Test Report

Product Name : Notebook P.C.

Model No. : F9S,F9D,F9E

FCC ID : MSQF94965AGN

Applicant : ASUSTeK COMPUTER INC.

Address : 4FL., No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.

Date of Receipt : Apr. 02, 2007

Issued Date : May. 08, 2007

Report No. : 074L043-RFUSP05V01

Test Report Certification

Issued Date: May. 08, 2007
Report No.: 074L043-RFUSP05V01

Product Name	: Notebook P.C.
Applicant	: ASUSTeK COMPUTER INC.
Address	: 4FL., No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.
Manufacturer	: ASUSTeK COMPUTER INC.
Model No.	: F9S,F9D,F9E
FCC ID.	: MSQF94965AGN
Rated Voltage	: AC 120V/60Hz
Working Voltage	: AC 120V/60Hz
Trade Name	: ASUS
Applicable Standard	: FCC CFR Title 47 Part 15 Subpart C: 2006 ANSI C63.4: 2003
Test Result	: Complied

NVLAP Lab Code: 200533-0

Test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.
This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Documented By : Leven Huang
(Engineering Adm. Assistant/ Leven Huang)

Tested By : Dino Chen
(Assistant Engineer/Dino Chen)

Approved By : Gene Chang
(President/Gene Chang)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	:	Notebook P.C.
Trade Name	:	ASUS
Model No.	:	F9S,F9D,F9E
FCC ID	:	MSQF94965AGN
Frequency Range	:	2412MHz - 2462MHz, 5180-5240MHz, 5745-5825MHz
Number of Channels	:	11 in 2.4GHz band, 9 in 5GHz band, 3 in 5GHz band (802.11n)
Channel Separation	:	802.11b/g/n-5/20 MHz, 802.11a-20MHz, 802.11n-40MHz
Channel Control	:	Auto
Data Rate	:	802.11b – 1, 2, 5.5, 11Mbps 802.11a/g – 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11a/g/n (20MHz) – 13,26,39,52,78,104,117,130,144Mbps 802.11a/n (40MHz) – 27,54,81,108,162,216,243,270,300Mbps
Type of Modulation	:	DSSS/ OFDM
Antenna Type	:	PCB
Antenna Gain	:	Refer to the table “Antenna List”
Power Adapter	:	MFR: LITE ON, M/N: PA-1900-04 Input: AC 100-240V, 50-60Hz, 1.5A Output: DC 19V, 4.74A Cable out: Non-shielded, 2m,with one ferrite core bonded. Power Cord: Shielded, 1.8m

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ACON	APP6P-700043/CM2P76-0245600 (Main) APP6P-700044/CM2P76-0245601(Aux) APP6P-700045/CM2P76-0245602(MIMO)	PCB	0.52dBi for 2.4 GHz 0.53 dBi for 5.0 GHz
2	Tyco	1909802(Main) 1909805 (Aux) 1909888 (MIMO)	PCB	0.44 dBi for 2.4 GHz 3.64 dBi for 5.0 GHz

Frequency of Each Channel (2.4GHz):

Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 1:	2412 MHz	Channel 5:	2432 MHz	Channel 9:	2452 MHz
Channel 2:	2417 MHz	Channel 6:	2437 MHz	Channel 10:	2457 MHz
Channel 3:	2422 MHz	Channel 7:	2442 MHz	Channel 11:	2462 MHz
Channel 4:	2427 MHz	Channel 8:	2447 MHz		

Frequency of Each Channel (5GHz):

Channel	Frequency	Channel	Frequency
Channel 1:	5745 MHz	Channel 5:	5825 MHz
Channel 2:	5765 MHz		
Channel 3:	5785 MHz		
Channel 4:	5805 MHz		

802.11n- 40MHz Center Working Frequency of Each Channel:

Channel	Frequency
Channel 1:	5755 MHz
Channel 2:	5795 MHz

Note:

1. This device is a Notebook P.C. with a built-in 2.4GHz and 5GHz transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report. (802.11b is 1Mbps, 802.11g and 802.11a are 6Mbps, 802.11n 20MHz are 13Mbps, 802.11n 40MHz are 27Mbps)
4. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.

The serial model numbers of the Notebook P.C are F9S, F9E and F9D.
The following table shows the main differences:

	F9S	F9E	F9D
CPU	Intel 2.2GHz	Intel 2.2GHz	AMD
North Birdge	Intel 965PM	Intel 965GM	nVidia MCP67MD
Sourth Birdge	Intel ICH-8M	Intel ICH-8M	
Graphic	nVidia NB8M-SE	Intel 965GM	nVidia NB8M-SE
Display Output	D-sub,HDMI	D-sub,HDMI	D-sub,HDMI

1.2. Operational Description

EUT is a Notebook P.C. with a built-in 2.4GHz and 5GHz transceiver. There are 11 channels in 2412 – 2462MHz and 5 channels in 5745 – 5825MHz, and 3 channel of 802.11n.

The channels are separated by 5MHz in 2.4GHz band and 20MHz in 5GHz band.

This Notebook P.C. supports the data rates of 1, 2, 5.5, 11Mbps in 802.11b mode(TX Ch.A and TX Ch. B) , 6, 9, 12, 18, 24, 36, 48, 54Mbps in 802.11a/g mode(TX Ch.A and TX Ch. B), 13, 26, 39, 52, 78, 104, 117, 130, 144 Mbps in 2.4 & 5.0 GHz frequency bands is under 20MHz bandwidth (TX Ch.A and TX Ch. B and TX Ch.A + Ch. B) and 27, 54, 81, 108, 162, 216, 243, 270, 300 Mbps in 5.0 GHz frequency bands is under 40MHz bandwidth (TX Ch.A and TX Ch. B and TX Ch.A + Ch. B)

The signals are modulated by DSSS in 802.11b mode and OFDM in 802.11a/g/n mode. The antennas are Connector and use diversity to improve the receiving sensitivity.

So far the Notebook P.C.would be on the market with two kinds of Antenna, for Antenna A is Tyco and Antenna B is Acon.Within 2.4GHz frequency band, Antenna in Tyco gets the higher gain value than Antenna in Acon. On the contrary, within 5GHz frequency band antenna in Acon gets the higher gain Value then antenna in Tyco. In the report we will pick the higher gain value in each frequency band for test.

This Notebook P.C., complied with IEEE 802.11b, IEEE 802.11g/n, and IEEE 802.11a/n, is a high-efficiency Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without network wires. Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any IEEE 802.11b, IEEE 802.11g/n, and IEEE 802.11a/n network.

Following are the test modes corresponding to the transmit antenna:

Mode1: TX Ch.A and TX Ch. B for Antenna B

Mode2: TX Ch.A and TX Ch. B for Antenna A

Mode3: TX Ch.A and TX Ch. B for Antenna A

Mode4: TX Ch.A and TX Ch. B and TX Ch.A+Ch.B

2.4GHz band for Antenna A, 5GHz band for Antenna B

Mode5: TX Ch.A and TX Ch. B and TX Ch.A+Ch.B

Test Mode	Mode 1: Transmitter 802.11a
	Mode 2: Transmitter 802.11b
	Mode 3: Transmitter 802.11g
	Mode 4: Transmitter 802.11n(20M)
	Mode 5: Transmitter 802.11n(40M)

