FCC Part15.247 Test Report

Product Name	:	Eee PC
Model No.	:	Eee PC 1015P, Eee PC 1015PE, Eee PC 1015PEG, Eee PC 1015PGO, Eee PC 1016P, Eee PC 1016PG, Eee PC 1016PGO, Eee PC 1015PED, Eee PC1015PD, Eee PC 1015PDG
FCC ID	:	MSQ16P622AN

Applicant	:	ASUSTEK COMPUTER INC.
Address	:	4FL., NO.150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C

Date of Receipt	:	Sep. 09, 2010
Test Date	:	Sep. 09, 2010 ~ Sep. 17, 2010
Issued Date	:	Sep. 17, 2010
Report No.	:	109S008R-RF-US-P05V01
Report Version	:	V1.0

Test Report Certification

Issued Date : Sep. 17, 2010
Report No. : 109S008R-RF-US-P05V01

QuieTek

Product Name	:	Eee PC
Applicant	:	ASUSTEK COMPUTER INC.
Address	:	4FL.,NO.150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C
Manufacturer	:	PROTEK (SHANGHAI) LTD
Address	:	NO.3768 Xiu Yan Rd.Kang Qiao Town,PuDong Dist,Shang Hai
Model No.	:	Eee PC 1015P, Eee PC 1015PE, Eee PC 1015PEG, Eee PC 1015PGO, Eee PC 1016P, Eee PC 1016PG, Eee PC 1016PGO, Eee PC 1015PED, Eee PC1015PD, Eee PC 1015PDG
FCC ID	:	MSQ16P622AN
EUT Voltage	:	AC 100~240V
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2008; ANSI C63.4: 2009; ANSI C63.10: 2009
Test Result	:	Complied
Performed Location	:	SuZhou EMC Laboratory No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392

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(Engineering Manager: Dream Cao)

Laboratory Information

We, **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted(audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scope:

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

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

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

NVLAP Lab Code : 200347-0 ilac-MRA TAF Testing Laboratory 1313

LinKou Testing Laboratory :
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

NVLAP Lab Code: 200533-0 ilac-MRA TAF Testing Laboratory 0914

Suzhou (China) Testing Laboratory :
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NVLAP Lab Code : 200743-0 ilac-MRA TAF Testing Laboratory 1596

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1. General Information

1.1. EUT Description

Product Name	Eee PC
Trade Name	Asus
Model No.	Eee PC 1015P, Eee PC 1015PE, Eee PC 1015PEG, Eee PC 1015PGO, Eee PC 1016P, Eee PC 1016PG, Eee PC 1016PGO, Eee PC 1015PED, Eee PC1015PD, Eee PC 1015PDG
FCC ID	MSQ16P622AN
Working Voltage	AC 100~240V
Frequency Range	For 2.4GHz Band 802.11b/g/n(20MHz): 2412 - 2462 MHz 802.11n(40MHz): 2422 - 2452 MHz For 5.0GHz Band 802.11a/n(20MHz): 5180 - 5320 MHz, 5500 - 5700 MHz, 5745 - 5825MHz 802.11n(40MHz): 5190 - 5310 MHz, 5510 - 5670 MHz, 5755 - 5795 MHz
Channel Number	For 2.4GHz Band 802.11b/g/n(20MHz): 11 802.11n(40MHz): 7 For 5.0GHz Band 802.11a/n(20MHz): 24 802.11n(40MHz): 11
Type of Modulation	802.11b: DSSS
	802.11a/g/n: OFDM
Data Rate	802.11a/g: 6/9/12/18/24/36/48/54 Mbps
	802.11b: 1/2/5.5/11 Mbps
	802.11n: up to 300 Mbps
Channel Control	2*Tx + 2*Rx
Antenna Type	PIFA
Antenna Gain	Refer to antenna list
AC Adapter	Manufacturer: ASUS M/N: EXA0901XH Input: 100-240V~50/60Hz 1.0A Output: 19Vdc, 2.1A

For 2.4GHz Band

802.11b/g/n(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	N/A	N/A
802.11n(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz	N/A	N/A

For 5.0GHz Band

802.11a/n(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz	165	5825 MHz
802.11n(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz	N/A	N/A

802.11a/b/g/n Antenna List

Antenna	Manufacturer	Model No.	Antenna Gain
Chain A	YAGEO	CAN43139WLAS01391	1.85dBi for 2.4GHz 4.14dBi for 5GHz
Chain B	YAGEO	CAN43139WIAS01394	0.93dBi for 2.4GHz 1dBi for 5GHz

1.2. Mode of Operation

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

Test Mode
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11a
Mode 4: Transmit by 802.11n (20MHz)
Mode 5: Transmit by 802.11n (40MHz)

Note:

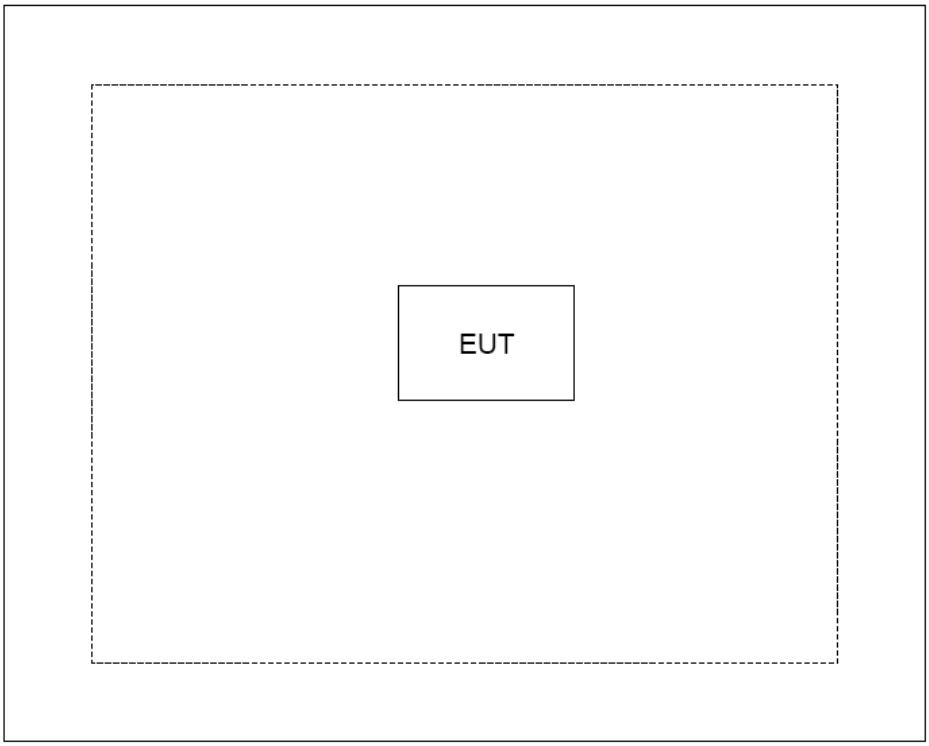
1. Regards to the frequency band operation: the lowest、middle and highest frequency of channel were selected to perform the test, then shown on this report.
2. This device is a composite device in accordance with Part 15 Subpart B regulations. The function for the receiver was measured and made a test report that the report number is 109S008R-RF-US-P01V02.

1.3. Tested System Details

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

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

1.4. Configuration of Tested System

Connection Diagram


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

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above
2	Turn on the power of equipment.
3	Excute the software “CRTU” provided by applicant.
4	Select wireless mode bandwidth and channel for test.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.209	Yes	No
RF Antenna Conducted Spurious	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2008 15.247(d)	Yes	No
Operation Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2008 15.215(c)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(a)(2)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(b)(3)	Yes	No
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(e)	Yes	No

2.2. Test Environment

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

3. Conducted Emission

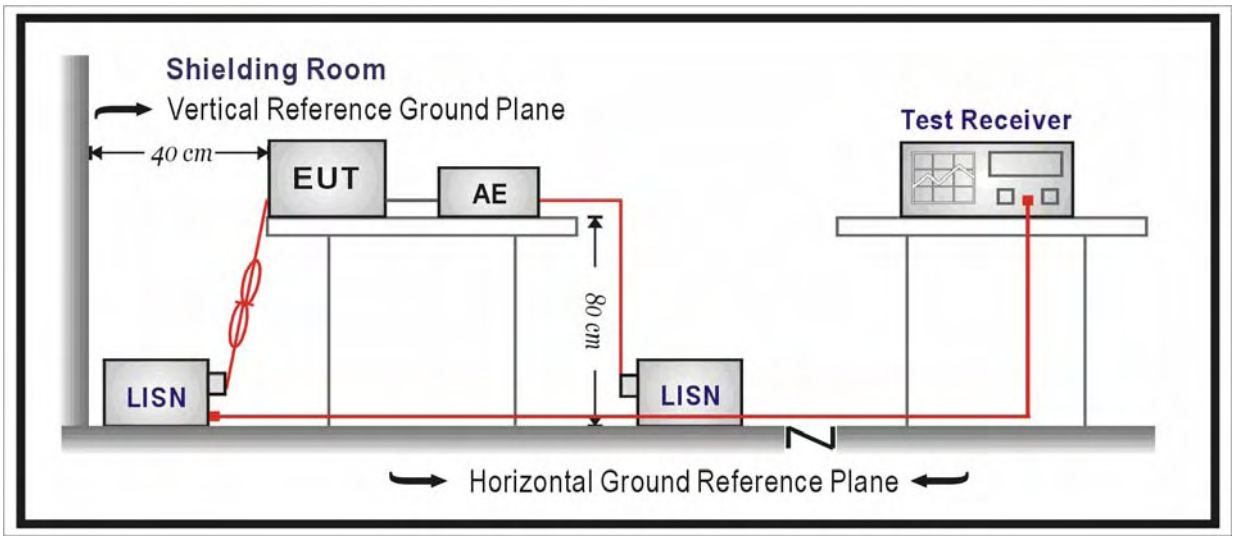
3.1. Test Equipment

Conducted Emission / TR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100726	2010.04.23
Two-Line V-Network	R&S	ENV216	100043	2010.06.18
Two-Line V-Network	R&S	ENV216	100044	2010.09.07
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2010.05.05
50ohm Termination	SHX	TF2	07081401	2009.09.29
Temperature/Humidity Meter	zhicheng	ZC1-2	TR1-TH	2010.01.14

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

3.2. Test Setup



3.3. Limit

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

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

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

3.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

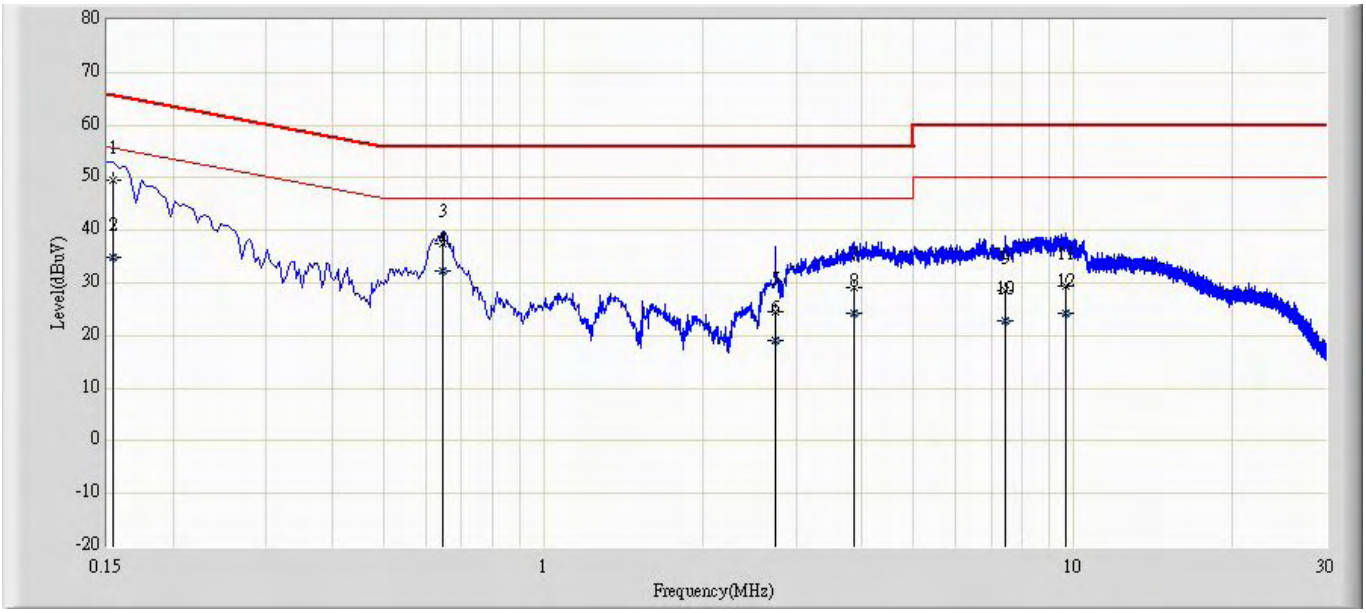
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

3.5. Uncertainty

The measurement uncertainty is defined as ± 2.02 dB

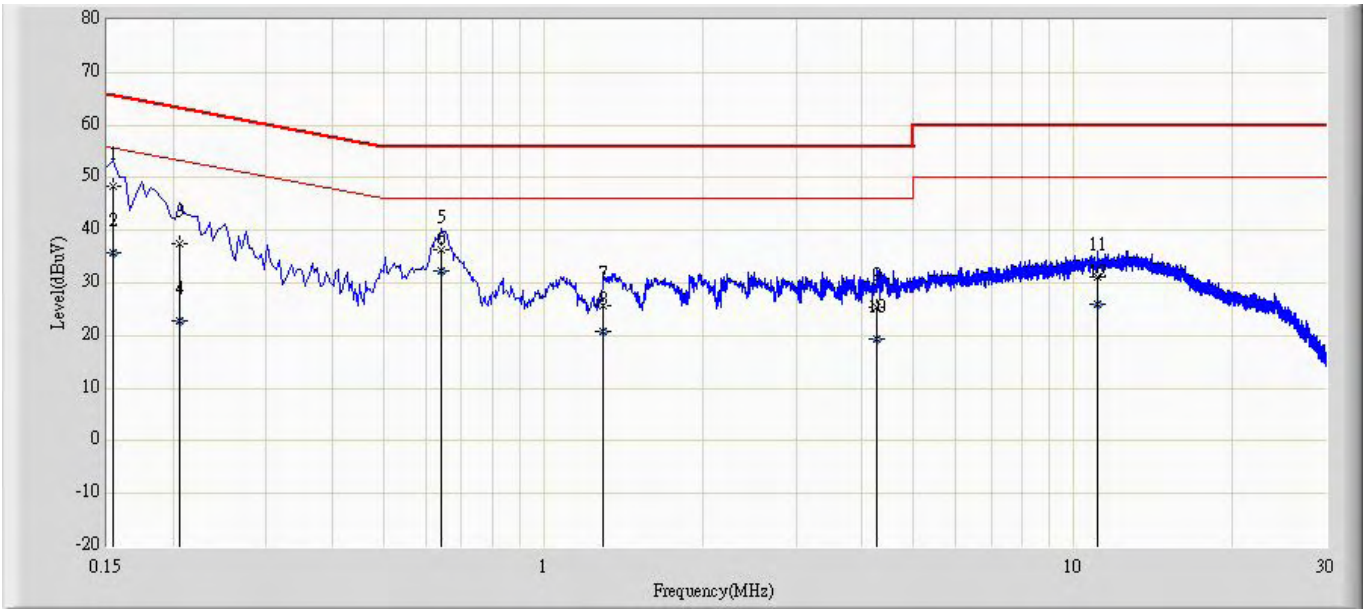
3.6. Test Result

Profile: 109S008R	Page No.: 1
Engineer: Aileen	
Site: TR1	Time: 2010/09/15 - 10:53
Limit: FCC_Part15.207_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Line
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.154	49.585	40.000	-16.196	65.781	9.585	QP
2		0.154	34.871	25.287	-20.910	55.781	9.585	AV
3		0.646	37.402	27.712	-18.598	56.000	9.690	QP
4	*	0.646	32.229	22.539	-13.771	46.000	9.690	AV
5		2.738	24.469	14.721	-31.531	56.000	9.747	QP
6		2.738	19.025	9.277	-26.975	46.000	9.747	AV
7		3.862	29.137	19.348	-26.863	56.000	9.789	QP
8		3.862	24.159	14.370	-21.841	46.000	9.789	AV
9		7.426	28.587	18.695	-31.413	60.000	9.891	QP
10		7.426	22.852	12.961	-27.148	50.000	9.891	AV
11		9.686	29.451	19.502	-30.549	60.000	9.949	QP
12		9.686	24.161	14.212	-25.839	50.000	9.949	AV

Profile: 109S008R	Page No.: 2
Engineer: Aileen	
Site: TR1	Time: 2010/09/15 - 11:00
Limit: FCC_Part15.207_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Neutral
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.154	48.285	38.541	-17.496	65.781	9.744	QP
2		0.154	35.856	26.112	-19.925	55.781	9.744	AV
3		0.206	37.410	27.748	-25.955	63.365	9.662	QP
4		0.206	22.865	13.203	-30.500	53.365	9.662	AV
5		0.642	36.418	26.734	-19.582	56.000	9.684	QP
6	*	0.642	32.434	22.750	-13.566	46.000	9.684	AV
7		1.298	25.802	16.085	-30.198	56.000	9.717	QP
8		1.298	20.666	10.949	-25.334	46.000	9.717	AV
9		4.270	25.515	15.712	-30.485	56.000	9.803	QP
10		4.270	19.333	9.530	-26.667	46.000	9.803	AV
11		11.150	31.080	21.043	-28.920	60.000	10.037	QP
12		11.150	25.966	15.929	-24.034	50.000	10.037	AV

4. Radiated Emission

4.1. Test Equipment

☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100573	2010/04/23
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2009/11/12
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2010/05/05
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2010/01/14

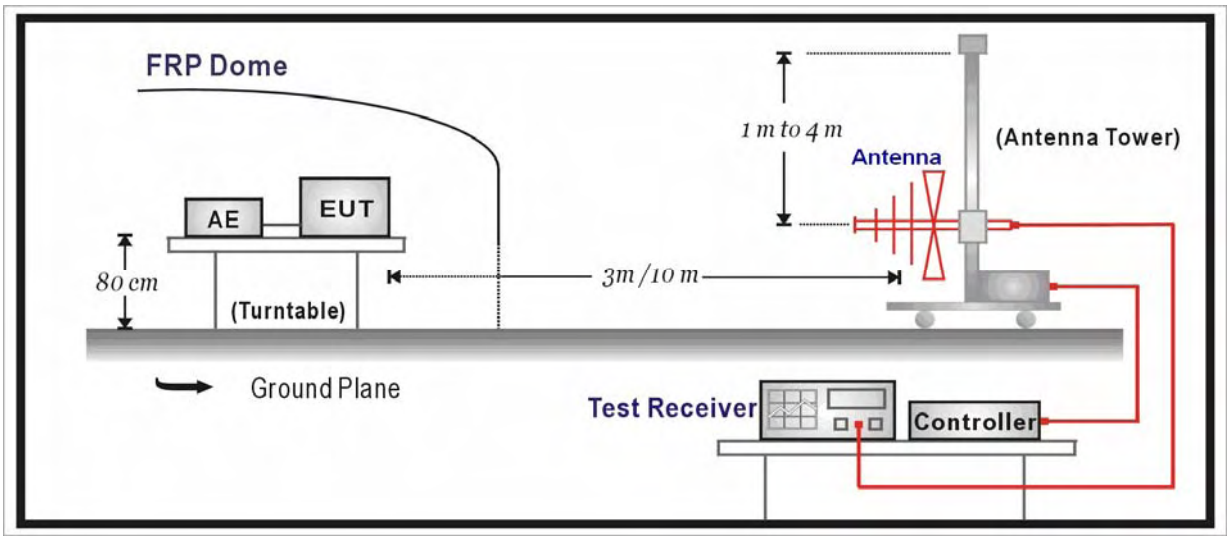
☒Radiated Emission / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2010.04.23
EMI Test Receiver	R&S	ESCI	100906	2010.01.15
Preamplifier	Quietek	AP-180C	CHM-0602013	2010.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2010.05.05
Bilog Antenna	Teseq GmbH	CBL6112D	27612	2009.11.12
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	499	2010.06.11
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2010.03.03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2010.03.03
Lowpass Filter	Wainwright	WLKS4500-9SS	SN2	2010.03.03
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC5-TH	2010.01.14

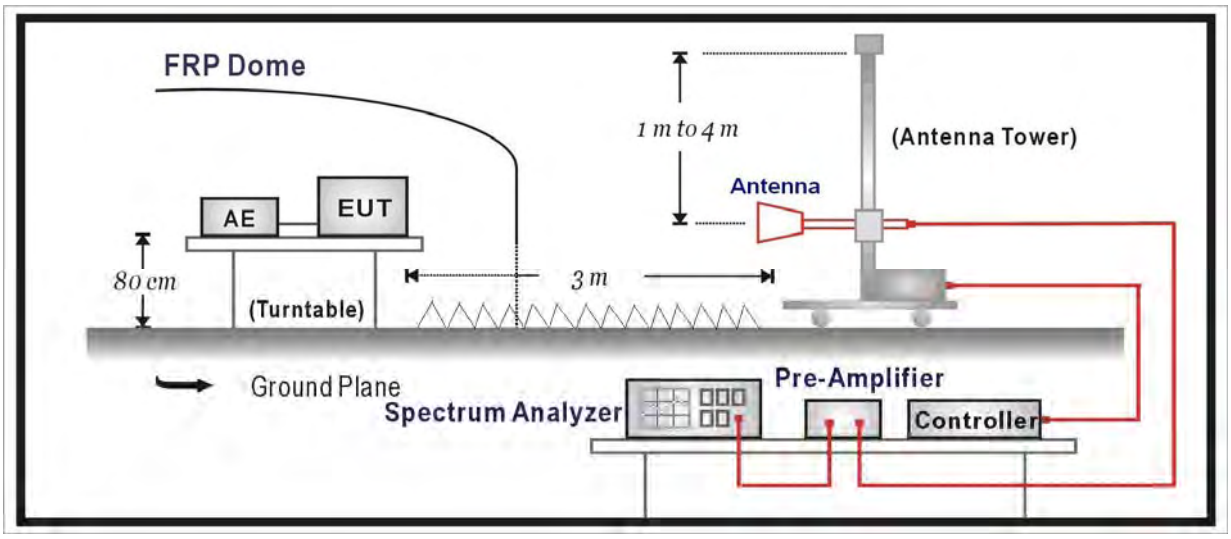
Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

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

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

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

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to ANSI C63.10: 2009 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: 2009 on radiated measurement.

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

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

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

4.5. Uncertainty

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

below 1G is defined as ± 3.8 dB

4.6. Test Result

All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:
Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

802.11b

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Chain A	1	H	2411.9	75.6	35.6	111.2	Fundamental	/	PK
		H	230.7	44.4	-11.6	32.8	46	-13.2	QP
		H	337.0	41.0	-7.2	33.8	46	-12.2	QP
		V	3482.0	56.4	-17.4	39.0	54(Note)	-15.0	PK
		H	4825.0	61.0	-14.3	46.7	54(Note)	-7.3	PK
		H	7236.0	51.8	-6.1	45.7	54(Note)	-8.3	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	75.2	35.3	110.5	Fundamental	/	PK
		H	369.5	41.4	-6.0	35.4	46	-10.6	QP
		H	461.1	36.5	-4.3	32.2	46	-13.8	QP
		V	3312.0	56.5	-17.5	39.0	54(Note)	-15.0	PK
		H	4876.0	64.0	-14.0	50.0	54(Note)	-4.0	PK
		V	7311.0	52.4	-6.0	46.4	54(Note)	-7.6	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2462.0	75.1	30.4	105.5	Fundamental	/	PK
		H	507.2	34.1	-1.3	32.8	46	-13.2	QP
		H	900.0	30.7	1.1	31.8	46	-14.2	QP
		H	3482.0	55.6	-17.4	38.2	54(Note)	-15.8	PK
		H	4927.0	63.2	-14.0	49.2	54(Note)	-4.8	PK
		V	7326.0	52.9	-6.0	46.9	54(Note)	-7.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain B	1	H	2410.8	71.3	30.6	101.9	Fundamental	/	PK
		H	541.6	34.1	-2.2	31.9	46	-14.1	QP
		H	582.4	35.0	-1.6	33.4	46	-12.6	QP
		V	3482.0	54.6	-17.4	37.2	54(Note)	-16.8	PK
		V	4824.0	56.3	-14.3	42.0	54(Note)	-12.0	PK
		H	7236.0	51.6	-6.1	45.5	54(Note)	-8.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

	6	H	2437.0	71.2	30.4	101.6	Fundamental	/	PK
		H	582.4	34.6	-1.6	33.0	46	-13.0	QP
		H	633.3	34.1	-1.3	32.8	46	-13.2	QP
		V	3524.5	56.0	-17.4	38.6	54(Note)	-15.4	PK
		H	4874.0	56.0	-14.0	42.0	54(Note)	-12.0	PK
		H	7311.0	52.3	-6.0	46.3	54(Note)	-7.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2460.7	71.7	30.4	102.1	Fundamental	/	PK
		H	246.7	37.4	-9.6	27.8	46	-18.2	QP
		H	313.7	43.6	-7.6	36.0	46	-10.0	QP
		H	3482.0	56.3	-17.4	38.9	54(Note)	-15.1	PK
		V	4924.0	56.4	-14.0	42.4	54(Note)	-11.6	PK
		V	7386.0	52.5	-5.6	46.9	54(Note)	-7.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

802.11g

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Chain A	1	V	2408.5	78.7	30.6	109.3	Fundamental	/	PK
		H	377.7	33.5	-5.7	27.8	46	-18.2	QP
		H	414.1	37.8	-4.5	33.3	46	-12.7	QP
		H	3482.0	55.8	-17.4	38.4	54(Note)	-15.6	PK
		H	4825.0	59.6	-14.3	45.3	54(Note)	-8.7	PK
		V	7236.0	52.0	-6.1	45.9	54(Note)	-8.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	78.5	30.4	108.9	Fundamental	/	PK
		H	541.6	34.1	-2.2	31.9	46	-14.1	QP
		H	582.4	35.0	-1.6	33.4	46	-12.6	QP
		H	3524.5	57.0	-17.4	39.6	54(Note)	-14.4	PK
		H	4876.0	63.9	-14.0	49.9	54(Note)	-4.1	PK
		V	7311.0	52.5	-6.0	46.5	54(Note)	-7.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2463.4	78.6	30.4	109.0	Fundamental	/	PK
		H	626.5	34.7	-1.3	33.4	46	-12.6	QP
		H	949.0	31.3	1.4	32.7	46	-13.3	QP

		V	3065.5	56.3	-18.0	38.3	54(Note)	-15.7	PK
		H	4927.0	61.2	-14.0	47.2	54(Note)	-6.8	PK
		V	7386.0	52.8	-5.6	47.2	54(Note)	-6.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain B	1	H	2408.0	75.7	30.6	106.3	Fundamental	/	PK
		H	223.0	33.9	-12.7	21.2	46	-24.8	QP
		H	633.3	32.6	-1.3	31.3	46	-14.7	QP
		H	3218.5	60.9	-17.3	43.6	54(Note)	-10.4	PK
		H	4816.5	63.0	-14.3	48.7	54(Note)	-5.3	PK
		V	7236.0	51.6	-6.1	45.5	54(Note)	-8.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	75.2	30.3	105.5	Fundamental	/	PK
		H	230.7	42.2	-11.6	30.6	46	-15.4	QP
		H	542.1	34.2	-2.2	32.0	46	-14.0	QP
		V	3482.0	55.1	-17.4	37.7	54(Note)	-16.3	PK
		V	4874.0	55.0	-14.0	41.0	54(Note)	-13.0	PK
		H	7311.0	52.9	-6.0	46.9	54(Note)	-7.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2463.4	74.5	30.4	104.9	Fundamental	/	PK
		H	276.3	40.1	-8.8	31.3	46	-14.7	QP
		H	313.7	39.4	-7.6	31.8	46	-14.2	QP
		H	3252.5	55.5	-17.2	38.3	54(Note)	-15.7	PK
		H	4924.0	55.7	-14.0	41.7	54(Note)	-12.3	PK
		V	7386.0	53.2	-5.6	47.6	54(Note)	-6.4	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

802.11a

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
A	149	V	5738.5	70.7	30.5	101.2	Fundamental	/	PK
		H	336.0	39.8	-7.2	32.6	46	-13.4	QP
		H	368.5	38.2	-6.0	32.2	46	-13.8	QP
		H	6389.0	56.2	-10.7	45.5	54(Note)	-8.5	PK
		V	11490.0	49.3	2.2	51.5	54(Note)	-2.5	PK
		H	16200.0	51.9	0.9	52.8	54(Note)	-1.2	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

	157	H	5777.5	69.1	31.2	100.3	Fundamental	/	PK
		H	381.6	37.0	-5.6	31.4	46	-14.6	QP
		H	507.2	34.7	-3.1	31.6	46	-14.4	QP
		V	6389.0	55.7	-10.7	45.0	54(Note)	-9.0	PK
		V	11570.0	50.0	2.0	52.0	54(Note)	-2.0	PK
		V	16200.0	52.0	0.9	52.9	54(Note)	-1.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	165	H	5818.7	72.2	30.3	102.5	Fundamental	/	PK
		H	230.3	44.6	-11.7	32.9	46	-13.1	QP
		H	300.1	41.8	-8.1	33.7	46	-12.3	QP
		V	6389.0	55.9	-10.7	45.2	54(Note)	-8.8	PK
		V	11650.0	48.8	2.0	50.8	54(Note)	-3.2	PK
		V	16200.0	51.9	0.9	52.8	54(Note)	-1.2	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
B	149	H	5738.5	72.5	30.5	103.0	Fundamental	/	PK
		H	414.1	39.4	-4.5	34.9	46	-11.1	QP
		H	507.7	34.7	-3.1	31.6	46	-14.4	QP
		V	6389.0	55.7	-10.7	45.0	54(Note)	-9.0	PK
		V	11490.0	49.4	2.2	51.6	54(Note)	-2.4	PK
		V	16200.0	51.4	0.9	52.3	54(Note)	-1.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	157	H	5777.5	71.0	31.2	102.2	Fundamental	/	PK
		H	276.9	28.7	-8.8	19.9	46	-26.1	QP
		H	323.4	34.5	-7.4	27.1	46	-18.9	QP
		V	6389.0	54.4	-10.7	43.7	54(Note)	-10.3	PK
		V	11570.0	47.7	2.0	49.7	54(Note)	-4.3	PK
		V	16200.0	51.5	0.9	52.4	54(Note)	-1.6	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	165	H	5818.7	73.2	30.3	103.5	Fundamental	/	PK
		H	369.0	29.0	-6.1	22.9	46	-23.1	QP
		H	414.6	33.1	-4.5	28.6	46	-17.4	QP
		V	6389.0	54.9	-10.7	44.2	54(Note)	-9.8	PK
		V	11650.0	48.1	2.0	50.1	54(Note)	-3.9	PK
		V	16200.0	51.6	0.9	52.5	54(Note)	-1.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

802.11n(20MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Chain A	1	H	2408.2	77.5	30.6	108.1	Fundamental	/	PK
		H	599.9	27.1	-1.5	25.6	46	-20.4	QP
		H	785.1	24.2	0.1	24.3	46	-21.7	QP
		V	3252.5	55.9	-17.2	38.7	54(Note)	-15.3	PK
		H	4833.5	60.2	-14.3	45.9	54(Note)	-8.1	PK
		H	7236.0	52.3	-6.1	46.2	54(Note)	-7.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	77.4	30.5	107.9	Fundamental	/	PK
		H	276.8	40.9	-8.8	32.1	46	-13.9	QP
		H	321.9	44.4	-7.4	37.0	46	-9.0	QP
		H	3482.0	55.8	-17.4	38.4	54(Note)	-15.6	PK
		H	4876.0	64.4	-14.0	50.4	54(Note)	-3.6	PK
		H	7311.0	52.8	-6.0	46.8	54(Note)	-7.2	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2463.9	77.9	30.4	108.3	Fundamental	/	PK
		H	369.0	37.2	-6.1	31.1	46	-14.9	QP
		H	414.1	39.1	-4.5	34.6	46	-11.4	QP
		H	3482.0	55.7	-17.4	38.3	54(Note)	-15.7	PK
		H	4927.0	61.2	-14.0	47.2	54(Note)	-6.8	PK
		V	7386.0	52.9	-5.6	47.3	54(Note)	-6.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	149	H	5738.5	71.7	30.5	102.2	Fundamental	/	PK
		H	461.1	35.3	-4.3	31.0	46	-15.0	QP
		H	507.2	33.9	-3.1	30.8	46	-15.2	QP
		V	6389.0	54.9	-10.7	44.2	54(Note)	-9.8	PK
		V	11490.0	52.8	2.2	55.0	74	-19.0	PK
		V	11490.0	38.8	2.2	41.0	54	-13.0	AV
		V	16200.0	51.3	0.9	52.2	54(Note)	-1.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	157	H	5777.5	70.1	31.2	101.3	Fundamental	/	PK
		H	295.2	40.5	-8.3	32.2	46	-13.8	QP
		H	323.4	47.9	-7.4	40.5	46	-5.5	QP
		H	6389.0	55.2	-10.7	44.5	54(Note)	-9.5	PK

		H	11570.0	48.3	2.0	50.3	54(Note)	-3.7	PK
		H	16200.0	51.8	0.9	52.7	54(Note)	-1.3	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	165	H	5818.7	72.3	30.3	102.6	Fundamental	/	PK
		H	368.5	42.8	-6.1	36.7	46	-9.3	QP
		H	416.0	40.2	-4.5	35.7	46	-10.3	QP
		H	6389.0	54.6	-10.7	43.9	54(Note)	-10.1	PK
		H	11650.0	48.0	2.0	50.0	54(Note)	-4.0	PK
		V	16200.0	50.7	0.9	51.6	54(Note)	-2.4	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain B	1	H	2408.0	75.1	30.6	105.7	Fundamental	/	PK
		H	461.1	36.4	-4.3	32.1	46	-13.9	QP
		H	507.2	34.4	-3.1	31.3	46	-14.7	QP
		H	3414.0	55.9	-17.8	38.1	54(Note)	-15.9	PK
		H	4825.0	57.1	-14.3	42.8	54(Note)	-11.2	PK
		H	7236.0	51.5	-6.1	45.4	54(Note)	-8.6	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	75.2	30.5	105.7	Fundamental	/	PK
		H	666.8	25.1	-1.0	24.1	46	-21.9	QP
		H	733.7	21.8	0.2	22.0	46	-24.0	QP
		H	3482.0	55.8	-17.4	38.4	54(Note)	-15.6	PK
		V	4874.0	55.5	-14.0	41.5	54(Note)	-12.5	PK
		H	7311.0	52.6	-6.0	46.6	54(Note)	-7.4	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	V	2458.6	75.8	30.4	106.2	Fundamental	/	PK
		H	288.0	40.5	-8.4	32.1	46	-13.9	QP
		H	346.2	40.2	-6.8	33.4	46	-12.6	QP
		H	3482.0	55.2	-17.4	37.8	54(Note)	-16.2	PK
		H	4924.0	56.4	-14.0	42.4	54(Note)	-11.6	PK
		V	7386.0	53.1	-5.6	47.5	54(Note)	-6.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	149	H	5738.5	74.5	30.5	104.0	Fundamental	/	PK
		H	381.6	37.0	-5.6	31.4	46	-14.6	QP
		H	412.6	38.6	-4.5	34.1	46	-11.9	QP
		H	6389.0	55.3	-10.7	44.6	54(Note)	-9.4	PK
		V	11490.0	50.4	2.2	52.6	54(Note)	-1.4	PK
		H	16200.0	52.0	0.9	52.9	54(Note)	-1.1	PK

		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	157	H	5777.5	70.8	31.2	102.0	Fundamental	/	PK
		H	460.6	35.5	-4.3	31.2	46	-14.8	QP
		H	507.2	34.5	-3.1	31.4	46	-14.6	QP
		V	6389.0	55.8	-10.7	45.1	54	-8.9	PK
		V	11650.0	52.3	2.0	54.3	74	-19.7	PK
		V	11650.0	38.0	2.0	40.0	54	-14.0	AV
		H	16200.0	51.4	0.9	52.3	54(Note)	-1.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	165	H	5818.7	70.0	30.3	100.3	Fundamental	/	PK
		H	291.9	38.5	-8.3	30.2	46	-15.8	QP
		H	321.9	41.8	-7.4	34.4	46	-11.6	QP
		H	6389.0	54.6	-10.7	43.9	54(Note)	-10.1	PK
		V	11570.0	49.4	2.0	51.4	54(Note)	-2.6	PK
		V	16200.0	52.1	0.9	53.0	54(Note)	-1.0	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain A+B	1	H	2415.4	76.5	30.6	107.1	Fundamental	/	PK
		H	369.5	36.6	-6.0	30.6	46	-15.4	QP
		H	401.5	32.7	-4.8	27.9	46	-18.1	QP
		H	3482.0	54.6	-17.4	37.2	54(Note)	-16.8	PK
		V	4824.0	55.8	-14.3	41.5	54(Note)	-12.5	PK
		V	7236.0	51.5	-6.1	45.4	54(Note)	-8.6	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	76.2	30.5	106.7	Fundamental	/	PK
		H	462.1	33.2	-4.3	28.9	46	-17.1	QP
		H	506.7	30.6	-3.1	27.5	46	-18.5	QP
		H	3482.0	55.5	-17.4	38.1	54(Note)	-15.9	PK
		H	4874.0	56.4	-14.0	42.4	54(Note)	-11.6	PK
		H	7311.0	52.5	-6.0	46.5	54(Note)	-7.5	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	11	H	2465.3	75.8	30.4	106.2	Fundamental	/	PK
		H	460.6	35.4	-4.3	31.1	46	-14.9	QP
		H	507.2	34.5	-3.1	31.4	46	-14.6	QP
		H	3482.0	55.3	-17.4	37.9	54(Note)	-16.1	PK
		H	4924.0	54.7	-14.0	40.7	54(Note)	-13.3	PK
		H	7386.0	52.4	-5.6	46.8	54(Note)	-7.2	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

	149	H	5738.5	73.7	30.5	104.2	Fundamental	/	PK
		H	507.2	34.5	-3.1	31.4	46	-14.6	QP
		H	553.3	30.5	-2.0	28.5	46	-17.5	QP
		V	6389.0	55.8	-10.7	45.1	54(Note)	-8.9	PK
		V	11490.0	49.1	2.2	51.3	54(Note)	-2.7	PK
		V	16200.0	52.3	0.9	53.2	54(Note)	-0.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	157	H	5777.5	72.1	31.2	103.3	Fundamental	/	PK
		H	321.9	44.4	-7.4	37.0	46	-9.0	QP
		H	336.0	39.6	-7.2	32.4	46	-13.6	QP
		V	6389.0	55.6	-10.7	44.9	54(Note)	-9.1	PK
		V	11490.0	48.1	2.2	50.3	54(Note)	-3.7	PK
		V	16200.0	52.4	0.9	53.3	54(Note)	-0.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	165	H	5818.7	72.6	30.3	102.9	Fundamental	/	PK
		H	461.1	27.2	-4.3	22.9	46	-23.1	QP
		H	507.2	27.6	-3.1	24.5	46	-21.5	QP
		V	6389.0	51.2	-10.7	40.5	54(Note)	-13.5	PK
		V	11650.0	49.4	2.2	51.6	54(Note)	-2.4	PK
		V	16200.0	52.0	0.9	52.9	54(Note)	-1.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

802.11n(40MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Chain A	3	H	2410.4	72.9	30.6	103.5	Fundamental	/	PK
		H	414.1	39.4	-4.5	34.9	46	-11.1	QP
		H	507.7	34.7	-3.1	31.6	46	-14.4	QP
		H	3482.0	55.2	-17.4	37.8	54(Note)	-16.2	PK
		H	4844.0	55.1	-14.2	40.9	54(Note)	-13.1	PK
		V	7266.0	52.3	-6.2	46.1	54(Note)	-7.9	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	72.3	30.4	102.7	Fundamental	/	PK
		H	300.1	41.8	-8.1	33.7	46	-12.3	QP
		H	342.3	39.7	-7.0	32.7	46	-13.3	QP
		V	3482.0	54.6	-17.4	37.2	54(Note)	-16.8	PK

		H	4876.0	60.5	-14.0	46.5	54(Note)	-7.5	PK
		V	7311.0	52.2	-6.0	46.2	54(Note)	-7.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	9	H	2459.0	71.8	30.4	102.2	Fundamental	/	PK
		H	338.4	44.7	-7.2	37.5	46	-8.5	QP
		H	368.5	42.6	-6.1	36.5	46	-9.5	QP
		V	3482.0	54.8	-17.4	37.4	54(Note)	-16.6	PK
		H	4904.0	55.6	-13.9	41.7	54(Note)	-12.3	PK
		V	7356.0	53.0	-5.9	47.1	54(Note)	-6.9	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	151	H	5757.2	72.0	30.5	102.5	Fundamental	/	PK
		H	368.5	38.2	-6.1	32.1	46	-13.9	QP
		H	416.0	39.5	-4.5	35.0	46	-11	QP
		H	6389.0	55.8	-10.7	45.1	54(Note)	-8.9	PK
		V	11510.0	49.2	2.1	51.3	54(Note)	-2.7	PK
		V	16200.0	52.0	0.9	52.9	54(Note)	-1.1	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	159	H	5793.6	72.3	31.2	103.5	Fundamental	/	PK
		H	377.7	33.5	-5.7	27.8	46	-18.2	QP
		H	414.1	37.8	-4.5	33.3	46	-12.7	QP
		V	10384.0	51.3	1.9	53.2	54(Note)	-0.8	PK
		H	7519.5	54.6	-5.3	49.3	54(Note)	-5.7	PK
		H	11599.5	50.1	2.0	52.1	54(Note)	-1.9	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain B	3	V	2424.6	68.5	30.6	99.1	Fundamental	/	PK
		H	414.1	37.8	-4.5	33.3	46	-12.7	QP
		H	541.6	34.1	-2.2	31.9	46	-14.1	QP
		V	3482.0	55.8	-17.4	38.4	54(Note)	-15.6	PK
		H	4844.0	55.3	-14.2	41.1	54(Note)	-12.9	PK
		H	7266.0	52.5	-6.2	46.3	54(Note)	-7.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	70.3	30.6	100.9	Fundamental	/	PK
		H	369.5	41.4	-6.0	35.4	46	-10.6	QP
		H	461.1	36.5	-4.3	32.2	46	-13.8	QP
		V	3482.0	55.1	-17.4	37.7	54(Note)	-16.3	PK
		V	4874.0	54.8	-14.0	40.8	54(Note)	-13.2	PK
		V	7311.0	53.0	-6.0	47.0	54(Note)	-7.0	PK

		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	9	H	2440.7	70.1	30.5	100.6	Fundamental	/	PK
		H	582.4	34.5	-1.6	32.9	46	-13.1	QP
		H	633.3	34.1	-1.3	32.8	46	-13.2	QP
		H	3482.0	56.0	-17.4	38.6	54(Note)	-15.4	PK
		V	4904.0	55.0	-13.9	41.1	54(Note)	-12.9	PK
		H	7356.0	52.9	-5.9	47.0	54(Note)	-7.0	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	151	H	5757.2	72.7	30.5	103.3	Fundamental	/	PK
		H	377.7	33.5	-5.7	27.8	46	-18.2	QP
		H	414.1	37.8	-4.5	33.3	46	-12.7	QP
		H	6389.0	55.2	-10.7	44.5	54(Note)	-9.5	PK
		V	11510.0	49.0	2.1	51.1	54(Note)	-2.9	PK
		V	16200.0	51.5	0.9	52.4	54(Note)	-1.6	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	159	H	5793.6	70.6	31.2	101.9	Fundamental	/	PK
		H	542.1	34.2	-2.2	32.0	46	-14.0	QP
		H	633.3	32.6	-1.3	31.3	46	-14.7	QP
		V	10384.0	51.3	1.9	53.2	54(Note)	-0.8	PK
		H	7519.5	54.6	-5.3	49.3	54(Note)	-5.7	PK
		H	11599.5	51.6	2.0	53.6	54(Note)	-0.4	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
Chain A+B	3	H	2430.2	73.5	30.6	104.1	Fundamental	/	PK
		H	461.1	35.3	-4.3	31.0	46	-15.0	QP
		H	507.2	33.9	-3.1	30.8	46	-15.2	QP
		V	3482.0	55.6	-17.4	38.2	54(Note)	-15.8	PK
		H	4944.0	57.9	-14.0	43.9	54(Note)	-10.1	PK
		V	7266.0	53.2	-6.2	47.0	54(Note)	-7.0	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	6	H	2437.0	73.2	30.5	103.7	Fundamental	/	PK
		H	368.5	42.8	-6.1	36.7	46	-9.3	QP
		H	416.0	40.2	-4.5	35.7	46	-10.3	QP
		H	3482.0	54.6	-17.4	37.2	54(Note)	-16.8	PK
		V	4874.0	55.1	-14.0	41.1	54(Note)	-12.9	PK
		V	7311.0	52.2	-6.0	46.2	54(Note)	-7.8	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	9	H	2447.4	73.4	30.5	103.9	Fundamental	/	PK

		H	599.8	30.9	-1.5	29.4	46	-16.6	QP
		H	666.8	25.1	-1.0	24.1	46	-21.9	QP
		H	3482.0	55.6	-17.4	38.2	54(Note)	-15.8	PK
		H	4904.0	55.6	-13.9	41.7	54(Note)	-12.3	PK
		H	7356.0	52.5	-5.9	46.6	54(Note)	-7.4	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK
	151	H	5757.2	72.1	30.5	102.6	Fundamental	/	PK
		H	381.6	37.0	-5.6	31.4	46	-14.6	QP
		H	412.6	38.6	-4.5	34.1	46	-11.9	QP
		H	6389.0	55.2	-10.7	44.5	54(Note)	-9.5	PK
		V	11510.0	50.5	2.1	52.6	54(Note)	-2.4	PK
		V	16200.0	51.5	0.9	52.4	54(Note)	-1.6	PK
		H	24000.0	59.6	-8.9	50.7	54(Note)	-3.3	PK
	159	H	5793.6	71.9	31.2	103.1	Fundamental	/	PK
		H	291.9	38.5	-8.3	30.2	46	-15.8	QP
		H	321.9	41.8	-7.4	34.4	46	-11.6	QP
		V	10384.0	51.3	1.9	53.2	54(Note)	-0.8	PK
		H	7519.5	55.6	-5.3	50.3	54(Note)	-3.7	PK
		H	11599.5	50.3	2.0	52.3	54(Note)	-1.7	PK
		H	24000.0	59.1	-8.9	50.2	54(Note)	-3.8	PK

Note : This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

5. RF Antenna Conducted Spurious

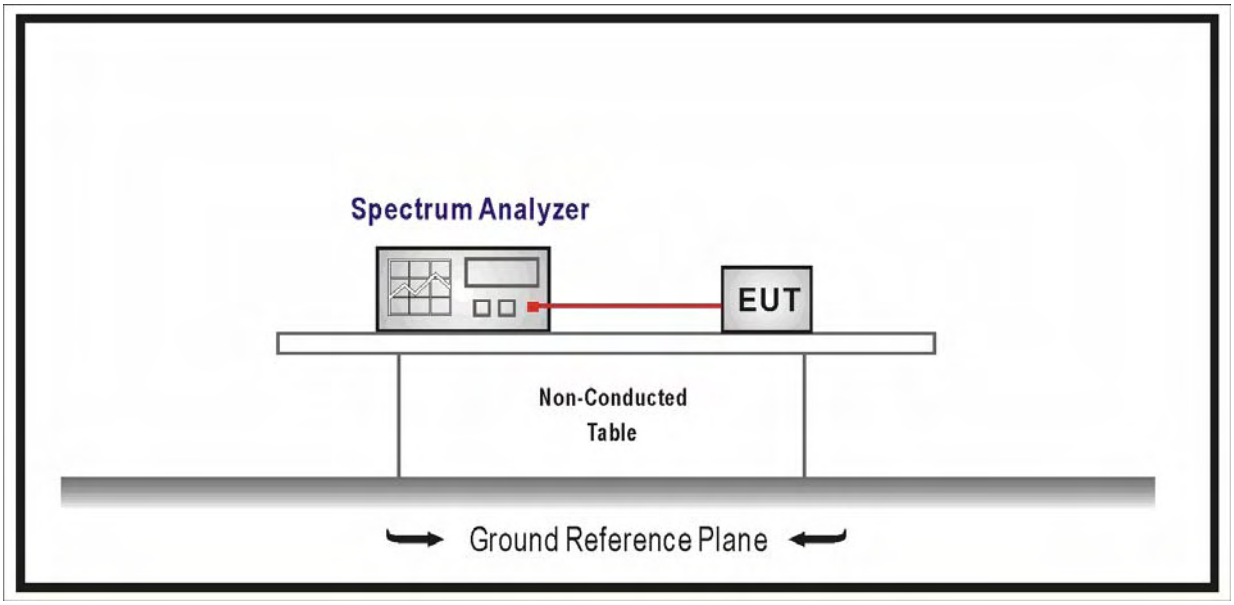
5.1. Test Equipment

RF Antenna Conducted Spurious / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2010.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2010.01.14

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

5.2. Test Setup



5.3. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

5.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

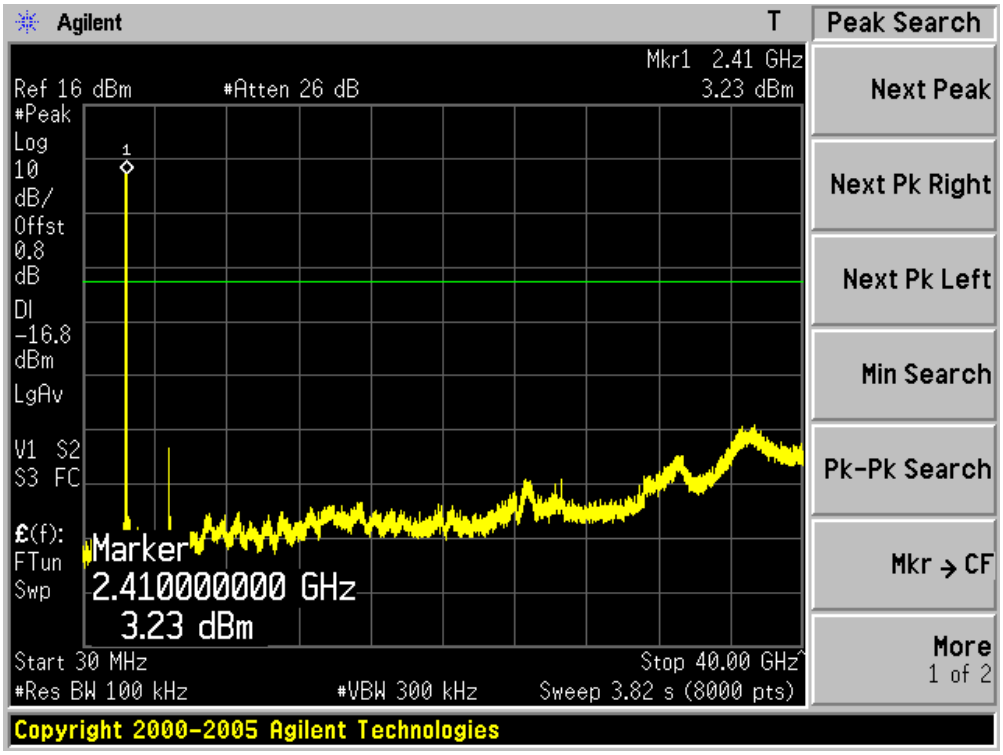
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

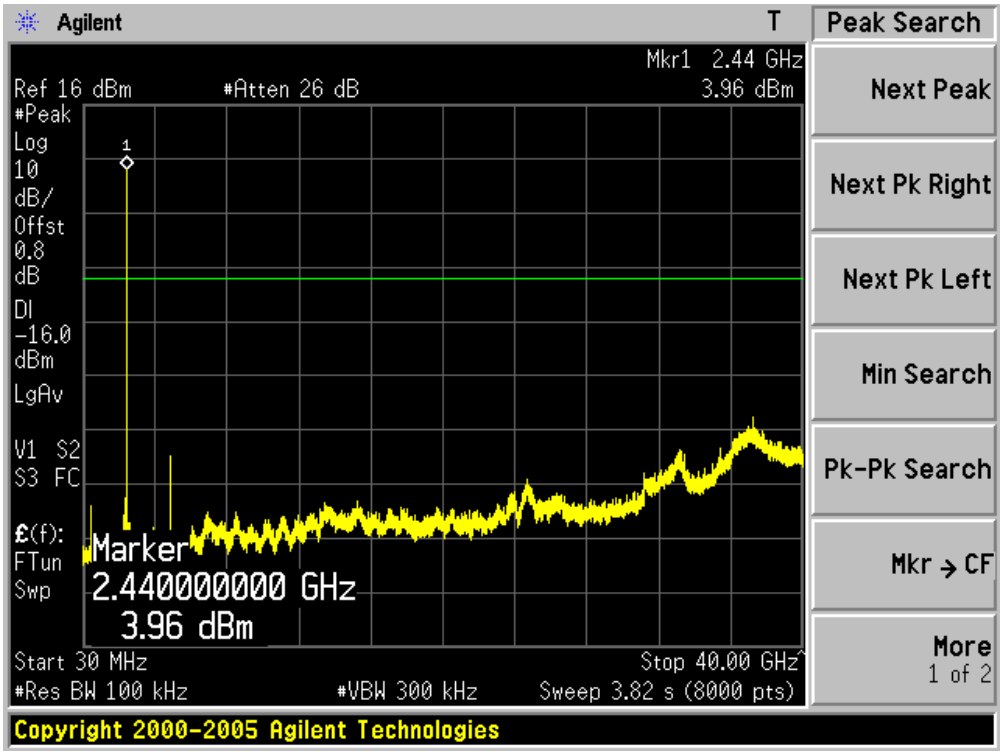
5.6. Test Result

Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain A)

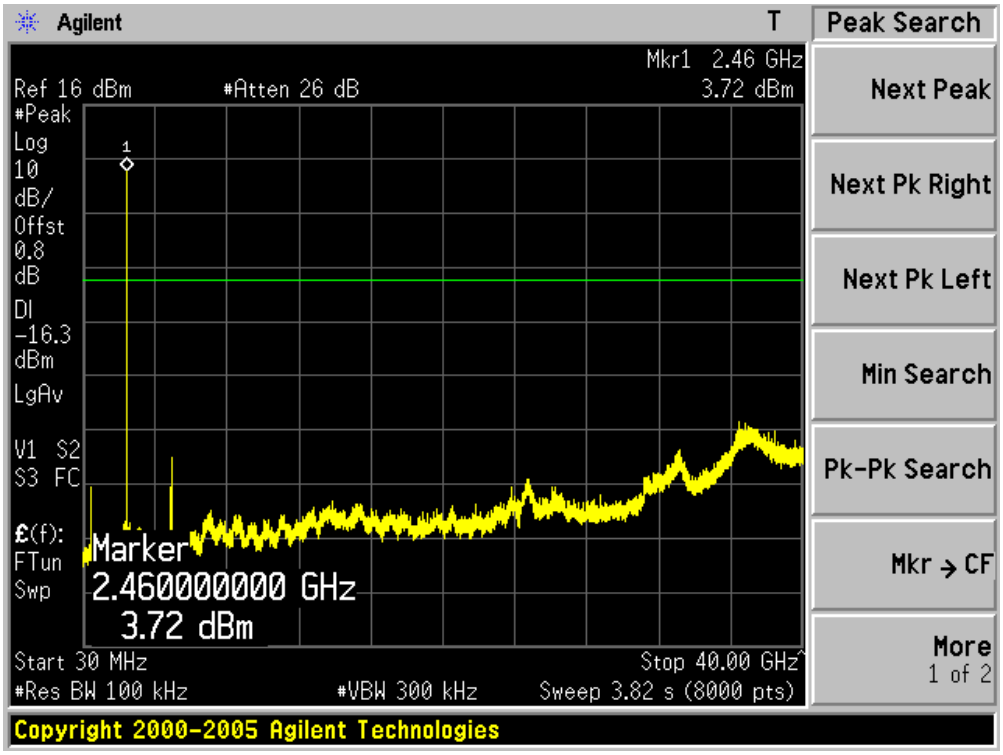
Channel 01 (2412MHz)



Channel 06 (2437MHz)

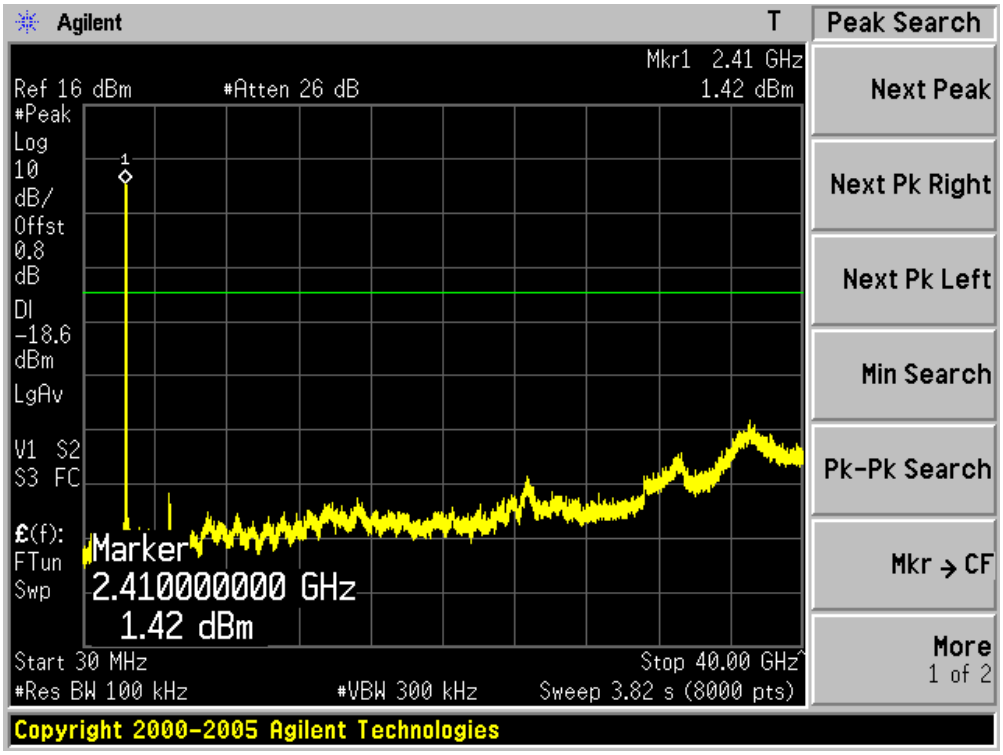


Channel 11 (2462MHz)

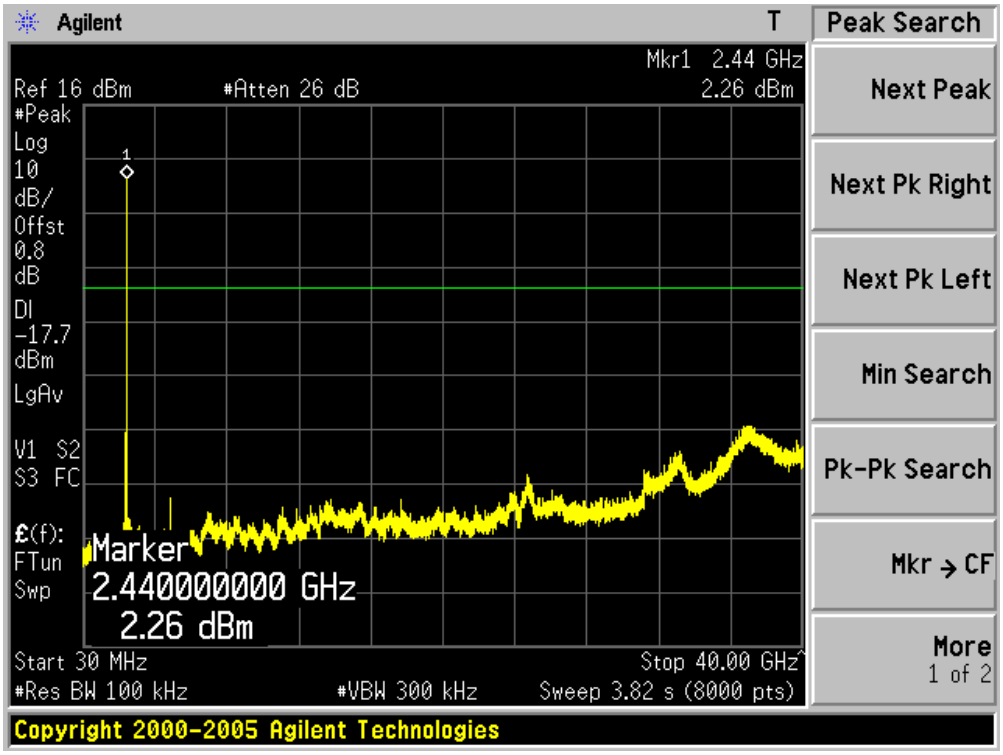


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain A)

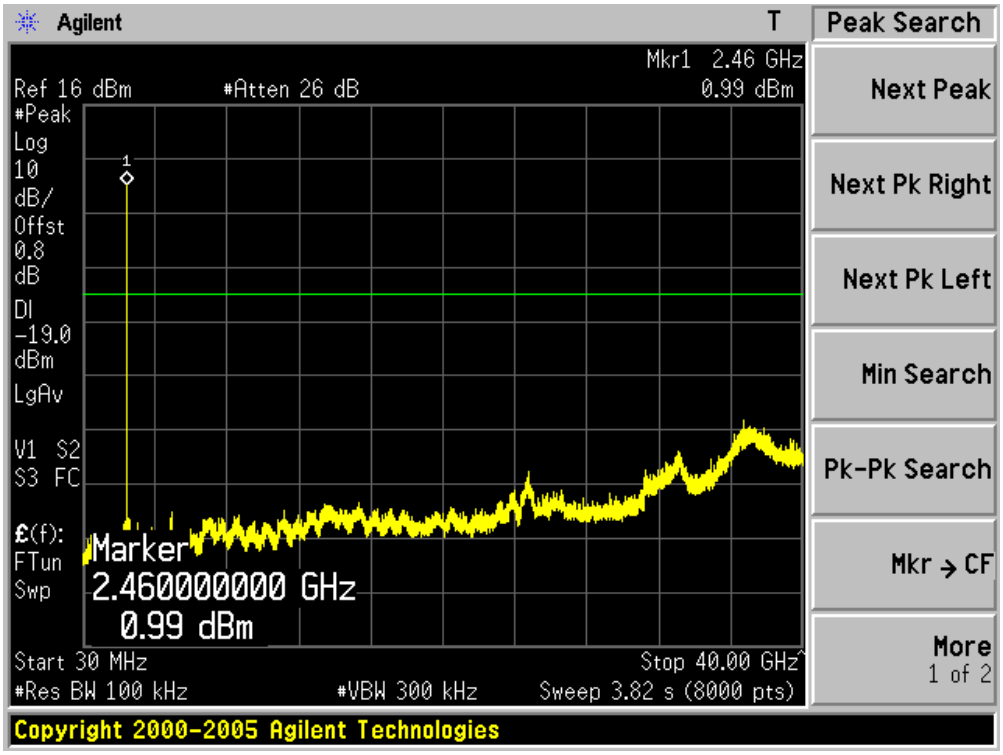
Channel 01 (2412MHz)



Channel 06 (2437MHz)

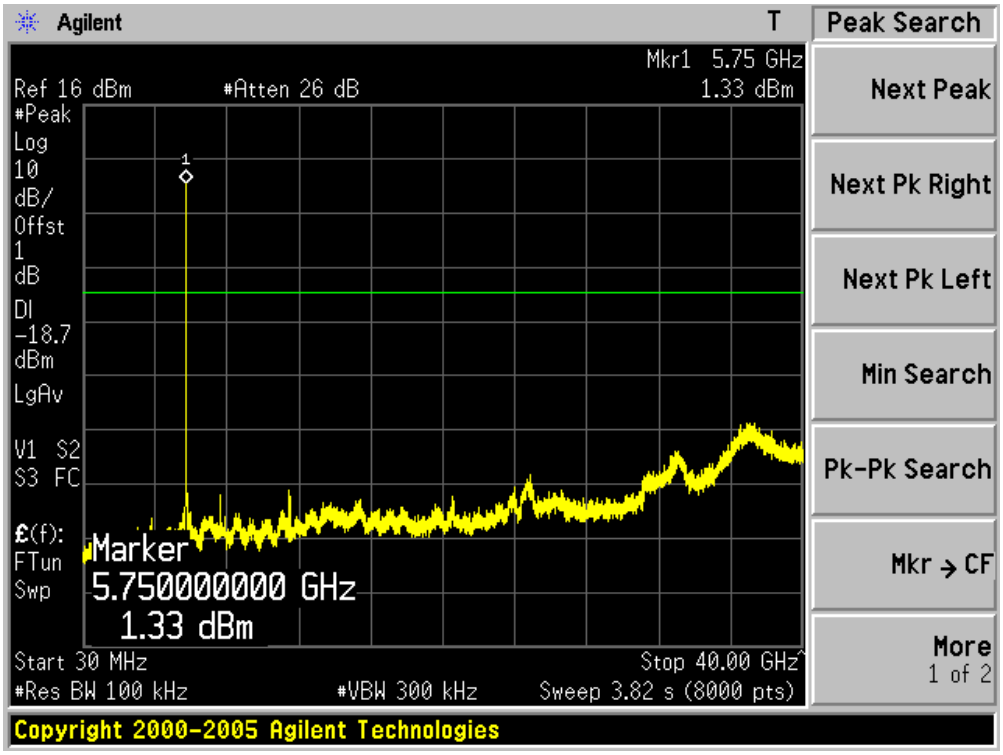


Channel 11 (2462MHz)

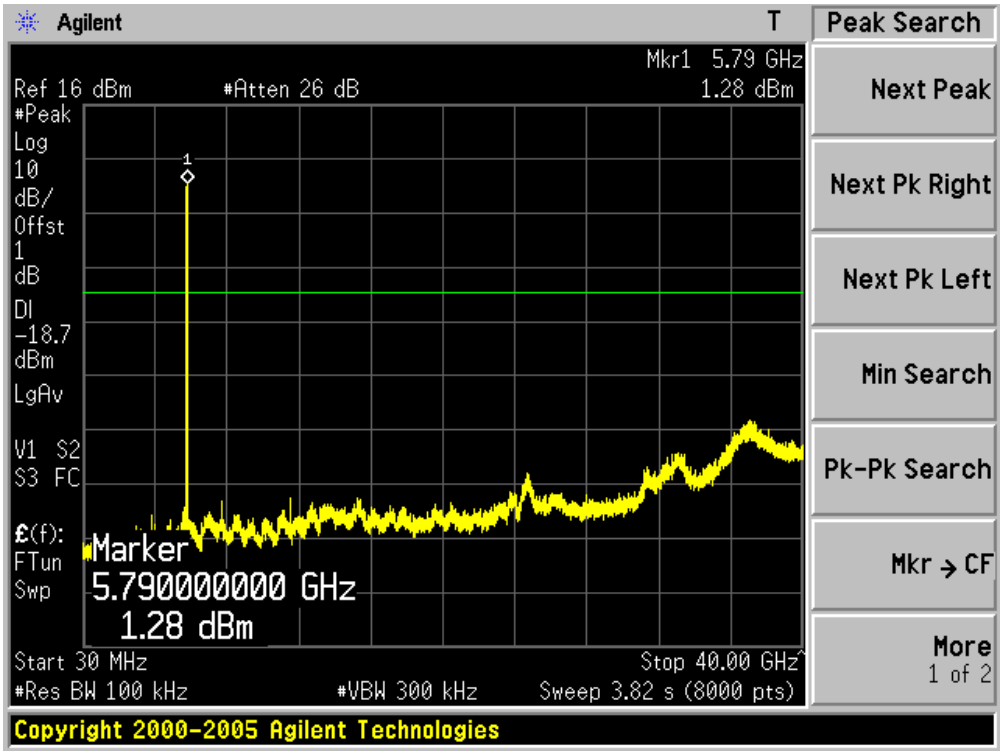


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain A)

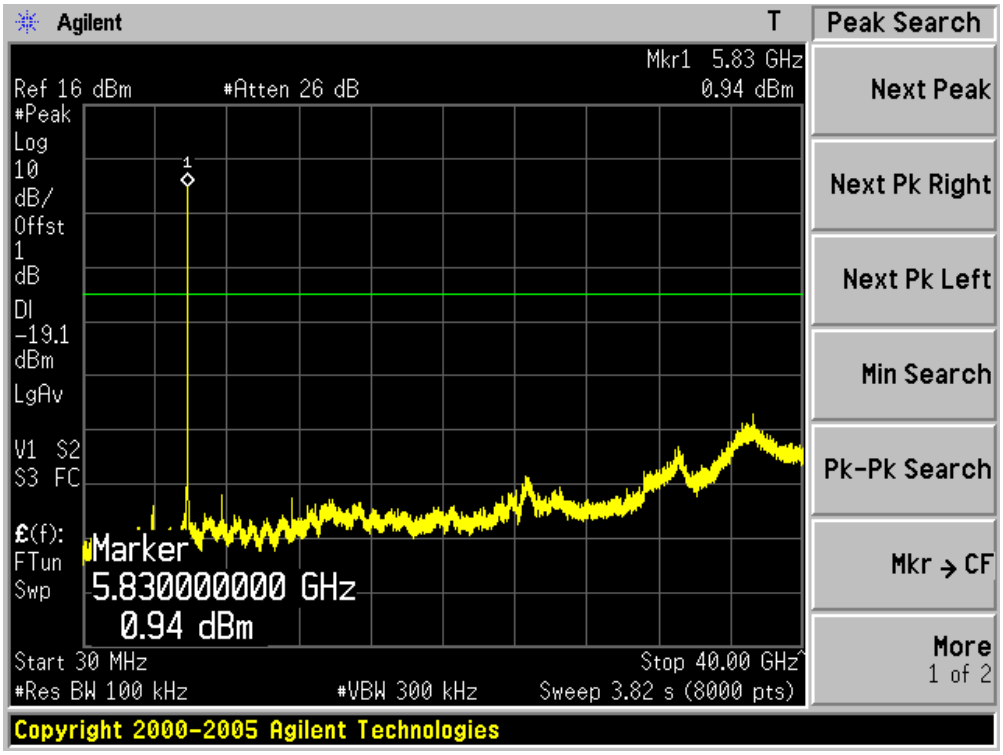
Channel 149 (5745MHz)



Channel 157 (5785MHz)

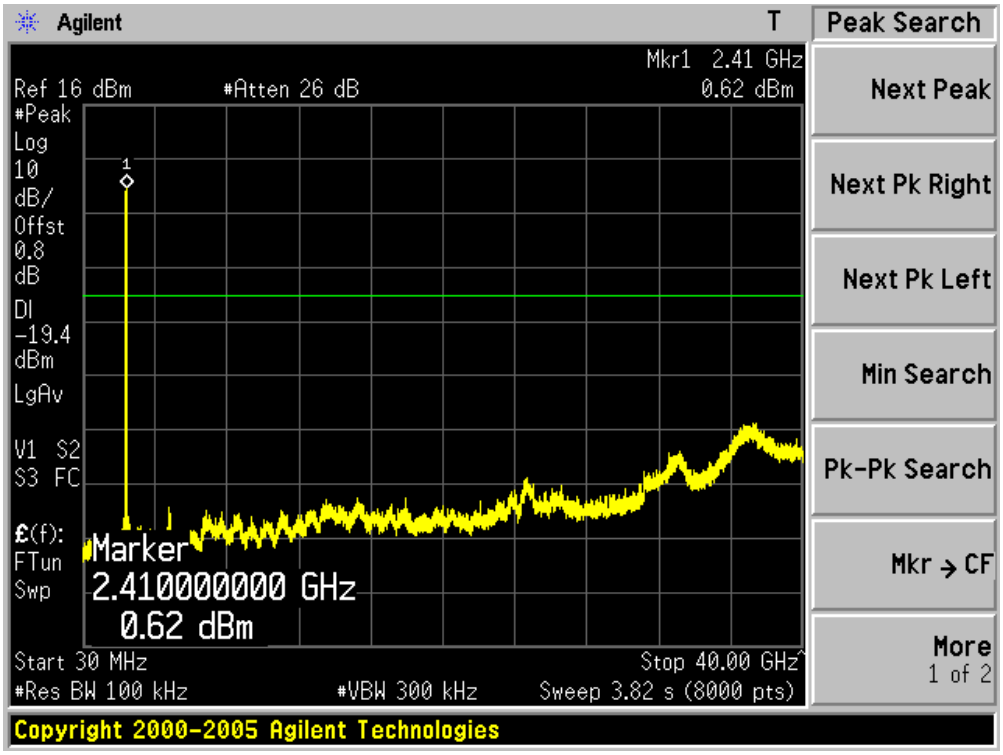


Channel 165 (5825MHz)

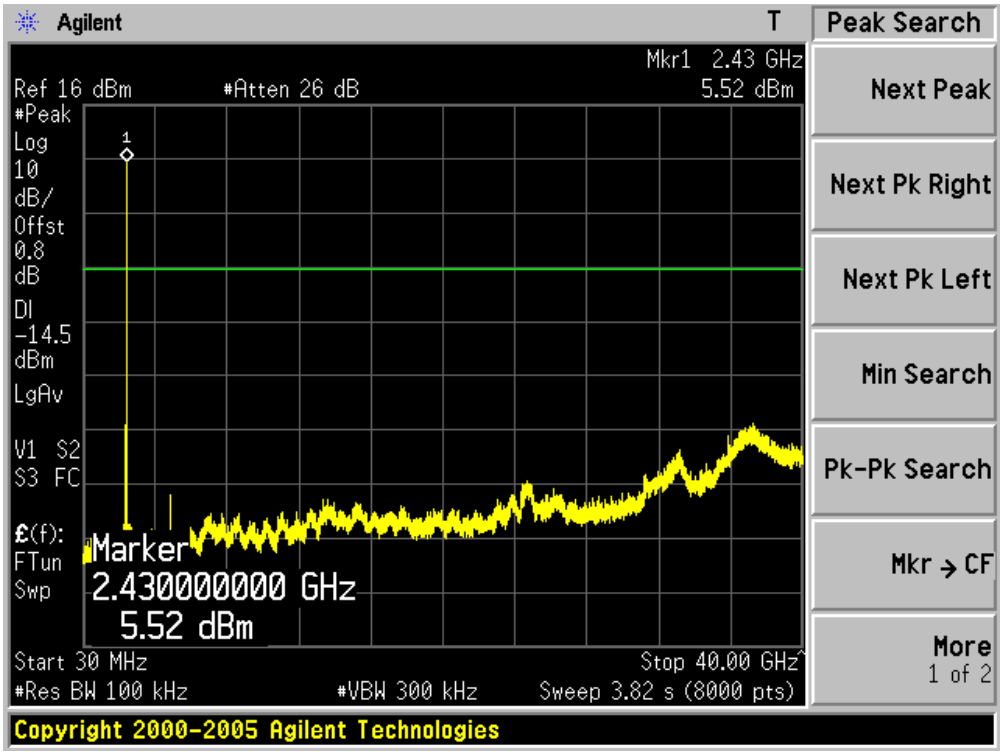


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz)(Chain A)

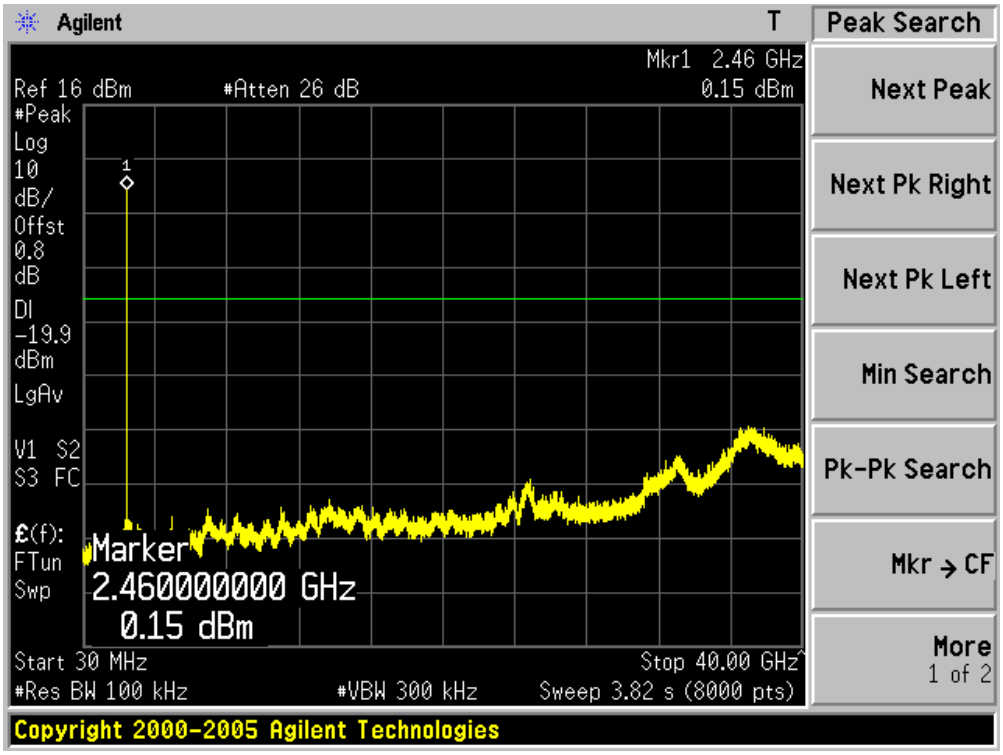
Channel 01 (2412MHz)



