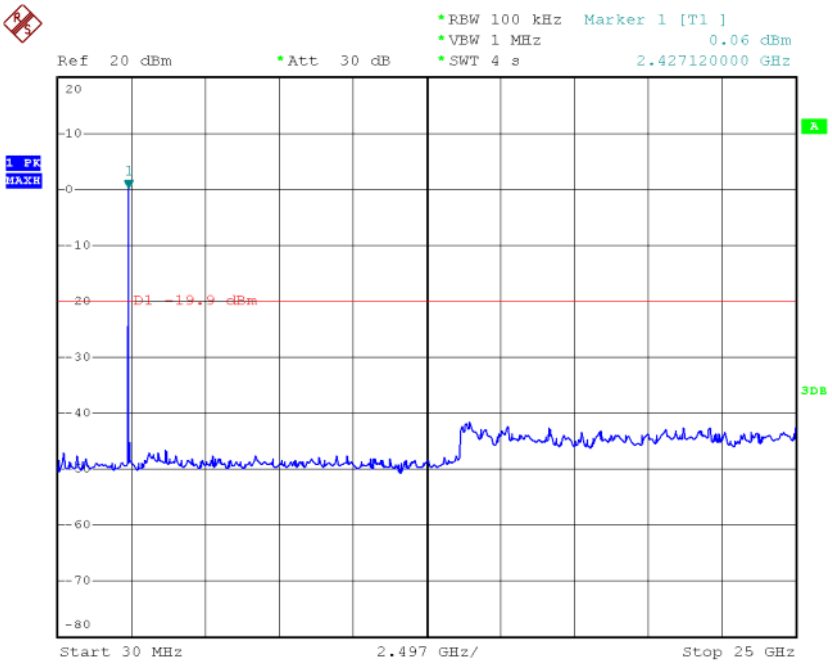


Channel 06 (2437MHz) 30-25GHz



Date: 17.MAY.2008 14:51:33

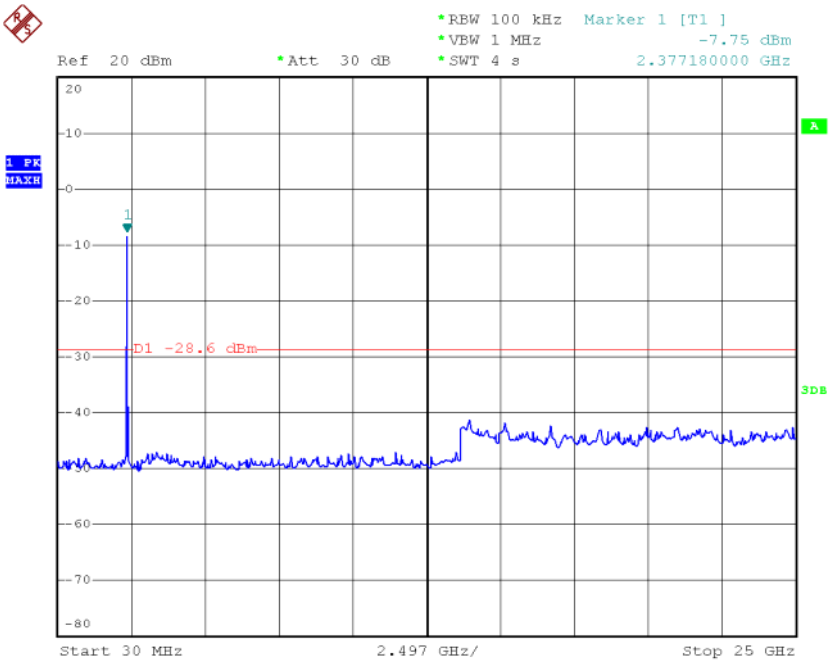
Channel 11 (2462MHz) 30-25GHz



Date: 17.MAY.2008 14:52:08

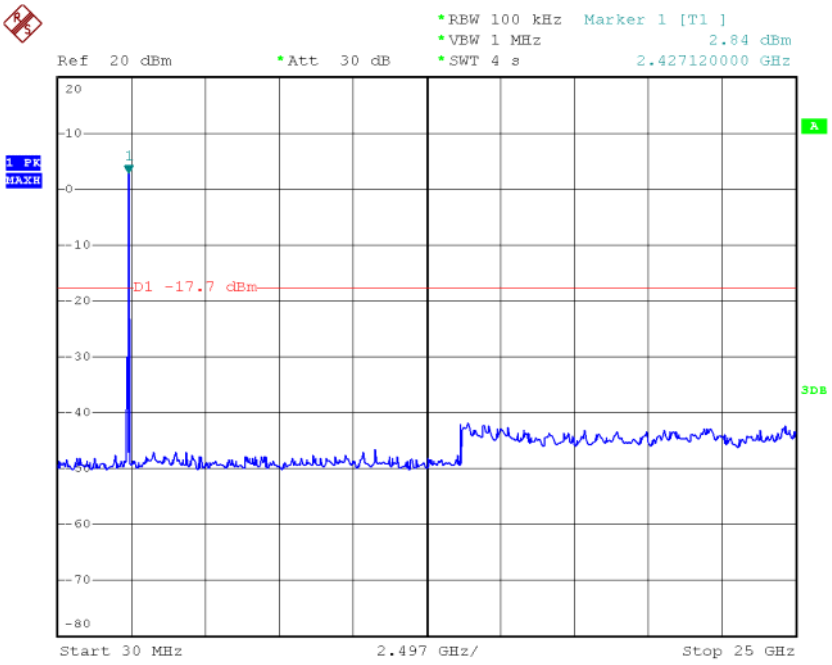
Product : Eee PC
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

Channel 01 (2412MHz) 30-25GHz



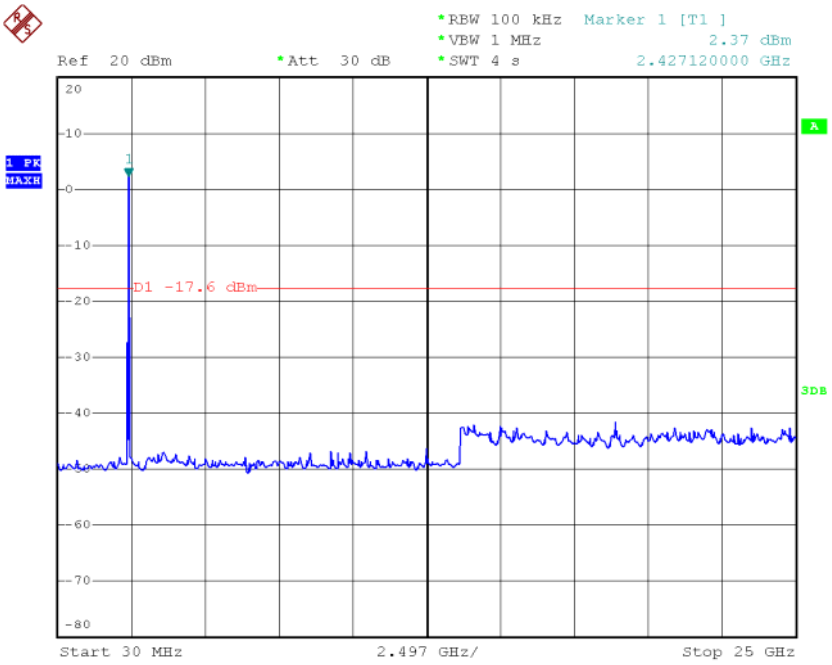
Date: 17.MAY.2008 14:53:01

Channel 06 (2437MHz) 30-25GHz



Date: 17.MAY.2008 14:53:39

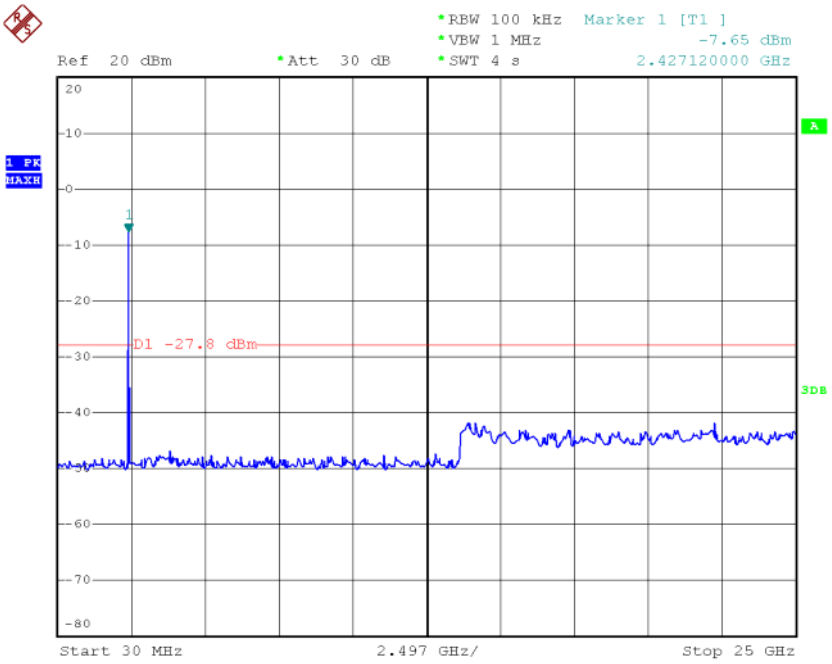
Channel 11 (2462MHz) 30-25GHz



Date: 17.MAY.2008 14:56:47

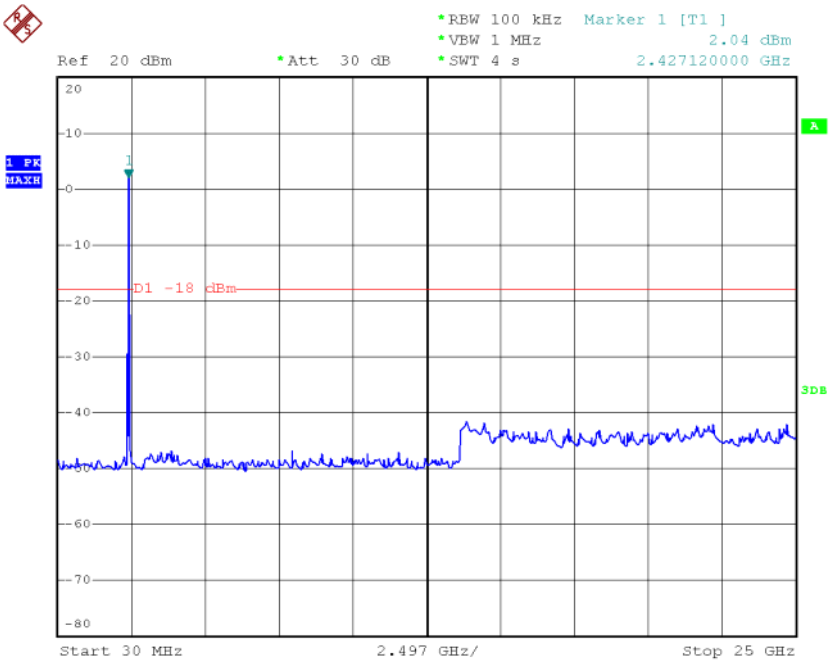
Product : Eee PC
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

Channel 01 (2412MHz) 30-25GHz



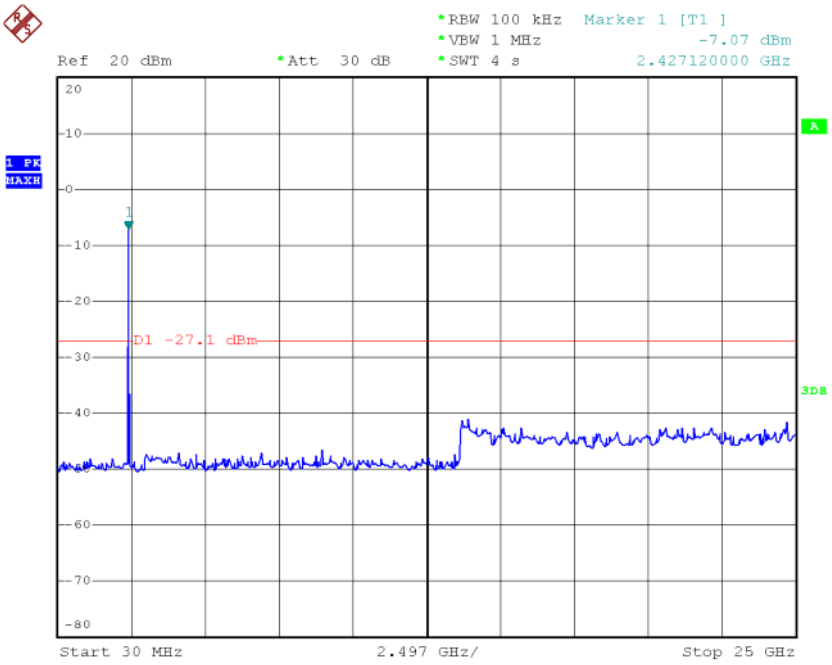
Date: 17.MAY.2008 14:57:43

Channel 06 (2437MHz) 30-25GHz



Date: 17.MAY.2008 15:07:06

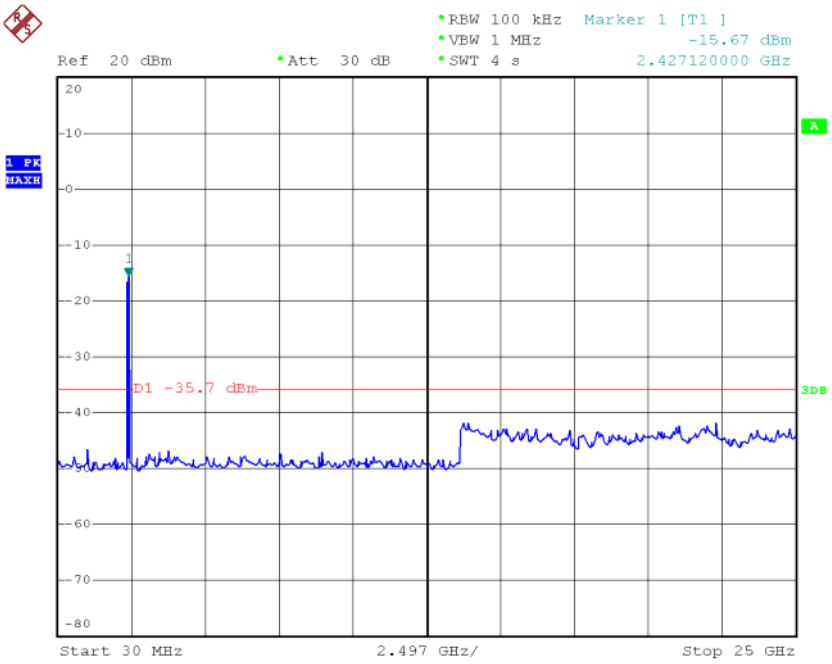
Channel 11 (2462MHz) 30-25GHz



Date: 17.MAY.2008 15:08:14

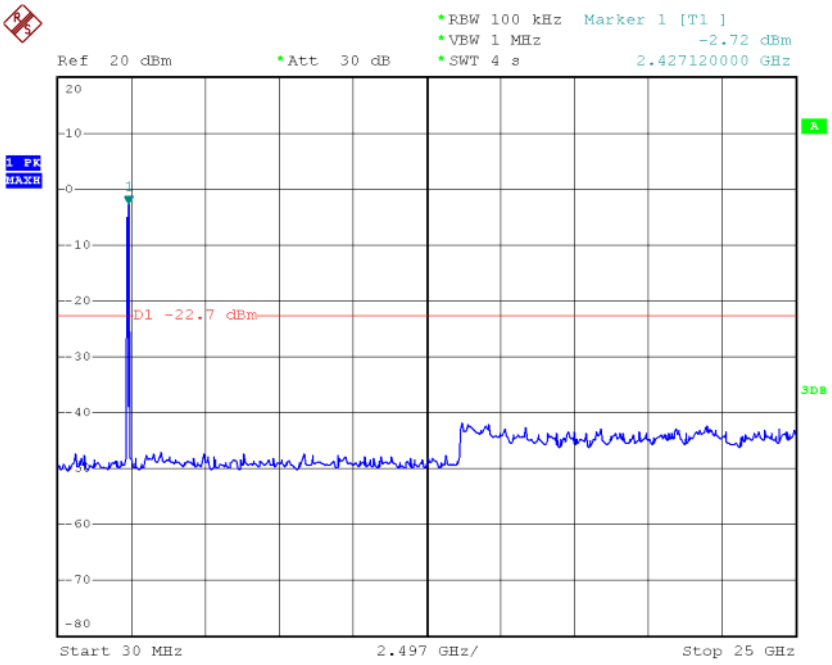
Product : Eee PC
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

Channel 01 (2422MHz) 30-25GHz



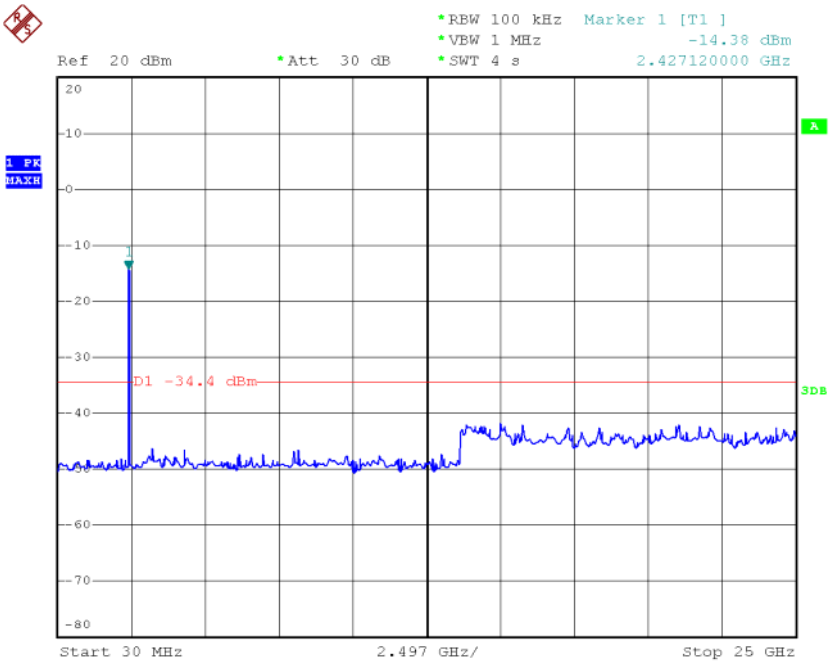
Date: 17.MAY.2008 14:58:57

Channel 04 (2437MHz) 30-25GHz



Date: 17.MAY.2008 14:59:43

Channel 07 (2452MHz) 30-25GHz



Date: 17.MAY.2008 15:00:19

6. Band Edge

6.1. Test Equipment

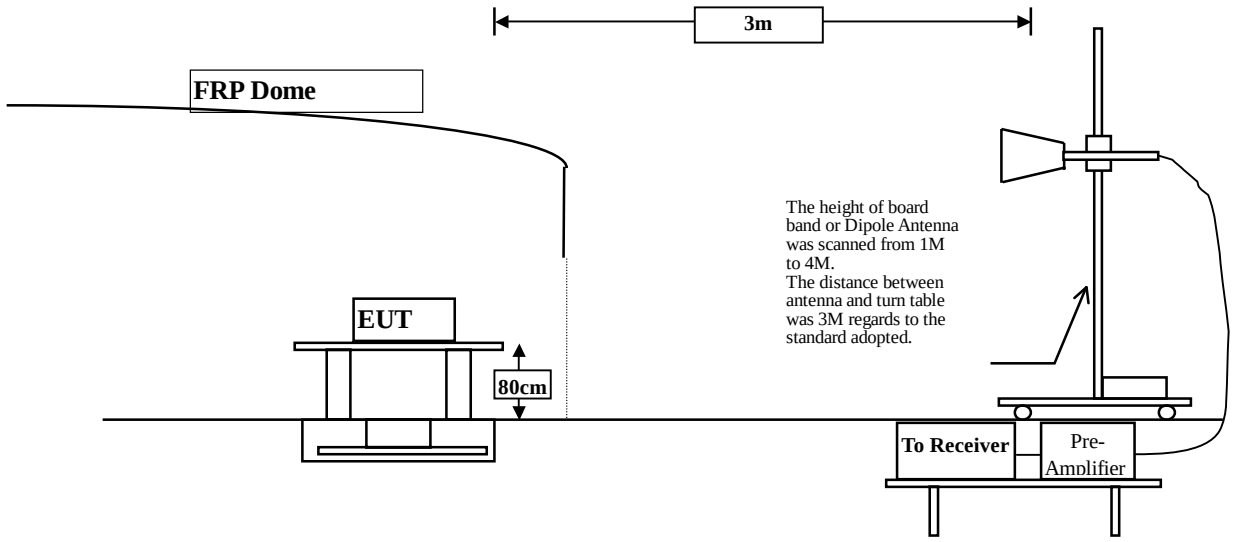
The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☒Site # 3	X	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2007
	X	Pre-Amplifier	AGILENT	8447D/2944A09549	Sep., 2007
	X	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2007
	X	Spectrum Analyzer	Advantest	R3162/91700283	Oct., 2007
	X	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2008
	X	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	X	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

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

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Uncertainty

± 3.9 dB above 1GHz
± 3.8 dB below 1GHz

6.6. Test Result of Band Edge

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	66.398	59.630	74.00	54.00	Pass
01 (Average)	2386.300	-6.779	57.085	50.306	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

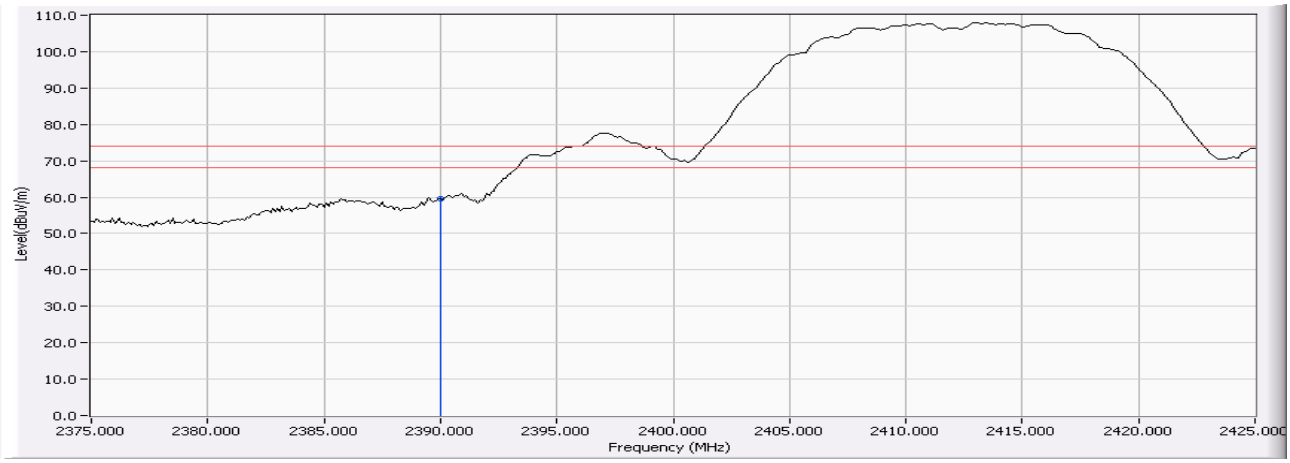
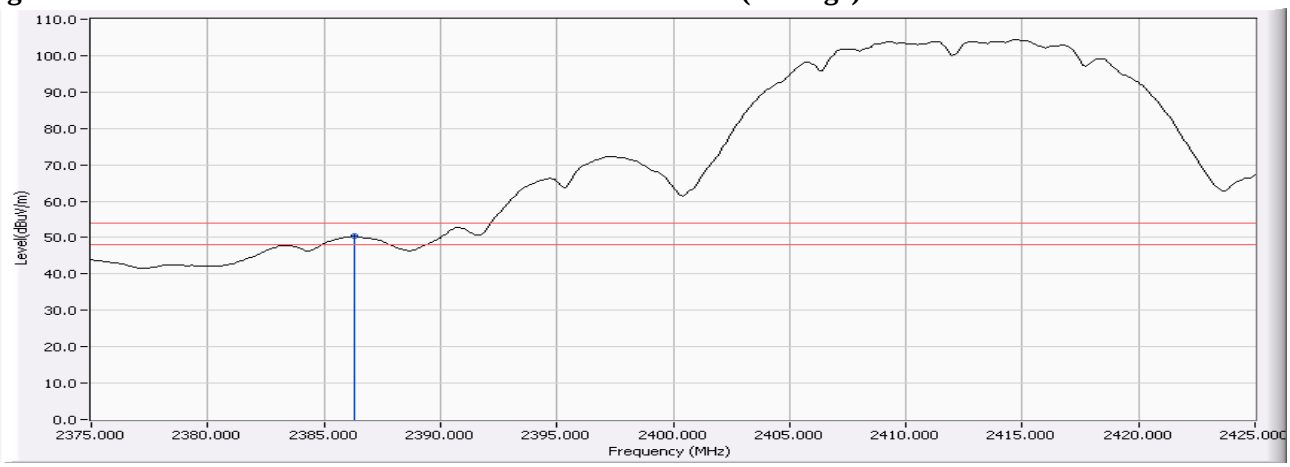


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	60.031	53.263	74.00	54.00	Pass
01 (Average)	2386.900	-6.777	48.806	42.029	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