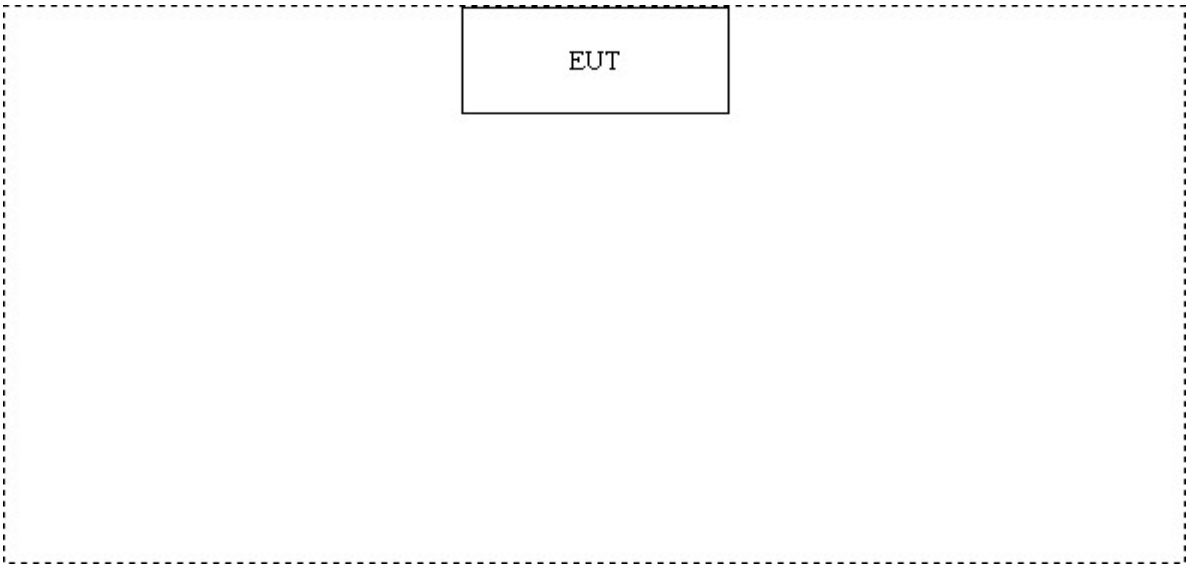
1.3. Tested System Datails

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

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
N/A					

Signal Cable Type	Signal cable Description
N/A	

1.4. Configuration of tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown in Section 1.4
(2) Execute CRTU.exe on the notebook.
(3) Configure the test mode, the test channel, and the data rate.
(4) Press “OK” to start the continuous transmission.
(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

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

Site Description: File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2

Accreditation on NVLAP
NVLAP Lab Code: 200533-0

Site Name: Quietek Corporation
Site Address: No. 5-22, Ruei-Shu Valley, Ruei-Ping Tsuen,
Lin-Kou Shiang, Taipei,
Taiwan, R.O.C.
TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : service@quietek.com

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FCC Accreditation Number: TW1014

2. Conducted Emission

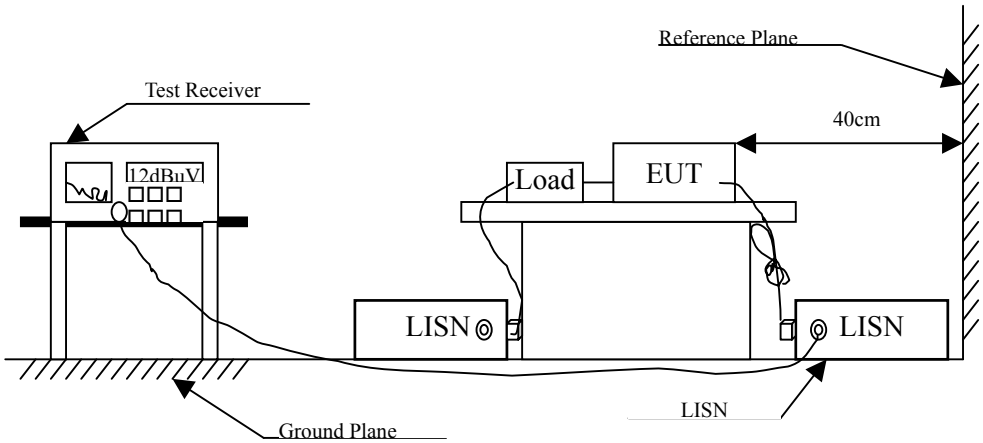
2.1. Test Equipment

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

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/17	May, 2007	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 2007	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2007	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	May, 2007	
5	No.1 Shielded Room			N/A	

Note: All equipments are calibrated every one year.