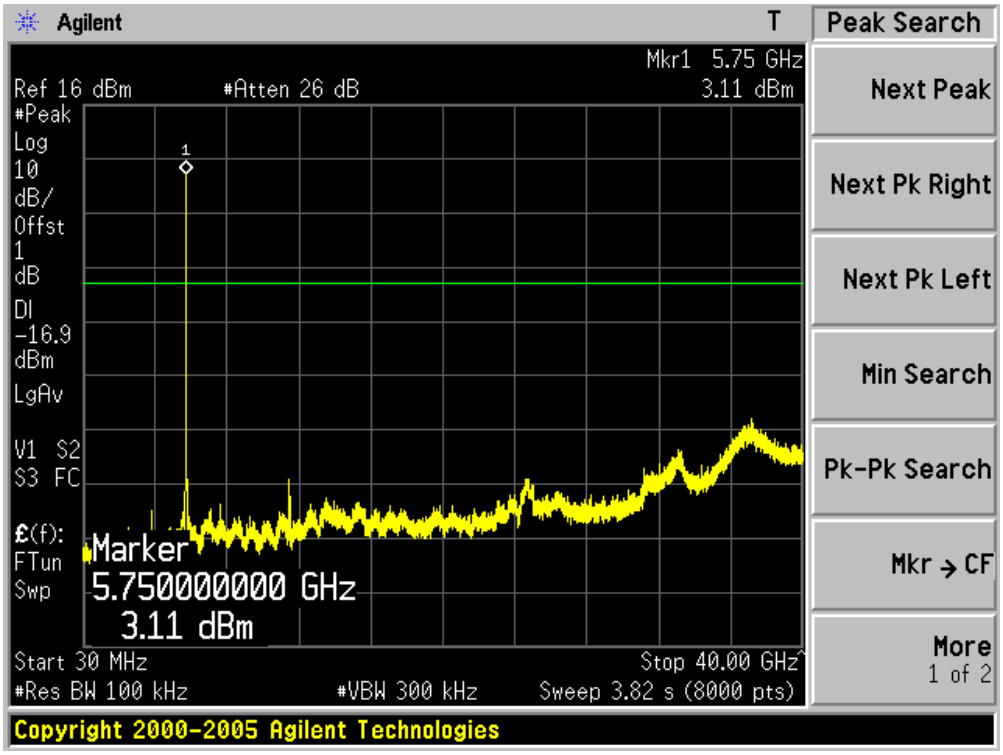
Channel 06 (2437MHz)



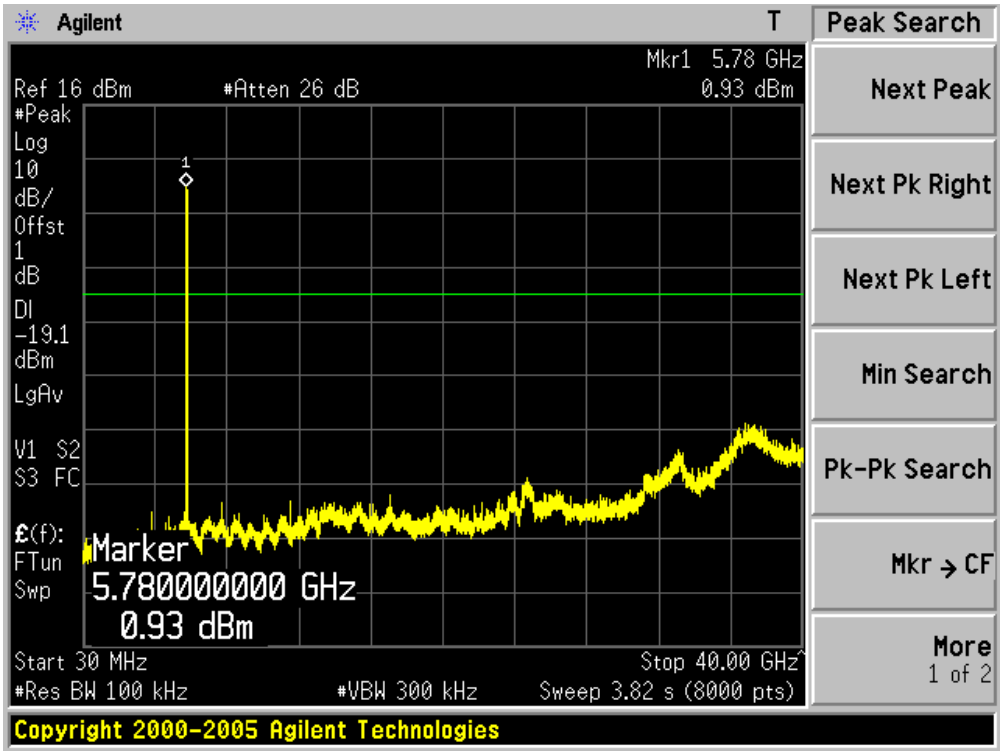
Channel 11 (2462MHz)



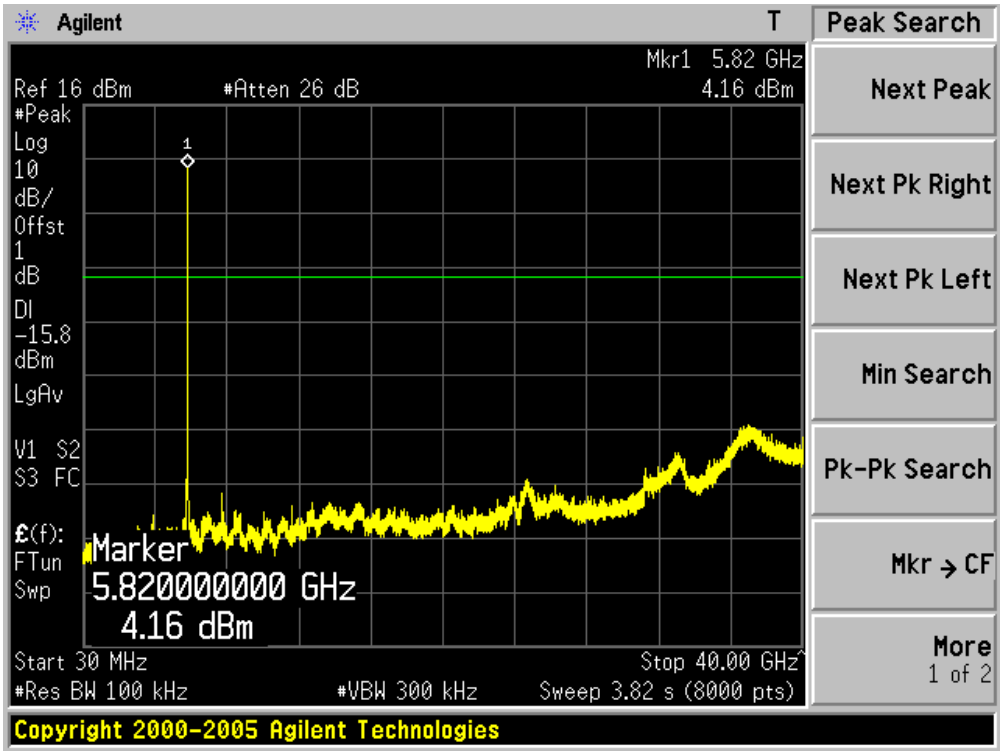
Channel 149 (5745MHz)



Channel 157 (5785MHz)

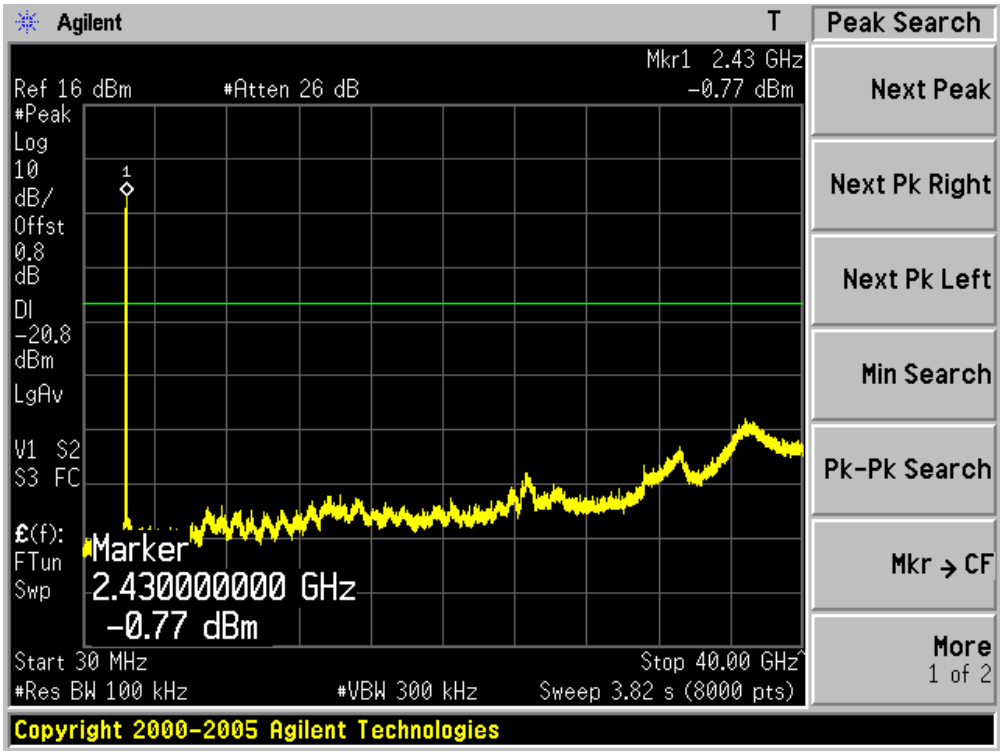


Channel 165 (5825MHz)

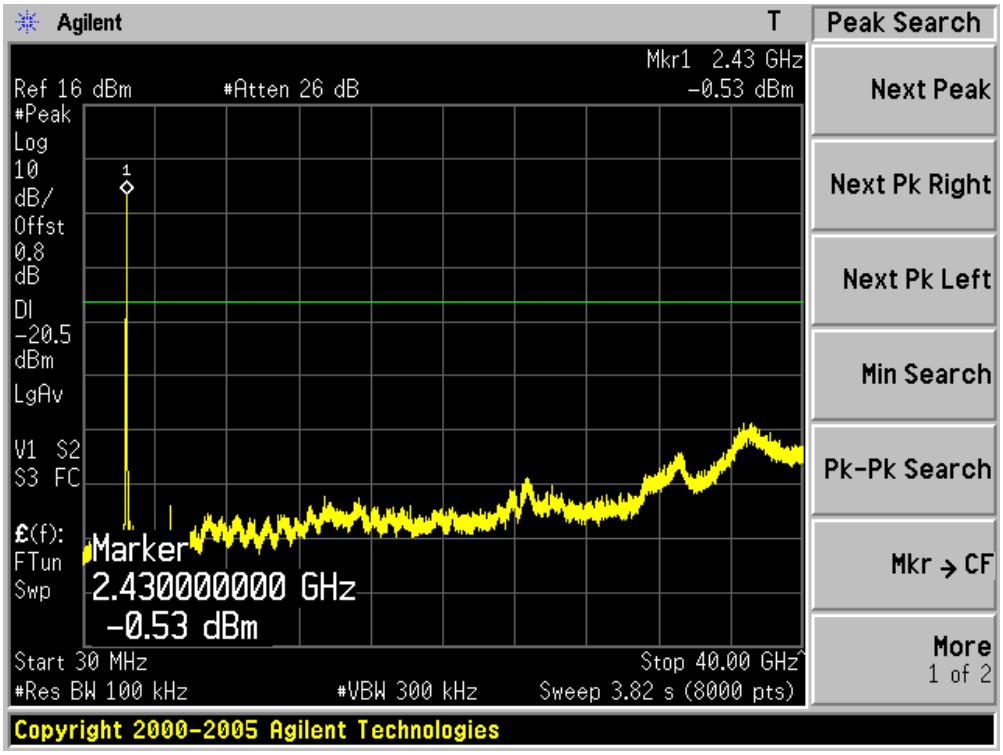


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A)

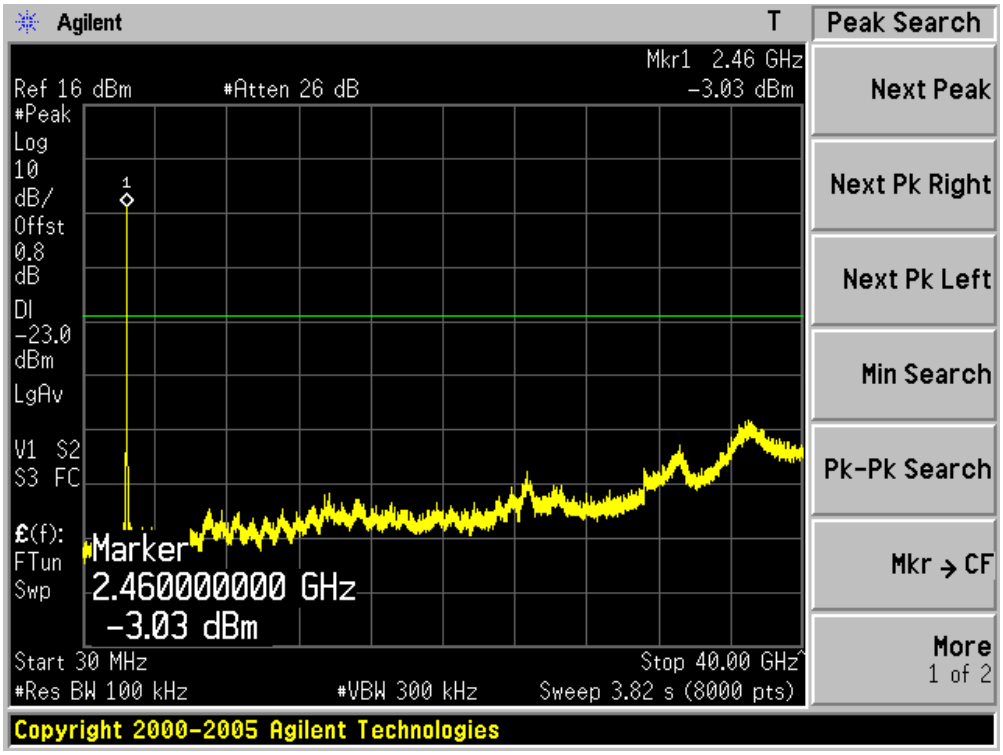
Channel 03 (2422MHz)



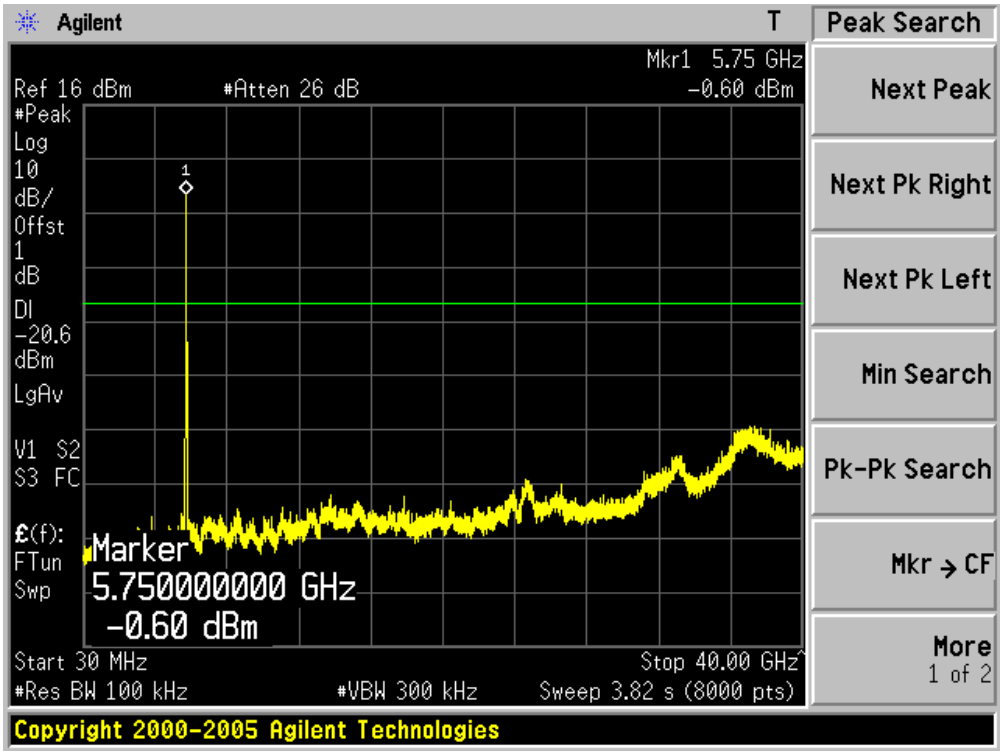
Channel 06 (2437MHz)



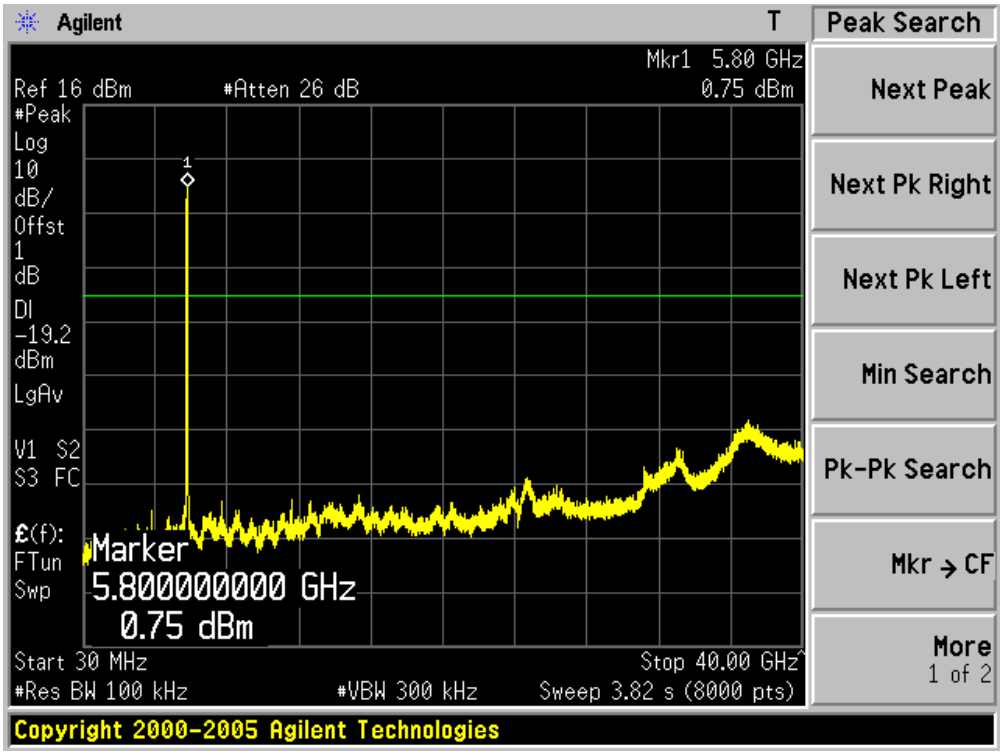
Channel 09 (2452MHz)



Channel 151 (5755MHz)

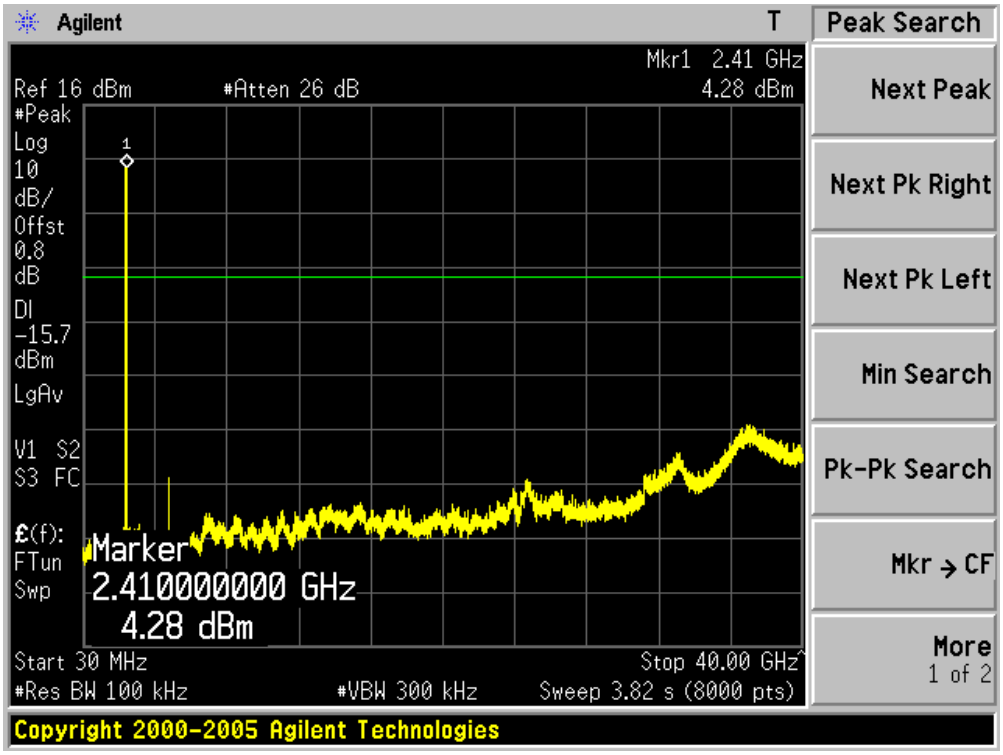


Channel 159 (5795MHz)

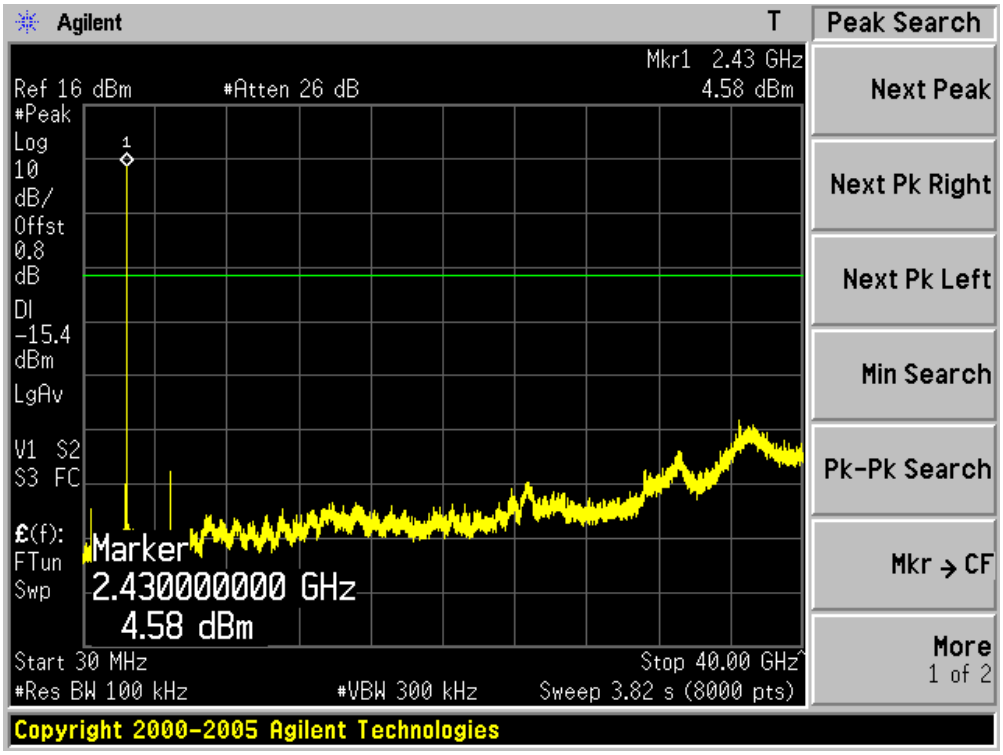


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain B)

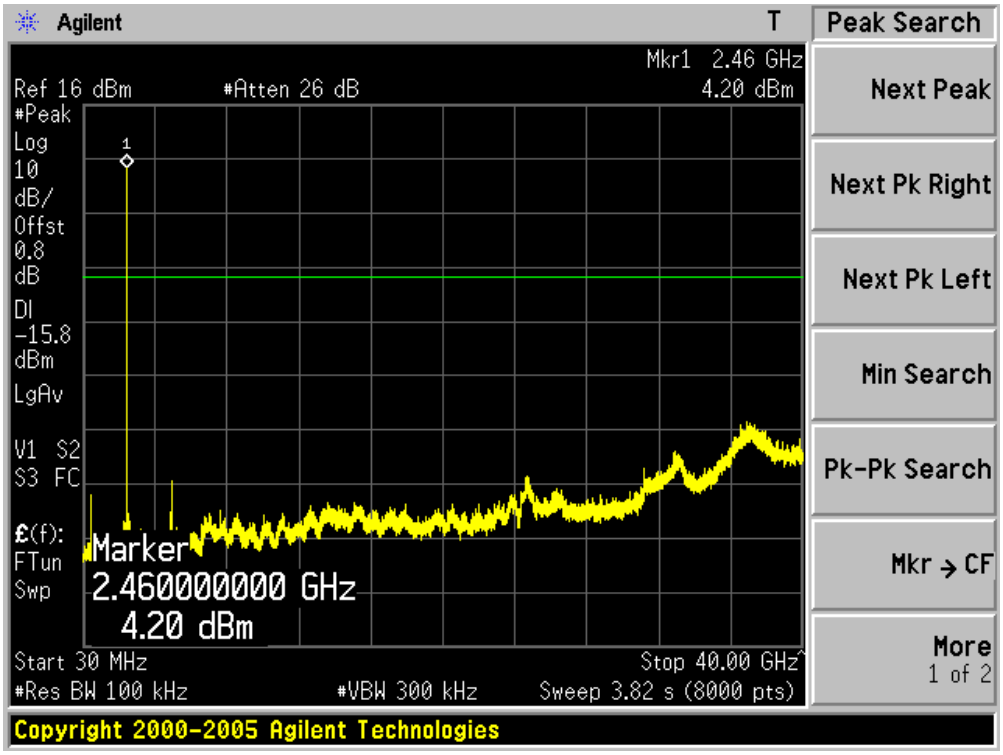
Channel 01 (2412MHz)



Channel 06 (2437MHz)

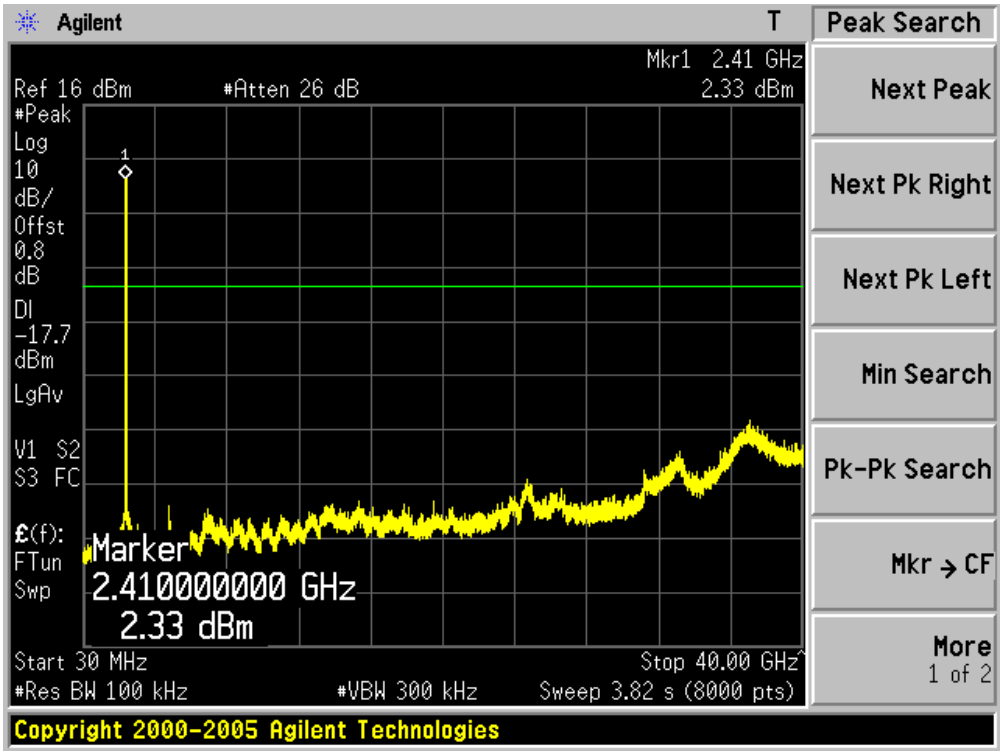


Channel 11 (2462MHz)

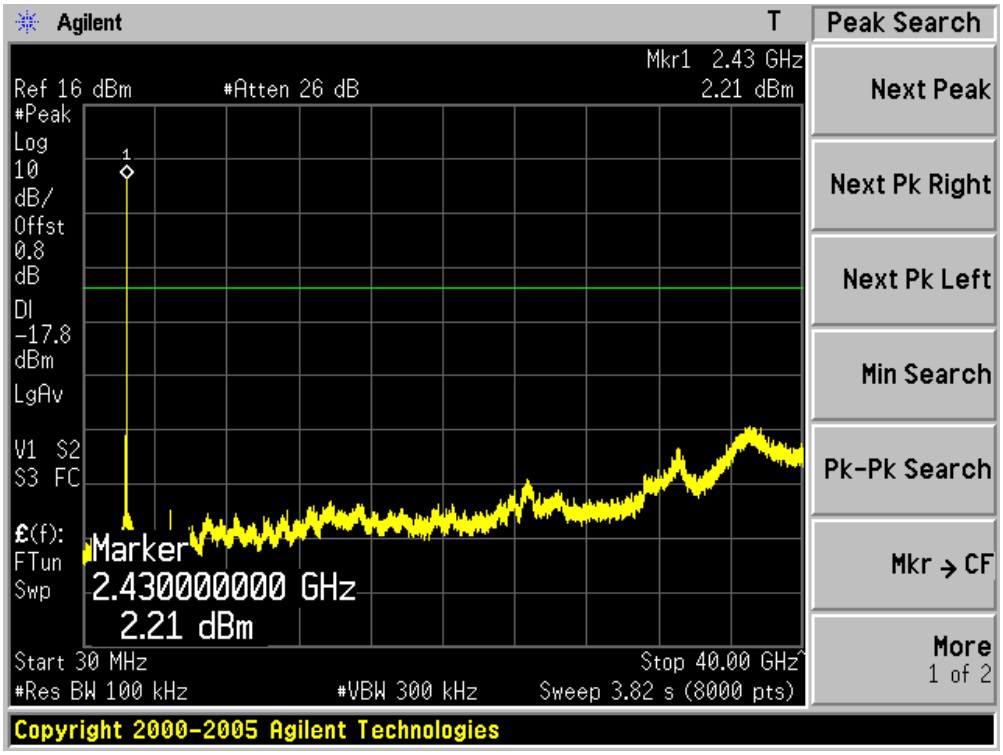


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain B)

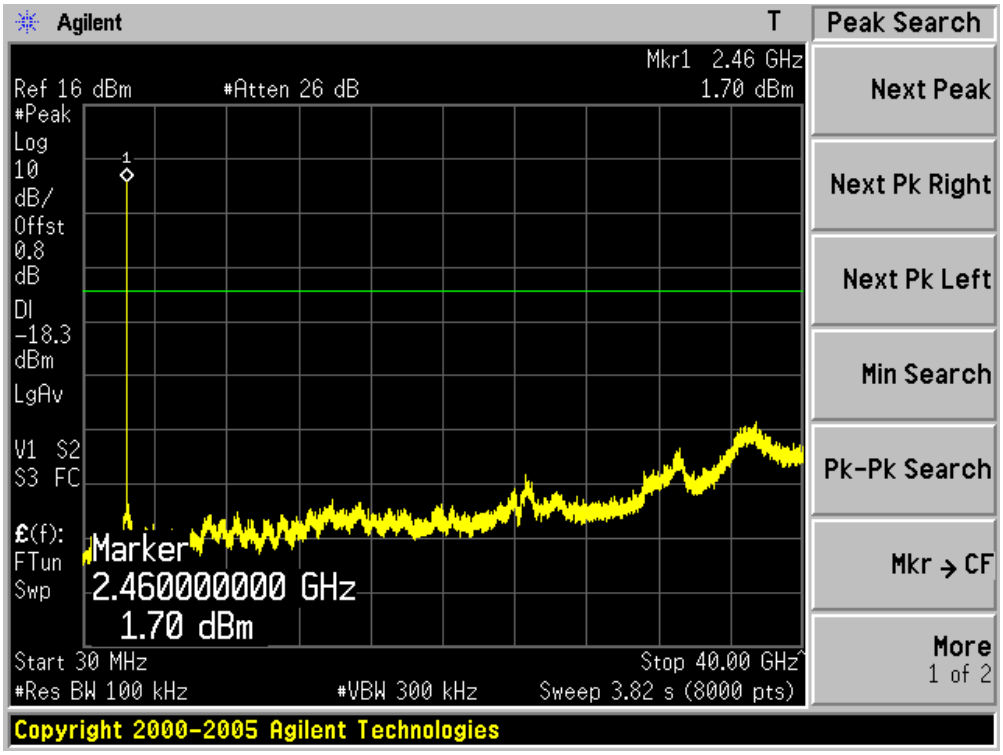
Channel 01 (2412MHz)



Channel 06 (2437MHz)

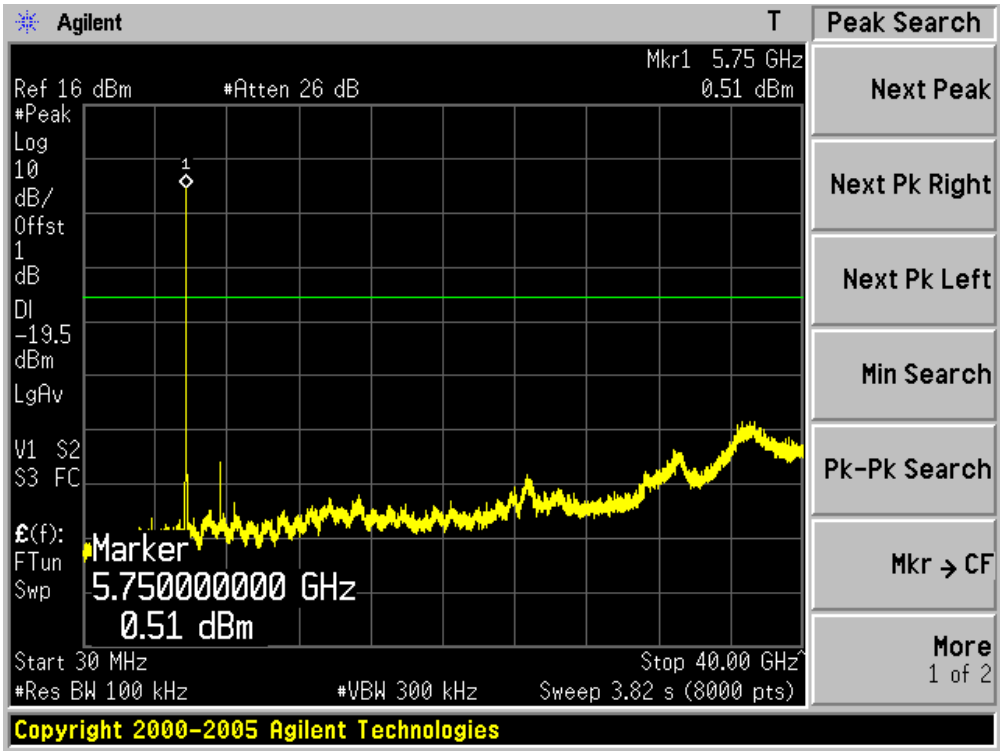


Channel 11 (2462MHz)

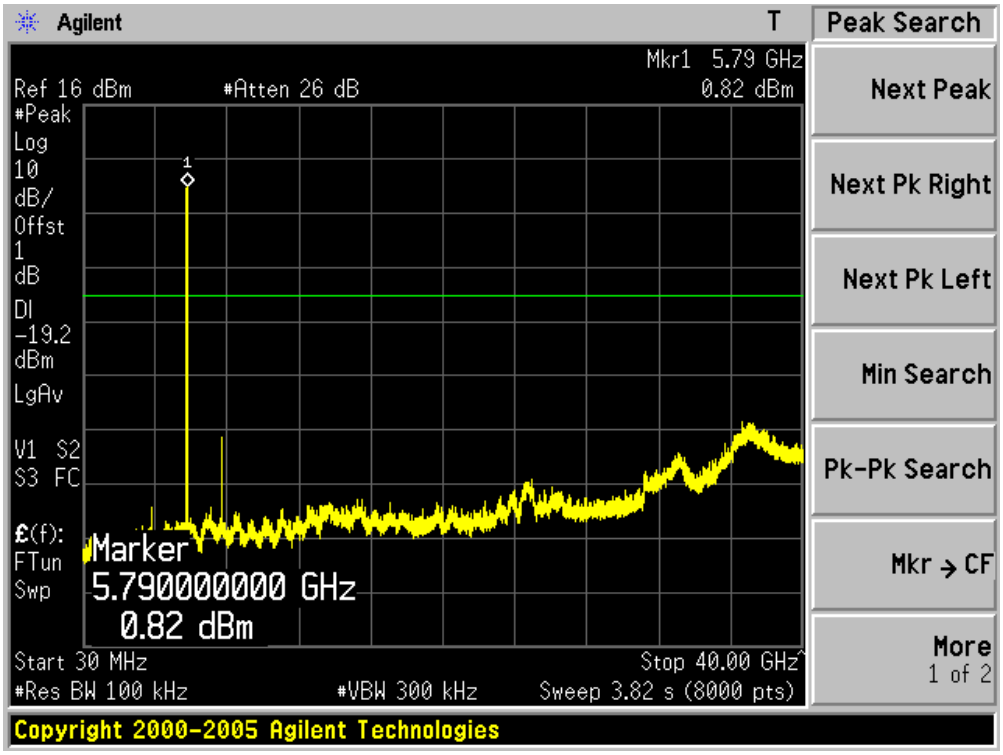


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain B)

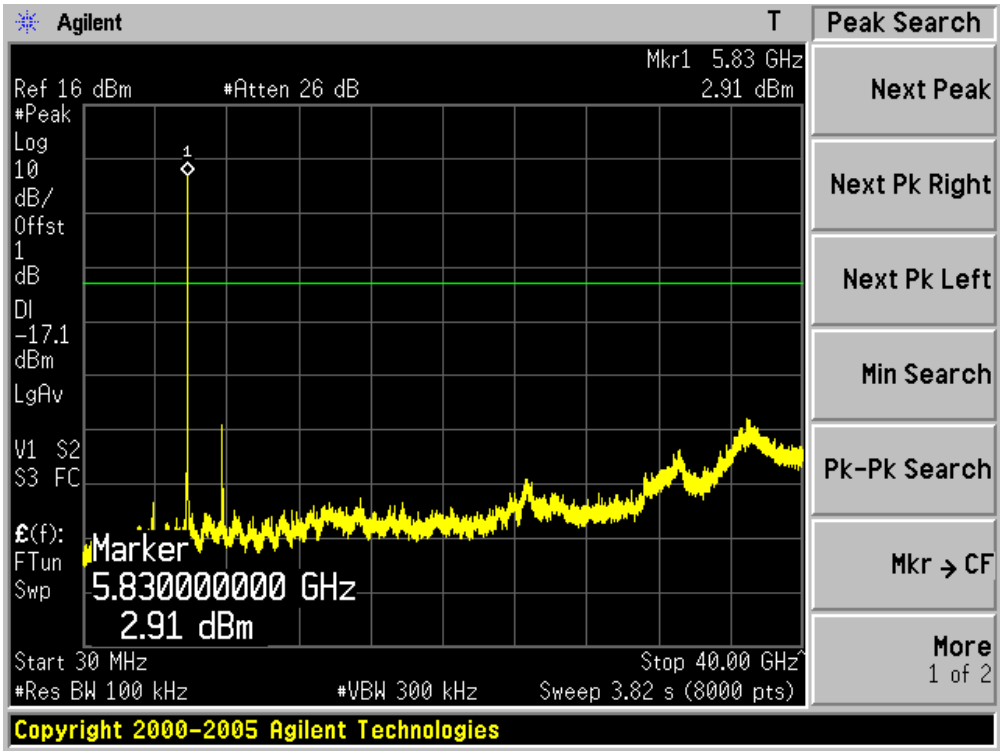
Channel 149 (5745MHz)



Channel 157 (5785MHz)

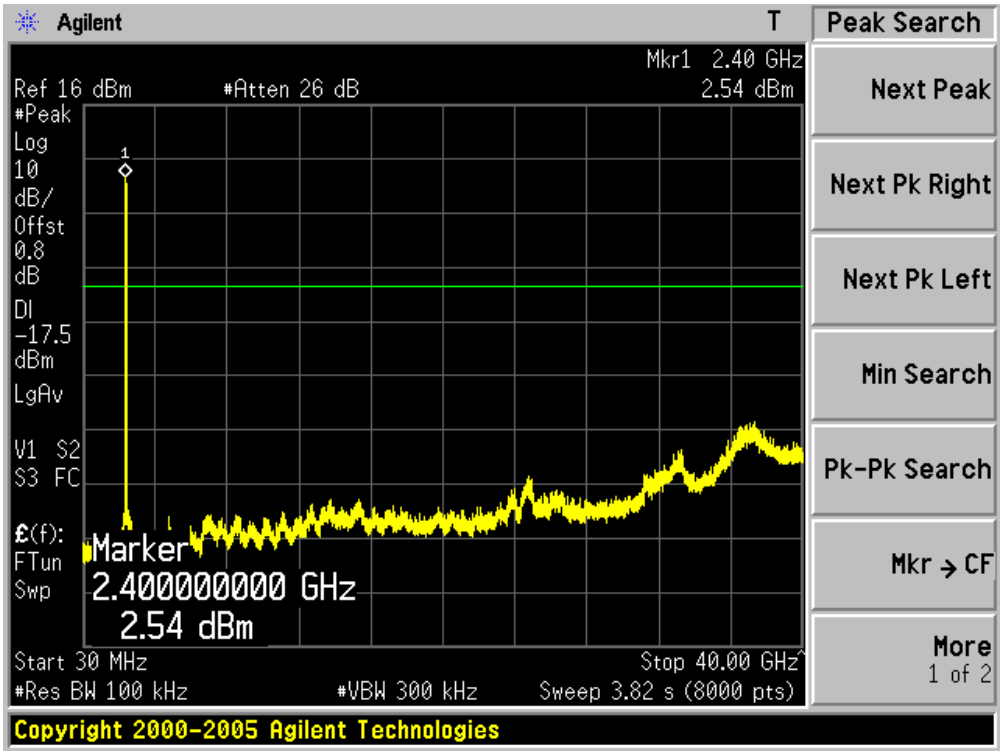


Channel 165 (5825MHz)

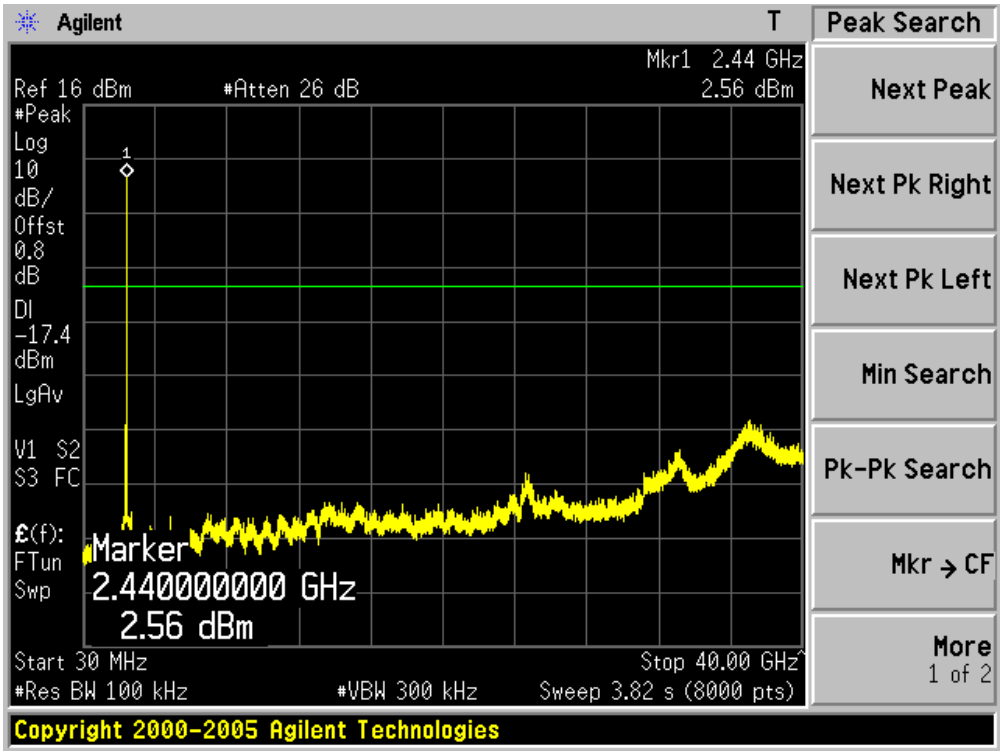


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain B)

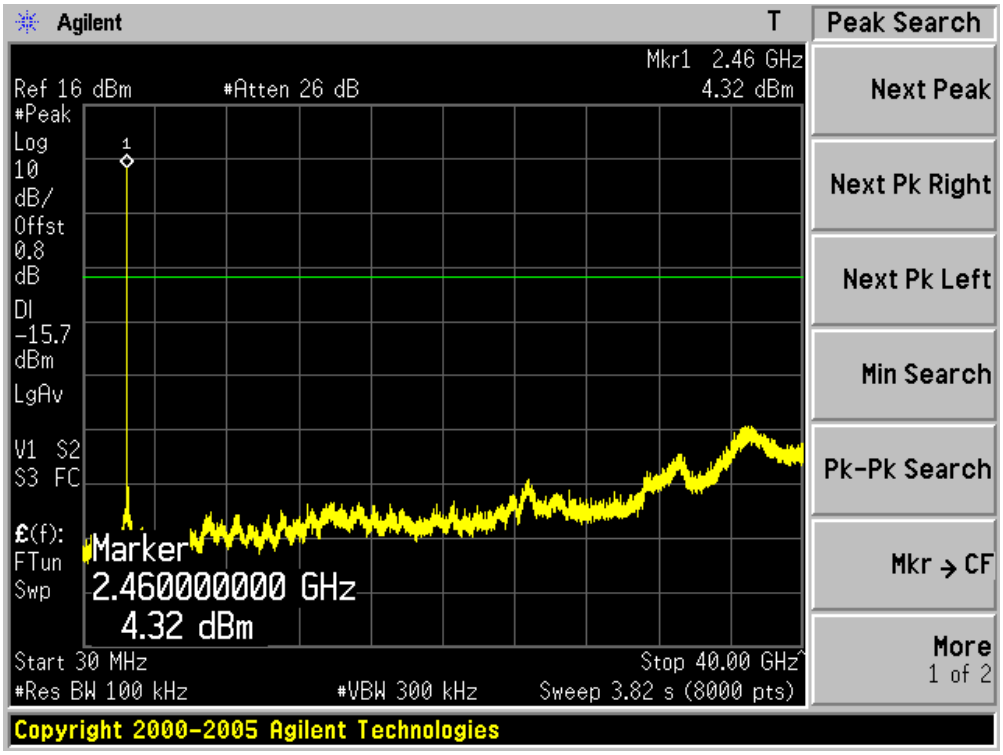
Channel 01 (2412MHz)



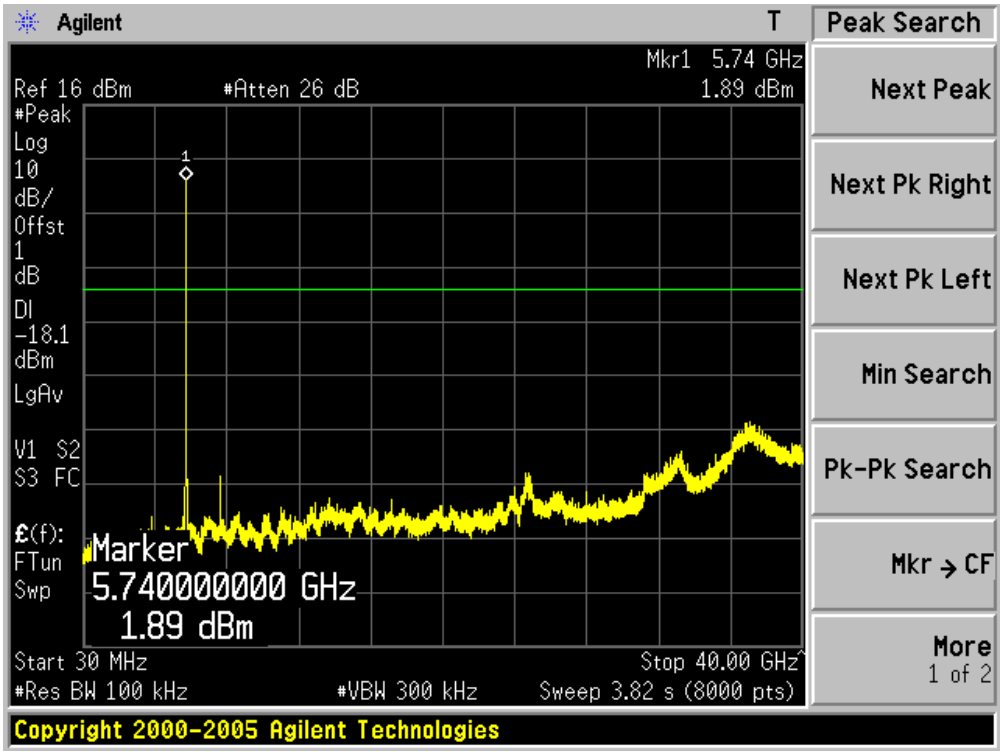
Channel 06 (2437MHz)



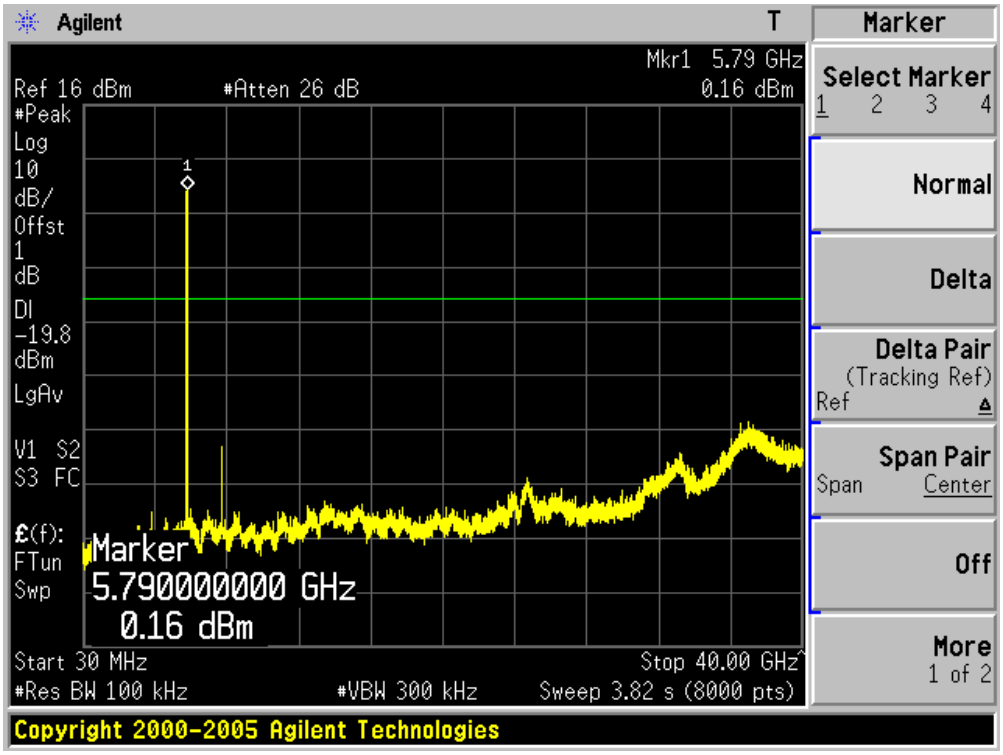
Channel 11 (2462MHz)



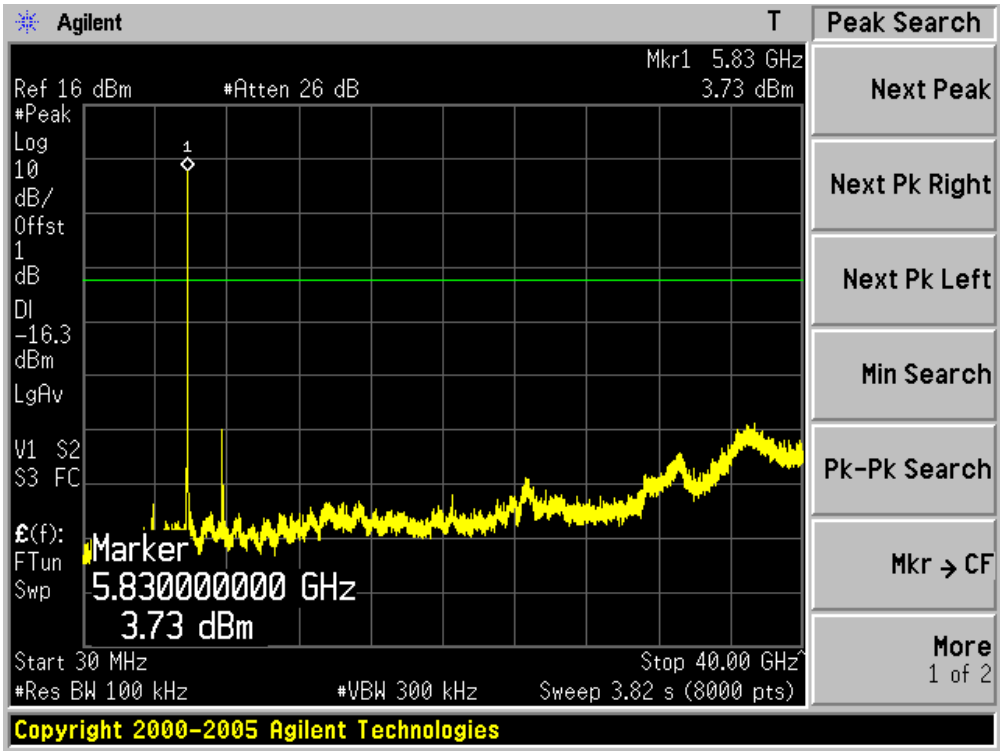
Channel 149 (5745MHz)



Channel 157 (5785MHz)

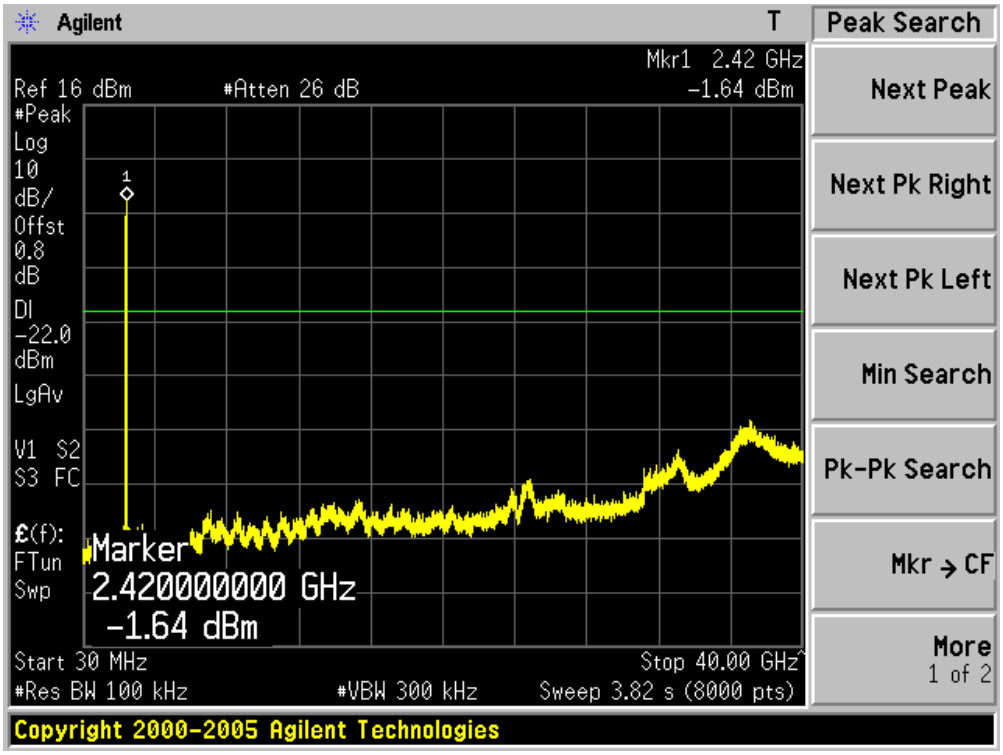


Channel 165 (5825MHz)

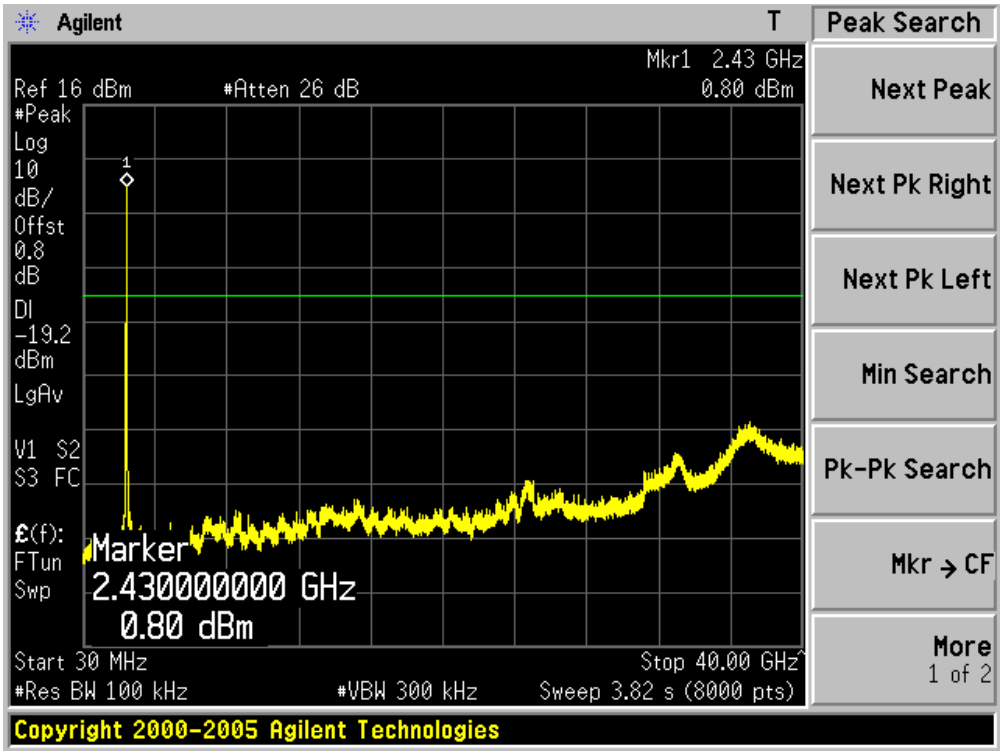


Product	:	Eee PC
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain B)

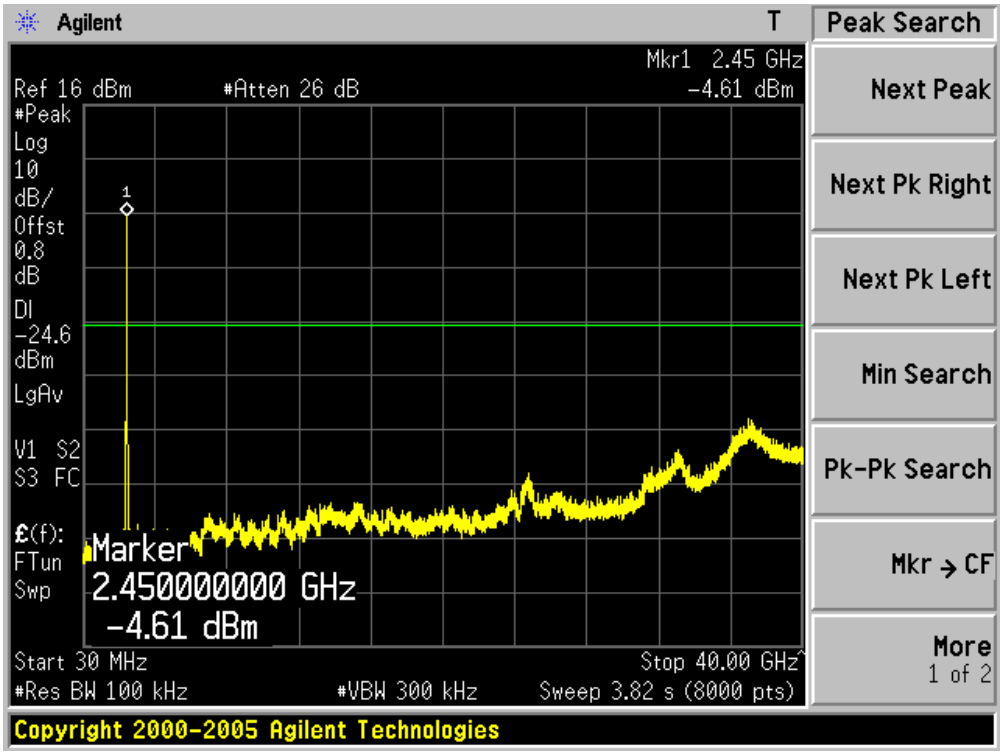
Channel 03 (2422MHz)



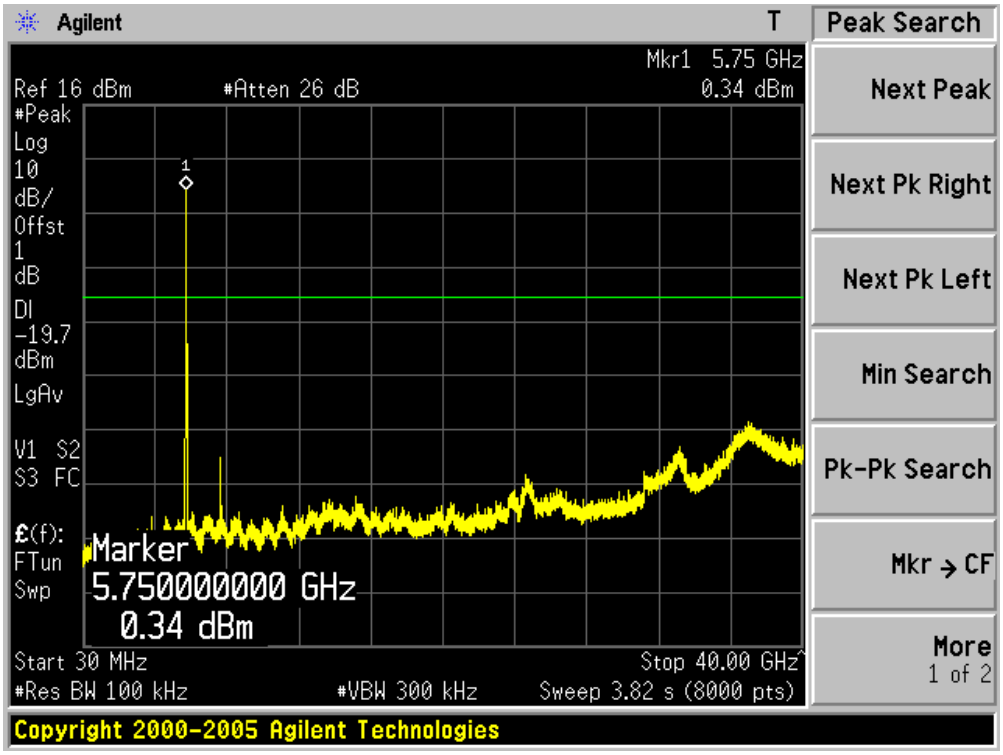
Channel 06 (2437MHz)



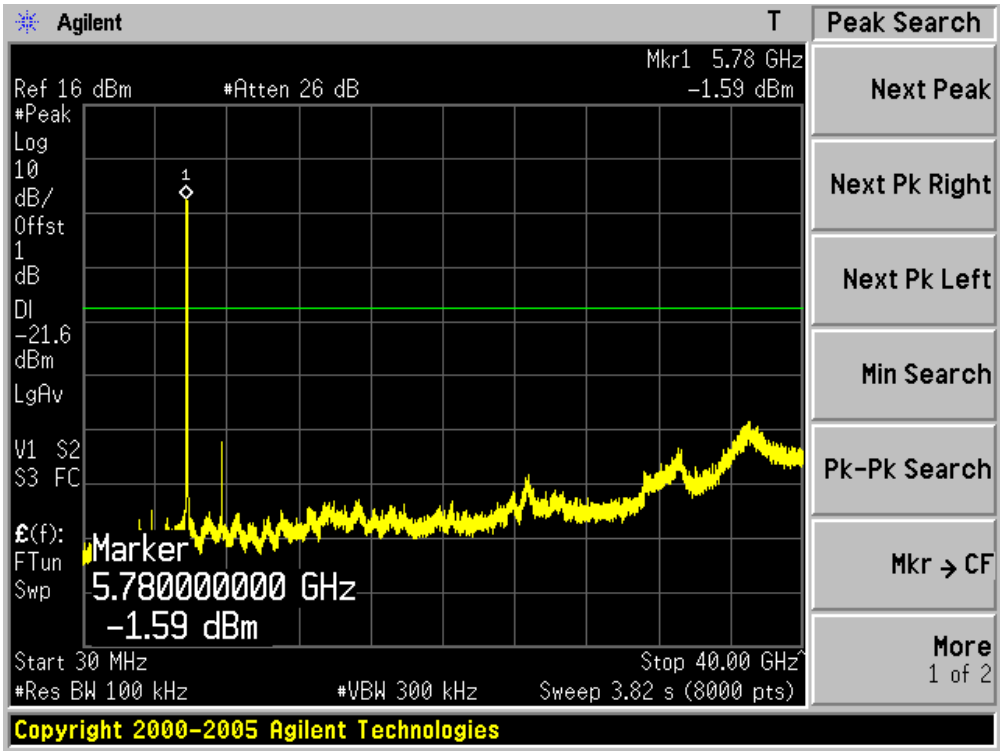
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

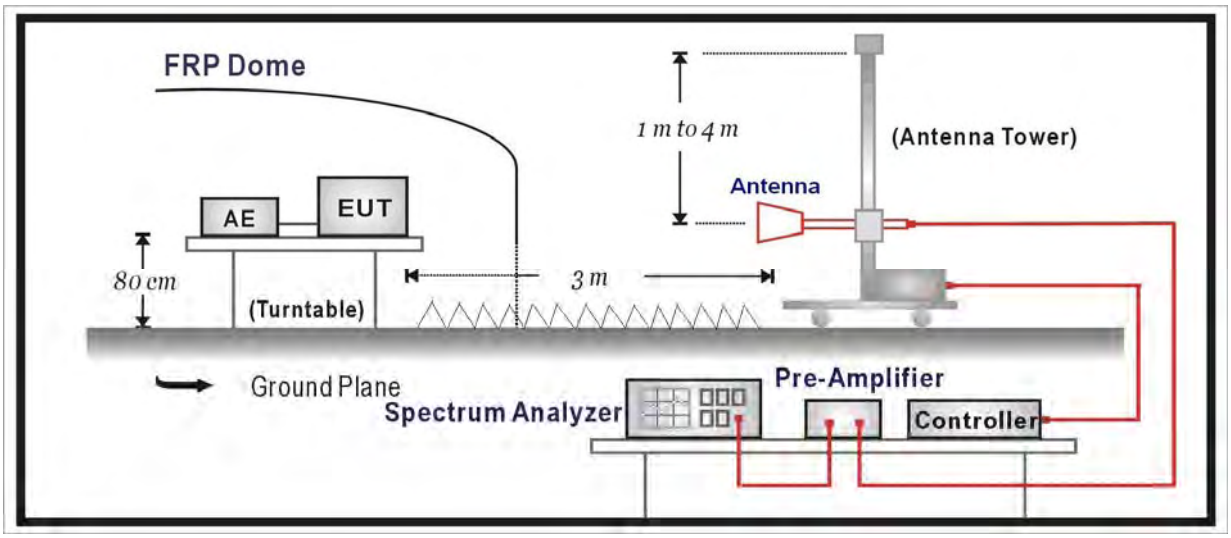
☒Radiated Emission Band Edge / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2010.04.23
EMI Test Receiver	R&S	ESCI	100573	2010.04.23
Preamplifier	Quietek	AP-025C	CHM-0511006	2010.05.05
Preamplifier	Quietek	AP-180C	CHM-0602013	2010.05.05
Bilog Type Antenna	Schaffner	CBL6112B	2932	2009.11.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	499	2010.06.11
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2010.05.05
Temperature/Humidity Meter	zhicheng	ZC1-2	AC5-TH	2010.01.14

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

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

6.2. Test Setup



6.3. Limit

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

6.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to ANSI C63.10: 2009 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: 2009 on radiated measurement.