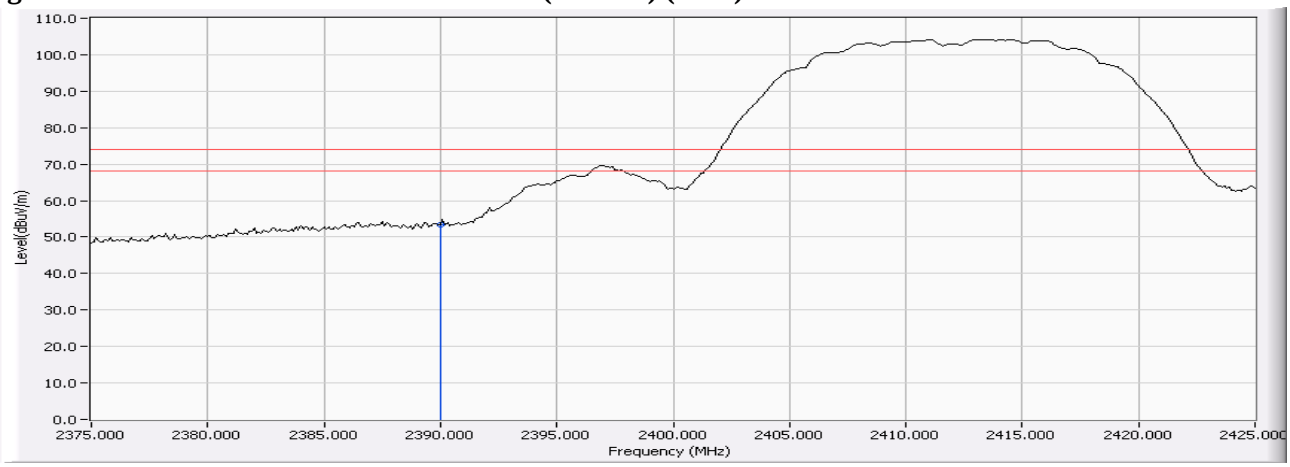
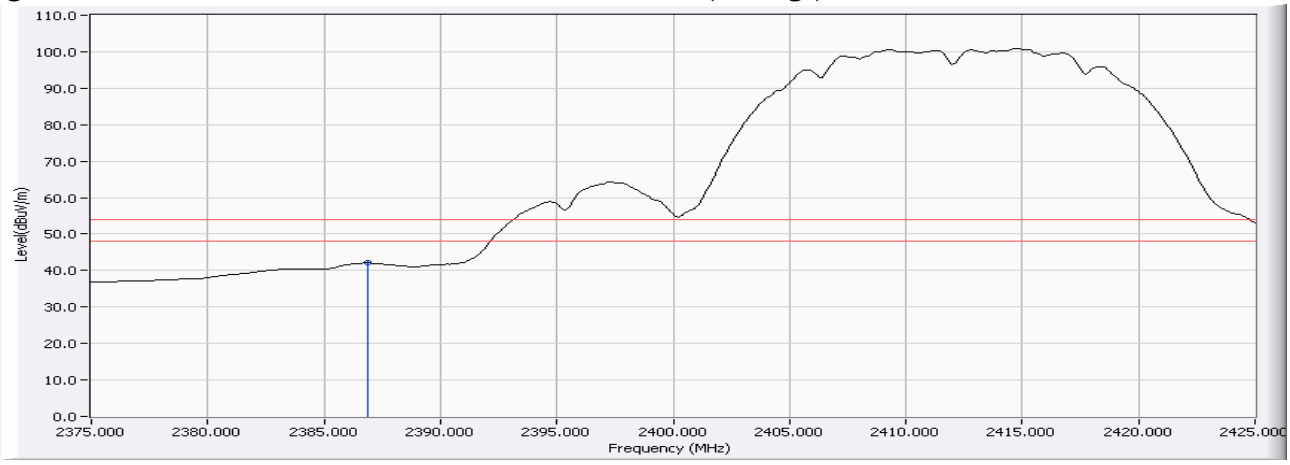


Figure Channel 01: Vertical (Average)



Note:

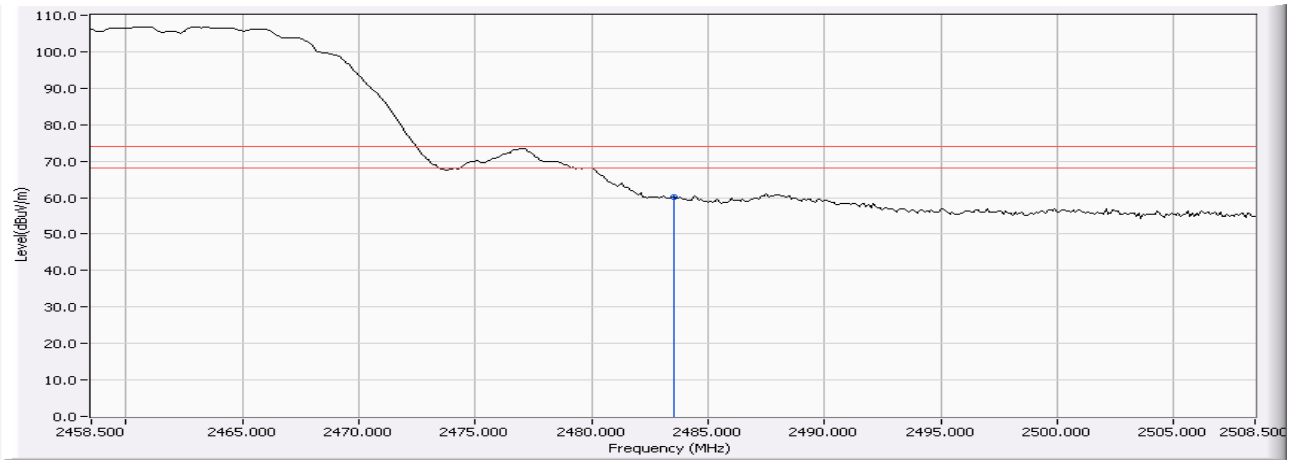
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

RF Radiated Measurement (Horizontal):

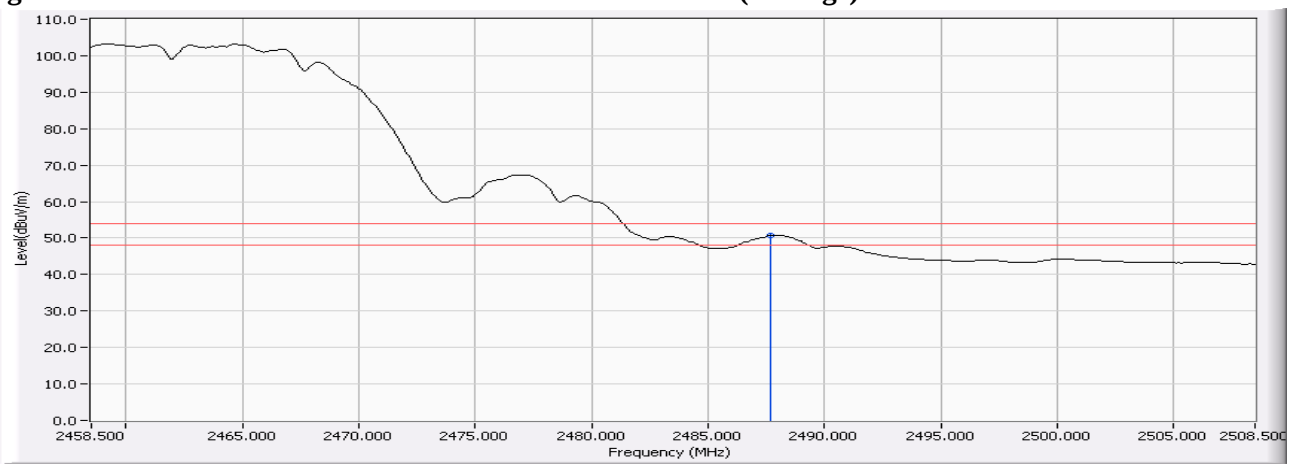
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	66.502	60.034	74.00	54.00	Pass
11(Average)	2487.700	29.983	57.210	50.747	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)



Note: RBW=1MHz, VBW=1MHz, Sweep=500ms

Figure Channel 11: Horizontal (Average)



Note:

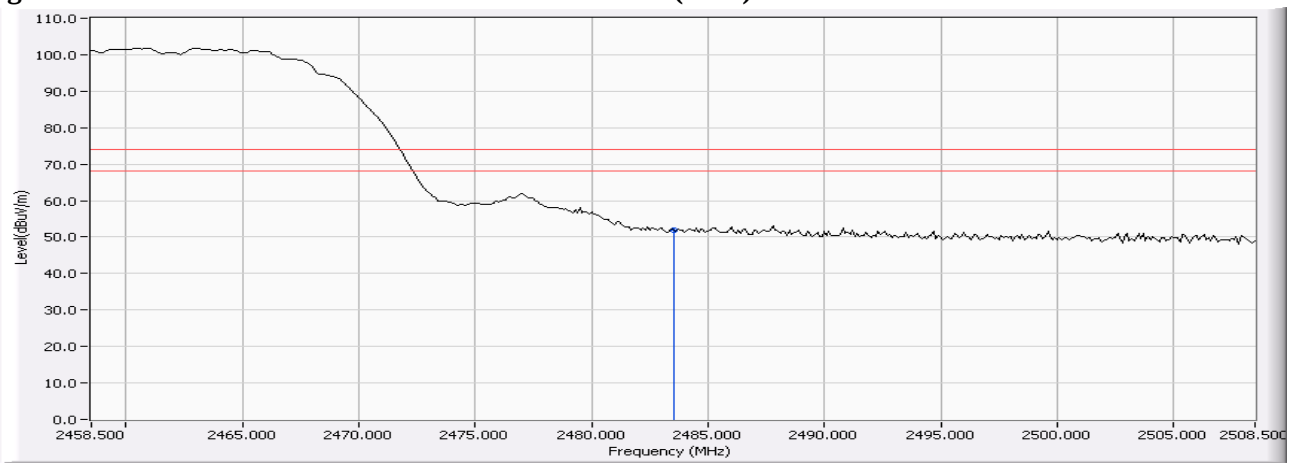
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1

RF Radiated Measurement (Vertical):

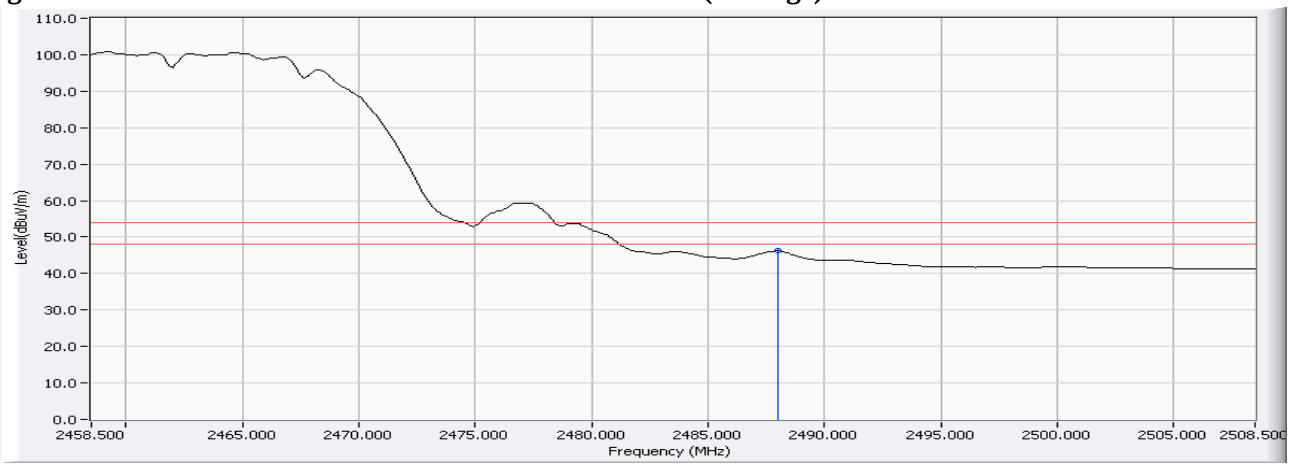
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	58.310	51.842	74.00	54.00	Pass
11(Average)	2488.000	-6.462	52.617	46.155	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)



Note: RBW=1MHz, VBW=1MHz, Sweep=500ms

Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	76.697	69.929	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	57.719	50.951	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

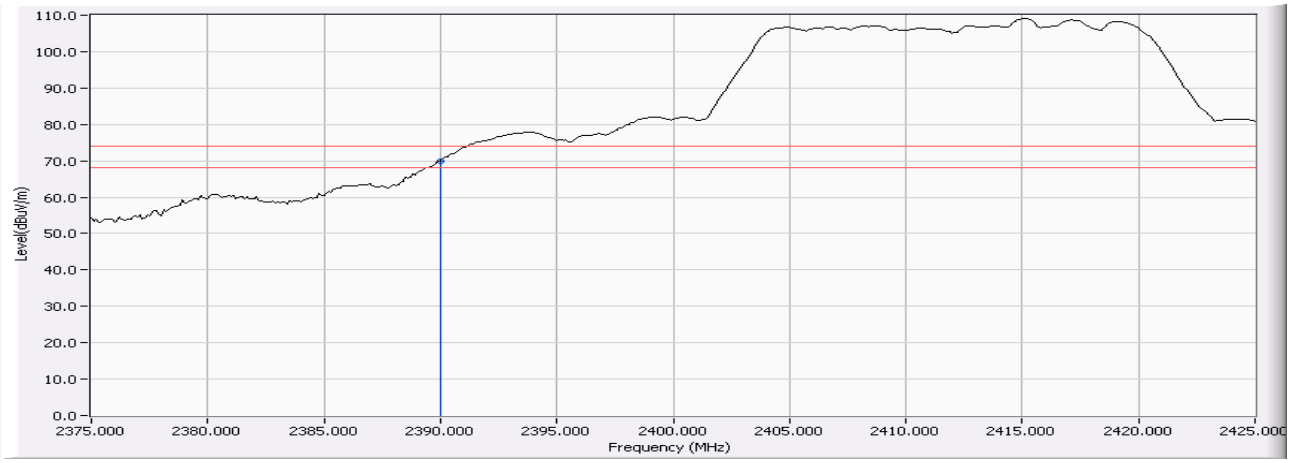
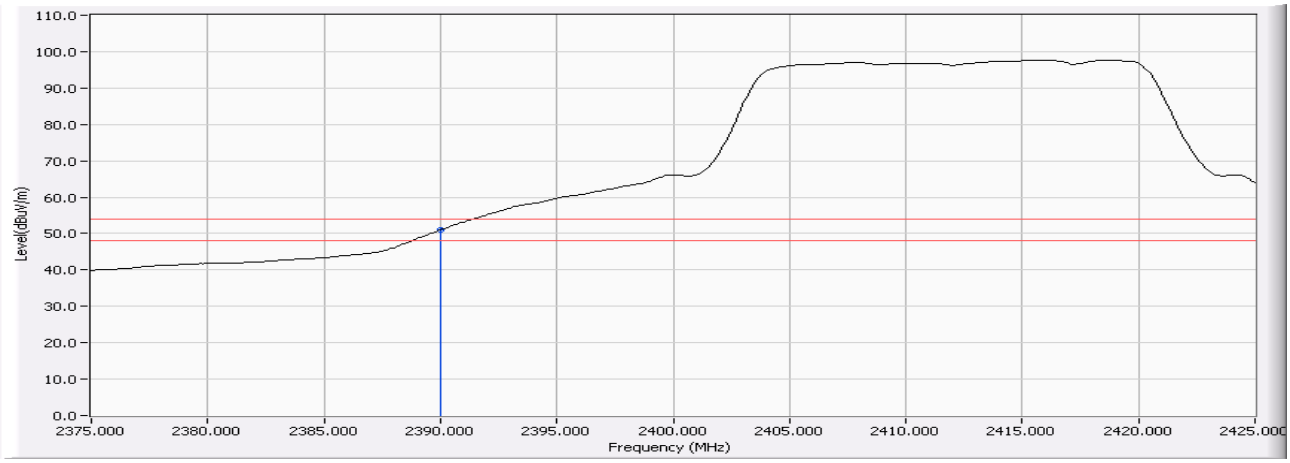


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	66.806	60.038	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	50.895	44.127	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

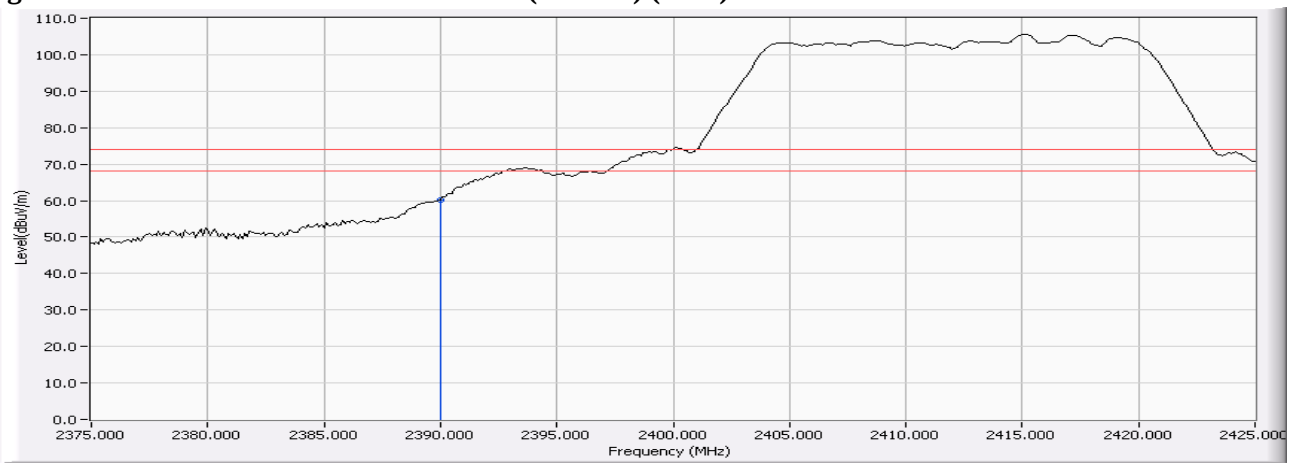
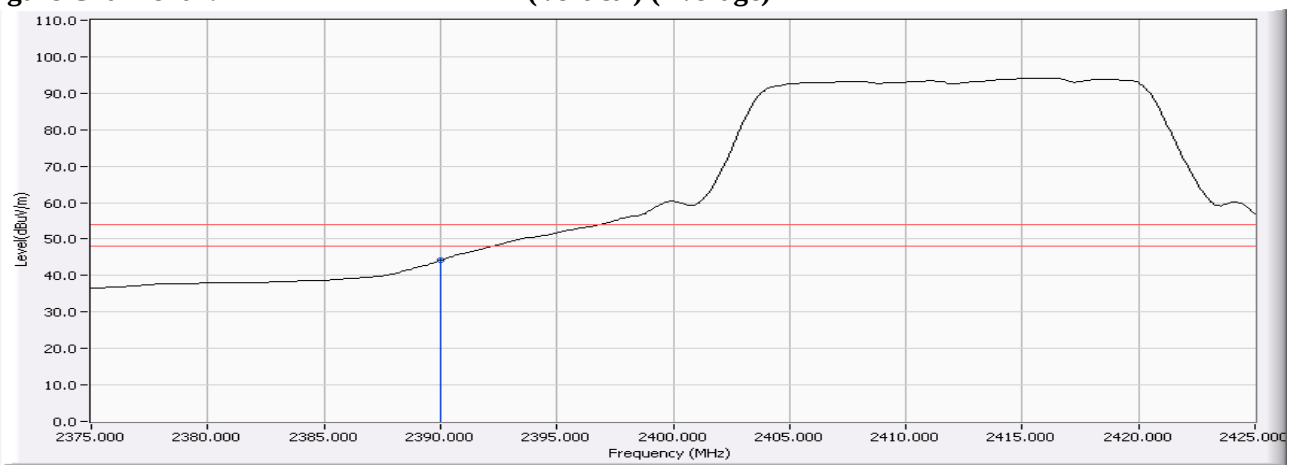


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	76.635	70.167	74.00	54.00	Pass
11 (Average)	2483.500	-6.469	56.284	49.816	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

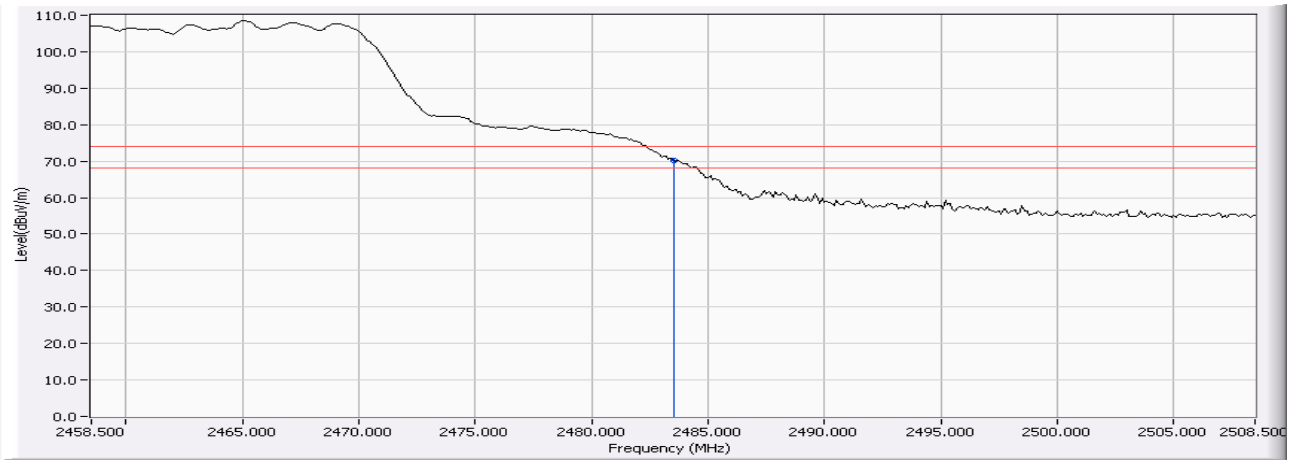
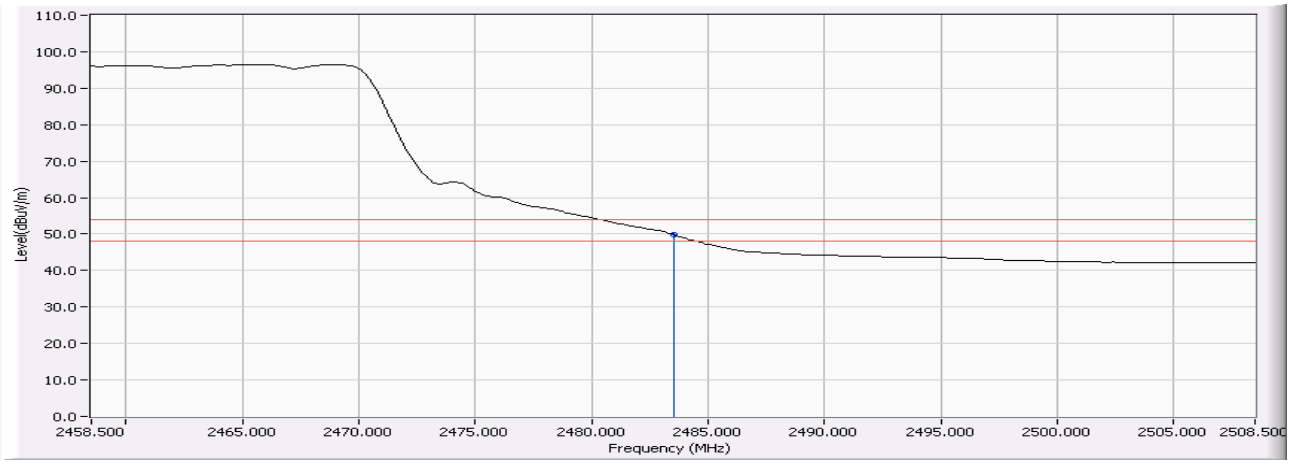


Figure Channel 11: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	67.527	61.059	74.00	54.00	Pass
11(Average)	2483.500	-6.469	50.836	44.368	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

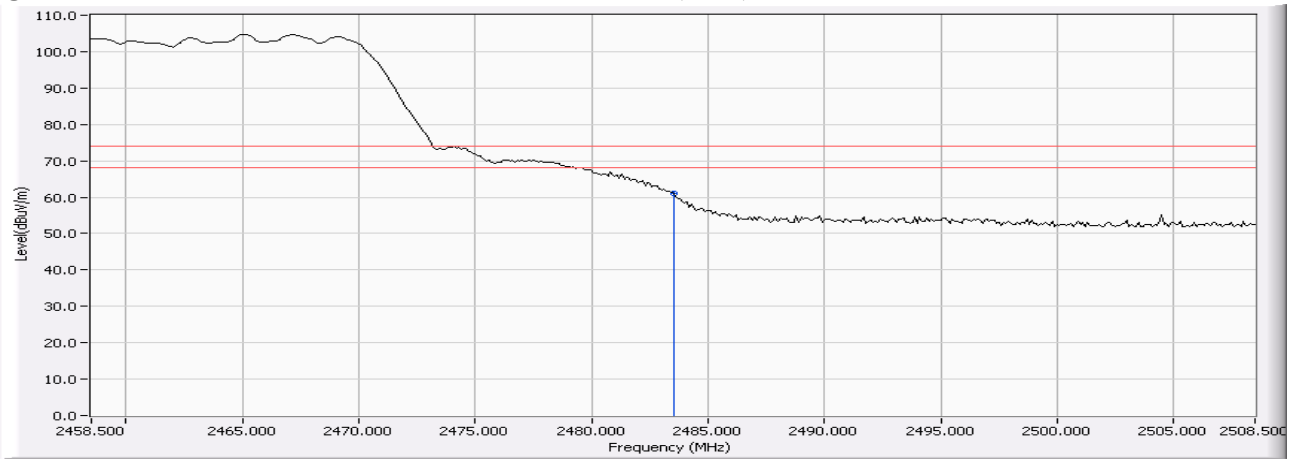
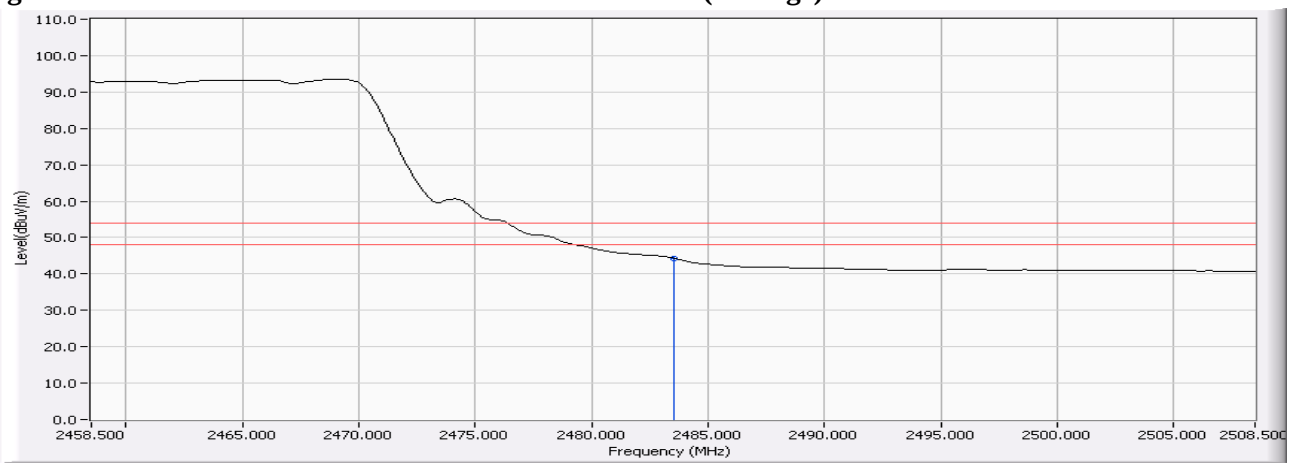


Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	76.554	69.786	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	57.662	50.894	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