2.2. Test Setup



2.3. Limits

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

2.4. Test Procedure

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

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B)(ch. A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.224	0.202	34.910	35.112	-28.774	63.886
0.584	0.217	40.980	41.197	-14.803	56.000
0.923	0.232	34.270	34.502	-21.498	56.000
1.560	0.260	33.090	33.350	-22.650	56.000
3.111	0.321	32.810	33.131	-22.869	56.000
16.576	0.921	34.510	35.431	-24.569	60.000
Average					
0.224	0.202	21.310	21.512	-32.374	53.886
0.584	0.217	24.850	25.067	-20.933	46.000
0.923	0.232	21.560	21.792	-24.208	46.000
1.560	0.260	20.440	20.700	-25.300	46.000
3.111	0.321	21.270	21.591	-24.409	46.000
16.576	0.921	25.950	26.871	-23.129	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B)(ch. A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.170	0.202	30.300	30.502	-34.927	65.429
0.588	0.218	37.730	37.948	-18.052	56.000
1.123	0.244	30.550	30.794	-25.206	56.000
2.298	0.290	30.420	30.710	-25.290	56.000
7.670	0.462	30.530	30.992	-29.008	60.000
15.224	0.803	28.790	29.593	-30.407	60.000
Average					
0.170	0.202	10.120	10.322	-45.107	55.429
0.588	0.218	20.840	21.058	-24.942	46.000
1.123	0.244	14.240	14.484	-31.516	46.000
2.298	0.290	17.180	17.470	-28.530	46.000
7.670	0.462	22.010	22.472	-27.528	50.000
15.224	0.803	20.220	21.023	-28.977	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.259	0.206	36.420	36.626	-26.260	62.886
0.599	0.218	40.180	40.398	-15.602	56.000
1.373	0.248	32.160	32.408	-23.592	56.000
2.060	0.277	35.680	35.957	-20.043	56.000
9.666	0.619	33.170	33.789	-26.211	60.000
18.615	0.948	32.080	33.028	-26.972	60.000
Average					
0.259	0.206	19.900	20.106	-32.780	52.886
0.599	0.218	23.250	23.468	-22.532	46.000
1.373	0.248	17.520	17.768	-28.232	46.000
2.060	0.277	22.930	23.207	-22.793	46.000
9.666	0.619	24.440	25.059	-24.941	50.000
18.615	0.948	24.140	25.088	-24.912	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.158	0.202	33.340	33.542	-32.229	65.771
0.252	0.203	33.590	33.793	-29.293	63.086
0.482	0.216	36.250	36.466	-20.048	56.514
1.244	0.246	33.460	33.706	-22.294	56.000
6.279	0.423	33.020	33.443	-26.557	60.000
14.904	0.799	28.510	29.309	-30.691	60.000
Average					
0.158	0.202	12.360	12.562	-43.209	55.771
0.252	0.203	21.300	21.503	-31.583	53.086
0.482	0.216	18.890	19.106	-27.408	46.514
1.244	0.246	19.760	20.006	-25.994	46.000
6.279	0.423	23.540	23.963	-26.037	50.000
14.904	0.799	19.680	20.479	-29.521	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A)(Ch. A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.263	0.208	36.780	36.988	-25.783	62.771
0.611	0.218	38.030	38.248	-17.752	56.000
2.334	0.291	34.250	34.541	-21.459	56.000
4.470	0.379	31.240	31.619	-24.381	56.000
9.740	0.620	32.600	33.220	-26.780	60.000
16.142	0.915	34.300	35.215	-24.785	60.000
Average					
0.263	0.208	23.070	23.278	-29.493	52.771
0.611	0.218	17.750	17.968	-28.032	46.000
2.334	0.291	21.620	21.911	-24.089	46.000
4.470	0.379	20.710	21.089	-24.911	46.000
9.740	0.620	24.320	24.940	-25.060	50.000
16.142	0.915	25.540	26.455	-23.545	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A)(Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.255	0.203	34.640	34.843	-28.157	63.000
0.623	0.218	36.920	37.138	-18.862	56.000
1.212	0.246	32.130	32.376	-23.624	56.000
2.224	0.279	28.970	29.250	-26.750	56.000
6.123	0.421	33.350	33.771	-26.229	60.000
16.384	0.788	27.890	28.678	-31.322	60.000
Average					
0.255	0.203	24.650	24.853	-28.147	53.000
0.623	0.218	16.810	17.028	-28.972	46.000
1.212	0.246	15.710	15.956	-30.044	46.000
2.224	0.279	15.650	15.930	-30.070	46.000
6.123	0.421	23.840	24.261	-25.739	50.000
16.384	0.788	19.260	20.048	-29.952	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.474	0.216	38.640	38.856	-17.887	56.743
0.955	0.232	34.290	34.522	-21.478	56.000
2.033	0.277	33.870	34.147	-21.853	56.000
4.017	0.353	31.540	31.893	-24.107	56.000
10.189	0.646	33.350	33.996	-26.004	60.000
16.912	0.925	33.350	34.275	-25.725	60.000
Average					
0.474	0.216	21.740	21.956	-24.787	46.743
0.955	0.232	21.430	21.662	-24.338	46.000
2.033	0.277	21.560	21.837	-24.163	46.000
4.017	0.353	20.620	20.973	-25.027	46.000
10.189	0.646	24.690	25.336	-24.664	50.000
16.912	0.925	24.520	25.445	-24.555	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.252	0.203	33.630	33.833	-29.253	63.086
0.380	0.215	33.780	33.995	-25.434	59.429
0.681	0.223	36.400	36.623	-19.377	56.000
1.302	0.247	35.160	35.407	-20.593	56.000
3.052	0.320	28.220	28.540	-27.460	56.000
6.736	0.440	31.080	31.520	-28.480	60.000
Average					
0.252	0.203	22.180	22.383	-30.703	53.086
0.380	0.215	15.210	15.425	-34.004	49.429
0.681	0.223	18.560	18.783	-27.217	46.000
1.302	0.247	18.650	18.897	-27.103	46.000
3.052	0.320	15.090	15.410	-30.590	46.000
6.736	0.440	22.150	22.590	-27.410	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.396	0.215	39.440	39.655	-19.316	58.971
0.638	0.218	37.970	38.188	-17.812	56.000
0.951	0.232	35.620	35.852	-20.148	56.000
2.763	0.306	35.920	36.226	-19.774	56.000
9.959	0.633	34.220	34.853	-25.147	60.000
16.134	0.915	33.670	34.585	-25.415	60.000
Average					
0.396	0.215	25.170	25.385	-23.586	48.971
0.638	0.218	20.080	20.298	-25.702	46.000
0.951	0.232	21.130	21.362	-24.638	46.000
2.763	0.306	22.360	22.666	-23.334	46.000
9.959	0.633	24.850	25.483	-24.517	50.000
16.134	0.915	24.920	25.835	-24.165	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.291	0.208	32.490	32.697	-29.274	61.971
0.630	0.218	35.270	35.488	-20.512	56.000
1.470	0.257	30.790	31.047	-24.953	56.000
2.318	0.290	33.830	34.120	-21.880	56.000
6.326	0.424	32.440	32.864	-27.136	60.000
13.642	0.731	27.310	28.041	-31.959	60.000
Average					
0.291	0.208	15.380	15.587	-36.384	51.971
0.630	0.218	20.970	21.188	-24.812	46.000
1.470	0.257	17.370	17.627	-28.373	46.000
2.318	0.290	19.830	20.120	-25.880	46.000
6.326	0.424	23.040	23.464	-26.536	50.000
13.642	0.731	19.230	19.961	-30.039	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.545	0.217	40.570	40.787	-15.213	56.000
0.806	0.230	34.660	34.890	-21.110	56.000
1.880	0.275	34.240	34.515	-21.485	56.000
4.033	0.353	32.450	32.803	-23.197	56.000
9.755	0.620	33.700	34.320	-25.680	60.000
16.771	0.923	33.320	34.243	-25.757	60.000
Average					
0.545	0.217	29.190	29.407	-16.593	46.000
0.806	0.230	22.290	22.520	-23.480	46.000
1.880	0.275	22.550	22.825	-23.175	46.000
4.033	0.353	21.090	21.443	-24.557	46.000
9.755	0.620	24.820	25.440	-24.560	50.000
16.771	0.923	24.510	25.433	-24.567	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.259	0.203	35.150	35.353	-27.533	62.886
0.548	0.217	39.520	39.737	-16.263	56.000
0.732	0.229	39.400	39.629	-16.371	56.000
1.490	0.260	33.840	34.100	-21.900	56.000
5.455	0.392	34.020	34.412	-25.588	60.000
12.189	0.652	29.680	30.332	-29.668	60.000
Average					
0.259	0.203	26.890	27.093	-25.793	52.886
0.548	0.217	27.350	27.567	-18.433	46.000
0.732	0.229	19.060	19.289	-26.711	46.000
1.490	0.260	19.940	20.200	-25.800	46.000
5.455	0.392	23.810	24.202	-25.798	50.000
12.189	0.652	20.940	21.592	-28.408	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.224	0.202	33.480	33.682	-30.204	63.886
0.384	0.215	33.530	33.745	-25.569	59.314
0.693	0.229	39.700	39.929	-16.071	56.000
1.037	0.237	34.480	34.717	-21.283	56.000
2.627	0.295	33.420	33.715	-22.285	56.000
16.685	0.922	32.630	33.552	-26.448	60.000
Average					
0.224	0.202	19.980	20.182	-33.704	53.886
0.384	0.215	16.860	17.075	-32.239	49.314
0.693	0.229	22.550	22.779	-23.221	46.000
1.037	0.237	17.730	17.967	-28.033	46.000
2.627	0.295	21.740	22.035	-23.965	46.000
16.685	0.922	24.250	25.172	-24.828	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.271	0.203	30.610	30.813	-31.730	62.543
0.748	0.230	38.960	39.190	-16.810	56.000
1.392	0.248	30.070	30.318	-25.682	56.000
5.502	0.400	33.690	34.090	-25.910	60.000
11.298	0.601	27.660	28.261	-31.739	60.000
17.584	0.784	25.970	26.754	-33.246	60.000
Average					
0.271	0.203	18.930	19.133	-33.410	52.543
0.748	0.230	23.600	23.830	-22.170	46.000
1.392	0.248	18.250	18.498	-27.502	46.000
5.502	0.400	22.750	23.150	-26.850	50.000
11.298	0.601	20.360	20.961	-29.039	50.000
17.584	0.784	18.380	19.164	-30.836	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.365	0.214	37.080	37.294	-22.563	59.857
0.545	0.217	41.790	42.007	-13.993	56.000
0.767	0.230	38.490	38.720	-17.280	56.000
2.263	0.290	33.990	34.280	-21.720	56.000
7.384	0.508	32.110	32.618	-27.382	60.000
17.478	0.933	31.240	32.173	-27.827	60.000
Average					
0.365	0.214	19.440	19.654	-30.203	49.857
0.545	0.217	32.610	32.827	-13.173	46.000
0.767	0.230	25.720	25.950	-20.050	46.000
2.263	0.290	19.980	20.270	-25.730	46.000
7.384	0.508	23.340	23.848	-26.152	50.000
17.478	0.933	23.300	24.233	-25.767	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	48.200	48.402	-17.598	66.000
0.341	0.214	36.870	37.084	-23.459	60.543
0.552	0.217	40.330	40.547	-15.453	56.000
1.056	0.234	33.690	33.924	-22.076	56.000
5.369	0.391	33.090	33.481	-26.519	60.000
10.884	0.582	28.460	29.042	-30.958	60.000
Average					
0.150	0.202	32.470	32.672	-23.328	56.000
0.341	0.214	23.870	24.084	-26.459	50.543
0.552	0.217	29.620	29.837	-16.163	46.000
1.056	0.234	16.240	16.474	-29.526	46.000
5.369	0.391	23.500	23.891	-26.109	50.000
10.884	0.582	19.770	20.352	-29.648	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.259	0.206	36.980	37.186	-25.700	62.886
0.545	0.217	41.690	41.907	-14.093	56.000
1.642	0.262	36.240	36.502	-19.498	56.000
3.482	0.336	31.940	32.276	-23.724	56.000
6.416	0.465	30.490	30.955	-29.045	60.000
16.541	0.920	32.090	33.010	-26.990	60.000
Average					
0.259	0.206	22.460	22.666	-30.220	52.886
0.545	0.217	32.750	32.967	-13.033	46.000
1.642	0.262	26.790	27.052	-18.948	46.000
3.482	0.336	21.030	21.366	-24.634	46.000
6.416	0.465	21.990	22.455	-27.545	50.000
16.541	0.920	24.280	25.200	-24.800	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.154	0.202	44.460	44.662	-21.224	65.886