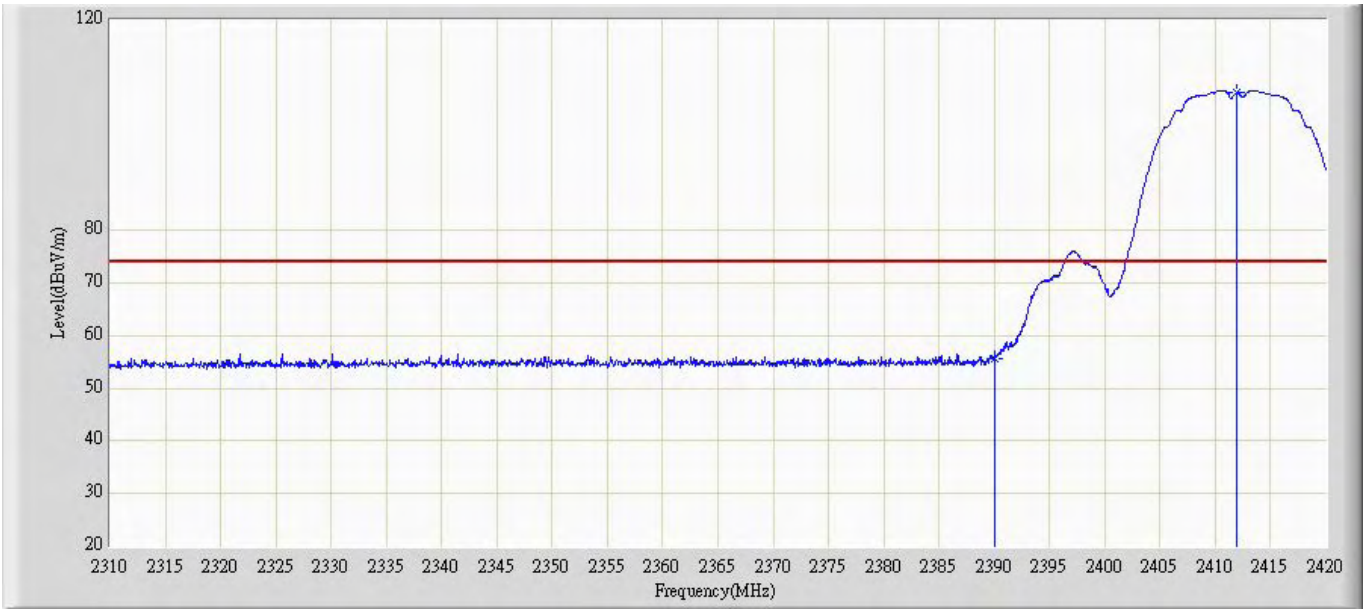
6.5. Uncertainty

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

6.6. Test Result

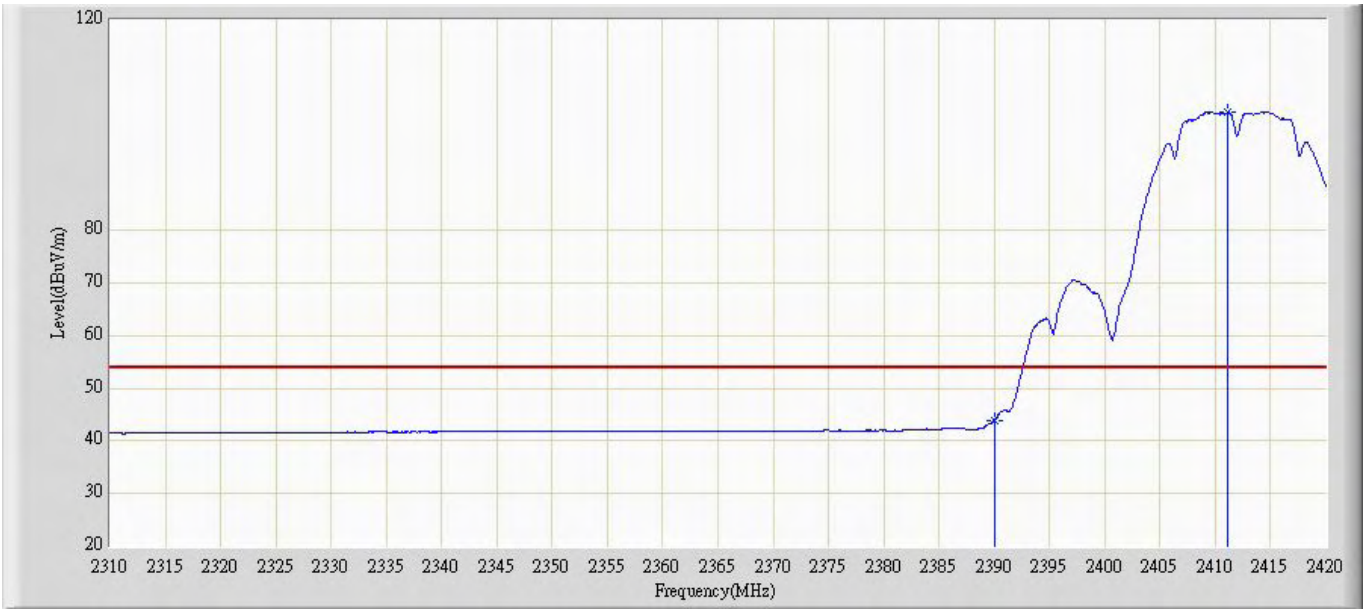
Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Profile: 109S008R	Page No.: 1
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain A)	



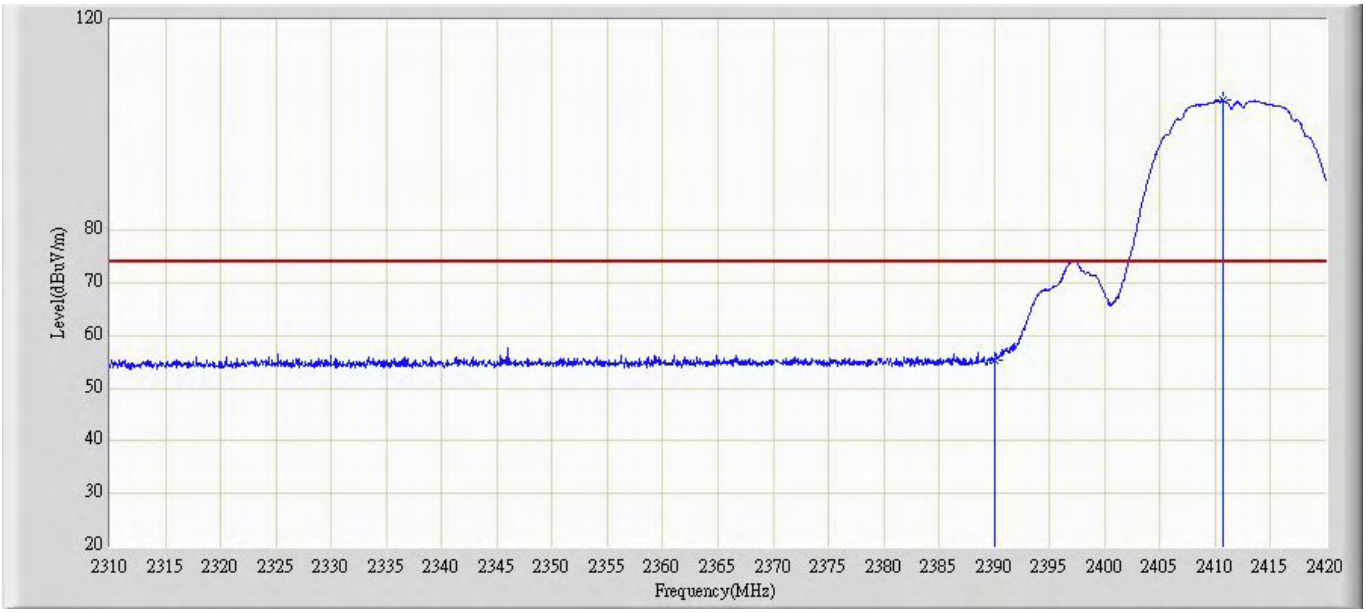
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	55.687	25.132	-18.313	74.000	30.555	PK
2	*	2411.915	106.198	75.642	N/A	N/A	30.555	PK

Profile: 109S008R	Page No.: 2
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain A)	



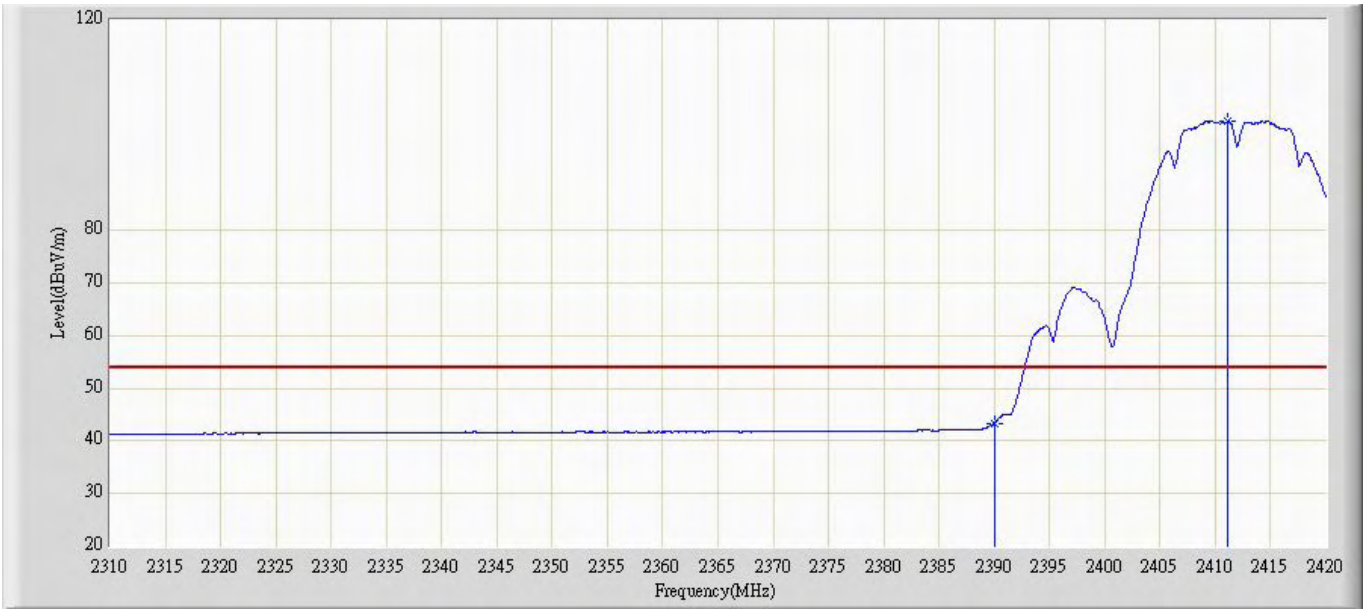
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.935	13.380	-10.065	54.000	30.555	AV
2	*	2411.145	102.469	71.913	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 3
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	55.394	24.839	-18.606	74.000	30.555	PK
2	*	2410.705	104.638	74.082	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 4
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.335	12.780	-10.665	54.000	30.555	AV
2	*	2411.145	100.661	70.105	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 5
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.025	105.579	75.141	N/A	N/A	30.438	PK
2		2483.500	56.458	26.136	-17.542	74.000	30.321	PK

Profile: 109S008R	Page No.: 6
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.800	101.871	71.437	N/A	N/A	30.433	AV
2		2483.500	44.798	14.476	-9.202	54.000	30.321	AV

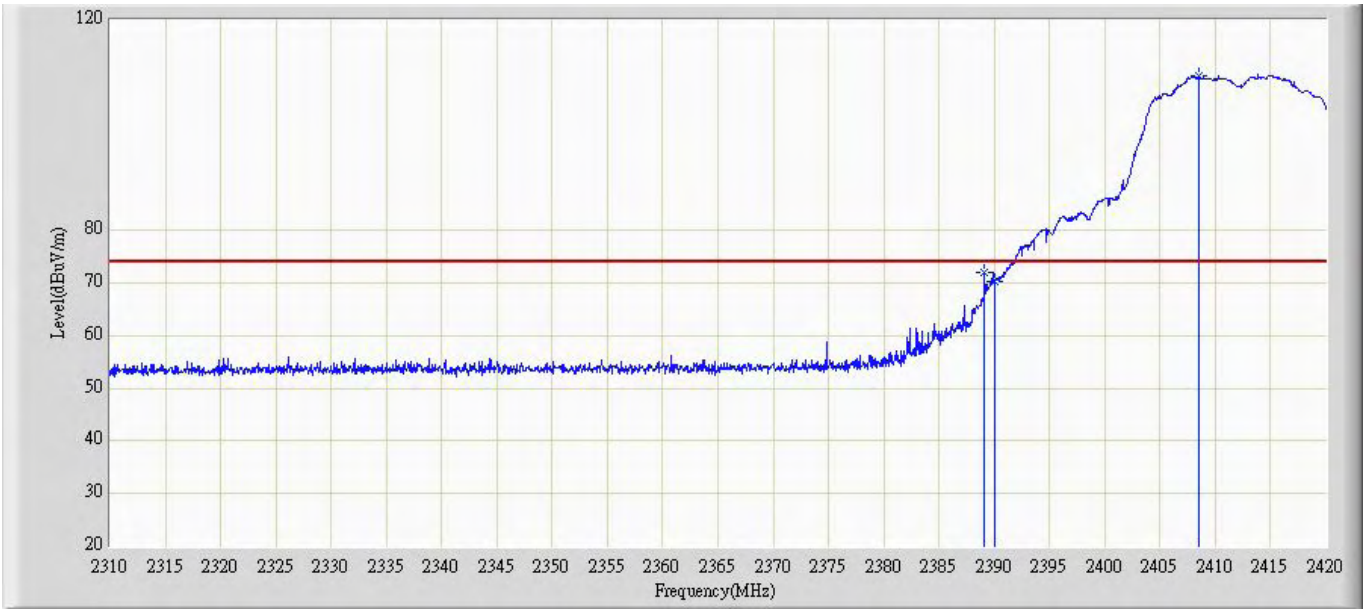
Profile: 109S008R	Page No.: 7
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.700	104.406	73.960	N/A	N/A	30.446	PK
2		2483.500	55.315	24.993	-18.685	74.000	30.321	PK

Profile: 109S008R	Page No.: 8
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain A)	

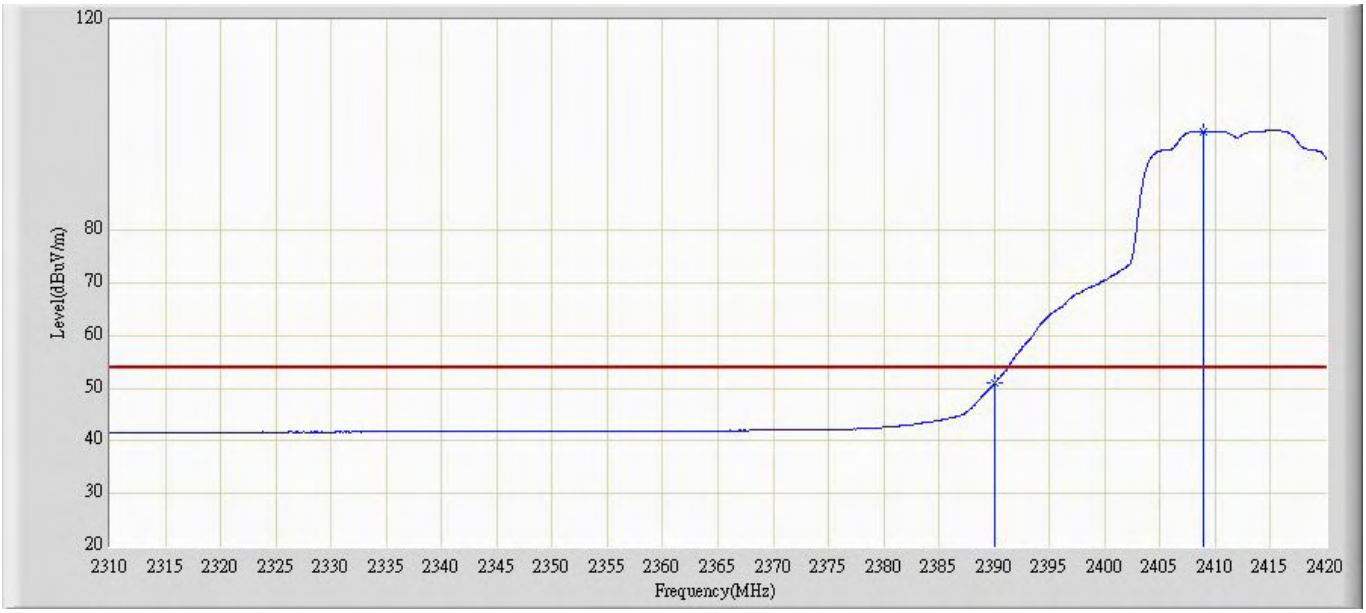
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.250	100.912	70.470	N/A	N/A	30.442	AV
2		2483.500	43.770	13.448	-10.230	54.000	30.321	AV

Profile: 109S008R	Page No.: 9
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.145	71.933	41.380	-2.067	74.000	30.553	PK
2		2390.000	70.169	39.614	-3.831	74.000	30.555	PK
3	*	2408.560	109.292	78.735	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 10
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain A)	

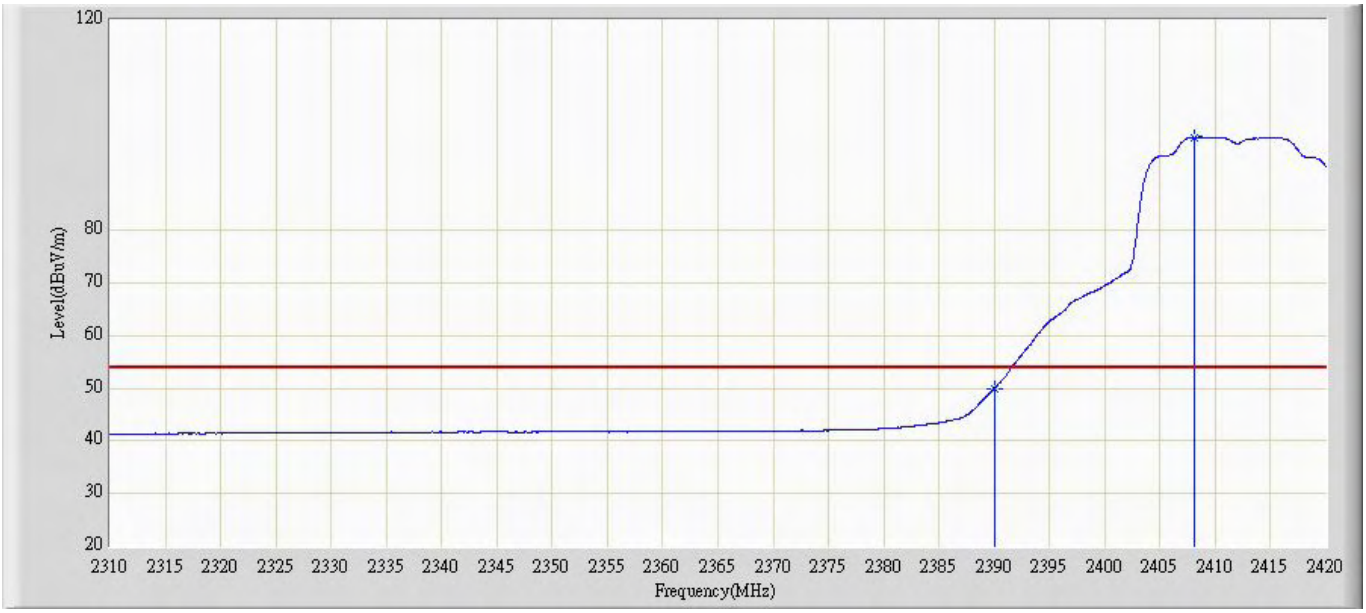


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.895	20.340	-3.105	54.000	30.555	AV
2	*	2408.945	98.742	68.185	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 11
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.365	70.254	39.700	-3.746	74.000	30.554	PK
2		2390.000	69.053	38.498	-4.947	74.000	30.555	PK
3	*	2408.120	107.938	77.381	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 12
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.975	19.420	-4.025	54.000	30.555	AV
2	*	2408.065	97.653	67.096	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 13
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.450	109.036	78.606	N/A	N/A	30.429	PK
2		2483.500	69.722	39.400	-4.278	74.000	30.321	PK
3		2486.550	69.565	39.255	-4.435	74.000	30.310	PK

Profile: 109S008R	Page No.: 14
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.900	98.729	68.302	N/A	N/A	30.427	AV
2		2483.500	50.939	20.617	-3.061	54.000	30.321	AV

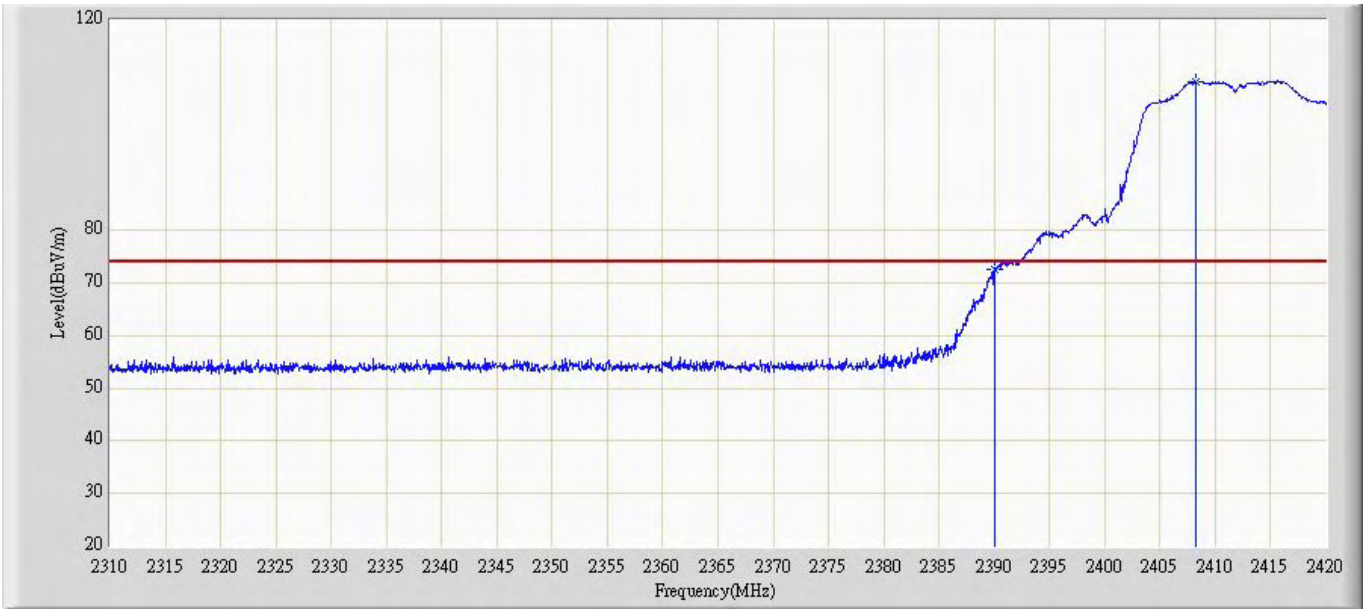
Profile: 109S008R	Page No.: 15
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.400	107.741	77.294	N/A	N/A	30.447	PK
2		2483.500	67.518	37.196	-6.482	74.000	30.321	PK
3		2484.150	68.750	38.431	-5.250	74.000	30.319	PK

Profile: 109S008R	Page No.: 16
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain A)	

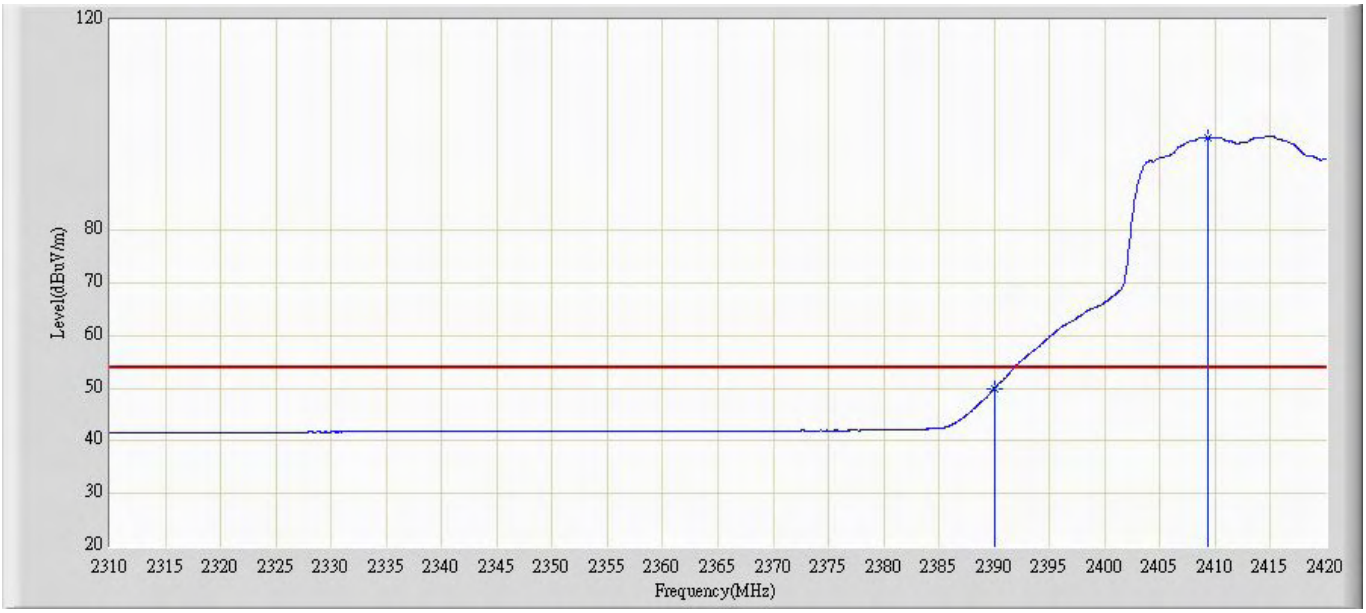
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.375	96.867	66.420	N/A	N/A	30.448	AV
2		2483.500	49.046	18.724	-4.954	54.000	30.321	AV

Profile: 109S008R	Page No.: 17
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n20MHz (Chain A)	



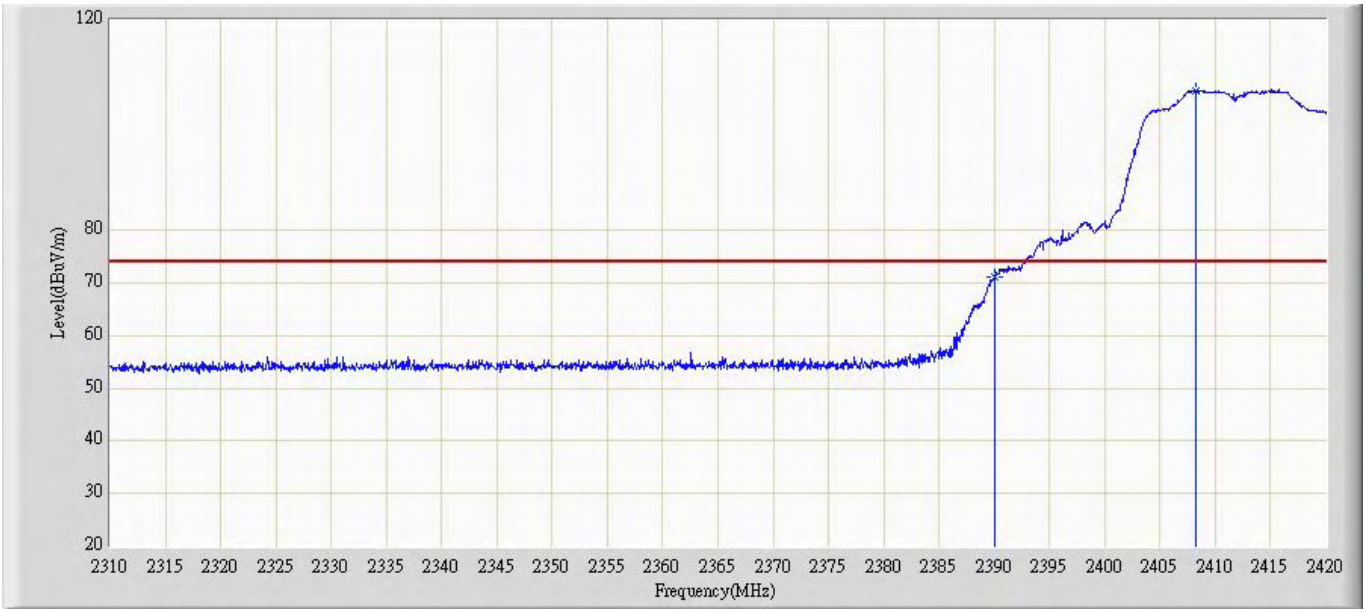
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	72.458	41.903	-1.542	74.000	30.555	PK
2	*	2408.230	108.080	77.523	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 18
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n20MHz (Chain A)	



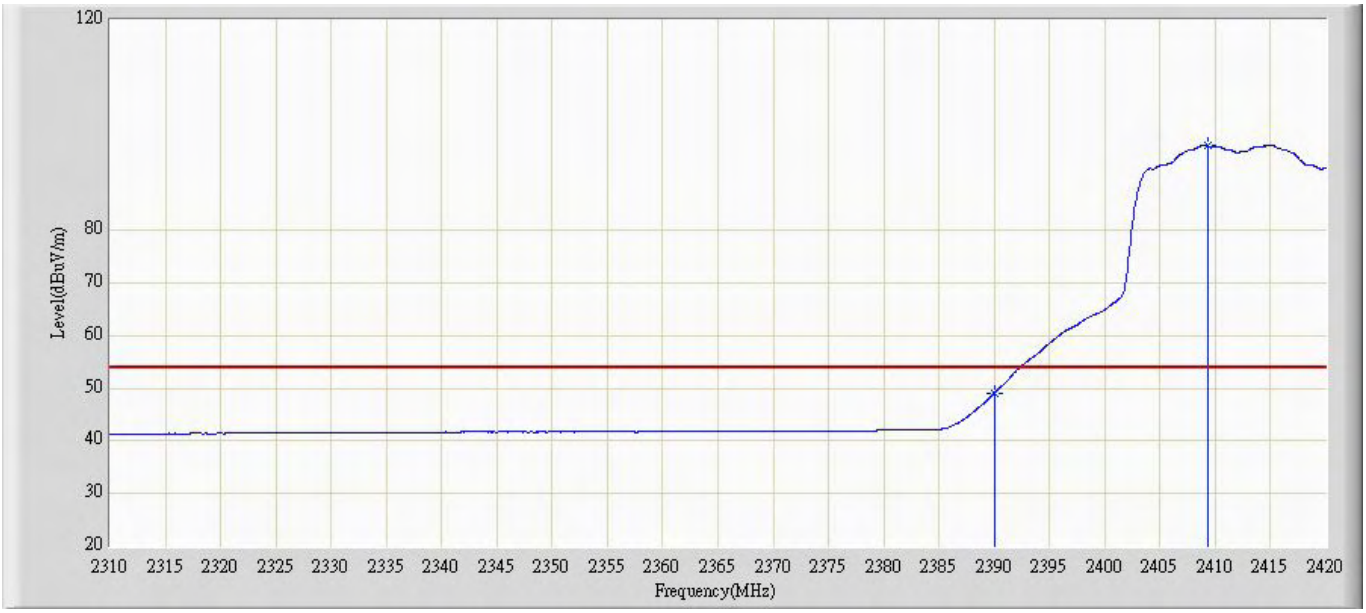
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.008	19.453	-3.992	54.000	30.555	AV
2	*	2409.275	97.722	67.165	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 19
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n20MHz (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	71.277	40.722	-2.723	74.000	30.555	PK
2	*	2408.175	106.580	76.023	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 20
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n20MHz (Chain A)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.157	18.602	-4.843	54.000	30.555	AV
2	*	2409.275	96.031	65.474	N/A	N/A	30.557	AV

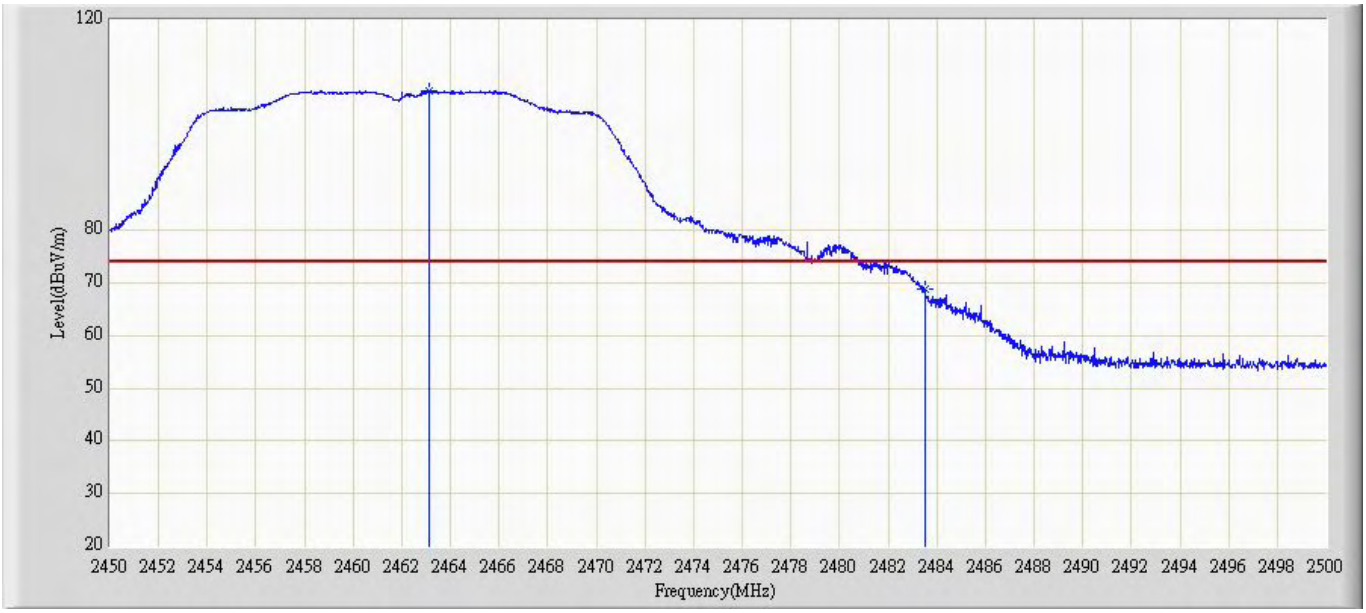
Profile: 109S008R	Page No.: 21
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n20MHz (Chain A)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.950	108.355	77.928	N/A	N/A	30.427	PK
2		2483.500	70.845	40.523	-3.155	74.000	30.321	PK

Profile: 109S008R	Page No.: 22
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n20MHz (Chain A)	

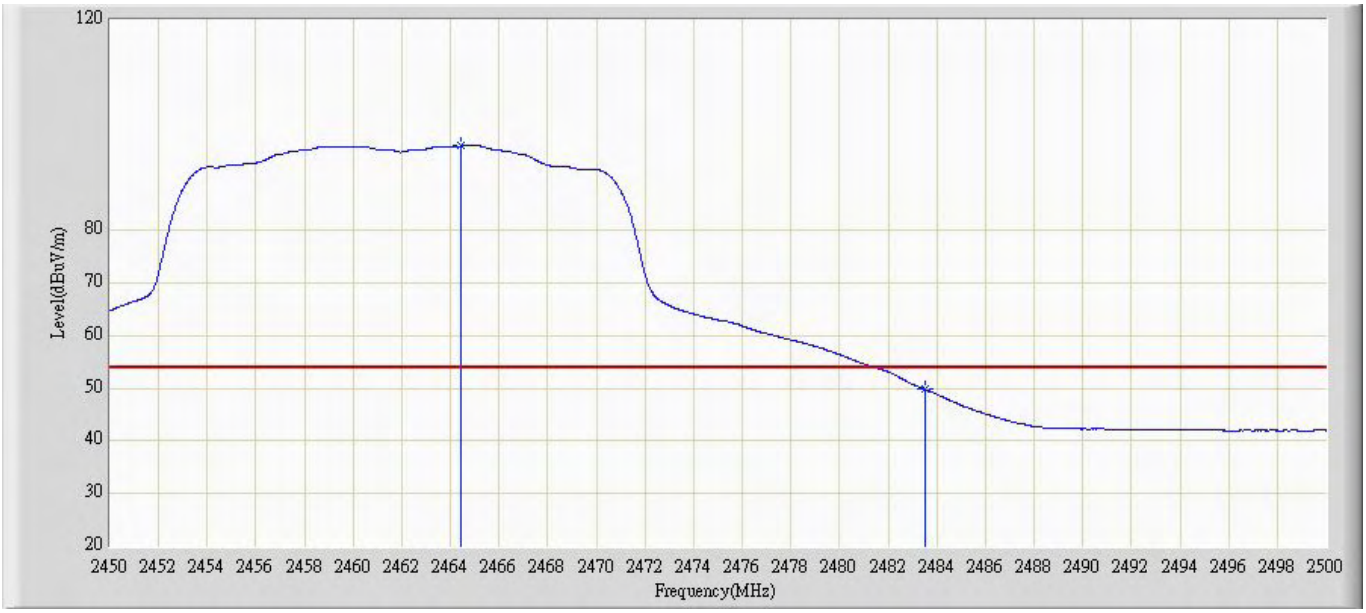
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.825	97.668	67.240	N/A	N/A	30.427	AV
2		2483.500	51.991	21.669	-2.009	54.000	30.321	AV

Profile: 109S008R	Page No.: 23
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n20MHz (Chain A)	



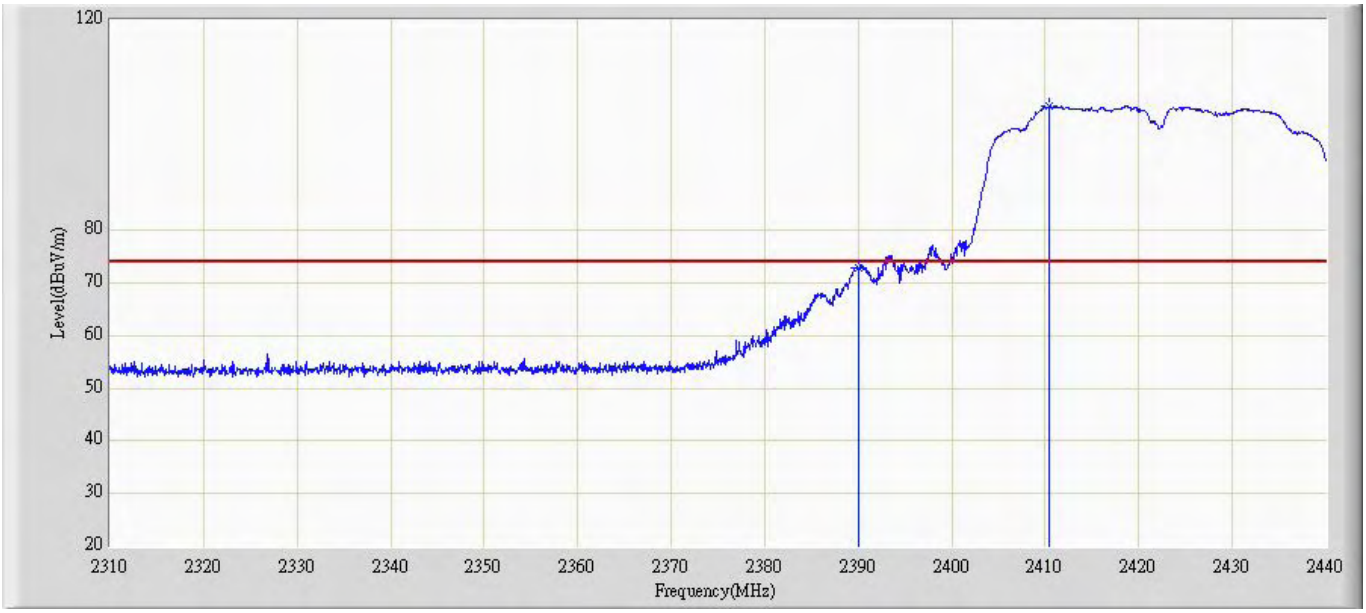
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.125	106.521	76.089	N/A	N/A	30.431	PK
2		2483.500	68.745	38.423	-5.255	74.000	30.321	PK

Profile: 109S008R	Page No.: 24
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n20MHz (Chain A)	



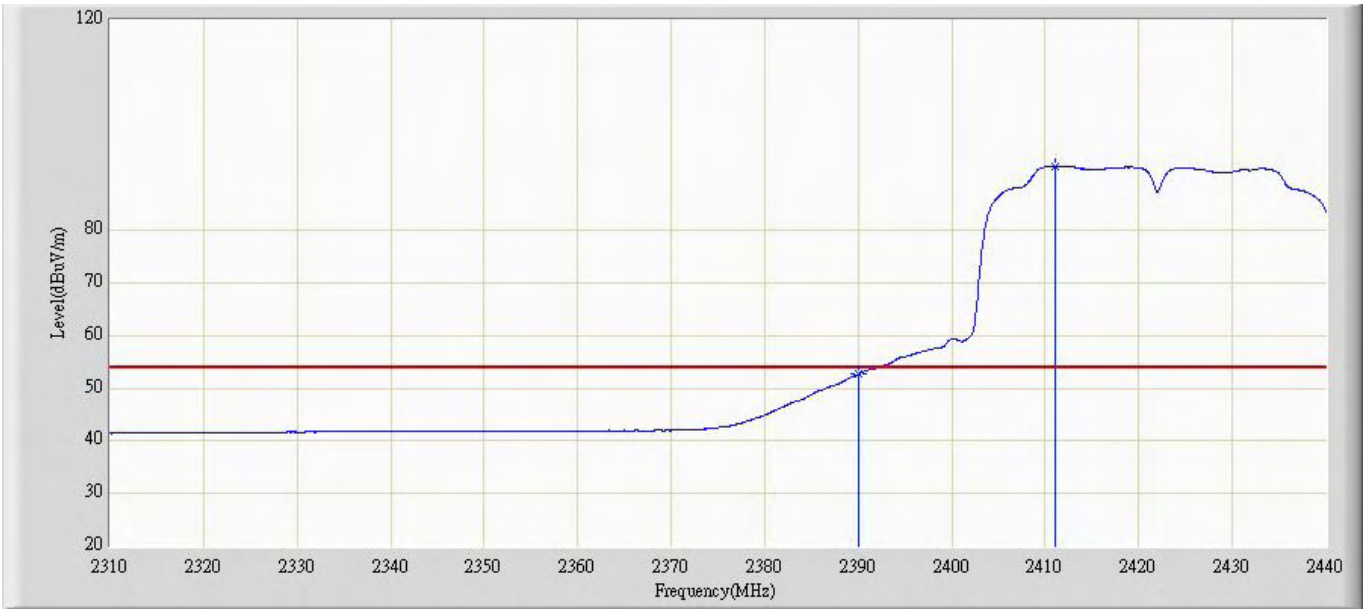
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.450	96.038	65.614	N/A	N/A	30.424	AV
2		2483.500	49.868	19.546	-4.132	54.000	30.321	AV

Profile: 109S008R	Page No.: 25
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 17:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n40MHz (Chain A)	



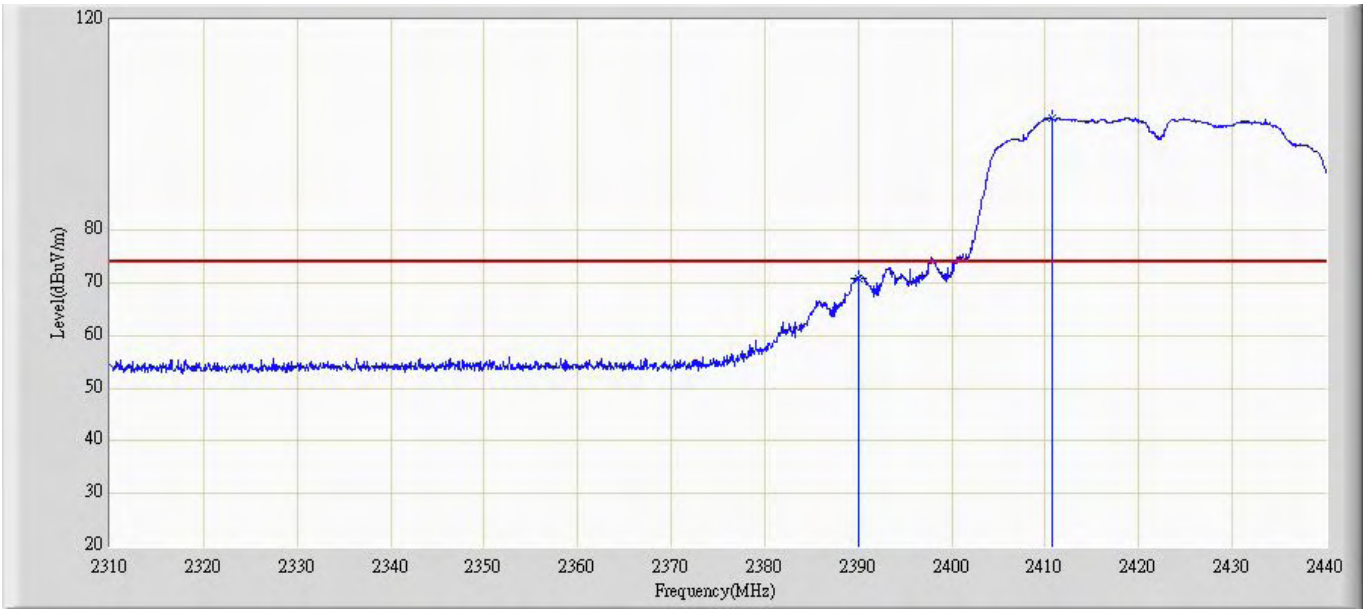
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	72.985	42.430	-1.015	74.000	30.555	PK
2	*	2410.425	103.497	72.941	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 26
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n40MHz (Chain A)	



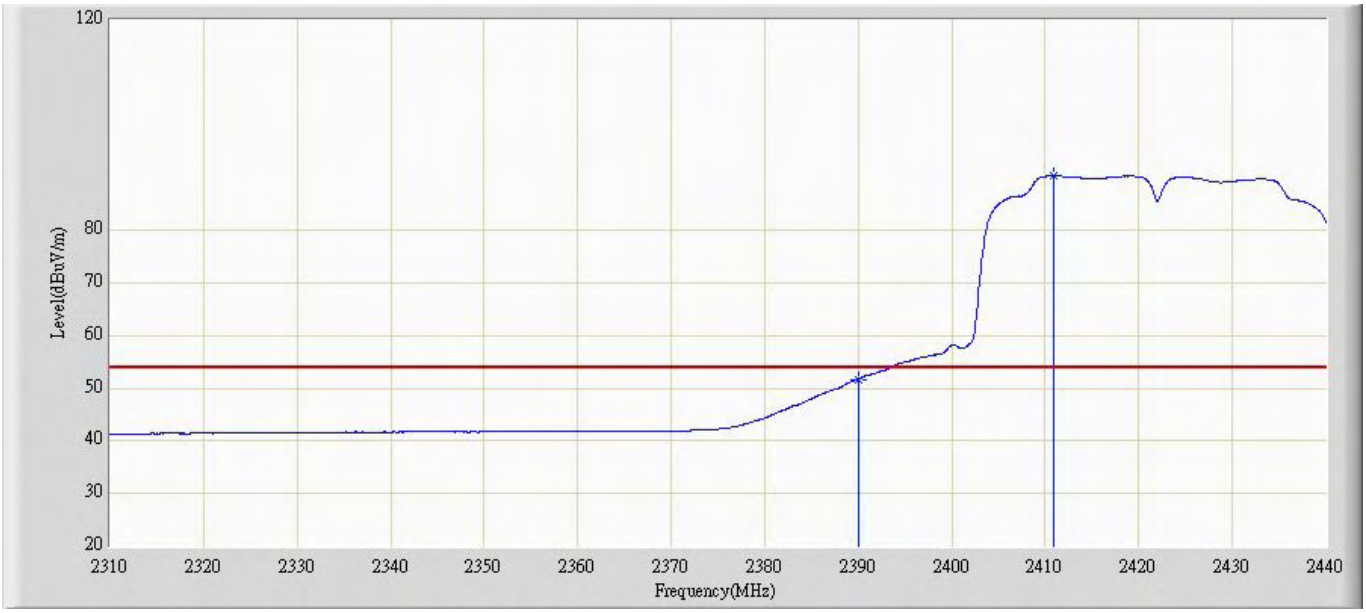
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.615	22.060	-1.385	54.000	30.555	AV
2	*	2411.010	92.239	61.683	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 27
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n40MHz (Chain A)	



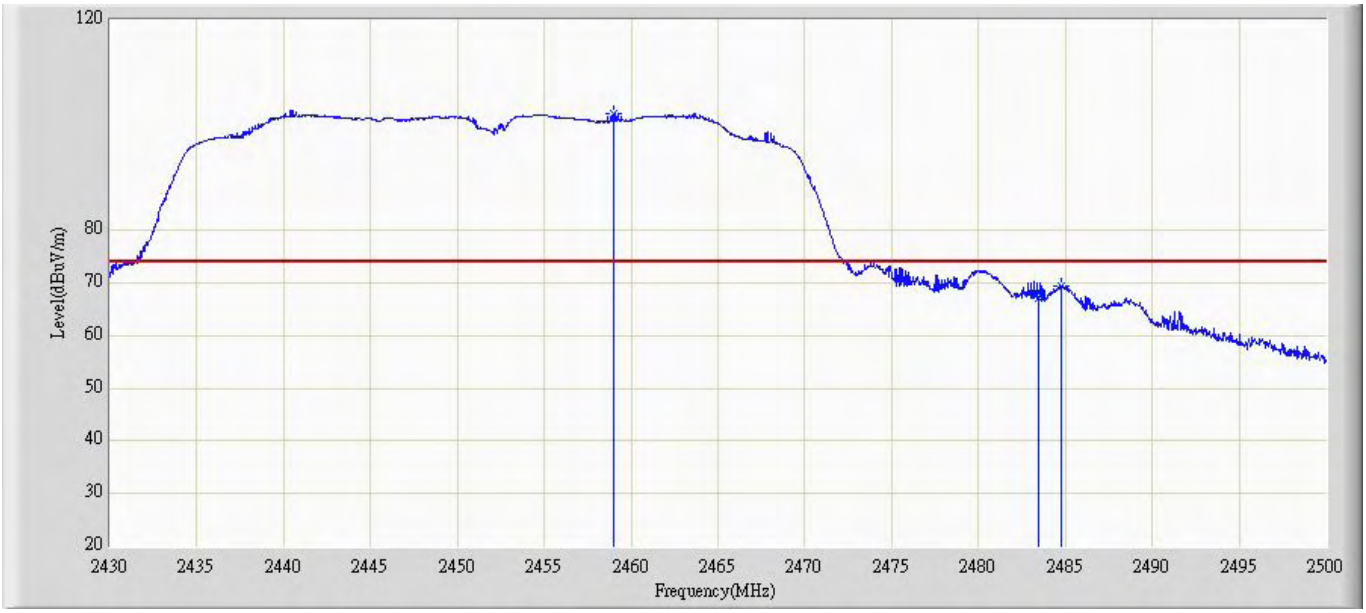
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	70.757	40.202	-3.243	74.000	30.555	PK
2	*	2410.685	101.384	70.828	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 28
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n40MHz (Chain A)	



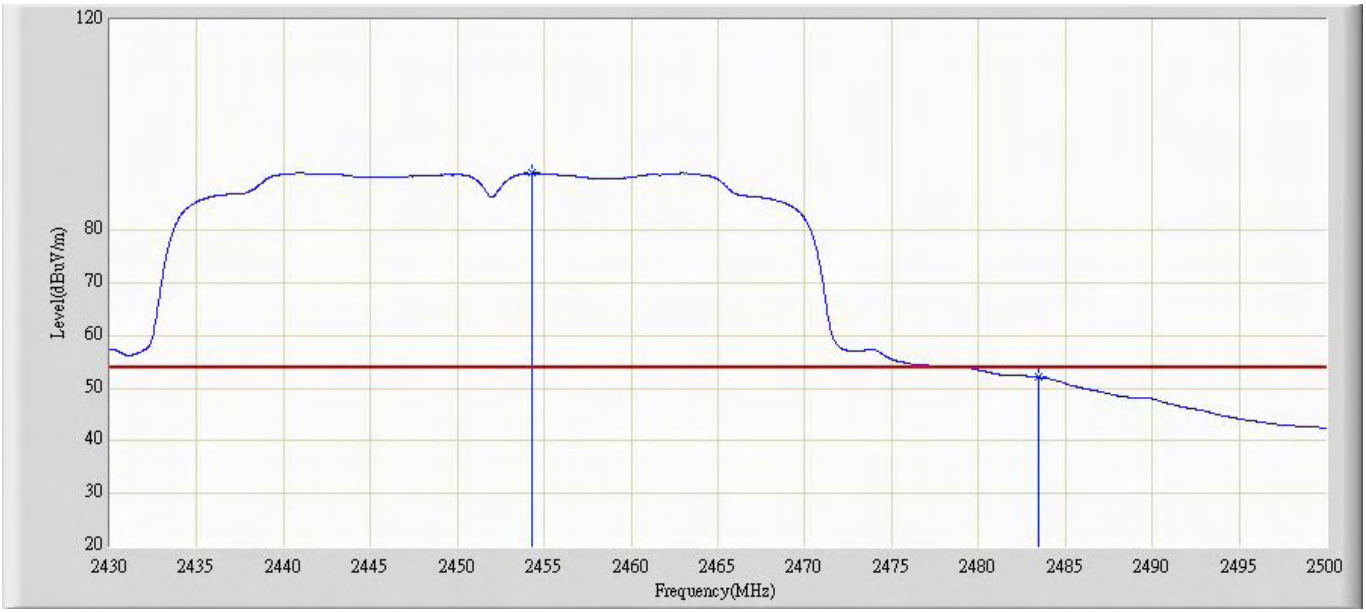
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.721	21.166	-2.279	54.000	30.555	AV
2	*	2410.815	90.444	59.888	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 29
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n40MHz (Chain A)	



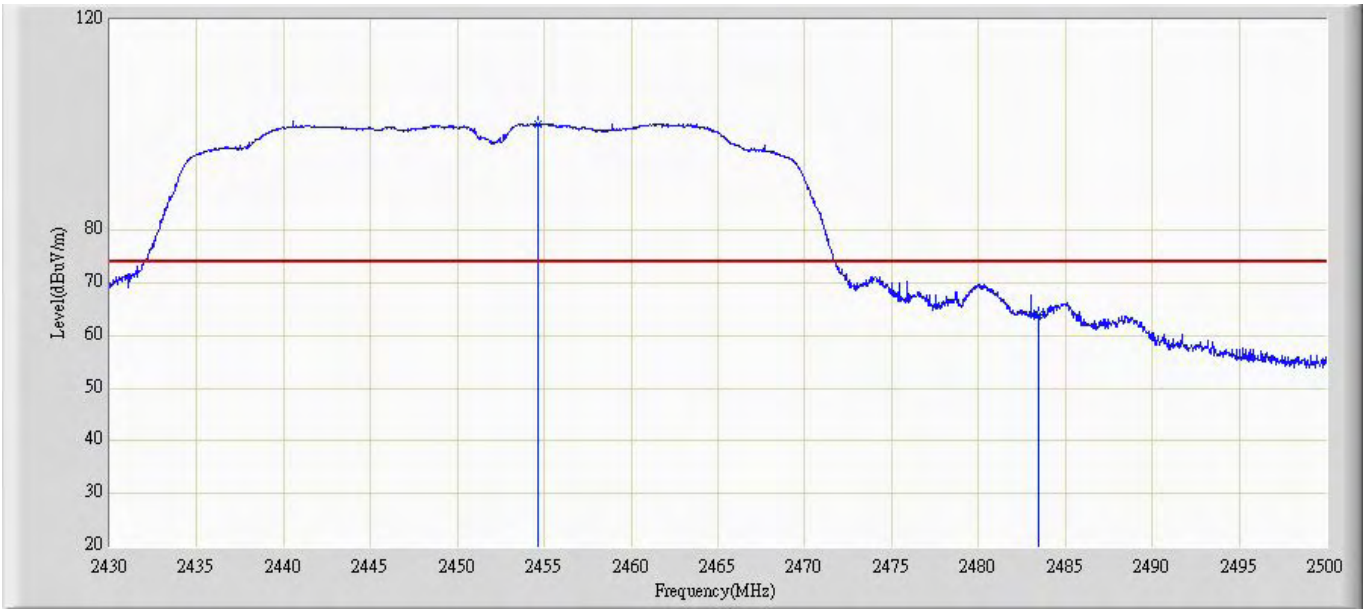
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.015	102.220	71.765	N/A	N/A	30.456	PK
2		2483.500	67.086	36.764	-6.914	74.000	30.321	PK
3		2484.775	69.549	39.232	-4.451	74.000	30.316	PK

Profile: 109S008R	Page No.: 30
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n40MHz (Chain A)	



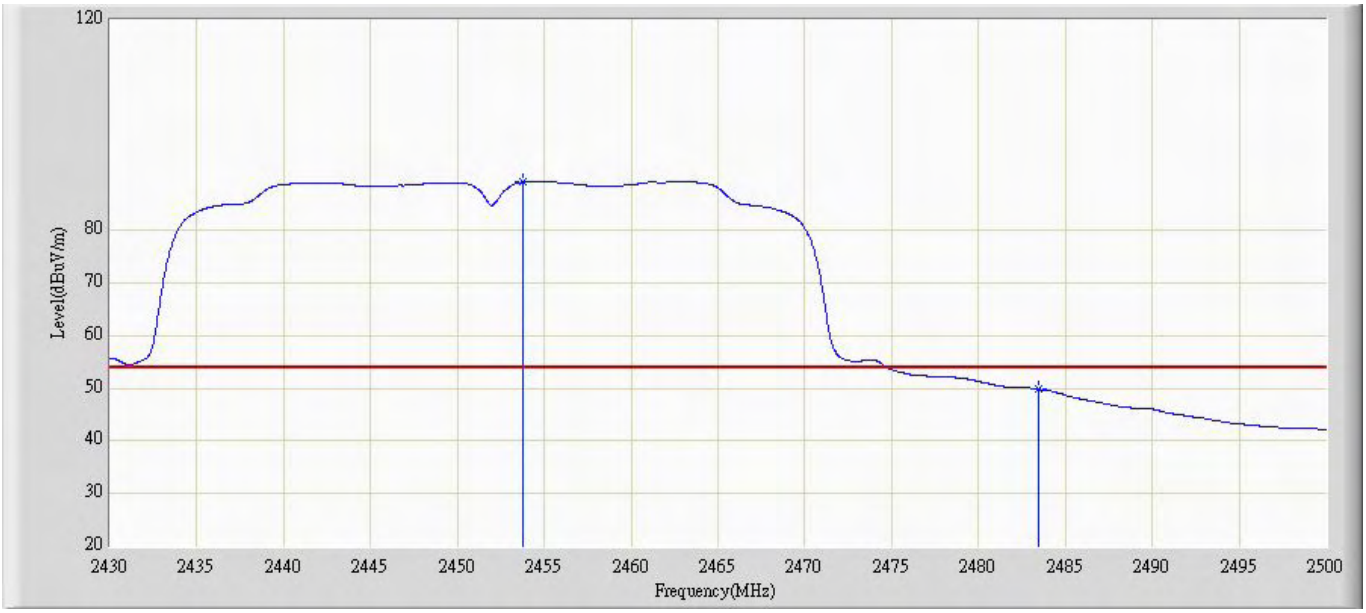
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.290	90.834	60.352	N/A	N/A	30.481	AV
2		2483.500	52.067	21.745	-1.933	54.000	30.321	AV

Profile: 109S008R	Page No.: 31
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n40MHz (Chain A)	



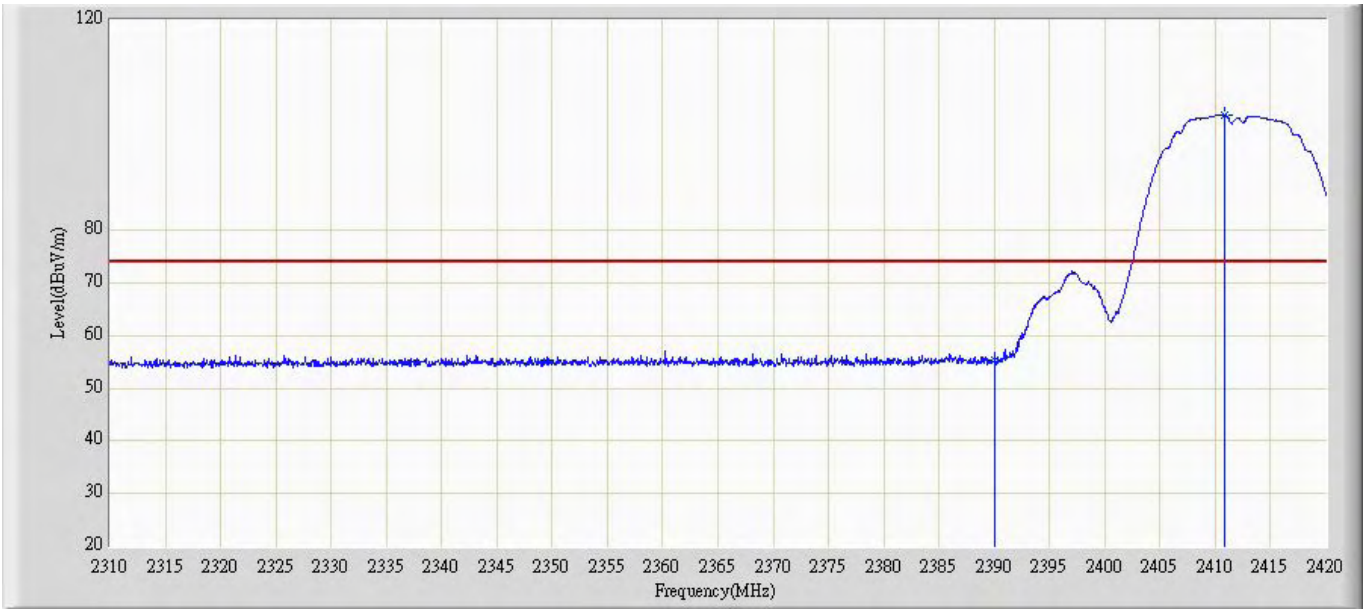
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.640	100.294	69.814	N/A	N/A	30.480	PK
2		2483.500	63.923	33.601	-10.077	74.000	30.321	PK

Profile: 109S008R	Page No.: 32
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n40MHz (Chain A)	



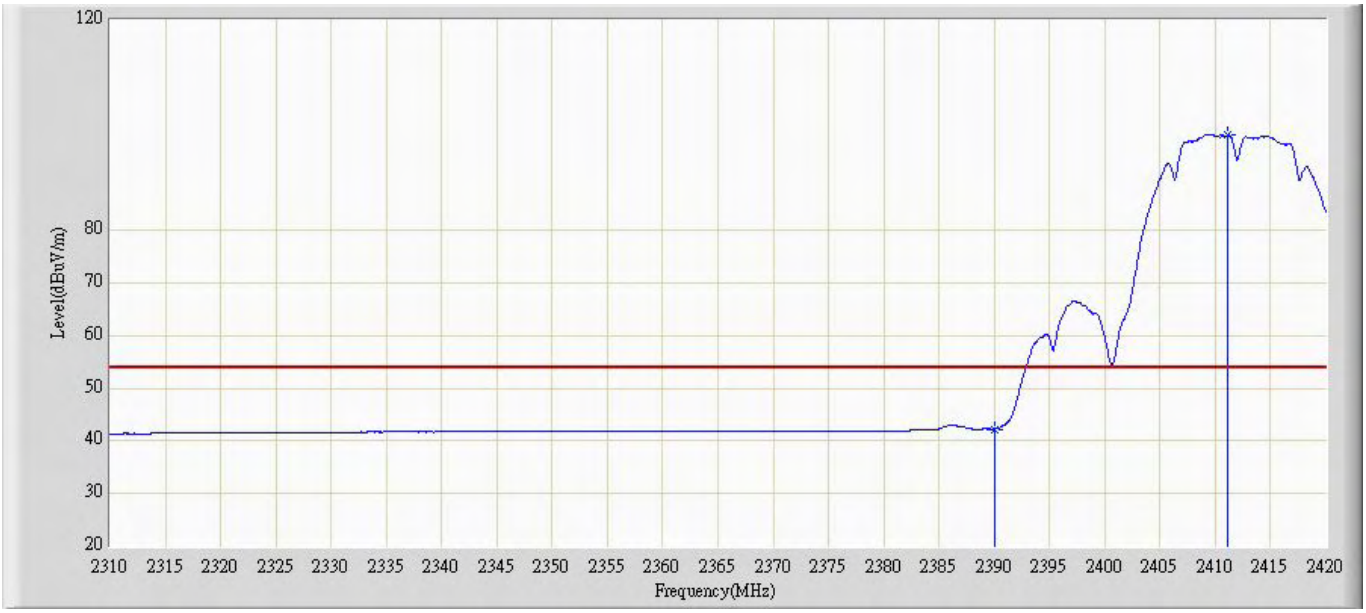
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2453.730	89.147	58.662	N/A	N/A	30.485	AV
2		2483.500	49.768	19.446	-4.232	54.000	30.321	AV

Profile: 109S008R	Page No.: 33
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain B)	



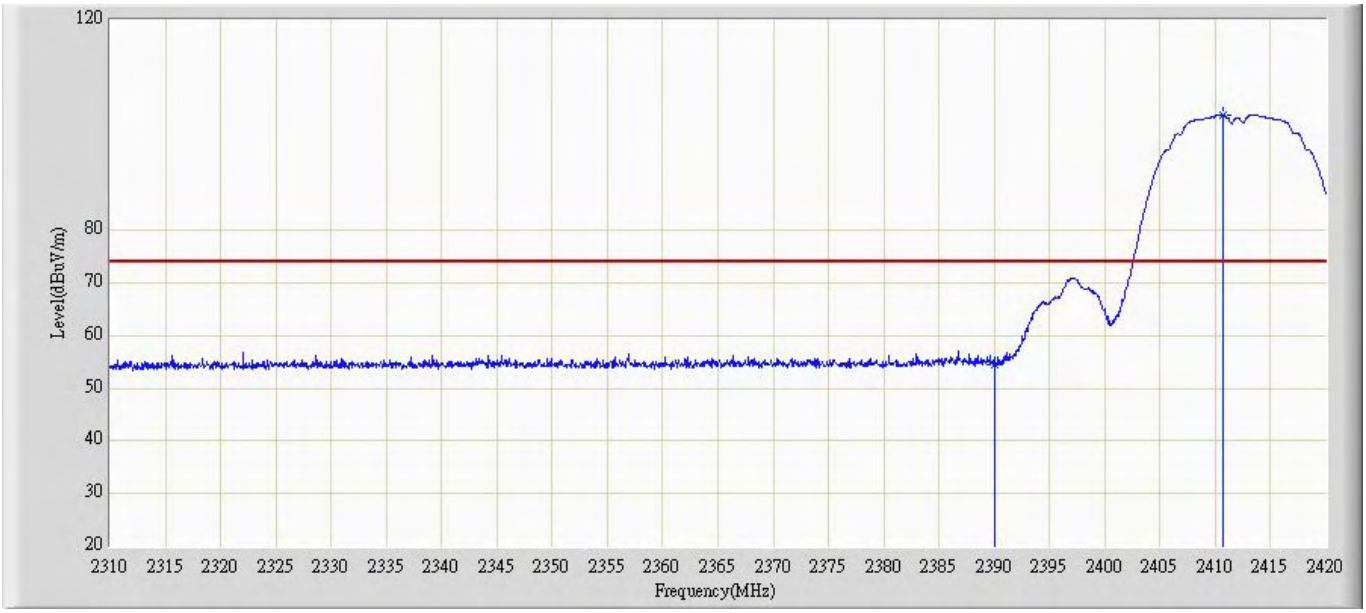
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	55.333	24.778	-18.667	74.000	30.555	PK
2	*	2410.815	101.833	71.277	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 34
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain B)	



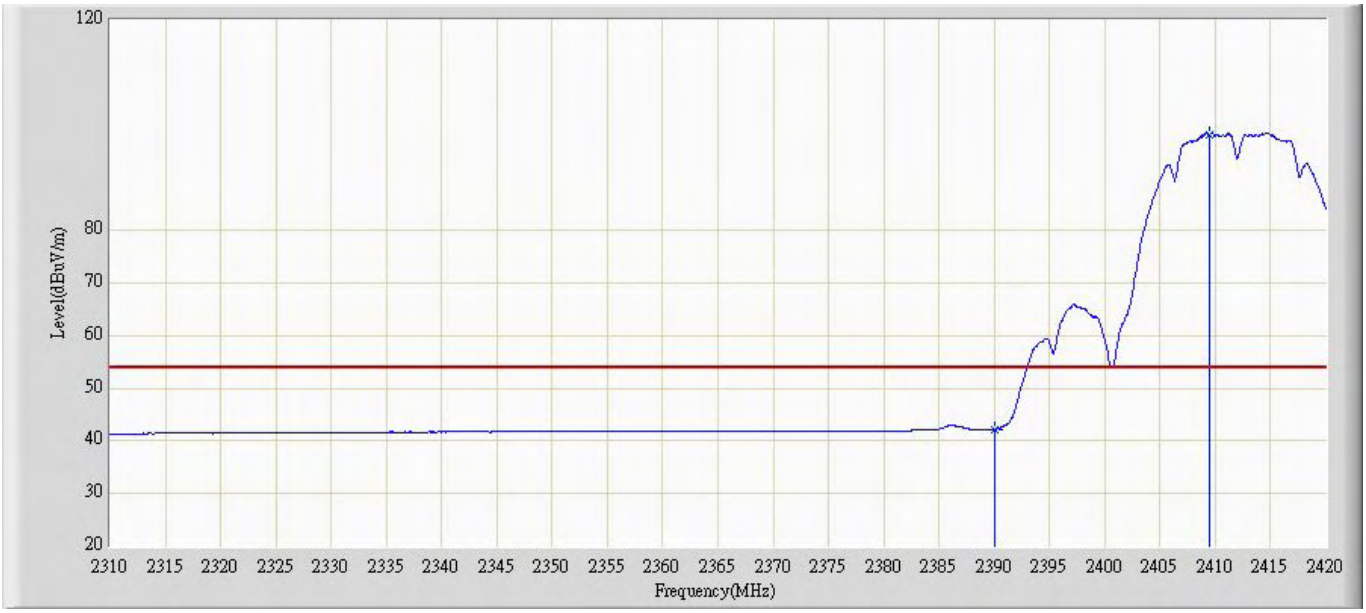
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.255	11.700	-11.745	54.000	30.555	AV
2	*	2411.145	98.133	67.577	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 35
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	54.486	23.931	-19.514	74.000	30.555	PK
2	*	2410.650	101.838	71.282	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 36
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz By 802.11b (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.190	11.635	-11.810	54.000	30.555	AV
2	*	2409.440	98.190	67.633	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 37
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.700	102.149	71.703	N/A	N/A	30.446	PK
2		2483.500	54.802	24.480	-19.198	74.000	30.321	PK

Profile: 109S008R	Page No.: 38
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.175	96.876	66.433	N/A	N/A	30.443	AV
2		2483.500	42.747	12.425	-11.253	54.000	30.321	AV

Profile: 109S008R	Page No.: 39
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.525	102.155	71.708	N/A	N/A	30.447	PK
2		2483.500	54.952	24.630	-19.048	74.000	30.321	PK

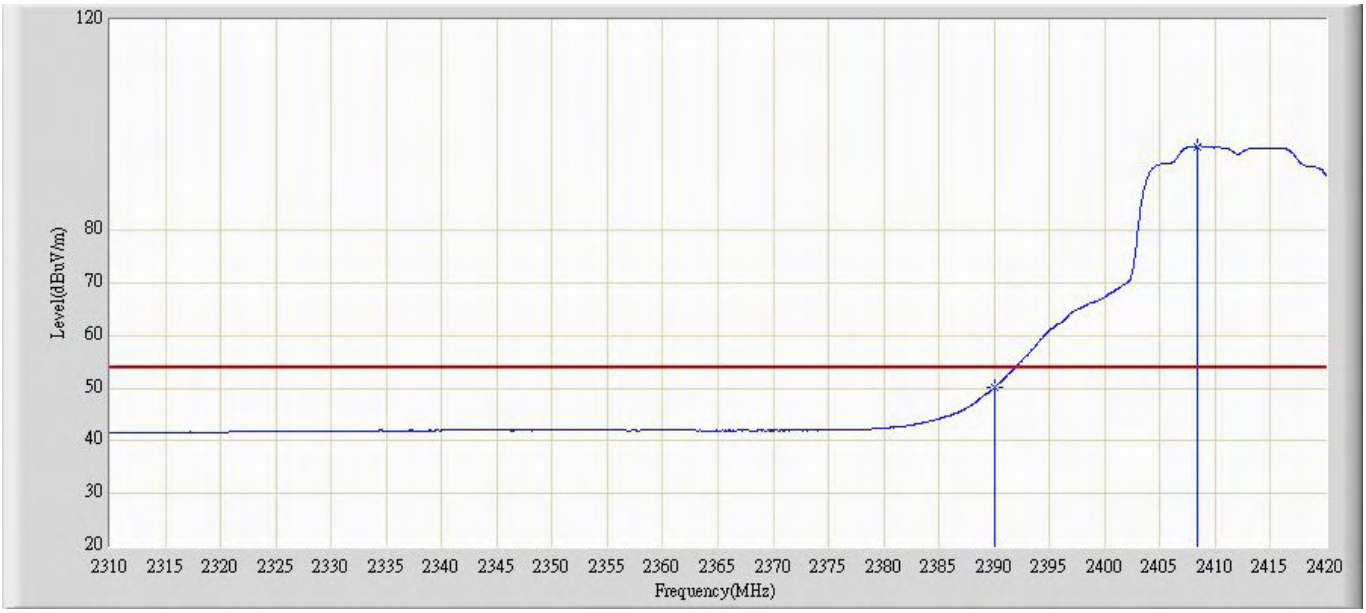
Profile: 109S008R	Page No.: 40
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz By 802.11b (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.250	98.149	67.707	N/A	N/A	30.442	AV
2		2483.500	42.631	12.309	-11.369	54.000	30.321	AV

Profile: 109S008R	Page No.: 41
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain B)	

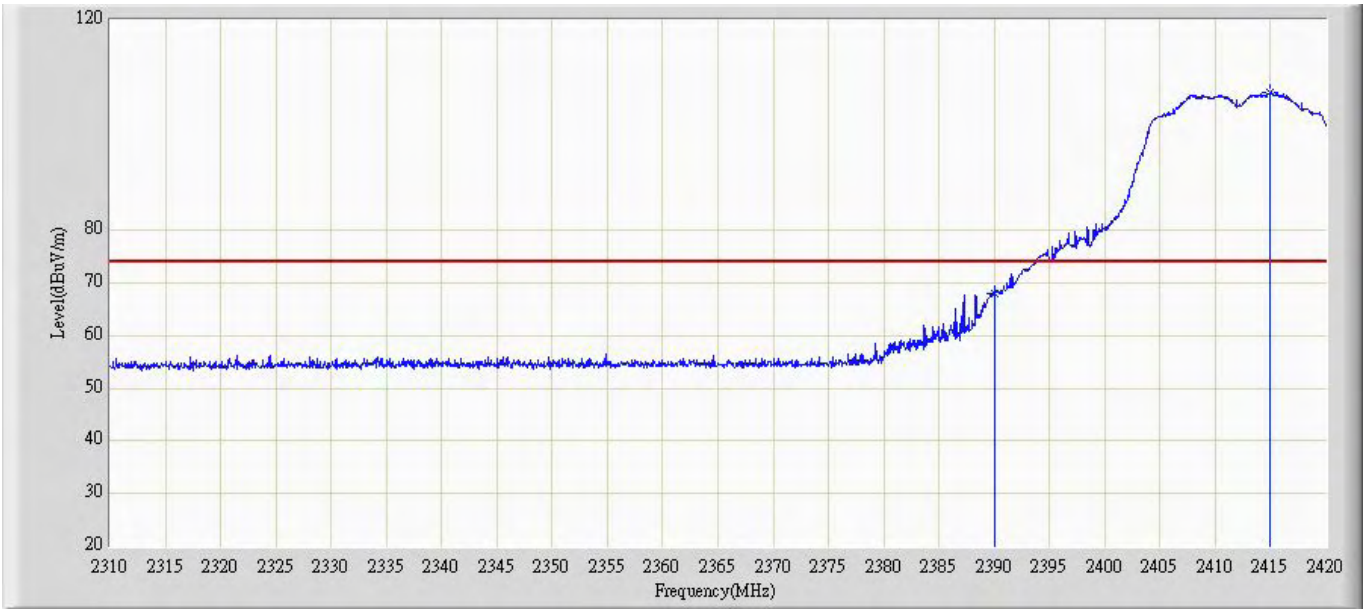
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	69.579	39.024	-4.421	74.000	30.555	PK
2	*	2408.065	106.259	75.702	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 42
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain B)	



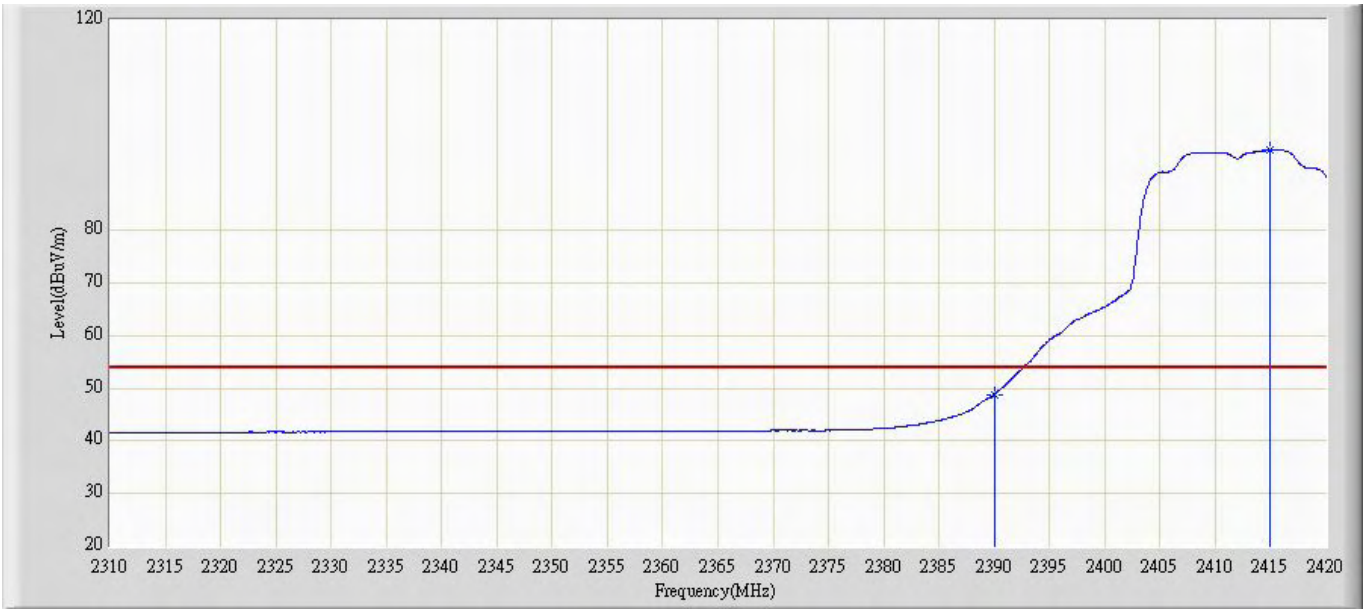
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.176	19.621	-3.824	54.000	30.555	AV
2	*	2408.395	95.989	65.432	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 43
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.011	37.456	-5.989	74.000	30.555	PK
2	*	2414.995	106.191	75.635	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 44
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz By 802.11g (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	48.873	18.318	-5.127	54.000	30.555	AV
2	*	2414.940	95.238	64.682	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 45
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.350	104.938	74.508	N/A	N/A	30.430	PK
2		2483.500	67.251	36.929	-6.749	74.000	30.321	PK
3		2484.225	68.053	37.734	-5.947	74.000	30.318	PK

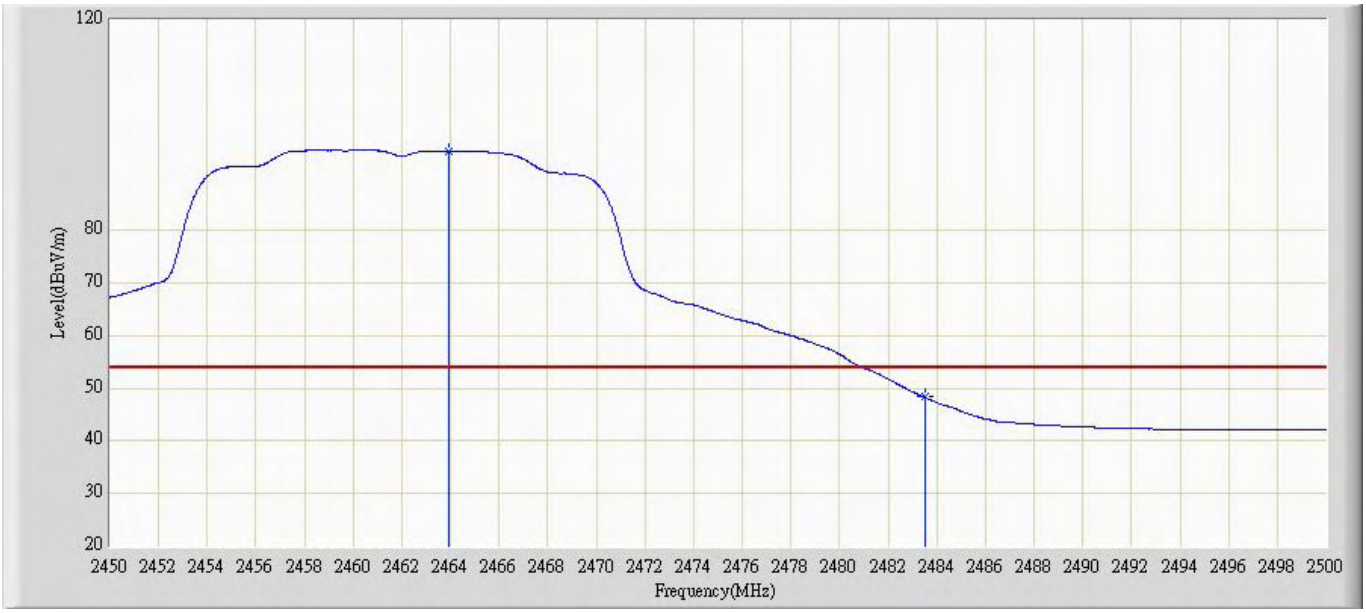
Profile: 109S008R	Page No.: 46
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.675	94.575	64.152	N/A	N/A	30.422	AV
2		2483.500	49.418	19.096	-4.582	54.000	30.321	AV

Profile: 109S008R	Page No.: 47
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain B)	

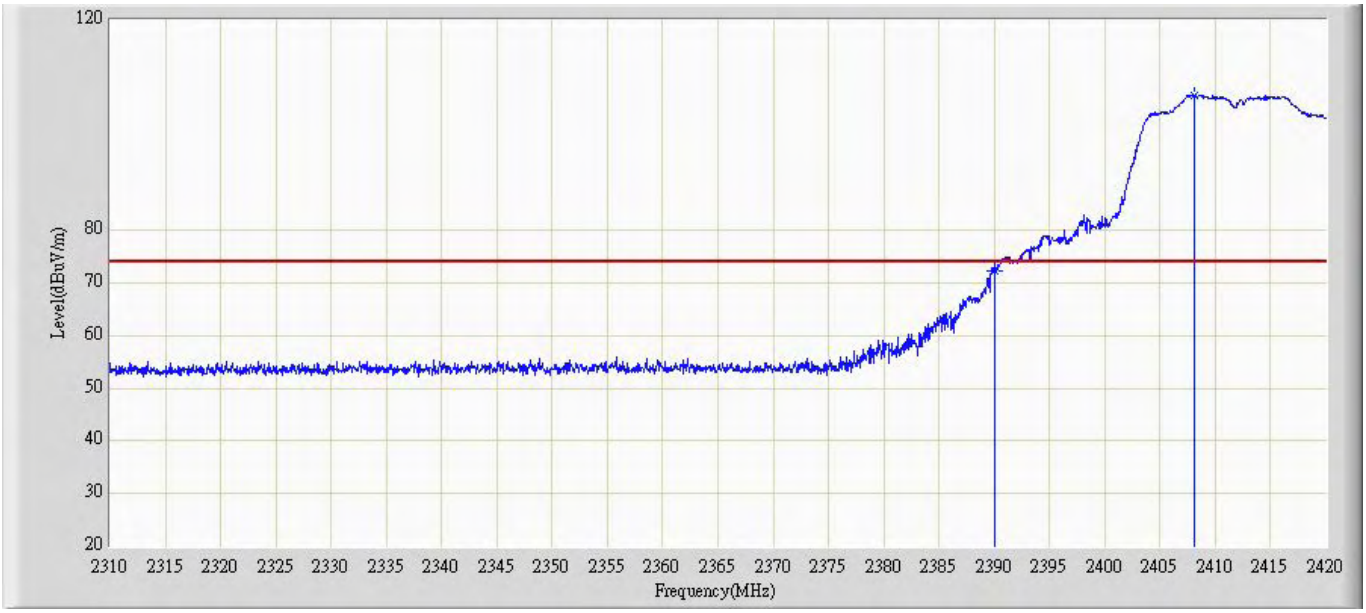
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.700	105.781	75.353	N/A	N/A	30.428	PK
2		2483.500	65.669	35.347	-8.331	74.000	30.321	PK
3		2483.825	68.531	38.210	-5.469	74.000	30.320	PK

Profile: 109S008R	Page No.: 48
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz By 802.11g (Chain B)	