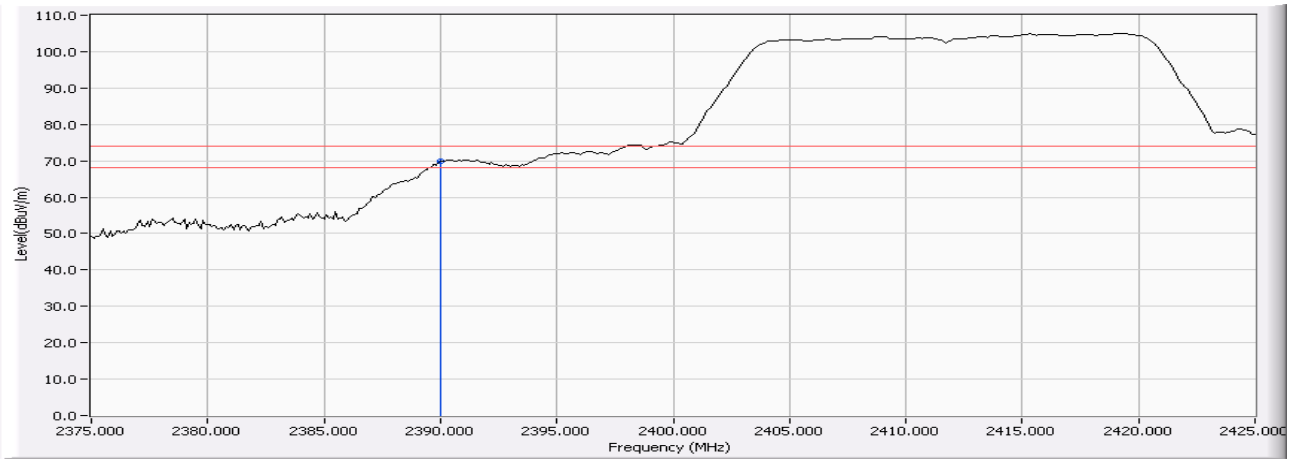
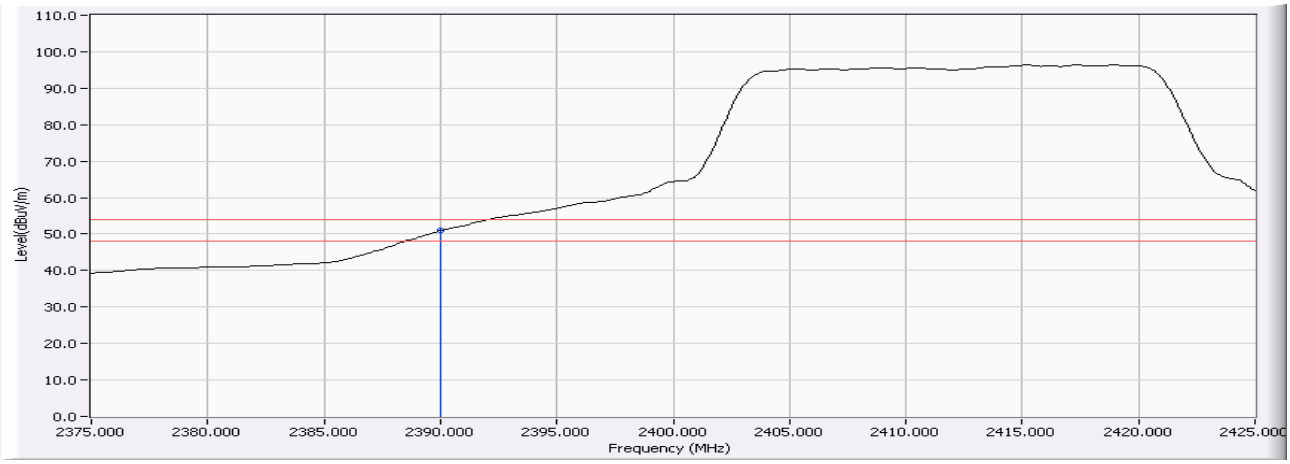


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	70.938	64.170	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	52.601	45.833	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

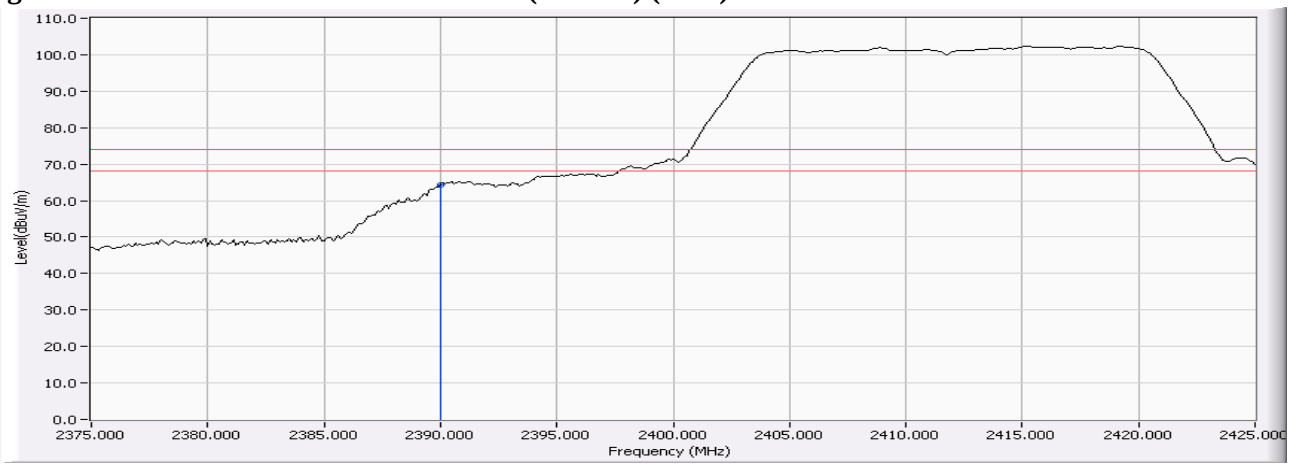
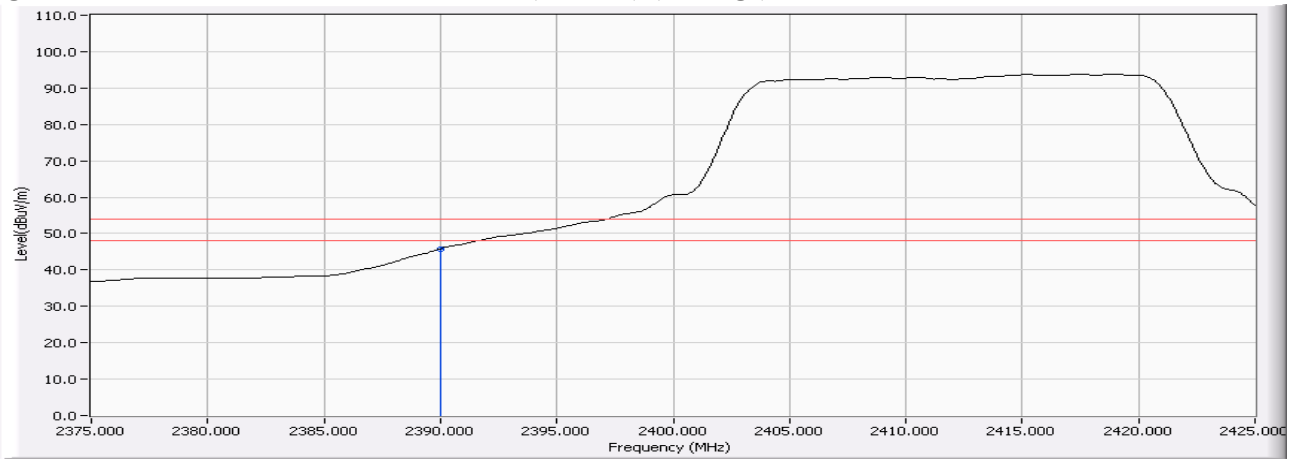


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	77.857	71.389	74.00	54.00	Pass
11 (Average)	2483.500	-6.469	57.670	51.202	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

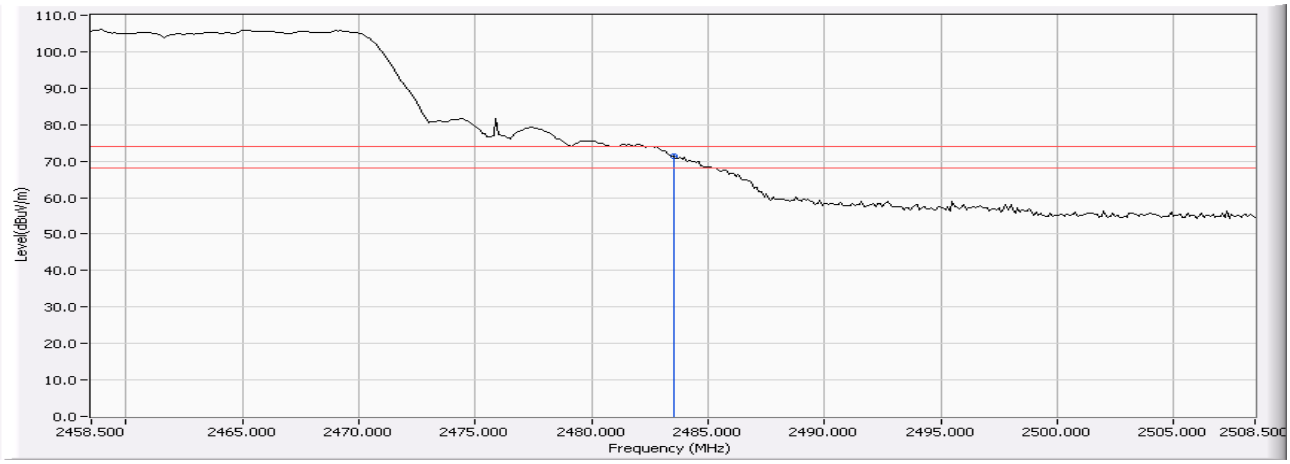
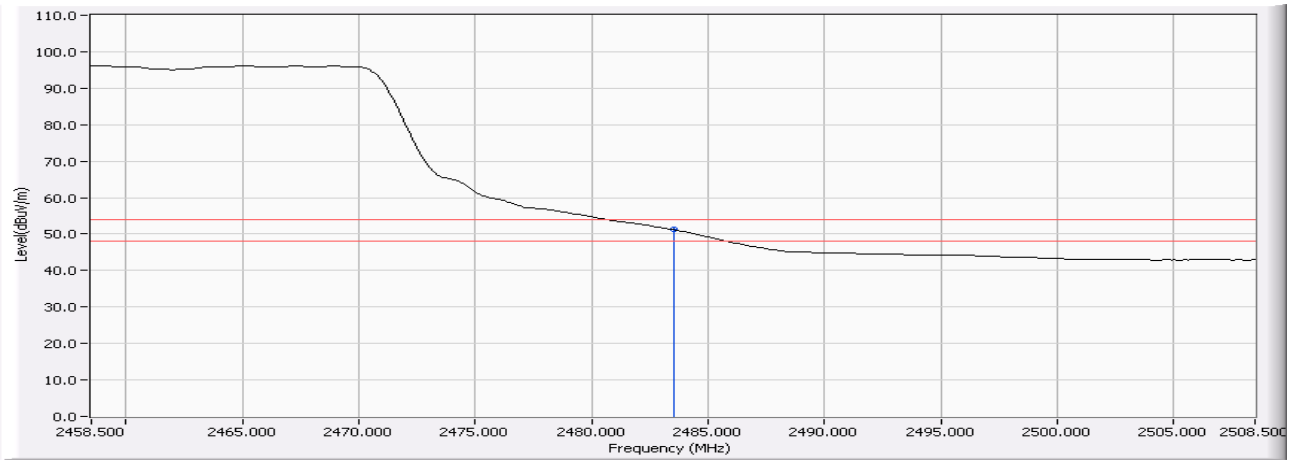


Figure Channel 11: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	65.674	59.206	74.00	54.00	Pass
11 (Average)	2483.500	-6.469	50.298	43.830	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

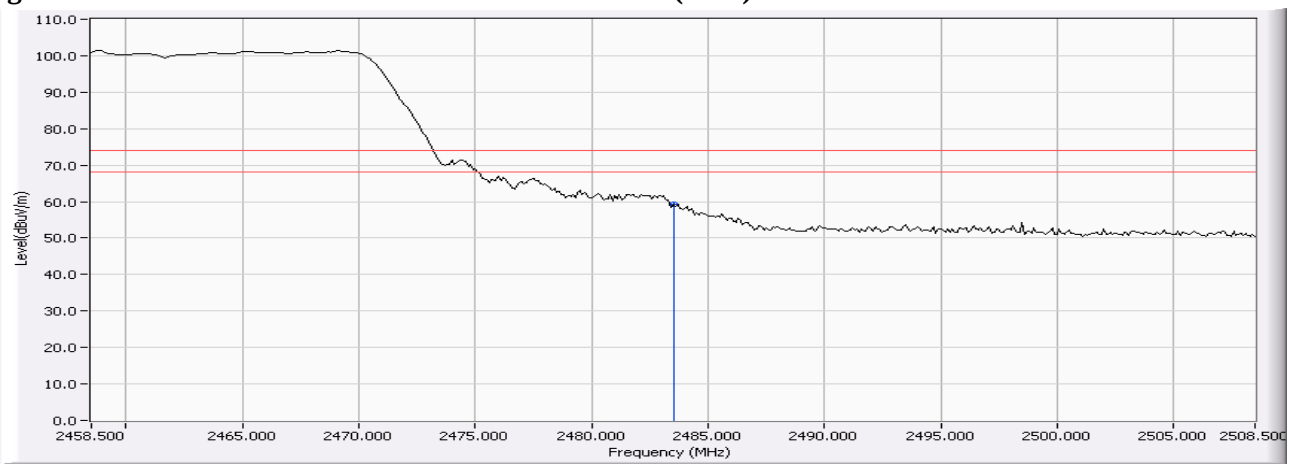
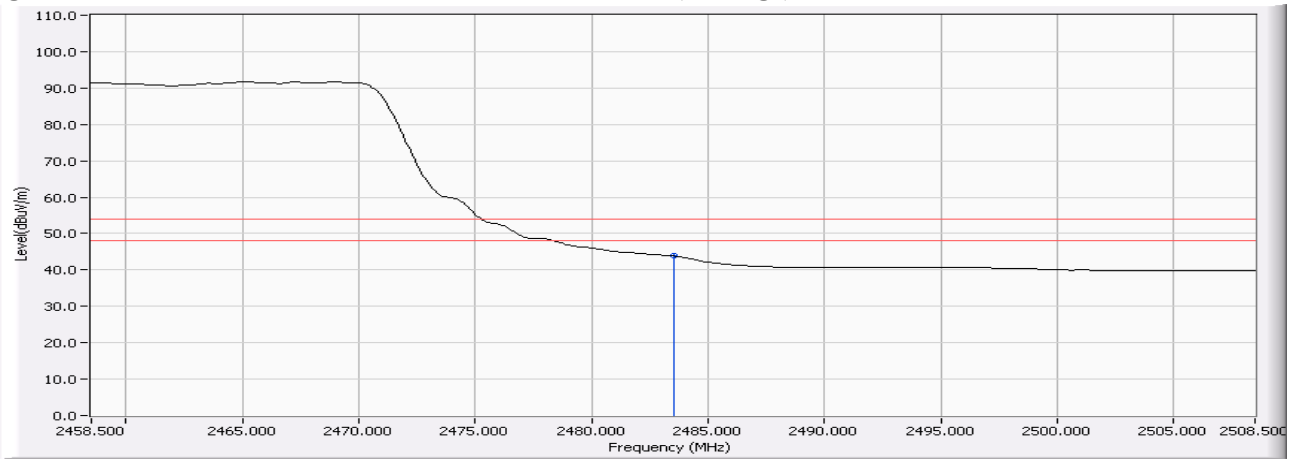


Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	70.140	63.372	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	58.025	51.257	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

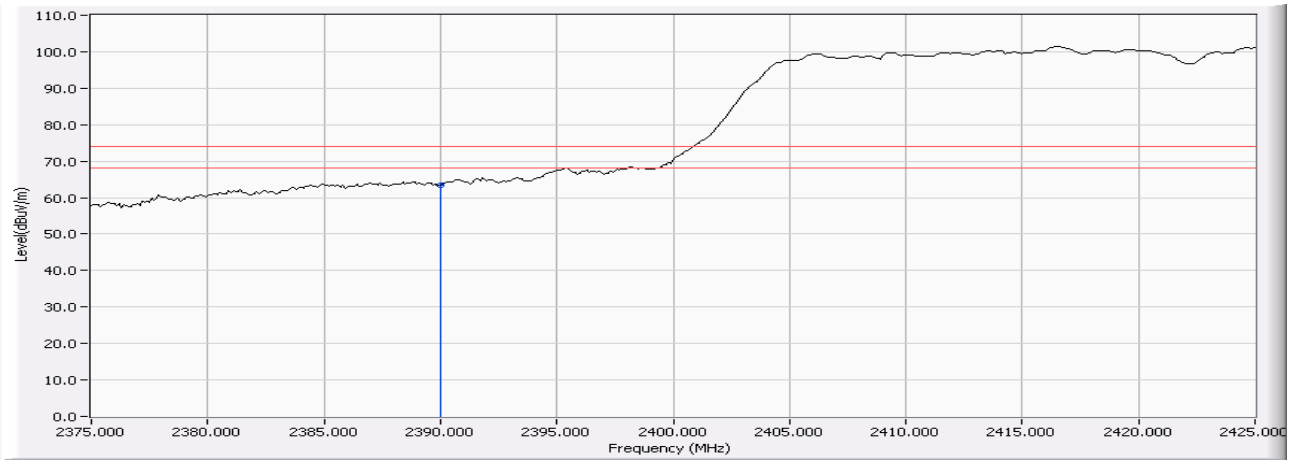
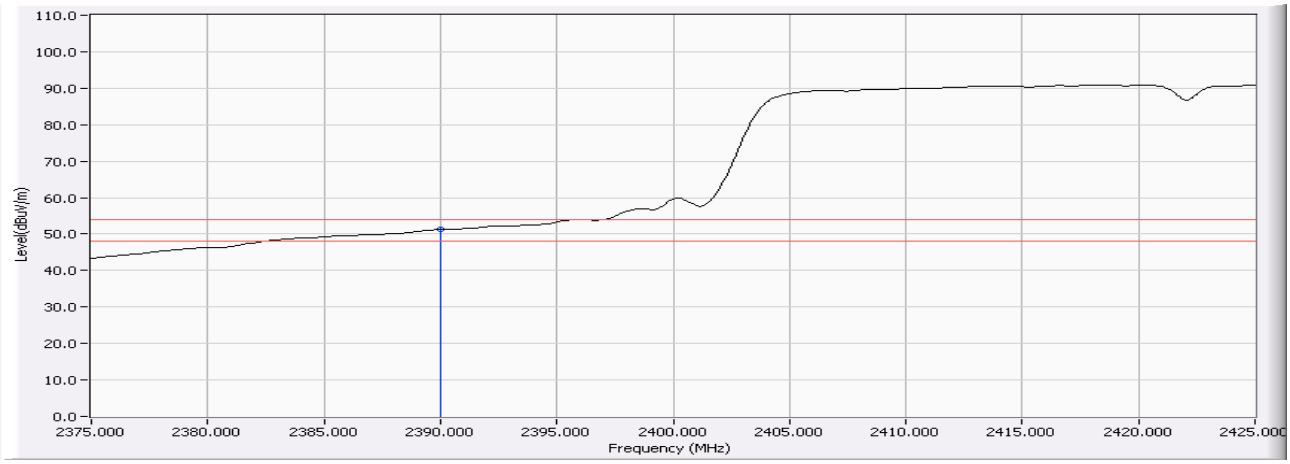


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	67.021	60.253	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	54.898	48.130	74.00	54.00	Pass

Figure Channel 01: (Vertical)

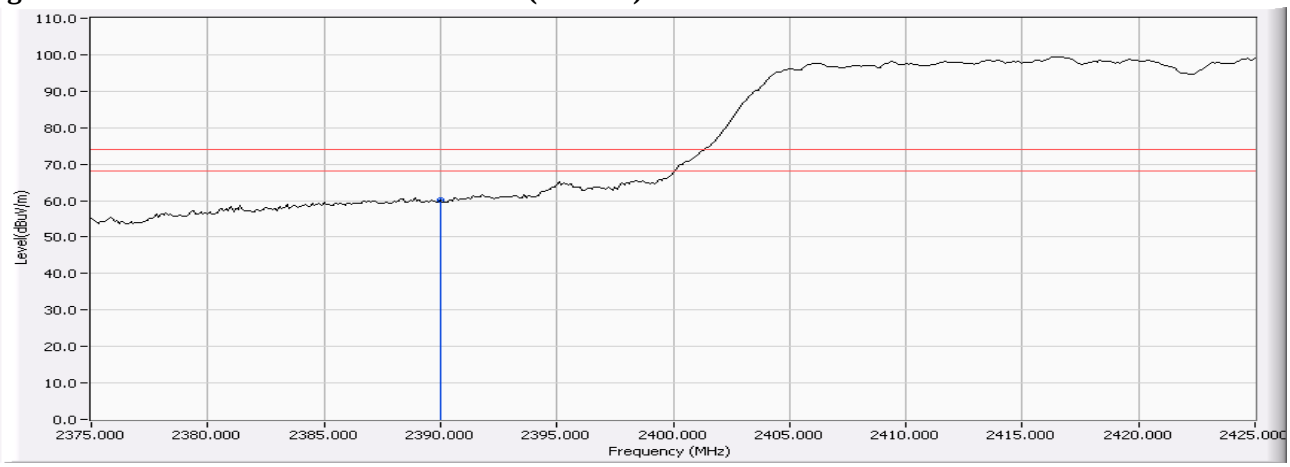
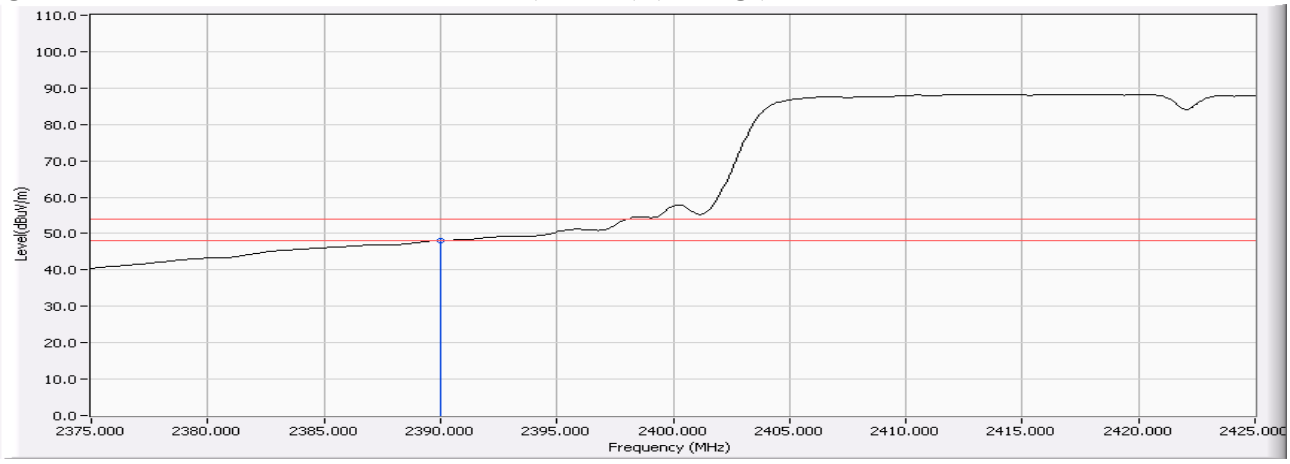


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
07 (Peak)	2483.500	-6.469	71.119	64.651	74.00	54.00	Pass
07 (Average)	2483.500	-6.469	57.470	51.002	74.00	54.00	Pass

Figure Channel 07: Horizontal (Peak)

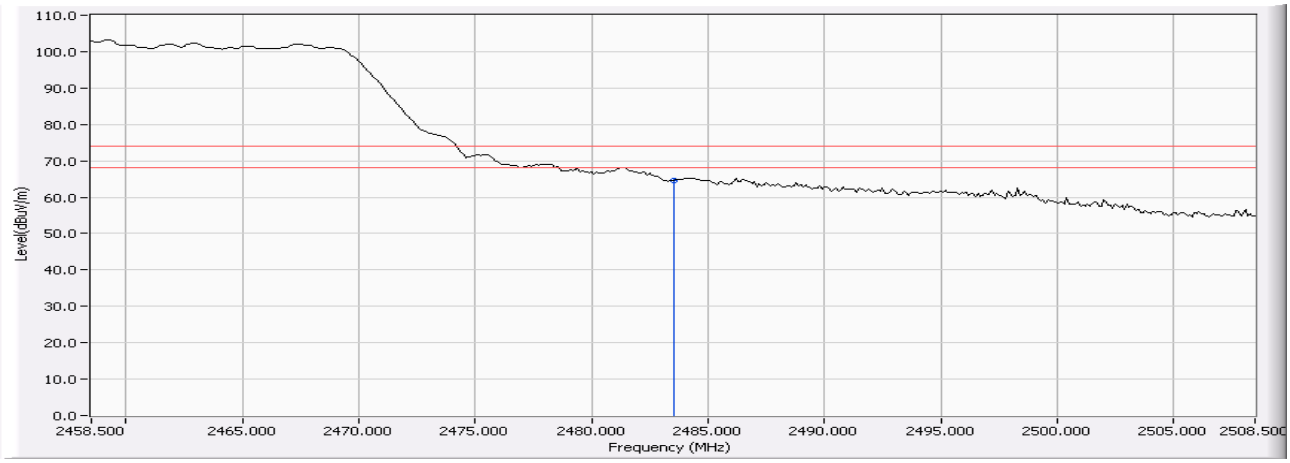
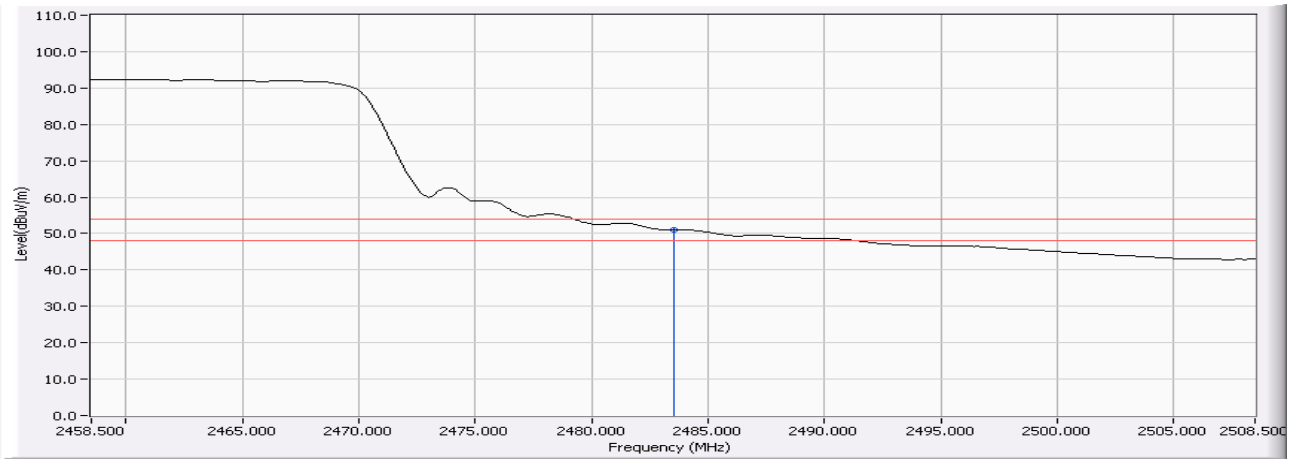


Figure Channel 07: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
07 (Peak)	2483.500	-6.469	62.848	56.380	74.00	54.00	Pass
07 (Average)	2483.500	-6.469	50.763	44.295	74.00	54.00	Pass

Figure Channel 07: Vertical (Peak)