0.447	0.216	38.980	39.196	-18.318	57.514
1.439	0.249	31.500	31.749	-24.251	56.000
2.314	0.290	34.590	34.880	-21.120	56.000
5.455	0.392	32.360	32.752	-27.248	60.000
19.193	0.776	27.360	28.136	-31.864	60.000
Average					
0.154	0.202	28.850	29.052	-26.834	55.886
0.447	0.216	26.850	27.066	-20.448	47.514
1.439	0.249	18.560	18.809	-27.191	46.000
2.314	0.290	21.430	21.720	-24.280	46.000
5.455	0.392	22.880	23.272	-26.728	50.000
19.193	0.776	18.730	19.506	-30.494	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.150	0.202	51.770	51.972	-14.028	66.000
0.287	0.214	35.750	35.964	-26.122	62.086
0.545	0.217	40.790	41.007	-14.993	56.000
1.197	0.246	34.270	34.516	-21.484	56.000
2.091	0.278	37.070	37.348	-18.652	56.000
6.670	0.479	31.790	32.269	-27.731	60.000
Average					
0.150	0.202	32.820	33.022	-22.978	56.000
0.287	0.214	21.530	21.744	-30.342	52.086
0.545	0.217	30.490	30.707	-15.293	46.000
1.197	0.246	23.030	23.276	-22.724	46.000
2.091	0.278	22.980	23.258	-22.742	46.000
6.670	0.479	22.150	22.629	-27.371	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.275	0.203	34.340	34.543	-27.886	62.429
0.396	0.215	35.230	35.445	-23.526	58.971
0.545	0.217	40.000	40.217	-15.783	56.000
1.037	0.234	33.190	33.424	-22.576	56.000
2.283	0.290	34.110	34.400	-21.600	56.000
5.115	0.388	32.340	32.728	-27.272	60.000
Average					
0.275	0.203	24.520	24.723	-27.706	52.429
0.396	0.215	19.940	20.155	-28.816	48.971
0.545	0.217	30.320	30.537	-15.463	46.000
1.037	0.234	17.090	17.324	-28.676	46.000
2.283	0.290	19.980	20.270	-25.730	46.000
5.115	0.388	22.220	22.608	-27.392	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.412	0.215	38.400	38.615	-19.899	58.514
0.752	0.230	41.650	41.880	-14.120	56.000
2.295	0.290	36.790	37.080	-18.920	56.000
5.091	0.408	33.890	34.298	-25.702	60.000
9.982	0.633	32.670	33.303	-26.697	60.000
17.326	0.931	31.710	32.641	-27.359	60.000
Average					
0.412	0.215	23.490	23.705	-24.809	48.514
0.752	0.230	24.090	24.320	-21.680	46.000
2.295	0.290	24.490	24.780	-21.220	46.000
5.091	0.408	22.210	22.618	-27.382	50.000
9.982	0.633	24.600	25.233	-24.767	50.000
17.326	0.931	23.850	24.781	-25.219	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	46.610	46.812	-19.188	66.000
0.271	0.203	36.110	36.313	-26.230	62.543
0.443	0.216	36.880	37.096	-20.533	57.629
0.845	0.231	33.020	33.251	-22.749	56.000
4.486	0.370	34.280	34.650	-21.350	56.000
16.037	0.794	28.090	28.884	-31.116	60.000
Average					
0.150	0.202	30.580	30.782	-25.218	56.000
0.271	0.203	28.650	28.853	-23.690	52.543
0.443	0.216	22.090	22.306	-25.323	47.629
0.845	0.231	14.500	14.731	-31.269	46.000
4.486	0.370	22.240	22.610	-23.390	46.000
16.037	0.794	19.230	20.024	-29.976	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.150	0.202	49.590	49.792	-16.208	66.000
0.380	0.215	36.460	36.675	-22.754	59.429
0.732	0.229	38.940	39.169	-16.831	56.000
2.084	0.277	34.610	34.887	-21.113	56.000
8.216	0.549	32.340	32.889	-27.111	60.000
15.763	0.910	31.410	32.320	-27.680	60.000
Average					
0.150	0.202	33.750	33.952	-22.048	56.000
0.380	0.215	20.600	20.815	-28.614	49.429
0.732	0.229	20.540	20.769	-25.231	46.000
2.084	0.277	22.770	23.047	-22.953	46.000
8.216	0.549	23.210	23.759	-26.241	50.000
15.763	0.910	23.730	24.640	-25.360	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.369	0.214	35.470	35.684	-24.059	59.743
0.755	0.230	38.090	38.320	-17.680	56.000
2.295	0.290	33.220	33.510	-22.490	56.000
4.869	0.374	31.340	31.714	-24.286	56.000
12.248	0.653	27.440	28.093	-31.907	60.000
19.267	0.767	27.170	27.937	-32.063	60.000
Average					
0.369	0.214	17.320	17.534	-32.209	49.743
0.755	0.230	23.740	23.970	-22.030	46.000
2.295	0.290	20.610	20.900	-25.100	46.000
4.869	0.374	19.750	20.124	-25.876	46.000
12.248	0.653	20.610	21.263	-28.737	50.000
19.267	0.767	18.740	19.507	-30.493	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.447	0.216	39.960	40.176	-17.338	57.514
0.767	0.230	38.610	38.840	-17.160	56.000
1.681	0.262	34.390	34.652	-21.348	56.000
2.388	0.292	32.810	33.102	-22.898	56.000
6.931	0.492	30.310	30.802	-29.198	60.000
18.189	0.942	30.730	31.672	-28.328	60.000
Average					
0.447	0.216	26.510	26.726	-20.788	47.514
0.767	0.230	25.720	25.950	-20.050	46.000
1.681	0.262	18.190	18.452	-27.548	46.000
2.388	0.292	22.220	22.512	-23.488	46.000
6.931	0.492	22.280	22.772	-27.228	50.000
18.189	0.942	22.620	23.562	-26.438	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	48.340	48.542	-17.458	66.000
0.447	0.216	39.080	39.296	-18.218	57.514
0.740	0.230	38.470	38.700	-17.300	56.000
2.236	0.284	31.470	31.754	-24.246	56.000
4.865	0.374	31.010	31.384	-24.616	56.000
12.002	0.640	28.930	29.570	-30.430	60.000
Average					
0.150	0.202	32.540	32.742	-23.258	56.000
0.447	0.216	26.780	26.996	-20.518	47.514
0.740	0.230	20.990	21.220	-24.780	46.000
2.236	0.284	15.710	15.994	-30.006	46.000
4.865	0.374	19.520	19.894	-26.106	46.000
12.002	0.640	20.480	21.120	-28.880	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.255	0.205	36.250	36.455	-26.545	63.000
0.392	0.215	36.420	36.635	-22.451	59.086
0.759	0.230	38.790	39.020	-16.980	56.000
2.306	0.290	36.910	37.200	-18.800	56.000
9.861	0.626	32.030	32.656	-27.344	60.000
16.181	0.915	32.120	33.035	-26.965	60.000
Average					
0.255	0.205	22.460	22.665	-30.335	53.000
0.392	0.215	19.180	19.395	-29.691	49.086
0.759	0.230	25.940	26.170	-19.830	46.000
2.306	0.290	26.170	26.460	-19.540	46.000
9.861	0.626	23.770	24.396	-25.604	50.000
16.181	0.915	24.500	25.415	-24.585	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	48.410	48.612	-17.388	66.000
0.283	0.204	32.400	32.605	-29.595	62.200
0.552	0.217	40.160	40.377	-15.623	56.000
2.185	0.279	30.840	31.119	-24.881	56.000
6.560	0.427	33.390	33.817	-26.183	60.000
16.502	0.790	27.240	28.030	-31.970	60.000
Average					
0.150	0.202	32.820	33.022	-22.978	56.000
0.283	0.204	19.790	19.995	-32.205	52.200
0.552	0.217	29.480	29.697	-16.303	46.000
2.185	0.279	18.820	19.099	-26.901	46.000
6.560	0.427	23.460	23.887	-26.113	50.000
16.502	0.790	18.980	19.770	-30.230	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.150	0.202	49.640	49.842	-16.158	66.000
0.427	0.215	37.570	37.785	-20.301	58.086
0.771	0.230	36.900	37.130	-18.870	56.000
2.130	0.278	34.670	34.948	-21.052	56.000
9.576	0.616	31.630	32.246	-27.754	60.000
16.166	0.915	32.080	32.995	-27.005	60.000
Average					
0.150	0.202	33.690	33.892	-22.108	56.000
0.427	0.215	22.890	23.105	-24.981	48.086
0.771	0.230	24.400	24.630	-21.370	46.000
2.130	0.278	20.740	21.018	-24.982	46.000
9.576	0.616	24.260	24.876	-25.124	50.000
16.166	0.915	24.500	25.415	-24.585	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.353	0.214	35.940	36.154	-24.046	60.200
0.576	0.217	38.090	38.307	-17.693	56.000
2.291	0.290	33.870	34.160	-21.840	56.000
4.658	0.372	30.950	31.322	-24.678	56.000
11.396	0.610	29.330	29.940	-30.060	60.000
19.228	0.776	26.900	27.676	-32.324	60.000
Average					
0.353	0.214	18.480	18.694	-31.506	50.200
0.576	0.217	18.680	18.897	-27.103	46.000
2.291	0.290	19.830	20.120	-25.880	46.000
4.658	0.372	21.320	21.692	-24.308	46.000
11.396	0.610	20.970	21.580	-28.420	50.000
19.228	0.776	18.560	19.336	-30.664	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.255	0.205	36.420	36.625	-26.375	63.000
0.568	0.217	39.720	39.937	-16.063	56.000
1.498	0.260	35.550	35.810	-20.190	56.000
2.853	0.308	34.590	34.898	-21.102	56.000
7.771	0.533	32.370	32.903	-27.097	60.000
16.740	0.923	32.100	33.023	-26.977	60.000
Average					
0.255	0.205	22.510	22.715	-30.285	53.000
0.568	0.217	21.890	22.107	-23.893	46.000
1.498	0.260	23.450	23.710	-22.290	46.000
2.853	0.308	24.740	25.048	-20.952	46.000
7.771	0.533	23.340	23.873	-26.127	50.000
16.740	0.923	24.580	25.503	-24.497	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	48.430	48.632	-17.368	66.000
0.365	0.214	35.430	35.644	-24.213	59.857
0.916	0.232	32.640	32.872	-23.128	56.000
2.712	0.306	28.790	29.096	-26.904	56.000
6.263	0.423	33.330	33.753	-26.247	60.000
16.521	0.790	27.260	28.050	-31.950	60.000
Average					
0.150	0.202	32.410	32.612	-23.388	56.000
0.365	0.214	17.850	18.064	-31.793	49.857
0.916	0.232	16.060	16.292	-29.708	46.000
2.712	0.306	16.620	16.926	-29.074	46.000
6.263	0.423	23.980	24.403	-25.597	50.000
16.521	0.790	19.060	19.850	-30.150	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.338	0.214	38.090	38.304	-22.325	60.629
0.556	0.217	40.860	41.077	-14.923	56.000
1.318	0.247	33.870	34.117	-21.883	56.000
2.255	0.290	34.710	35.000	-21.000	56.000
8.267	0.550	31.280	31.830	-28.170	60.000
17.560	0.934	31.010	31.944	-28.056	60.000
Average					
0.338	0.214	26.850	27.064	-23.565	50.629
0.556	0.217	25.910	26.127	-19.873	46.000
1.318	0.247	21.860	22.107	-23.893	46.000
2.255	0.290	20.550	20.840	-25.160	46.000
8.267	0.550	22.510	23.060	-26.940	50.000
17.560	0.934	23.510	24.444	-25.556	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	0.202	48.470	48.672	-17.328	66.000
0.552	0.217	40.160	40.377	-15.623	56.000
1.009	0.233	33.780	34.013	-21.987	56.000
2.295	0.290	33.200	33.490	-22.510	56.000
6.384	0.425	31.070	31.495	-28.505	60.000
13.912	0.745	27.120	27.865	-32.135	60.000
Average					
0.150	0.202	32.540	32.742	-23.258	56.000
0.552	0.217	29.190	29.407	-16.593	46.000
1.009	0.233	19.990	20.223	-25.777	46.000
2.295	0.290	20.610	20.900	-25.100	46.000
6.384	0.425	22.730	23.155	-26.845	50.000
13.912	0.745	18.230	18.975	-31.025	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.150	0.202	49.640	49.842	-16.158	66.000
0.302	0.214	37.370	37.584	-24.073	61.657
1.021	0.233	35.170	35.403	-20.597	56.000
2.240	0.286	34.270	34.555	-21.445	56.000
9.275	0.602	34.040	34.642	-25.358	60.000
25.248	1.137	27.280	28.417	-31.583	60.000
Average					
0.150	0.202	33.800	34.002	-21.998	56.000
0.302	0.214	25.240	25.454	-26.203	51.657
1.021	0.233	20.210	20.443	-25.557	46.000
2.240	0.286	19.530	19.815	-26.185	46.000
9.275	0.602	24.420	25.022	-24.978	50.000
25.248	1.137	20.350	21.487	-28.513	50.000