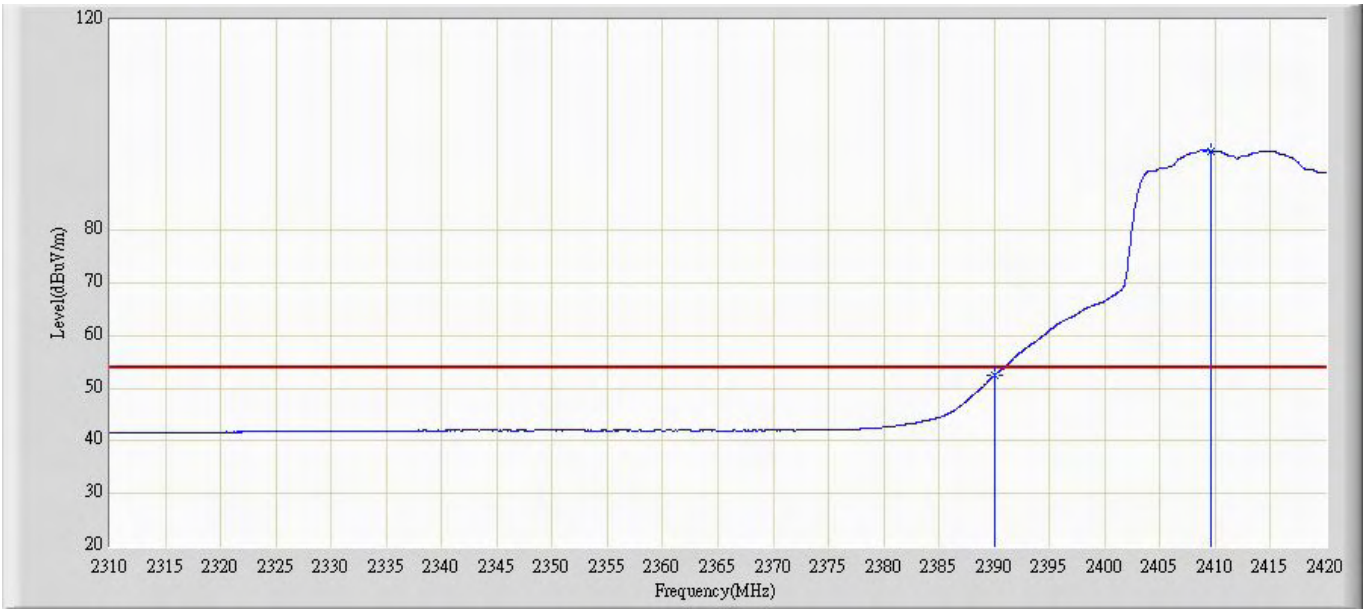
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.900	95.055	64.628	N/A	N/A	30.427	AV
2		2483.500	48.331	18.009	-5.669	54.000	30.321	AV

Profile: 109S008R	Page No.: 49
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz)(Chain B)	



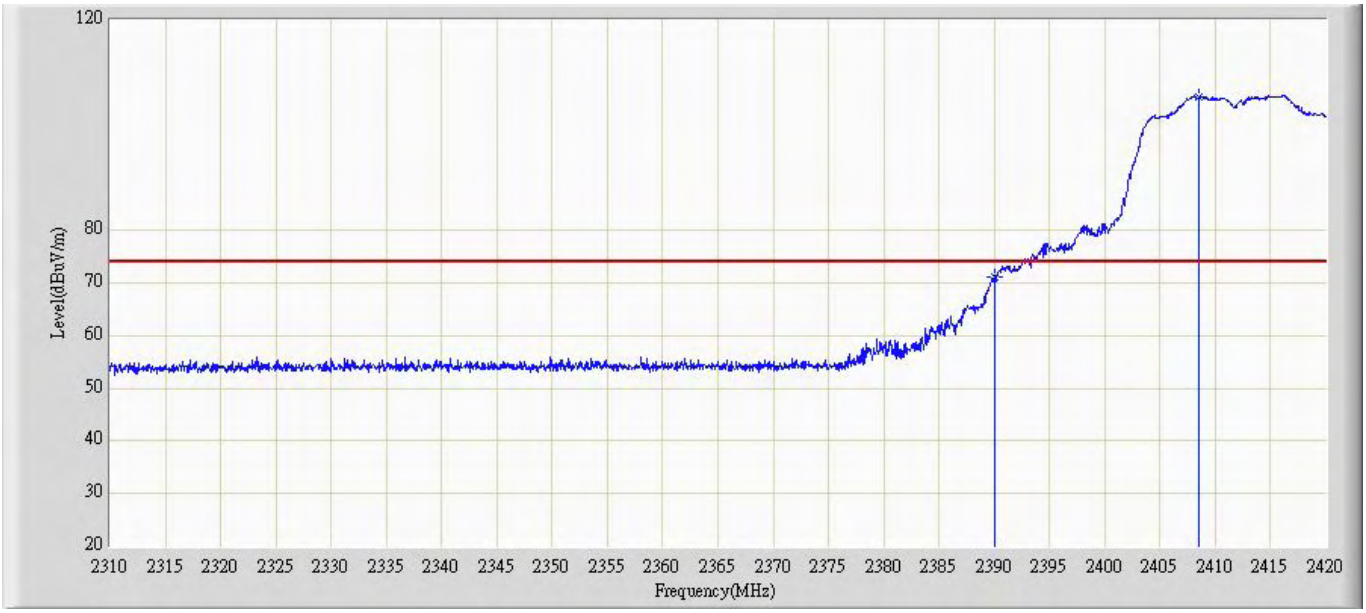
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	72.277	41.722	-1.723	74.000	30.555	PK
2	*	2408.065	105.674	75.117	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 50
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz)(Chain B)	



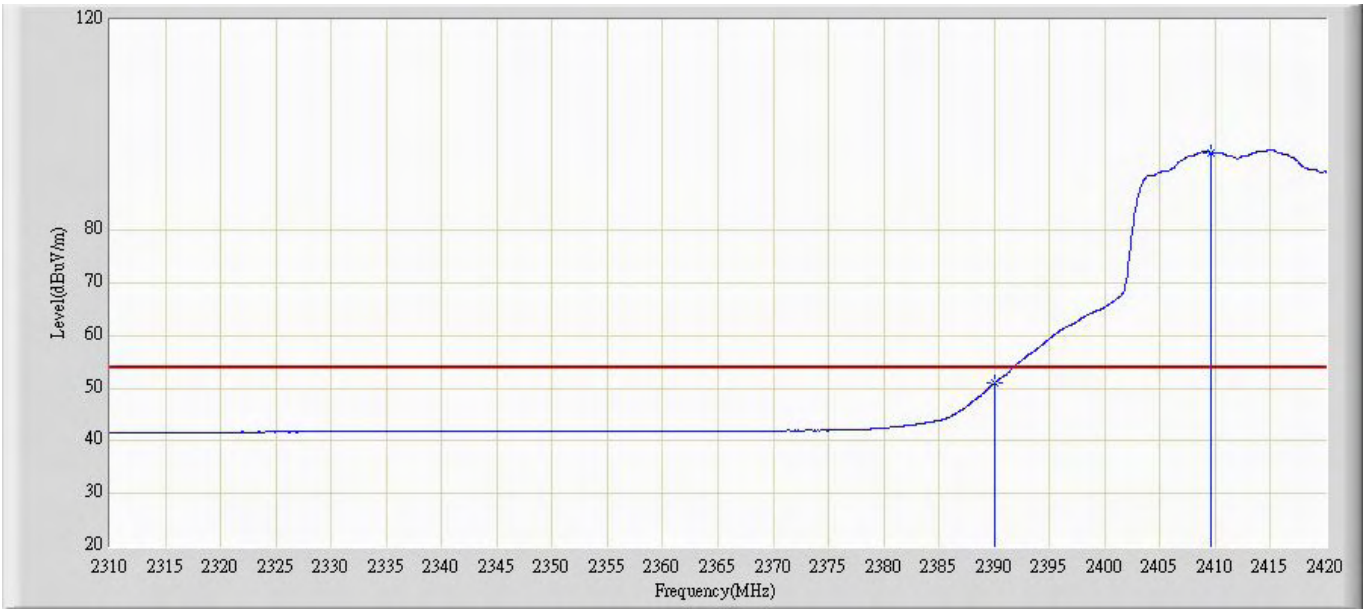
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.503	21.948	-1.497	54.000	30.555	AV
2	*	2409.605	95.097	64.540	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 51
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz)(Chain B)	



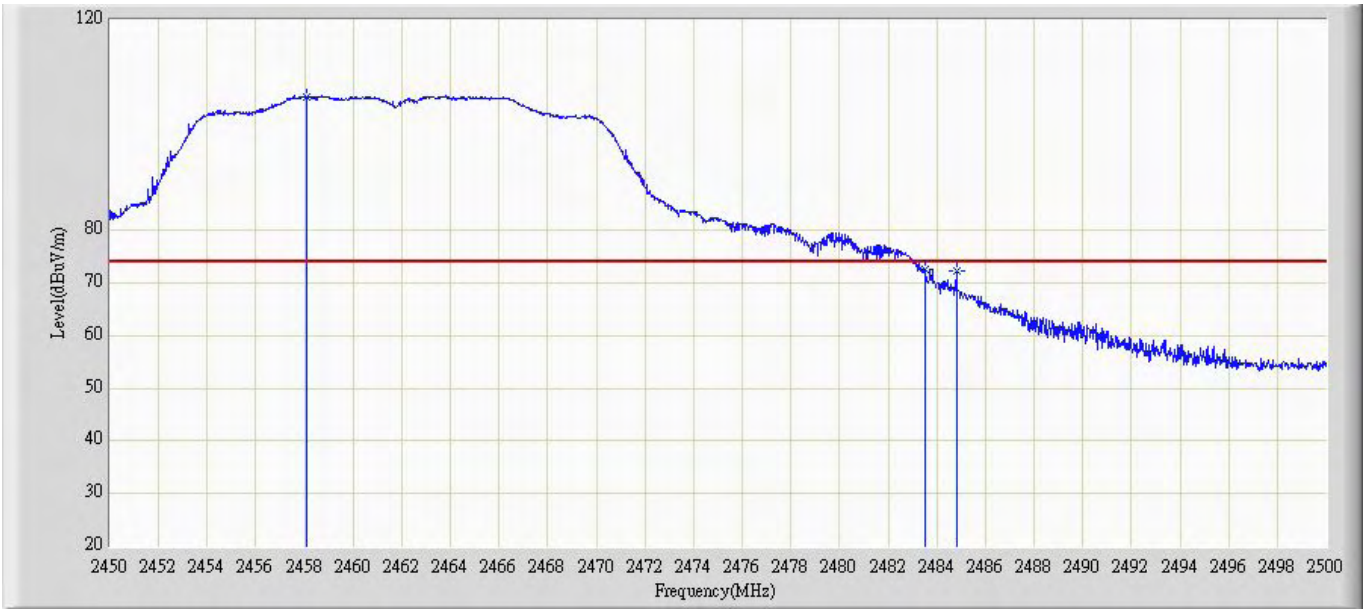
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	71.083	40.528	-2.917	74.000	30.555	PK
2	*	2408.560	105.246	74.689	N/A	N/A	30.557	PK

Profile: 109S008R	Page No.: 52
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz) (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.993	20.438	-3.007	54.000	30.555	AV
2	*	2409.605	94.793	64.236	N/A	N/A	30.557	AV

Profile: 109S008R	Page No.: 53
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 18:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz) (Chain B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2458.100	105.270	74.810	N/A	N/A	30.460	PK
2		2483.500	72.495	42.173	-1.505	74.000	30.321	PK
3		2484.800	72.207	41.890	-1.793	74.000	30.316	PK

Profile: 109S008R	Page No.: 54
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz) (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.750	95.010	64.588	N/A	N/A	30.422	AV
2		2483.500	53.193	22.871	-0.807	54.000	30.321	AV

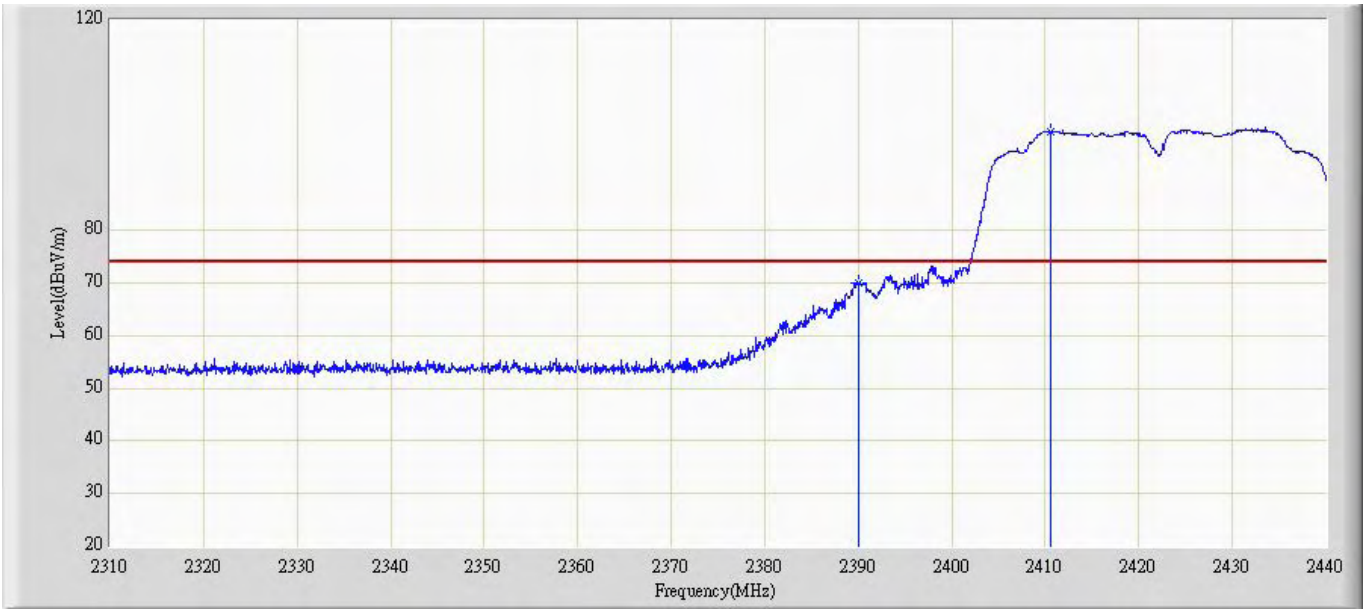
Profile: 109S008R	Page No.: 55
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz) (Chain B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2458.650	106.260	75.803	N/A	N/A	30.457	PK
2		2483.500	70.310	39.988	-3.690	74.000	30.321	PK

Profile: 109S008R	Page No.: 56
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz) (Chain B)	

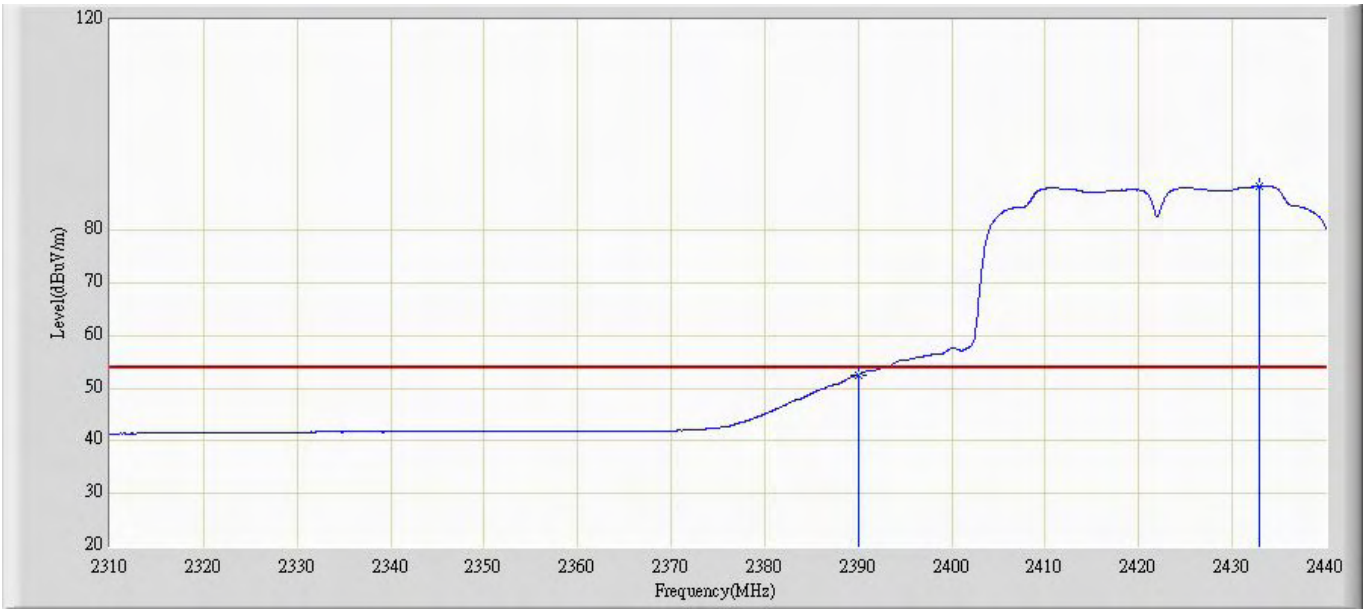
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.375	95.347	64.894	N/A	N/A	30.453	AV
2		2483.500	51.483	21.161	-2.517	54.000	30.321	AV

Profile: 109S008R	Page No.: 57
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz)(Chain B)	



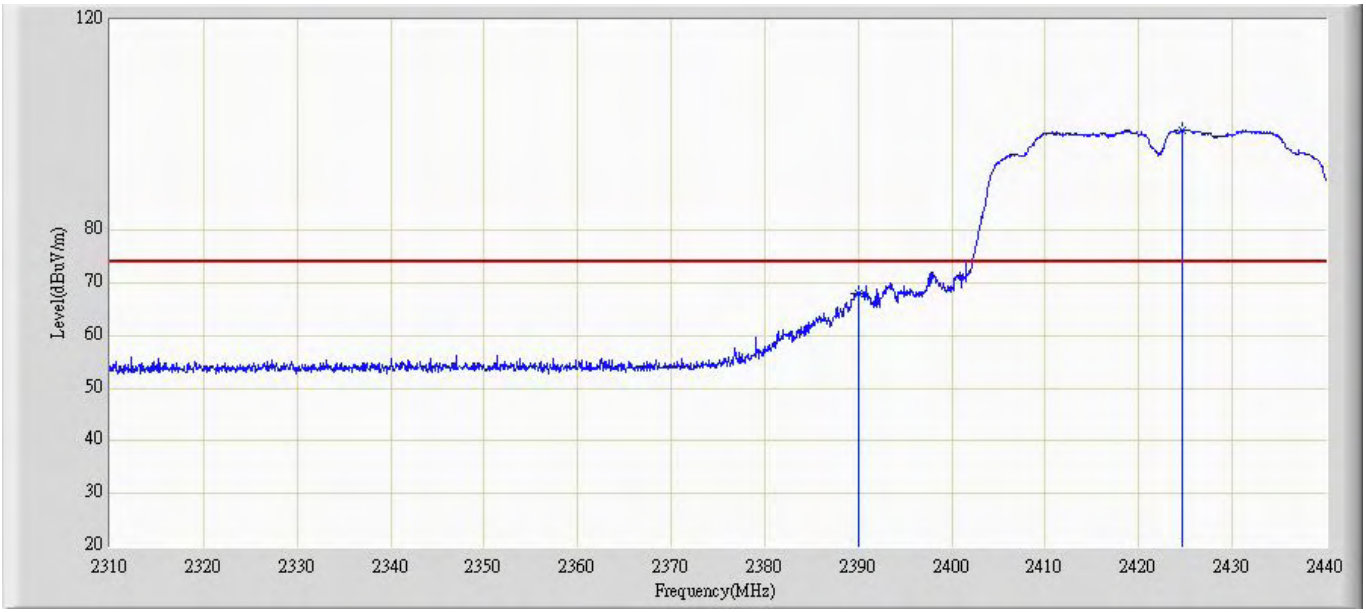
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	69.902	39.347	-4.098	74.000	30.555	PK
2	*	2410.620	98.879	68.323	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 58
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain B)	



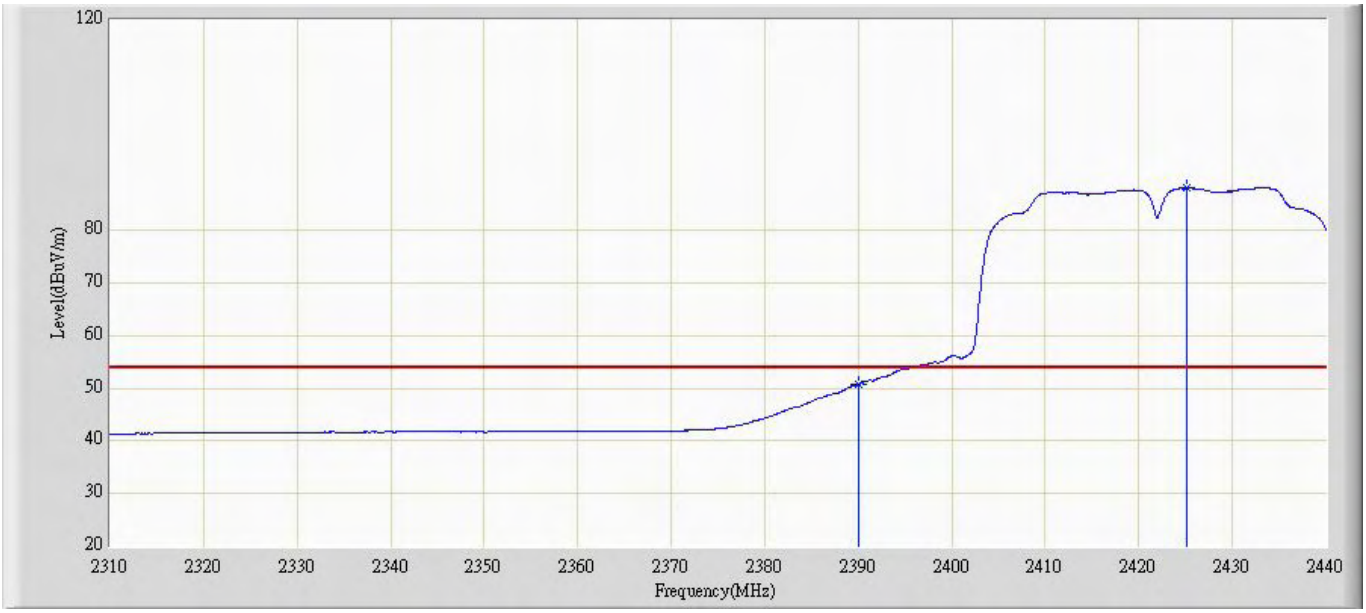
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.549	21.994	-1.451	54.000	30.555	AV
2	*	2432.915	88.482	57.933	N/A	N/A	30.549	AV

Profile: 109S008R	Page No.: 59
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain B)	



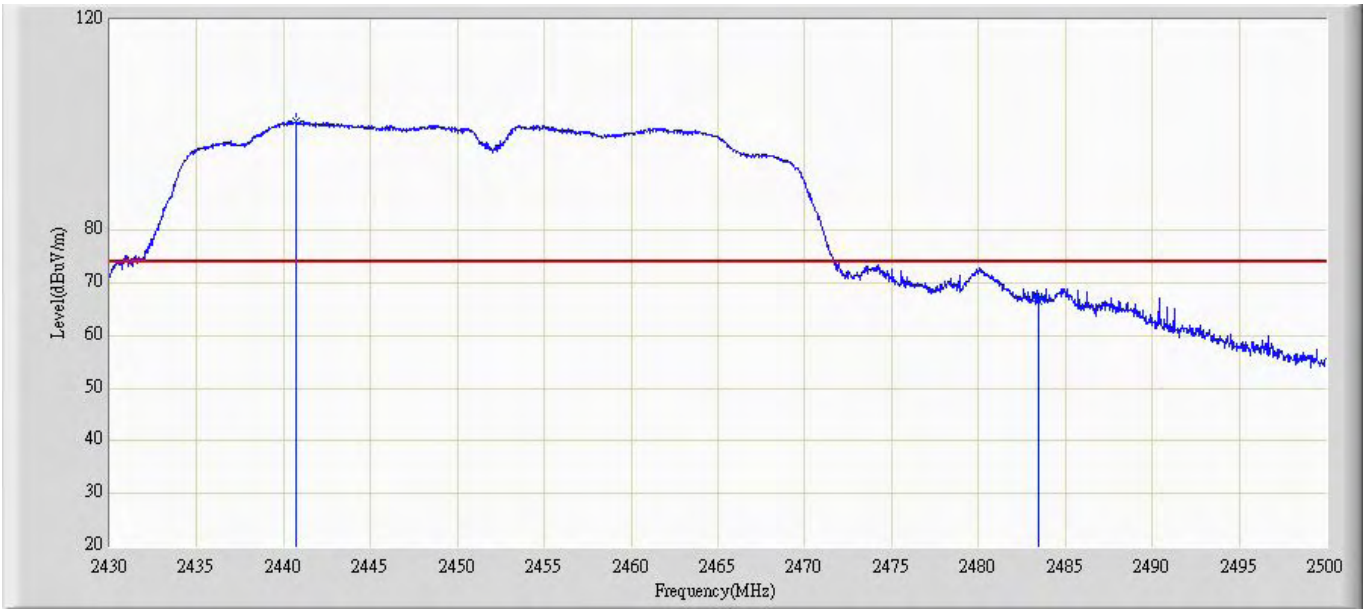
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	67.845	37.290	-6.155	74.000	30.555	PK
2	*	2424.660	99.095	68.540	N/A	N/A	30.555	PK

Profile: 109S008R	Page No.: 60
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain B)	



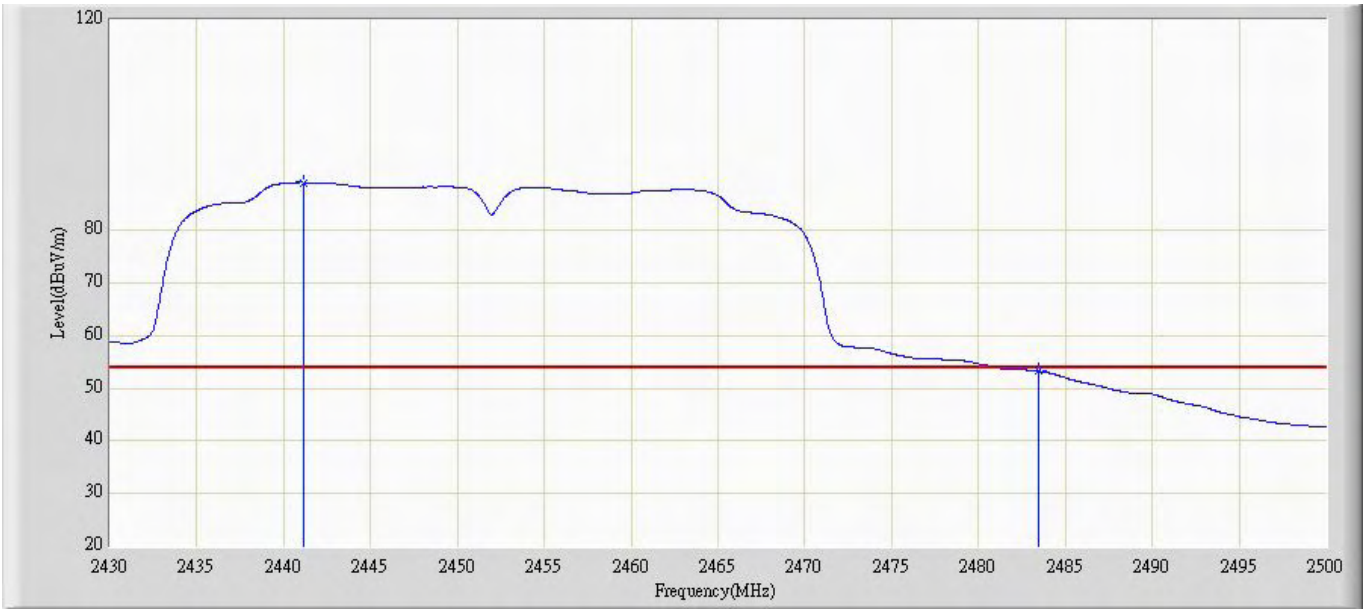
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.751	20.196	-3.249	54.000	30.555	AV
2	*	2425.050	87.984	57.429	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 61
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain B)	



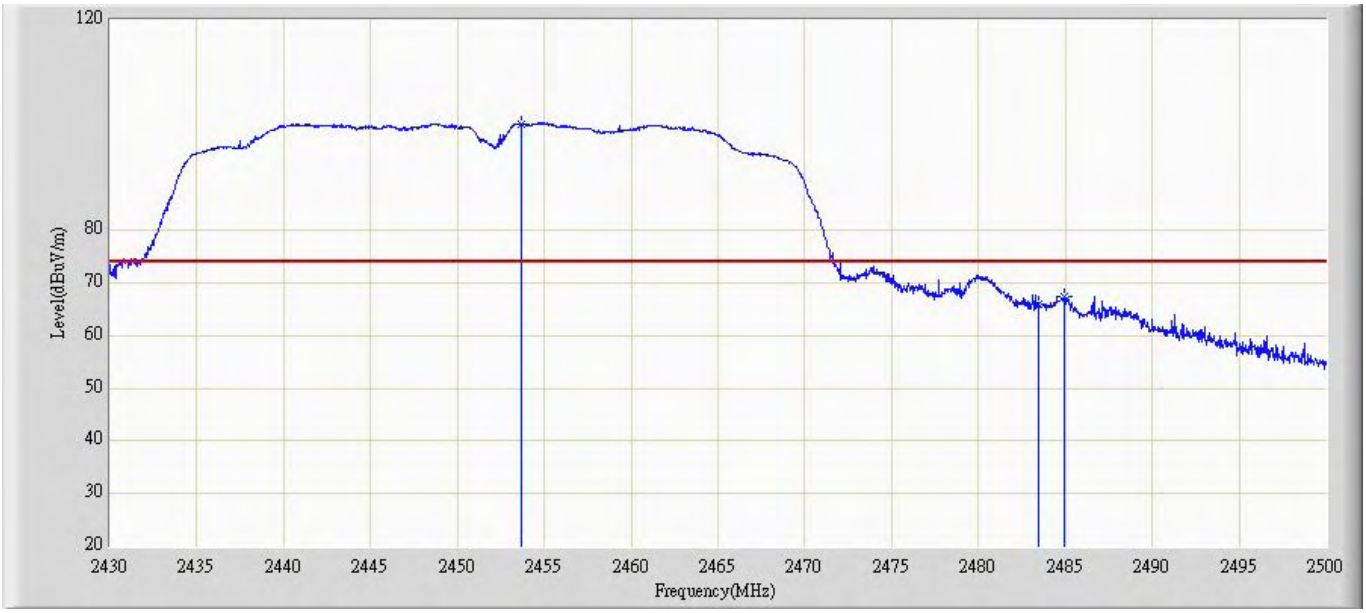
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2440.710	100.640	70.100	N/A	N/A	30.540	PK
2		2483.500	66.436	36.114	-7.564	74.000	30.321	PK

Profile: 109S008R	Page No.: 62
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain B)	



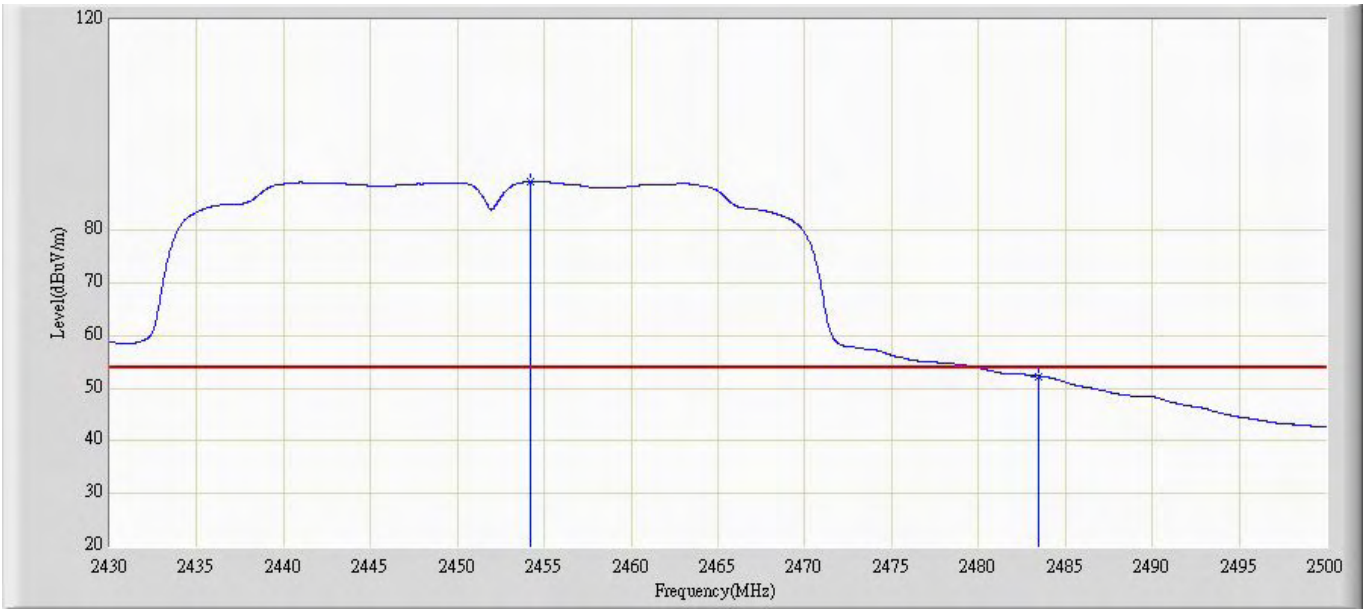
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2441.130	89.107	58.568	N/A	N/A	30.539	AV
2		2483.500	53.194	22.872	-0.806	54.000	30.321	AV

Profile: 109S008R	Page No.: 63
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain B)	



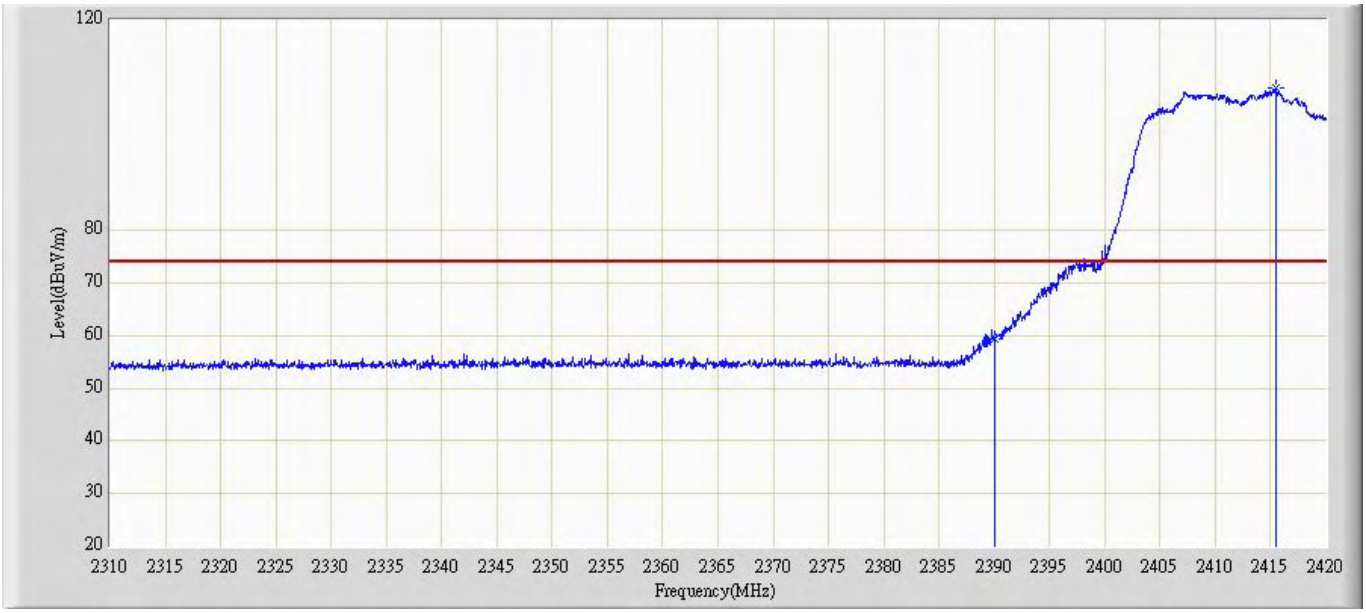
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2453.660	100.283	69.798	N/A	N/A	30.485	PK
2		2483.500	65.874	35.552	-8.126	74.000	30.321	PK
3		2484.950	67.416	37.100	-6.584	74.000	30.316	PK

Profile: 109S008R	Page No.: 64
Engineer: Jame	
Site: AC5	Time: 2010/09/11 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz)(Chain B)	



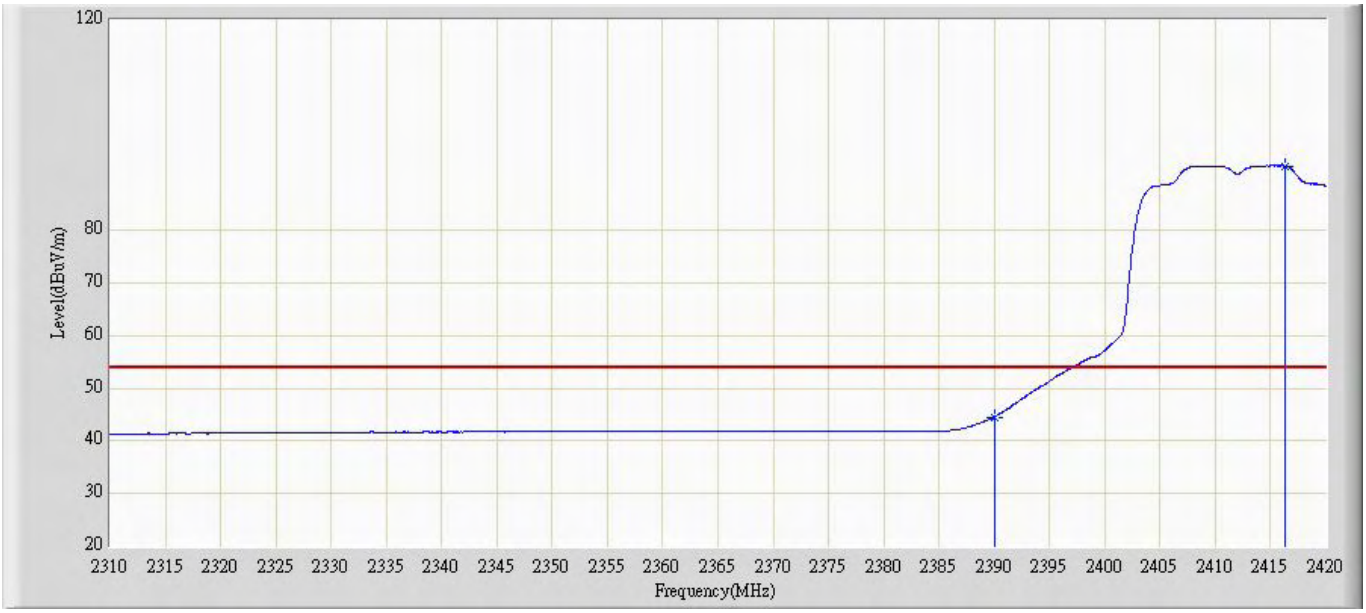
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.185	89.214	58.732	N/A	N/A	30.482	AV
2		2483.500	52.302	21.980	-1.698	54.000	30.321	AV

Profile: 109S008R	Page No.: 65
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz) (Chain A+B)	



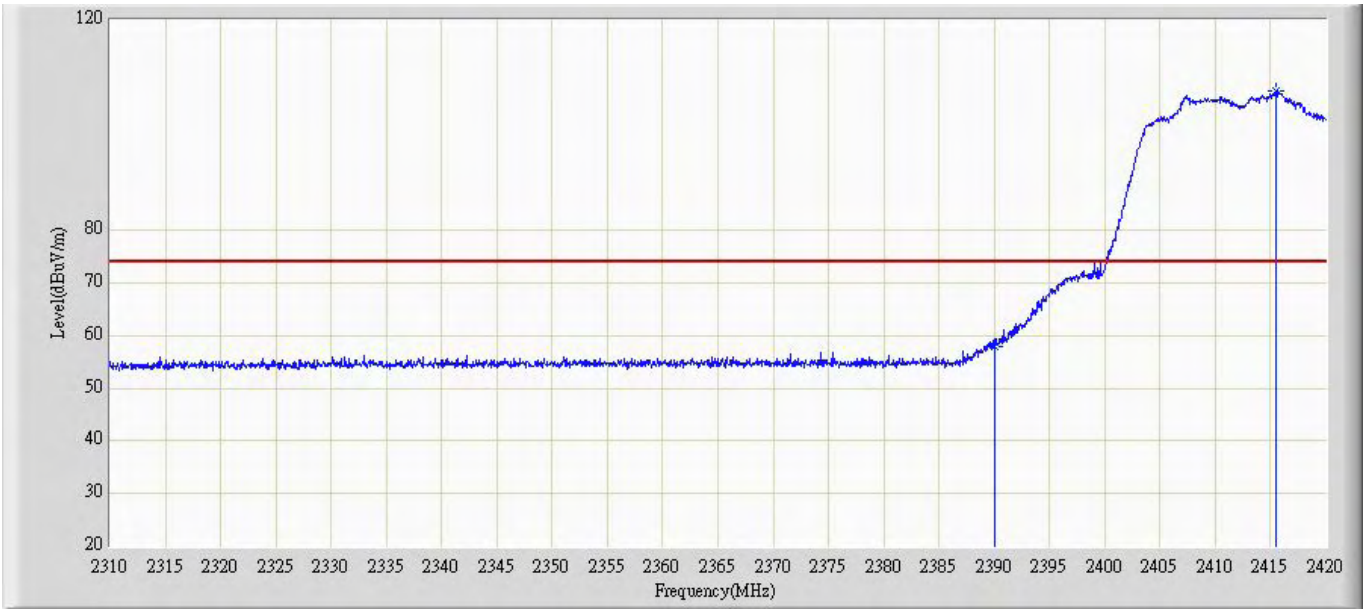
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.295	28.740	-14.705	74.000	30.555	PK
2	*	2415.490	107.039	76.483	N/A	N/A	30.555	PK

Profile: 109S008R	Page No.: 66
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz) (Chain A+B)	



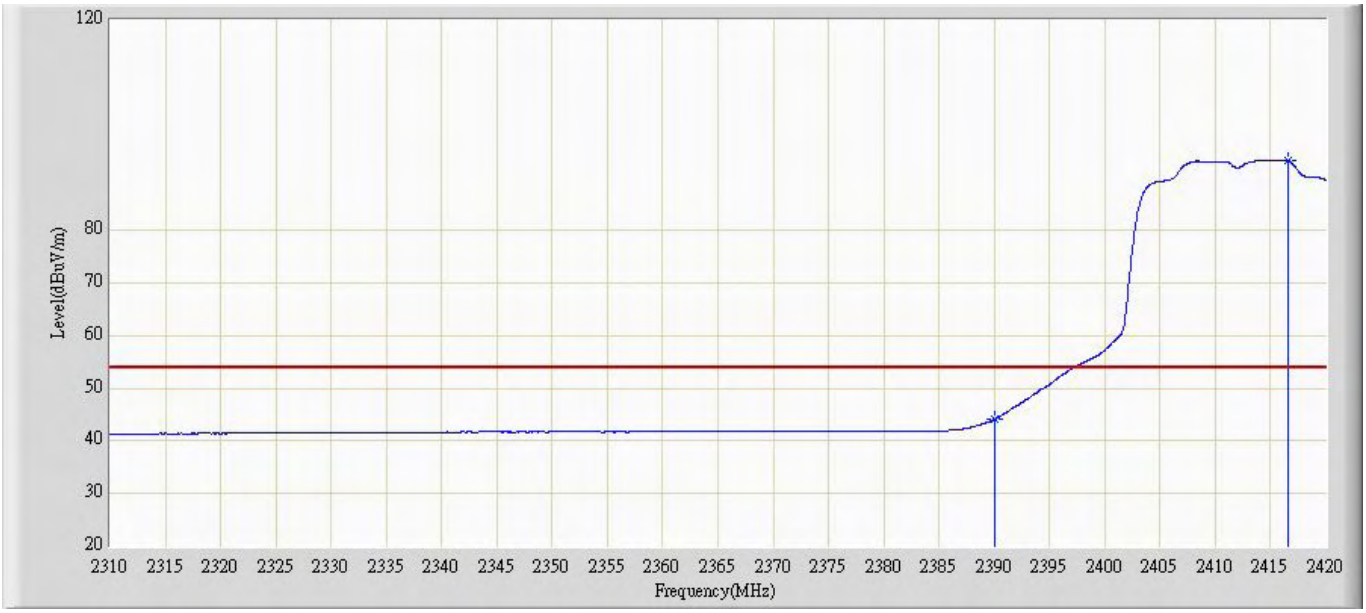
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.531	13.976	-9.469	54.000	30.555	AV
2	*	2416.315	92.238	61.682	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 67
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz) (Chain A+B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	57.883	27.328	-16.117	74.000	30.555	PK
2	*	2415.490	106.496	75.940	N/A	N/A	30.555	PK

Profile: 109S008R	Page No.: 68
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz By 802.11n(20MHz)(Chain A+B)	

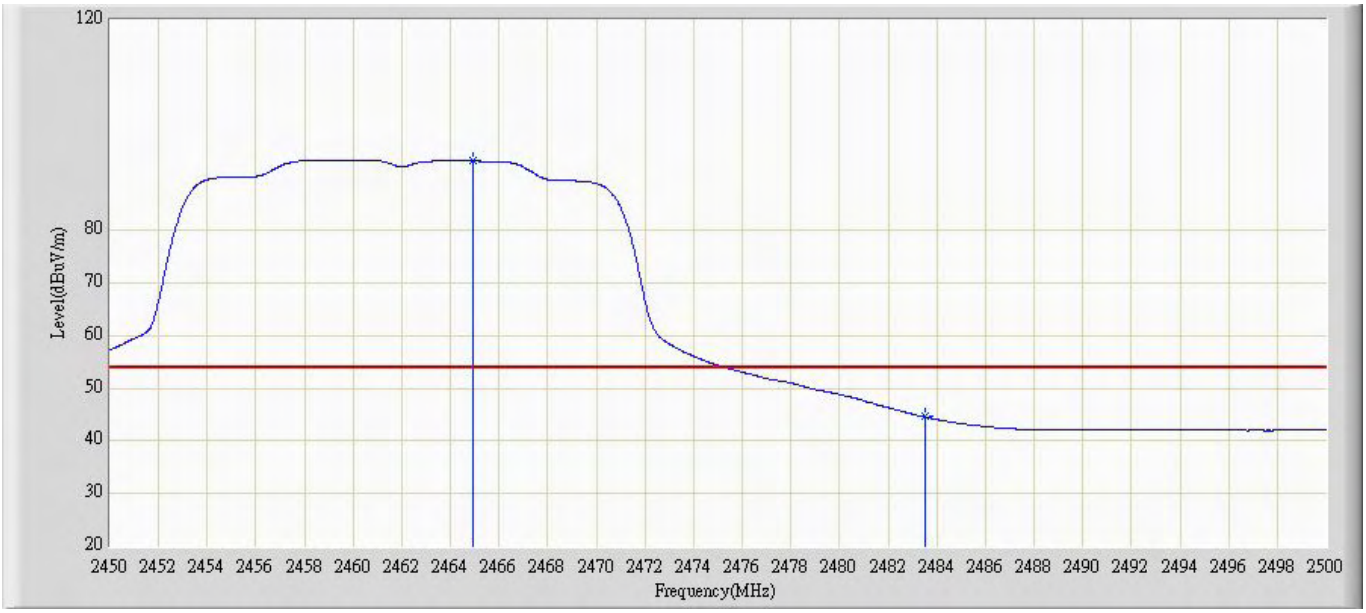


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.097	13.542	-9.903	54.000	30.555	AV
2	*	2416.645	93.208	62.652	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 69
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz)(Chain A+B)	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2465.325	106.267	75.848	N/A	N/A	30.419	PK
2		2483.500	58.544	28.222	-15.456	74.000	30.321	PK

Profile: 109S008R	Page No.: 70
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz)(Chain A+B)	

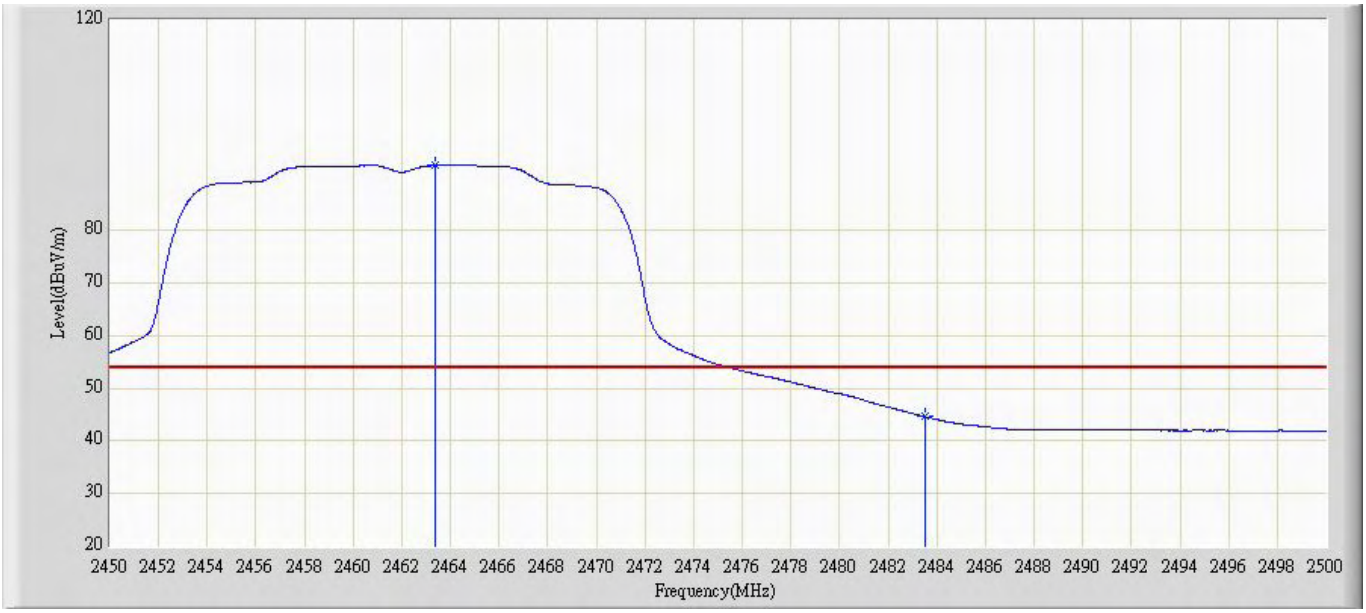


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.925	93.172	62.751	N/A	N/A	30.421	AV
2		2483.500	44.569	14.247	-9.431	54.000	30.321	AV

Profile: 109S008R	Page No.: 71
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz) (Chain A+B)	

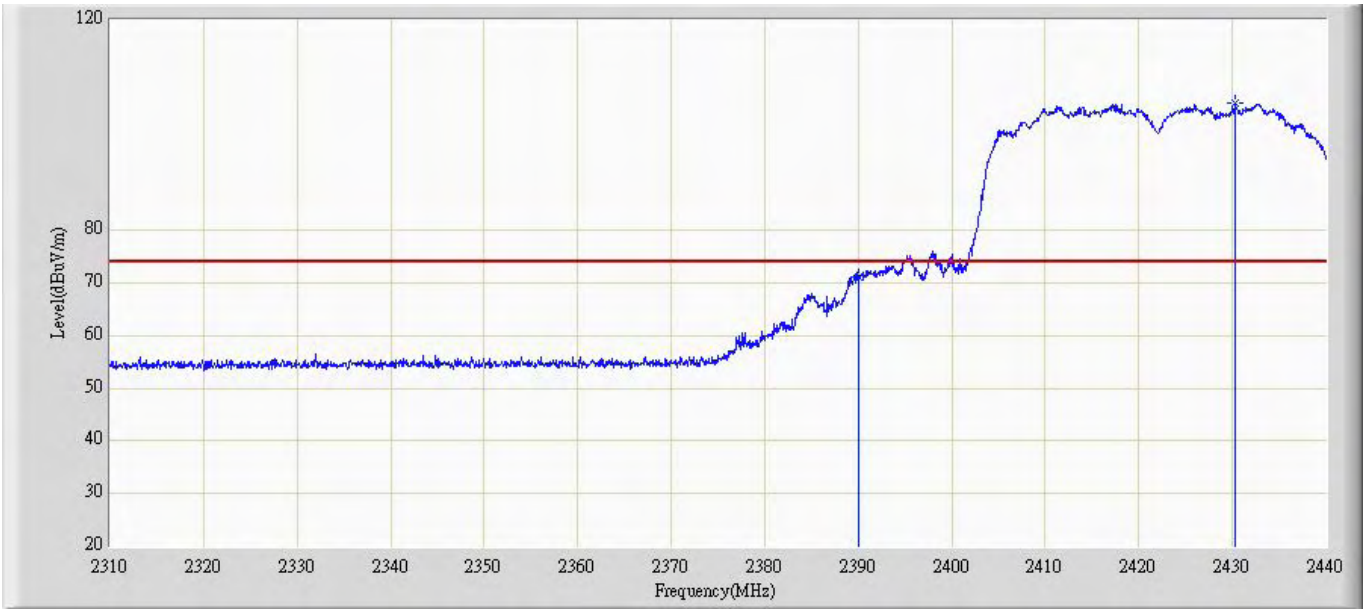
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2465.625	105.720	75.303	N/A	N/A	30.418	PK
2		2483.500	58.601	28.279	-15.399	74.000	30.321	PK

Profile: 109S008R	Page No.: 72
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz By 802.11n(20MHz)(Chain A+B)	



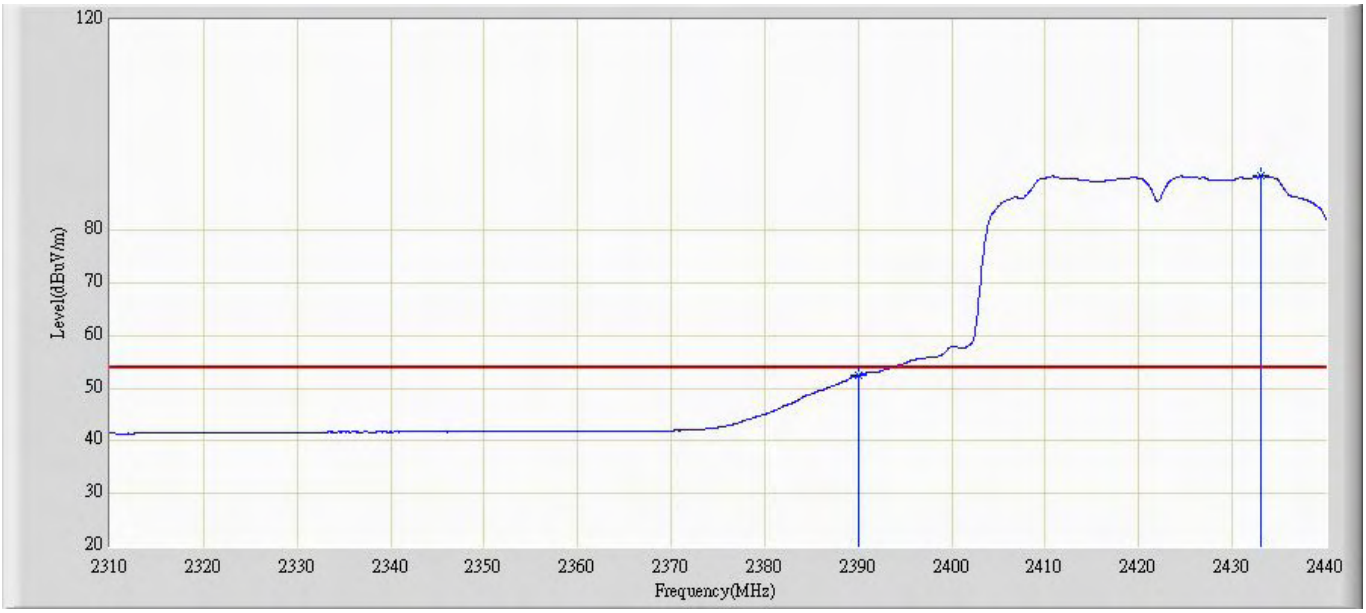
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.350	92.316	61.886	N/A	N/A	30.430	AV
2		2483.500	44.601	14.279	-9.399	54.000	30.321	AV

Profile: 109S008R	Page No.: 73
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain A+B)	



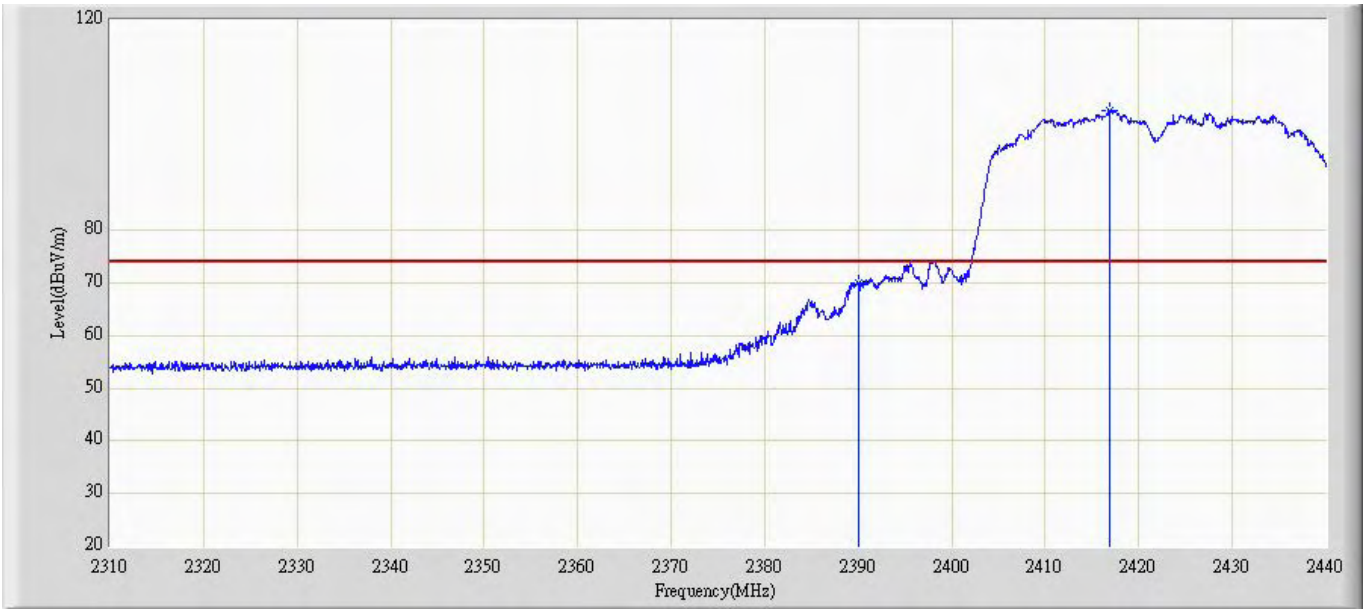
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	71.106	40.551	-2.894	74.000	30.555	PK
2	*	2430.250	104.080	73.528	N/A	N/A	30.552	PK

Profile: 109S008R	Page No.: 74
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain A+B)	



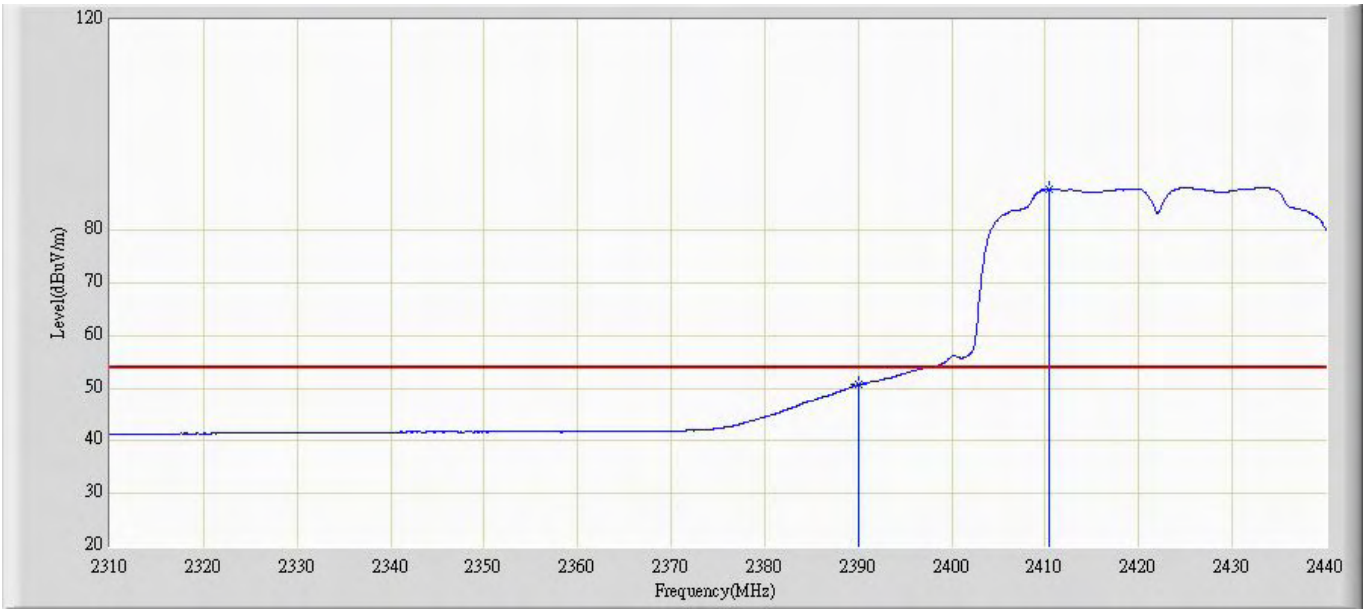
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.438	21.883	-1.562	54.000	30.555	AV
2	*	2433.045	90.348	59.799	N/A	N/A	30.549	AV

Profile: 109S008R	Page No.: 75
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain A+B)	



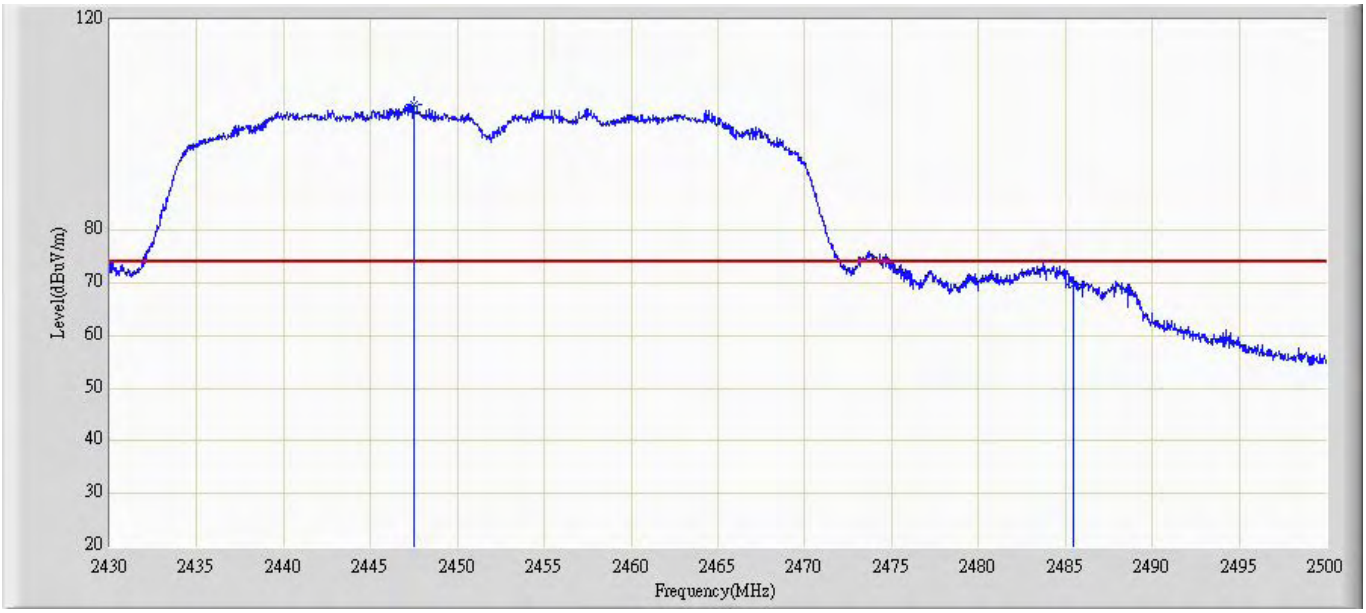
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	70.078	39.523	-3.922	74.000	30.555	PK
2	*	2416.925	102.766	72.210	N/A	N/A	30.556	PK

Profile: 109S008R	Page No.: 76
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz By 802.11n(40MHz) (Chain A+B)	



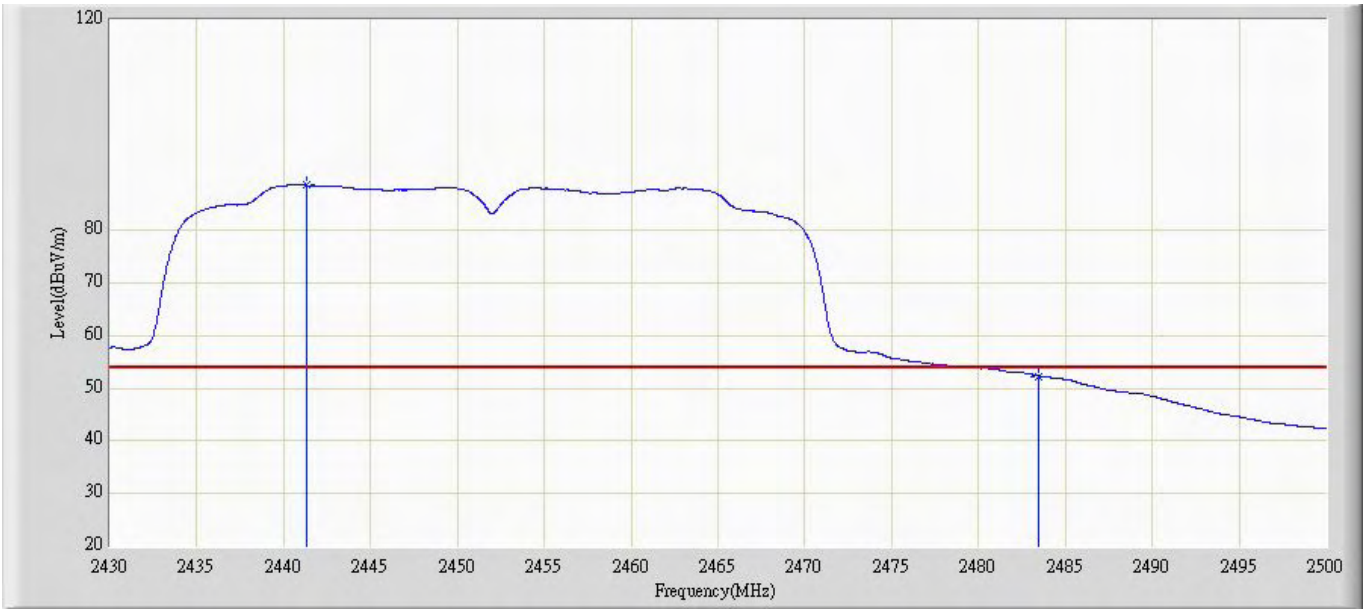
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.649	20.094	-3.351	54.000	30.555	AV
2	*	2410.360	87.875	57.319	N/A	N/A	30.556	AV

Profile: 109S008R	Page No.: 77
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain A+B)	



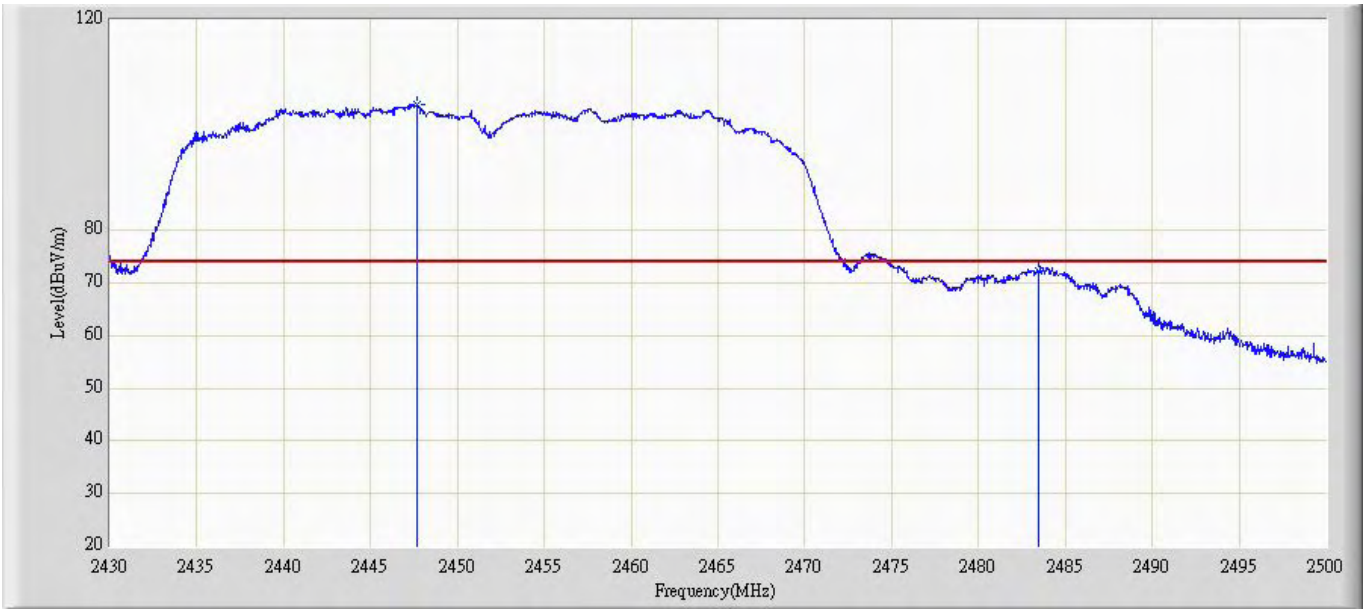
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2447.465	103.881	73.361	N/A	N/A	30.520	PK
2		2485.500	69.823	39.509	-4.177	74.000	30.314	PK

Profile: 109S008R	Page No.: 78
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Horizontal
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain A+B)	



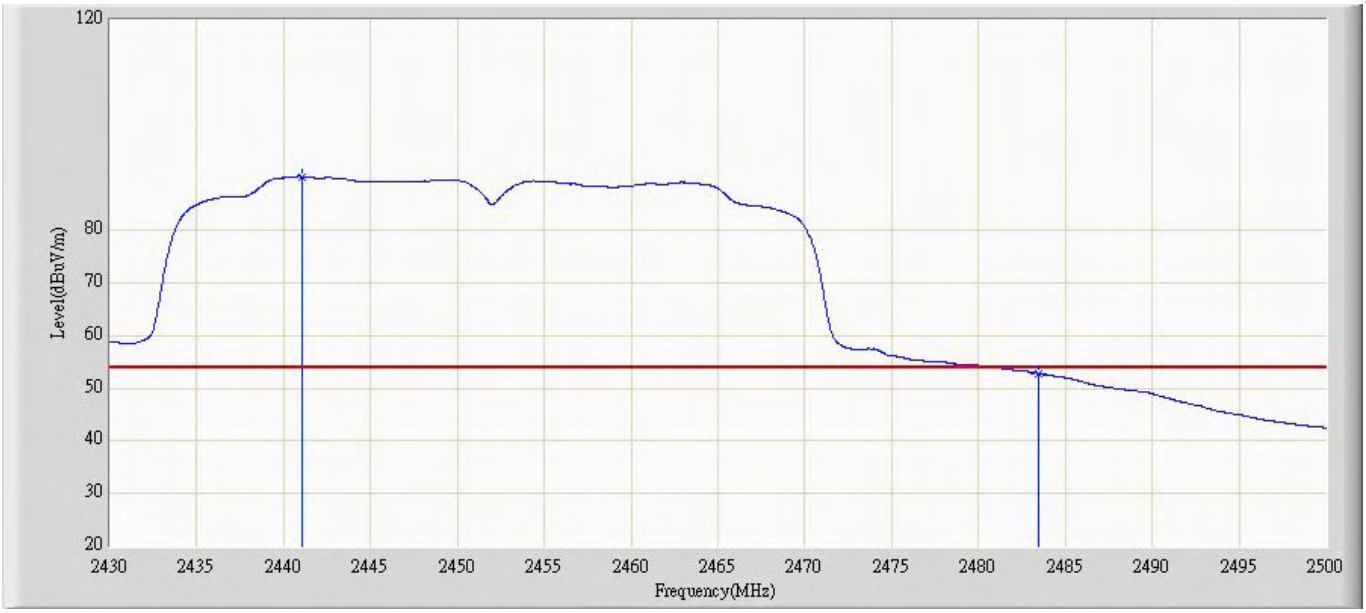
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2441.340	88.556	58.017	N/A	N/A	30.538	AV
2		2483.500	52.324	22.002	-1.676	54.000	30.321	AV

Profile: 109S008R	Page No.: 79
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz) (Chain A+B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2447.675	103.810	73.291	N/A	N/A	30.519	PK
2		2483.500	72.240	41.918	-1.760	74.000	30.321	PK

Profile: 109S008R	Page No.: 80
Engineer: Jame	
Site: AC5	Time: 2010/09/13 - 09:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D-499(1-18GHz)	Polarity: Vertical
EUT: Eee PC	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz By 802.11n(40MHz)(Chain A+B)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2441.025	90.246	59.707	N/A	N/A	30.539	AV
2		2483.500	52.785	22.463	-1.215	54.000	30.321	AV

7. Operation Frequency Range of 20dB Bandwidth

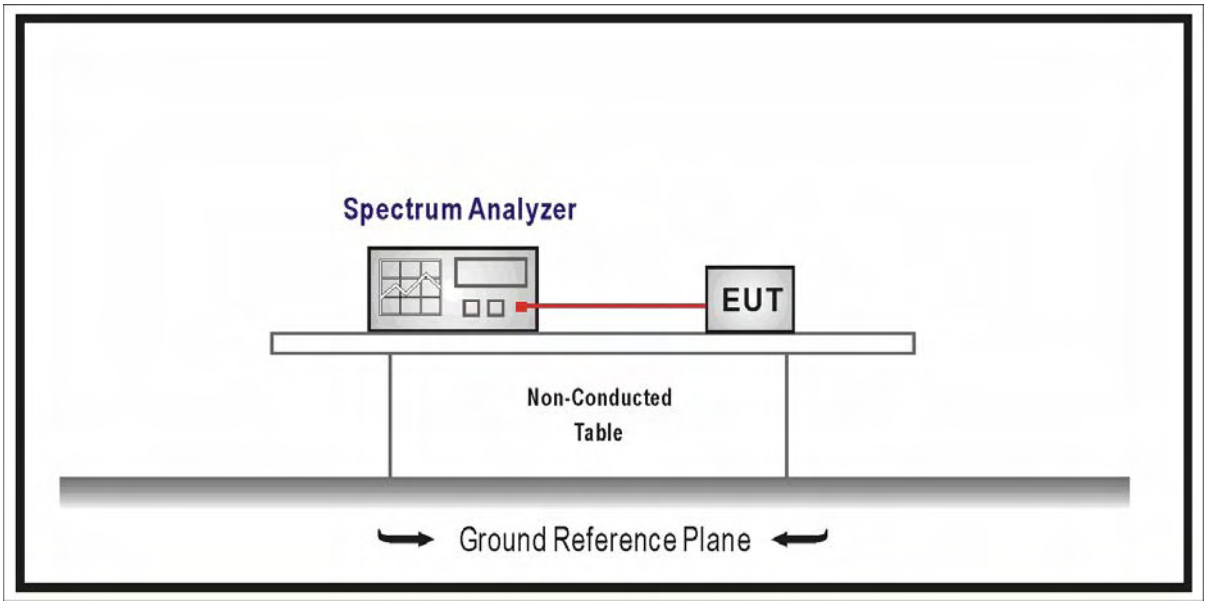
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2010.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2010.01.14

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

7.2. Test Setup



7.3. Limit

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

7.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

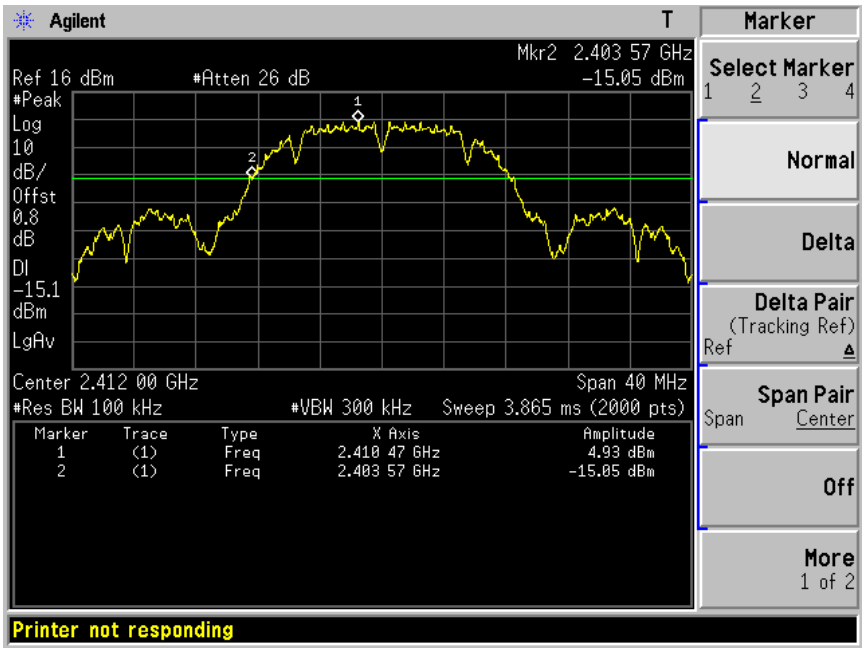
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