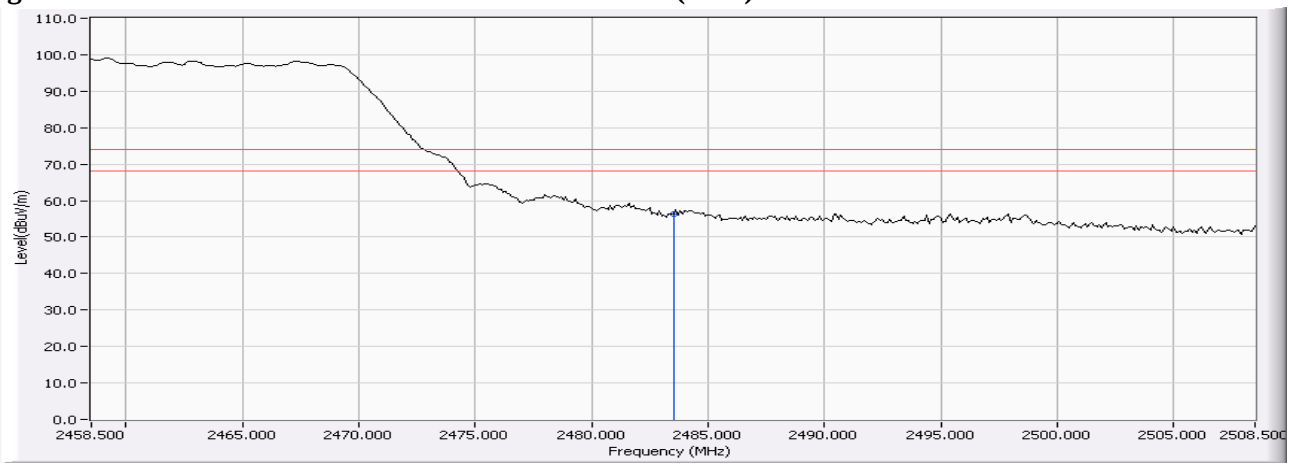
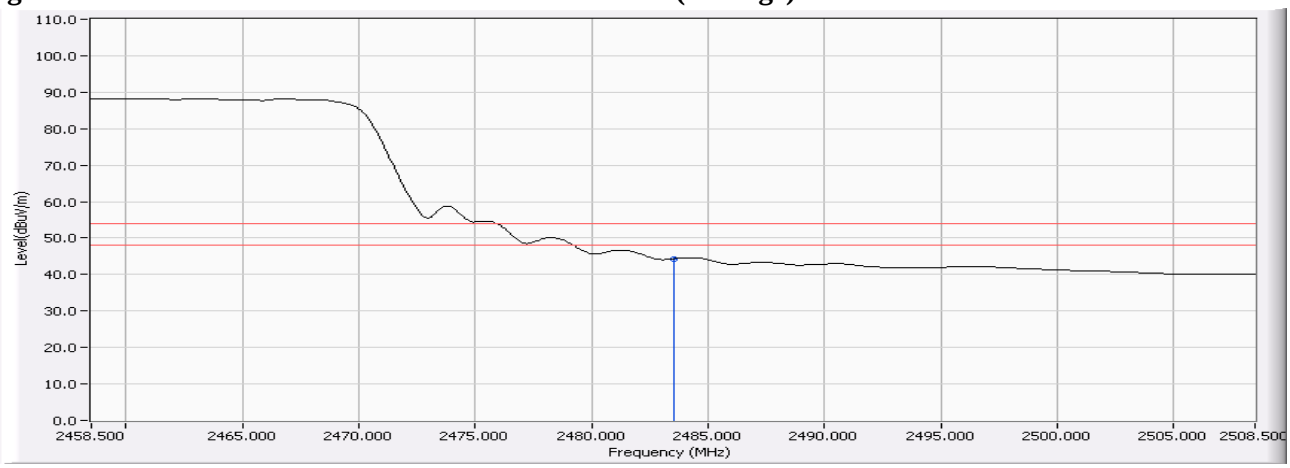


Figure Channel 07: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	59.895	53.127	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	48.049	41.281	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

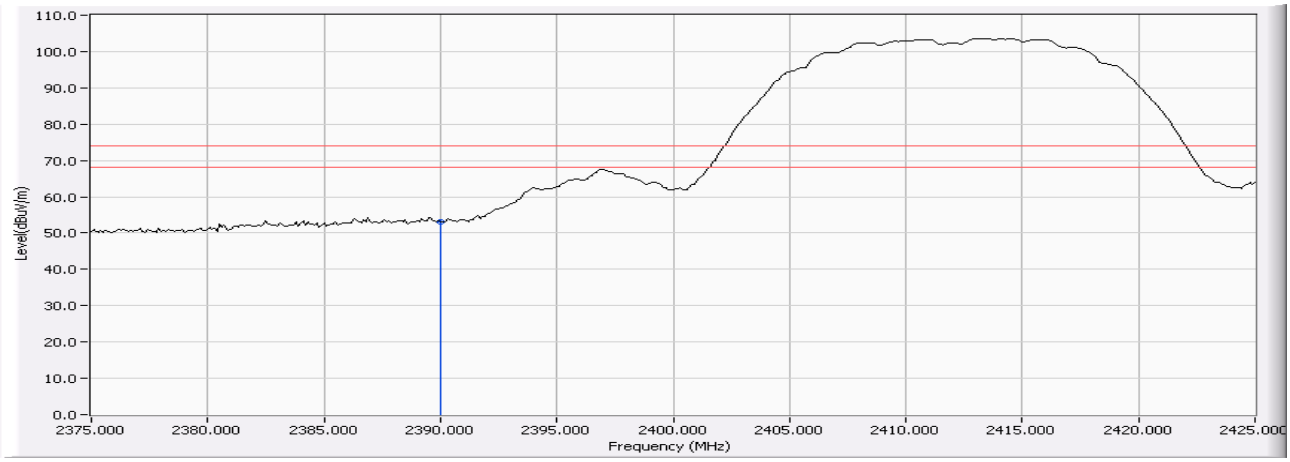
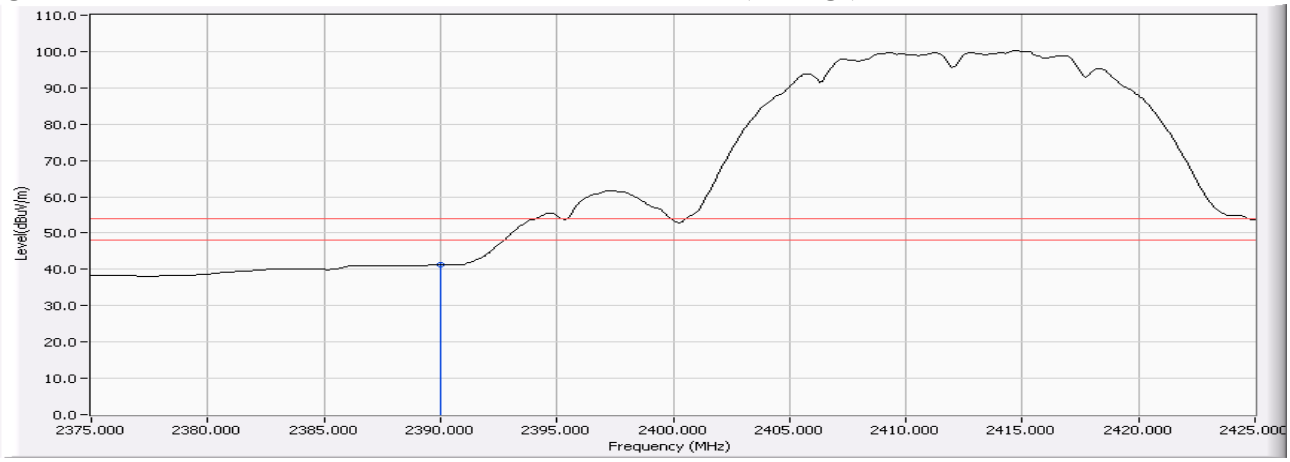


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	56.916	50.148	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	45.173	38.405	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

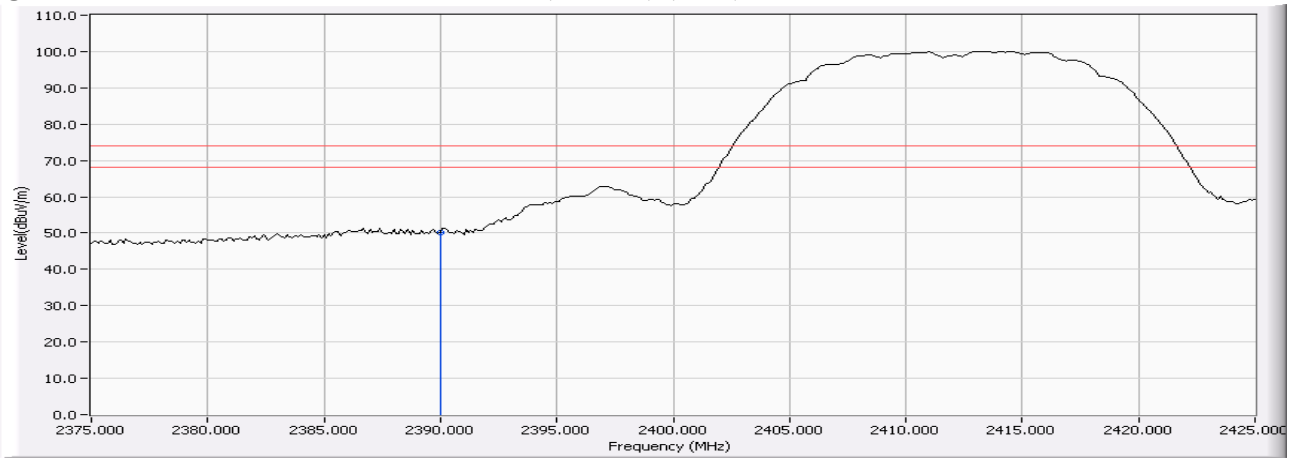
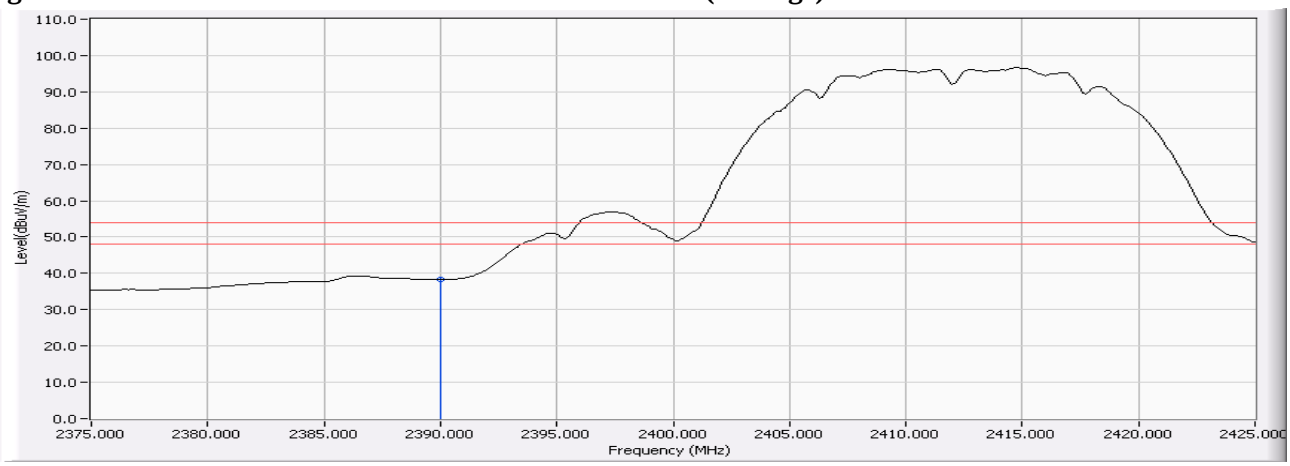


Figure Channel 01: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	69.668	63.200	74.00	54.00	Pass
11(Average)	2483.500	-6.469	53.620	47.152	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

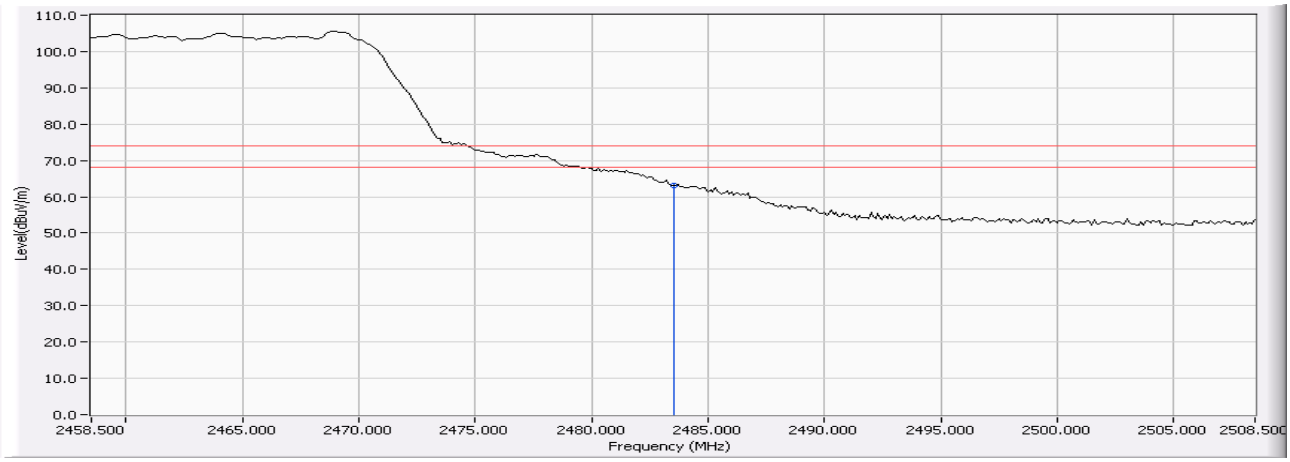
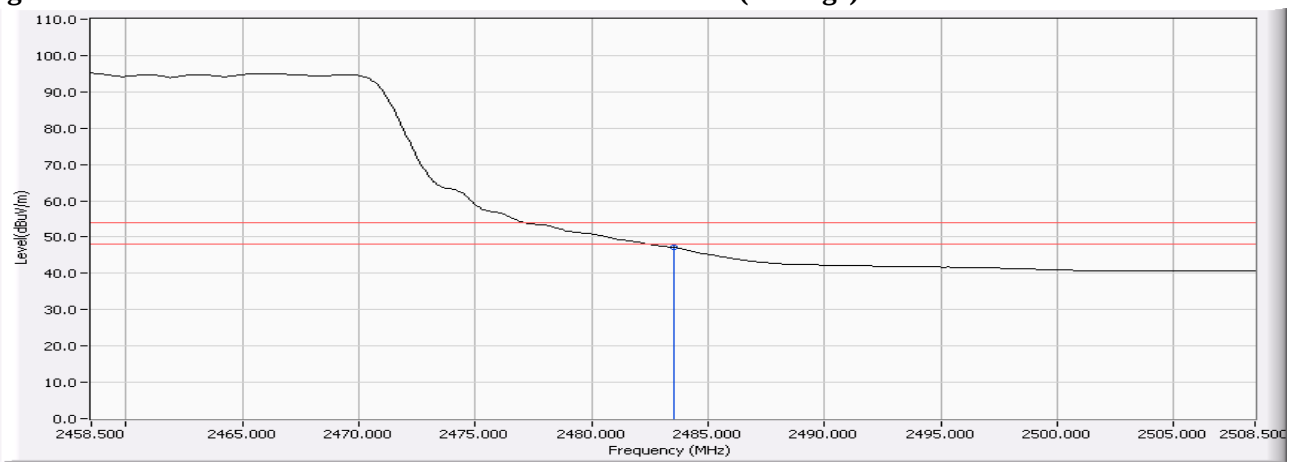


Figure Channel 11: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter (802.11b 1Mbps) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	60.486	54.018	74.00	54.00	Pass
11(Average)	2483.500	-6.469	47.233	40.765	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

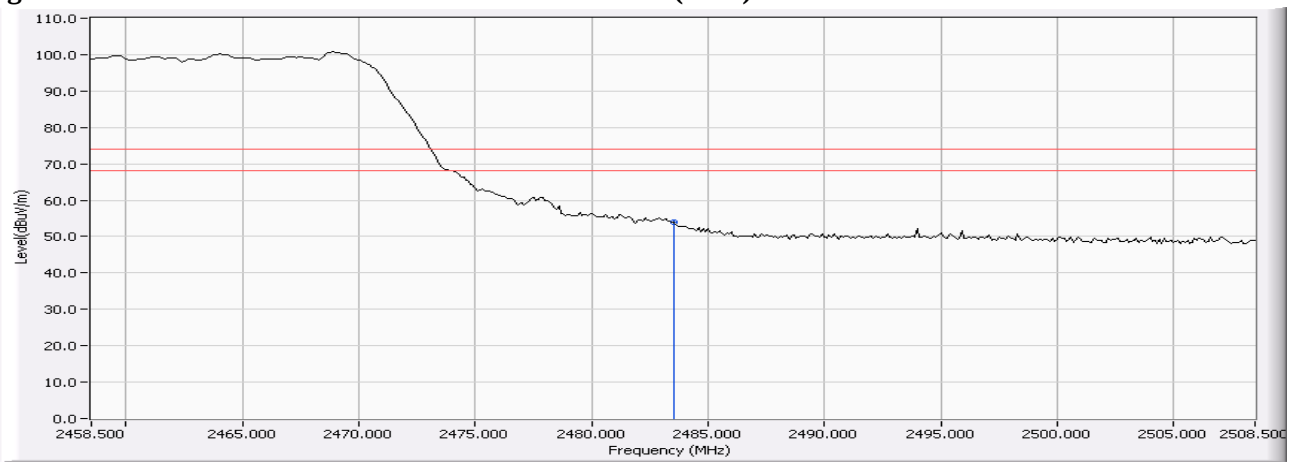
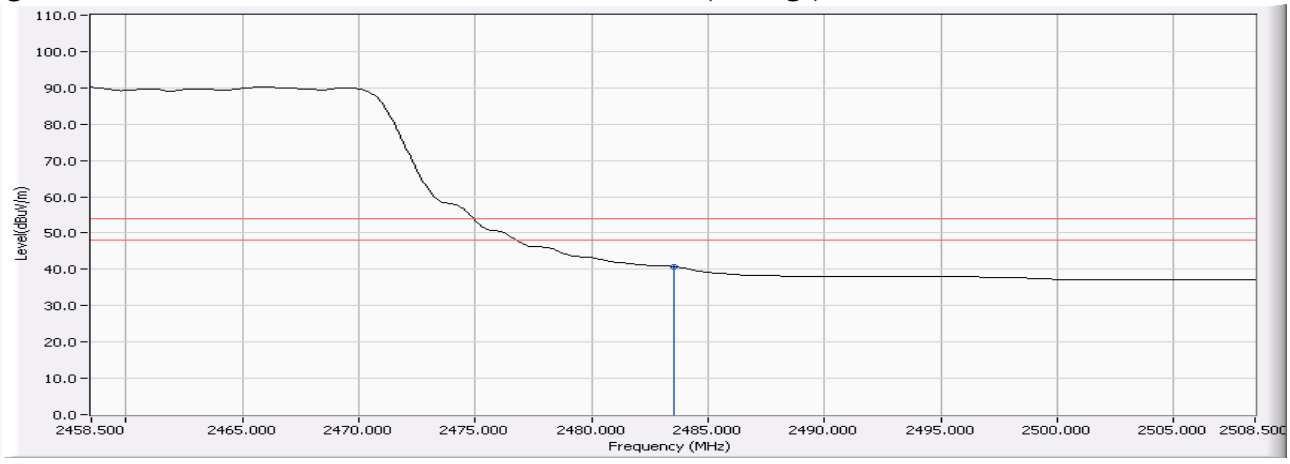


Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	66.748	59.980	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	49.529	42.761	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

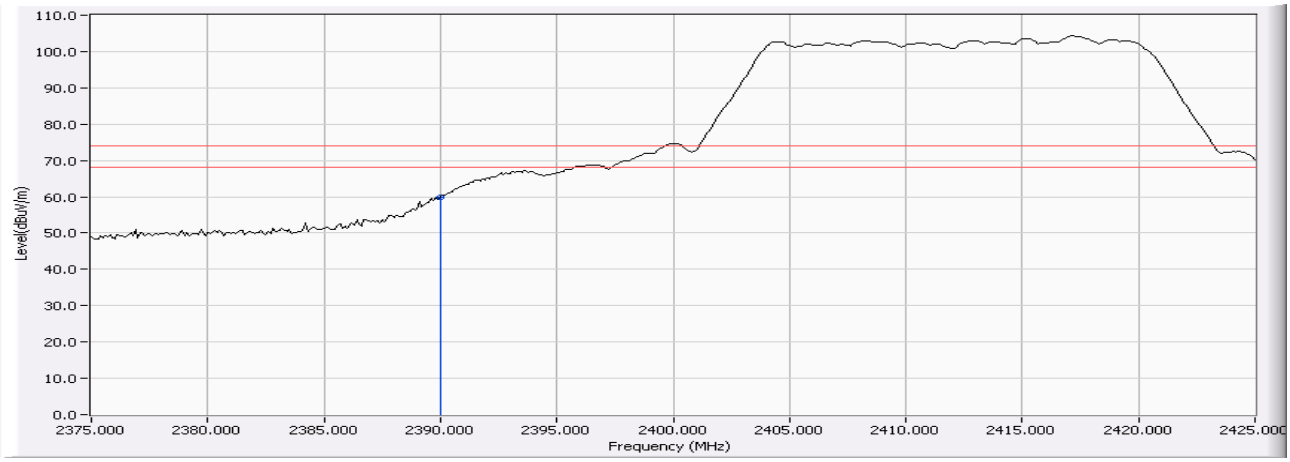
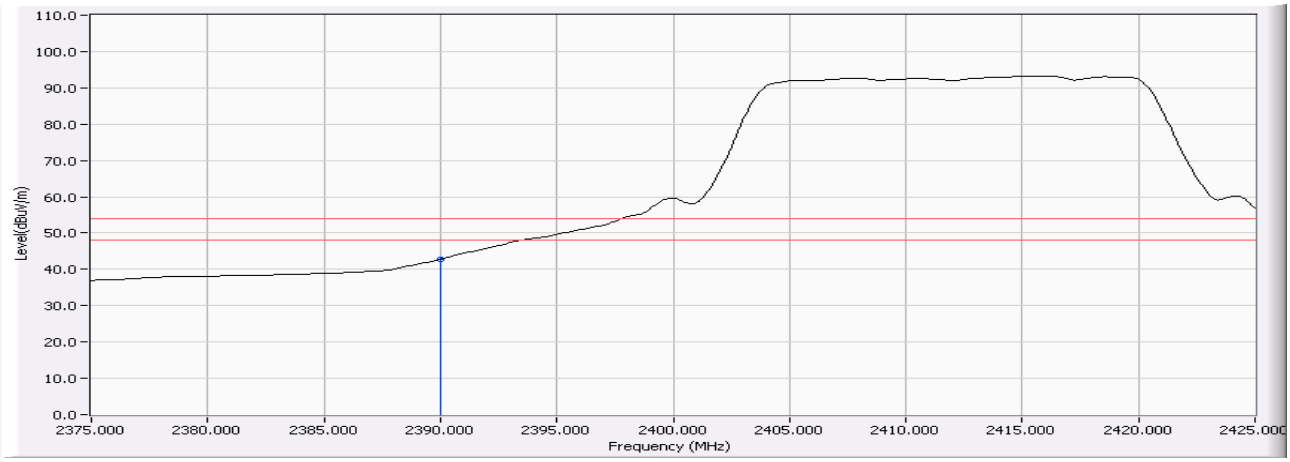


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	60.790	54.022	74.00	54.00	Pass
01(Average)	2390.000	-6.769	45.836	39.068	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

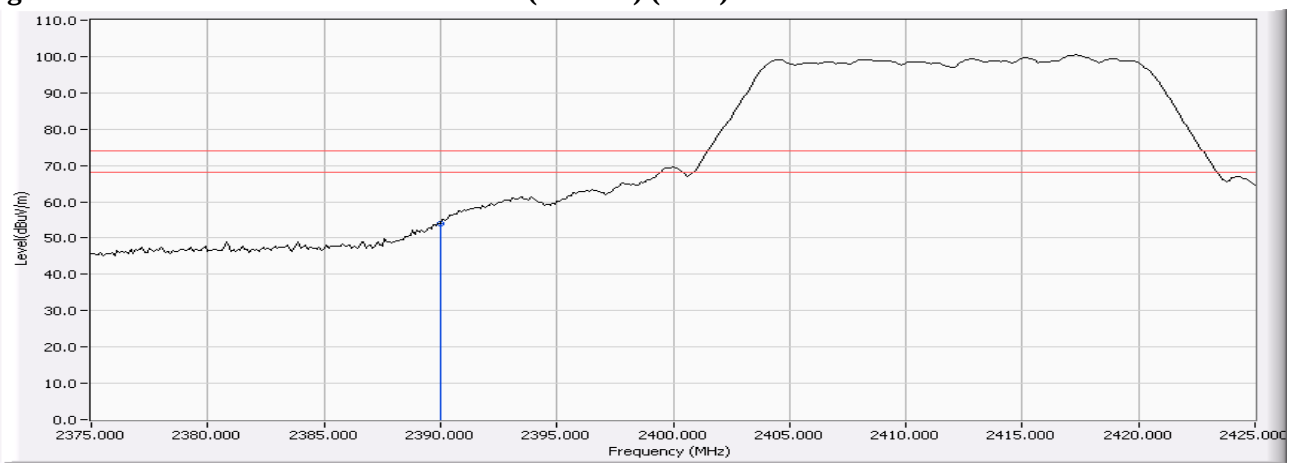
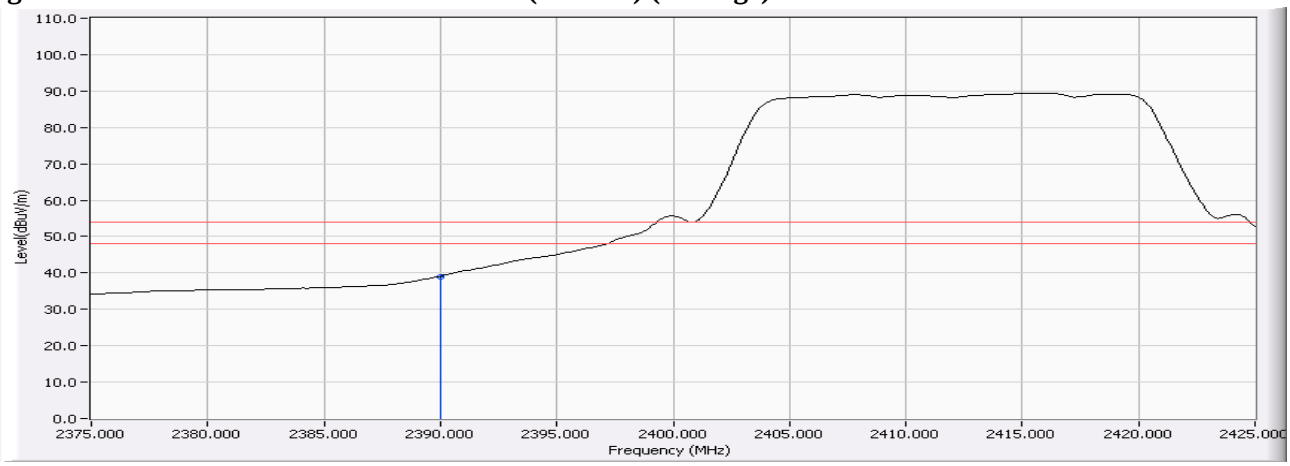