Note:

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

Product : Notebook P.C.
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.334	0.214	36.900	37.114	-23.629	60.743
0.556	0.217	40.180	40.397	-15.603	56.000
1.498	0.260	32.850	33.110	-22.890	56.000
4.841	0.374	30.910	31.284	-24.716	56.000
11.857	0.630	27.930	28.560	-31.440	60.000
19.478	0.770	26.910	27.680	-32.320	60.000
Average					
0.334	0.214	26.250	26.464	-24.279	50.743
0.556	0.217	25.100	25.317	-20.683	46.000
1.498	0.260	20.510	20.770	-25.230	46.000
4.841	0.374	20.010	20.384	-25.616	46.000
11.857	0.630	20.730	21.360	-28.640	50.000
19.478	0.770	17.970	18.740	-31.260	50.000

Note:

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

3. Peak Power Output

3.1. Test Equipment

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

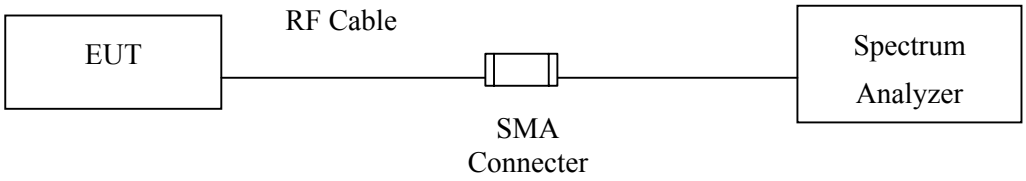
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	R&S	FSP40 / 100170	Nov, 2006

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

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

3.2. Test Setup

Conduction Power Measurement



3.3. Limits

The maximum peak power shall be less 1 Watt.