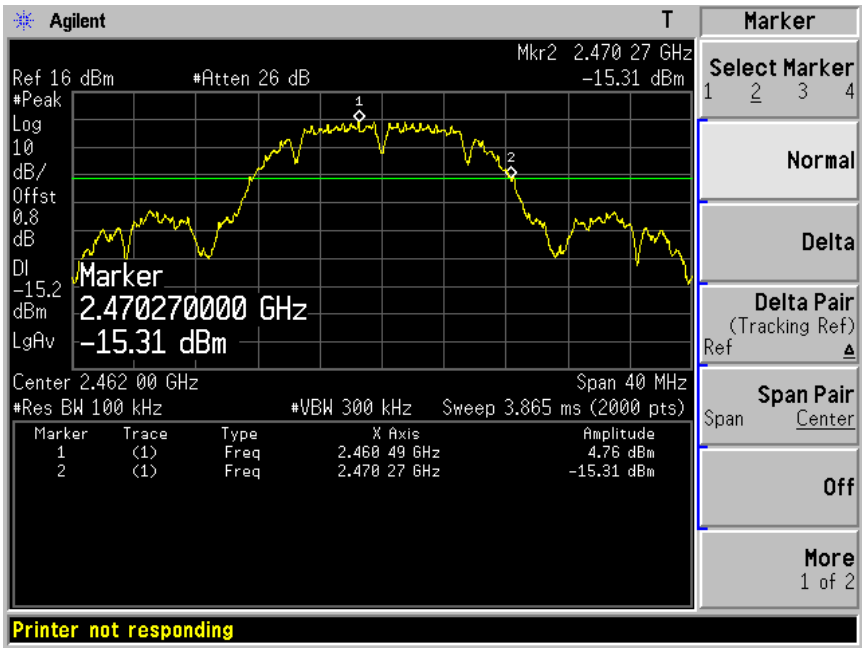
7.6. Test Result

Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain A)

Channel 01 (2412MHz)

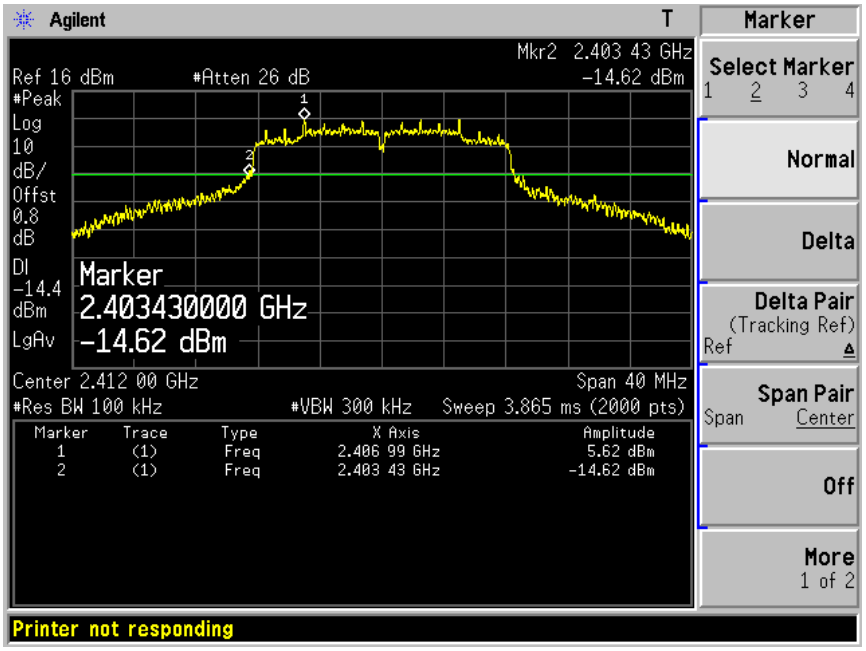


Channel 11 (2462MHz)

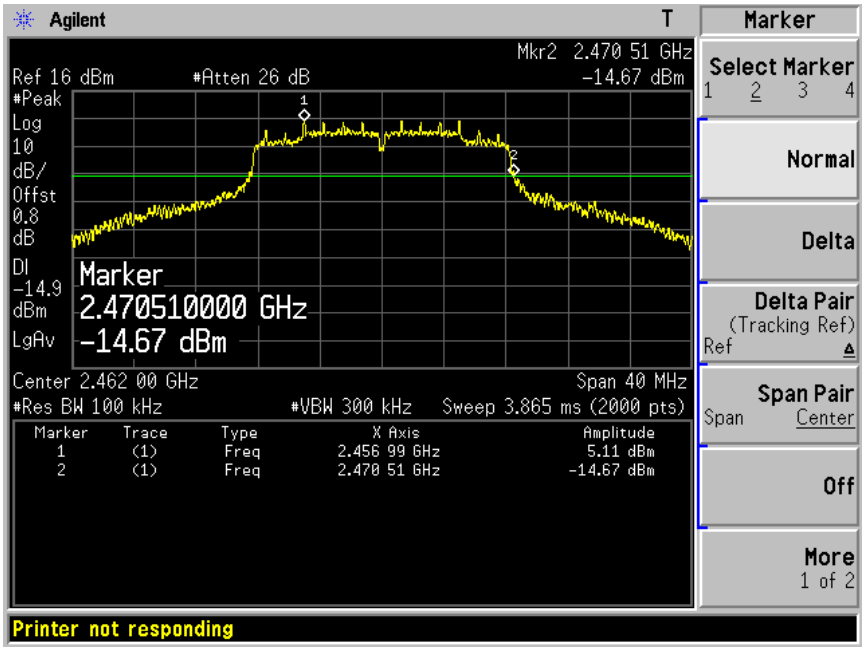


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain A)

Channel 01 (2412MHz)

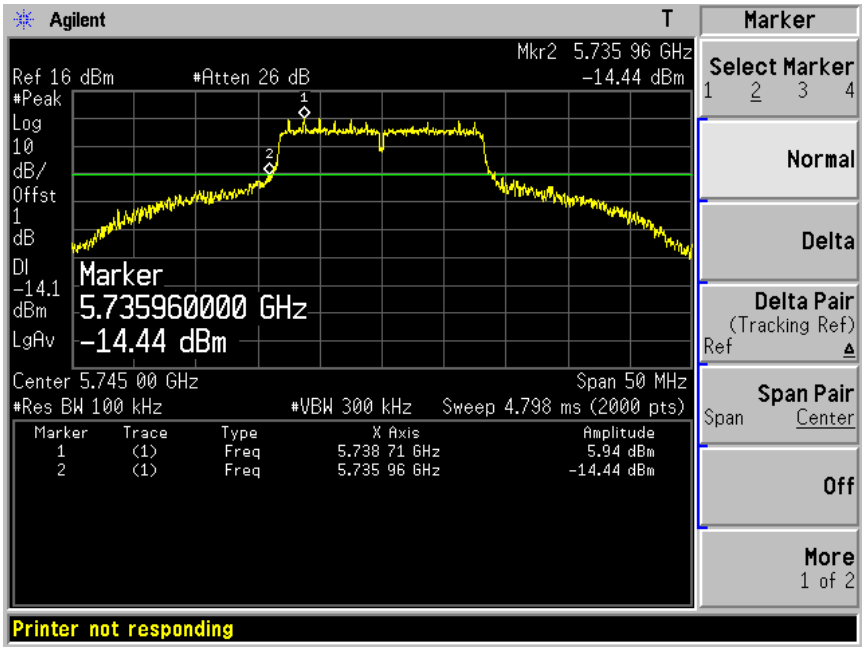


Channel 11 (2462MHz)

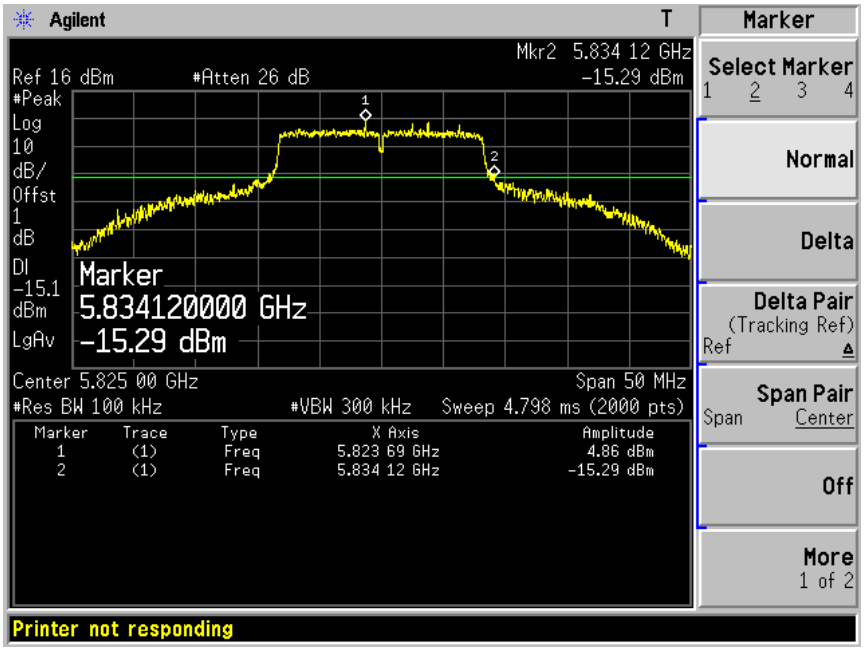


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain A)

Channel 149 (5745MHz)

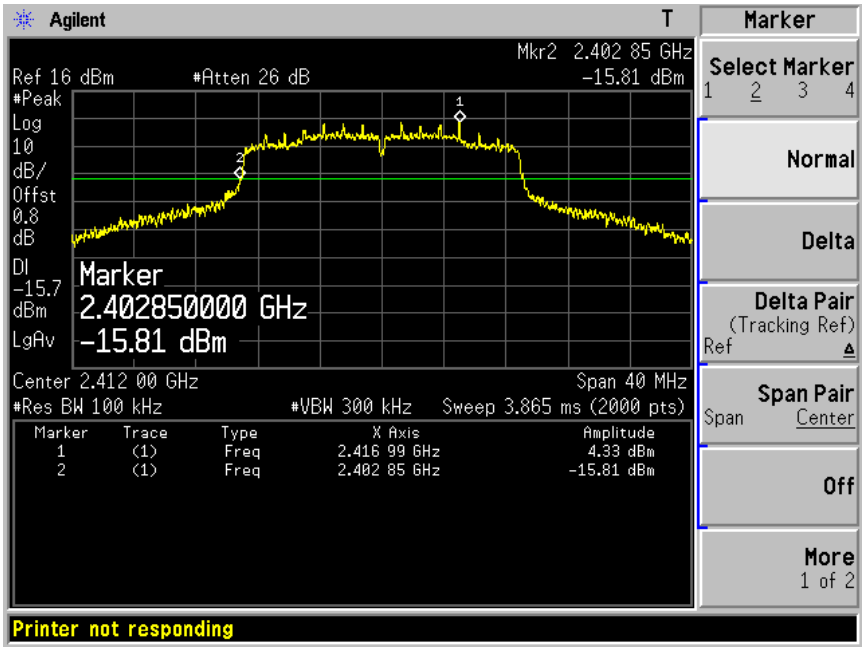


Channel 165 (5825MHz)

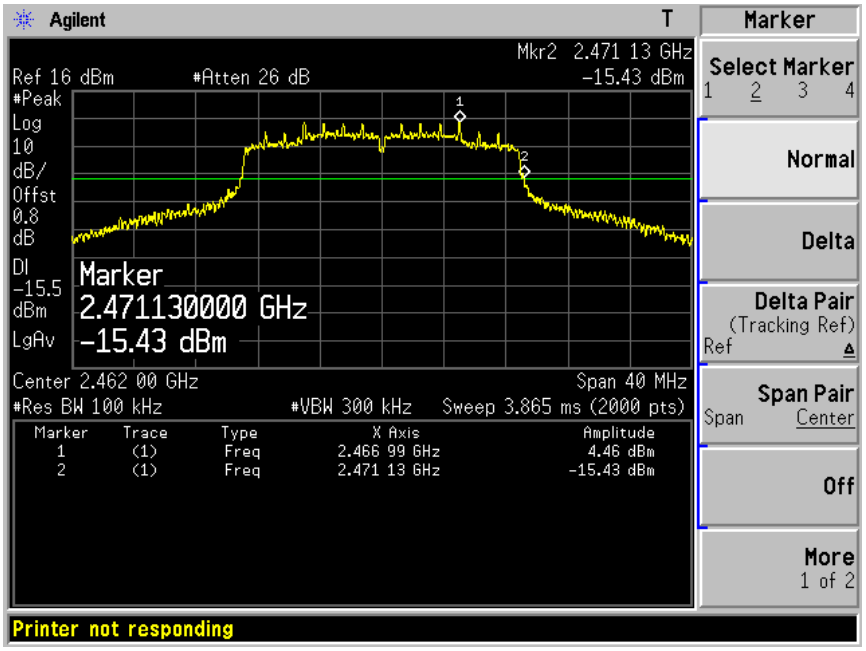


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain A)

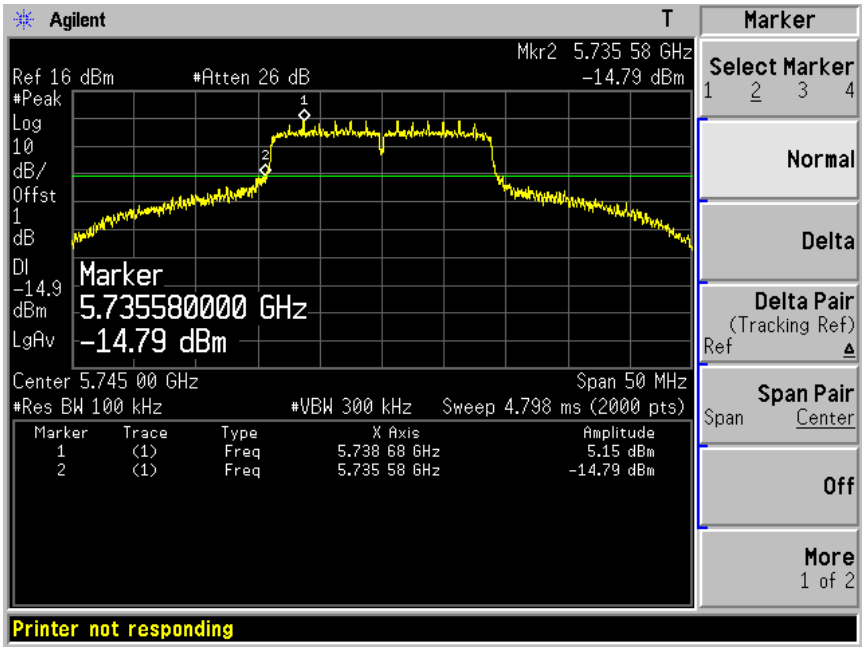
Channel 01 (2412MHz)



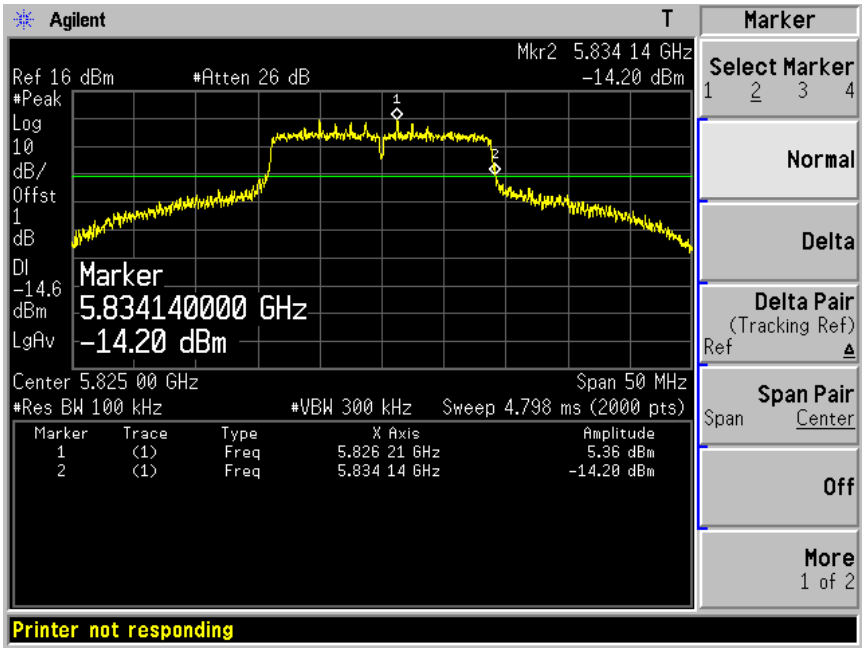
Channel 11 (2462MHz)



Channel 149 (5745MHz)

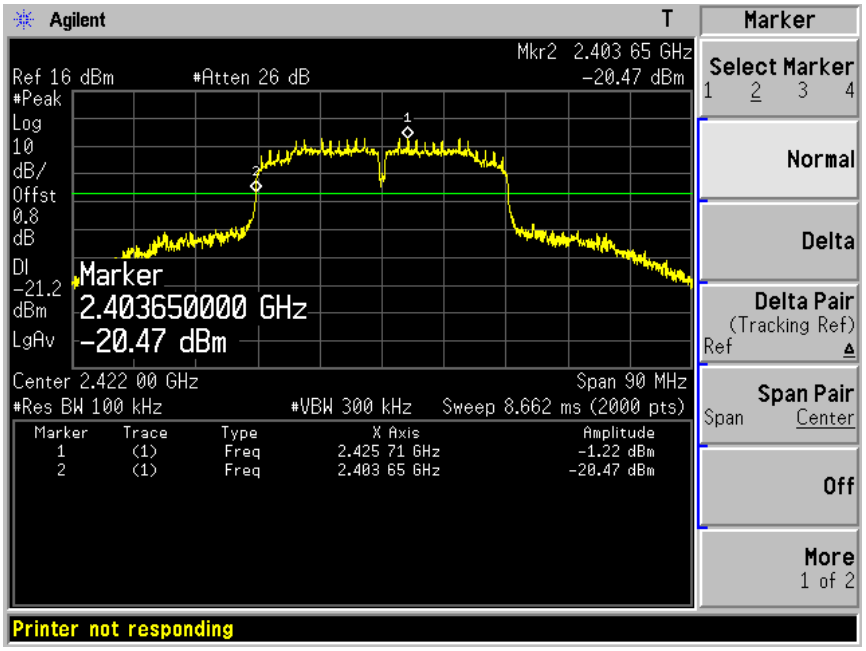


Channel 165 (5825MHz)

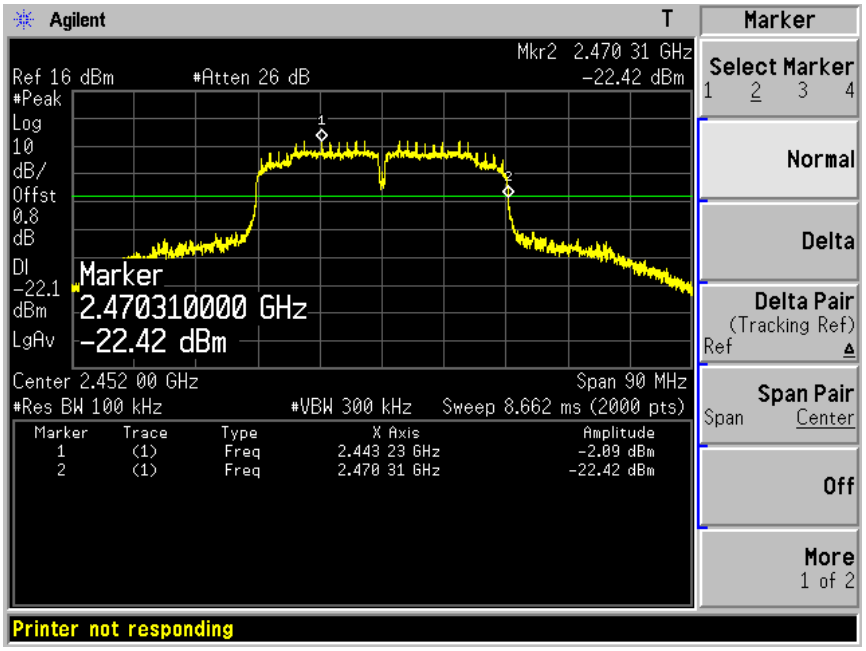


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A)

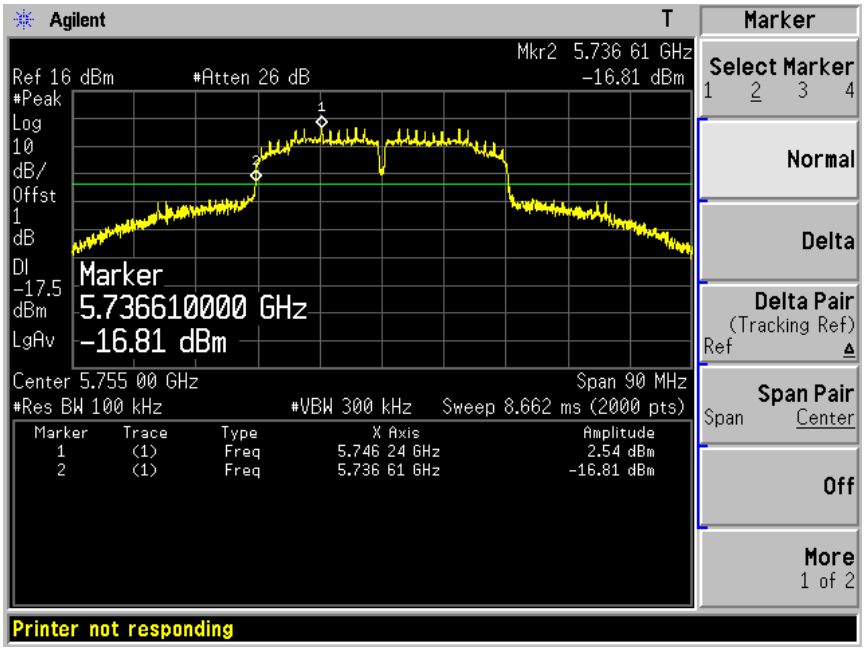
Channel 03 (2422MHz)



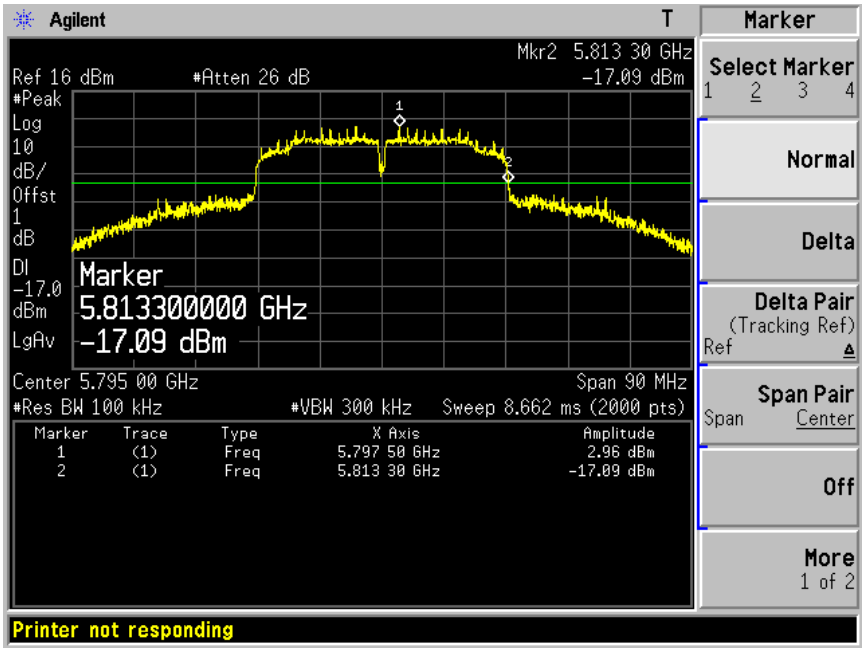
Channel 09 (2452MHz)



Channel 151 (5755MHz)

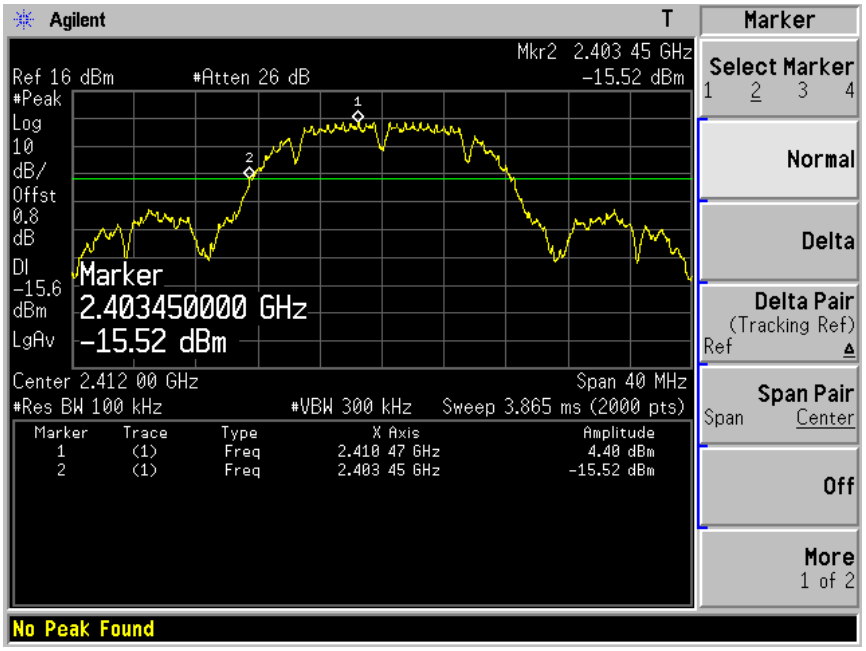


Channel 159 (5795MHz)

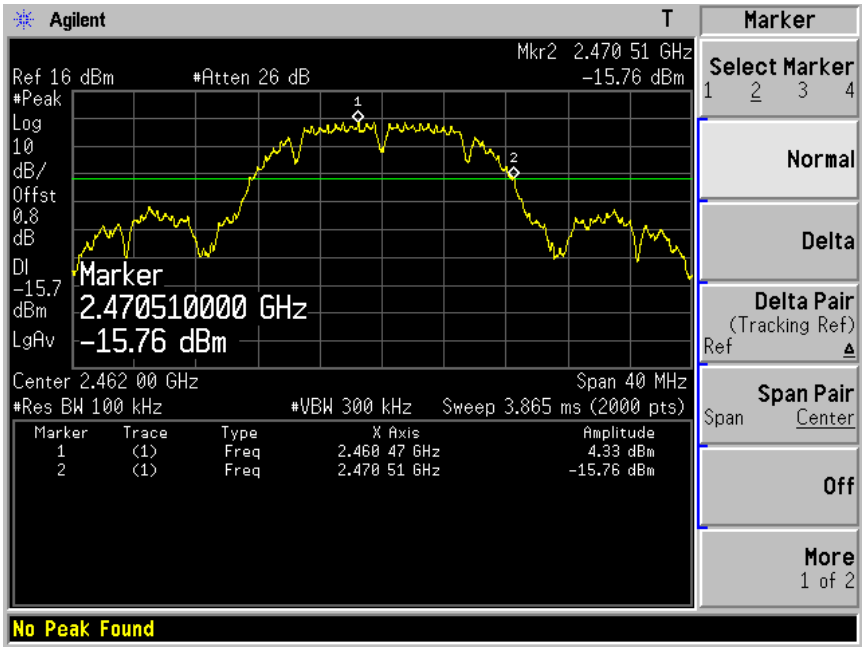


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain B)

Channel 01 (2412MHz)

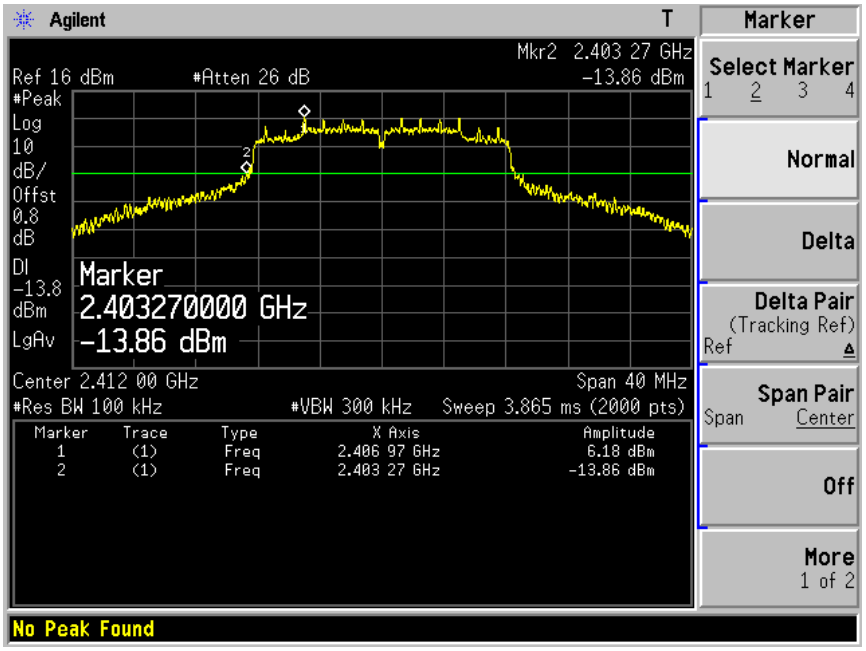


Channel 11 (2462MHz)

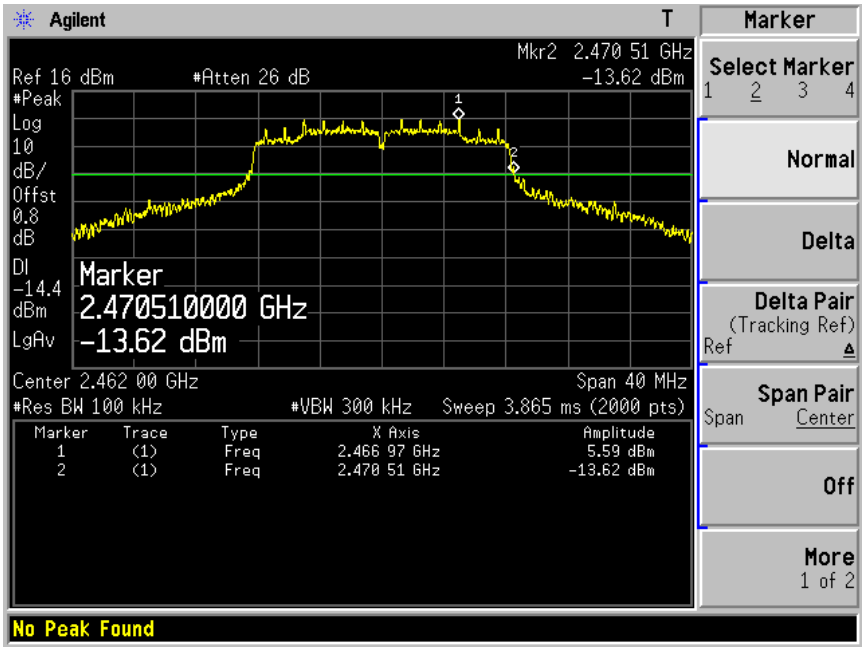


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain B)

Channel 01 (2412MHz)

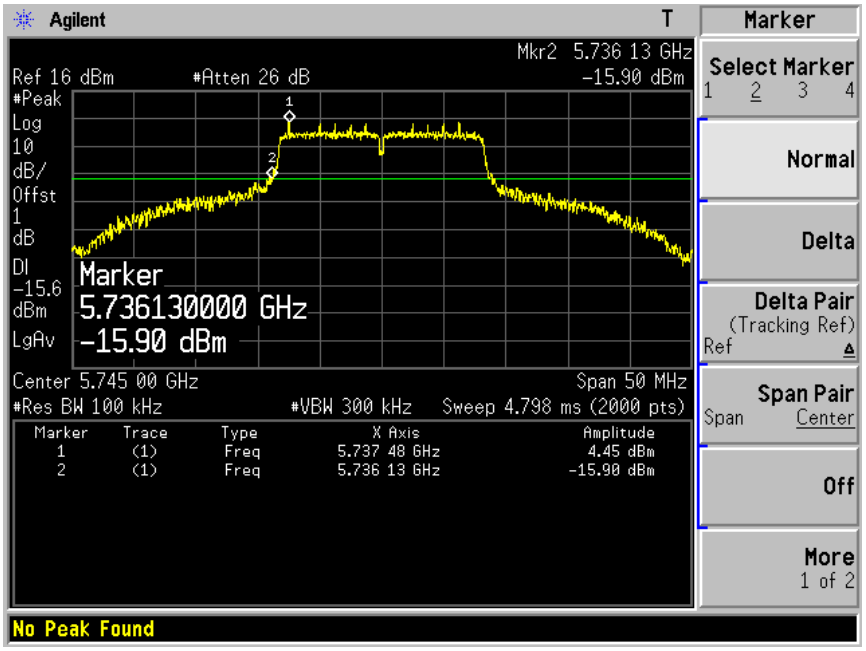


Channel 11 (2462MHz)

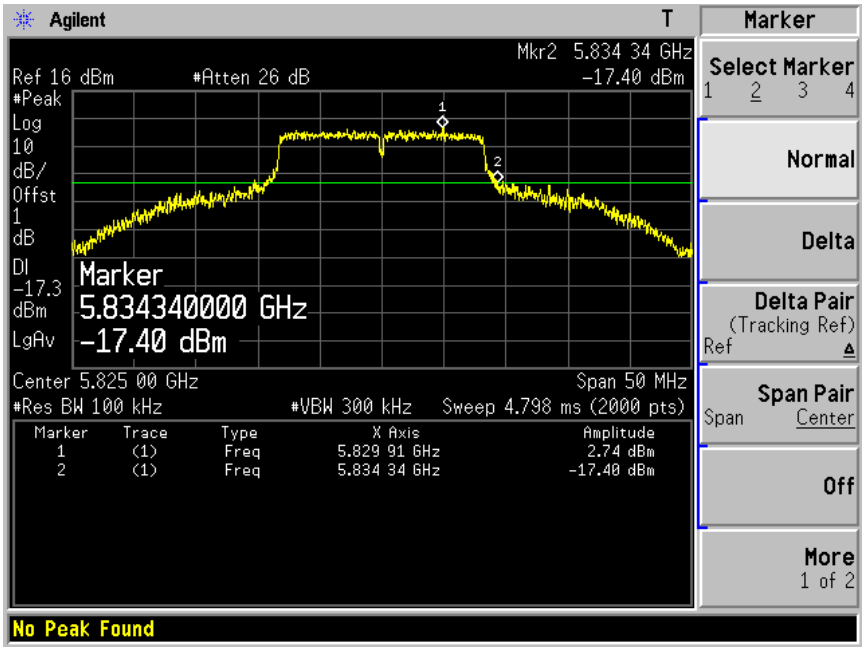


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain B)

Channel 149 (5745MHz)

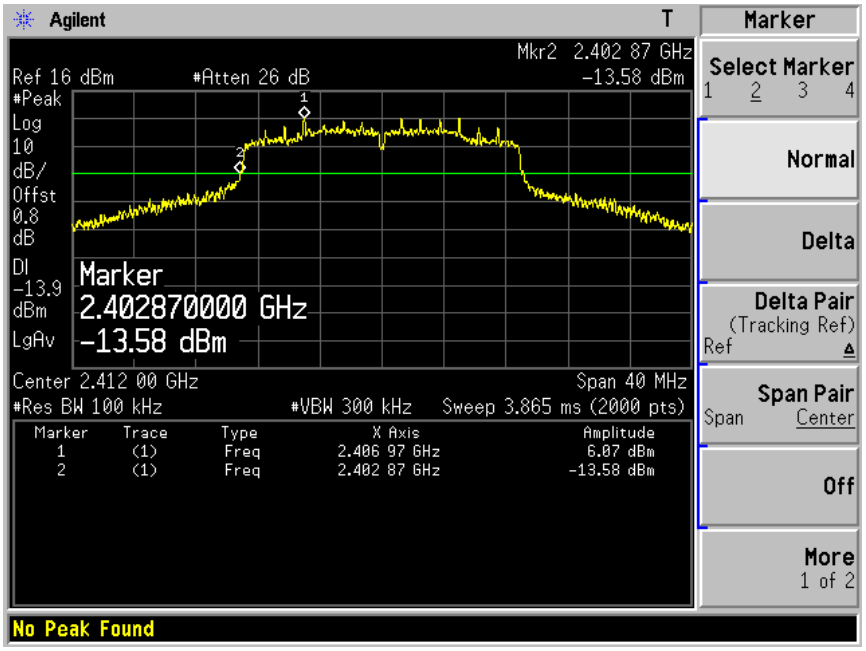


Channel 165 (5825MHz)

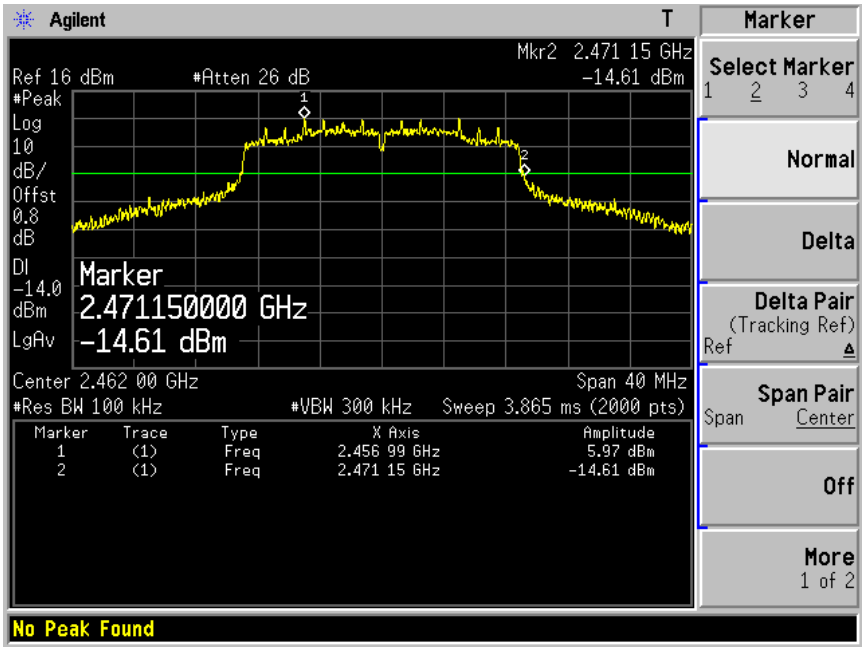


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain B)

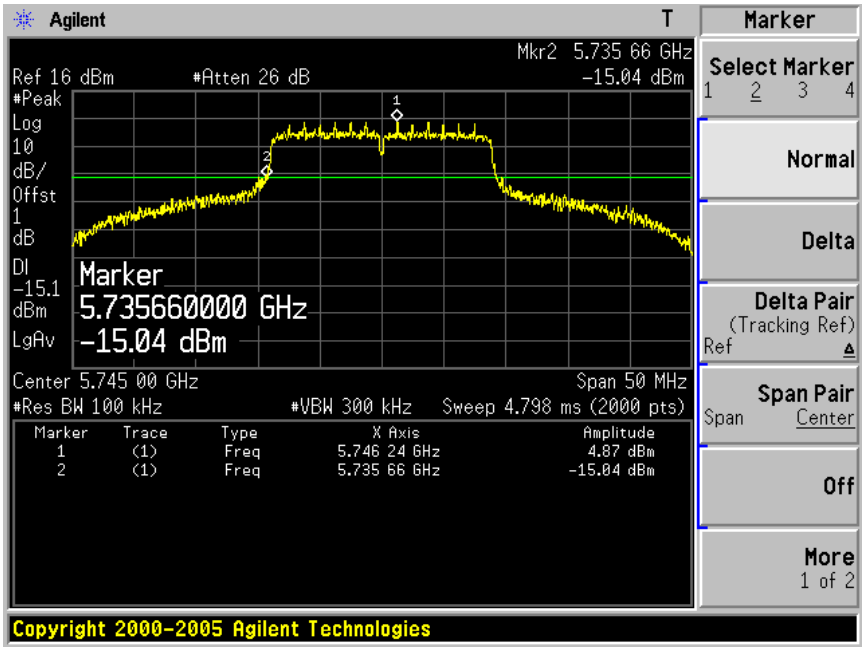
Channel 01 (2412MHz)



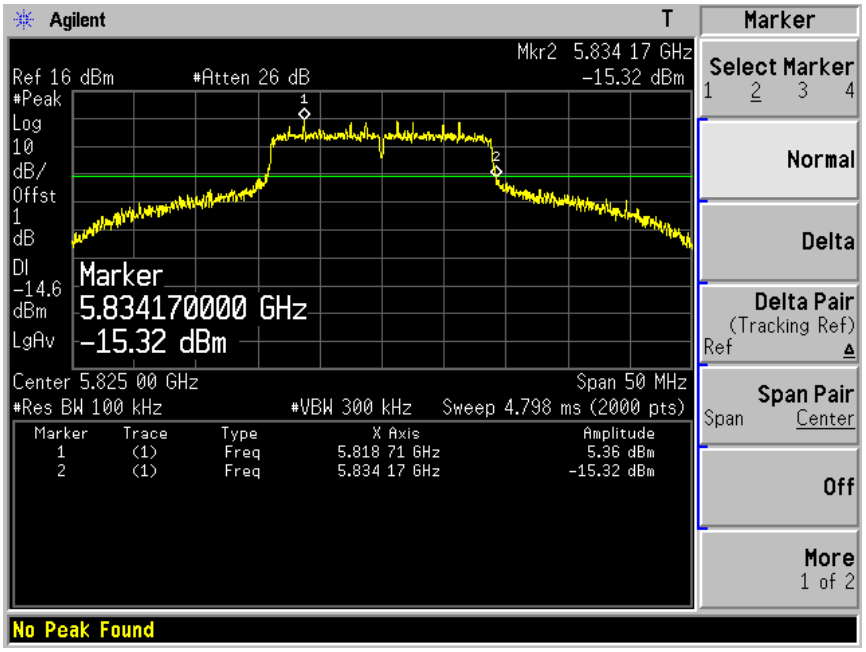
Channel 11 (2462MHz)



Channel 149 (5745MHz)

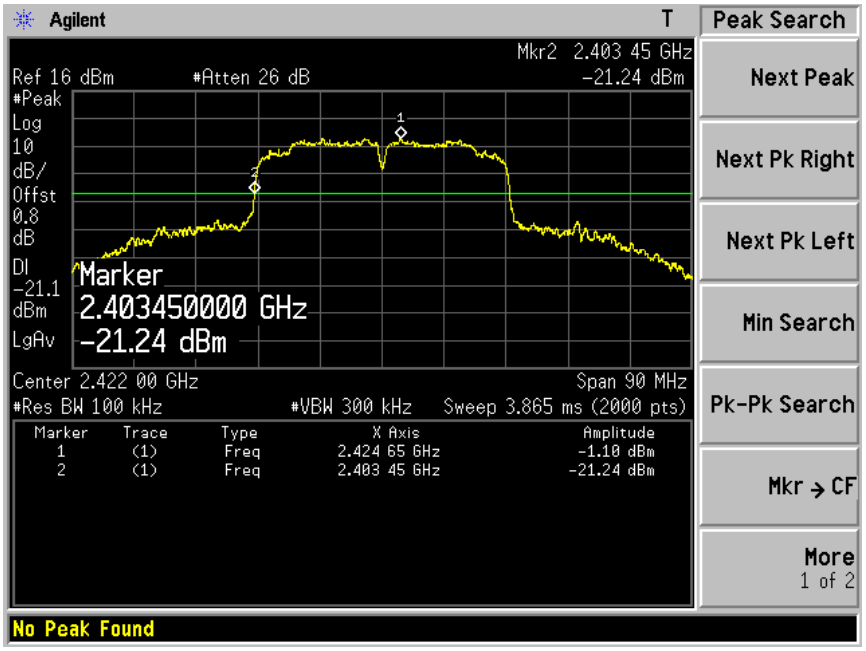


Channel 165 (5825MHz)

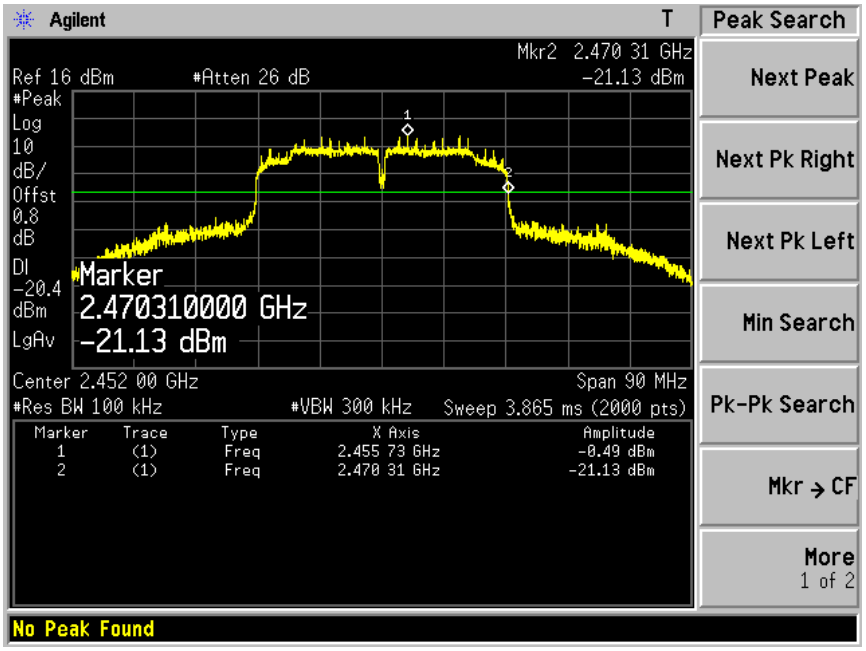


Product	:	Eee PC
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain B)

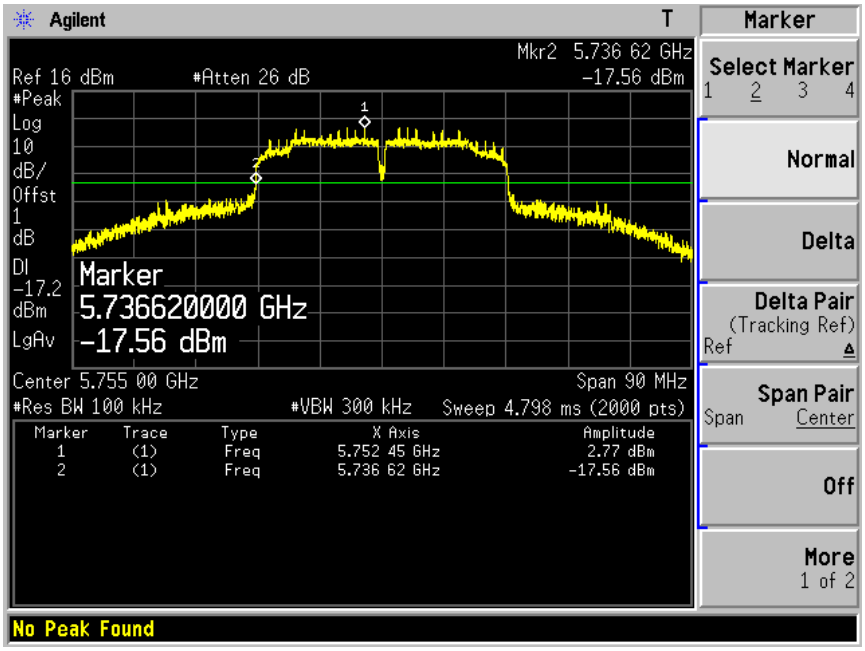
Channel 03 (2422MHz)



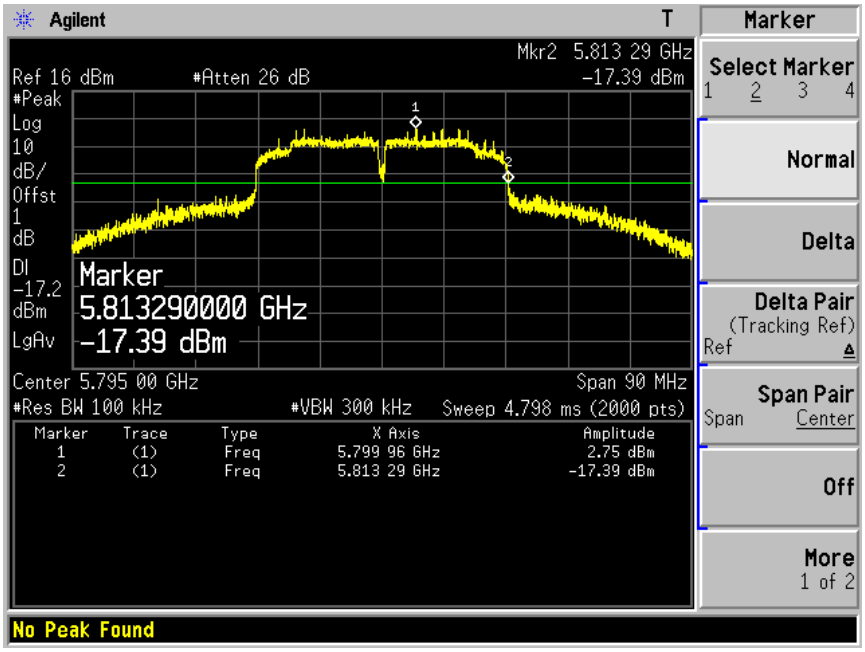
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



8. Occupied Bandwidth

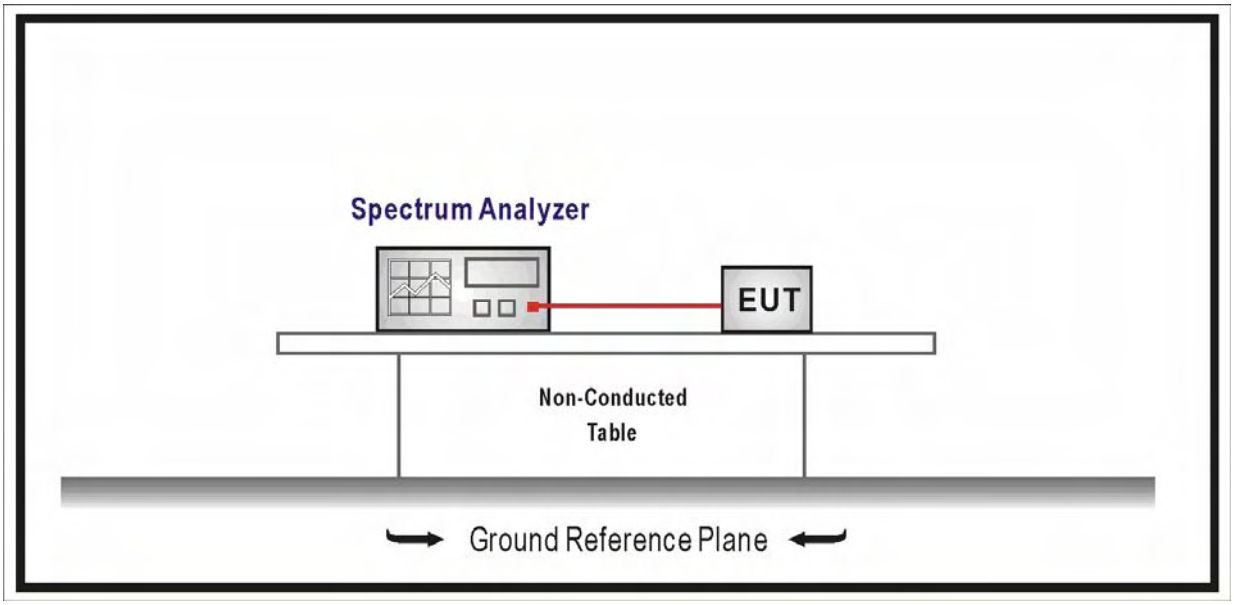
8.1. Test Equipment

Occupied Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2010.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2010.01.14

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

8.2. Test Setup



8.3. Limit

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

8.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

8.5. Uncertainty

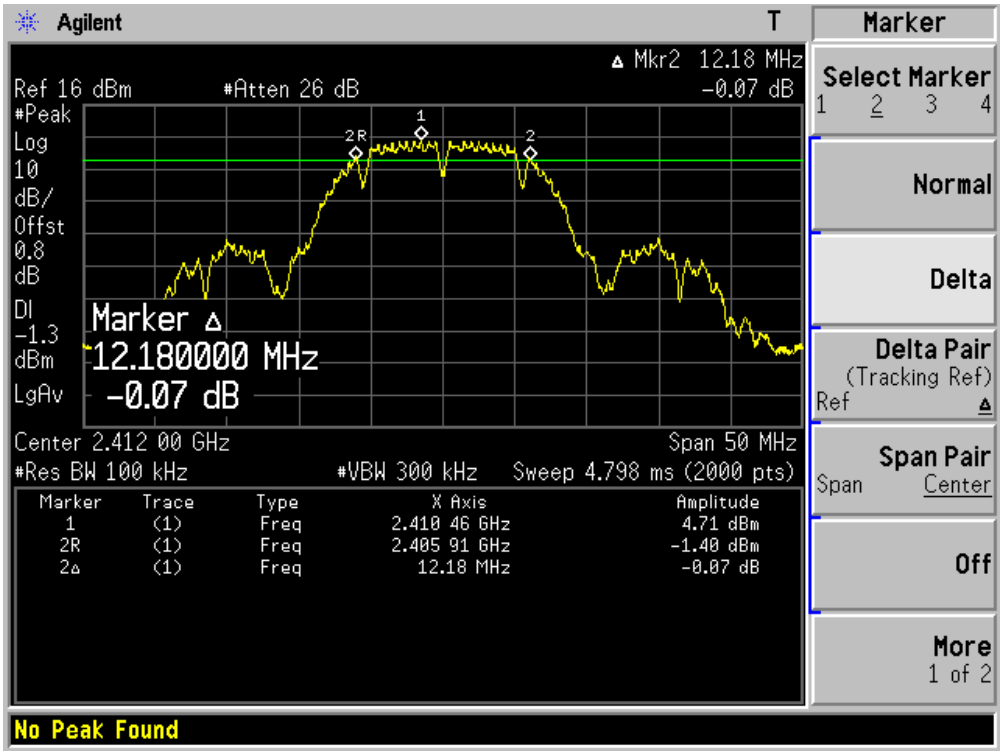
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

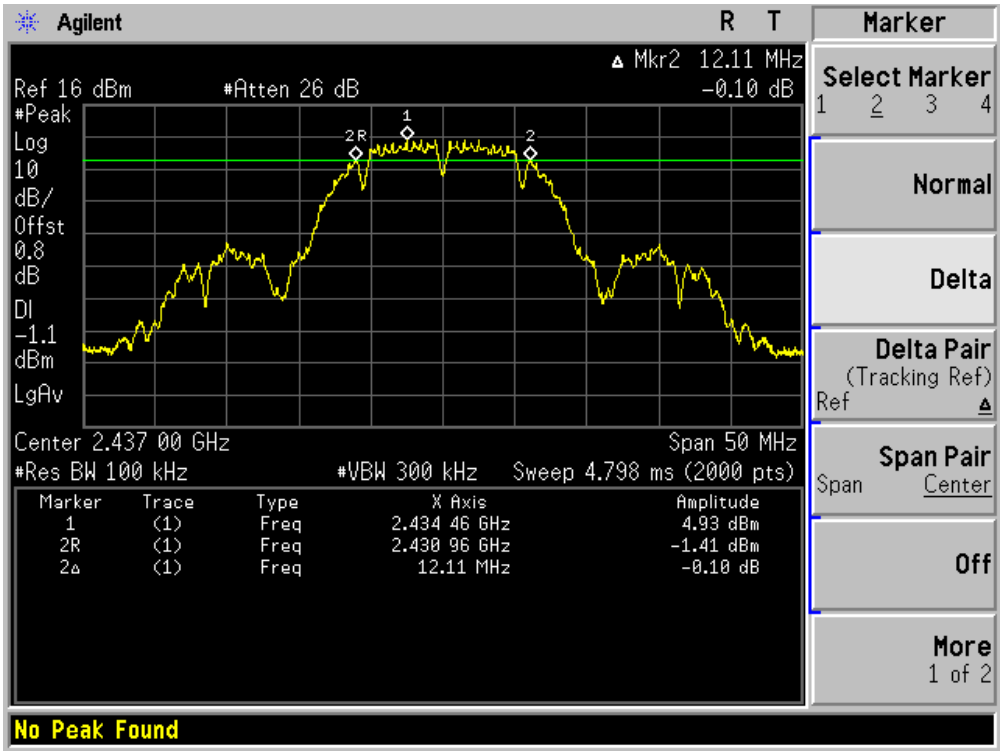
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain A)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12180	500	Pass
06	2437	12110	500	Pass
11	2462	12180	500	Pass

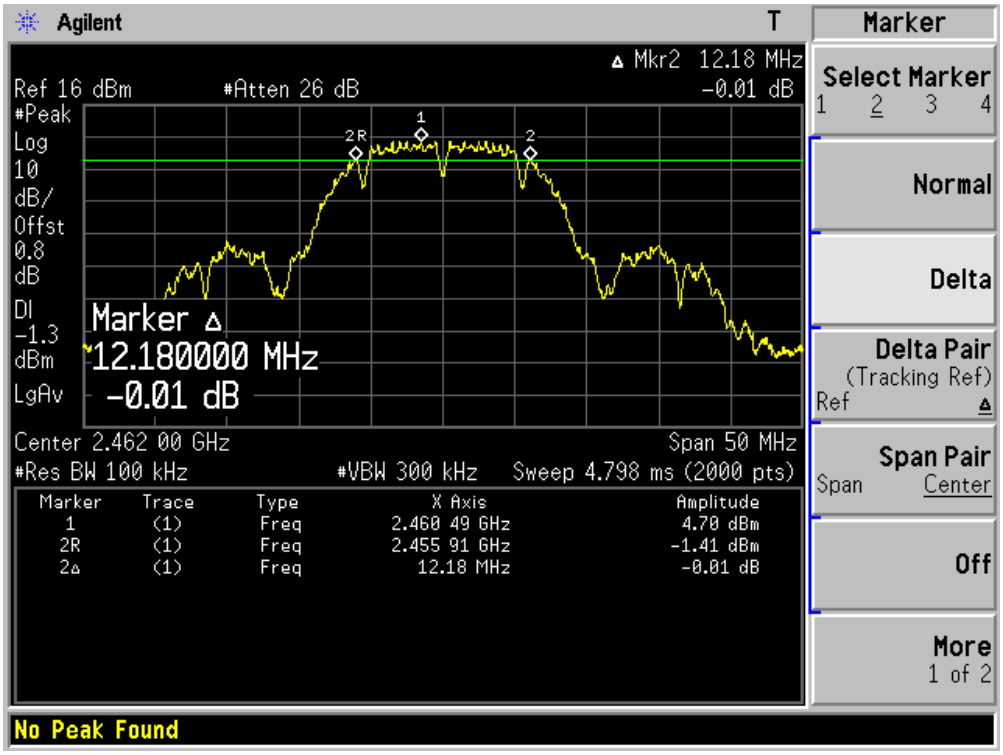
Channel 01 (2412MHz)



Channel 06 (2437MHz)



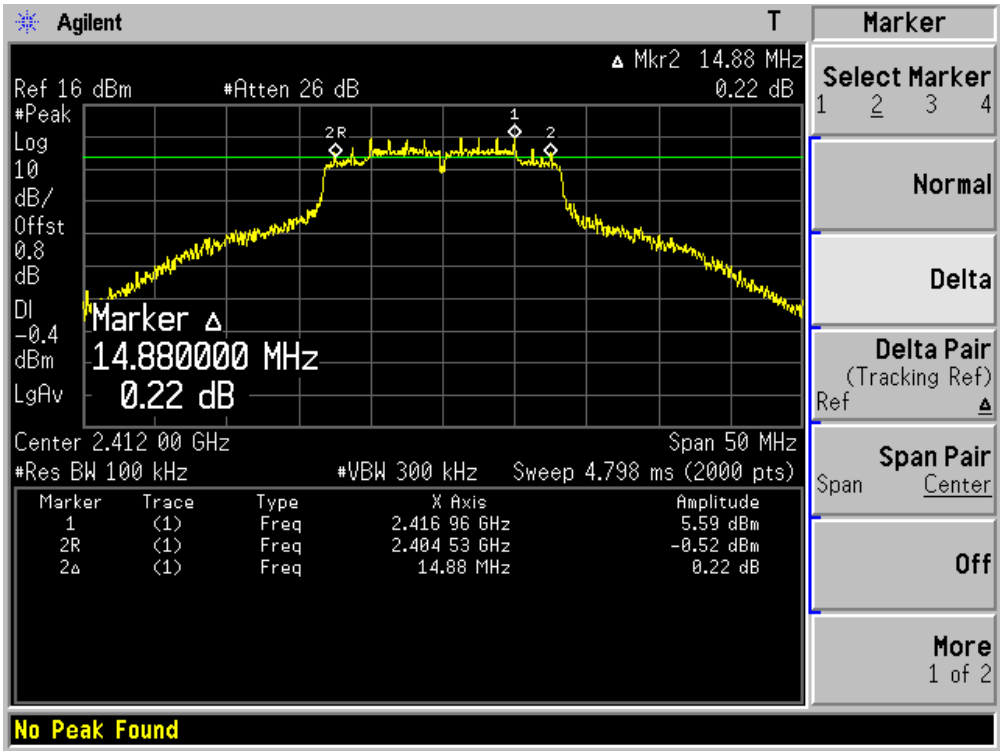
Channel 11 (2462MHz)



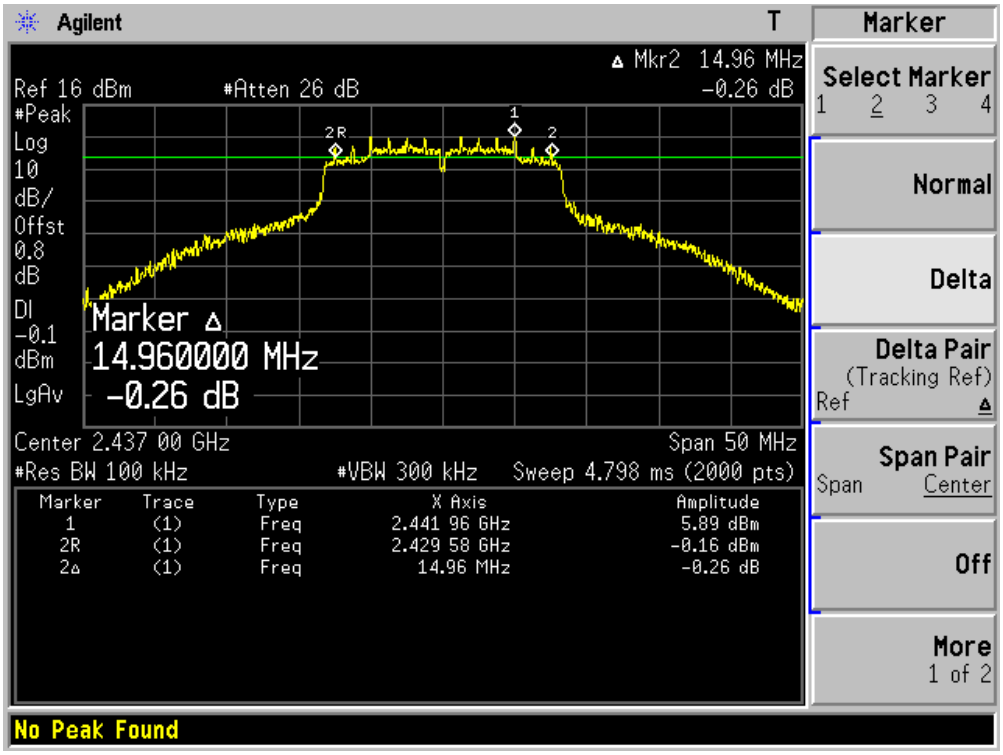
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain A)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	14880	500	Pass
06	2437	14960	500	Pass
11	2462	15160	500	Pass

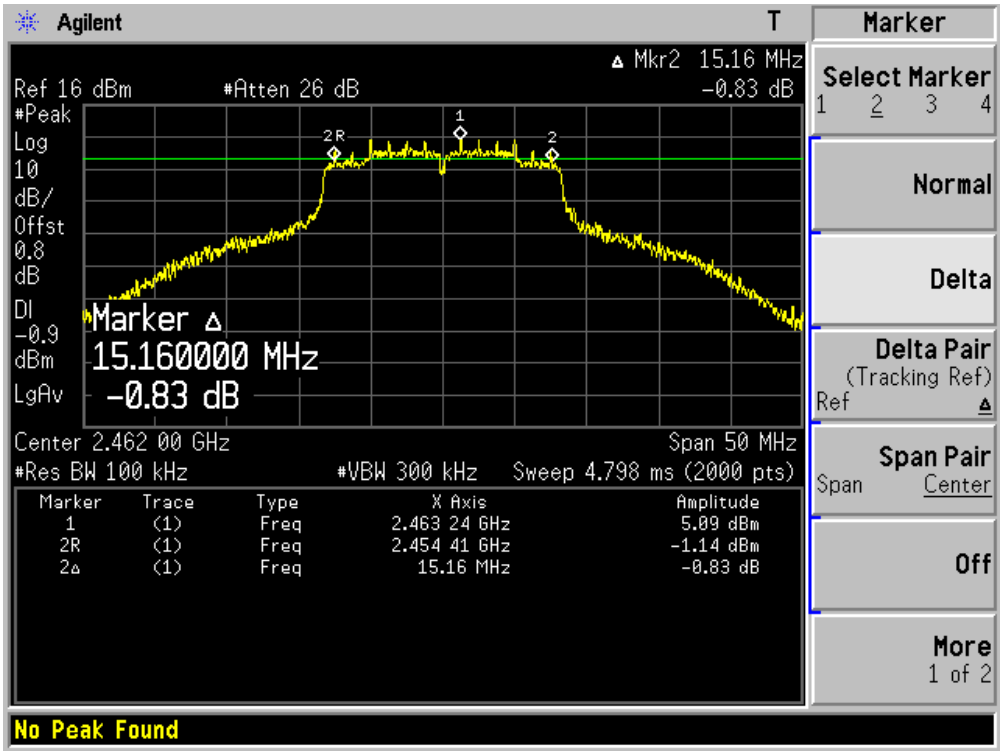
Channel 01 (2412MHz)



Channel 06 (2437MHz)



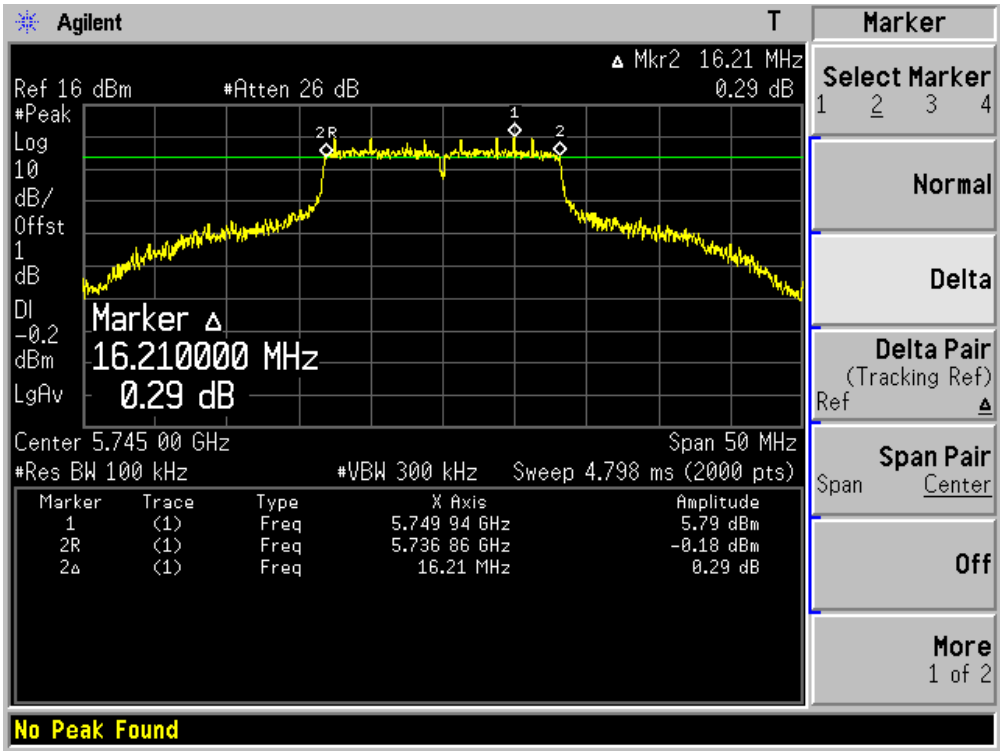
Channel 11 (2462MHz)



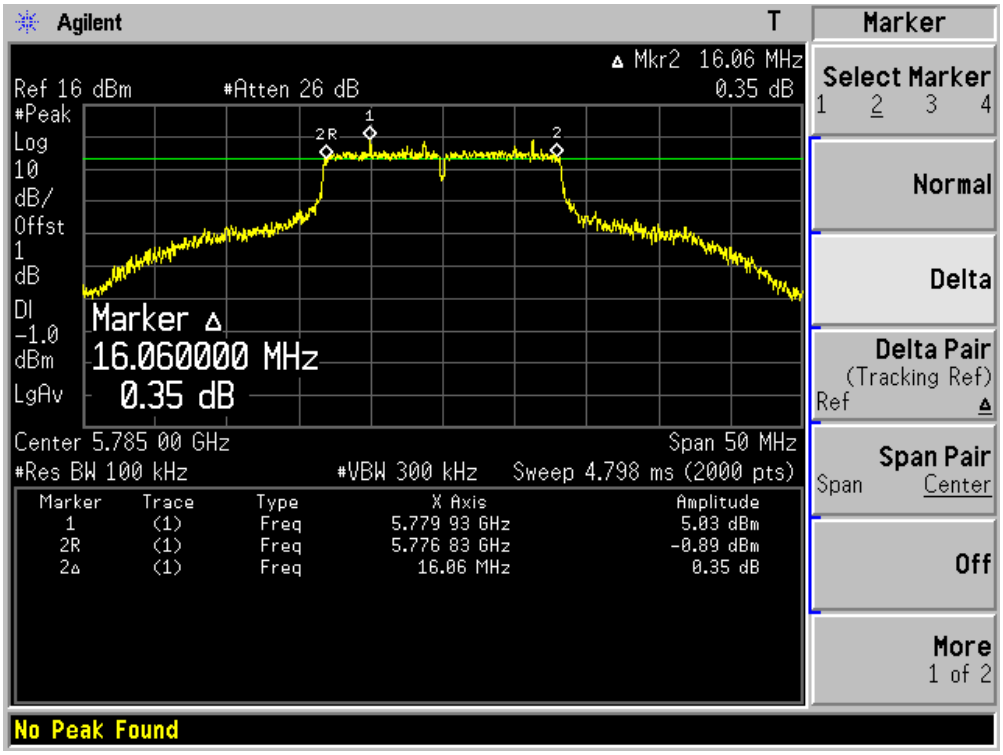
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain A)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16210	500	Pass
157	5785	16060	500	Pass
165	5825	16010	500	Pass

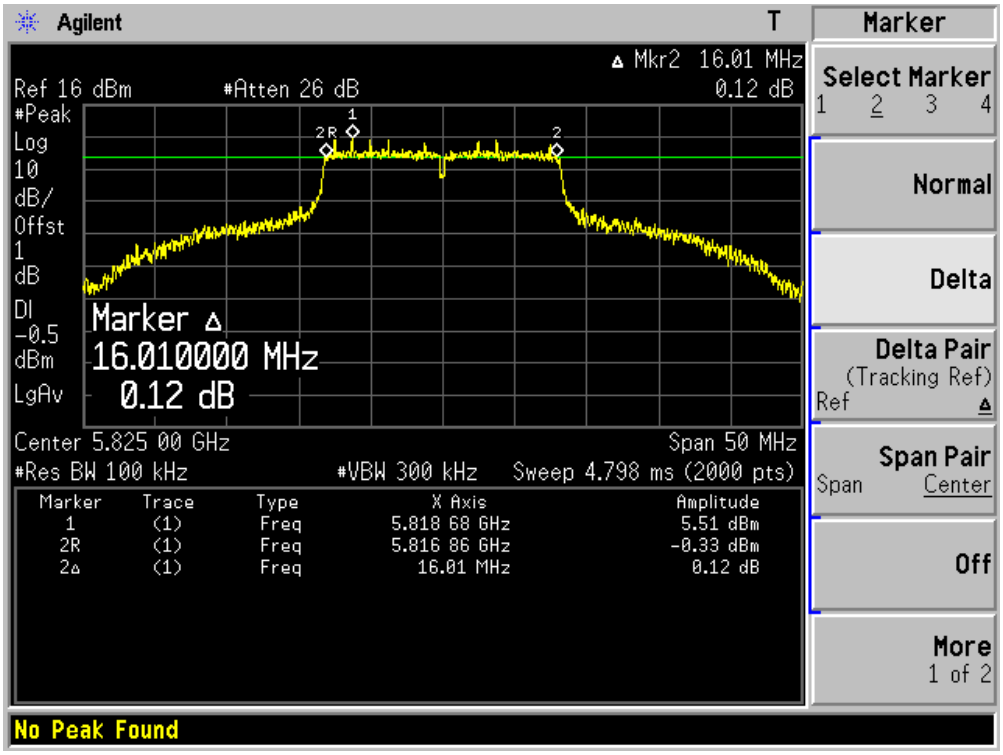
Channel 149 (5745MHz)



Channel 157 (5785MHz)



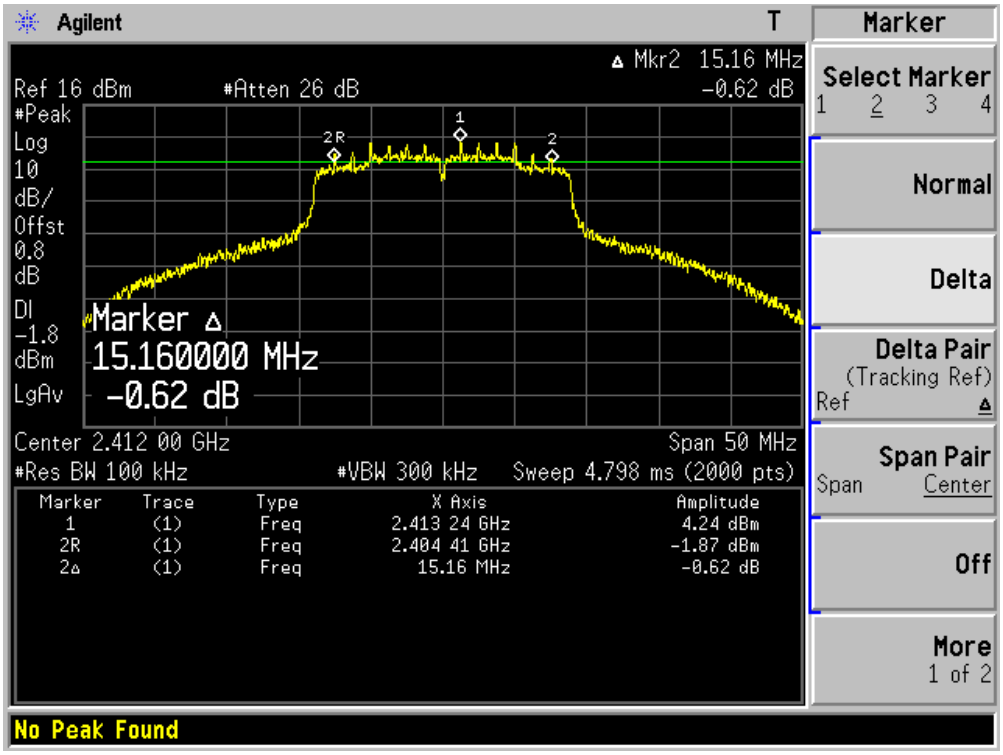
Channel 165 (5825MHz)