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	67.170	60.702	74.00	54.00	Pass
11 (Average)	2483.500	-6.469	49.759	43.291	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

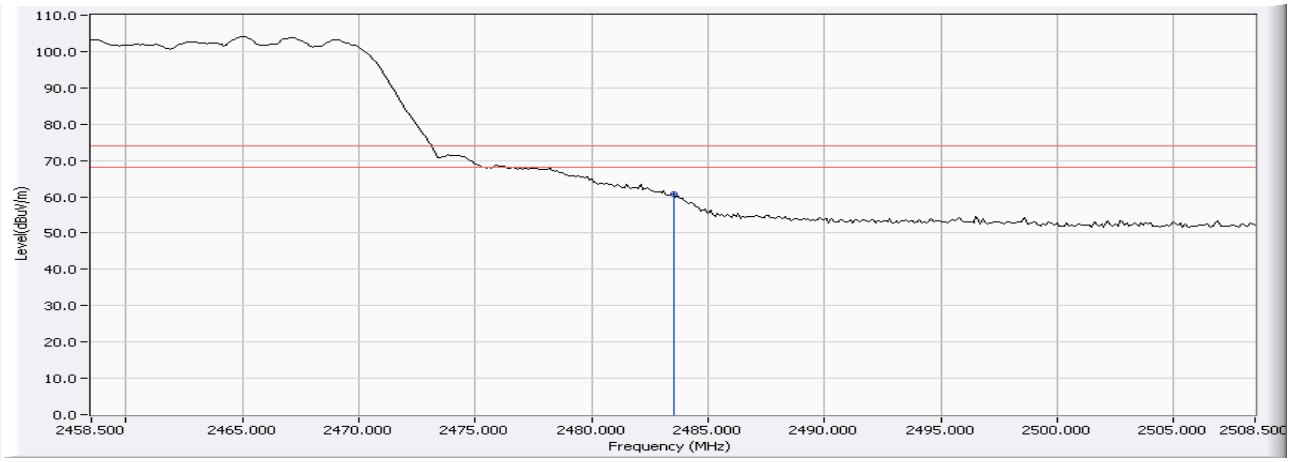
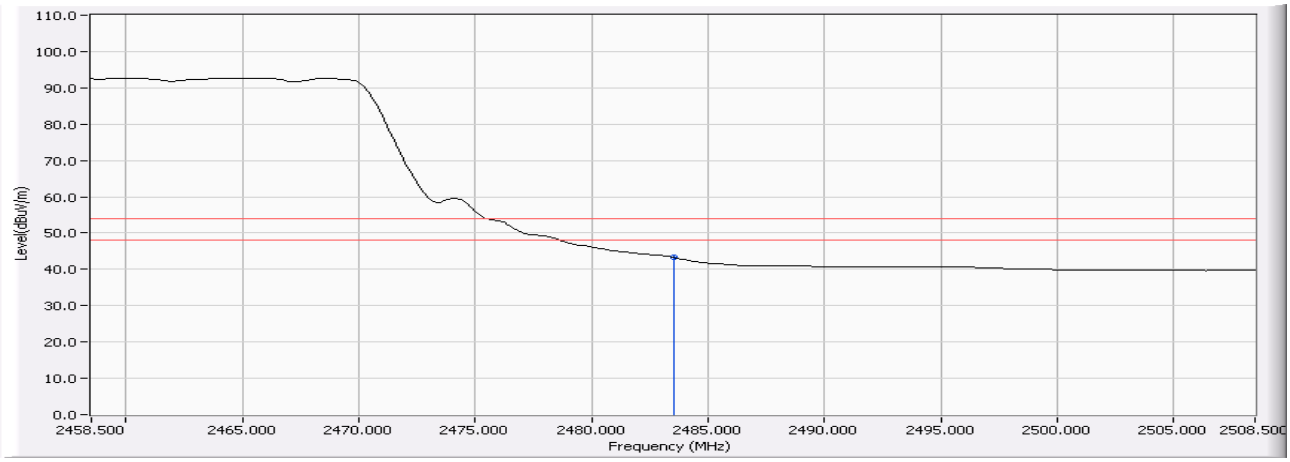


Figure Channel 11: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmitter (802.11g 54Mbps) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	58.335	51.867	74.00	54.00	Pass
11(Average)	2483.500	-6.469	45.256	38.788	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

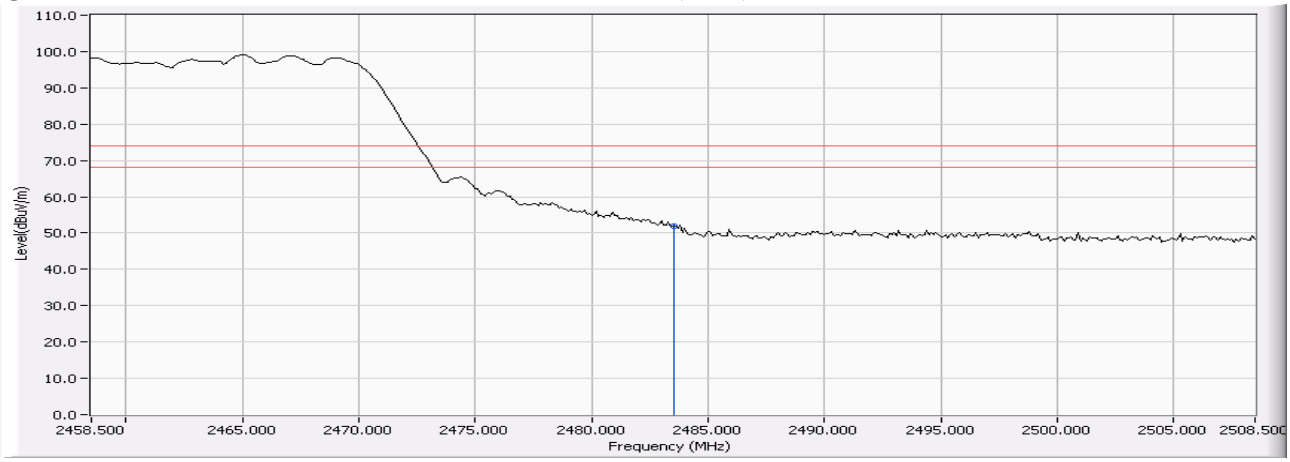
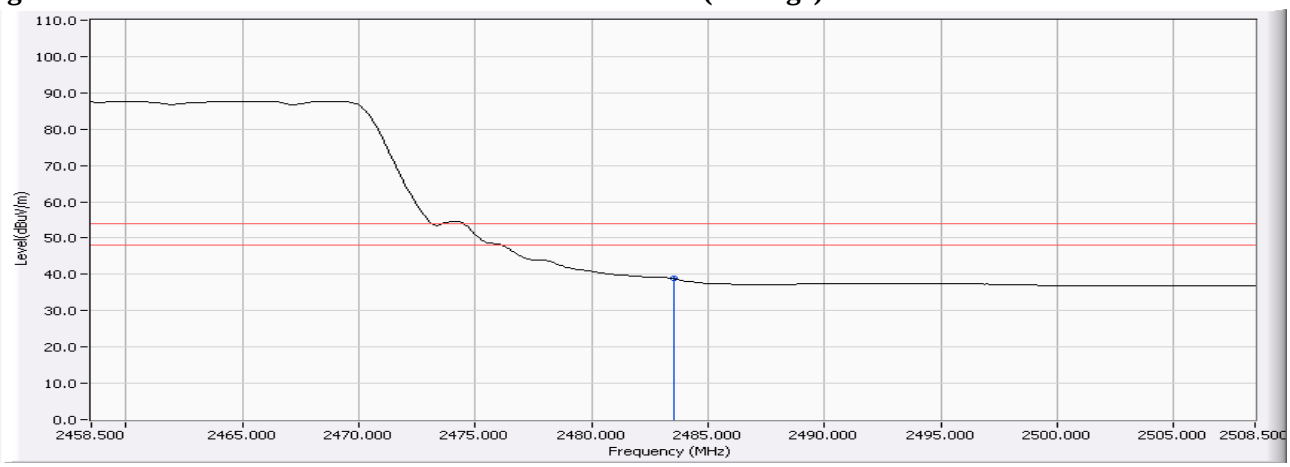


Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	69.890	63.122	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	50.507	43.739	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

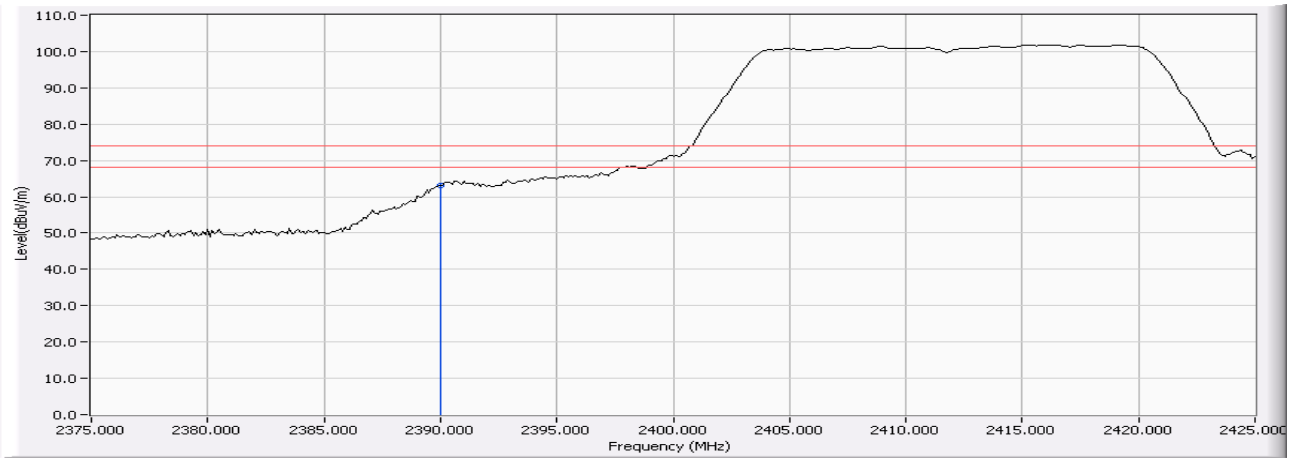
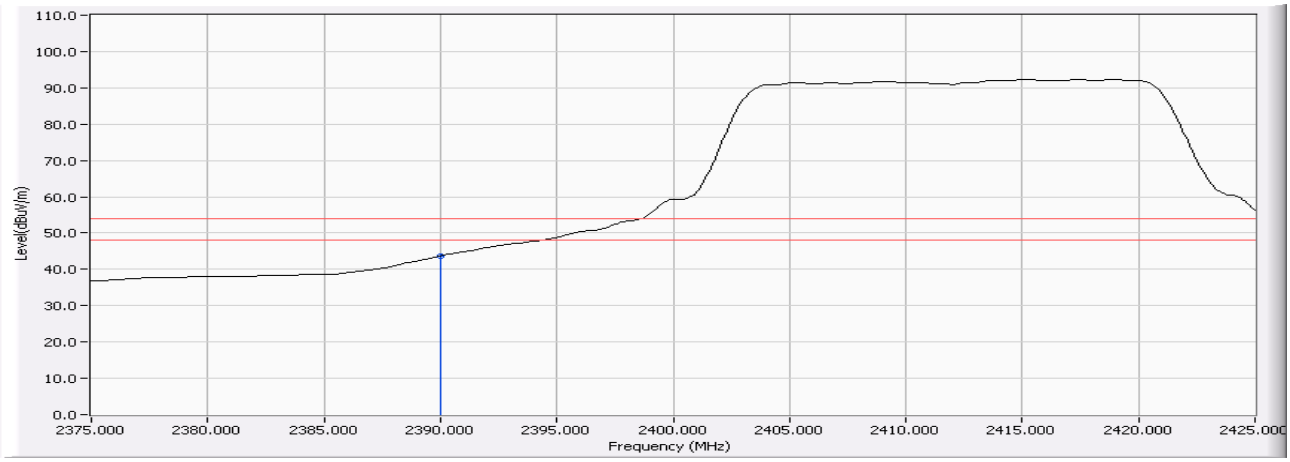


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	65.793	59.025	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	46.852	40.084	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

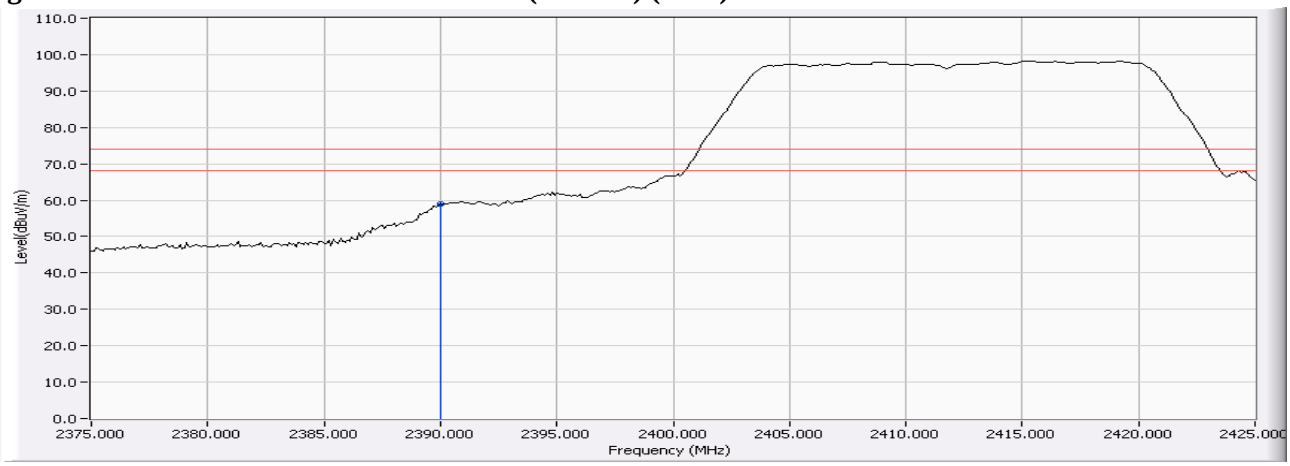
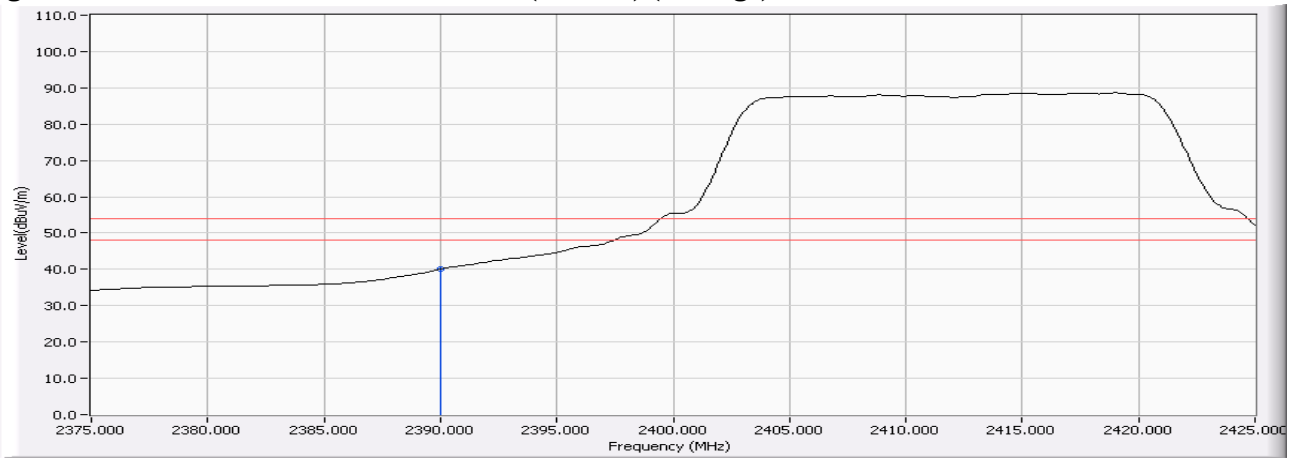


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	66.039	59.571	74.00	54.00	Pass
11 (Average)	2483.500	-6.469	49.748	43.280	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

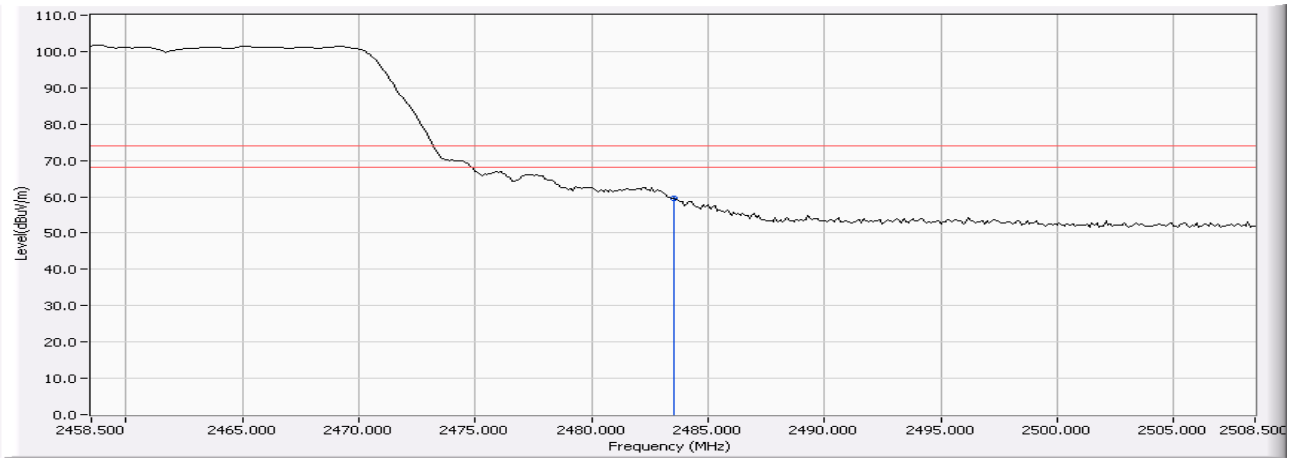
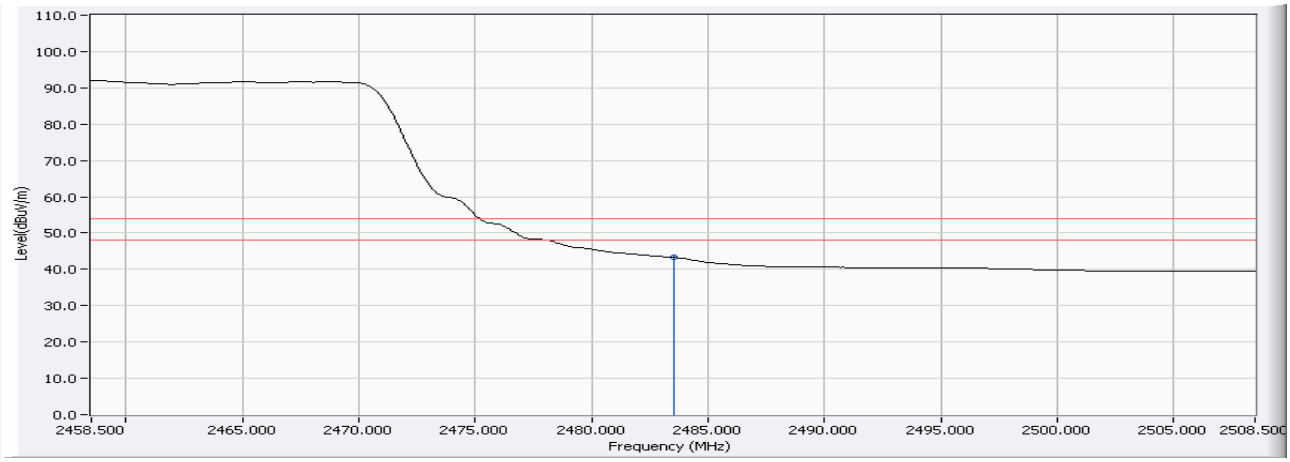


Figure Channel 11: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 7: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2483.500	-6.469	60.003	53.535	74.00	54.00	Pass
11**(Average)**	2483.500	-6.469	45.272	38.804	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

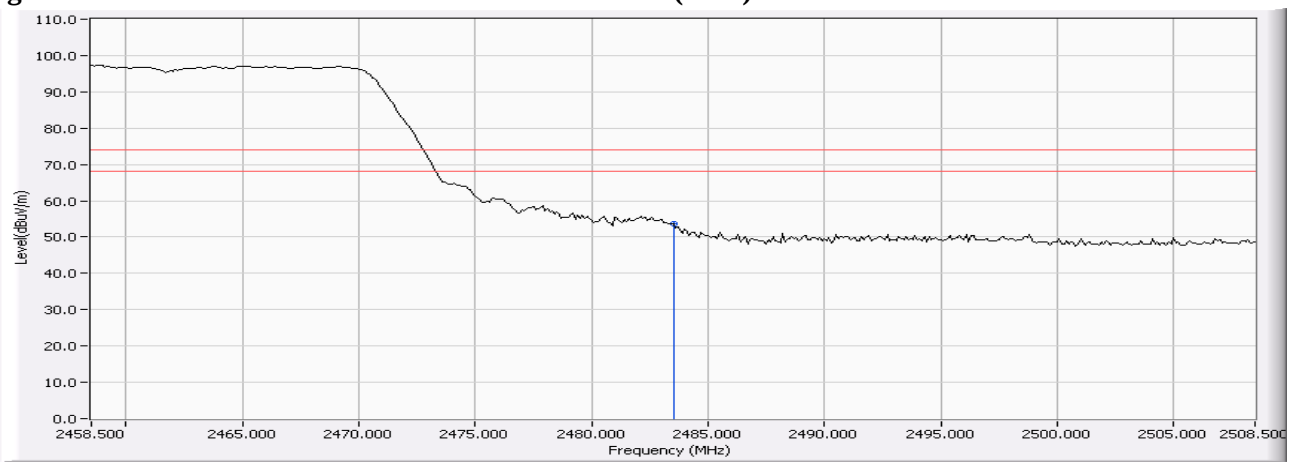
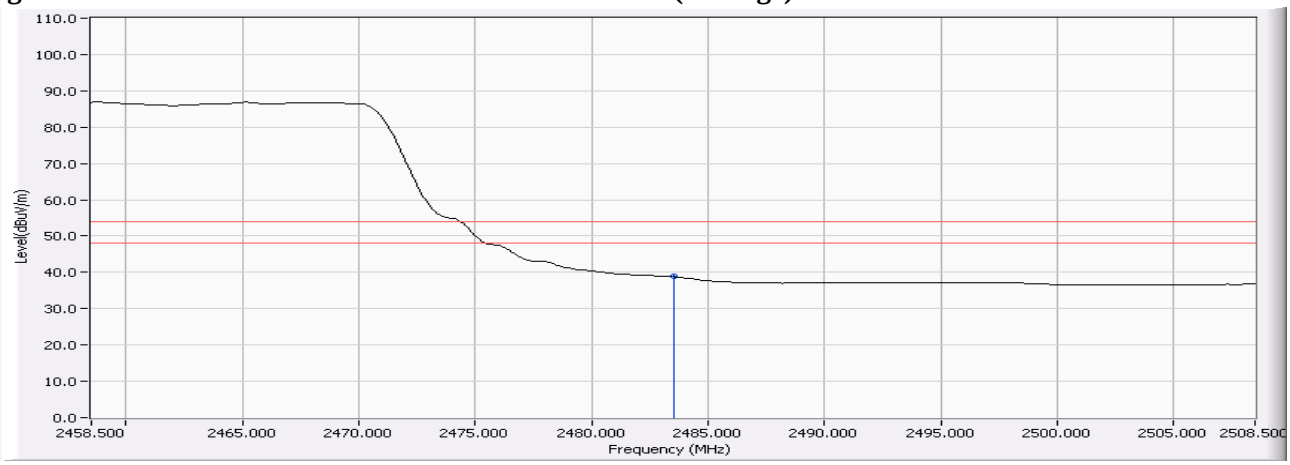


Figure Channel 11: Vertical (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	59.837	53.069	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	48.041	41.273	74.00	54.00	Pass

Figure Channel 01: Horizontal (Peak)

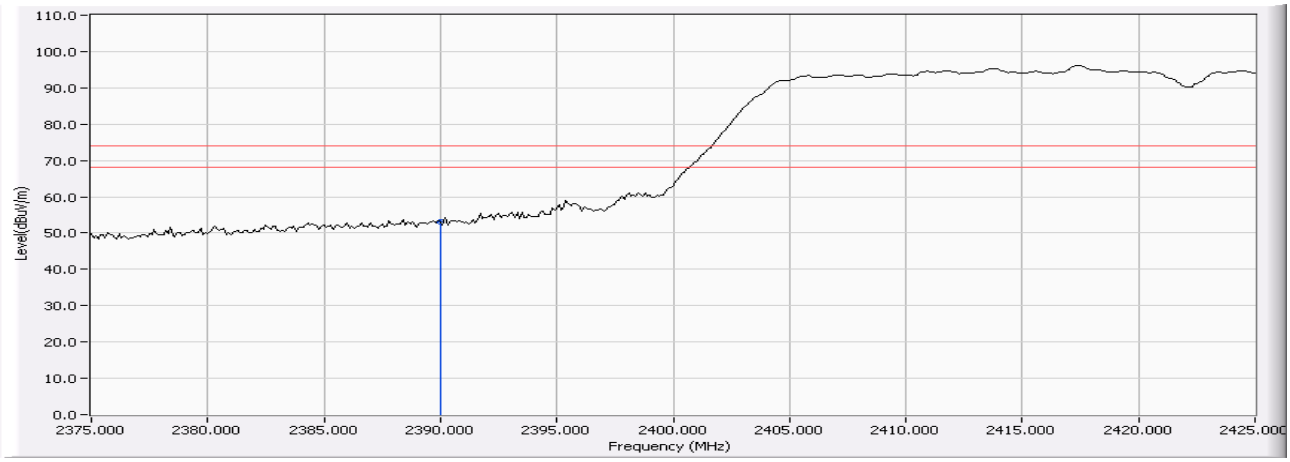
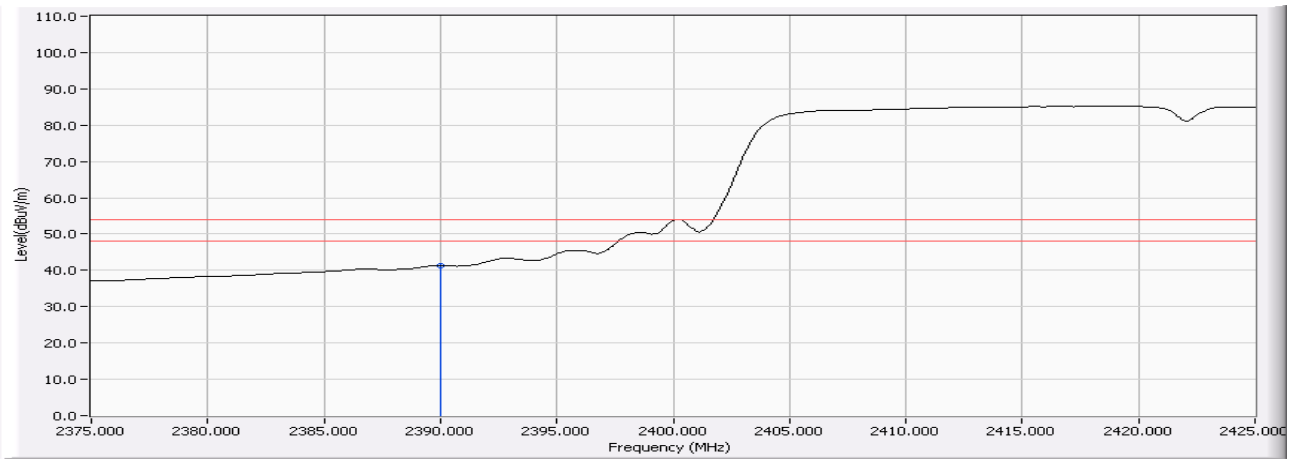