3.4. Uncertainty

± 1.27 dB

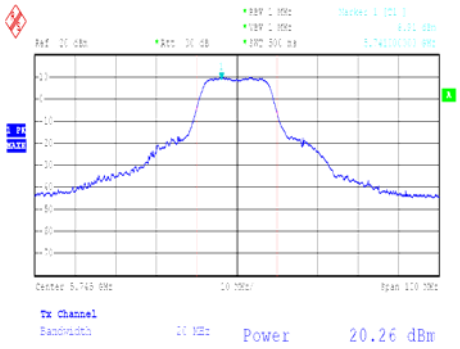
3.5. Test Result of Peak Power Output

Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (Antenna B) (Ch.A)

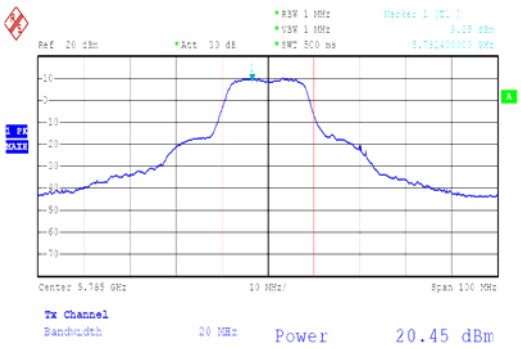
Data Speed: 6Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5745.00	20.26 dBm	1Watt= 30 dBm	Pass
03	5785.00	20.45 dBm	1Watt= 30 dBm	Pass
05	5825.00	18.52 dBm	1Watt= 30 dBm	Pass

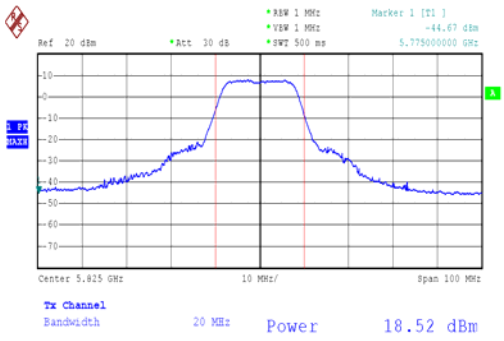
6Mbps-CH01



6Mbps-CH03



6Mbps-CH 05

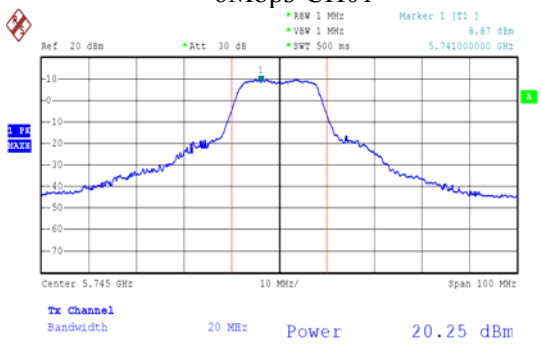


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (Antenna B) (Ch.B)

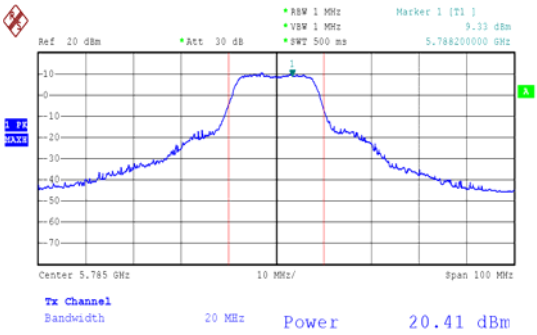
Data Speed: 6Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5745.00	20.25 dBm	1Watt= 30 dBm	Pass
03	5785.00	20.41 dBm	1Watt= 30 dBm	Pass
05	5825.00	20.35 dBm	1Watt= 30 dBm	Pass

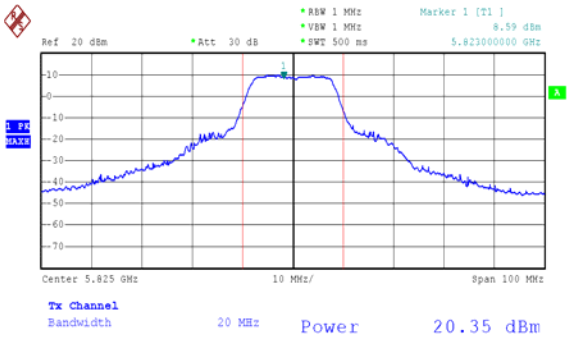
6Mbps-CH01



6Mbps-CH03



6Mbps-CH05

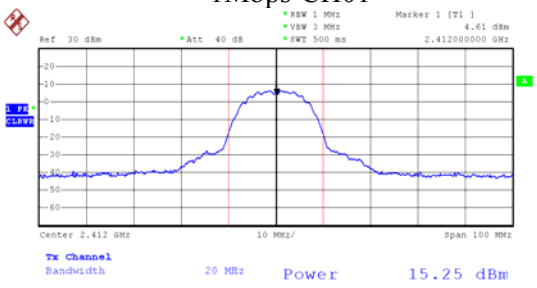


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (Antenna A) (Ch.A)

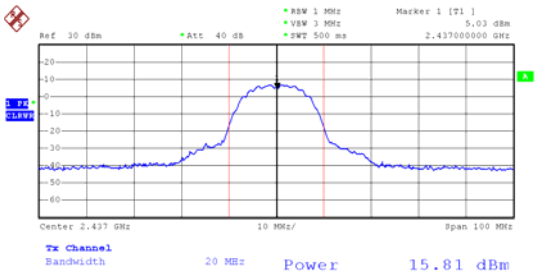
Data Speed: 1Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	2412.00	15.25 dBm	1Watt= 30 dBm	Pass
06	2437.00	15.81 dBm	1Watt= 30 dBm	Pass
11	2462.00	15.99 dBm	1Watt= 30 dBm	Pass

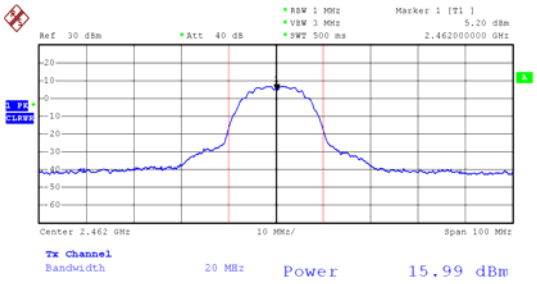
1Mbps-CH01



1 Mbps-CH 06



1Mbps-CH11

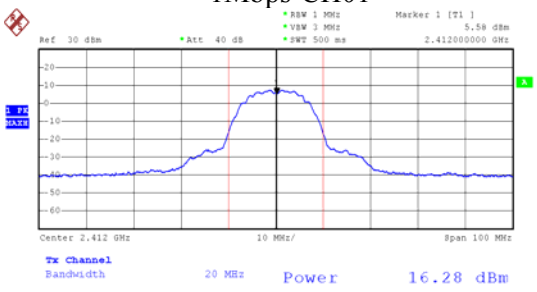


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (Antenna A) (Ch.B)