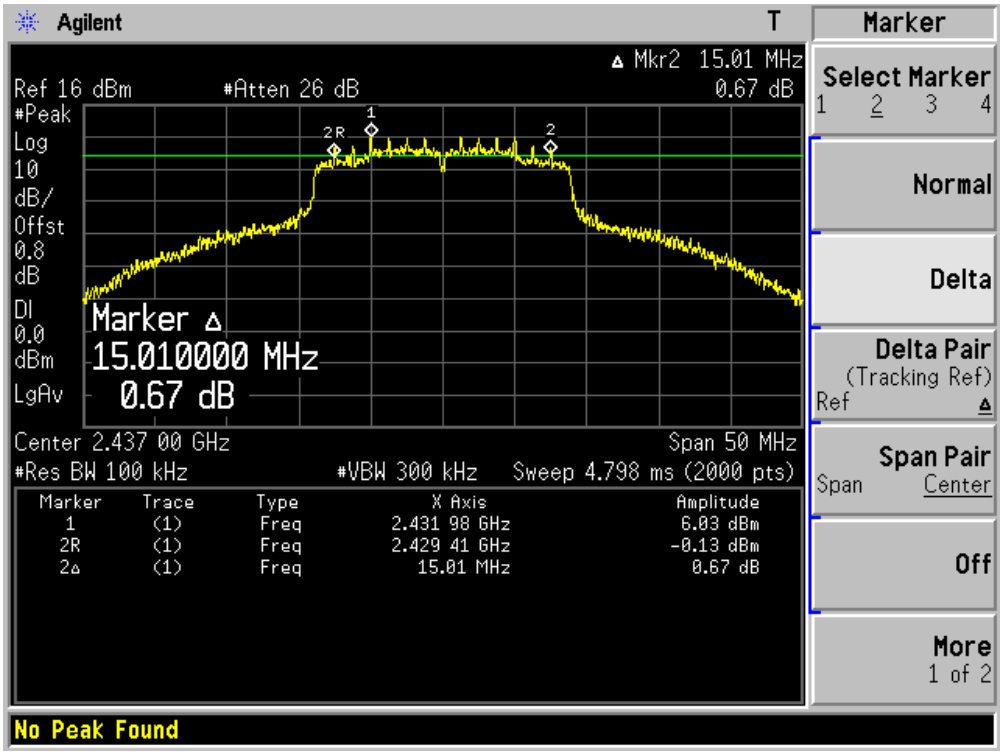
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain A)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	15160	500	Pass
06	2437	15010	500	Pass
11	2462	15130	500	Pass
149	5745	16930	500	Pass
157	5785	17010	500	Pass
165	5825	16780	500	Pass

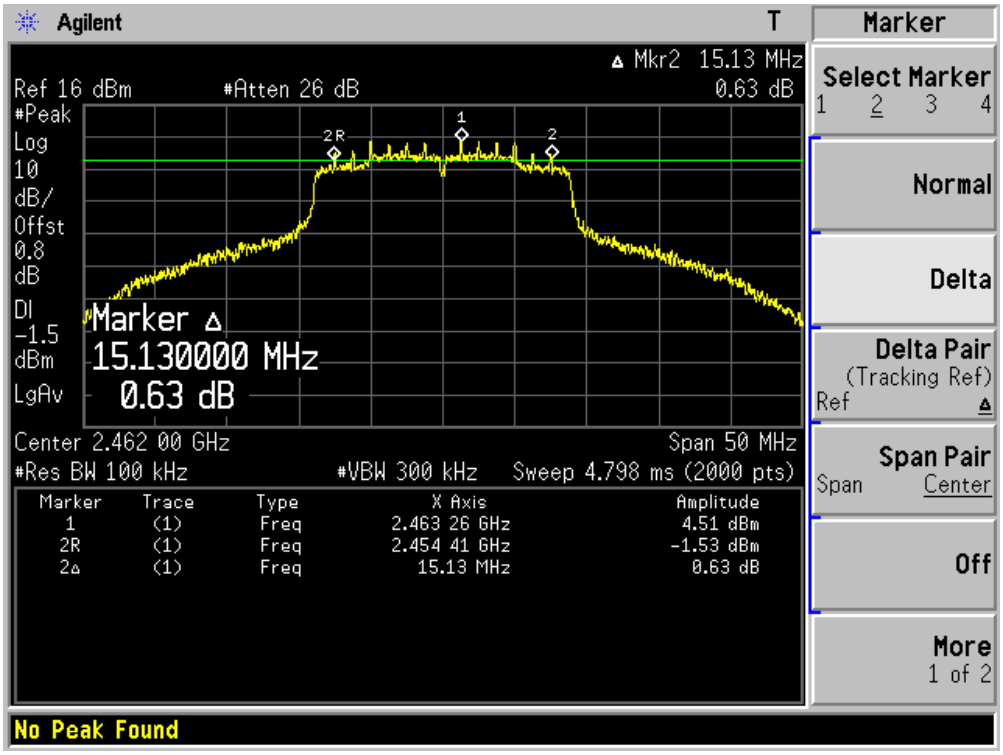
Channel 01 (2412MHz)



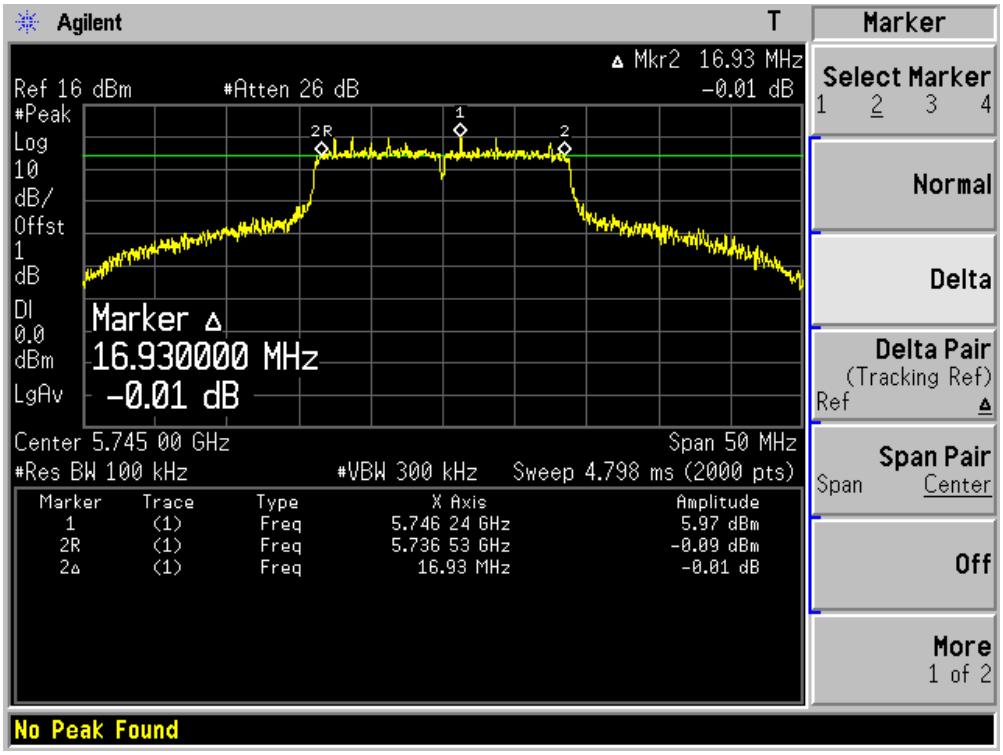
Channel 06 (2437MHz)



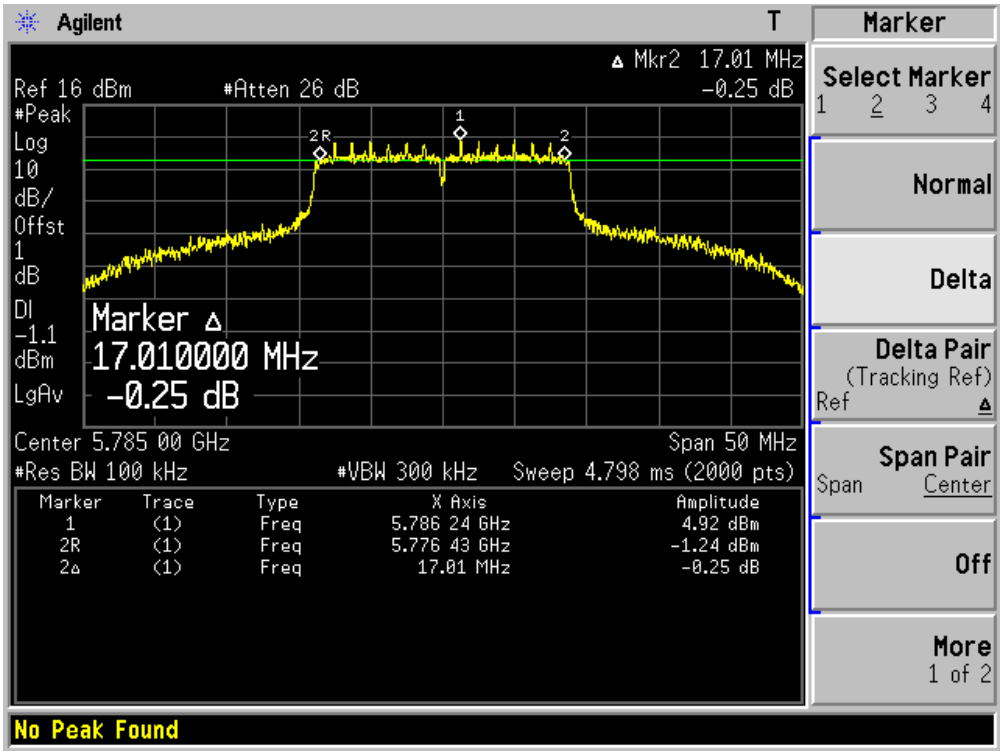
Channel 11 (2462MHz)



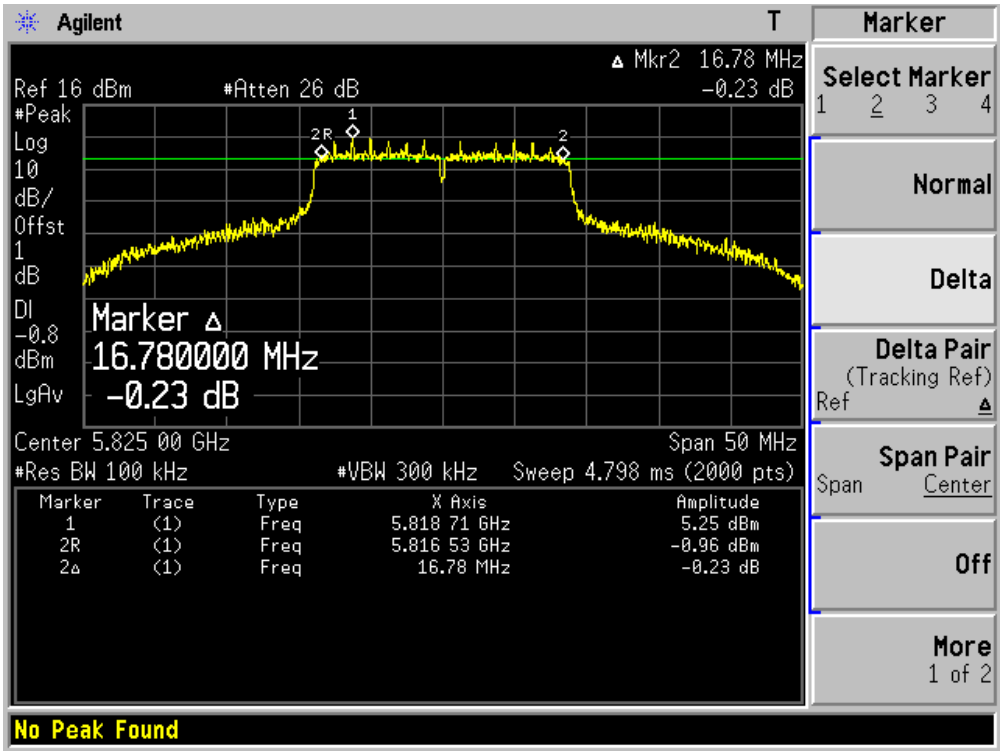
Channel 149 (5745MHz)



Channel 157 (5785MHz)



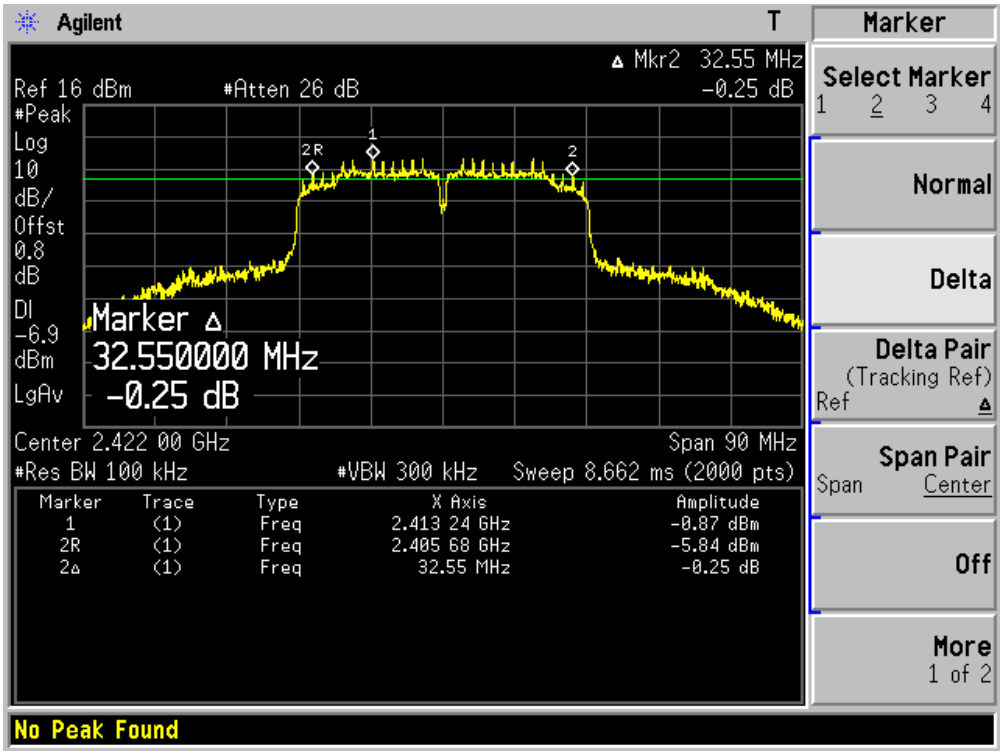
Channel 165 (5825MHz)



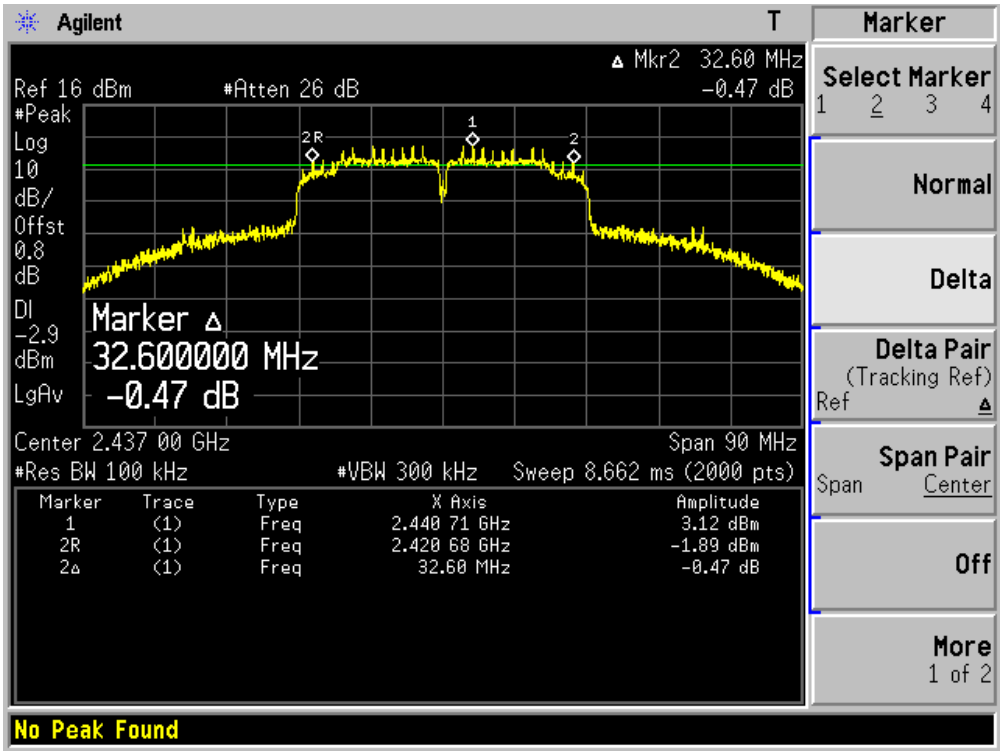
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	32550	500	Pass
06	2437	32600	500	Pass
09	2452	32550	500	Pass
151	5755	32550	500	Pass
159	5795	32550	500	Pass

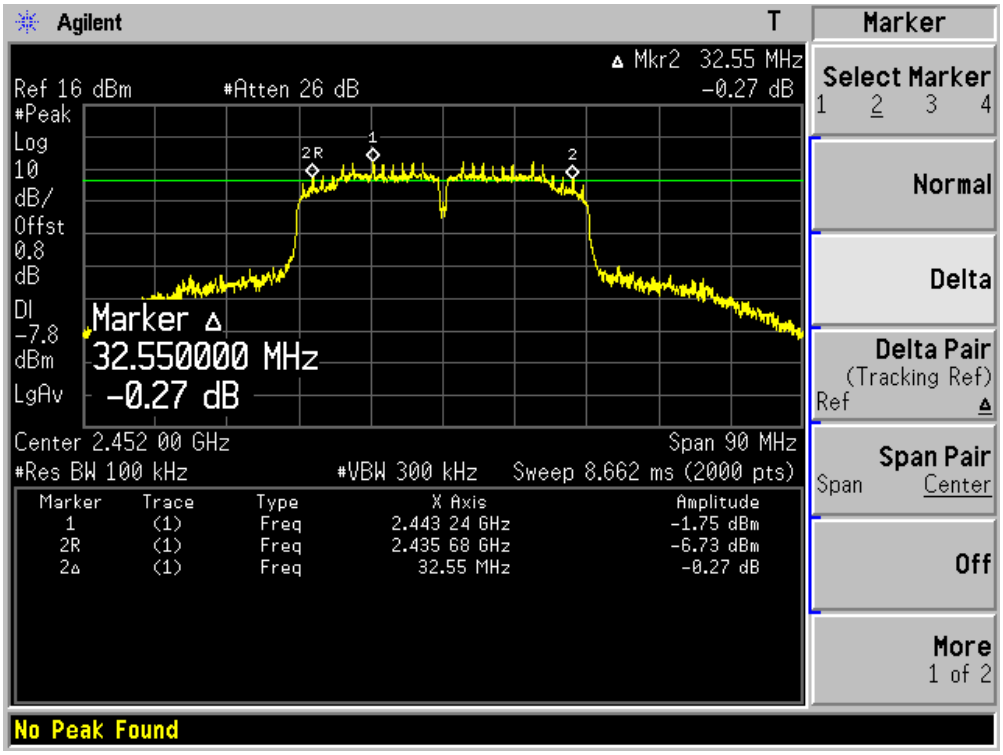
Channel 03 (2422MHz)



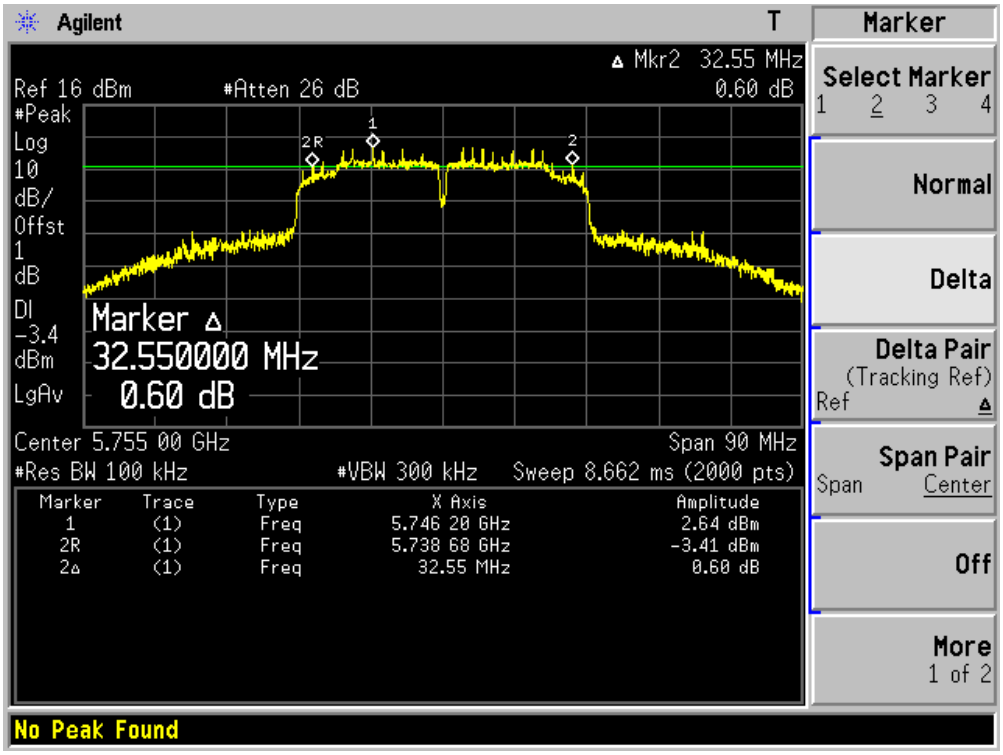
Channel 06 (2437MHz)



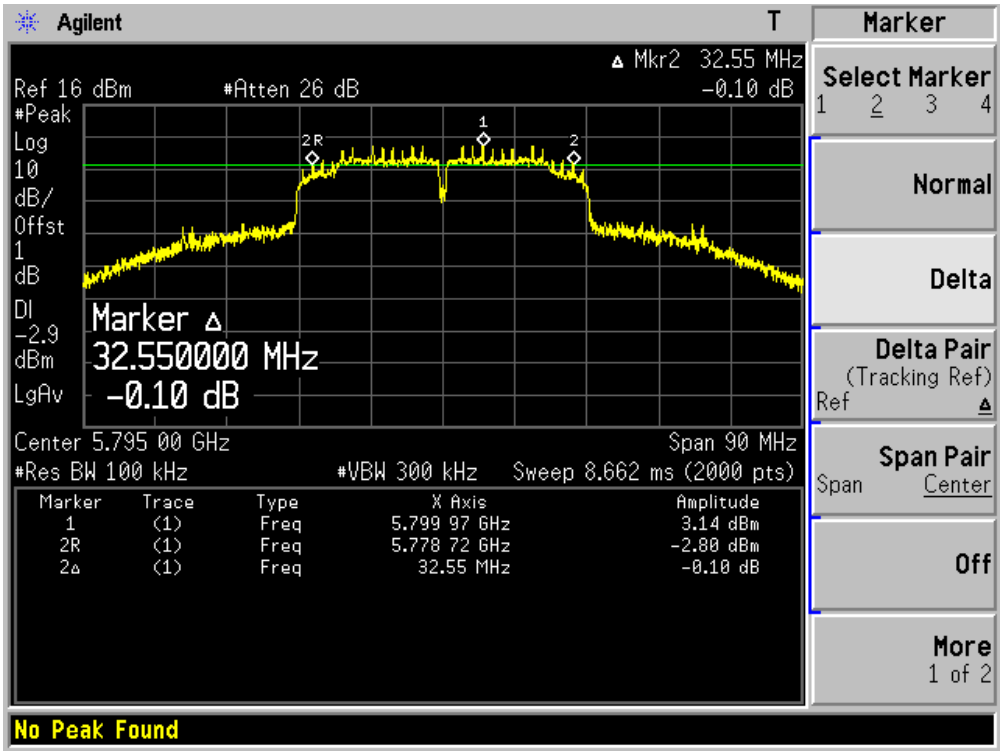
Channel 09 (2452MHz)



Channel 151 (5755MHz)



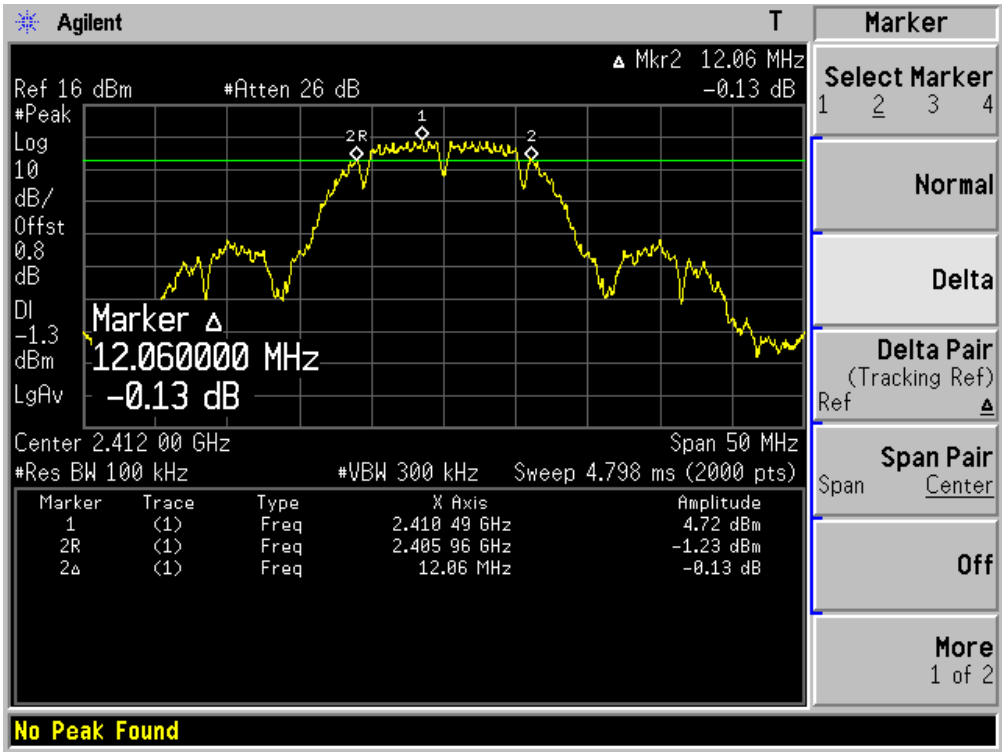
Channel 159 (5795MHz)



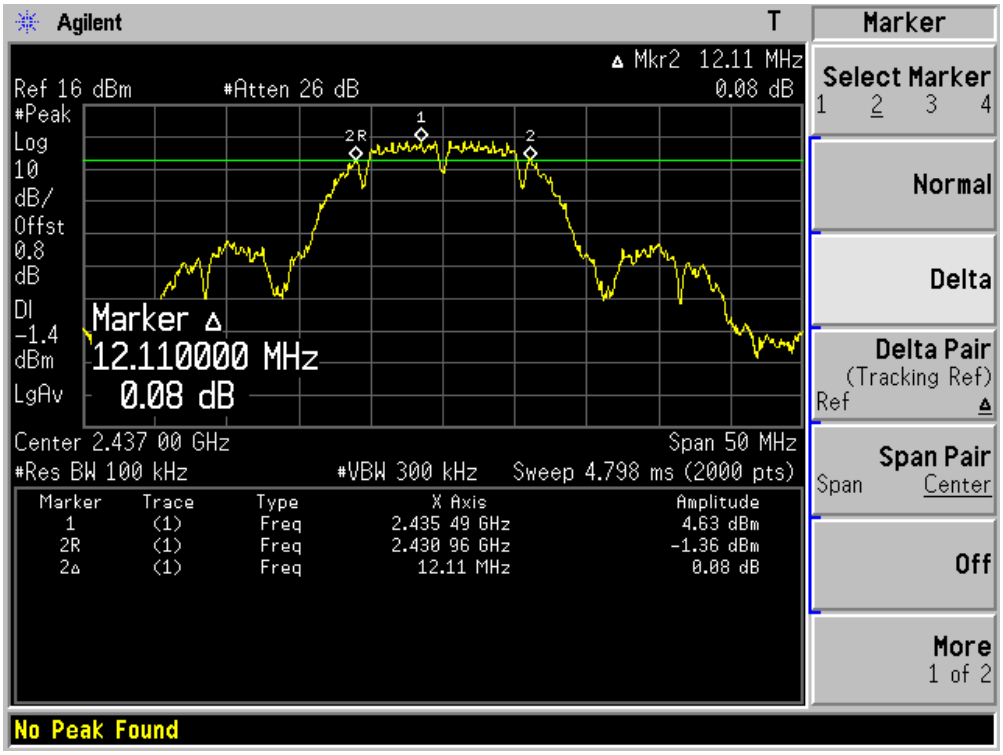
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain B)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12060	500	Pass
06	2437	12110	500	Pass
11	2462	12060	500	Pass

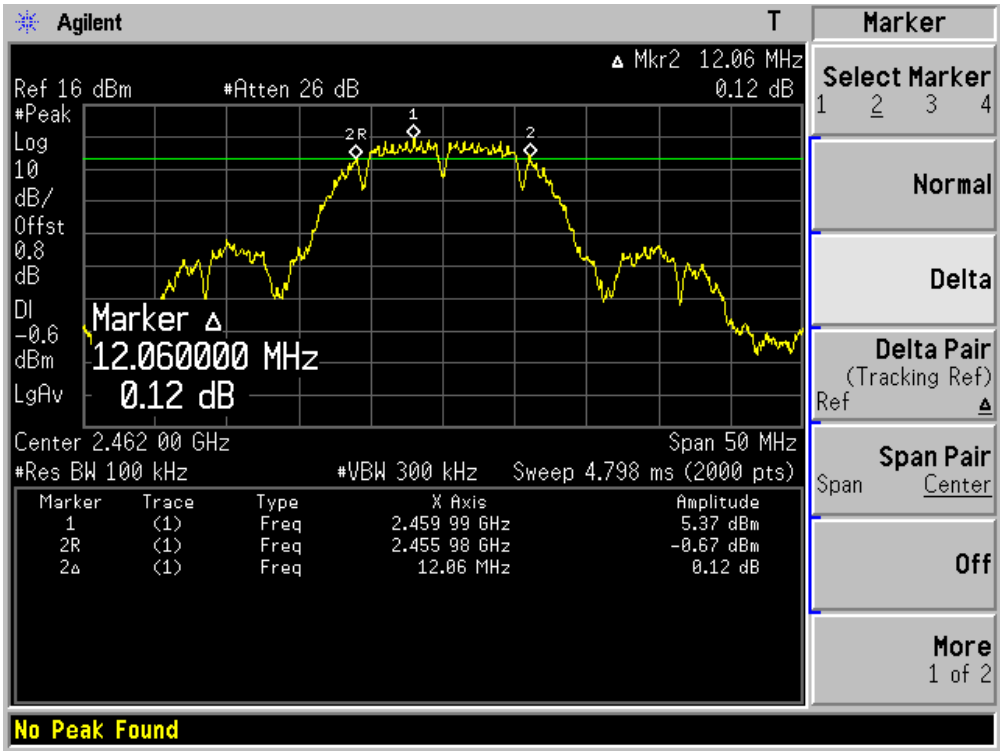
Channel 01 (2412MHz)



Channel 06 (2437MHz)



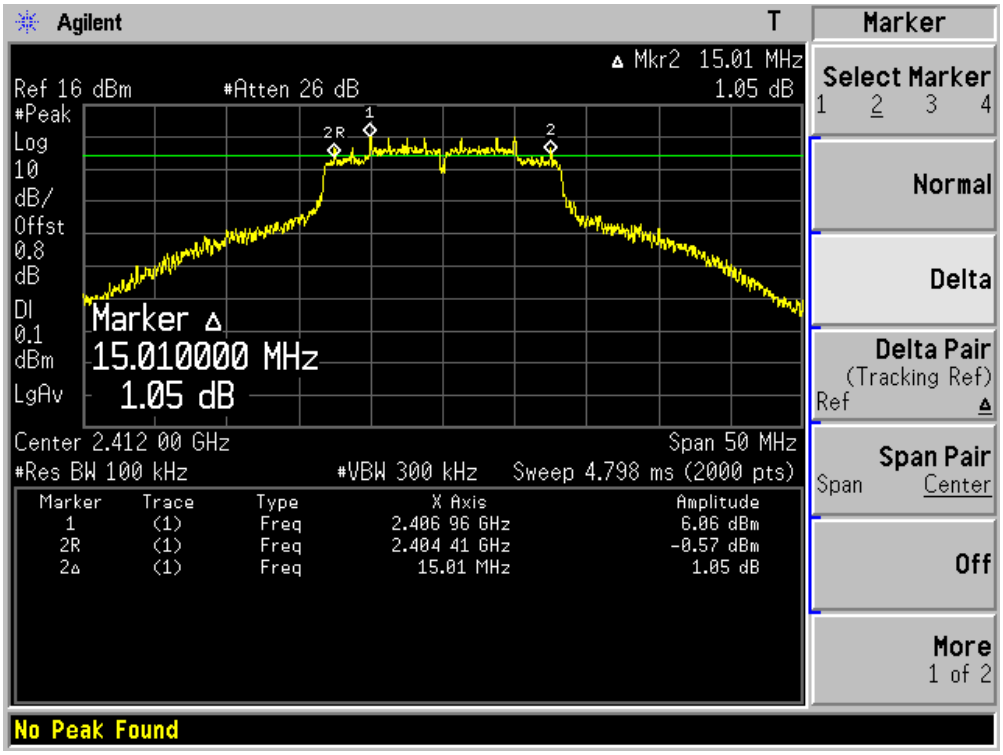
Channel 11 (2462MHz)



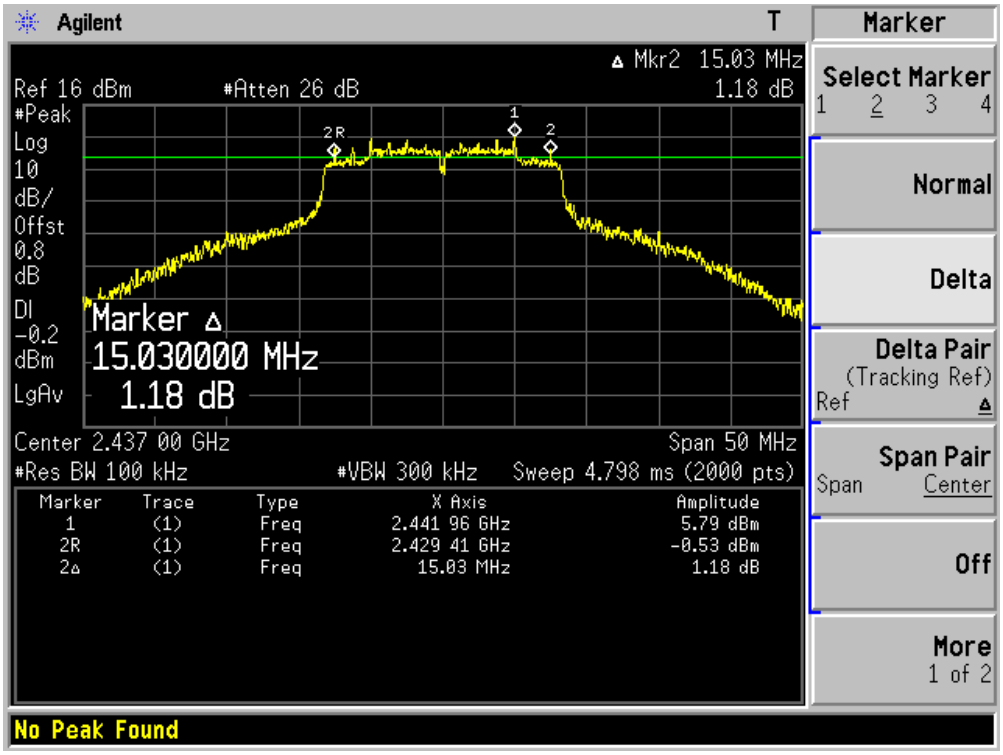
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain B)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	15010	500	Pass
06	2437	15030	500	Pass
11	2462	15060	500	Pass

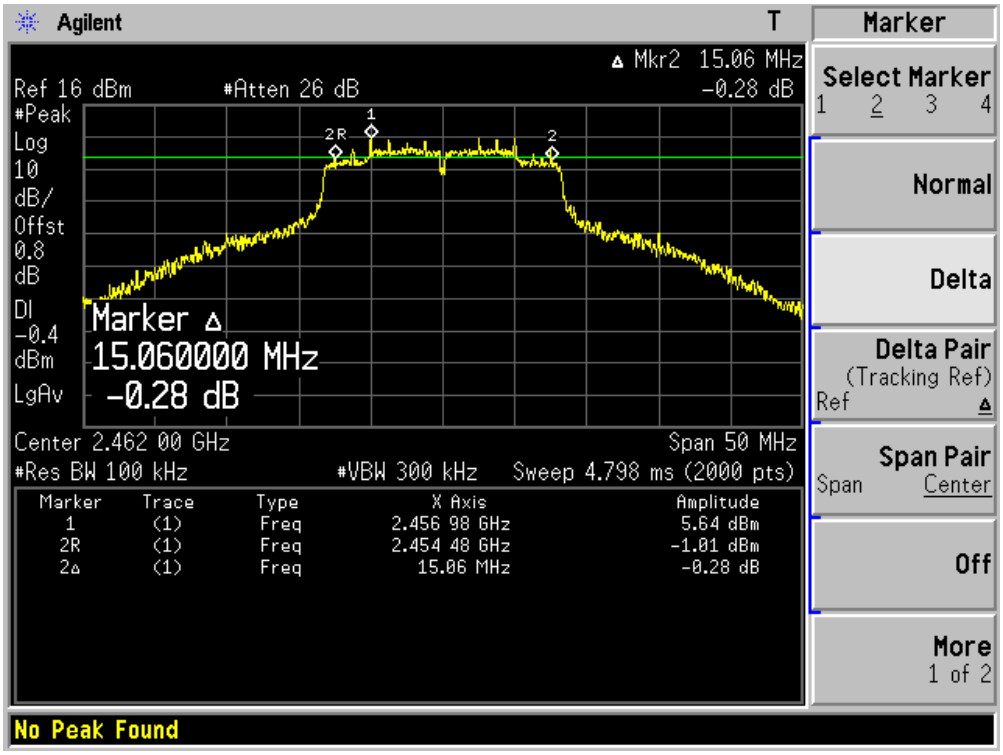
Channel 01 (2412MHz)



Channel 06 (2437MHz)



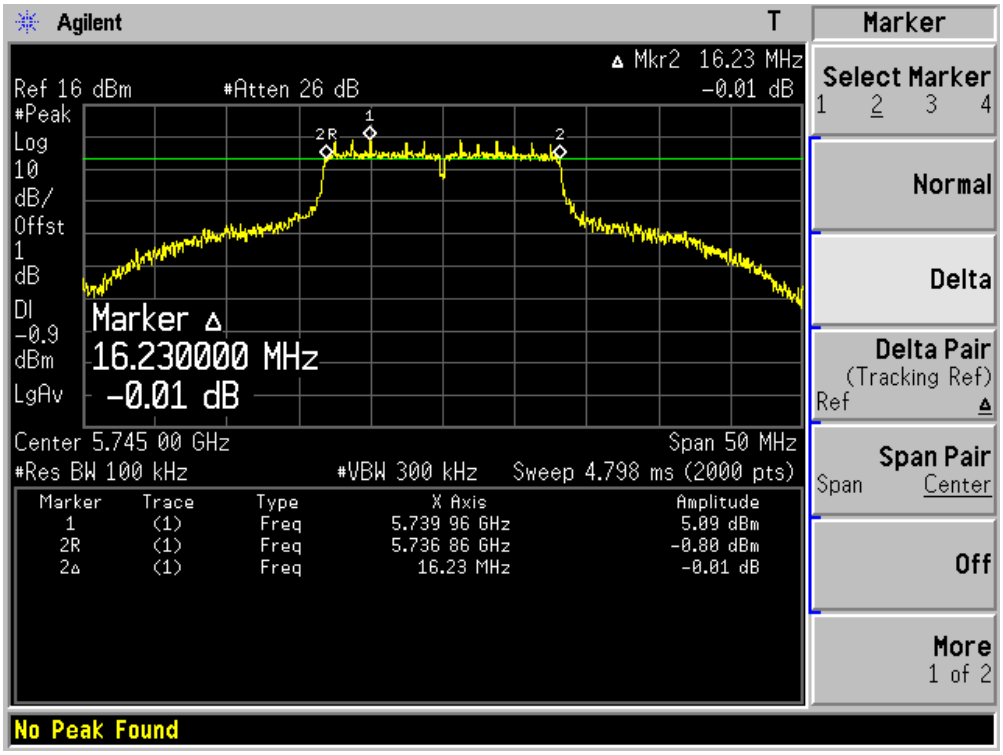
Channel 11 (2462MHz)



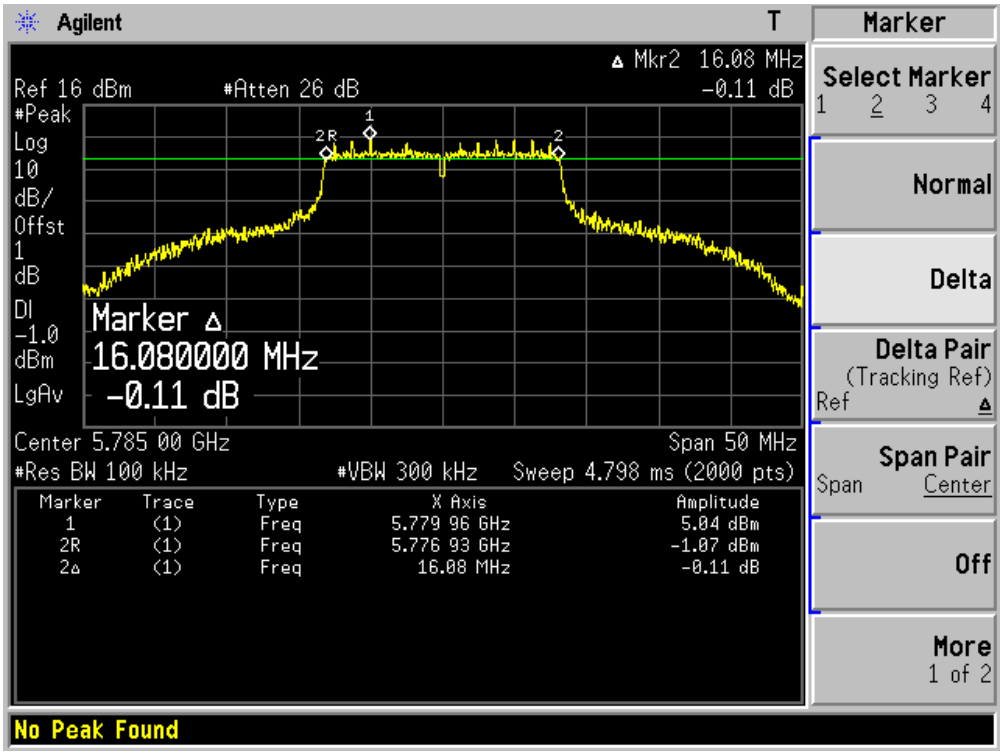
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain B)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16230	500	Pass
157	5785	16080	500	Pass
165	5825	16010	500	Pass

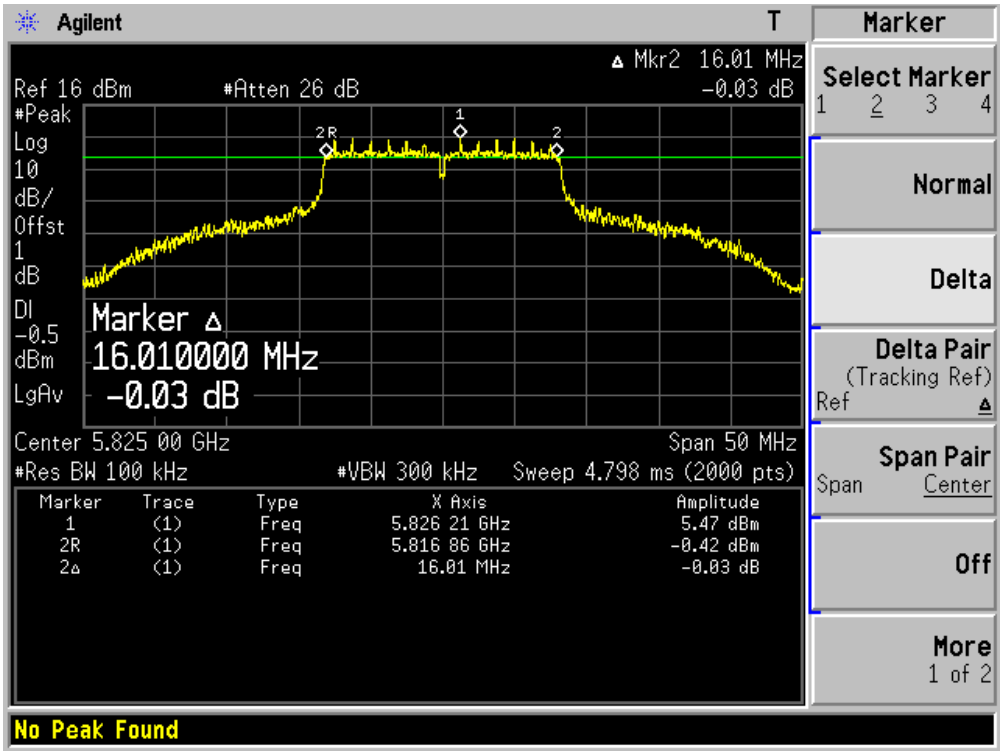
Channel 149 (5745MHz)



Channel 157 (5785MHz)



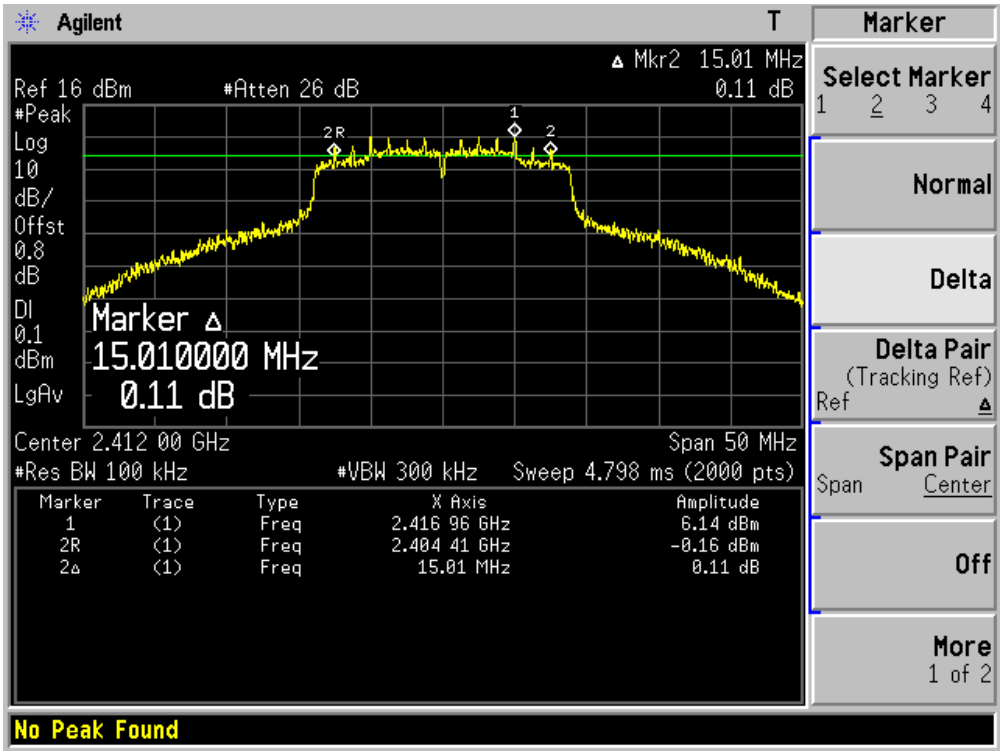
Channel 165 (5825MHz)



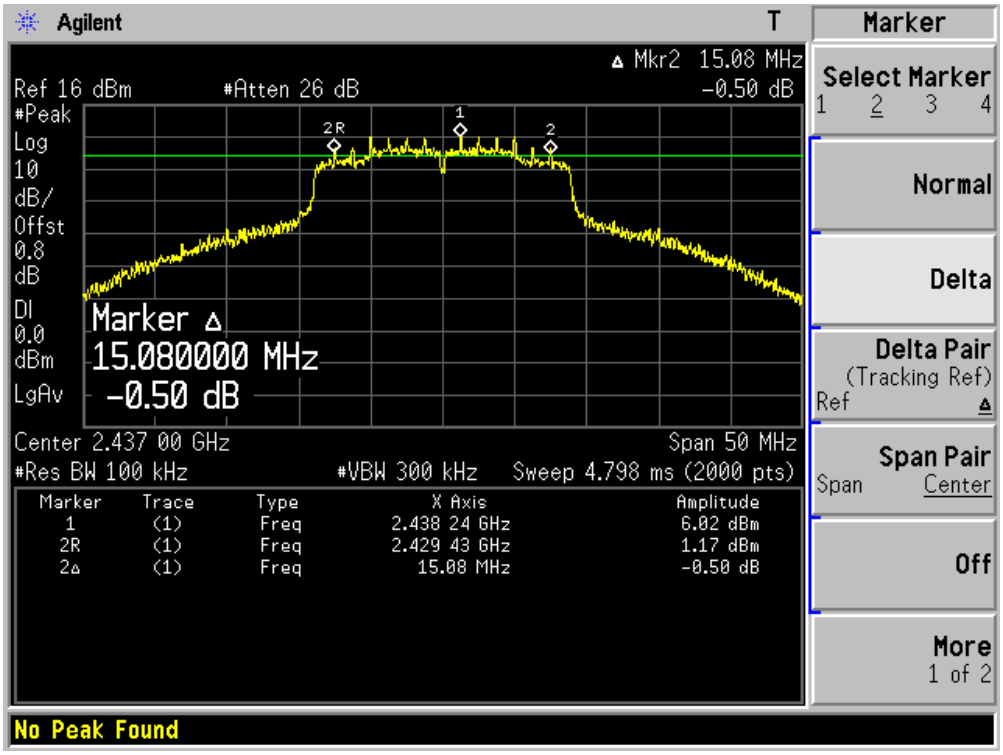
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain B)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	15010	500	Pass
06	2437	15080	500	Pass
11	2462	15060	500	Pass
149	5745	17260	500	Pass
157	5785	17180	500	Pass
165	5825	16930	500	Pass

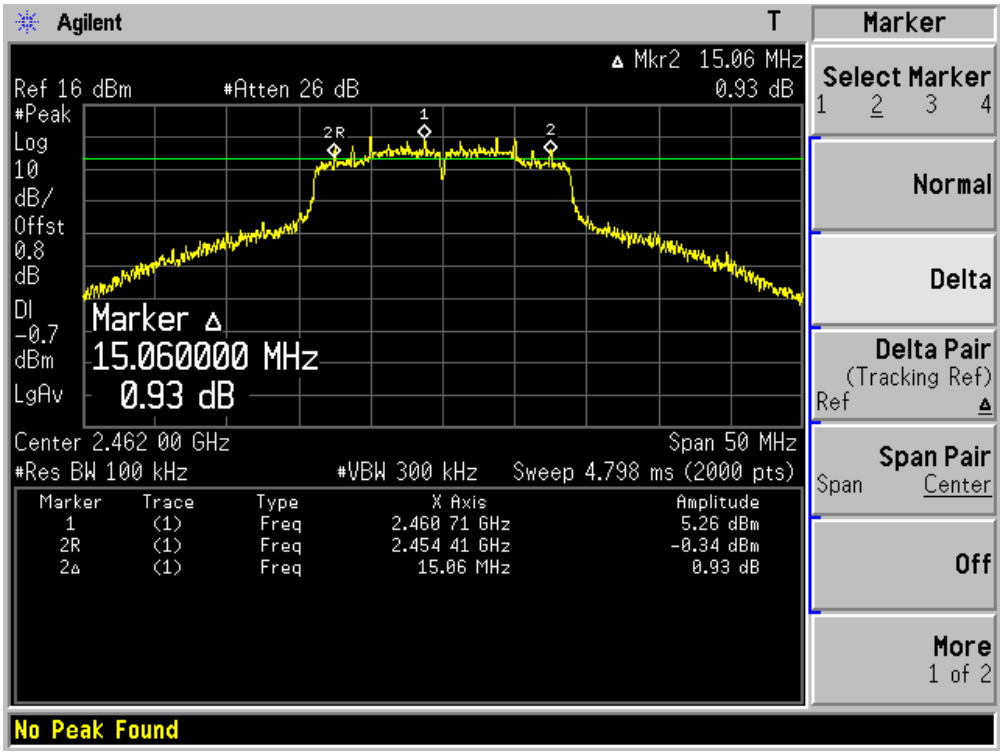
Channel 01 (2412MHz)



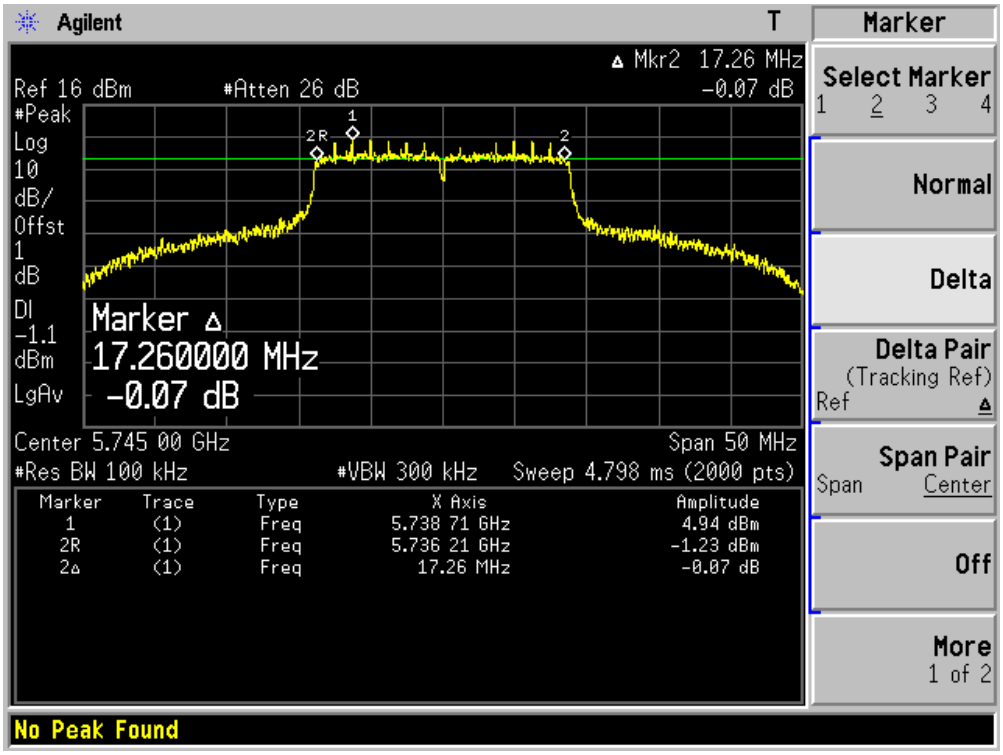
Channel 06 (2437MHz)



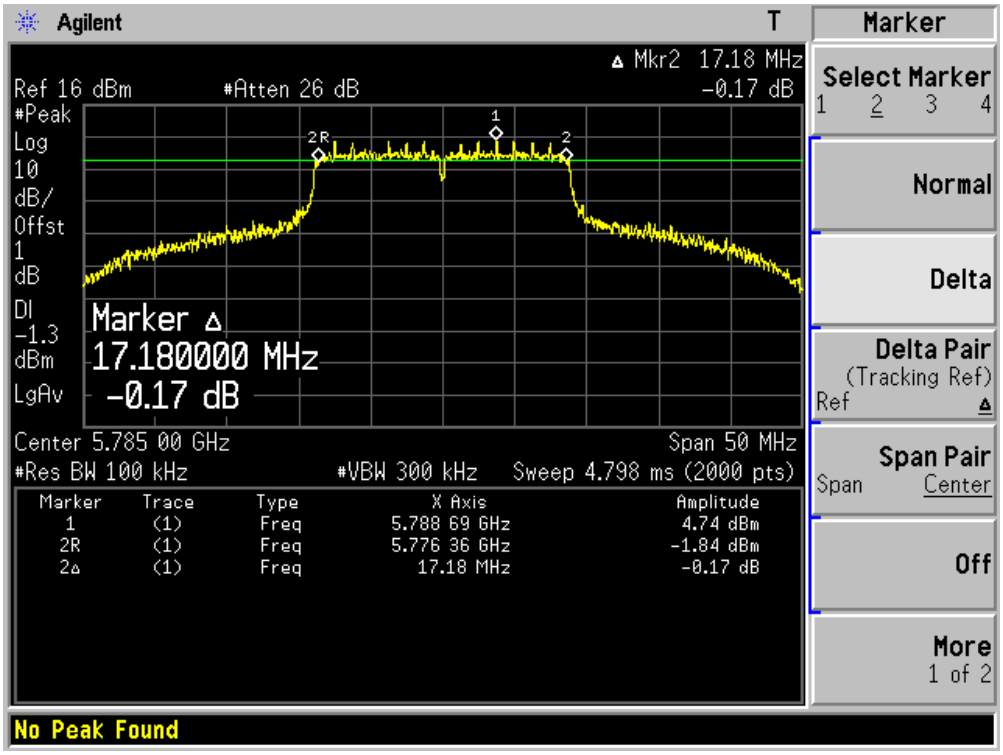
Channel 11 (2462MHz)



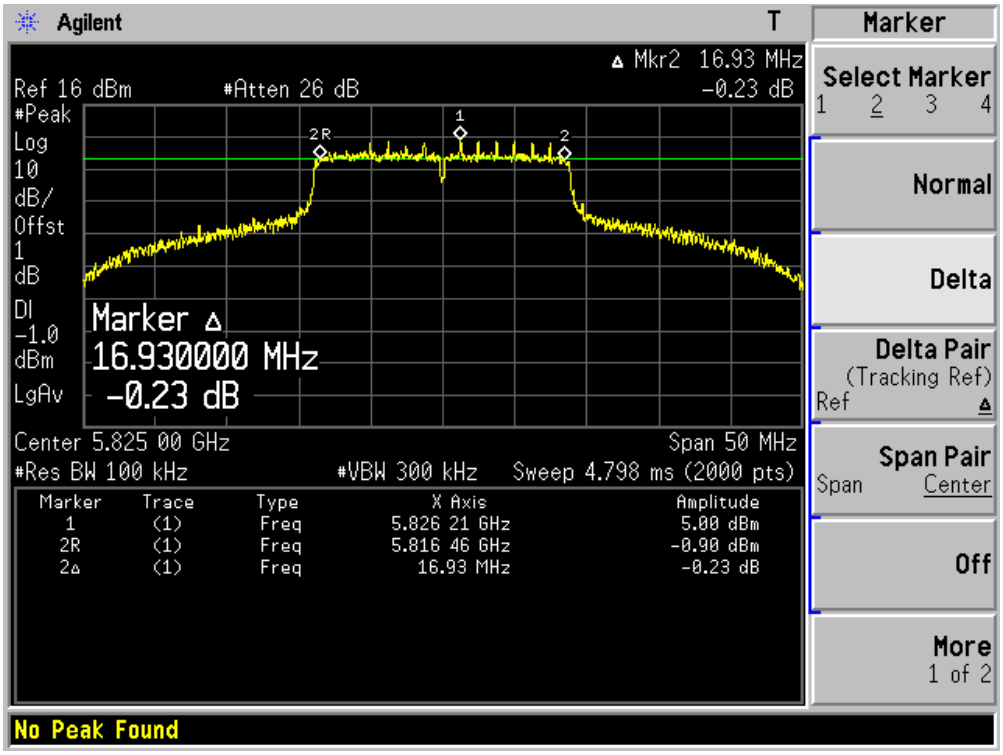
Channel 149 (5745MHz)



Channel 157 (5785MHz)



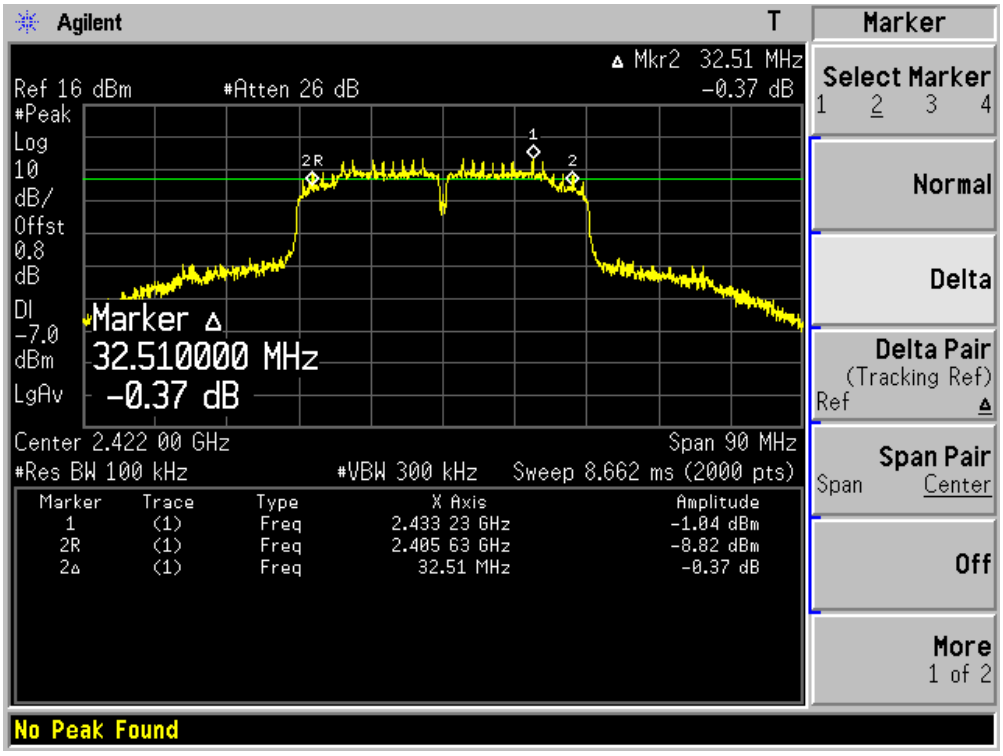
Channel 165 (5825MHz)



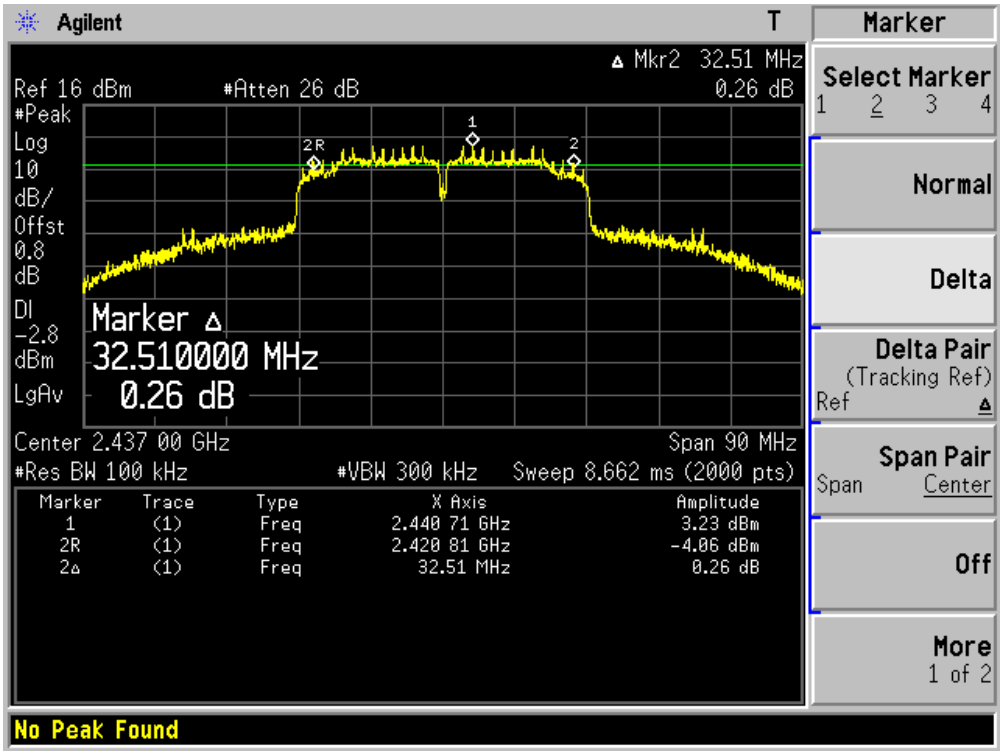
Product	:	Eee PC
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain B)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	32510	500	Pass
06	2437	32510	500	Pass
09	2452	32330	500	Pass
151	5755	32370	500	Pass
159	5795	32600	500	Pass

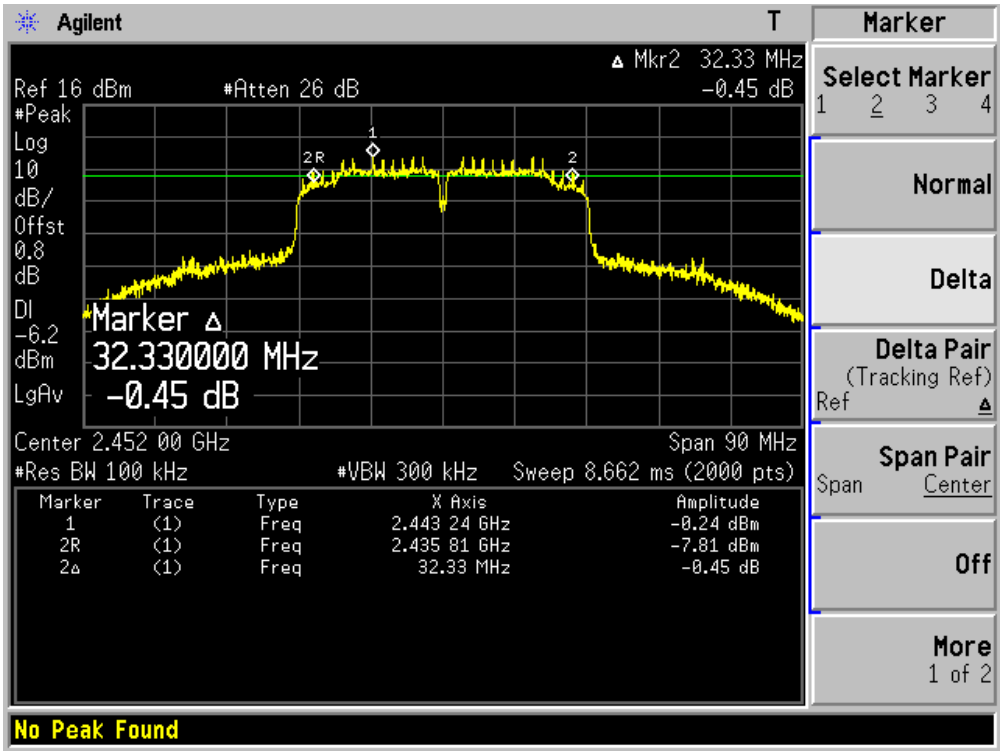
Channel 03 (2422MHz)



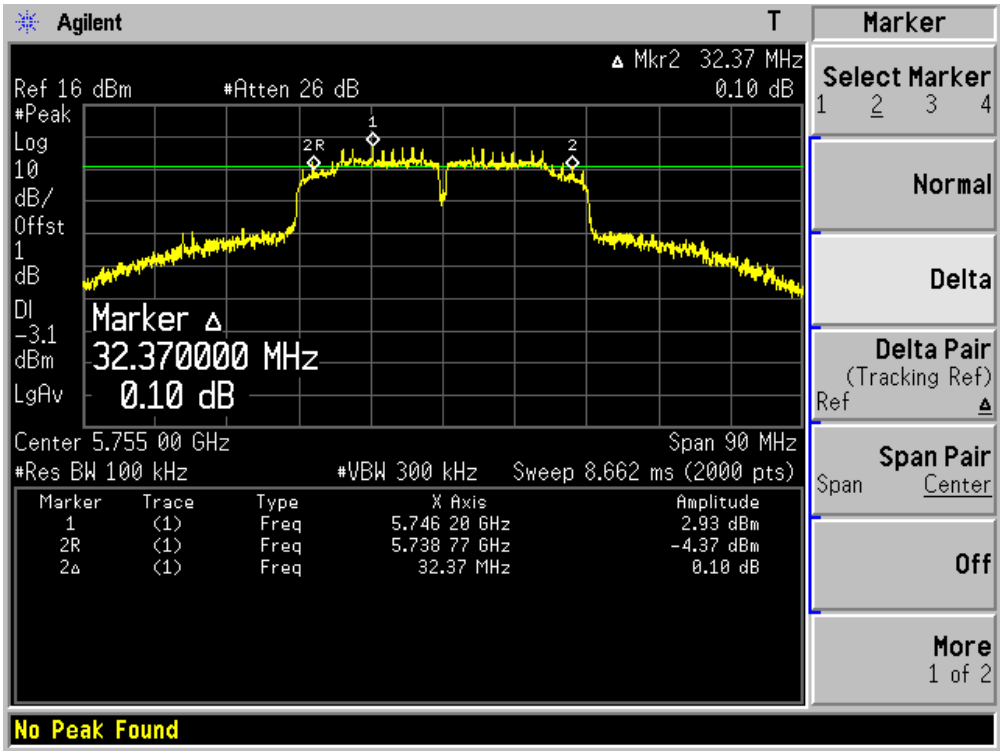
Channel 06 (2437MHz)



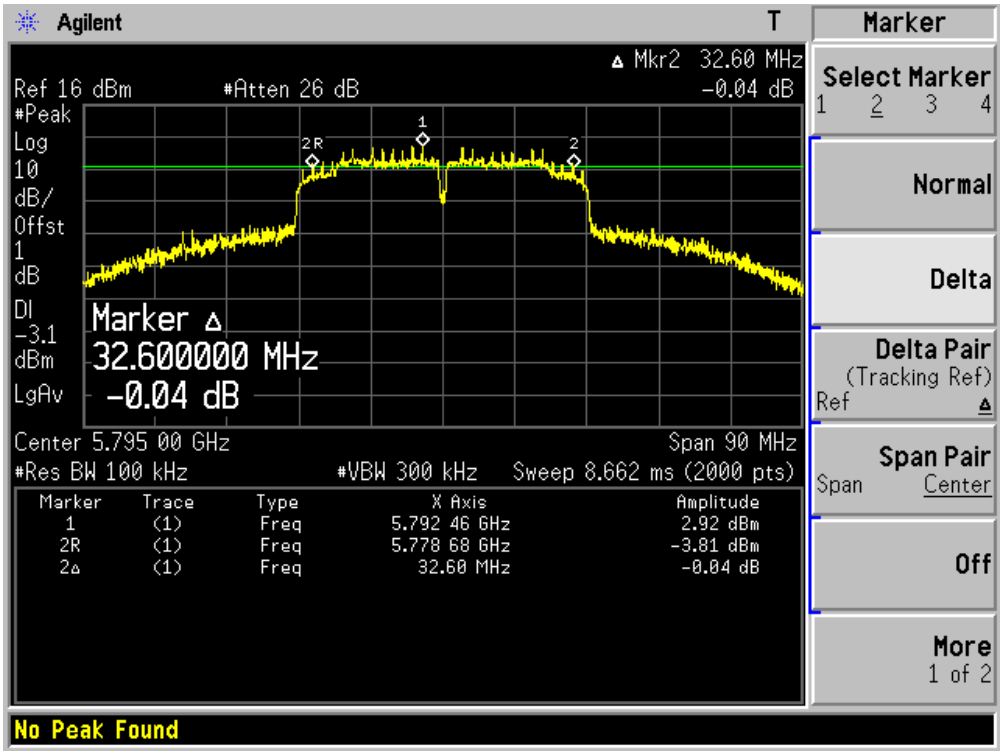
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



9. Power Output

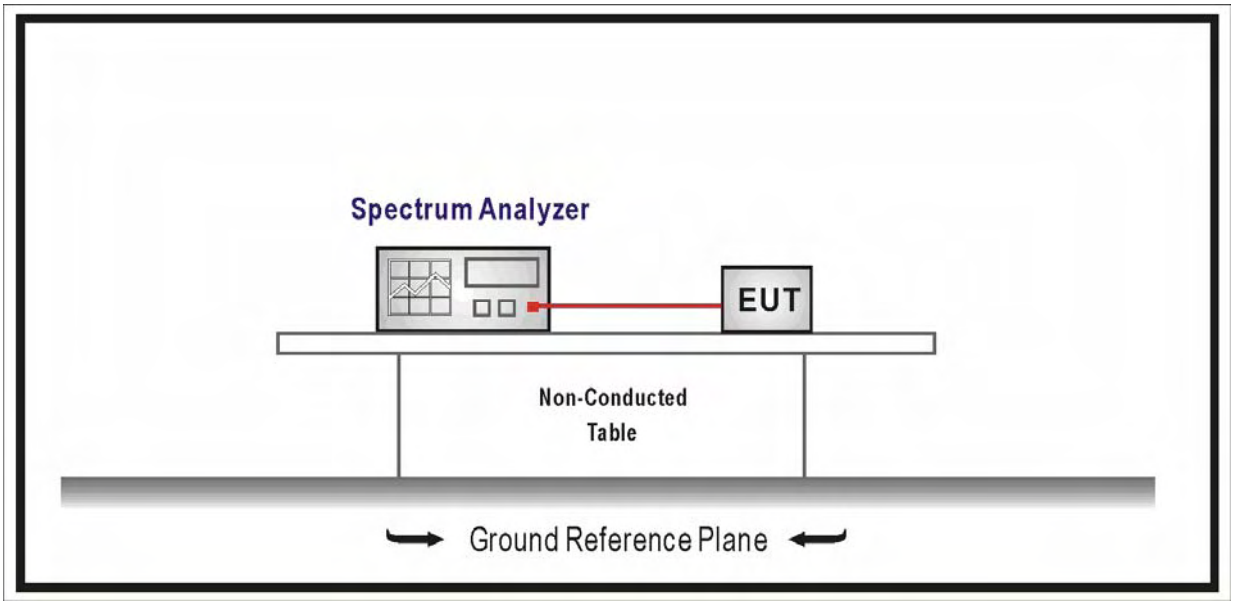
9.1. Test Equipment

Power Output / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2010.01.12
Power Sensor	Anritsu	MA2411B	0846014	2010.01.12
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2010.01.14

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

9.2. Test Setup



9.3. Limit

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

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

9.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Use the wideband power meter to test peak power and record the result.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (blue marker) for final test of each channel.