Figure Channel 01: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	-6.769	56.969	50.201	74.00	54.00	Pass
01 (Average)	2390.000	-6.769	44.705	37.937	74.00	54.00	Pass

Figure Channel 01: (Vertical) (Peak)

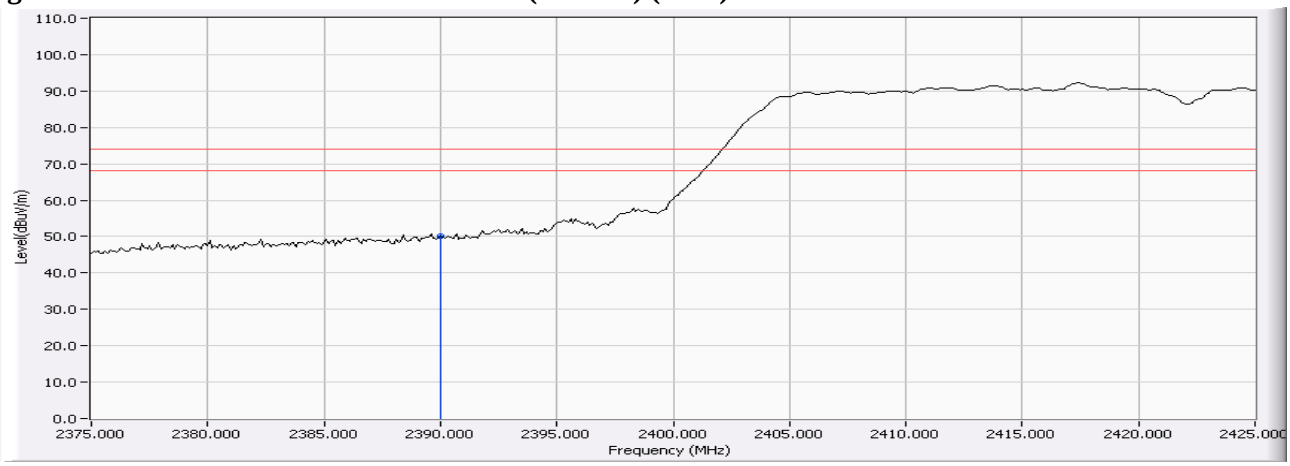
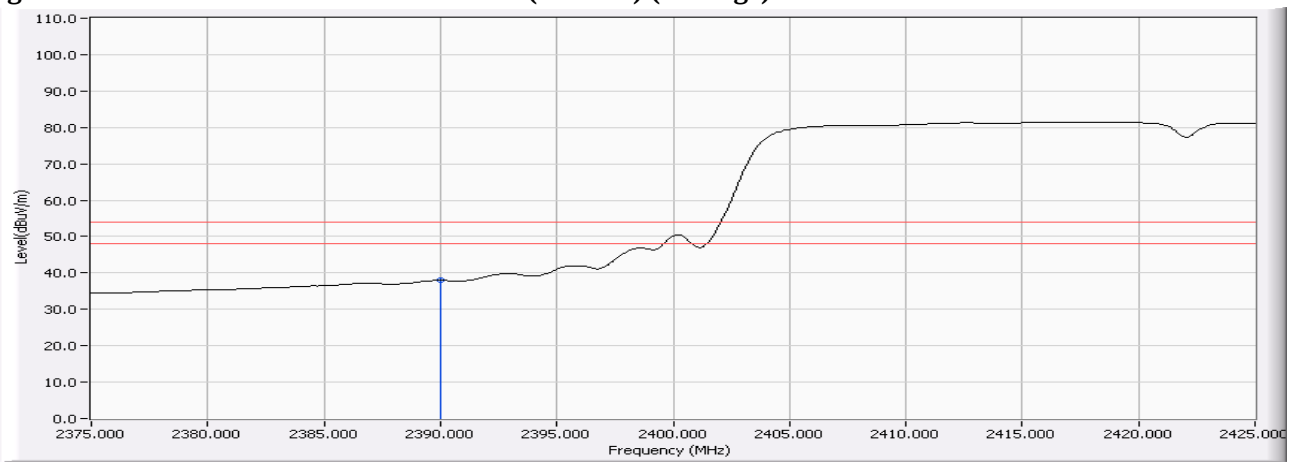


Figure Channel 01: (Vertical) (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
07 (Peak)	2483.500	-6.469	60.083	53.615	74.00	54.00	Pass
07 (Average)	2483.500	-6.469	48.097	41.629	74.00	54.00	Pass

Figure Channel 07: Horizontal (Peak)

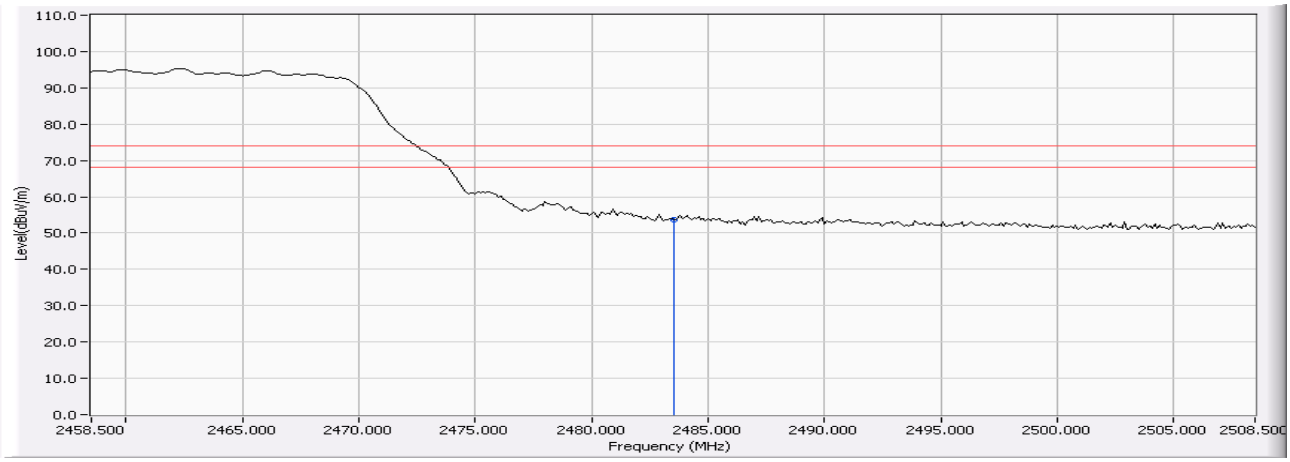
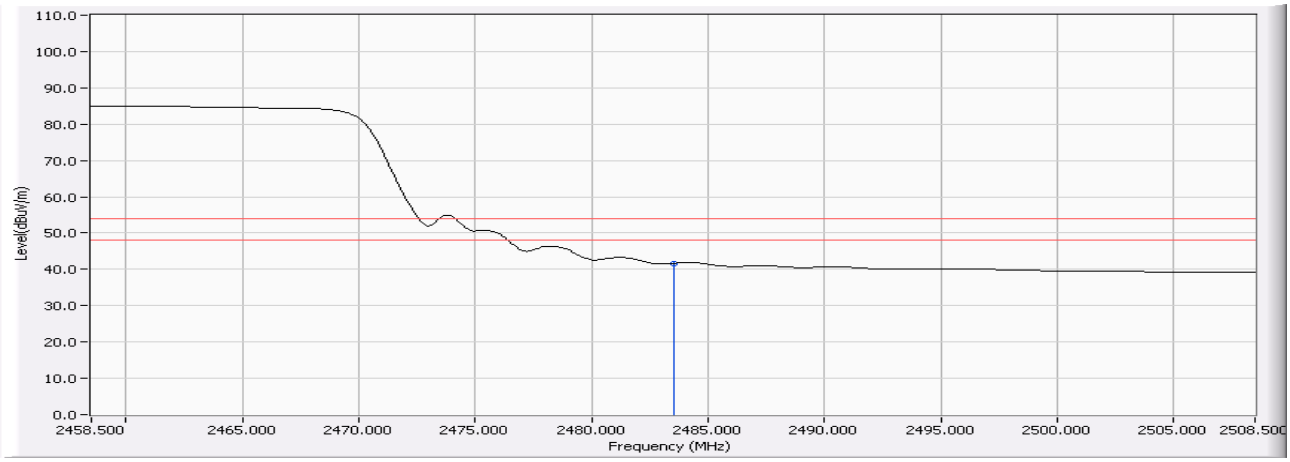


Figure Channel 07: Horizontal (Average)



Note:

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

Product : Eee PC
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 8: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 2

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
07 (Peak)	2483.500	-6.469	55.523	49.055	74.00	54.00	Pass
07 (Average)	2483.500	-6.469	44.162	37.694	74.00	54.00	Pass

Figure Channel 07: Vertical (Peak)

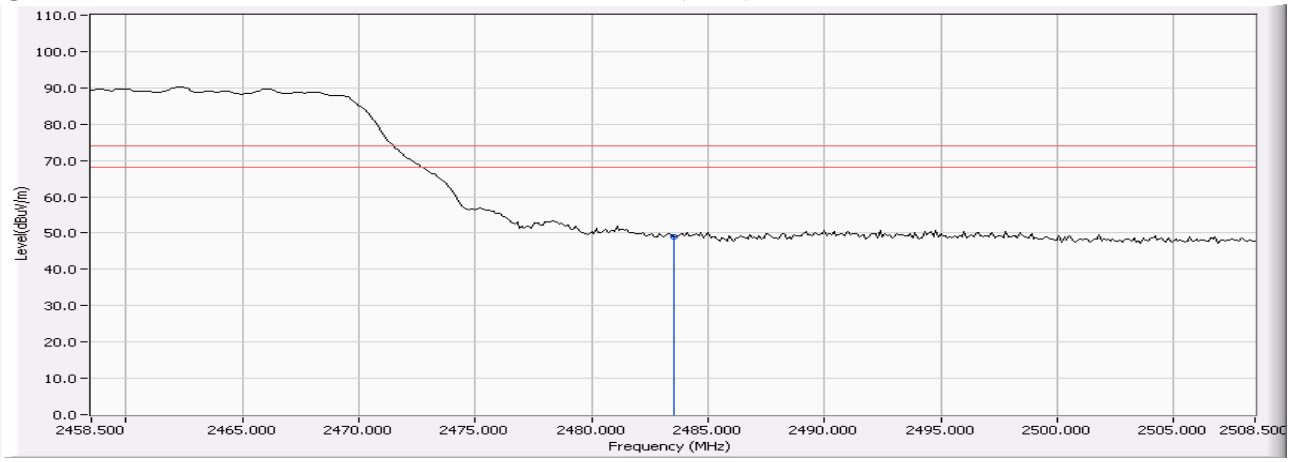
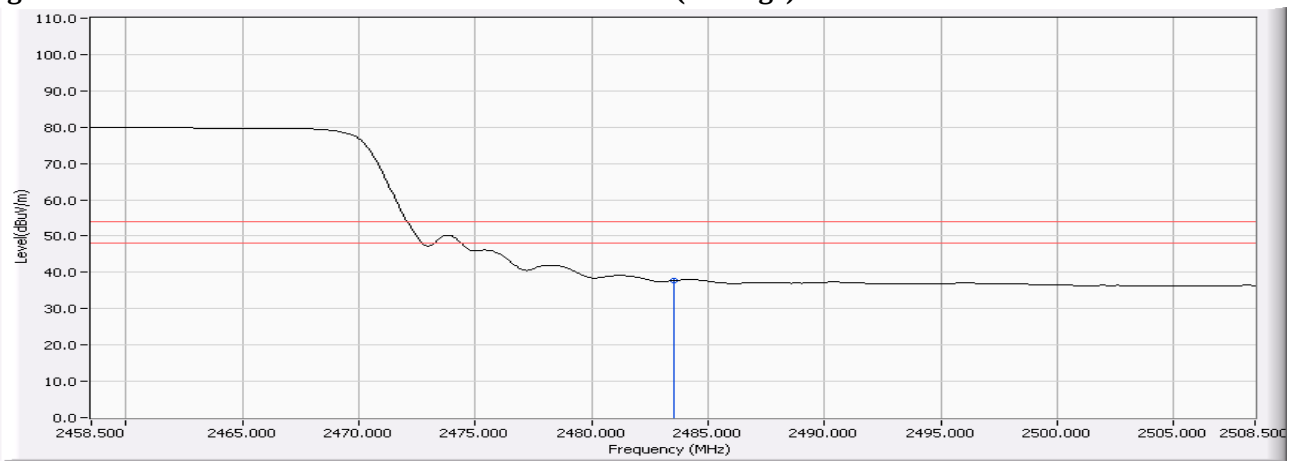


Figure Channel 07: Vertical (Average)



Note:

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

7. Occupied Bandwidth

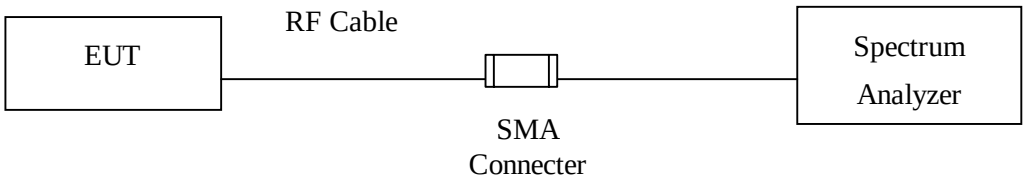
7.1. Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2008

Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

7.2. Test Setup



7.3. Limits

The minimum bandwidth shall be at least 500 kHz.

7.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

7.5. Uncertainty

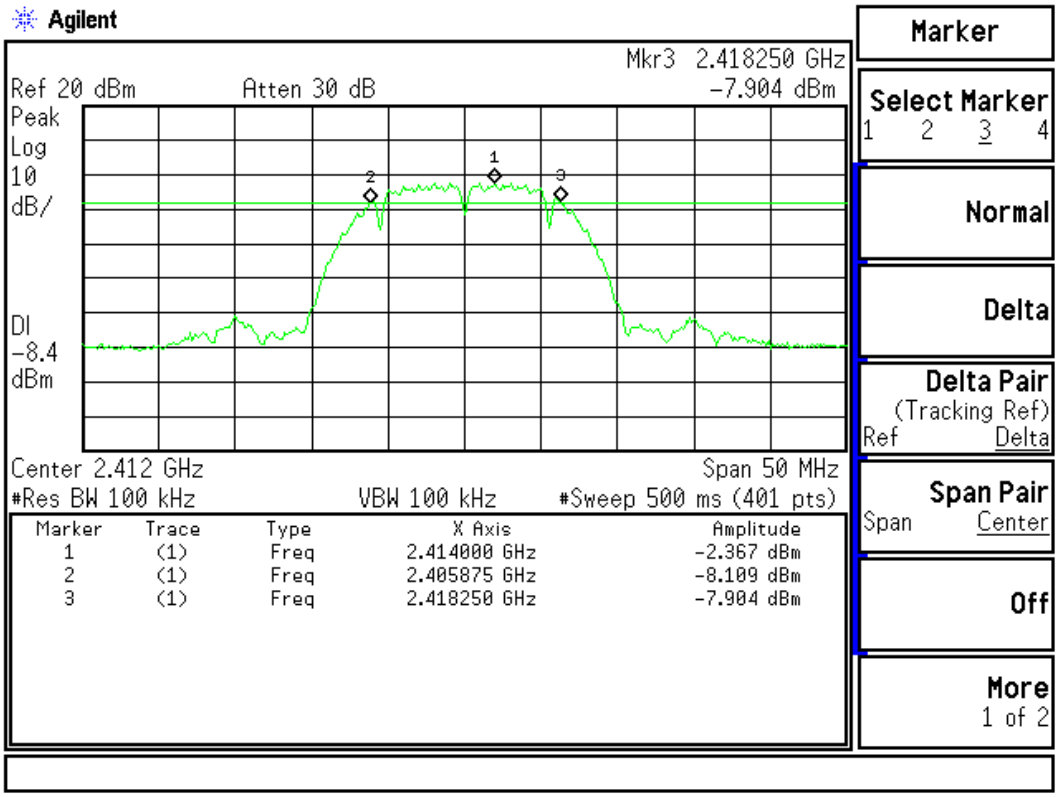
± 150Hz

7.6. Test Result of Occupied Bandwidth

Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (1Mbps)	2412.00	12375	>500	Pass

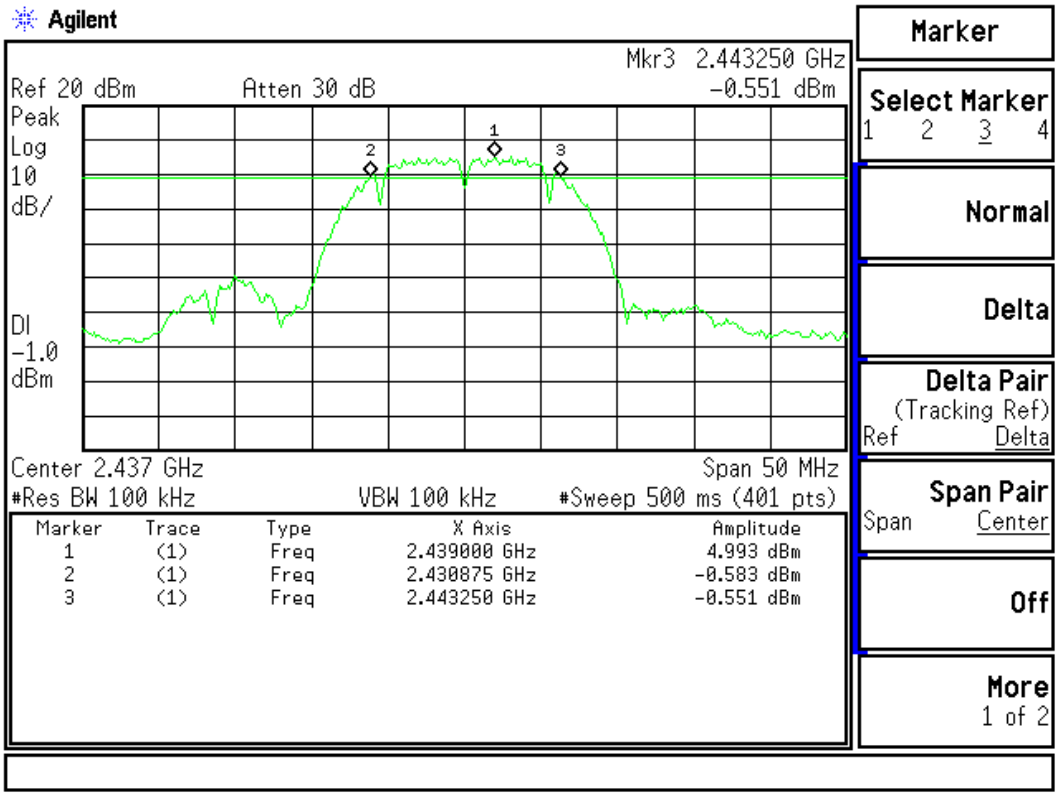
Figure Channel 1:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (1Mbps)	2437.00	12375	>500	Pass

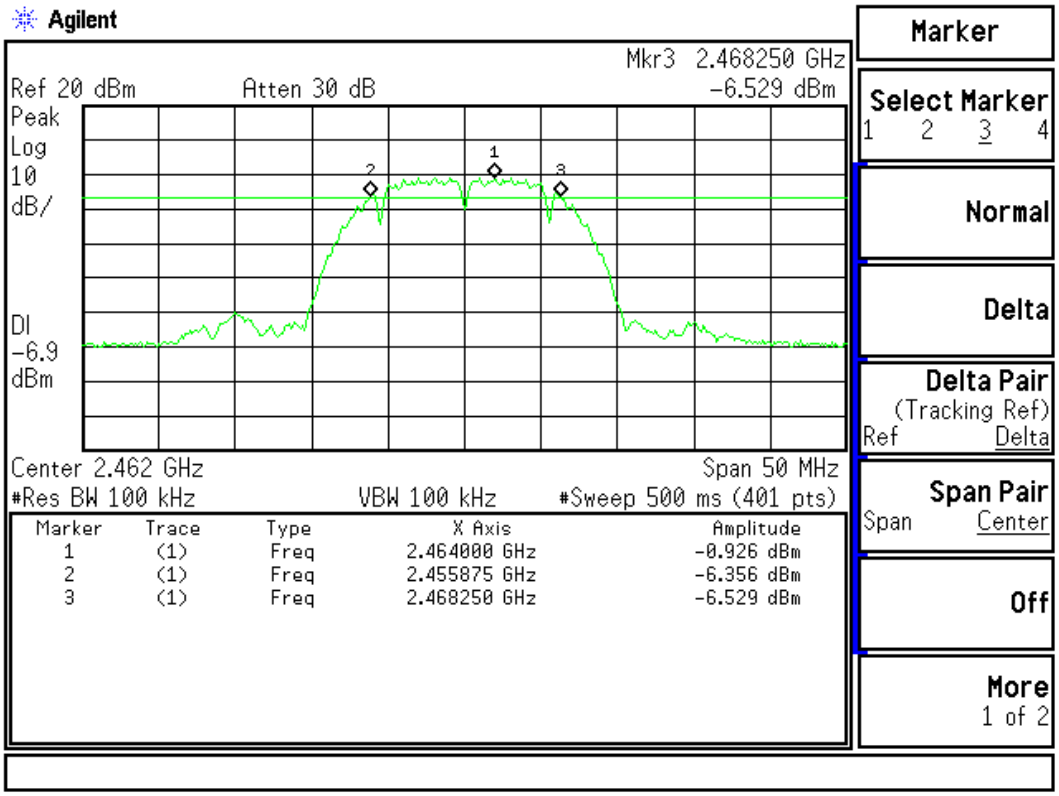
Figure Channel 6:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (1Mbps)	2462.00	12375	>500	Pass

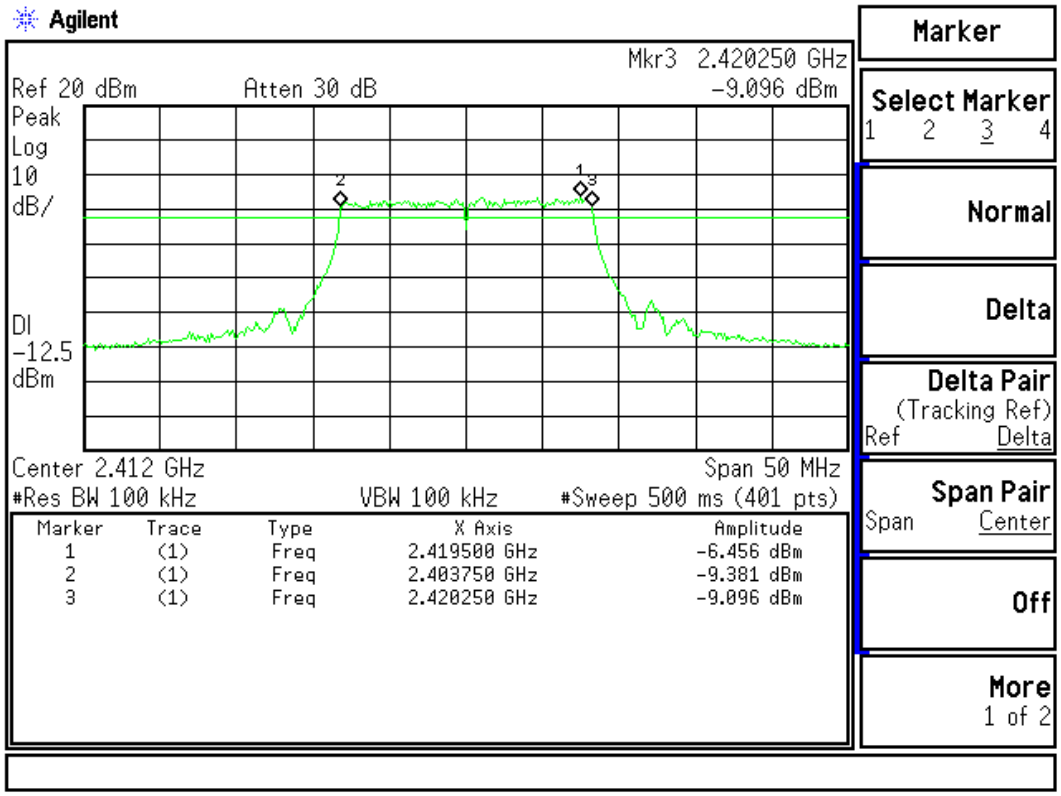
Figure Channel 11:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (54Mbps)	2412.00	16500	>500	Pass

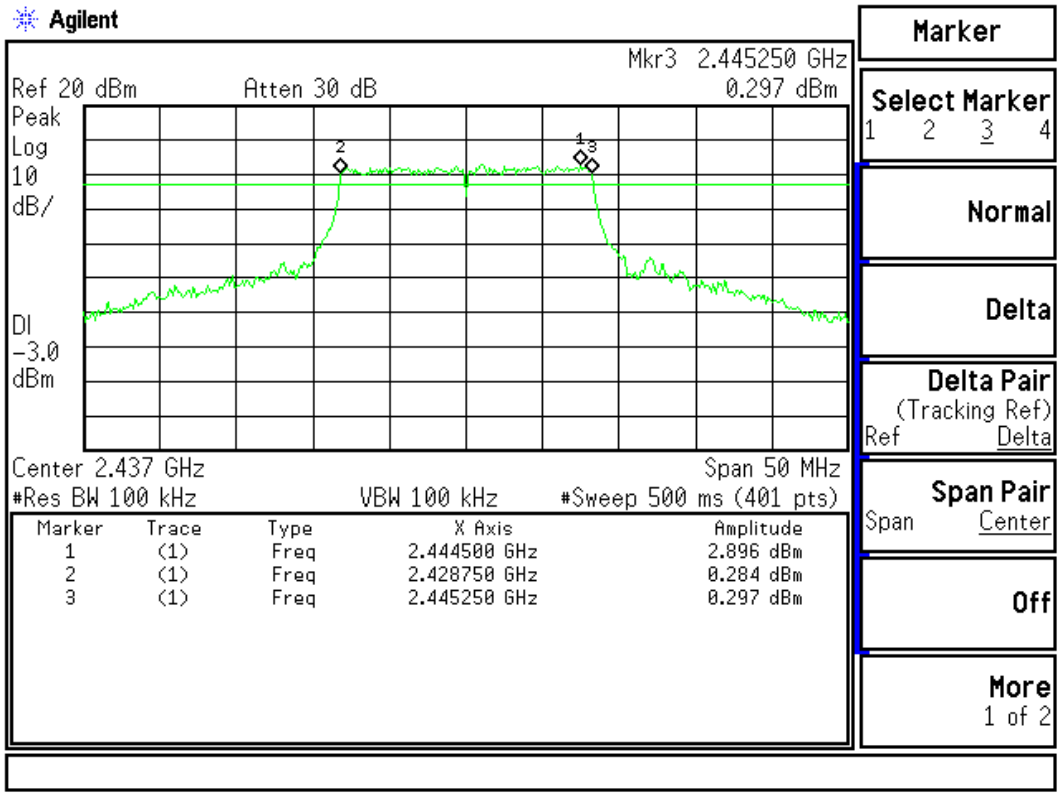
Figure Channel 1:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (54Mbps)	2437.00	16500	>500	Pass