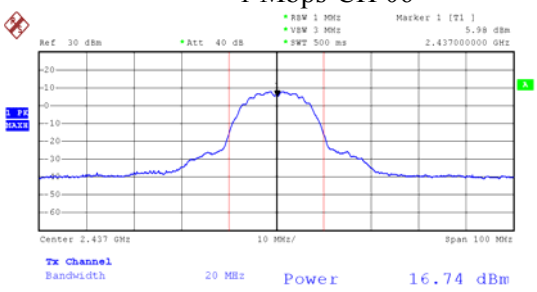
Data Speed: 1Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	2412.00	16.28 dBm	1Watt= 30 dBm	Pass
06	2437.00	16.74 dBm	1Watt= 30 dBm	Pass
11	2462.00	17.16 dBm	1Watt= 30 dBm	Pass

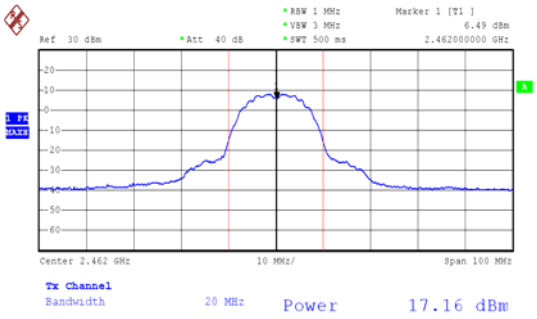
1Mbps-CH01



1 Mbps-CH 06



1Mbps-CH11

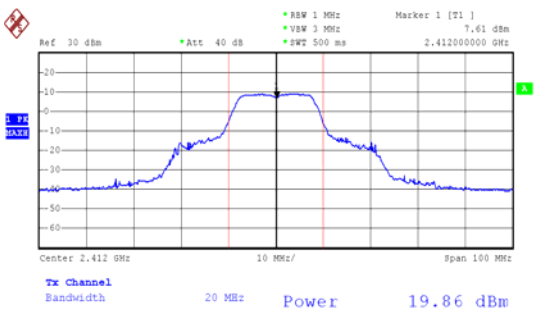


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (Antenna A) (Ch.A)

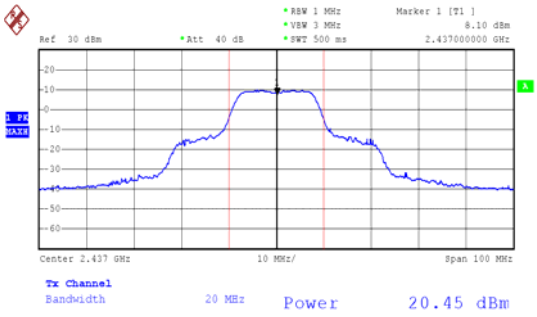
Data Speed: 6Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
1	2412.00	19.86 dBm	1Watt= 30 dBm	Pass
6	2437.00	20.45 dBm	1Watt= 30 dBm	Pass
11	2462.00	20.72 dBm	1Watt= 30 dBm	Pass

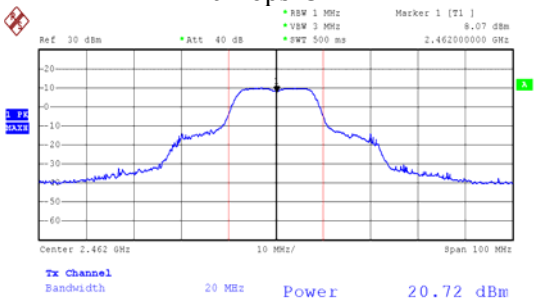
6Mbps-CH01



6Mbps-CH 06



6Mbps-CH11

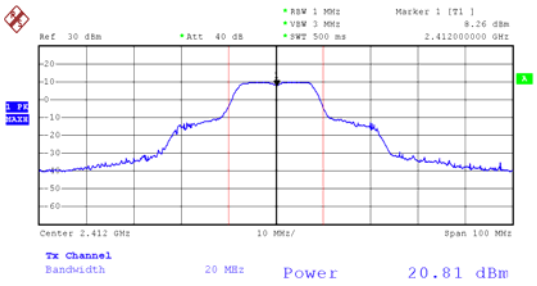


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (Antenna A) (Ch.B)

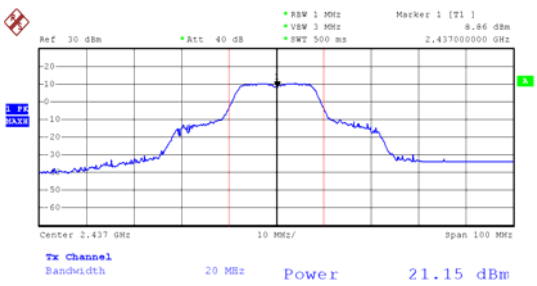
Data Speed: 6Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
1	2412.00	20.81 dBm	1Watt= 30 dBm	Pass
6	2437.00	21.15 dBm	1Watt= 30 dBm	Pass
11	2462.00	21.30 dBm	1Watt= 30 dBm	Pass

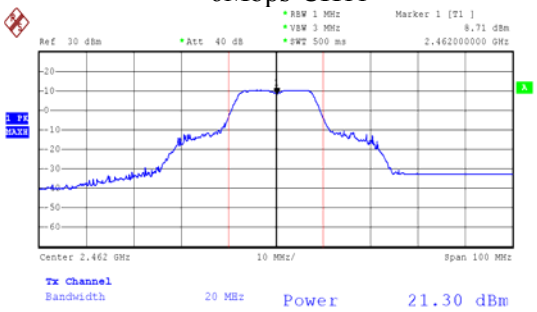
6Mbps-CH01



6Mbps-CH 06



6Mbps-CH11

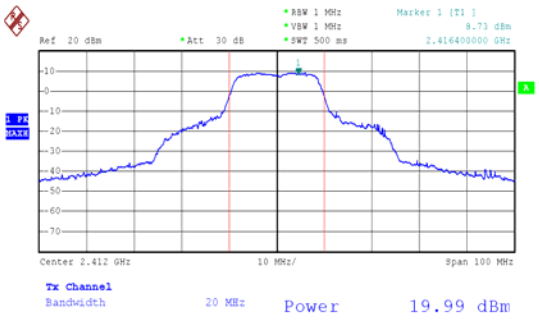


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna A) (Ch.A)

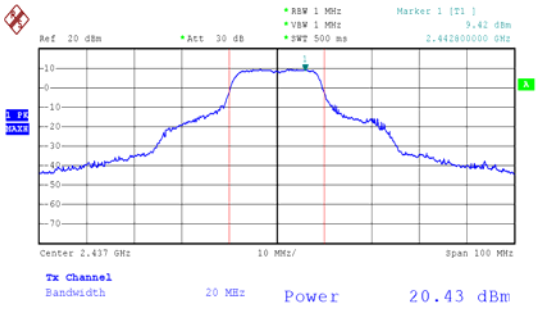
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	2412.00	19.99 dBm	1Watt= 30 dBm	Pass
06	2437.00	20.43 dBm	1Watt= 30 dBm	Pass
11	2462.00	20.47 dBm	1Watt= 30 dBm	Pass