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	54	65.0	72.2	135.0	150.0
8	2	---	---	---	13.0	14.4	27.0	30.0
9	2	---	---	---	26.0	28.9	54.0	60.0
10	2	---	---	---	39.0	43.3	81.0	90.0
11	2	---	---	---	52.0	57.8	108.0	120.0
12	2	---	---	---	78.0	86.7	162.0	180.0
13	2	---	---	---	104.0	115.6	216.0	240.0
14	2	---	---	---	117.0	130.0	243.0	270.0
15	2	---	---	---	130.0	144.0	270.0	300.0

Power output at various data rates:

Test Mode	Chain	Bandwidth	Frequency (MHz)	Channel	Data Rate	Peak Power (dBm)
802.11b	A	20	2437	6	1	19.72
					5.5	19.60
					11	19.47
802.11b	B	20	2437	6	1	19.85
					5.5	19.73
					11	19.58
802.11g	A	20	2437	6	6	23.08
					24	22.79
					54	22.46
802.11g	B	20	2437	6	6	23.10
					24	22.71
					54	22.37
802.11a	A	20	5785	157	6	24.01
					24	23.66
					54	23.34
802.11a	B	20	5785	157	6	23.84
					24	23.62
					54	23.25
802.11n	A	20	2437	6	HT0	23.05
					HT4	22.67
					HT7	22.31
802.11n	B	20	2437	6	HT0	23.44
					HT4	23.16
					HT7	23.02
802.11n	A	40	2437	6	HT0	22.71
					HT4	22.39
					HT7	22.16
802.11n	B	40	2437	6	HT0	23.49
					HT4	23.05
					HT7	22.70

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain A)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	20.01	N/A	20.01	30.00	Pass
6	2437	19.72	N/A	19.72	30.00	Pass
11	2462	19.85	N/A	19.85	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	N/A	19.83	19.83	30.00	Pass
6	2437	N/A	19.85	19.85	30.00	Pass
11	2462	N/A	19.71	19.71	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain A)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	22.05	N/A	22.05	30.00	Pass
6	2437	23.08	N/A	23.08	30.00	Pass
11	2462	21.49	N/A	21.49	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	N/A	23.28	23.28	30.00	Pass
6	2437	N/A	23.10	23.10	30.00	Pass
11	2462	N/A	22.85	22.85	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain A)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
149	5745	24.51	N/A	24.51	30.00	Pass
157	5785	24.01	N/A	24.01	30.00	Pass
165	5825	24.08	N/A	24.08	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
149	5745	N/A	23.65	23.65	30.00	Pass
157	5785	N/A	23.84	23.84	30.00	Pass
165	5825	N/A	23.68	23.68	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain A)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	20.97	N/A	20.97	30.00	Pass
6	2437	23.05	N/A	23.05	30.00	Pass
11	2462	21.15	N/A	21.15	30.00	Pass
149	5745	24.67	N/A	24.67	30.00	Pass
157	5785	23.57	N/A	23.57	30.00	Pass
165	5825	23.62	N/A	23.62	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	N/A	23.31	23.31	30.00	Pass
6	2437	N/A	23.44	23.44	30.00	Pass
11	2462	N/A	23.25	23.25	30.00	Pass
149	5745	N/A	23.68	23.68	30.00	Pass
157	5785	N/A	23.81	23.81	30.00	Pass
165	5825	N/A	23.45	23.45	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain A+B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
1	2412	20.24	20.13	23.20	30.00	Pass
6	2437	20.82	20.01	23.44	30.00	Pass
11	2462	20.58	19.62	23.14	30.00	Pass
149	5745	20.72	20.16	23.46	30.00	Pass
157	5785	20.96	20.09	23.56	30.00	Pass
165	5825	20.35	20.12	23.25	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain A)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
3	2422	18.82	N/A	18.82	30.00	Pass
6	2437	22.71	N/A	22.71	30.00	Pass
9	2452	17.84	N/A	17.84	30.00	Pass
151	5755	23.93	N/A	23.93	30.00	Pass
159	5795	23.02	N/A	23.02	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
3	2422	N/A	19.01	19.01	30.00	Pass
6	2437	N/A	23.49	23.49	30.00	Pass
9	2452	N/A	19.75	19.75	30.00	Pass
151	5755	N/A	23.75	23.75	30.00	Pass
159	5795	N/A	23.57	23.57	30.00	Pass

Product	:	Eee PC
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain A+B)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
3	2422	20.43	20.17	23.31	30.00	Pass
6	2437	20.51	20.34	23.44	30.00	Pass
9	2452	20.38	20.10	23.25	30.00	Pass
151	5755	20.74	20.04	23.41	30.00	Pass
159	5795	20.11	20.24	23.19	30.00	Pass

10. Power Spectral Density

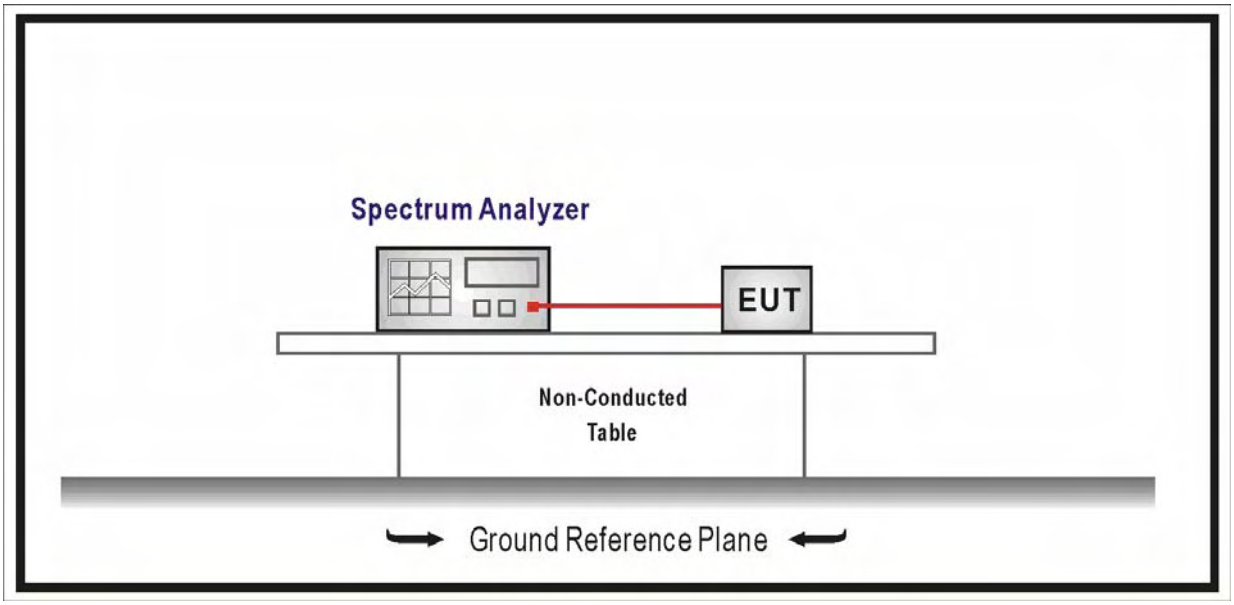
10.1. Test Equipment

Power Spectral Density / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2010.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2010.01.14

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

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiated to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

10.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW≧ 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

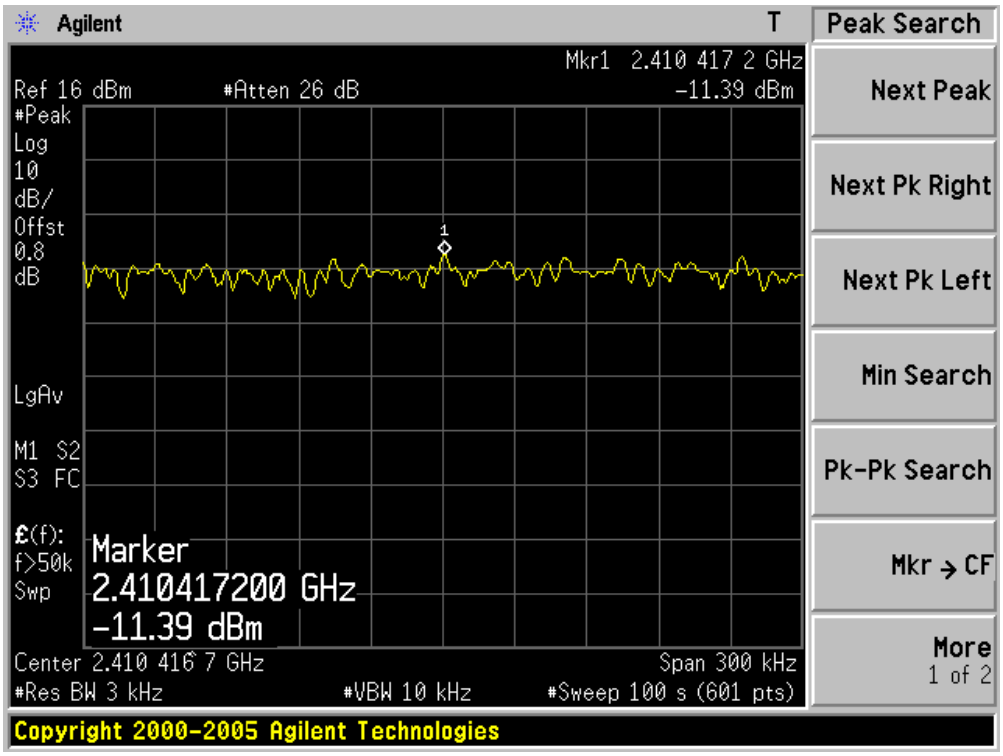
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

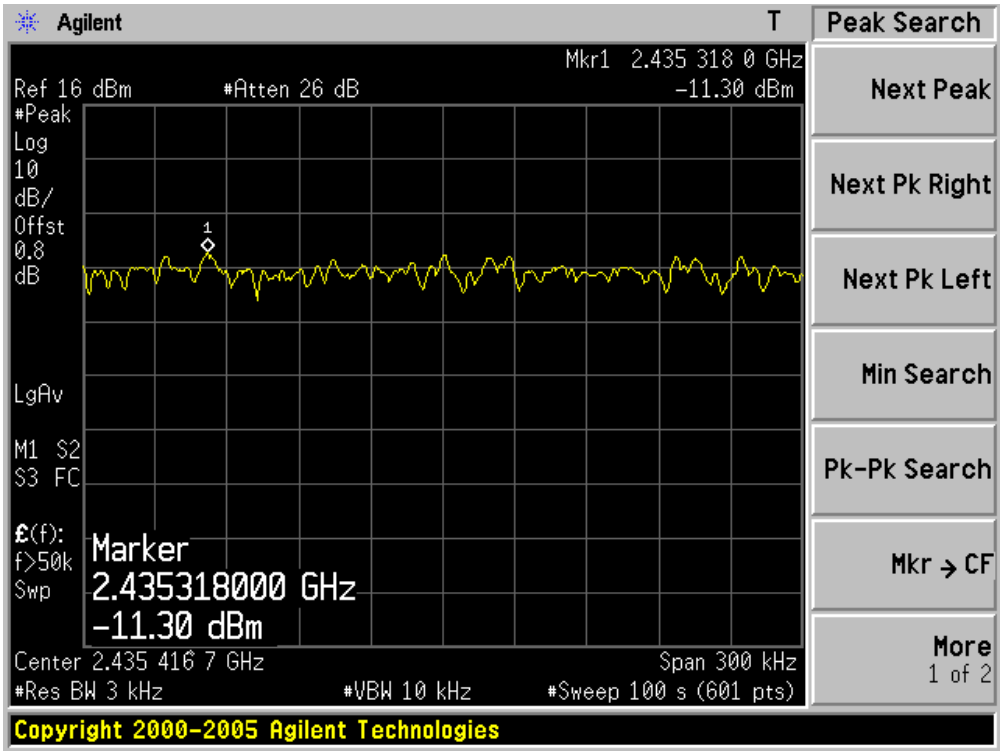
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain A)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	-11.39	N/A	-11.39	8	Pass
06	2437	-11.30	N/A	-11.30	8	Pass
11	2462	-9.98	N/A	-9.98	8	Pass

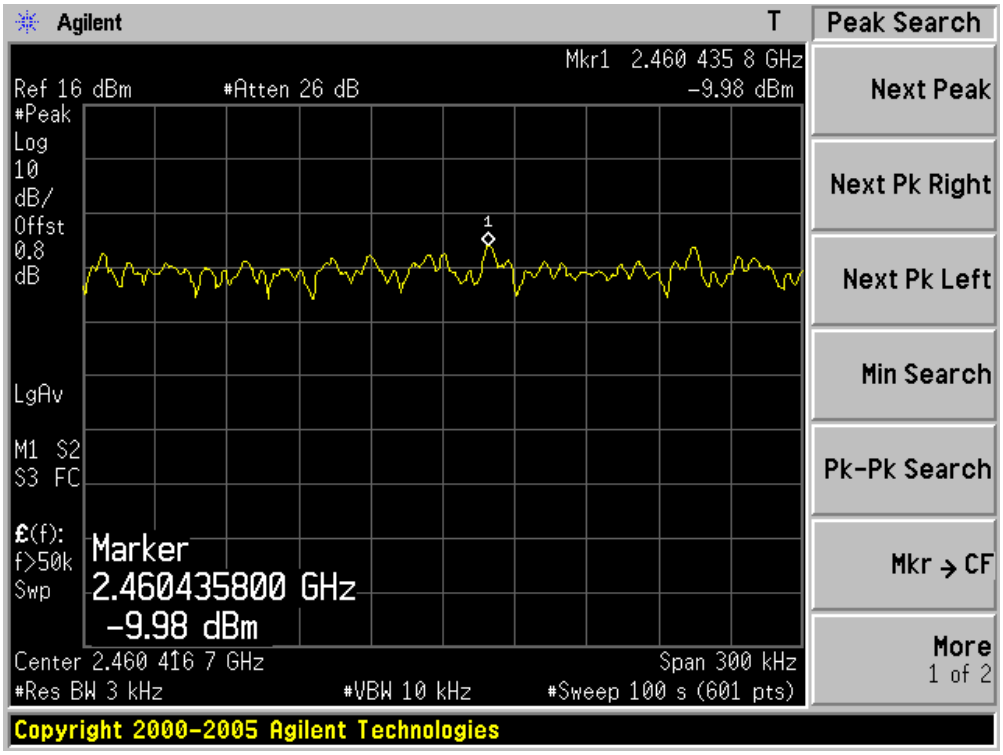
Channel 01 (2412MHz)



Channel 06 (2437MHz)



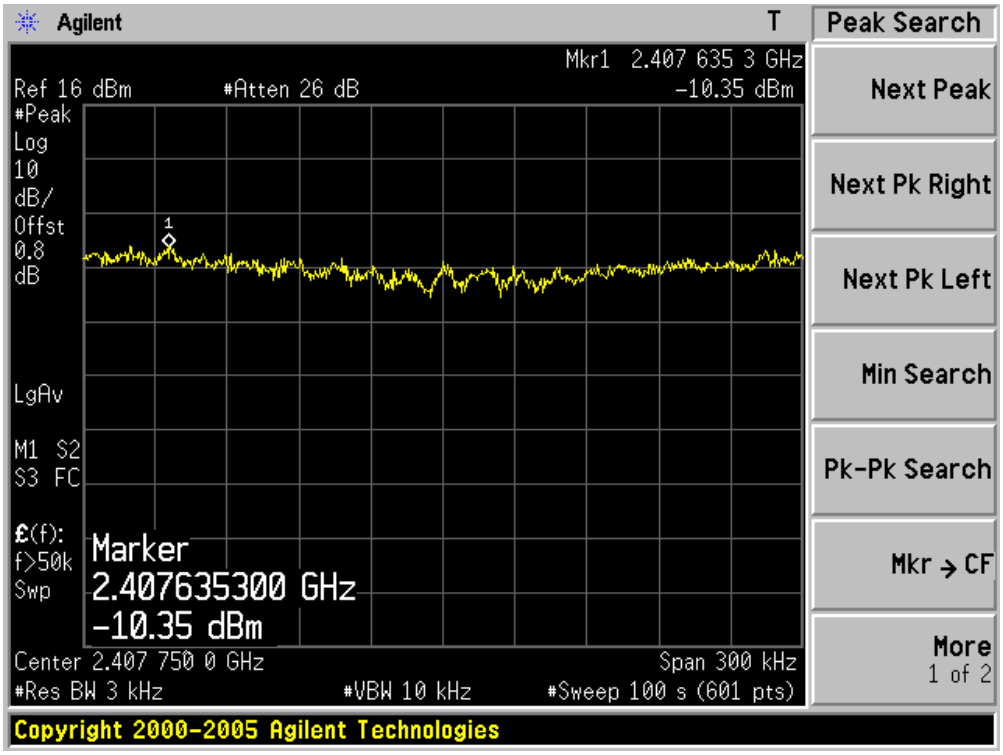
Channel 11 (2462MHz)



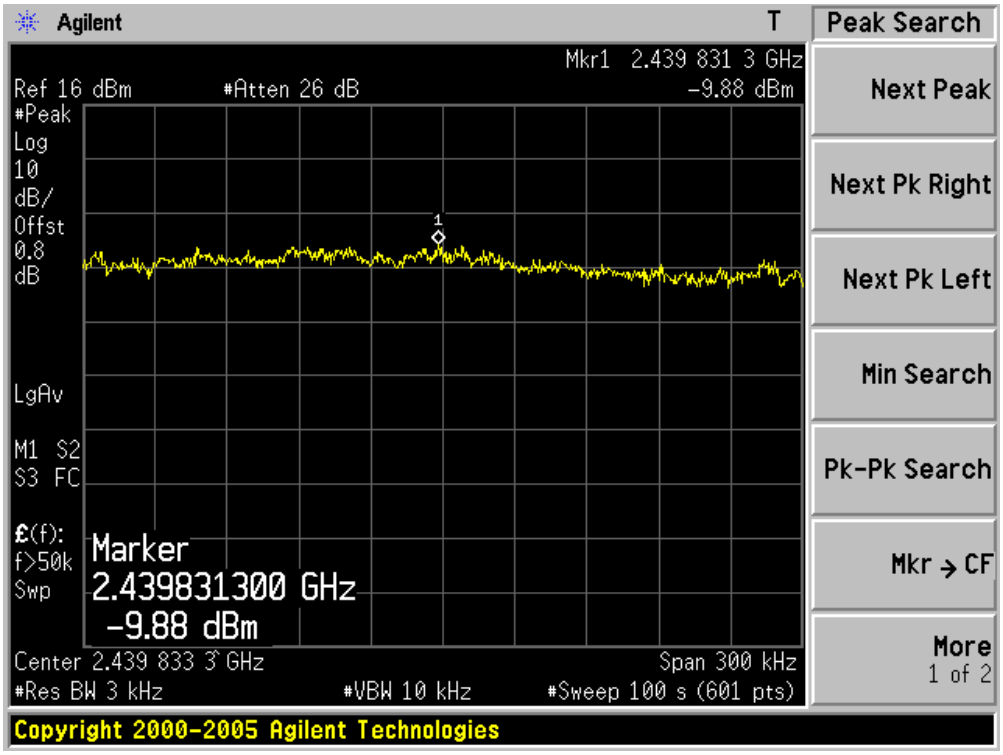
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain A)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	-10.35	N/A	-10.35	8	Pass
06	2437	-9.88	N/A	-9.88	8	Pass
11	2462	-10.80	N/A	-10.80	8	Pass

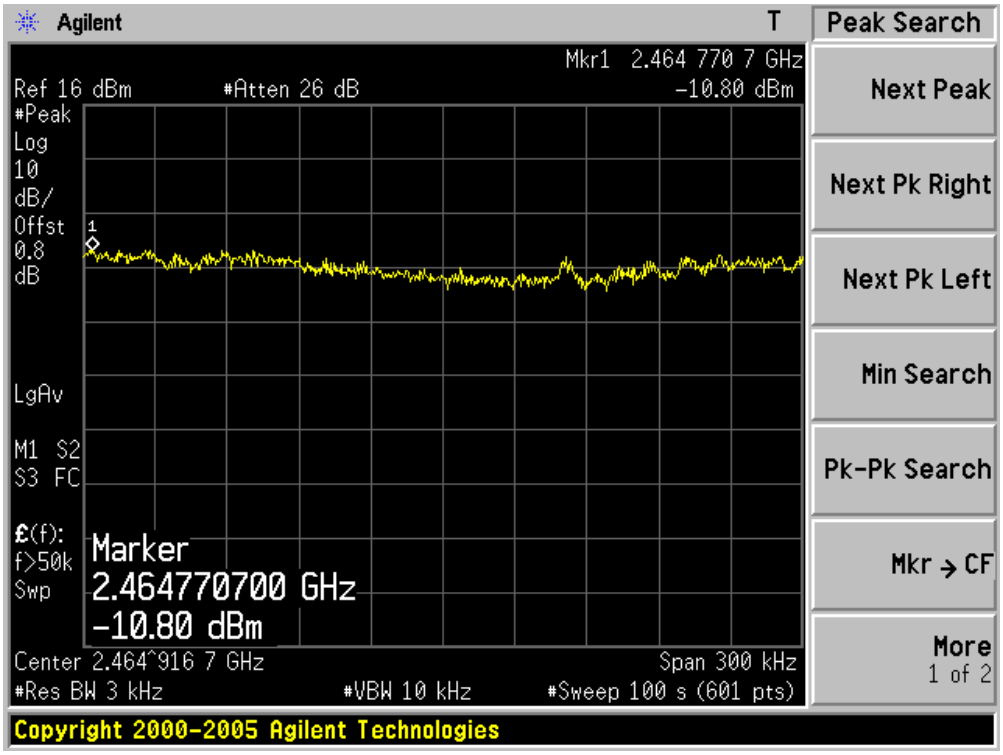
Channel 01 (2412MHz)



Channel 06 (2437MHz)



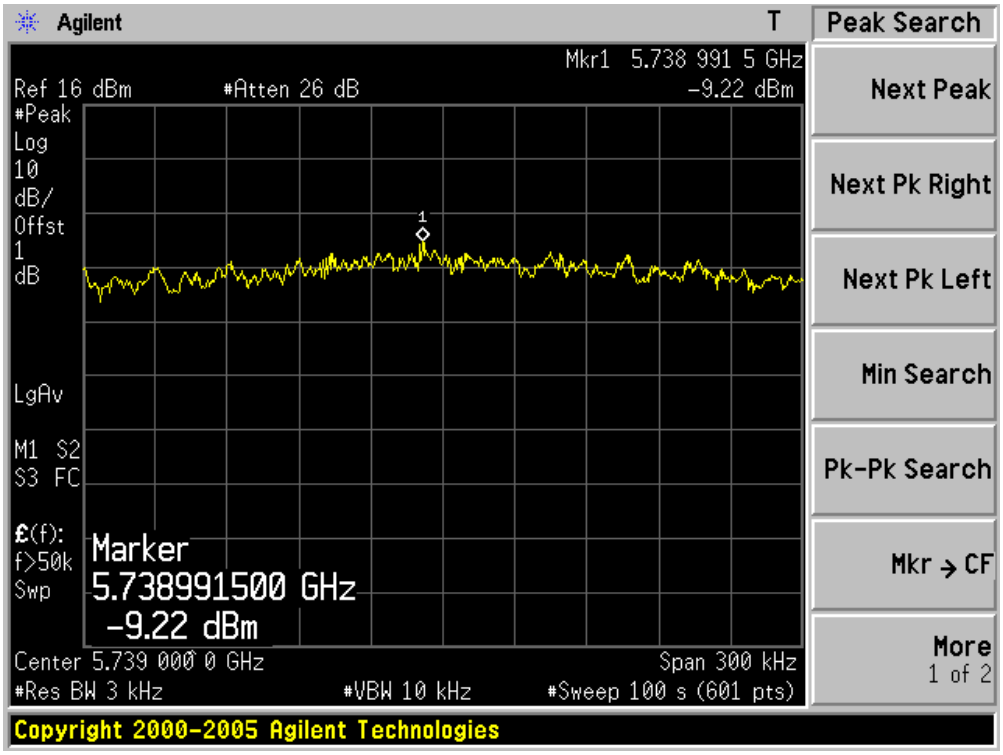
Channel 11 (2462MHz)



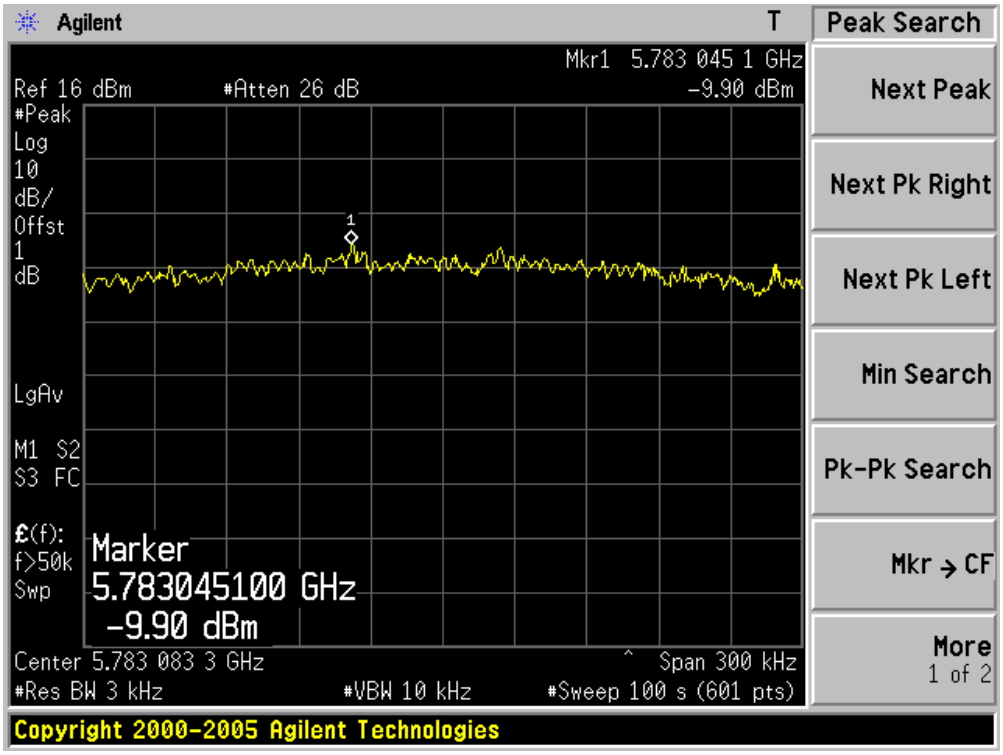
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain A)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
149	5745	-9.22	N/A	-9.22	8	Pass
157	5785	-9.90	N/A	-9.90	8	Pass
165	5825	-9.18	N/A	-9.18	8	Pass

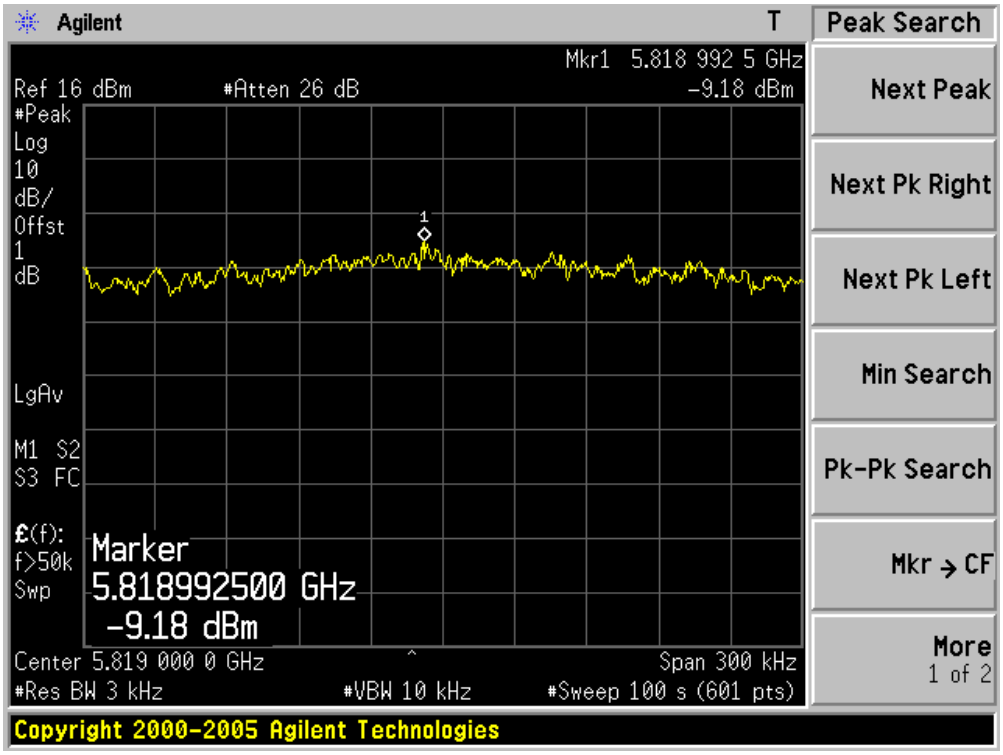
Channel 149 (5745MHz)



Channel 157 (5785MHz)



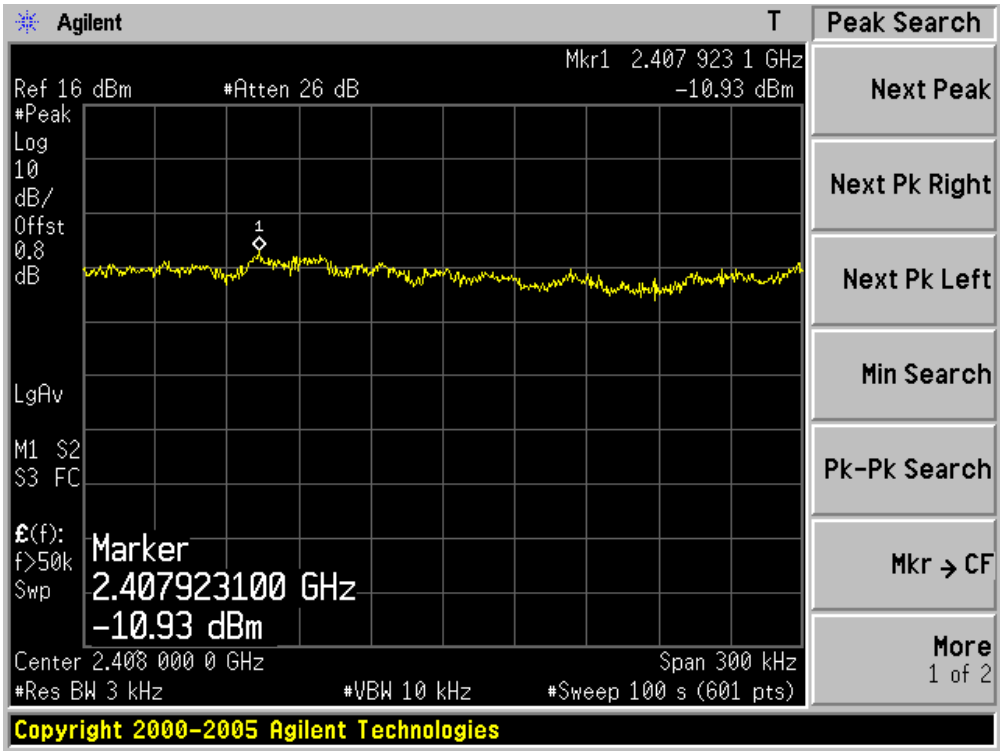
Channel 165 (5825MHz)



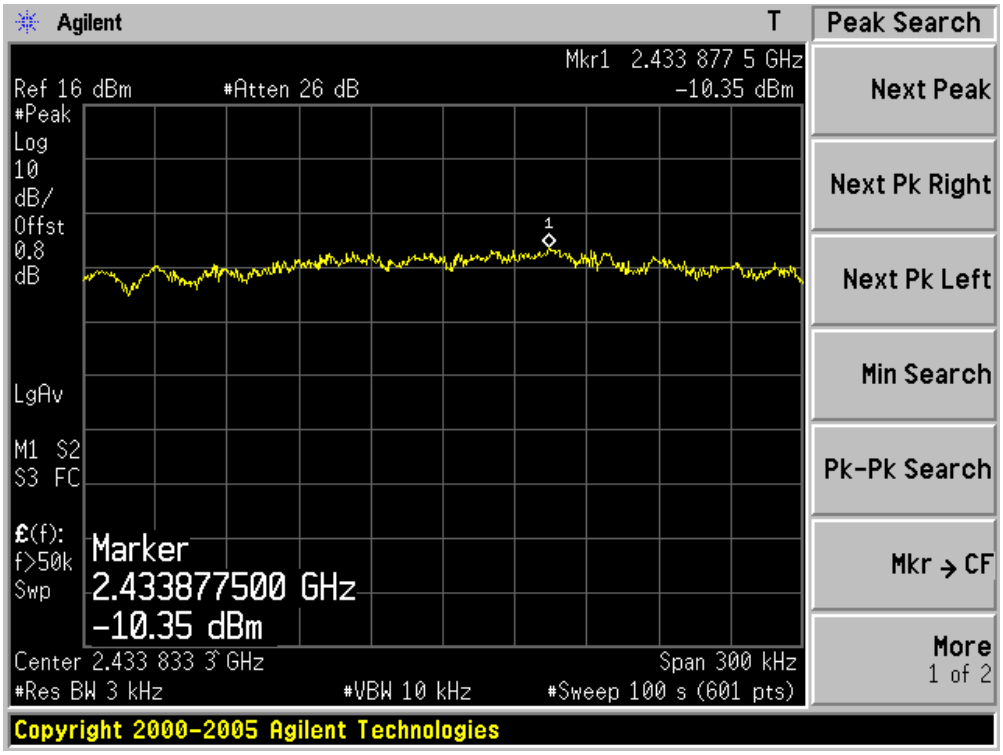
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain A)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	-10.93	N/A	-10.93	8	Pass
06	2437	-10.35	N/A	-10.35	8	Pass
11	2462	-9.89	N/A	-9.89	8	Pass
149	5745	-10.41	N/A	-10.41	8	Pass
157	5785	-10.42	N/A	-10.42	8	Pass
165	5825	-11.57	N/A	-11.57	8	Pass

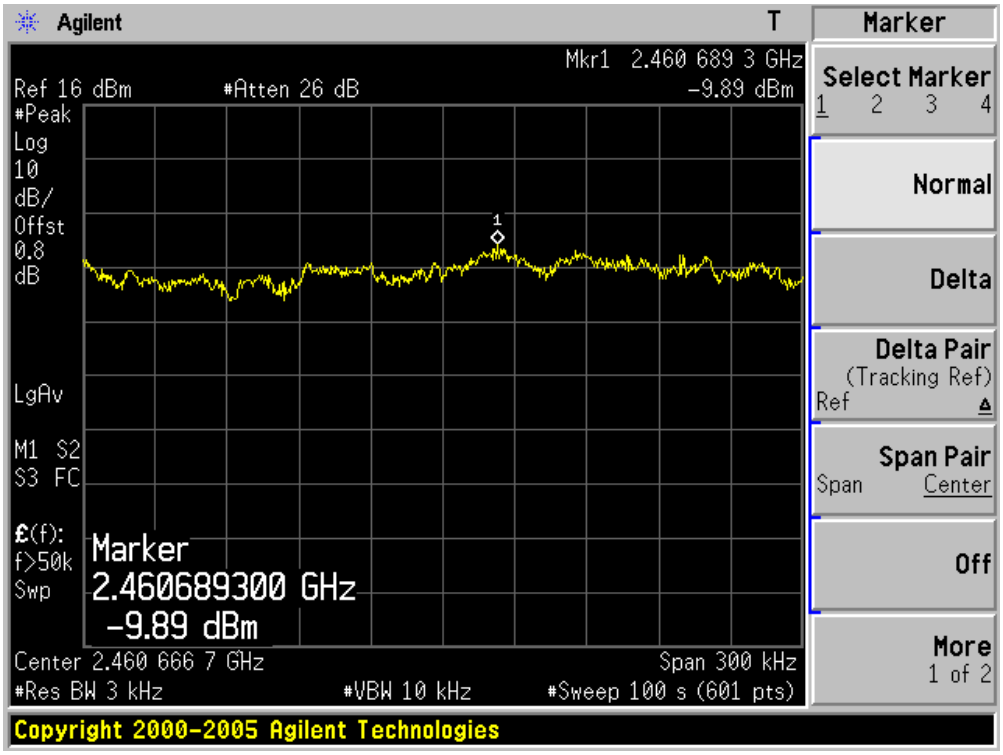
Channel 01 (2412MHz)



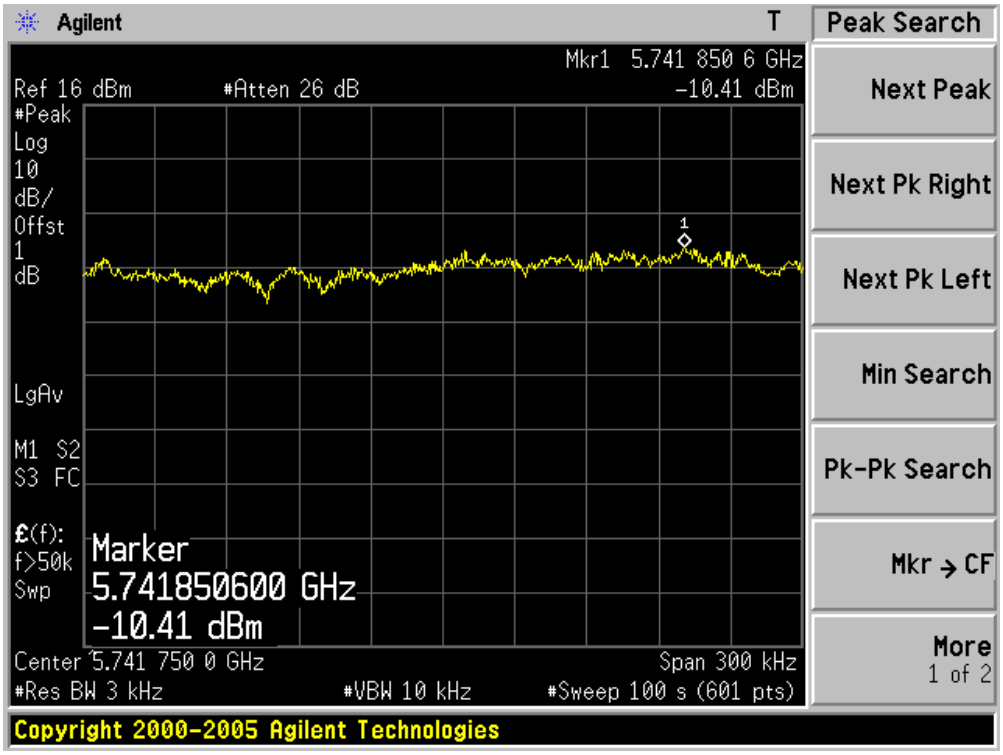
Channel 06 (2437MHz)



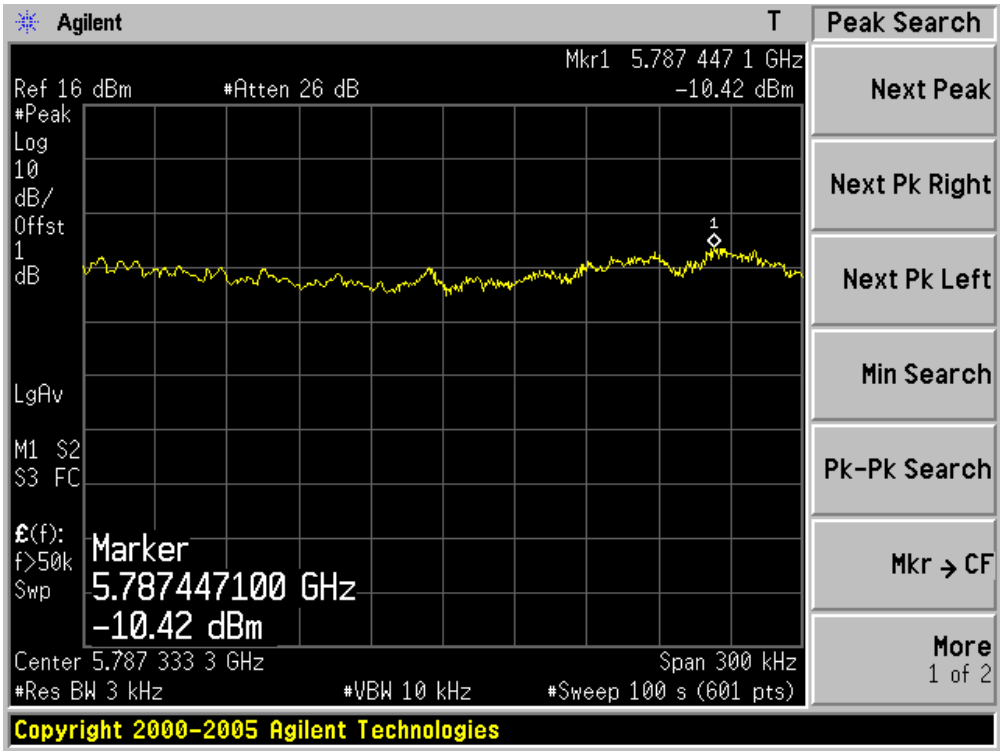
Channel 11 (2462MHz)



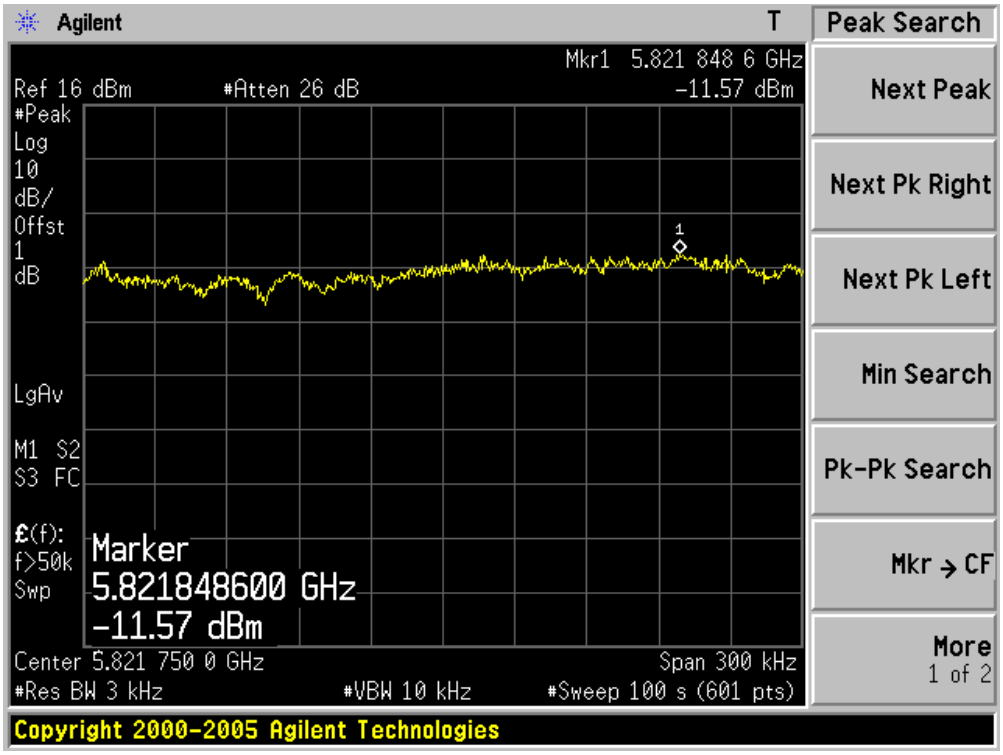
Channel 149 (5745MHz)



Channel 157 (5785MHz)



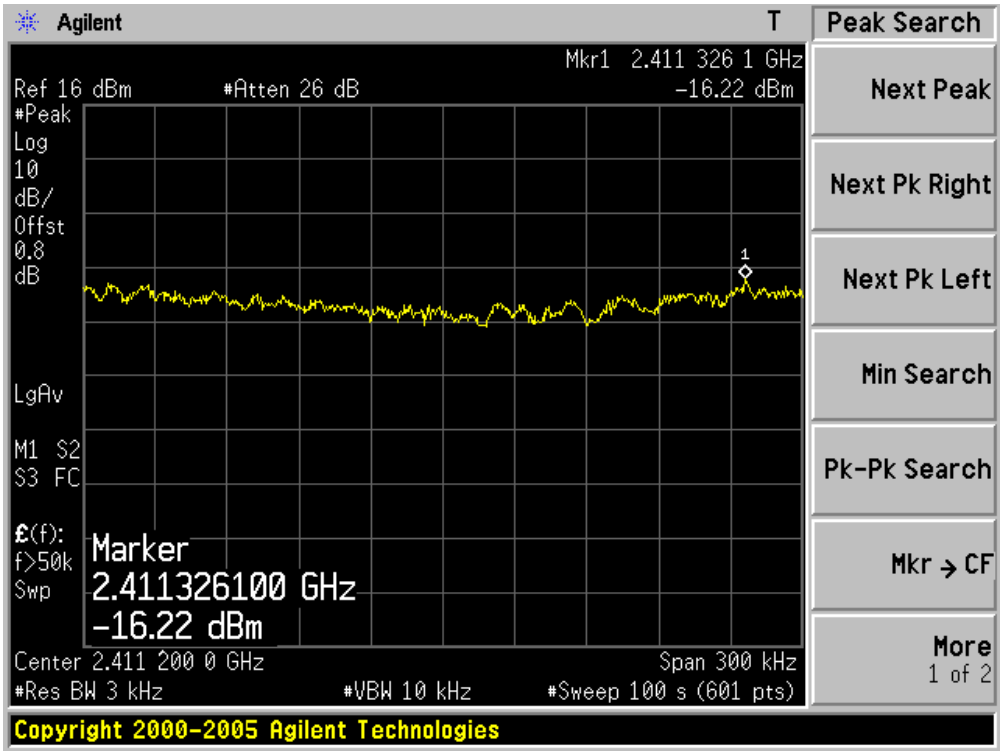
Channel 165 (5825MHz)



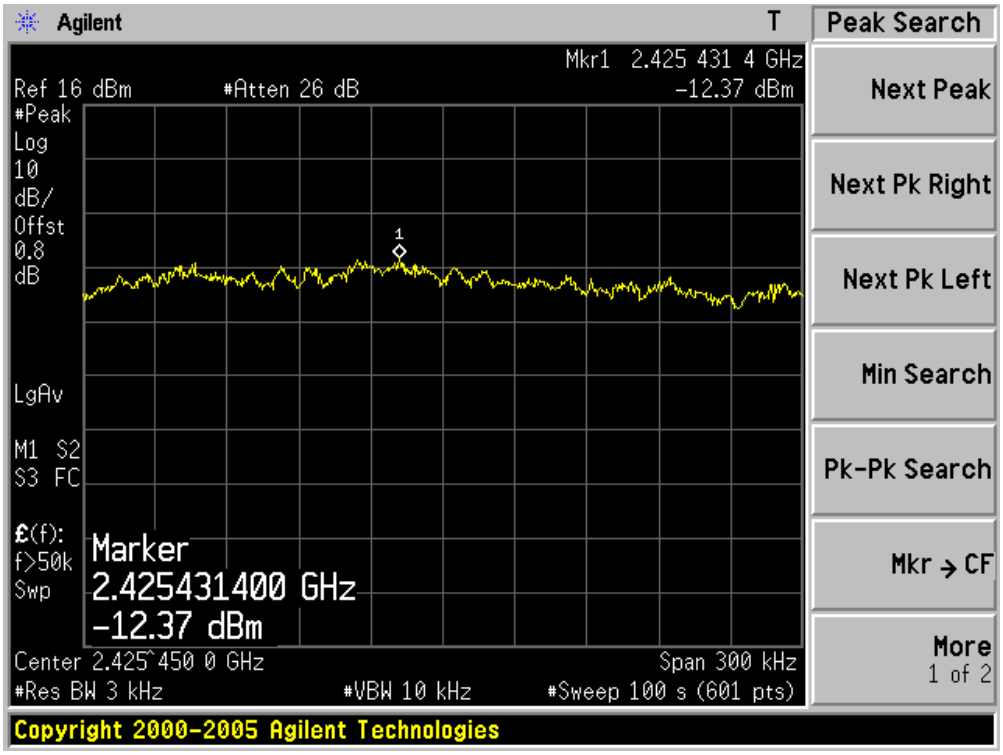
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
03	2422	-16.22	N/A	-16.22	8	Pass
06	2437	-12.37	N/A	-12.37	8	Pass
09	2452	-17.53	N/A	-17.53	8	Pass
151	5755	-12.71	N/A	-12.71	8	Pass
159	5795	-11.13	N/A	-11.13	8	Pass

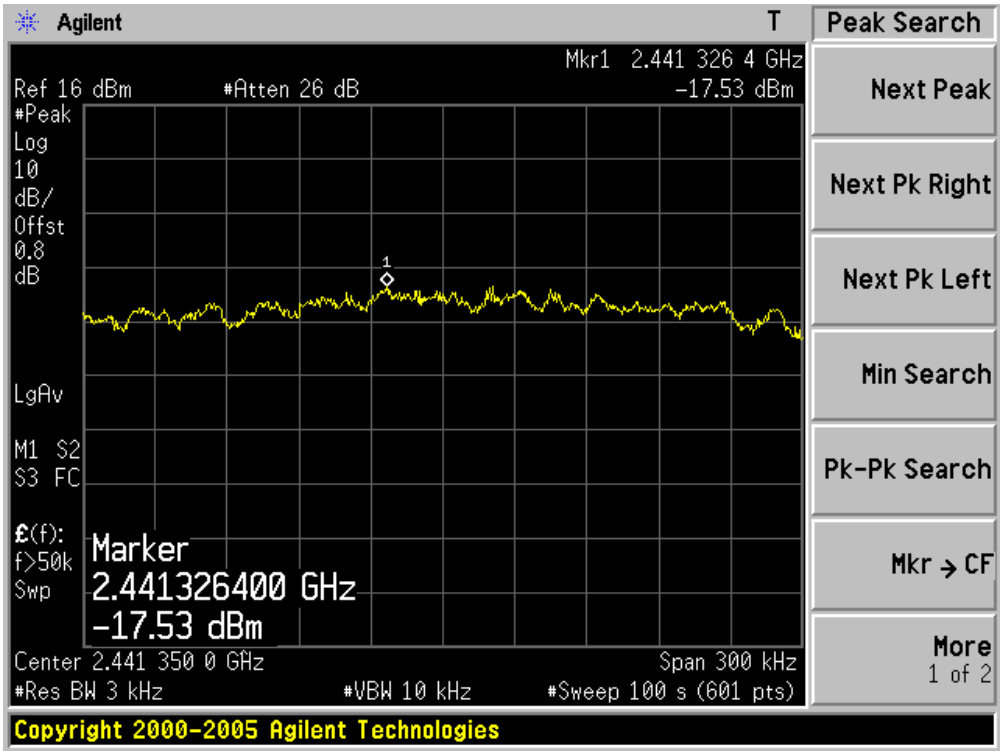
Channel 03 (2422MHz)



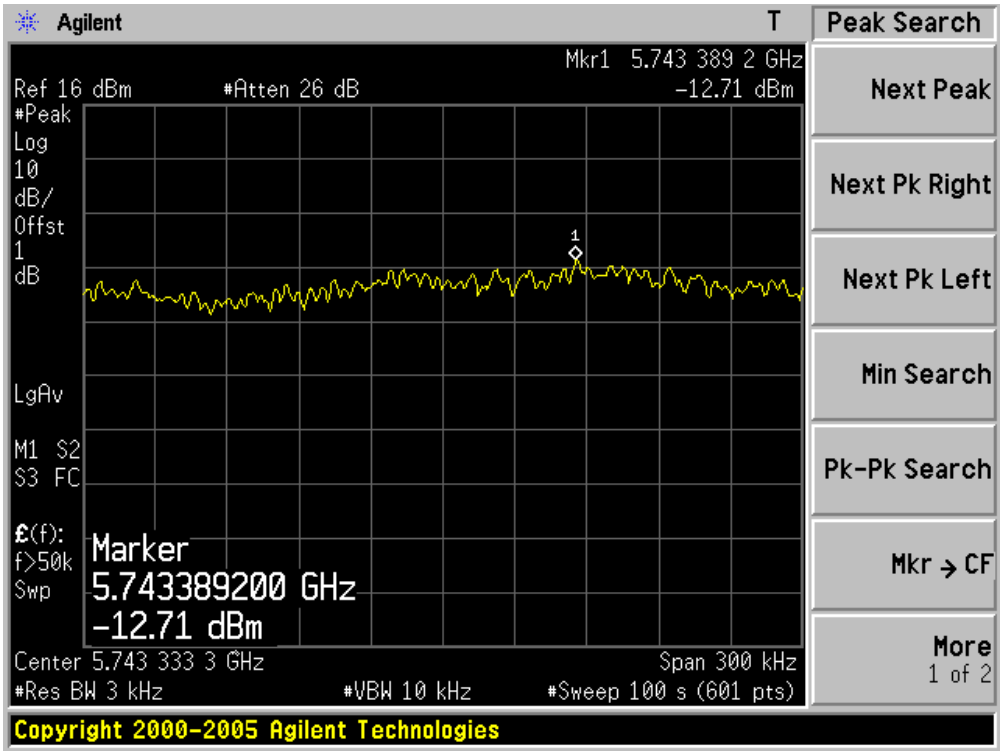
Channel 06 (2437MHz)



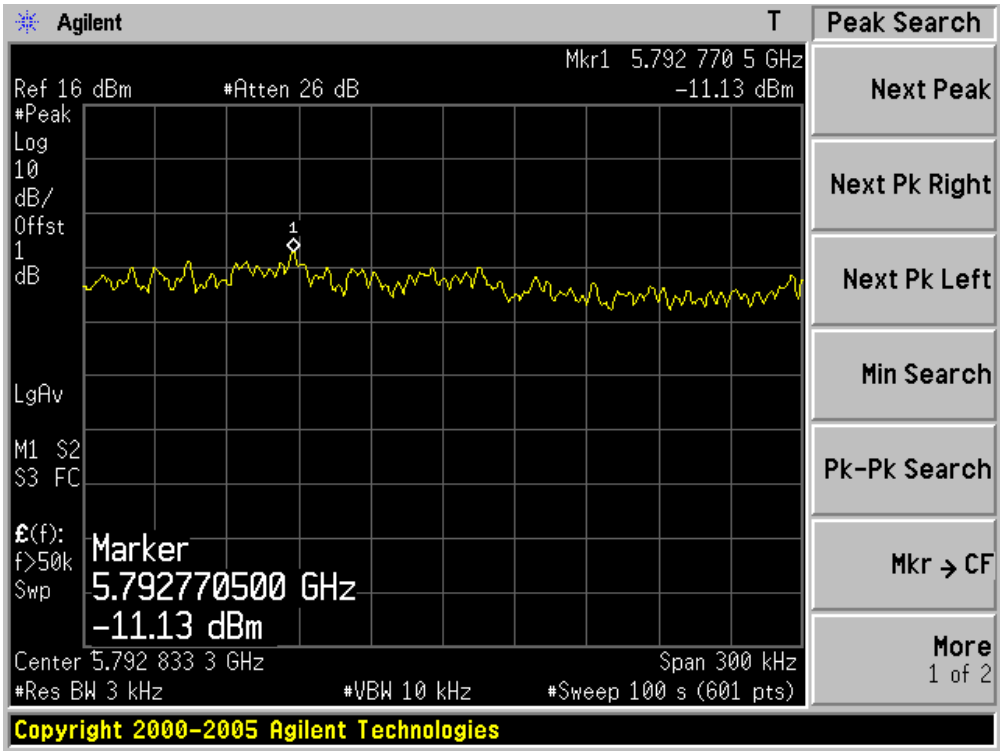
Channel 09 (2452MHz)



Channel 151 (5755MHz)



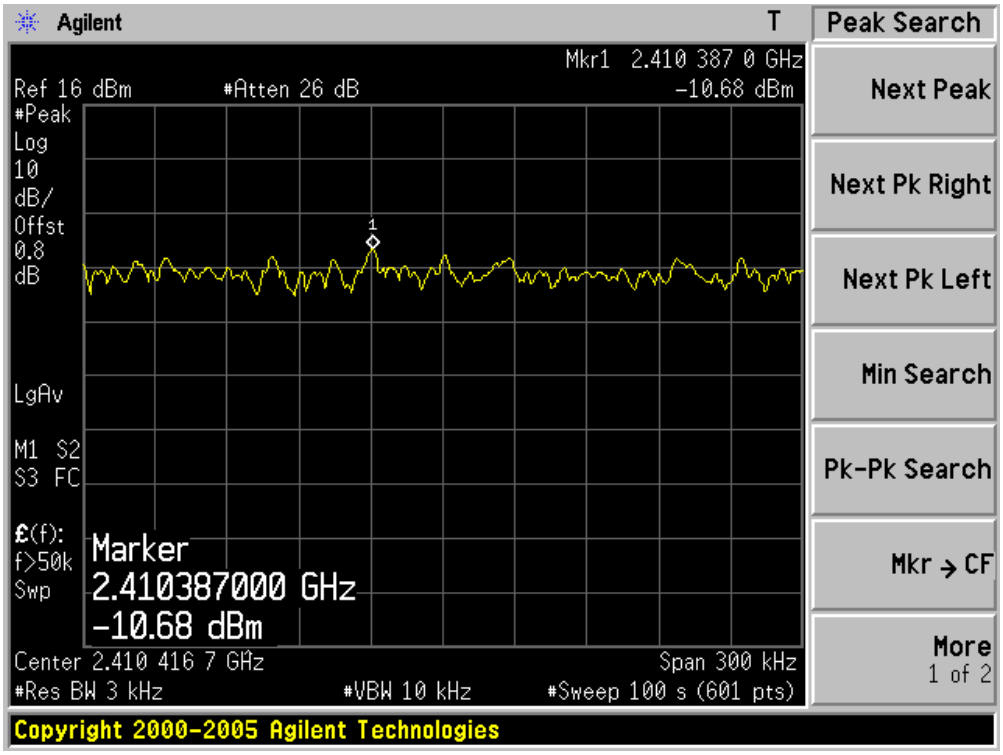
Channel 159 (5795MHz)



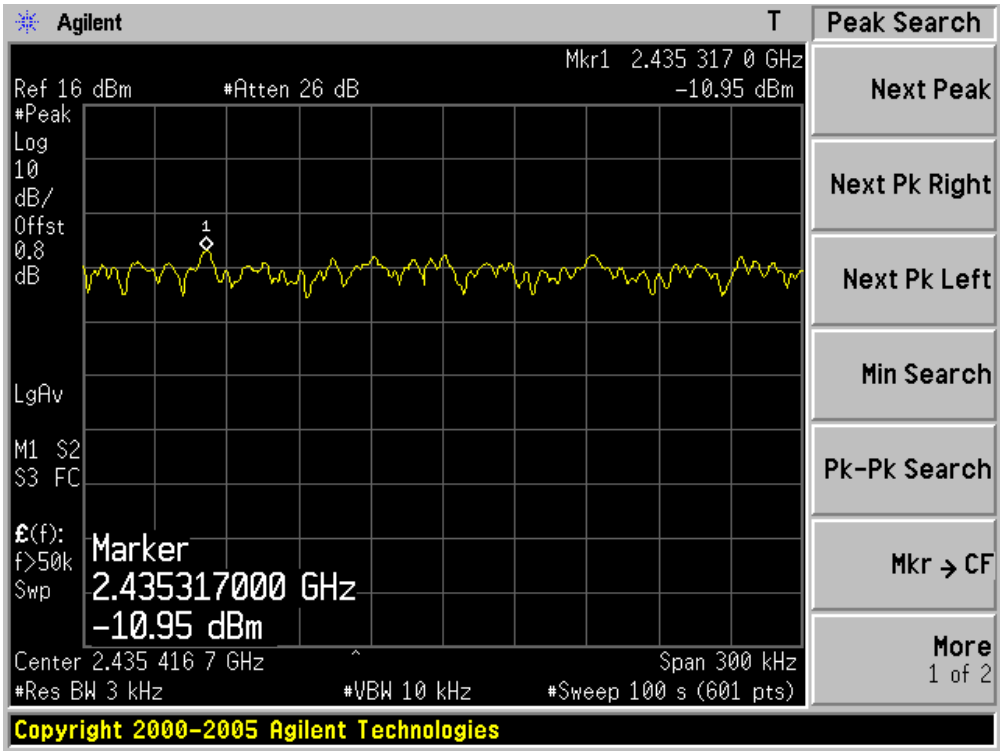
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	N/A	-10.68	-10.68	8	Pass
06	2437	N/A	-10.95	-10.95	8	Pass
11	2462	N/A	-10.77	-10.77	8	Pass

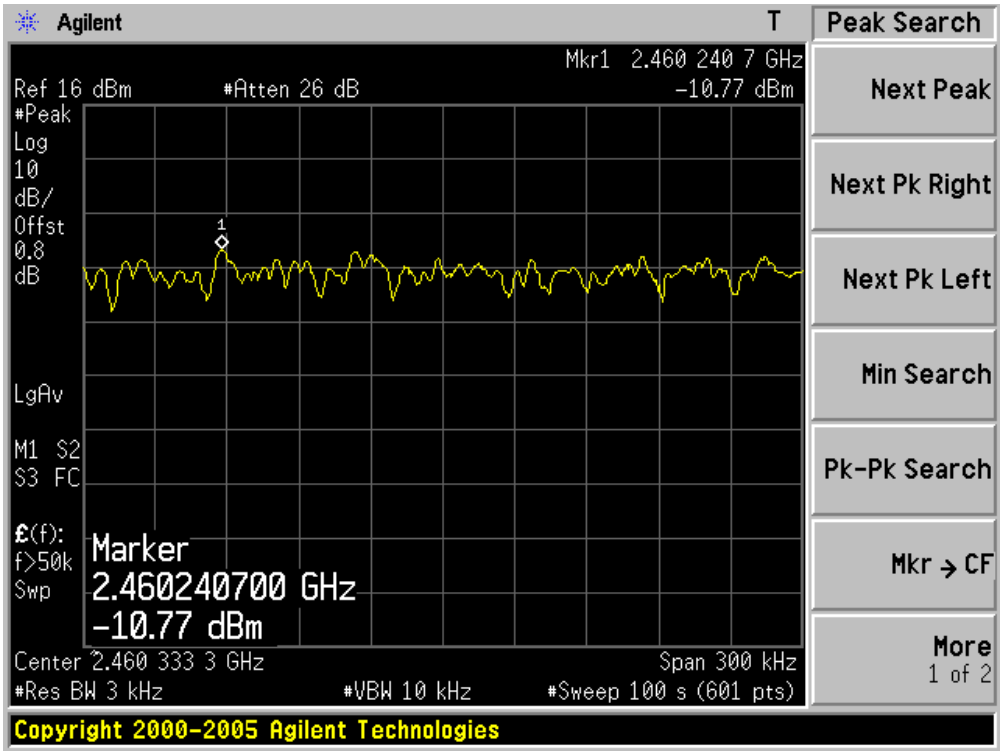
Channel 01 (2412MHz)



Channel 06 (2437MHz)



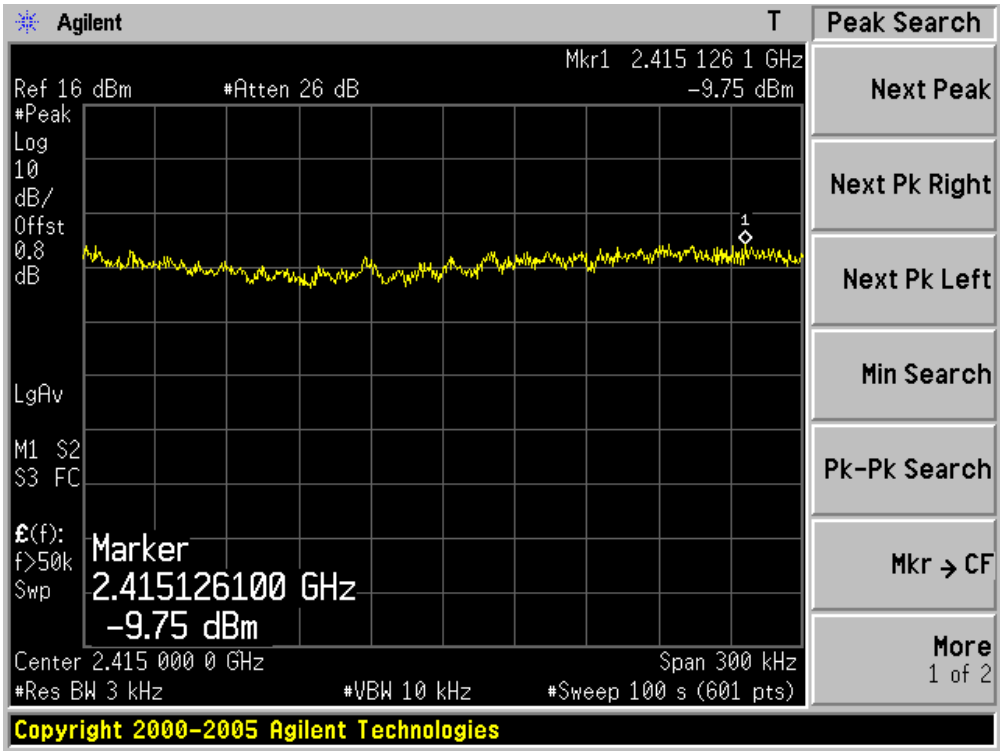
Channel 11 (2462MHz)



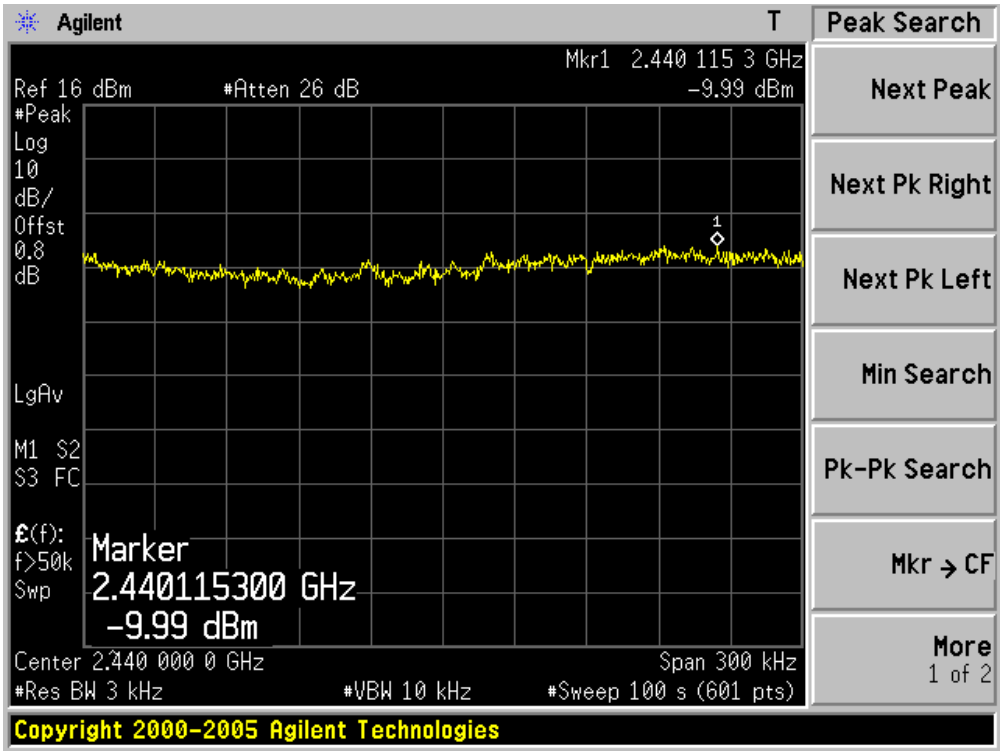
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	N/A	-9.75	-9.75	8	Pass
06	2437	N/A	-9.99	-9.99	8	Pass
11	2462	N/A	-9.85	-9.85	8	Pass

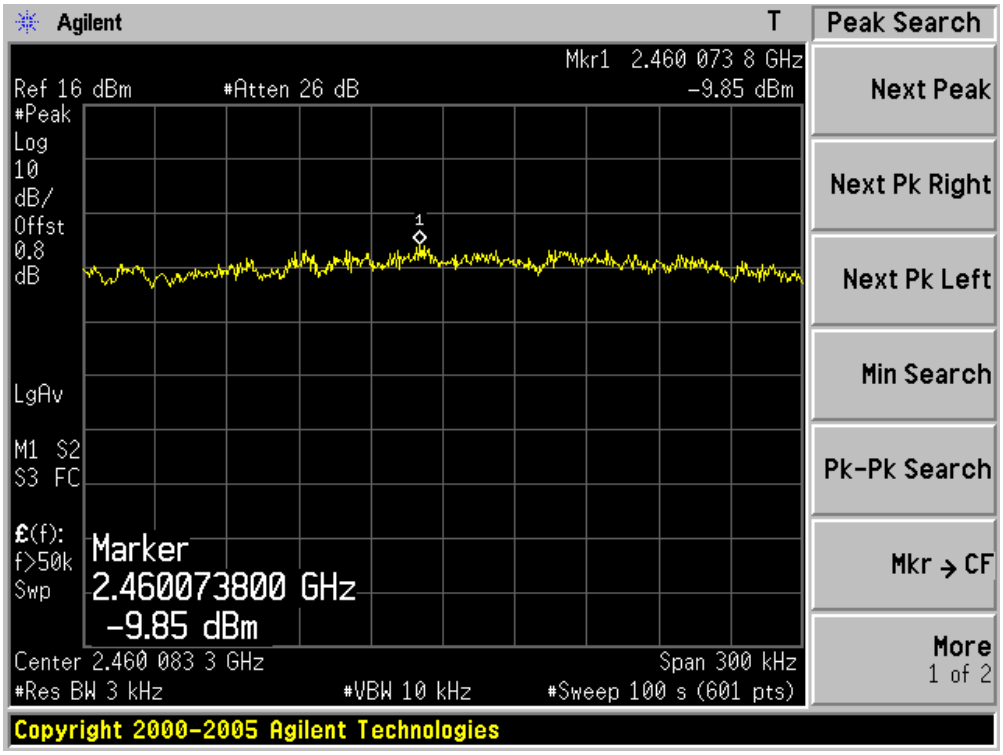
Channel 01 (2412MHz)



Channel 06 (2437MHz)



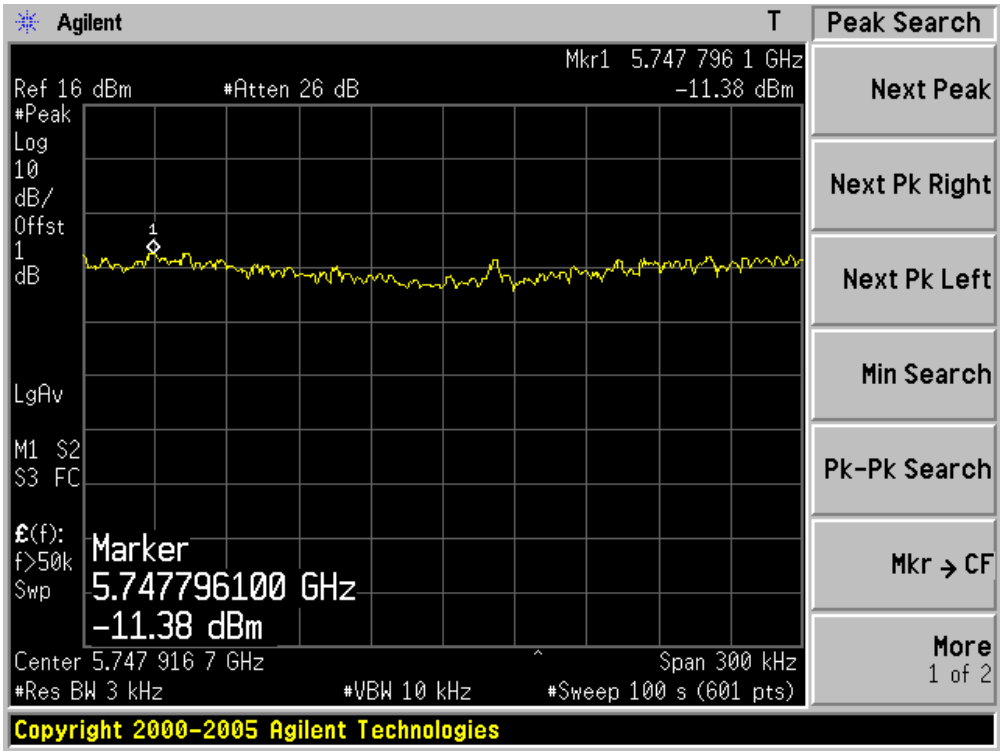
Channel 11 (2462MHz)



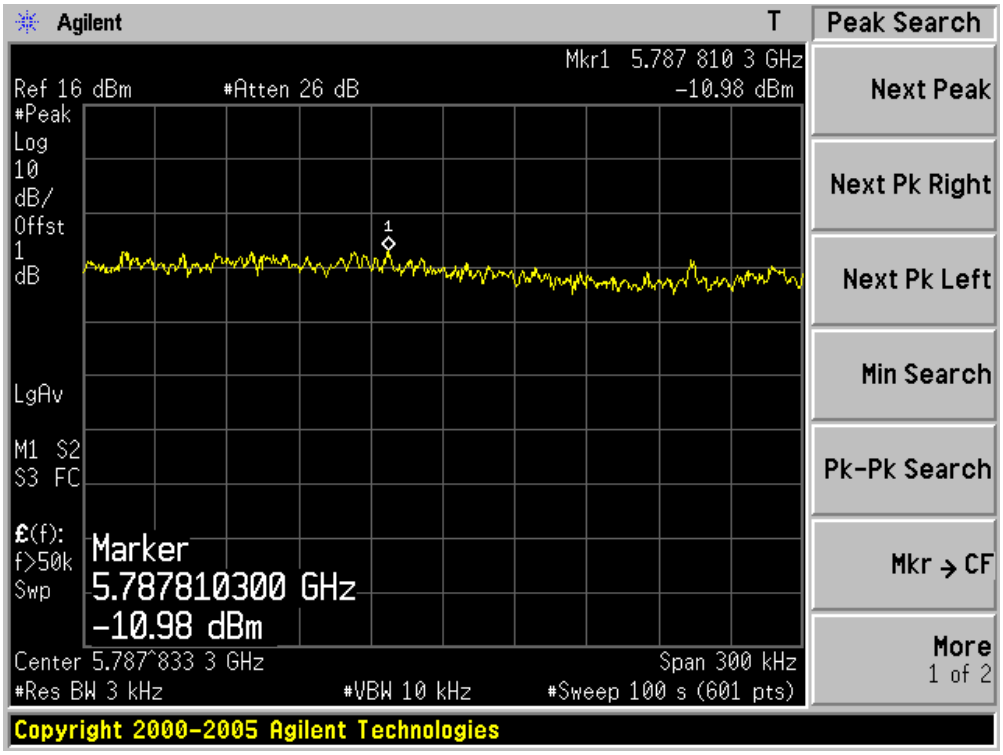
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
149	5745	N/A	-11.38	-11.38	8	Pass
157	5785	N/A	-10.98	-10.98	8	Pass
165	5825	N/A	-10.94	-10.94	8	Pass

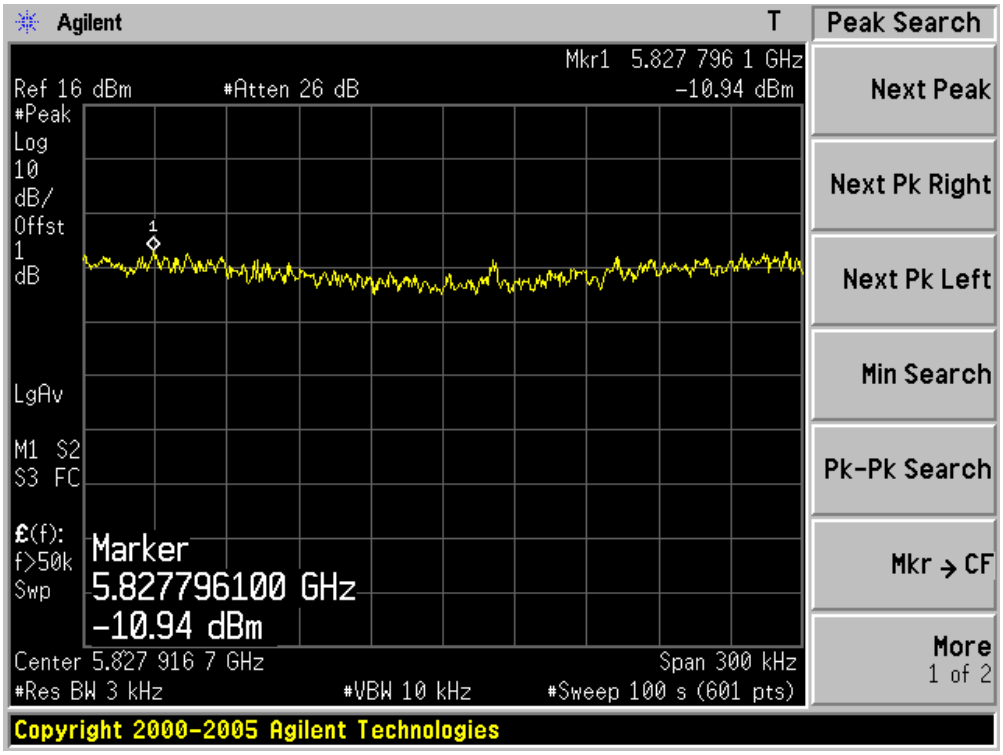
Channel 149 (5745MHz)



Channel 157 (5785MHz)



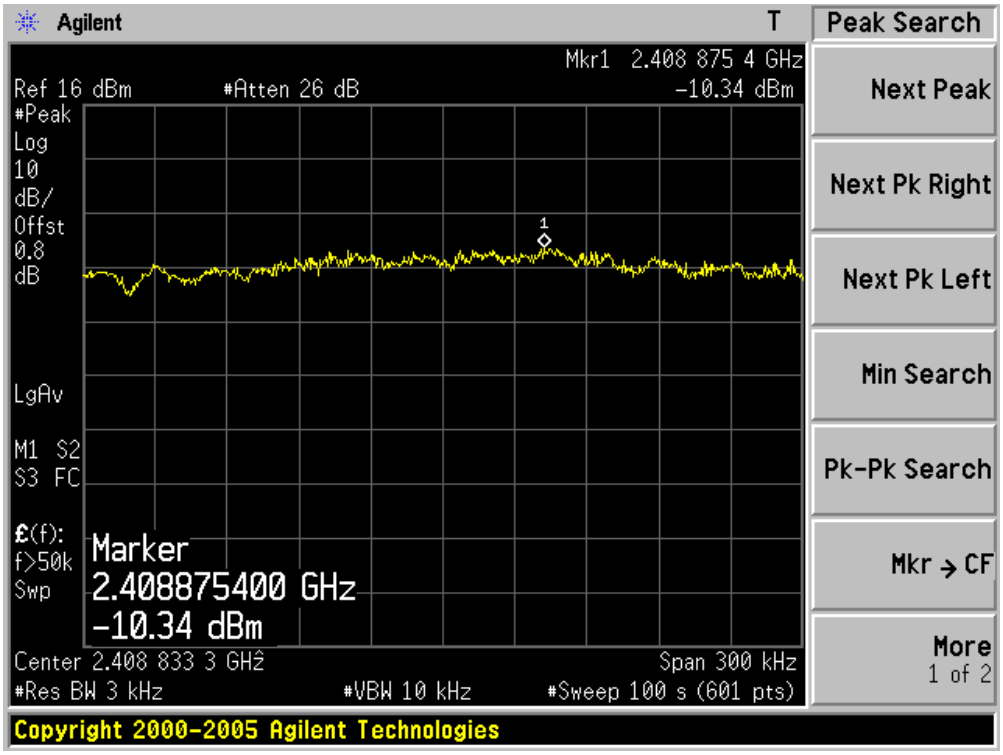
Channel 165 (5825MHz)



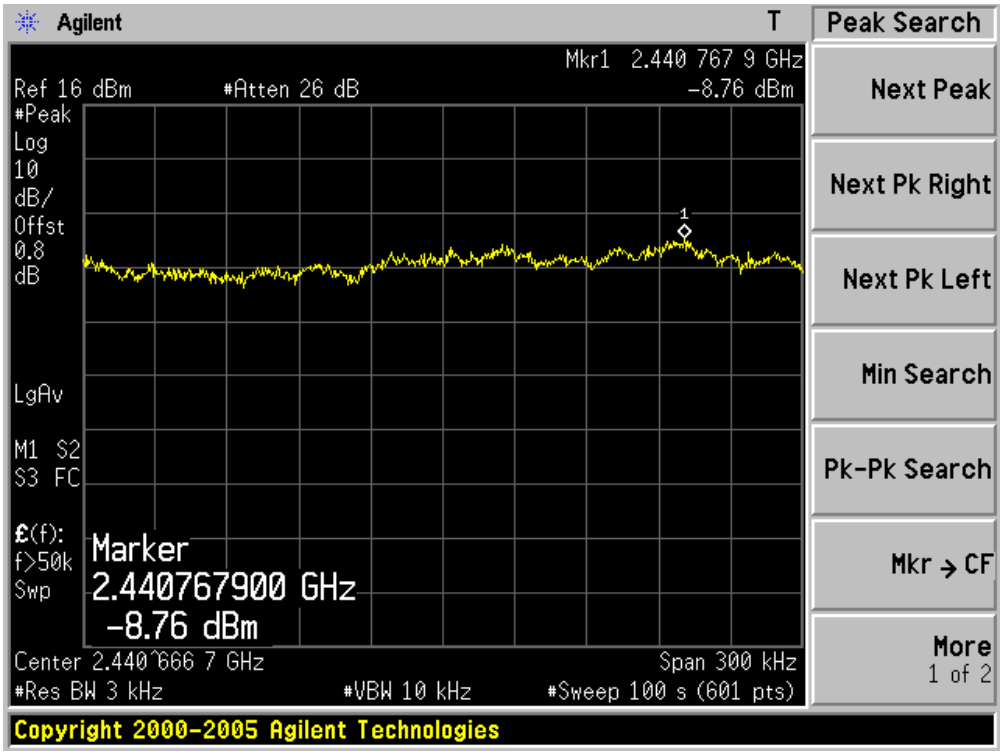
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	N/A	-10.34	-10.34	8	Pass
06	2437	N/A	-8.76	-8.76	8	Pass
11	2462	N/A	-9.16	-9.16	8	Pass
149	5745	N/A	-11.15	-11.15	8	Pass
157	5785	N/A	-10.56	-10.56	8	Pass
165	5825	N/A	-11.30	-11.30	8	Pass