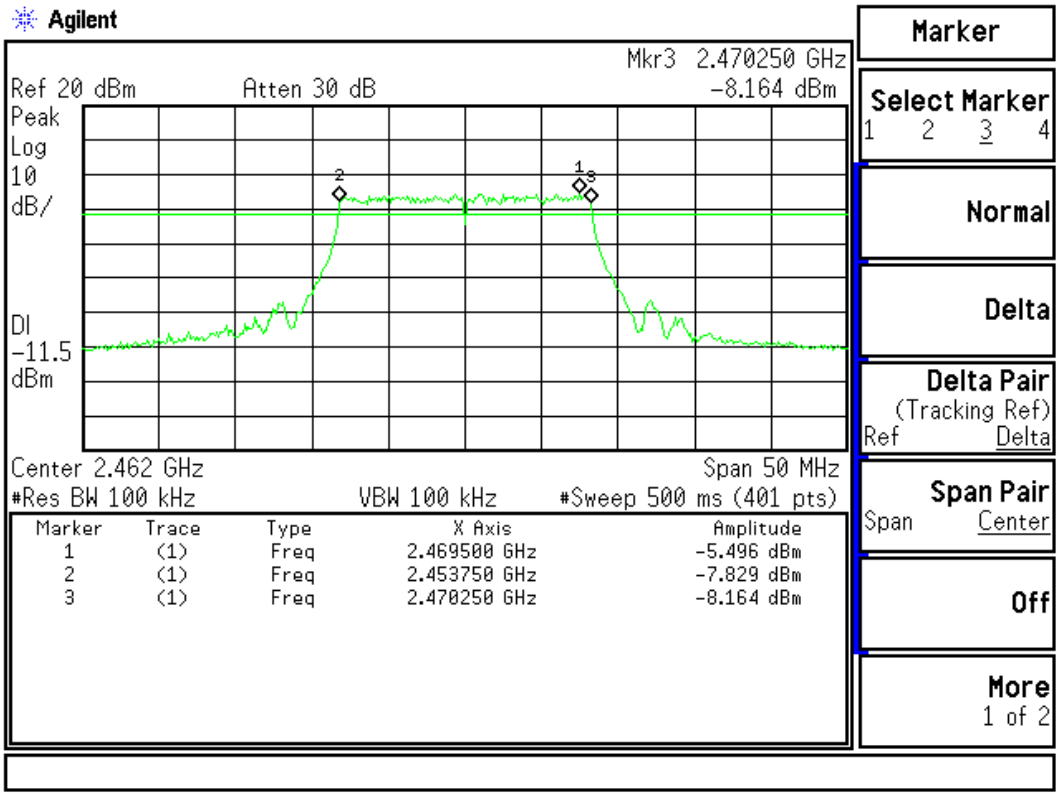
Figure Channel 6:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (54Mbps)	2462.00	16500	>500	Pass

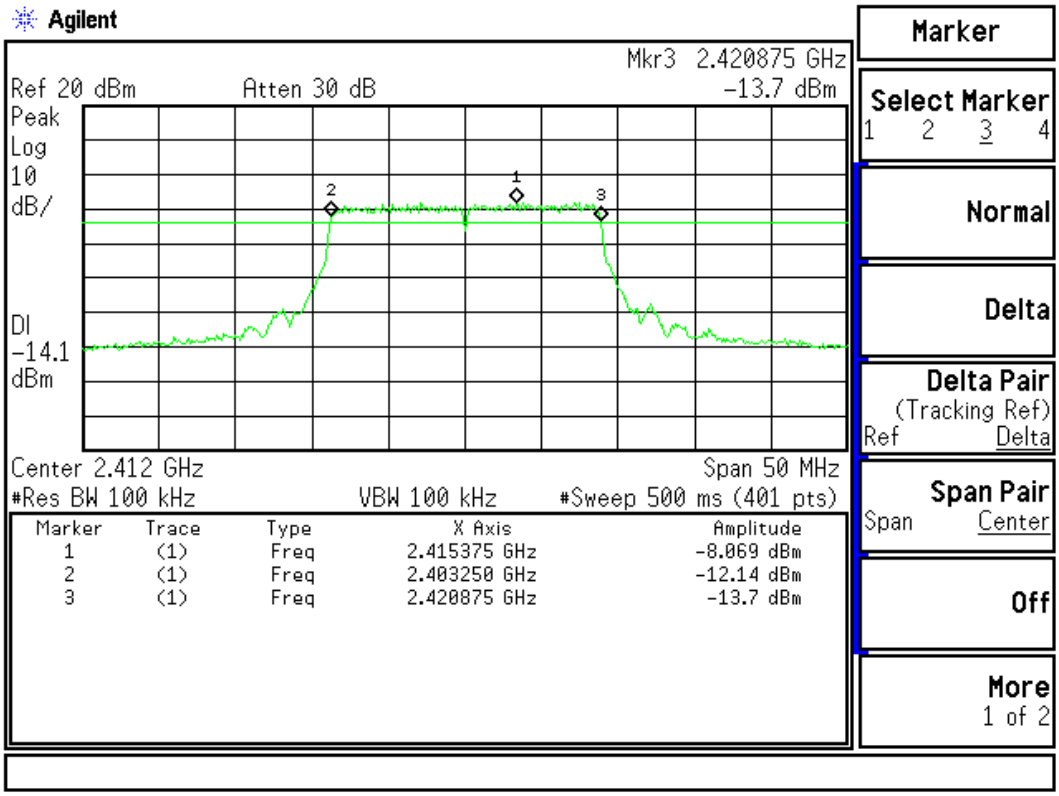
Figure Channel 11:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (6.5Mbps)	2412.00	17625	>500	Pass

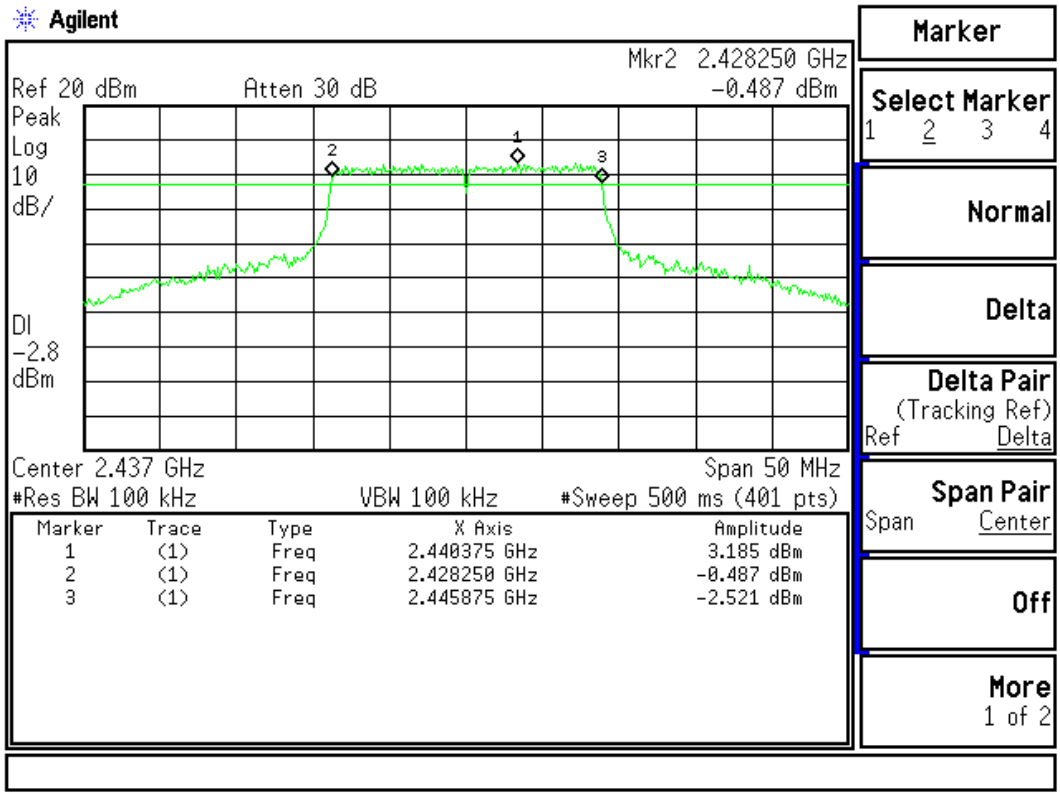
Figure Channel 1:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (6.5Mbps)	2437.00	17625	>500	Pass

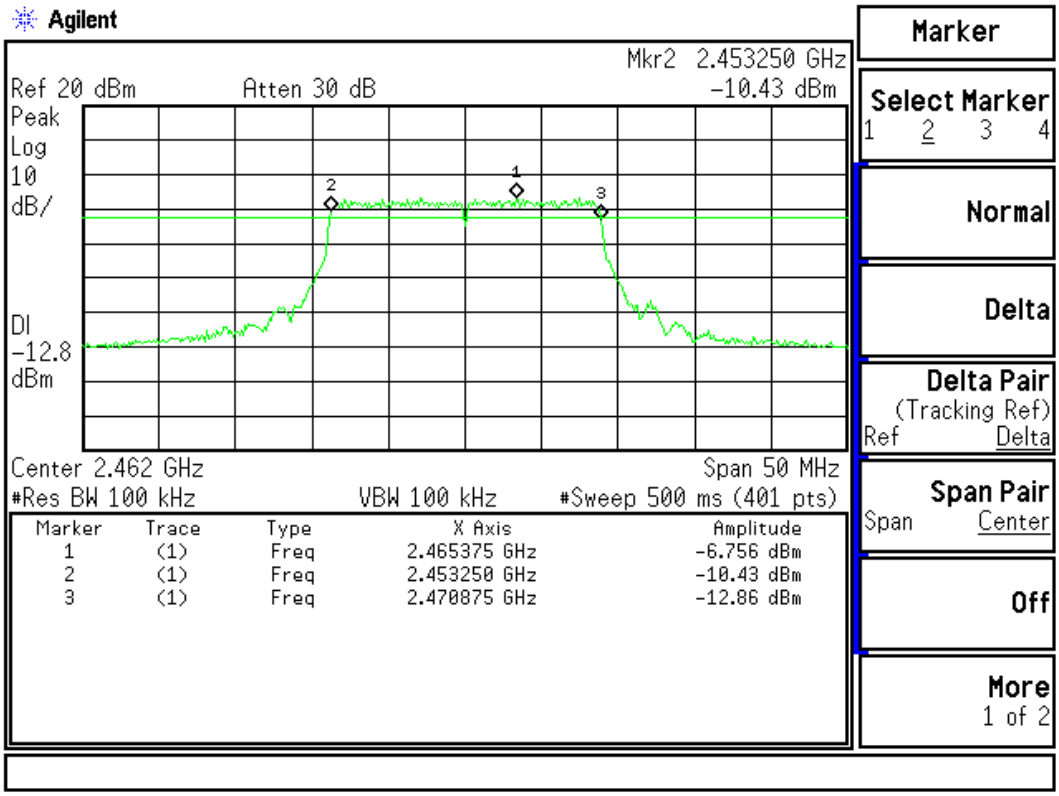
Figure Channel 6:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (6.5Mbps)	2462.00	17625	>500	Pass

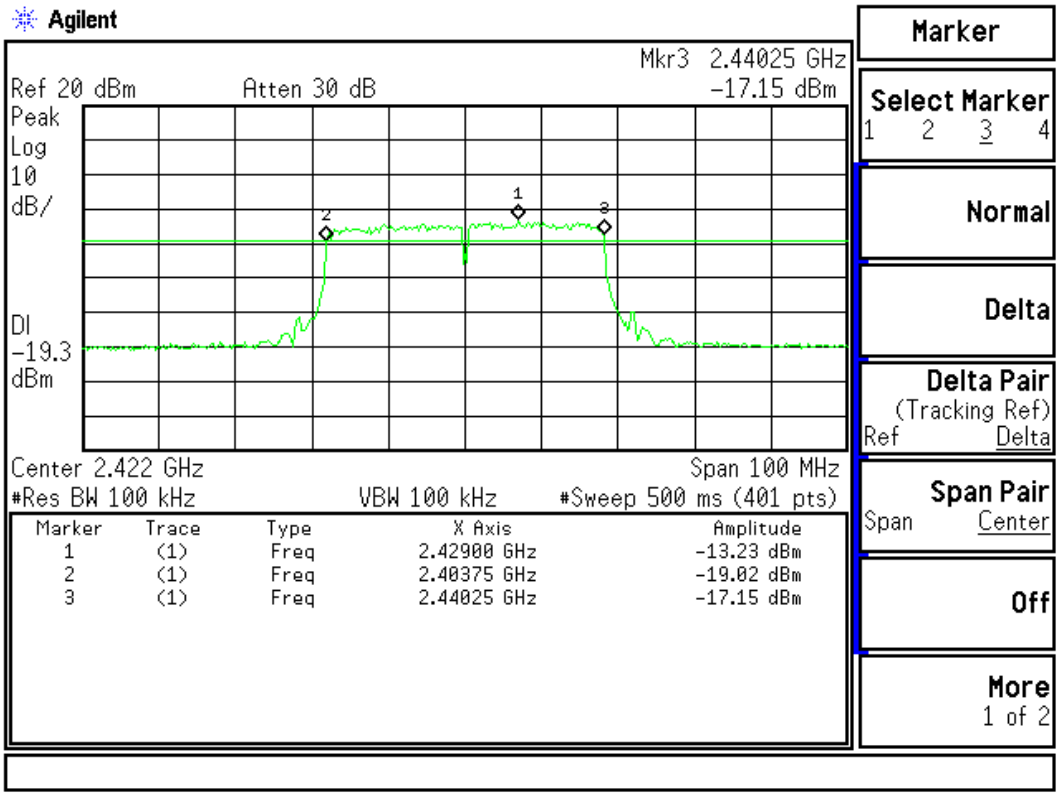
Figure Channel 11:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2422MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (13Mbps)	2422.00	36500	>500	Pass

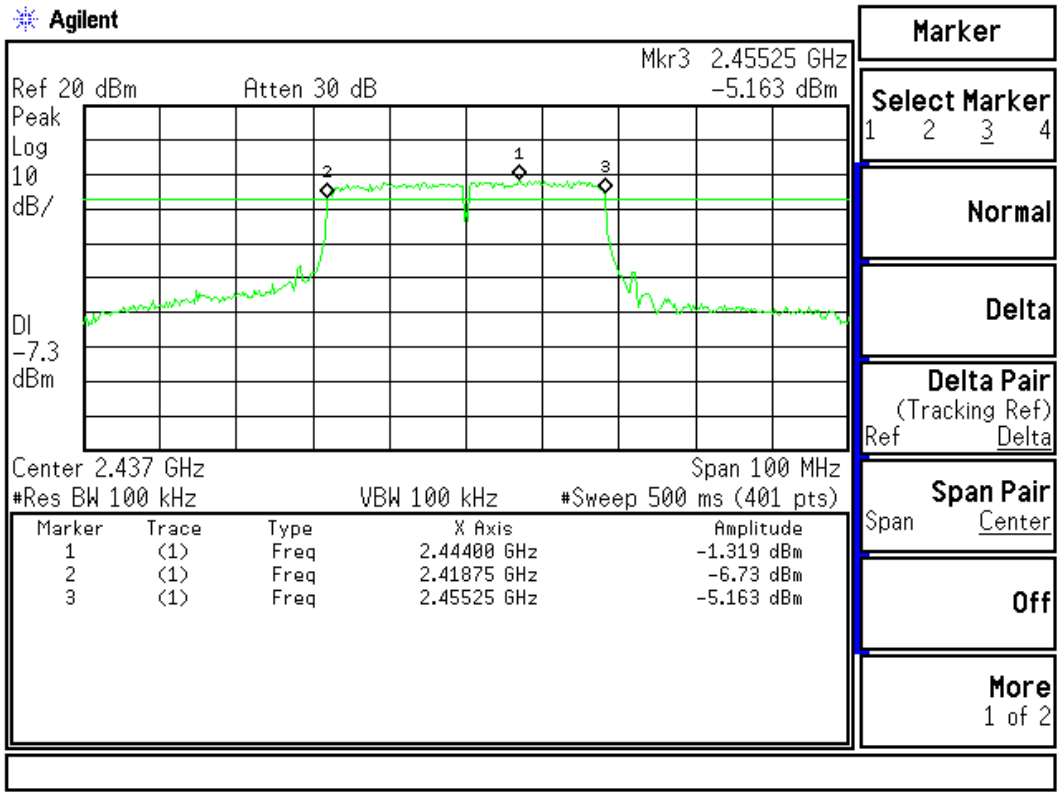
Figure Channel 1:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
4 (13Mbps)	2437.00	36500	>500	Pass

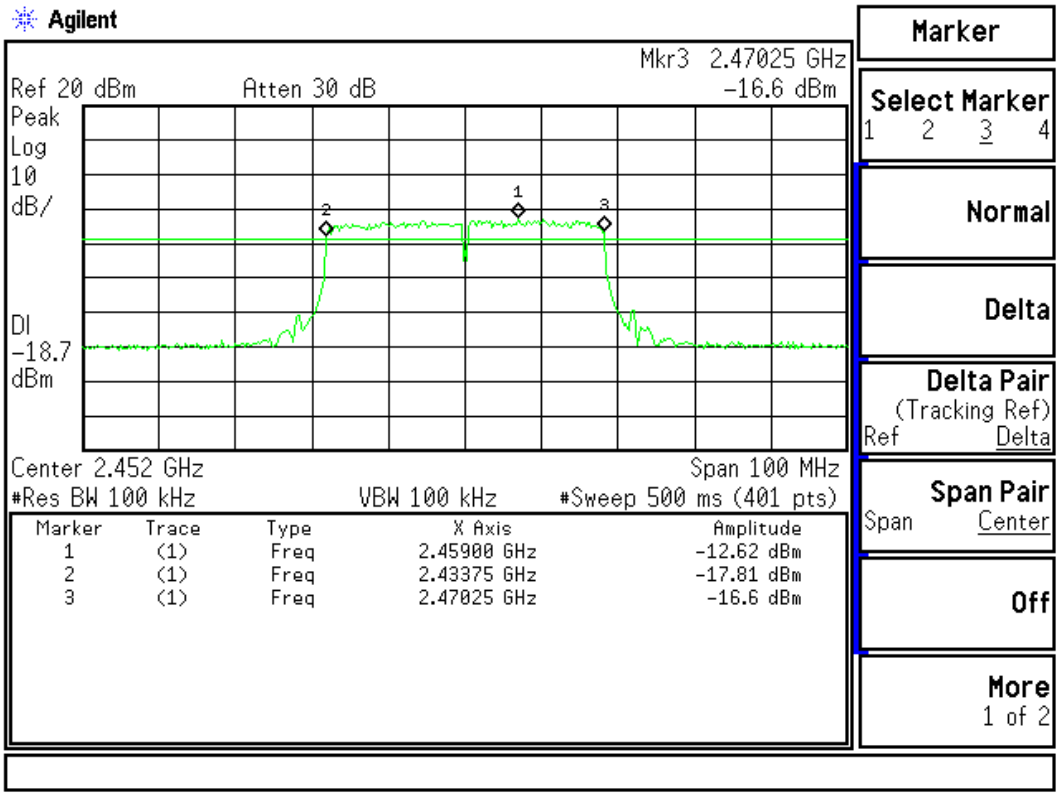
Figure Channel 4:



Product : Eee PC
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2452MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
7 (13Mbps)	2452.00	36500	>500	Pass

Figure Channel 7:



8. Power Density

8.1. Test Equipment

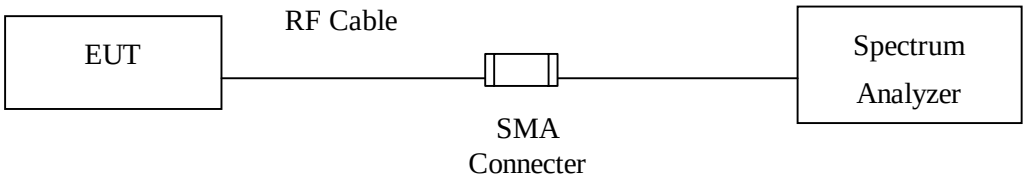
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2008

Note: 1. All equipments are calibrated every one year.

2. The test instruments marked by "X" are used to measure the final test results.

8.2. Test Setup



8.3. Limits

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3kHz bandwidth.

8.4. Test Procedure

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

Set RBW= 3 kHz, VBW=10KHz, Sweep time=(SPAN/3KHz), detector=Peak detector

8.5. Uncertainty

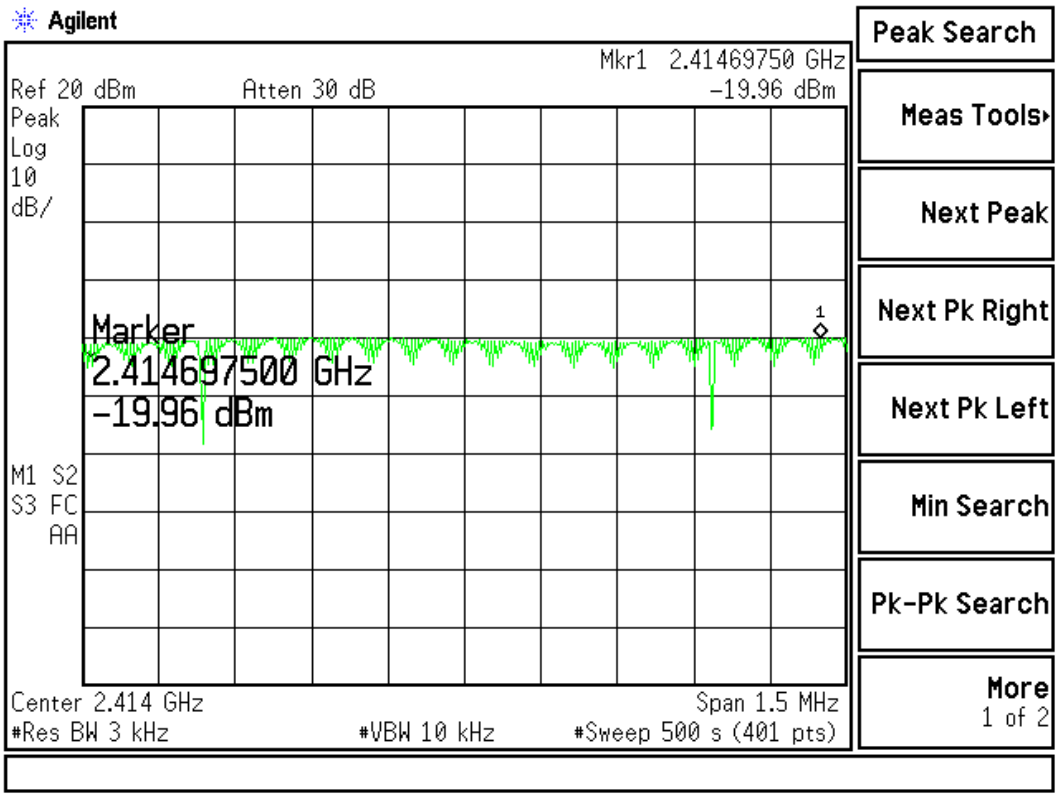
± 1.27 dB

8.6. Test Result of Power Density

Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (1Mbps)	2412.00	-19.96	< 8dBm	Pass

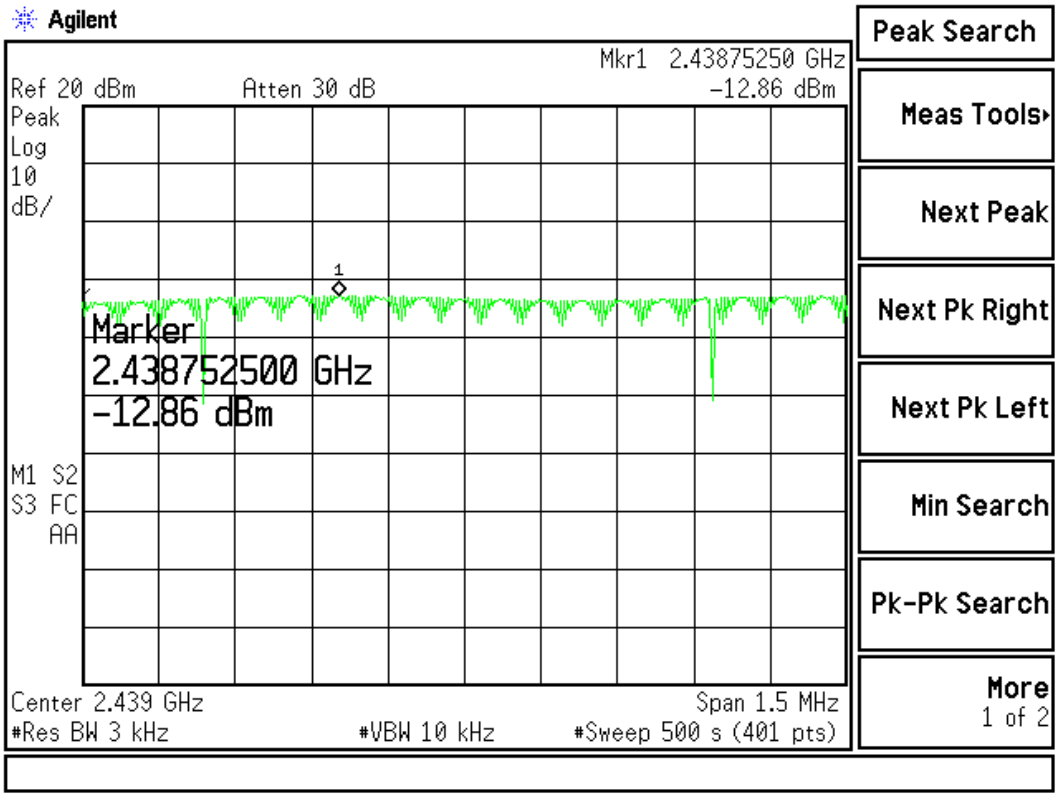
Figure Channel 1:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (1Mbps)	2437.000	-12.86	< 8dBm	Pass