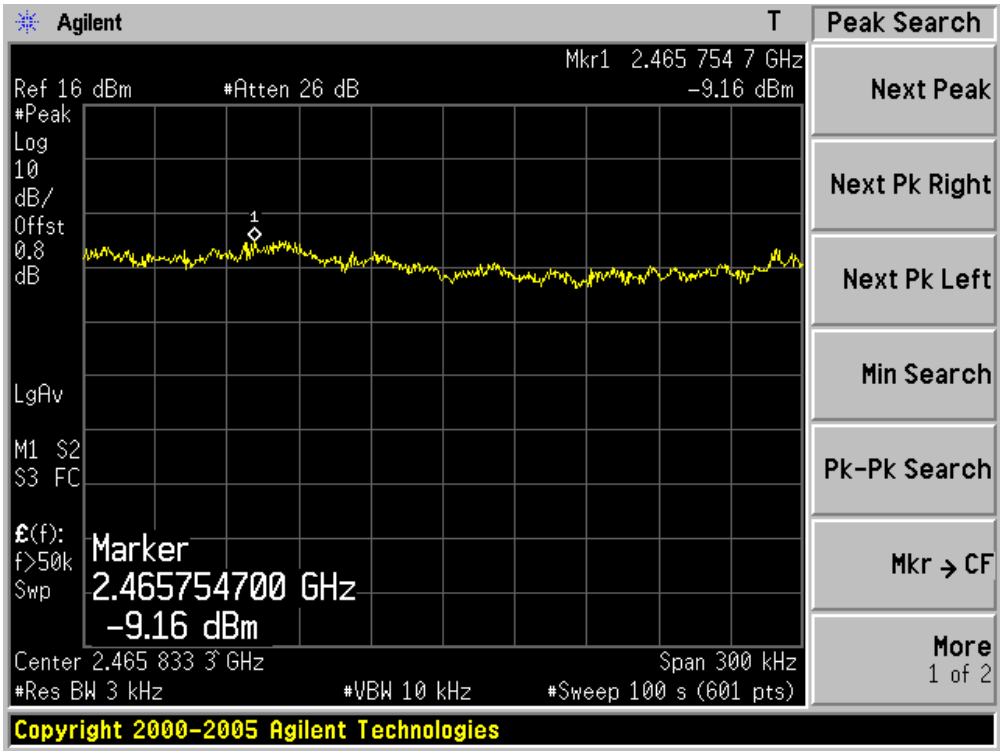
Channel 01 (2412MHz)



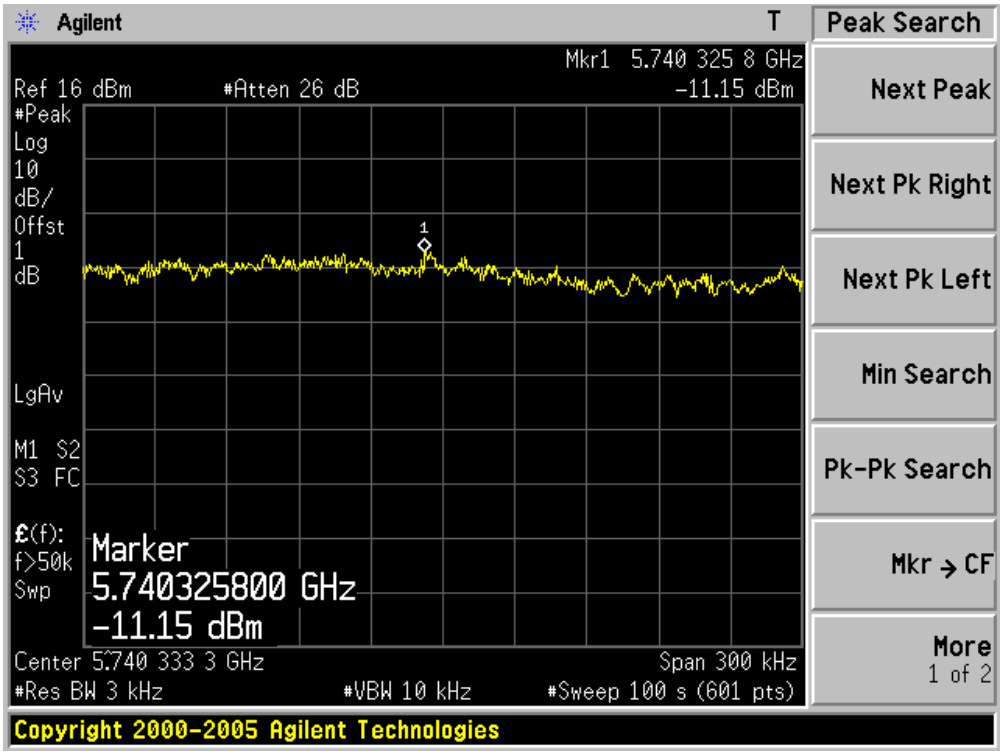
Channel 06 (2437MHz)



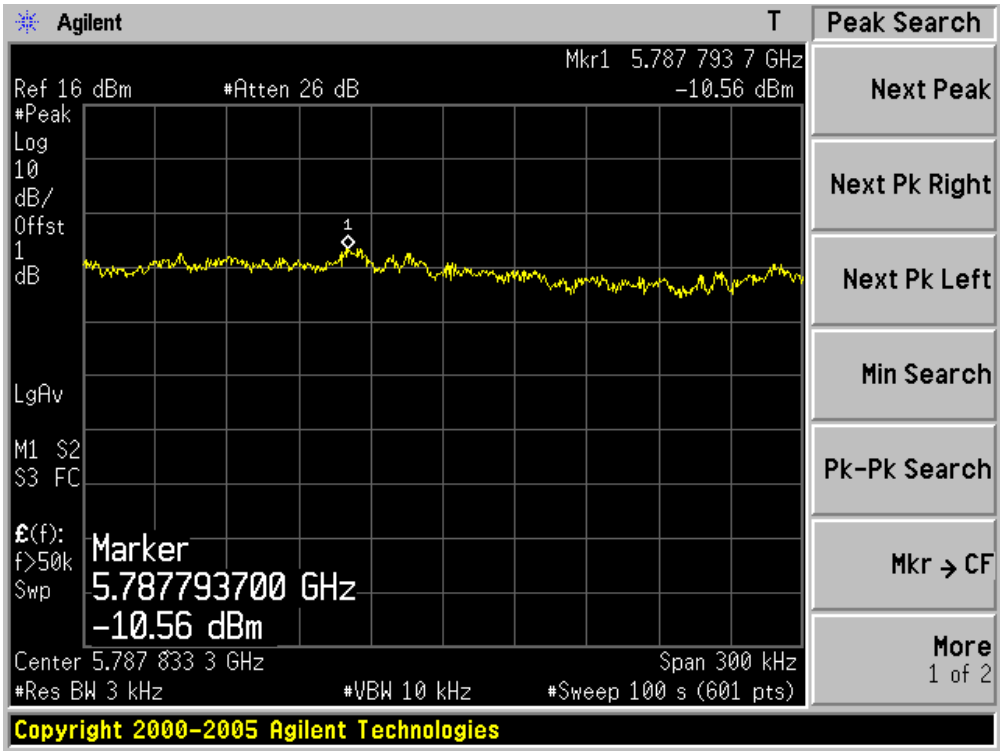
Channel 11 (2462MHz)



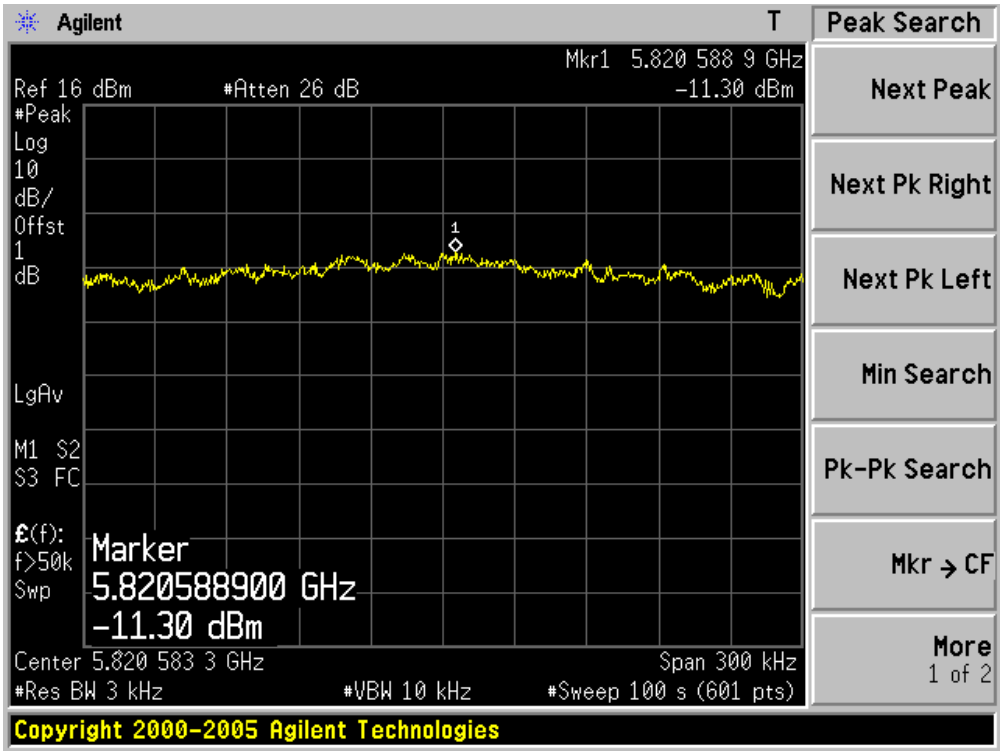
Channel 149 (5745MHz)



Channel 157 (5785MHz)



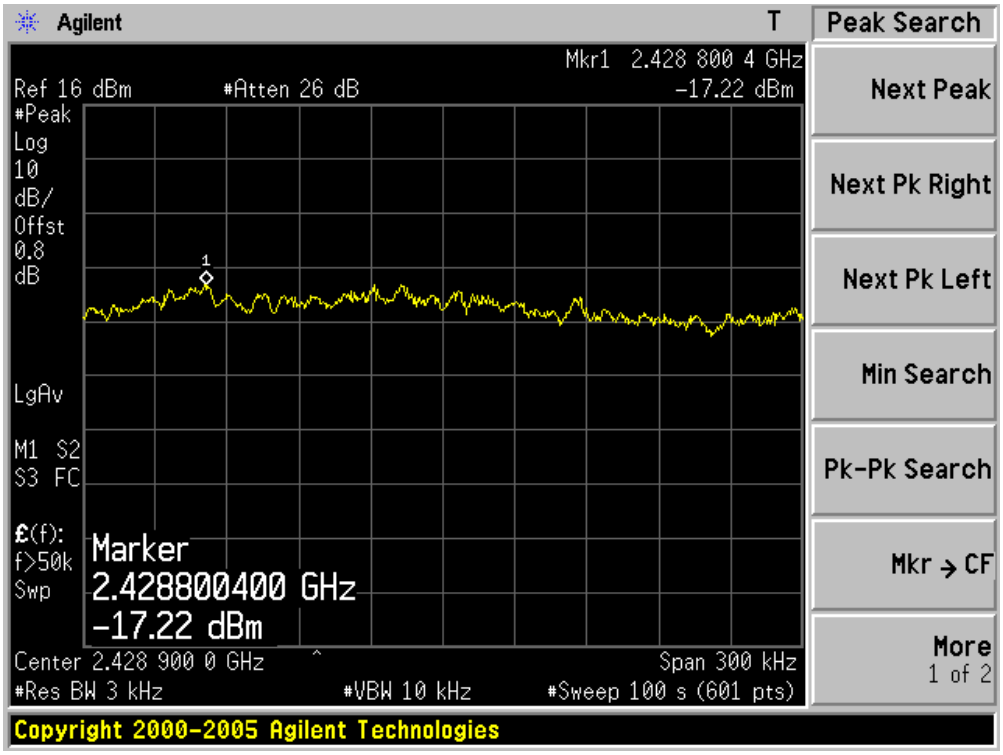
Channel 165 (5825MHz)



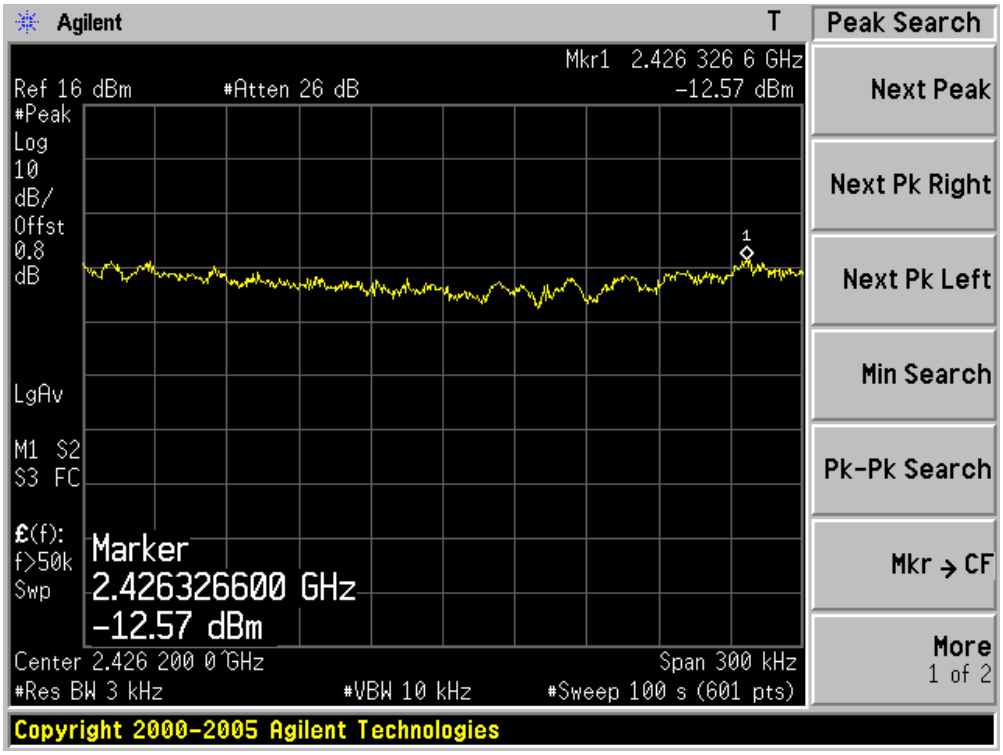
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
03	2422	N/A	-17.22	-17.22	8	Pass
06	2437	N/A	-12.57	-12.57	8	Pass
09	2452	N/A	-15.86	-15.86	8	Pass
151	5755	N/A	-12.32	-12.32	8	Pass
159	5795	N/A	-10.84	-10.84	8	Pass

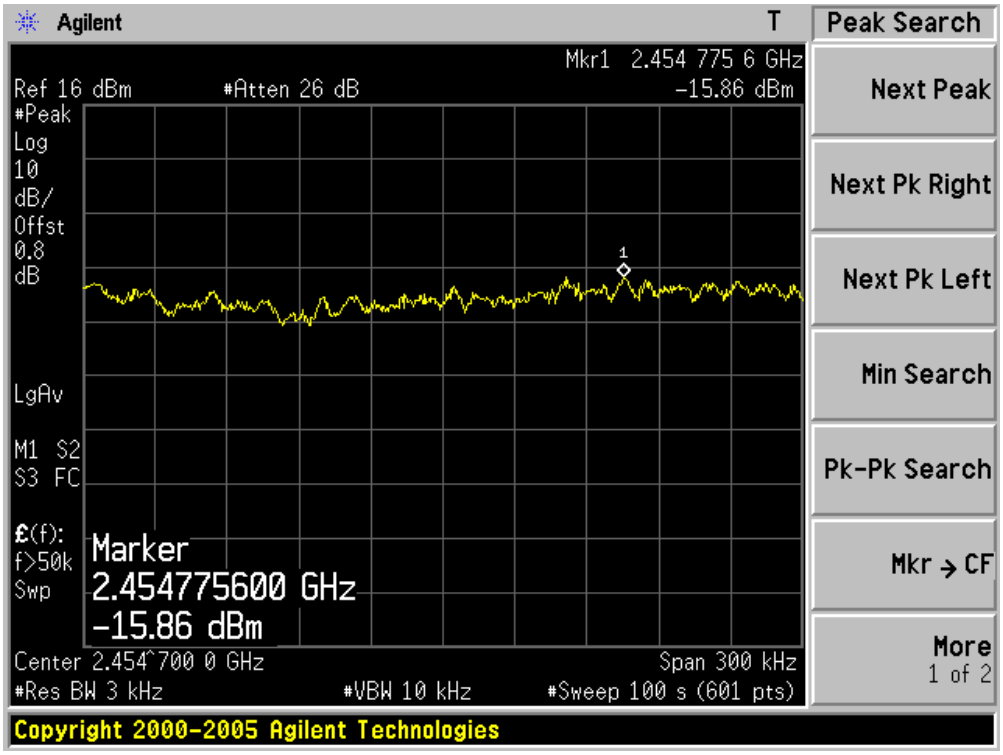
Channel 03 (2422MHz)



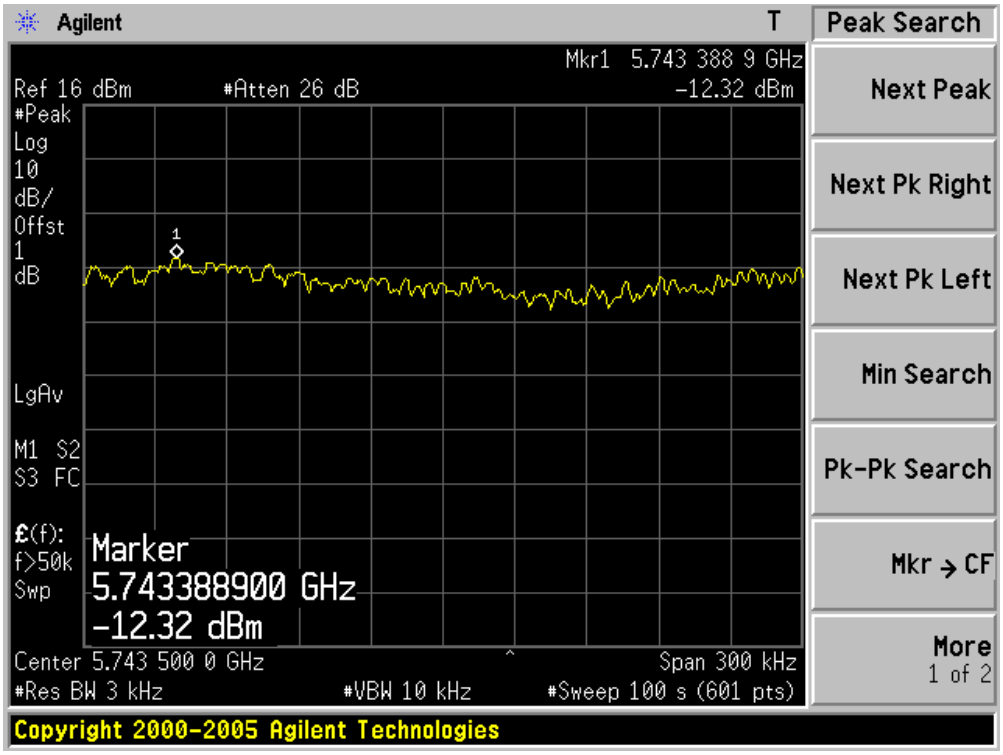
Channel 06 (2437MHz)



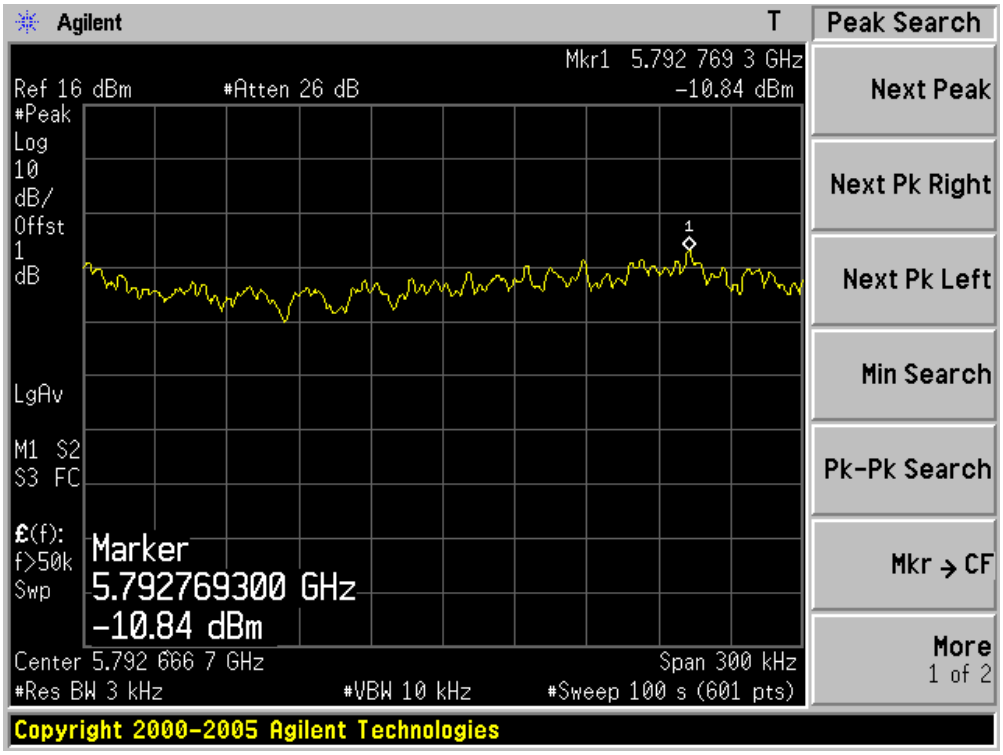
Channel 09 (2452MHz)



Channel 151 (5755MHz)



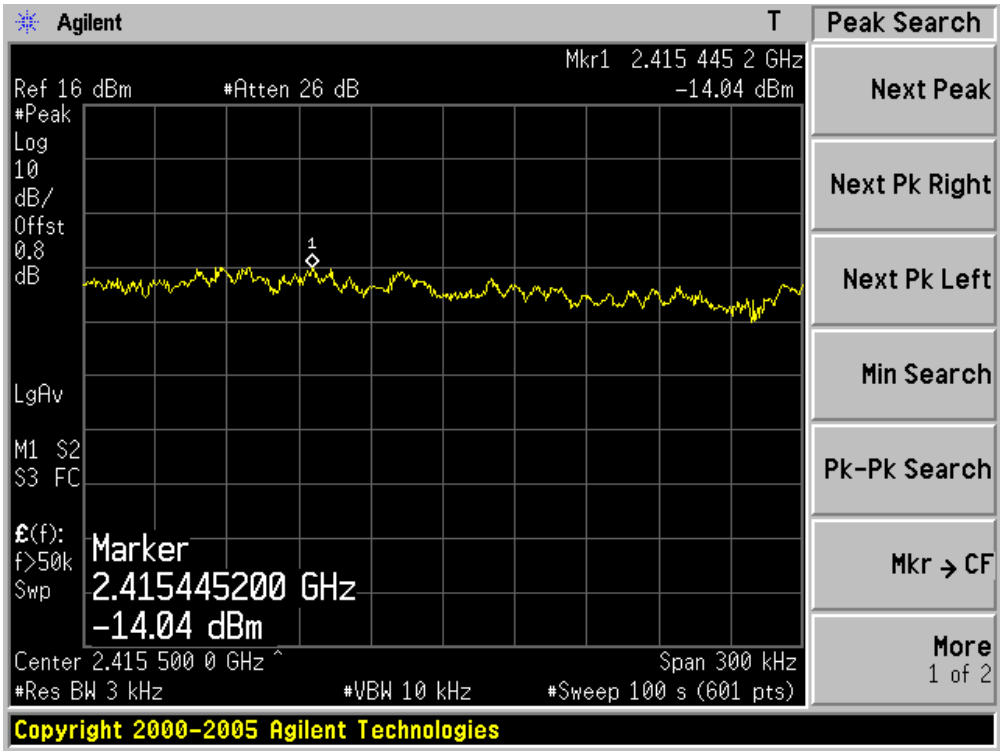
Channel 159 (5795MHz)



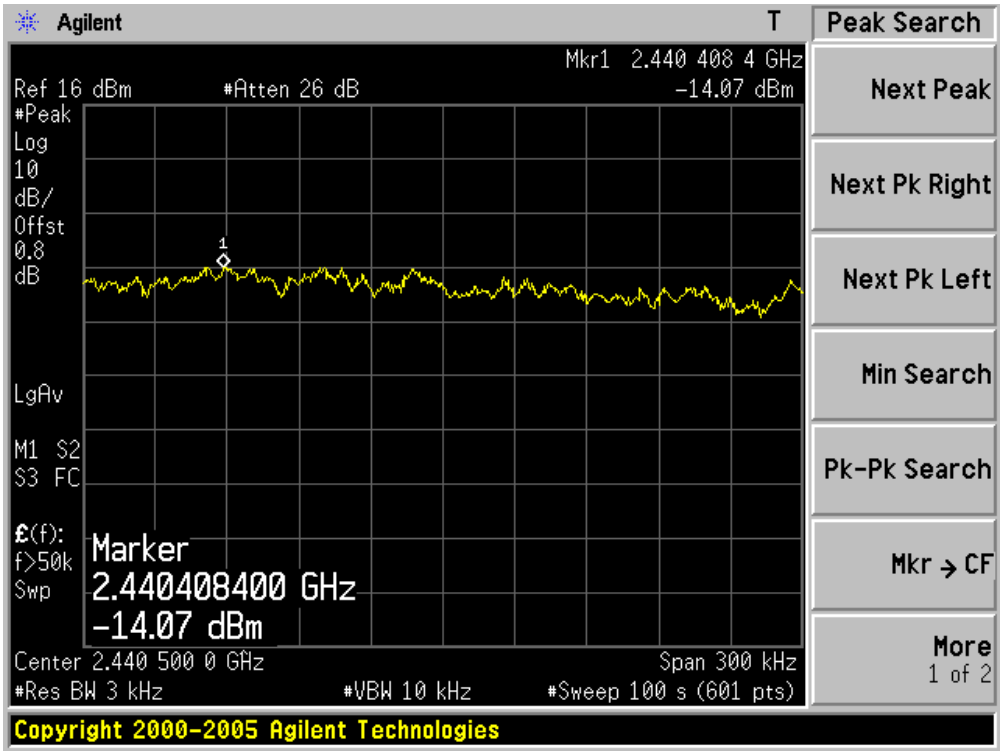
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain A+B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
01	2412	-14.04	-14.43	-11.22	8	Pass
06	2437	-14.07	-14.94	-11.47	8	Pass
11	2462	-13.70	-14.95	-11.27	8	Pass
149	5745	-14.76	-16.43	-12.50	8	Pass
157	5785	-16.86	-16.39	-13.61	8	Pass
165	5825	-17.07	-16.22	-13.61	8	Pass

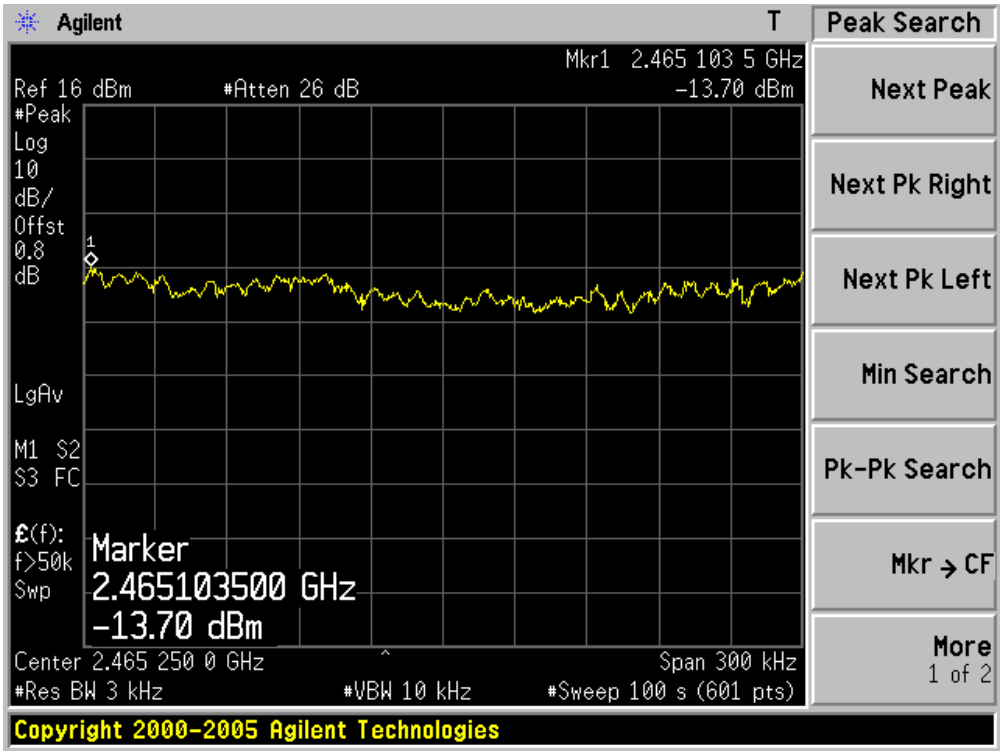
Channel 01 (2412MHz) – Chain A



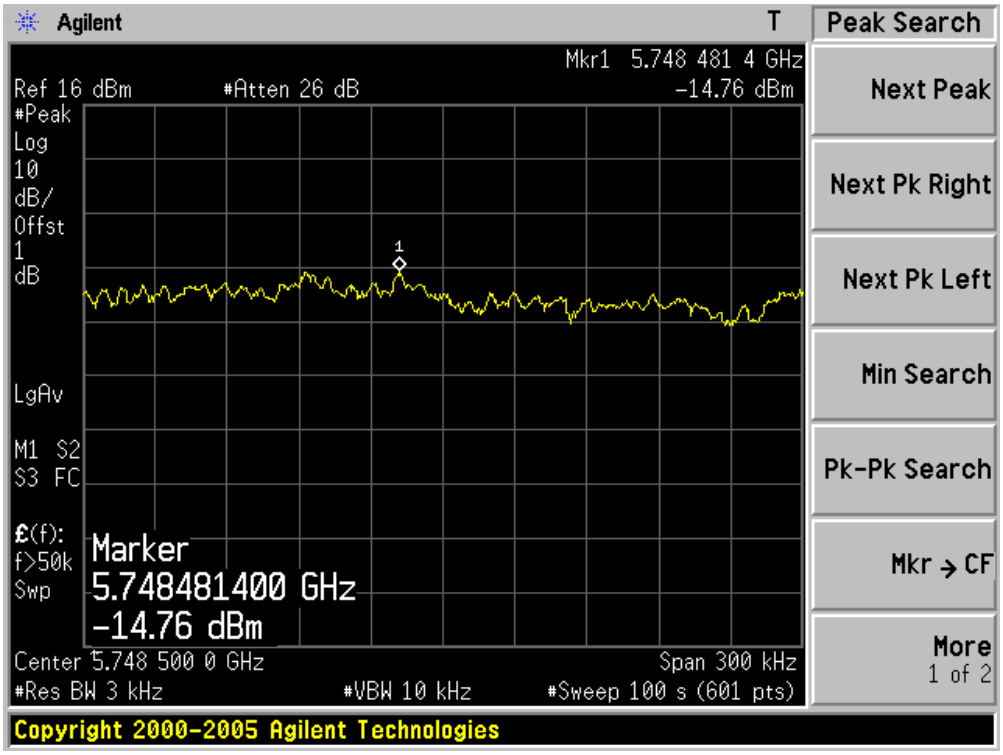
Channel 06 (2437MHz) – Chain A



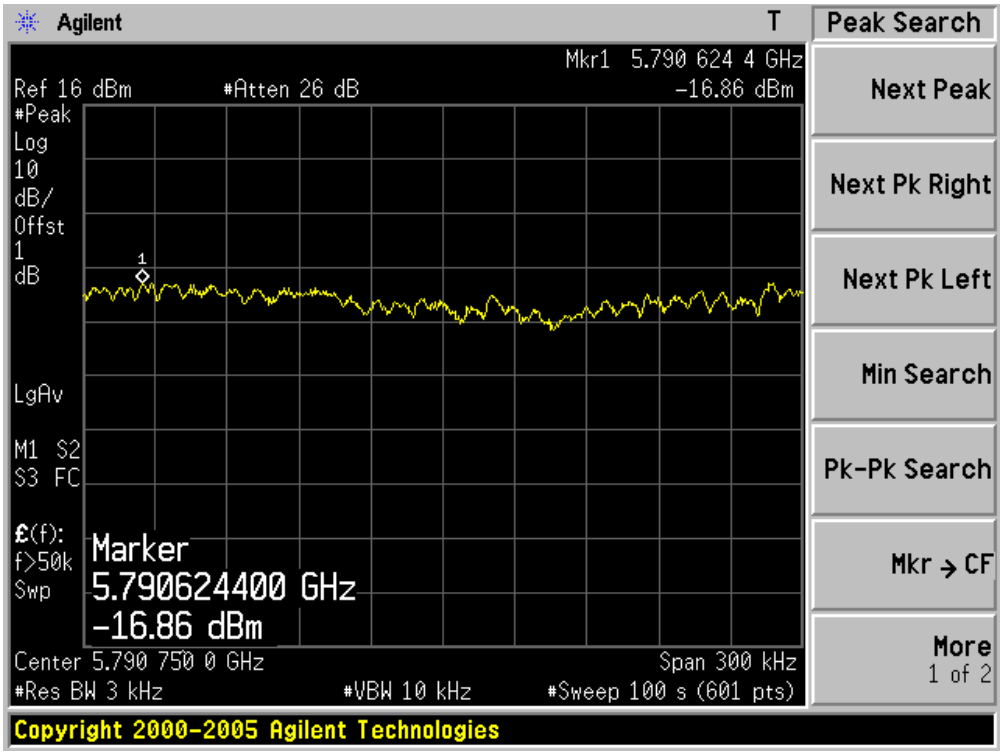
Channel 11 (2462MHz) – Chain A



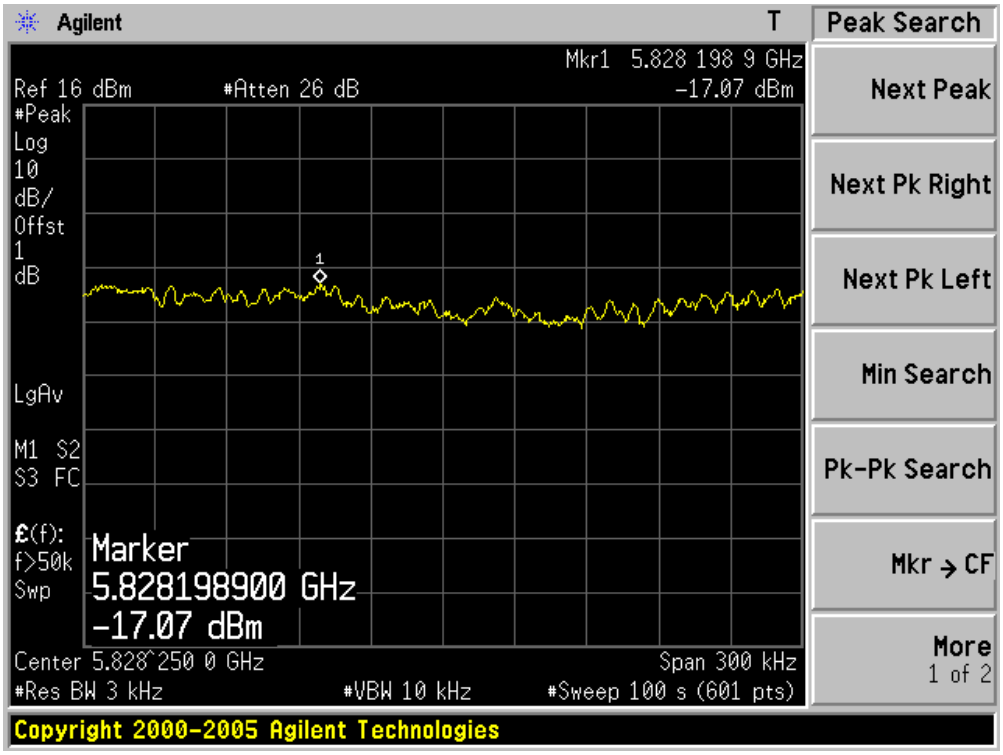
Channel 149 (5745MHz) – Chain A



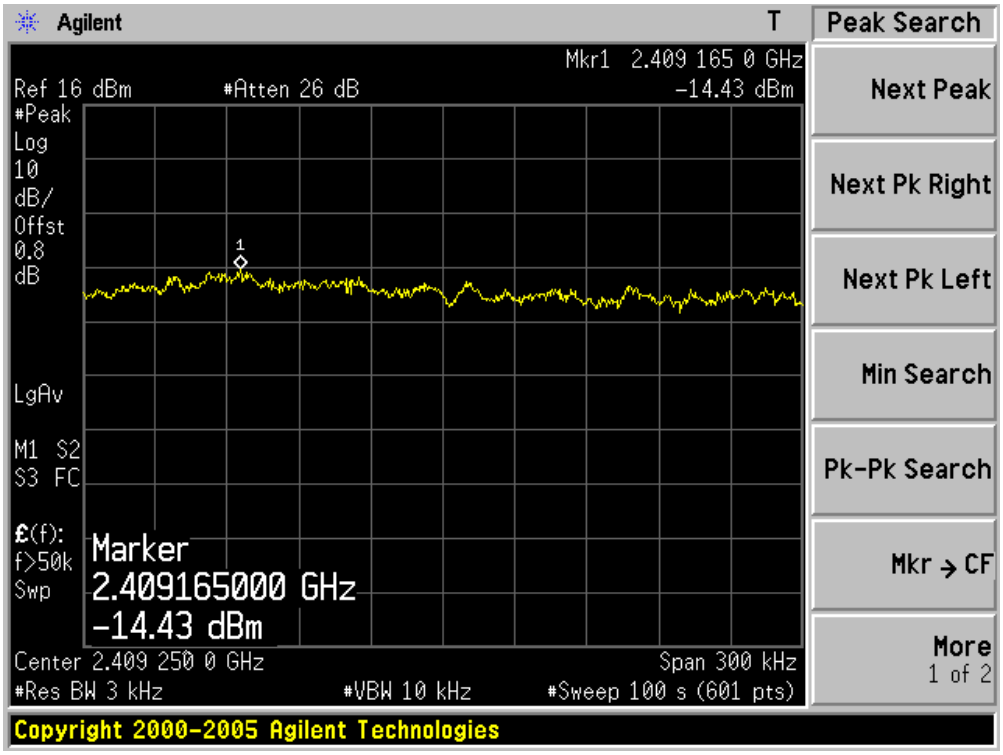
Channel 157 (5785MHz) – Chain A



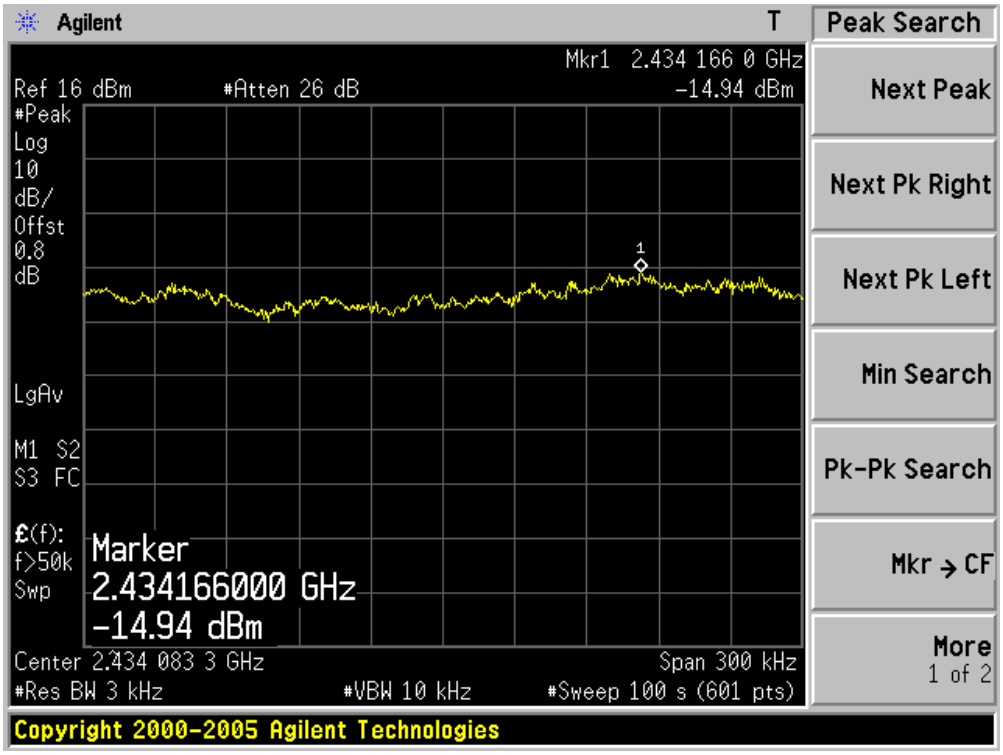
Channel 165 (5825MHz) – Chain A



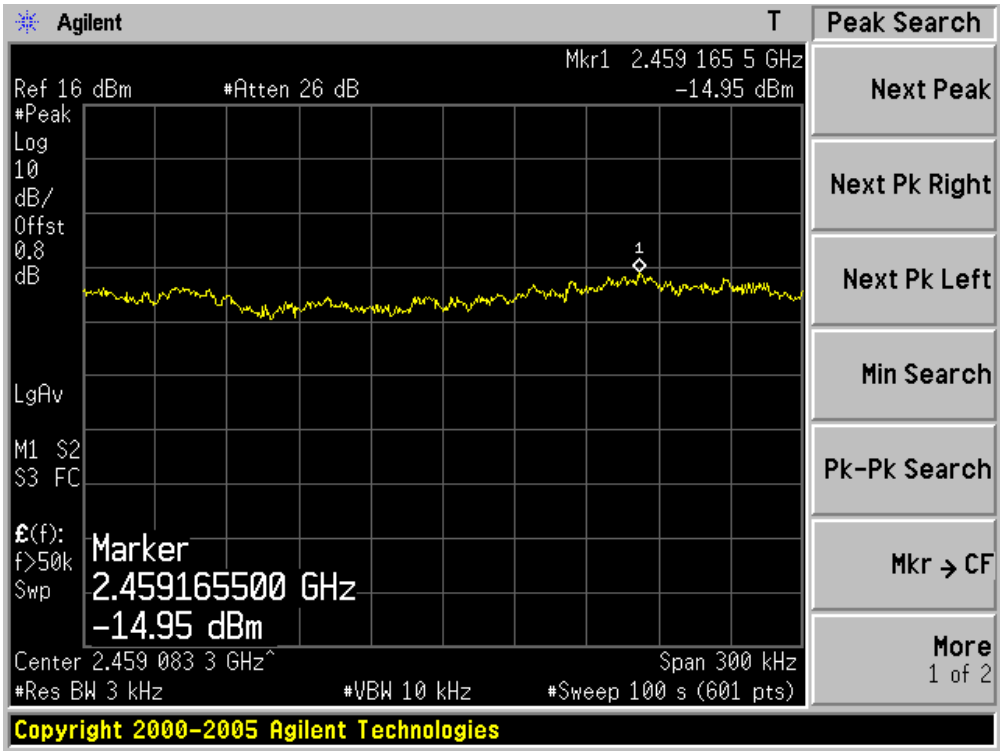
Channel 01 (2412MHz) – Chain B



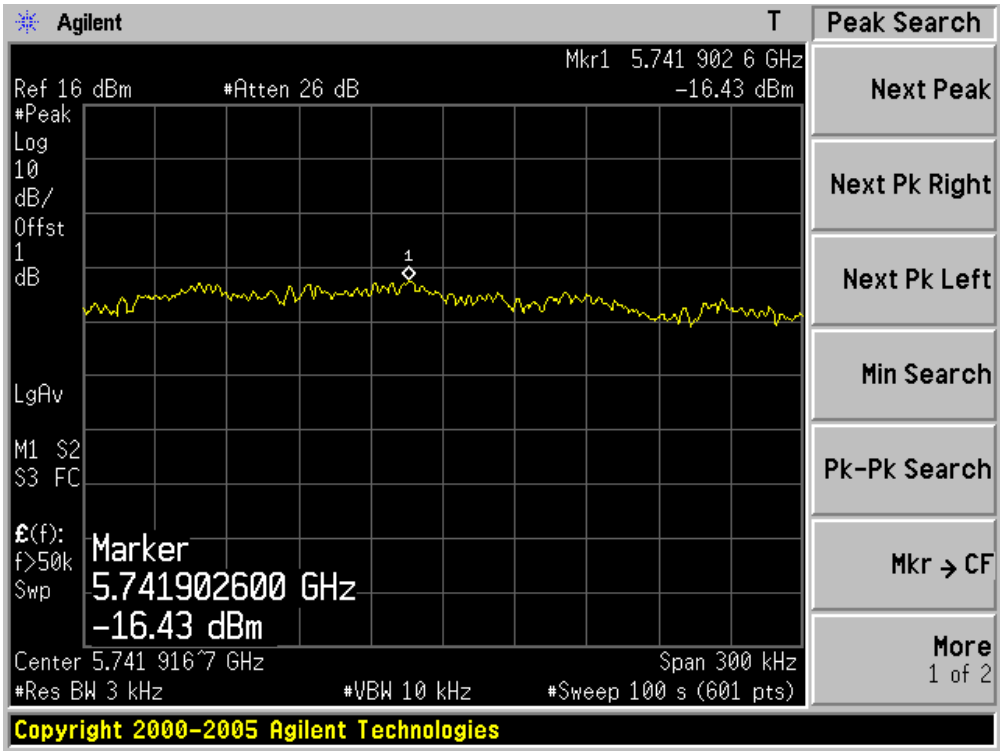
Channel 06 (2437MHz) – Chain B



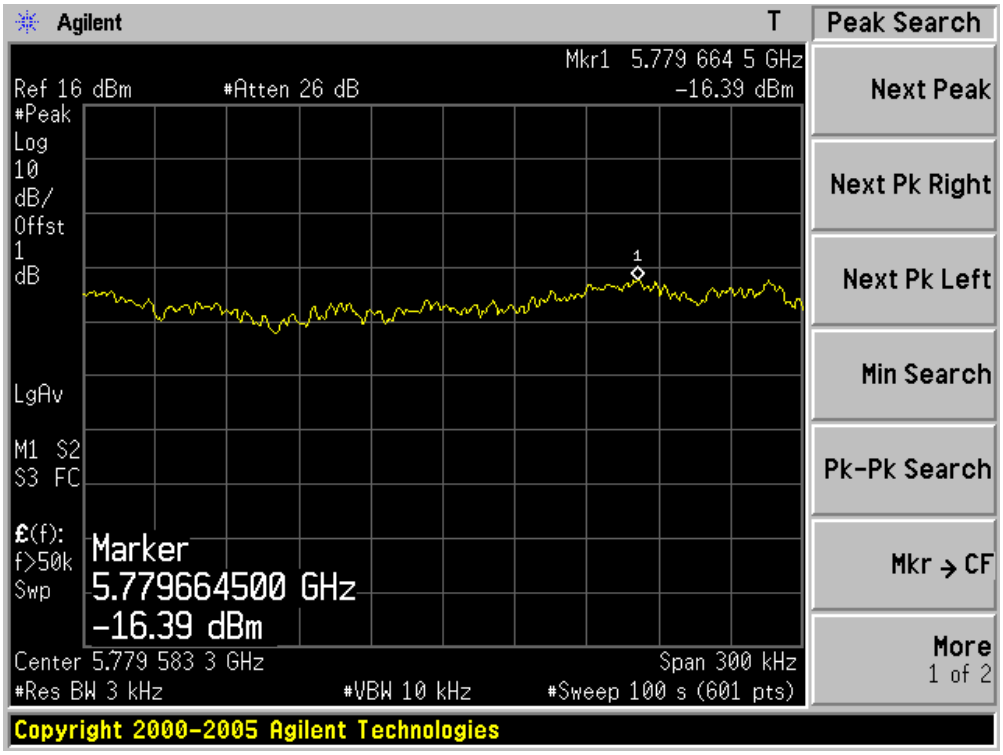
Channel 11 (2462MHz) – Chain B



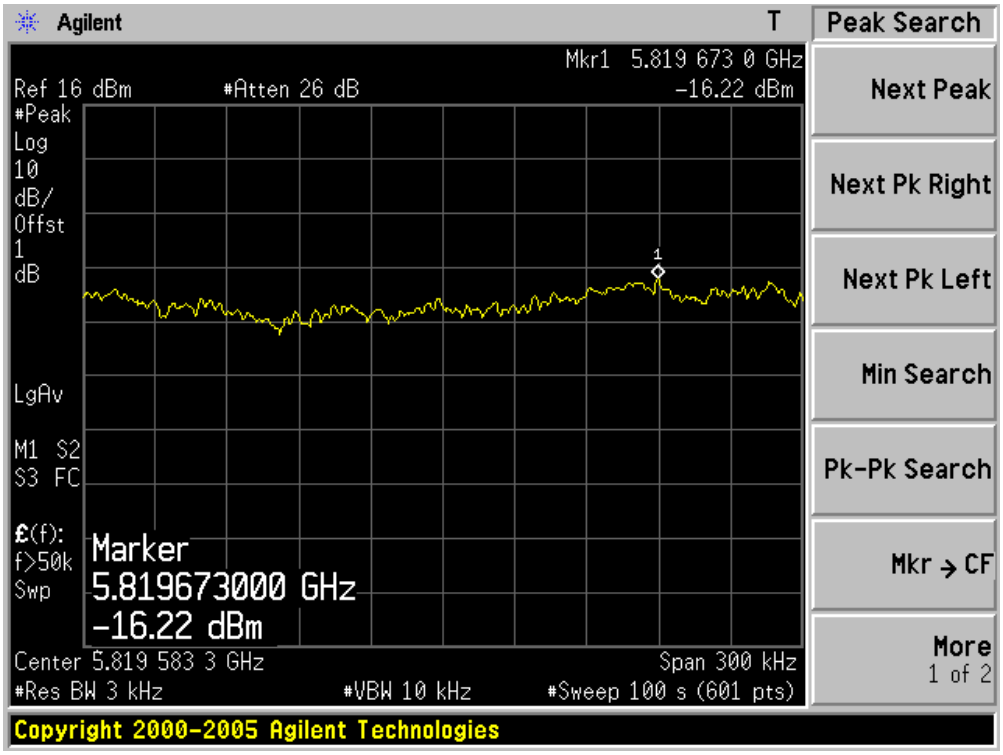
Channel 149 (5745MHz) – Chain B



Channel 157 (5785MHz) – Chain B



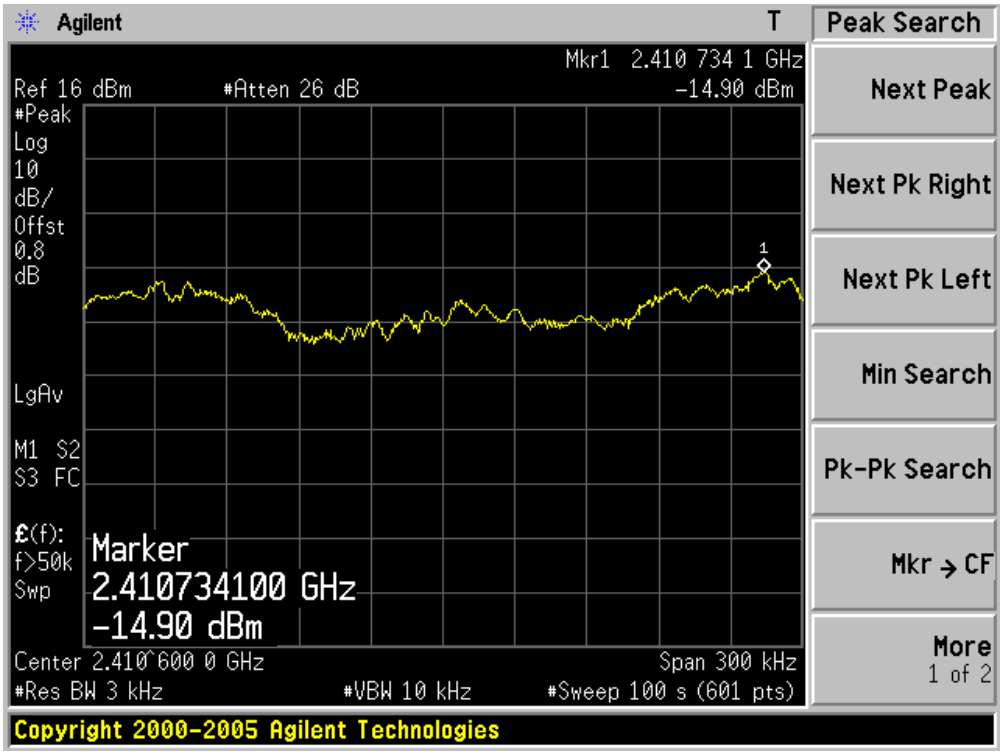
Channel 165 (5825MHz) – Chain B



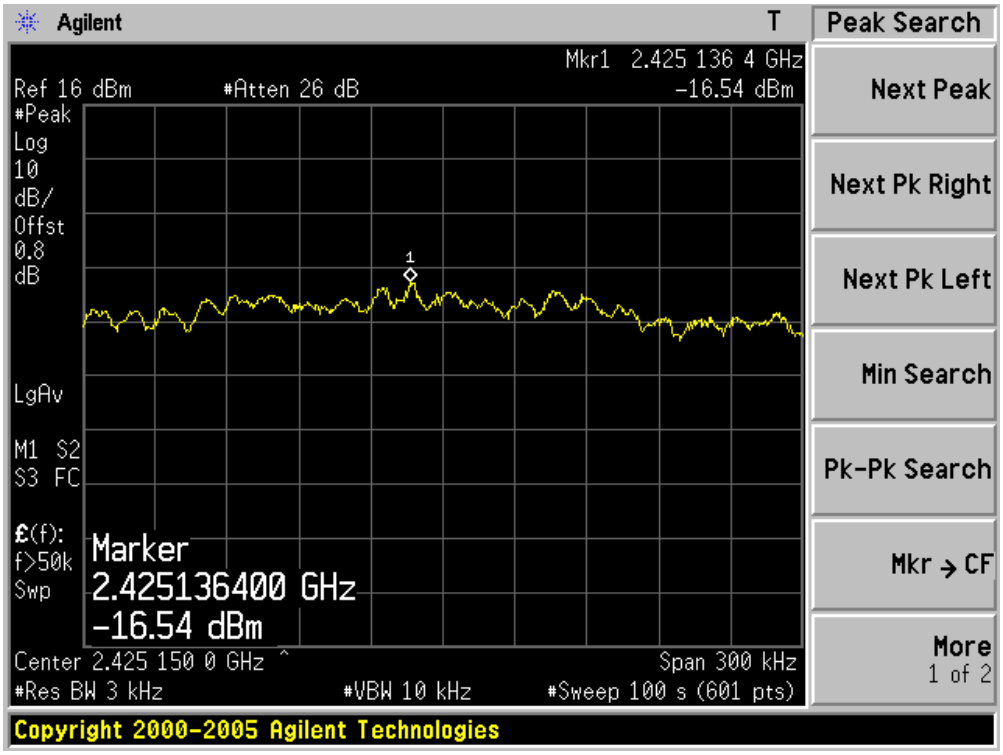
Product	:	Eee PC
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A+B)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
03	2422	-14.90	-16.41	-12.58	8	Pass
06	2437	-16.54	-16.60	-13.56	8	Pass
09	2452	-17.19	-17.09	-14.13	8	Pass
151	5755	-18.05	-17.62	-14.82	8	Pass
159	5795	-18.33	-17.87	-15.08	8	Pass

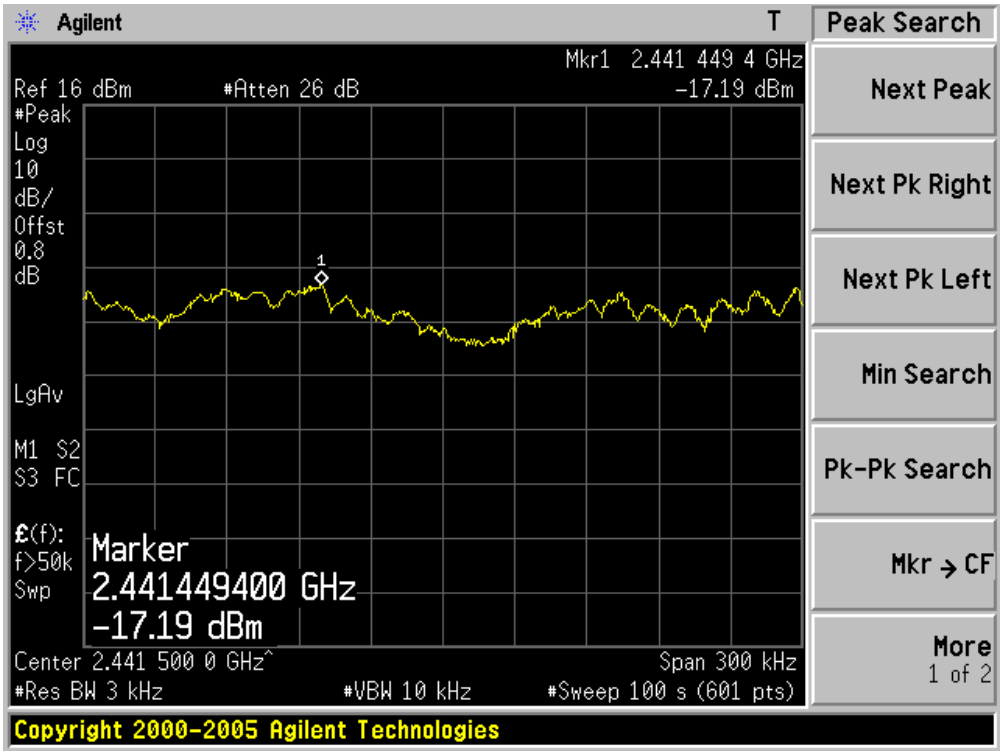
Channel 03 (2422MHz) – Chain A



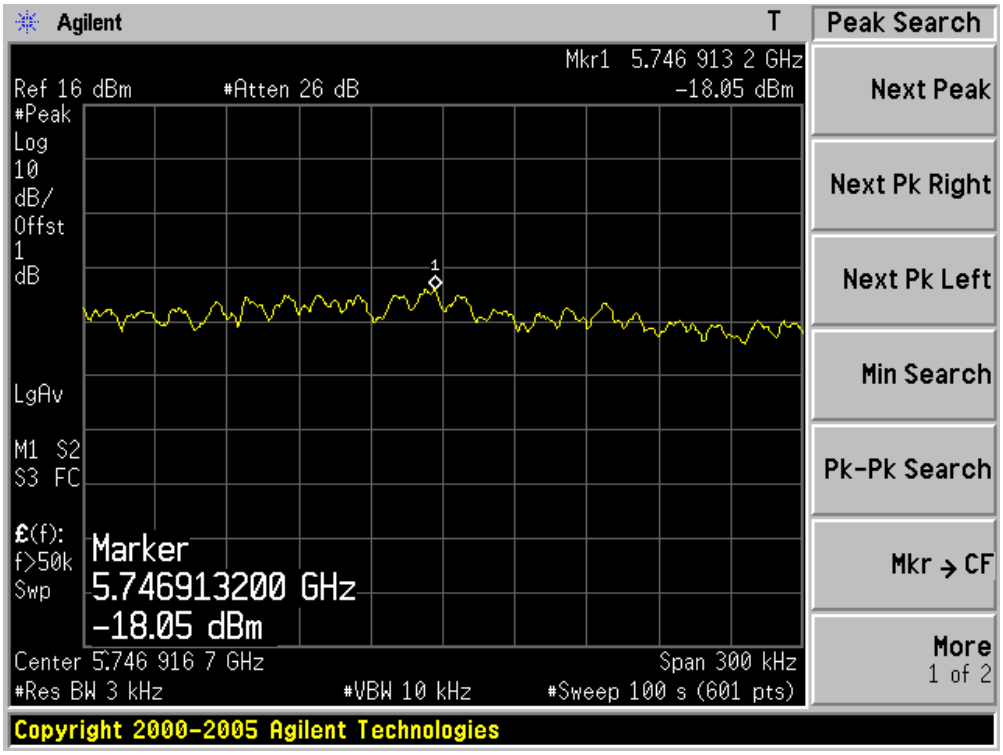
Channel 06 (2437MHz) – Chain A



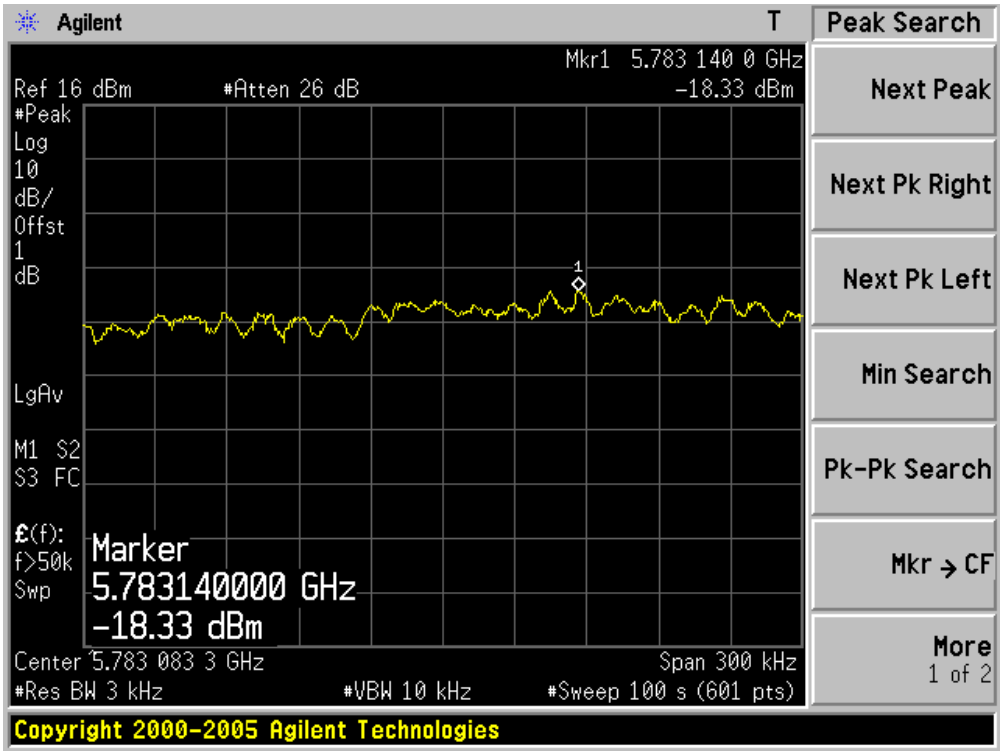
Channel 09 (2452MHz) – Chain A



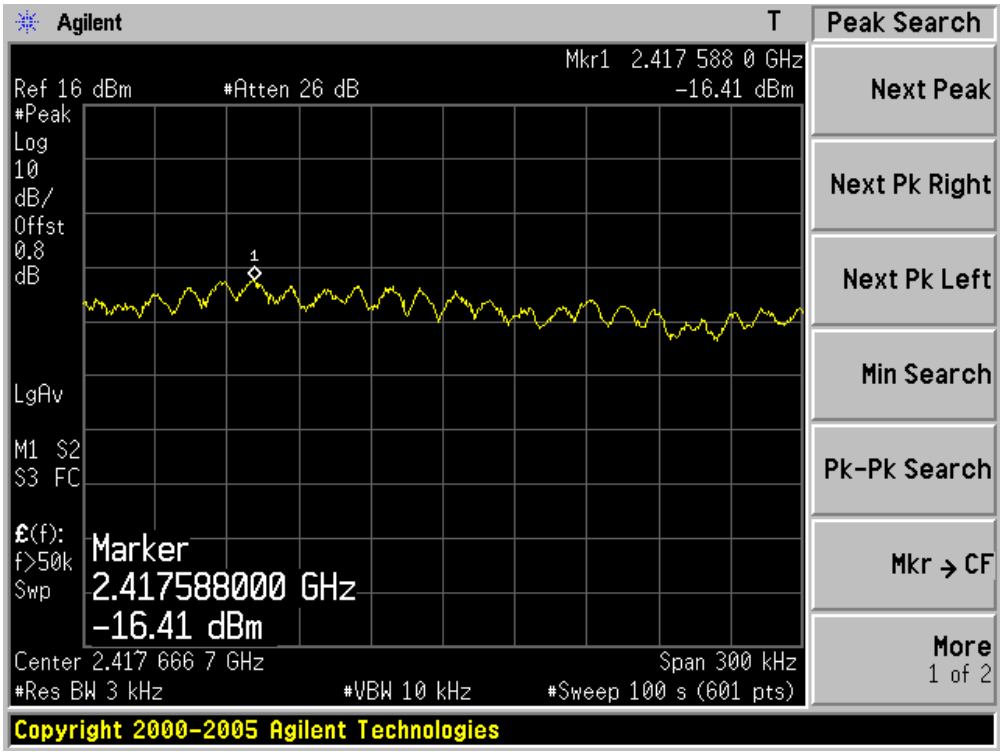
Channel 151 (5755MHz) – Chain A



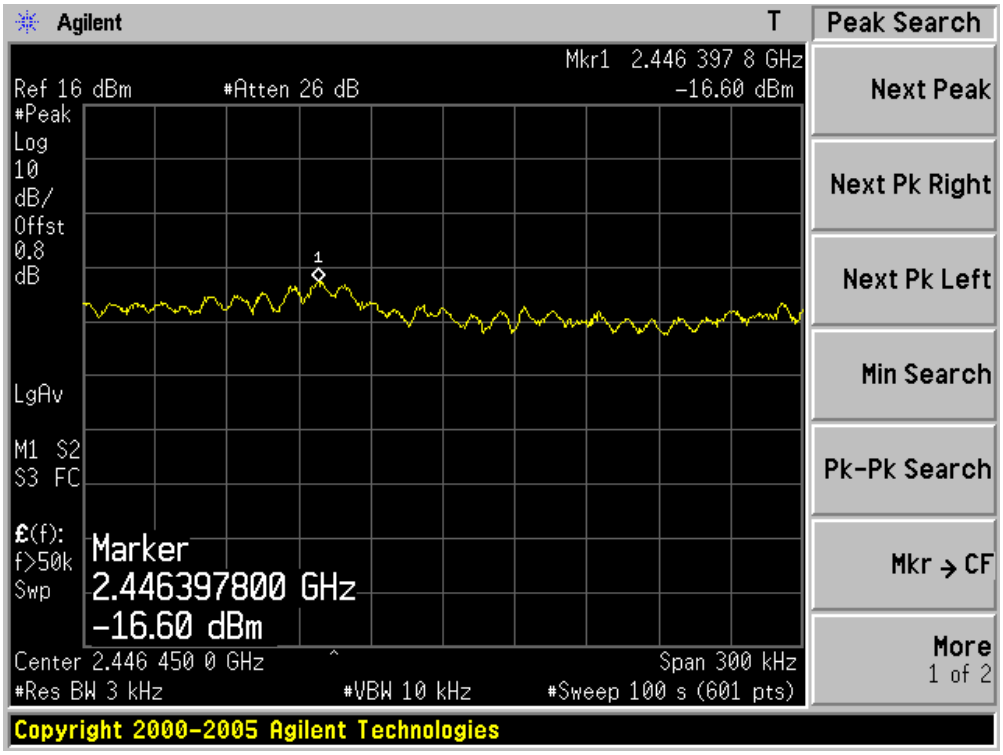
Channel 159 (5795MHz) – Chain A



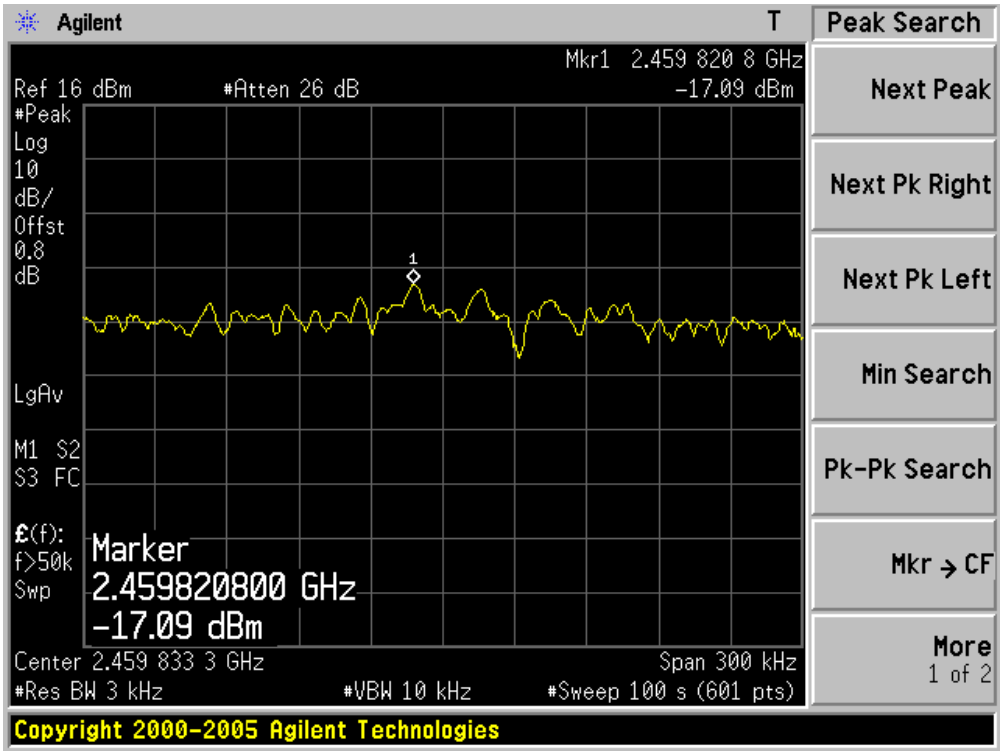
Channel 03 (2422MHz) – Chain B



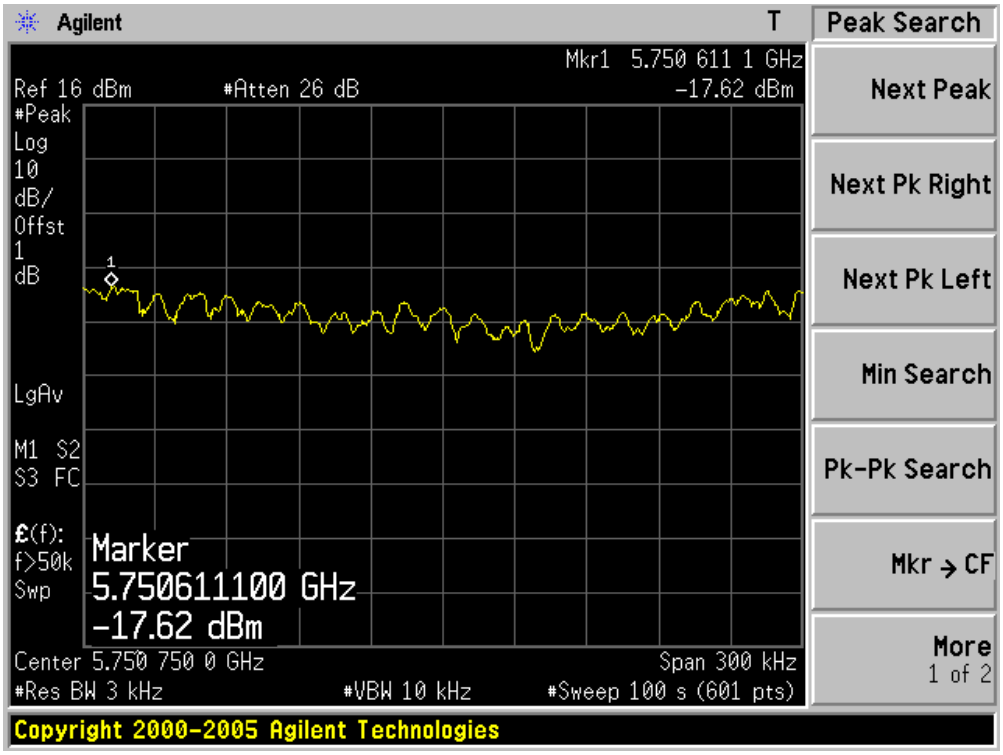
Channel 06 (2437MHz) – Chain B



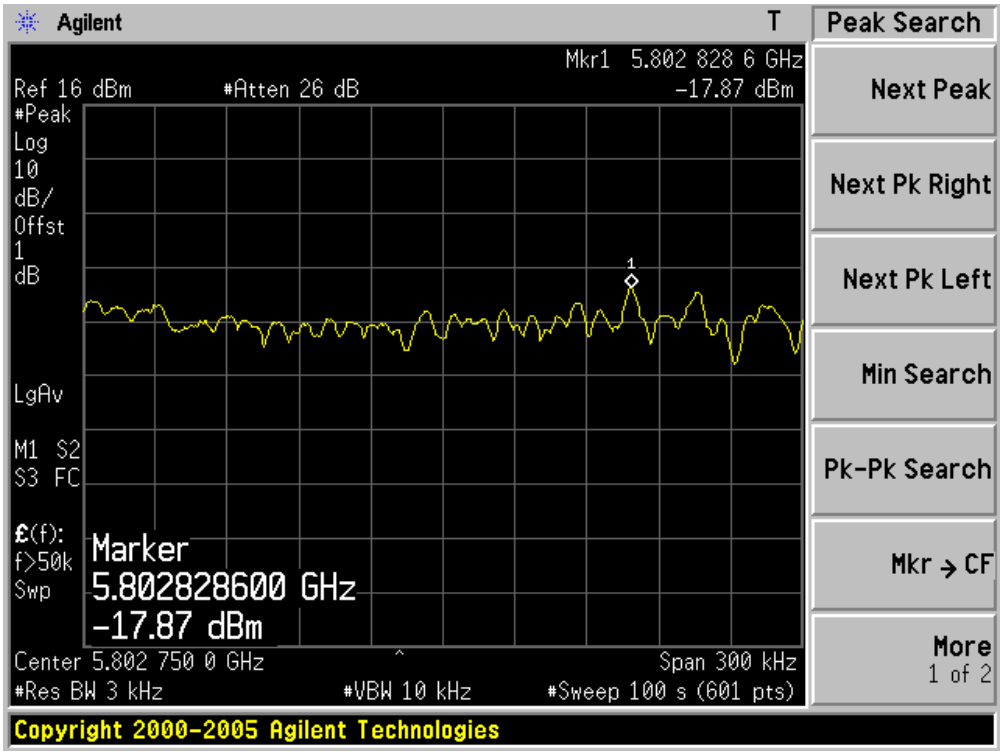
Channel 09 (2452MHz) – Chain B



Channel 151 (5755MHz) – Chain B



Channel 159 (5795MHz) – Chain B



11. Appendix 1 – RF Test Software Parameters Setting (CRTU)

Chain A

Model	Channel	Frequency (MHz)	Chain	Register setting
802.11b	1	2412	A	26
	6	2437		26
	11	2462		26.5
802.11g	1	2412	A	30.5
	6	2437		31.5
	11	2462		30.5
802.11n(20)	1	2412	A	29
	6	2437		31.5
	11	2462		30
802.11n(40)	3	2422	A	26.5
	6	2437		31.5
	9	2452		26
802.11a	149	5745	A	27
	157	5785		27
	165	5825		28
802.11n(20)	149	5745	A	27.5
	157	5785		26.5
	165	5825		27.5
802.11n(40)	151	5755	A	27.5
	159	5795		28.5

Chain B

Model	Channel	Frequency (MHz)	Chain	Register setting
802.11b	1	2412	B	27
	6	2437		27.5
	11	2462		27.5
802.11g	1	2412	B	32
	6	2437		32
	11	2462		32
802.11n(20)	1	2412	B	32
	6	2437		32.5
	11	2462		32.5
802.11n(40)	3	2422	B	28
	6	2437		32.5
	9	2452		29
802.11a	149	5745	B	29
	157	5785		30
	165	5825		30.5
802.11n(20)	149	5745	B	29
	157	5785		30
	165	5825		30.5
802.11n(40)	151	5755	B	30.5
	159	5795		31.5

Chain A+B

Model	Ch.	Freq. (MHz)	Register setting Chain A	Register setting Chain B
802.11n(20)	1	2412	28.0	29.0
	6	2437	29.0	29.0
	11	2462	29.0	29.0
802.11n(40)	3	2422	28.0	29.0
	6	2437	28.5	29.5
	9	2452	28.5	29.5
802.11n(20)	149	5745	25.0	27.5
	157	5785	26.0	28.5
	165	5825	26.5	29.0
802.11n(40)	151	5755	26.5	29.0
	159	5795	26.5	29.5