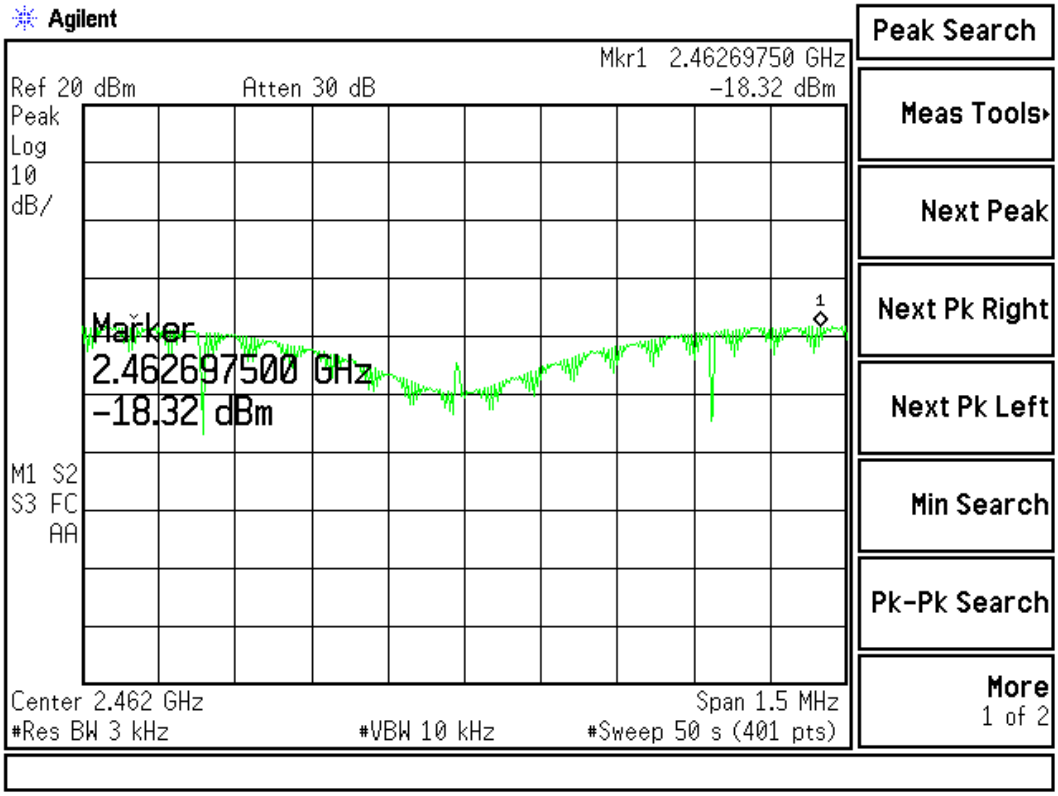
Figure Channel 6:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11b 1Mbps) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (1Mbps)	2462.00	-18.32	< 8dBm	Pass

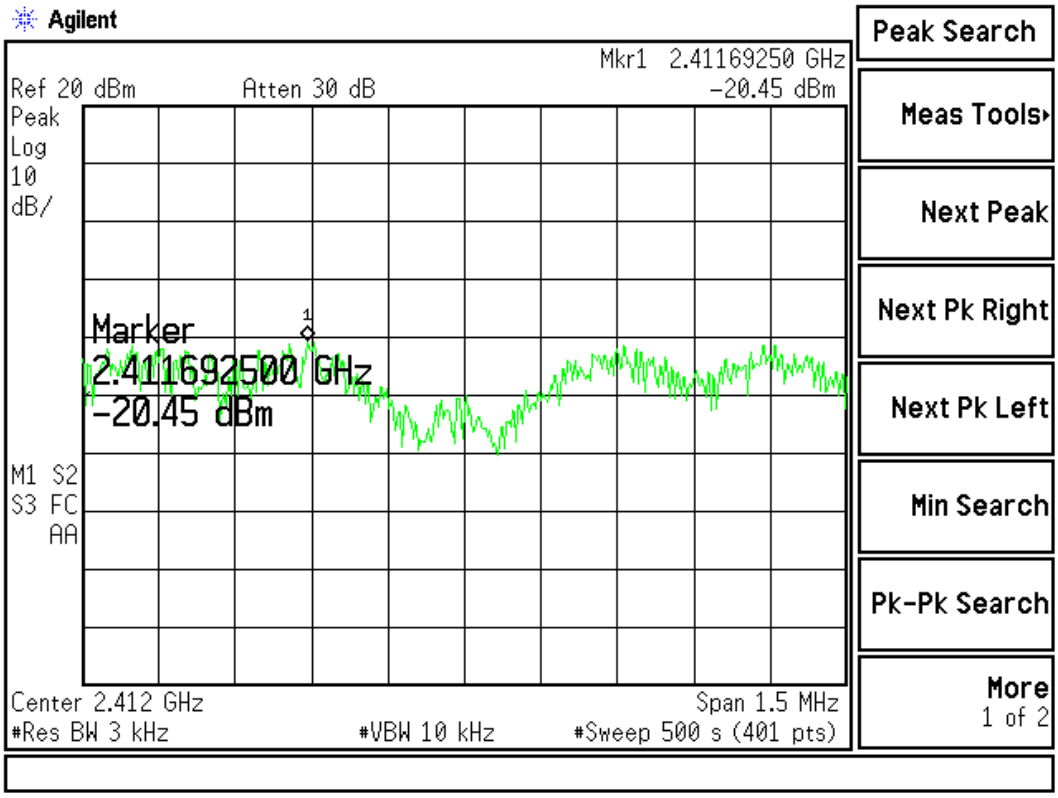
Figure Channel 11:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (54Mbps)	2412.00	-20.45	< 8dBm	Pass

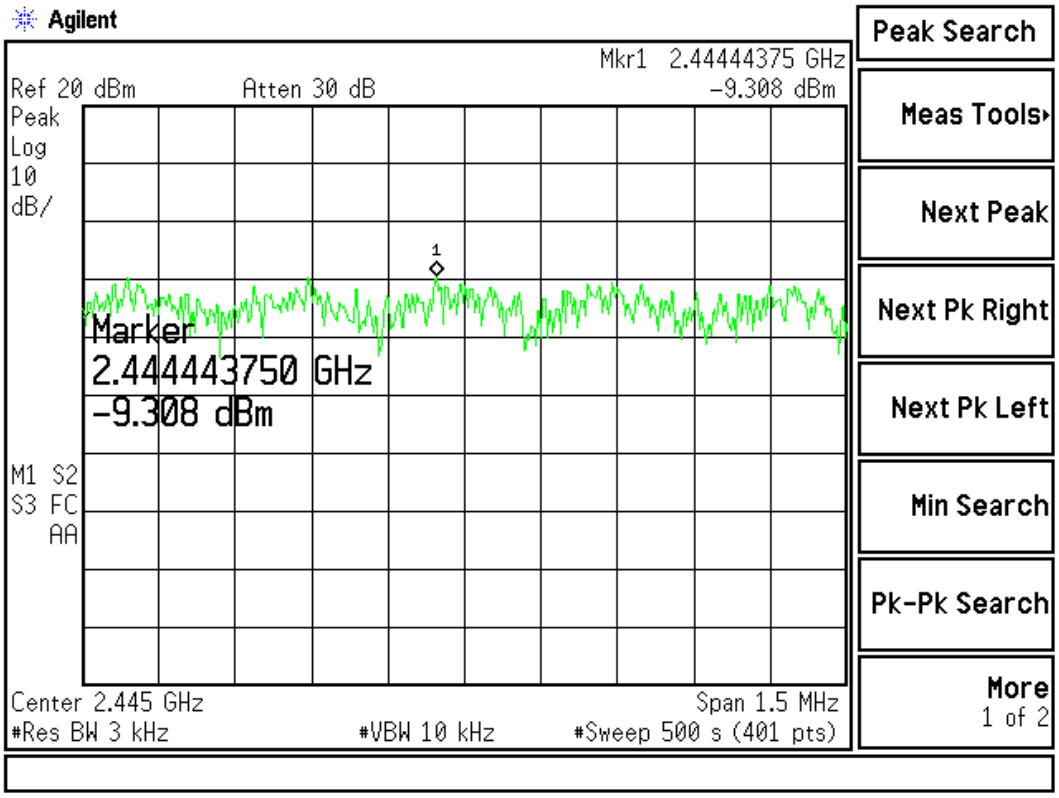
Figure Channel 1:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (54Mbps)	2437.000	-9.308	< 8dBm	Pass

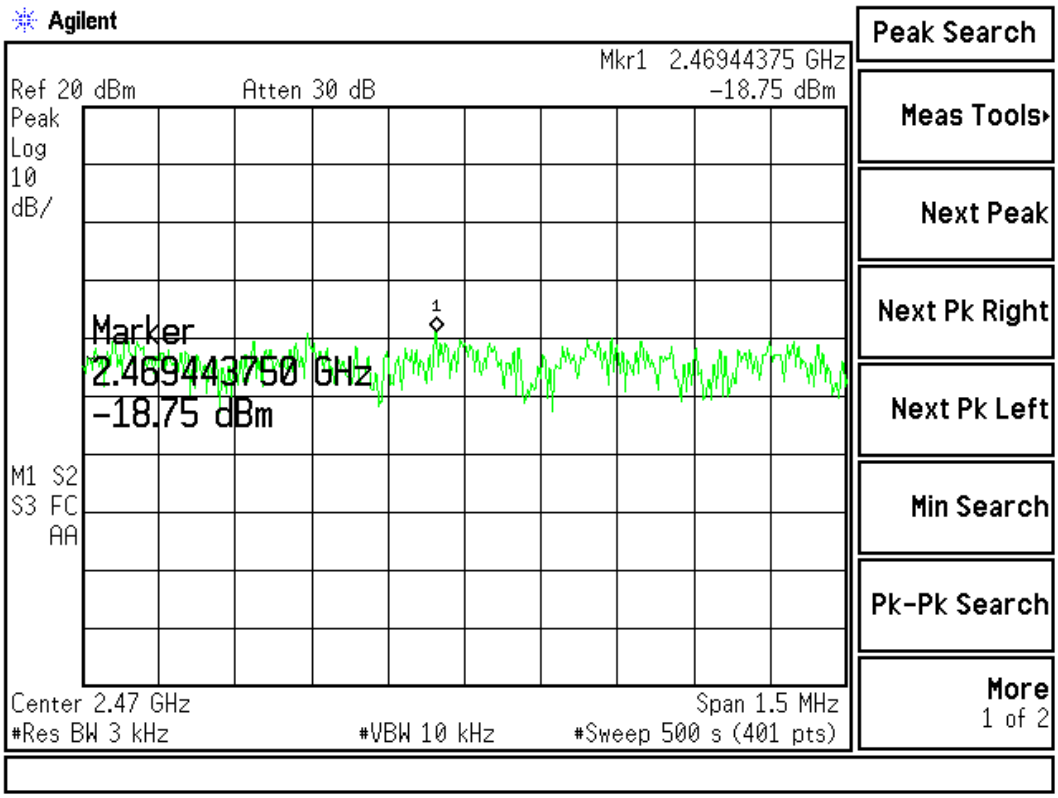
Figure Channel 6:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11g 54Mbps) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (54Mbps)	2462.00	-18.75	< 8dBm	Pass

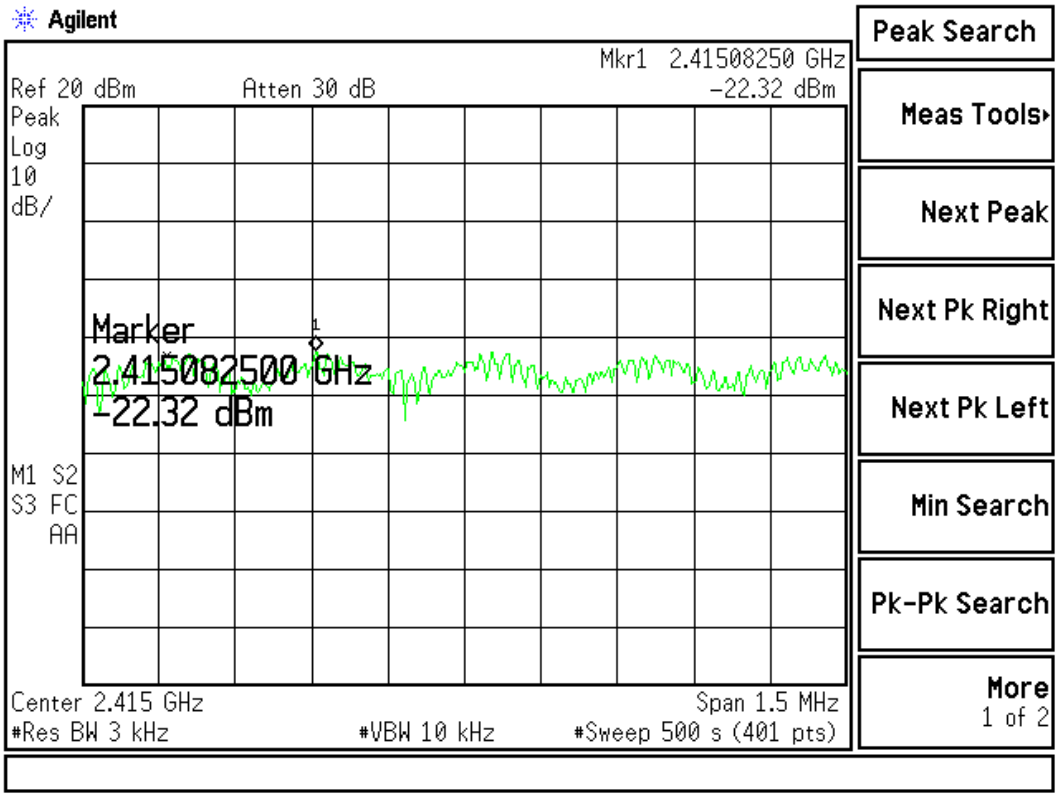
Figure Channel 11:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (6.5Mbps)	2412.00	-22.32	< 8dBm	Pass

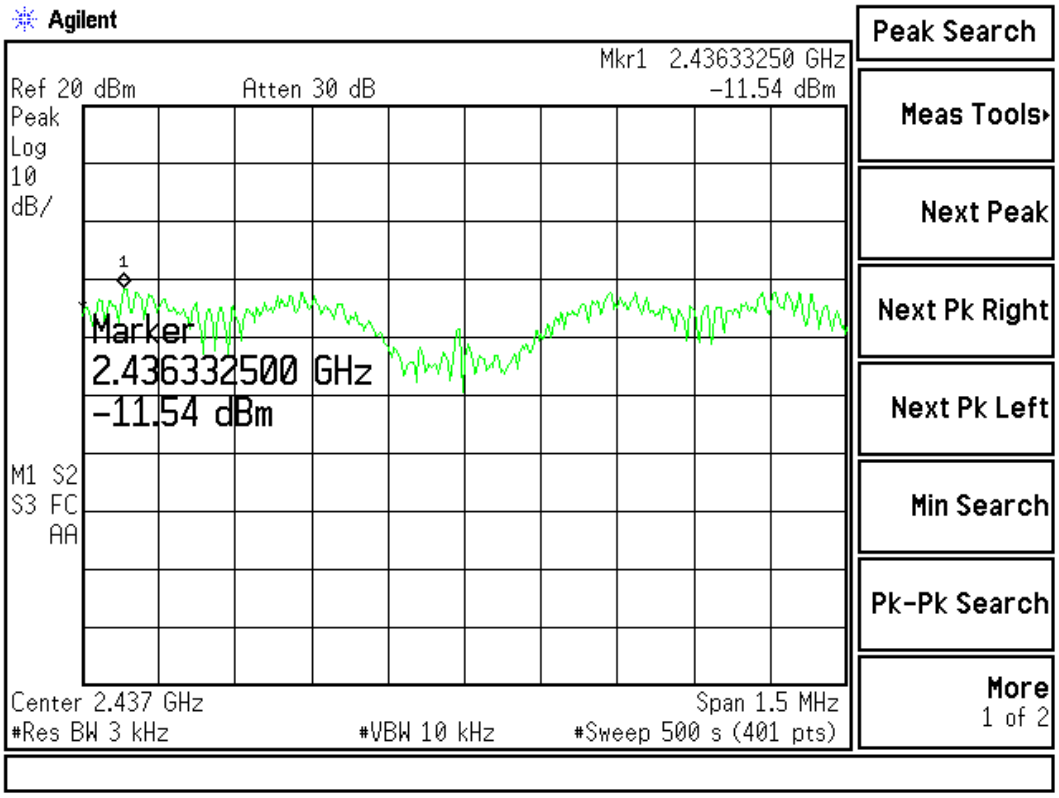
Figure Channel 1:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (6.5Mbps)	2437.000	-11.54	< 8dBm	Pass

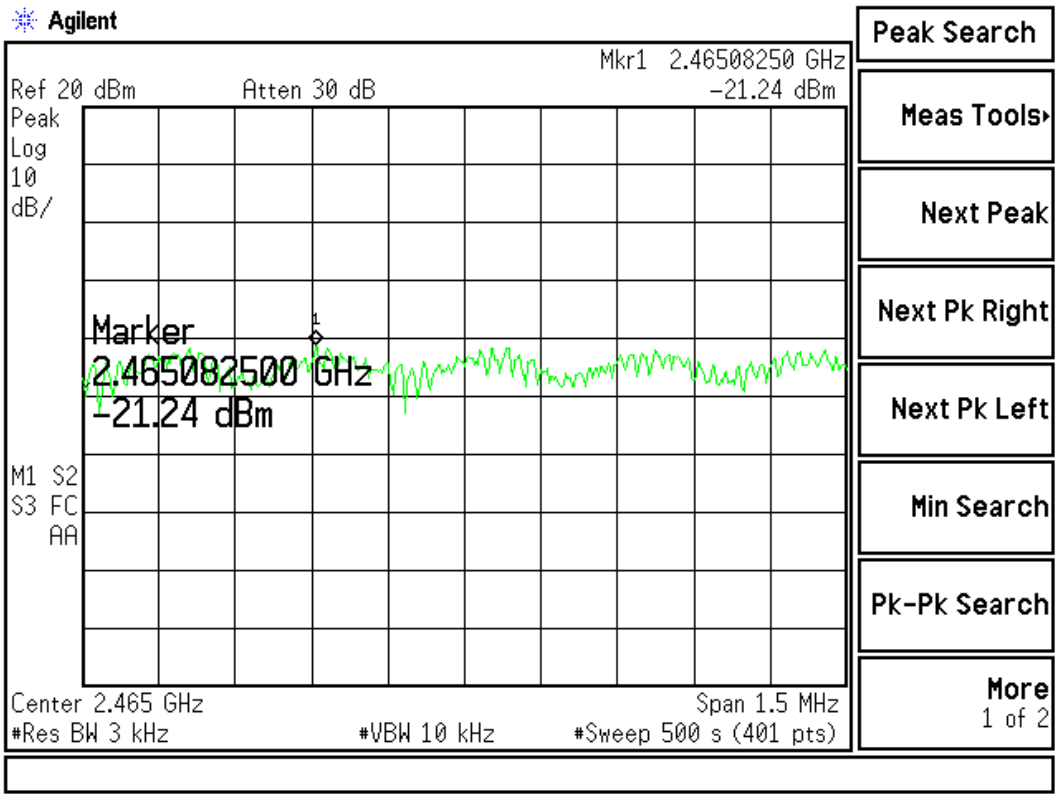
Figure Channel 6:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n MCS0 6.5Mbps 20MBW) - Antenna 1 (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (6.5Mbps)	2462.00	-21.24	< 8dBm	Pass

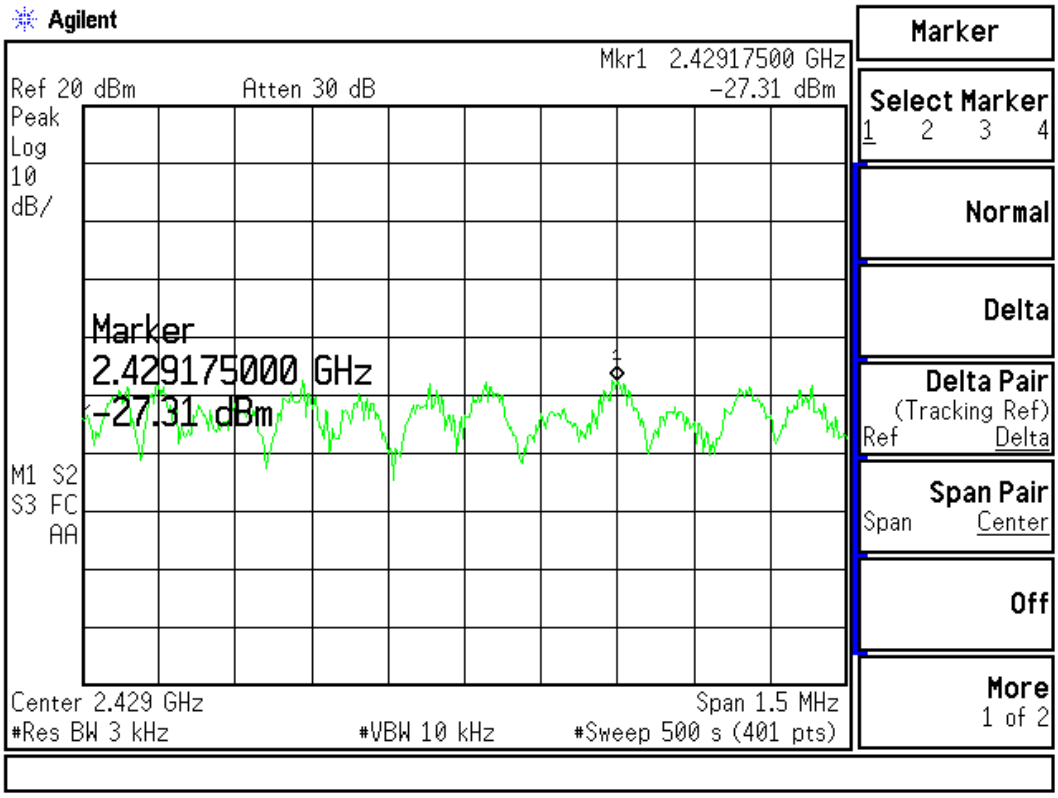
Figure Channel 11:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2422MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (13Mbps)	2422.00	-27.31	< 8dBm	Pass

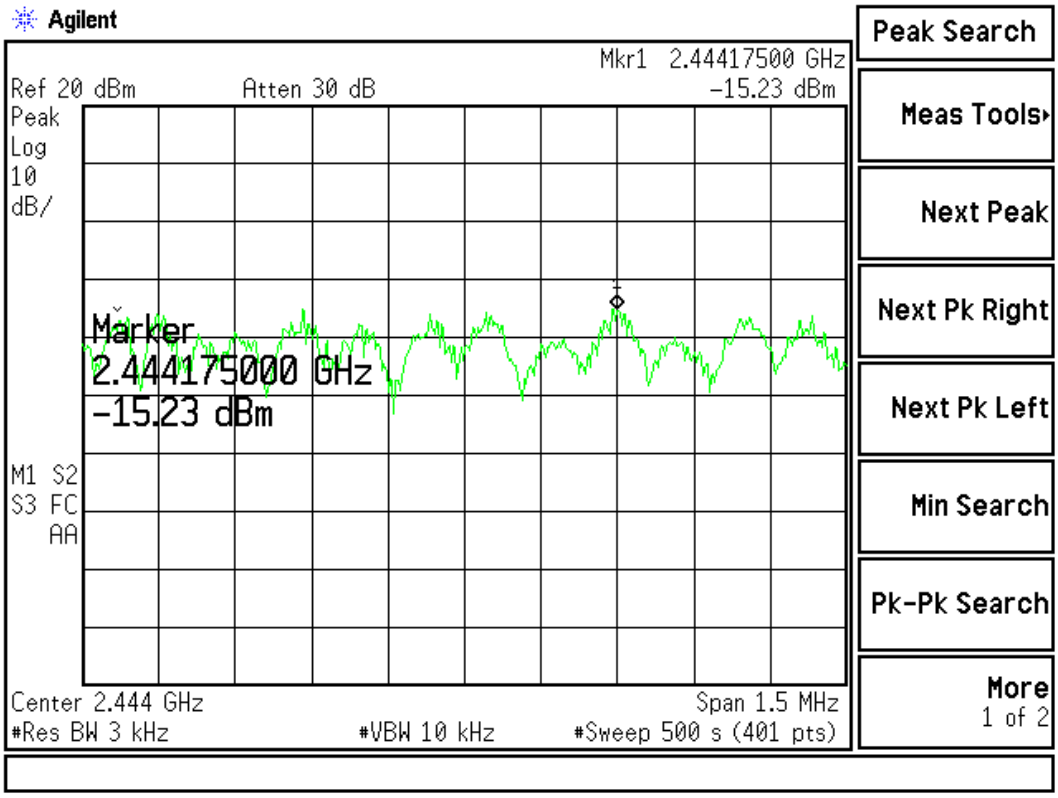
Figure Channel 1:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
4 (13Mbps)	2437.000	-15.23	< 8dBm	Pass

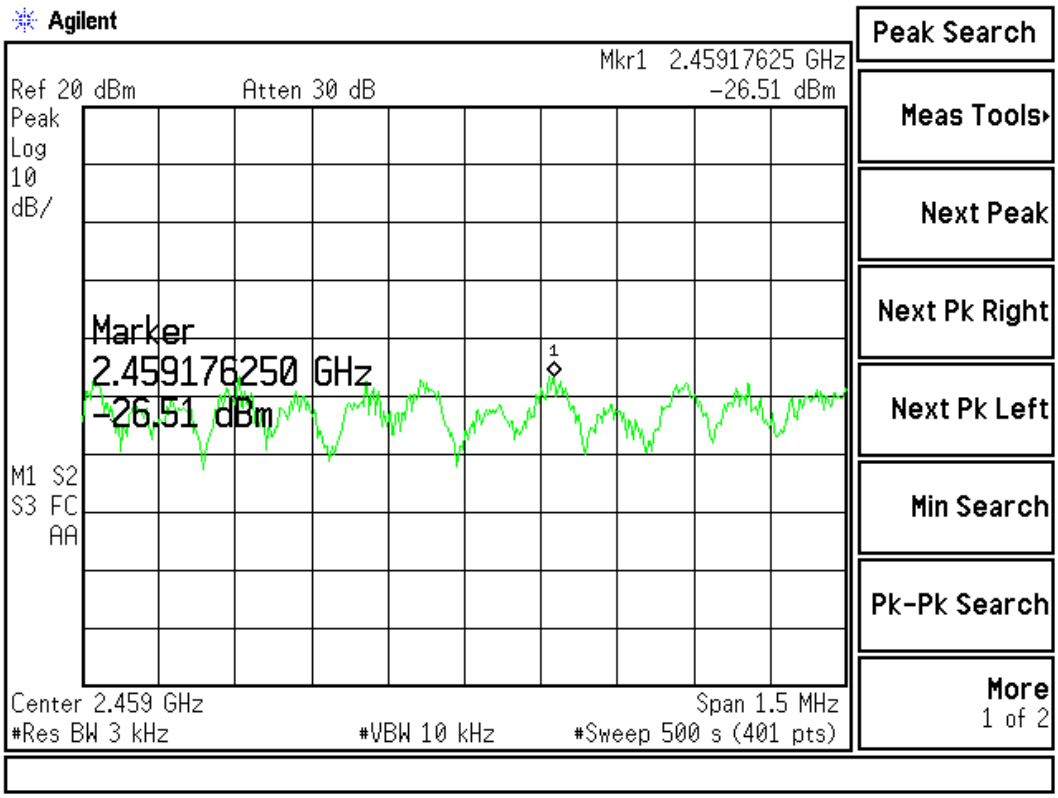
Figure Channel 4:



Product : Eee PC
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11n MCS8 13Mbps 40MBW) - Antenna 1 (2452MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
07 (6Mbps)	2452.00	-26.51	< 8dBm	Pass

Figure Channel 7:



9. EMI Reduction Method During Compliance Testing

No modification was made during testing.