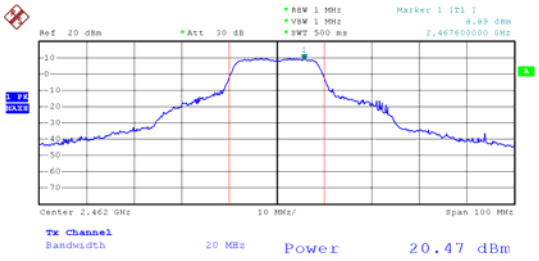
HT0 Mbps-CH 01



HT0 Mbps -CH 06



HT0 Mbps –CH 11

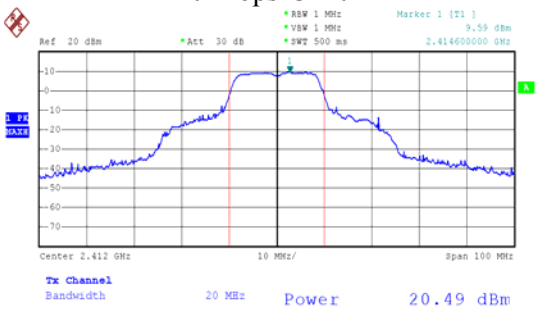


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna A) (Ch.B)

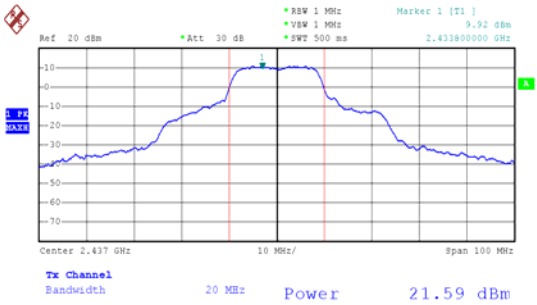
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	2412	20.49 dBm	1Watt= 30 dBm	Pass
06	2437	21.59 dBm	1Watt= 30 dBm	Pass
11	2462	21.73 dBm	1Watt= 30 dBm	Pass

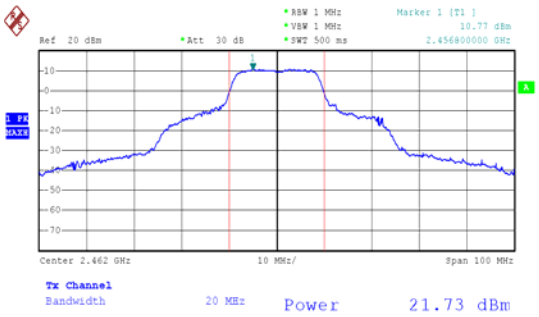
HT0 Mbps-CH 01



HT0 Mbps -CH 06



HT0 Mbps –CH 11

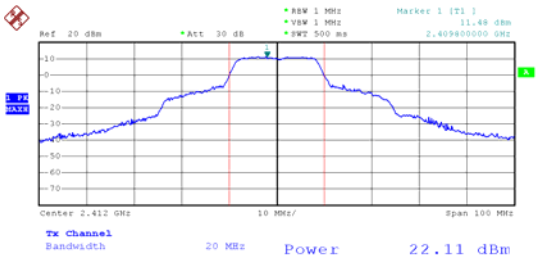


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna A) (Ch.A+Ch.B)

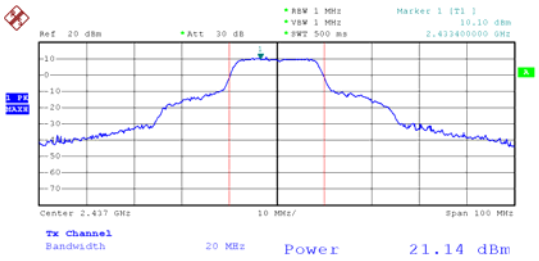
Data Speed: HT8Mbps (Ch.A)

Channel No.	Frequency (MHz)	Measurement
01	2412	22.11 dBm
06	2437	21.14 dBm
11	2462	21.51 dBm

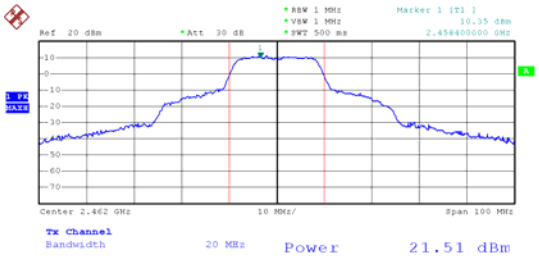
HT8 Mbps-CH 01



HT8 Mbps -CH 06



HT8 Mbps -CH 11

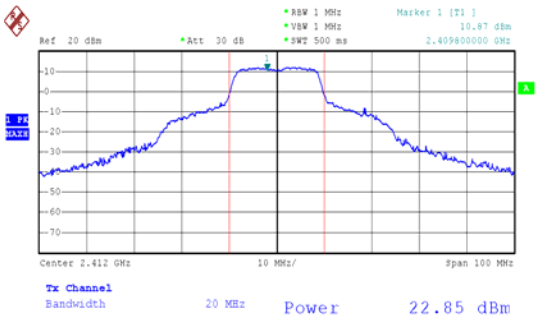


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna A) (Ch.A+Ch.B)

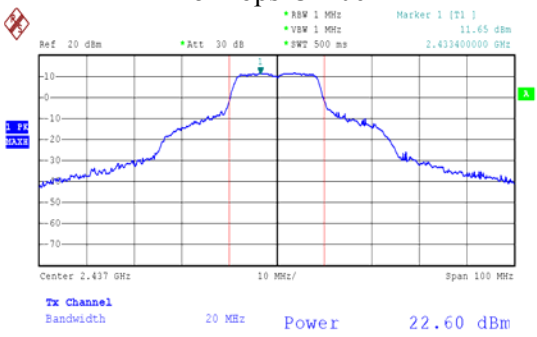
Data Speed: HT8Mbps (Ch.B)

Channel No.	Frequency (MHz)	Measurement
01	2412	22.85 dBm
06	2437	22.60 dBm
11	2462	22.65 dBm

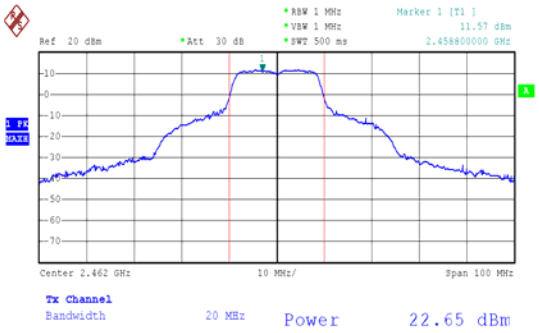
HT8 Mbps-CH 01



HT8 Mbps-CH 06



HT8 Mbps-CH 11



Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna A) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	DataRate (Mbps)	Peak Power Ch. A (dBm)	Peak Power Ch. A (mW)	Peak Power Ch. B (dBm)	Peak Power Ch. B (mW)	Peak Power Ch. A+B (dBm)	Required Limit	Result
01	2412	HT08	22.110	162.555	22.850	192.752	25.506	1Watt= 30 dBm	Pass
06	2437	HT08	21.140	130.017	22.600	181.970	24.941	1Watt= 30 dBm	Pass
11	2462	HT08	21.510	141.579	22.650	184.077	25.128	1Watt= 30 dBm	Pass

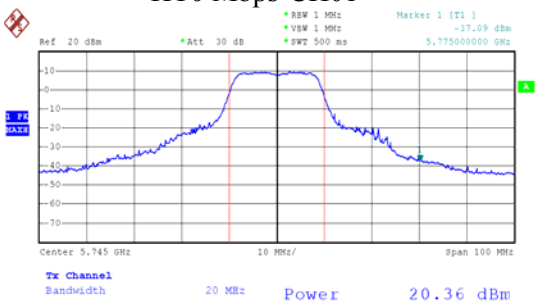
P.S: Peak Power Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna B) (Ch.A)

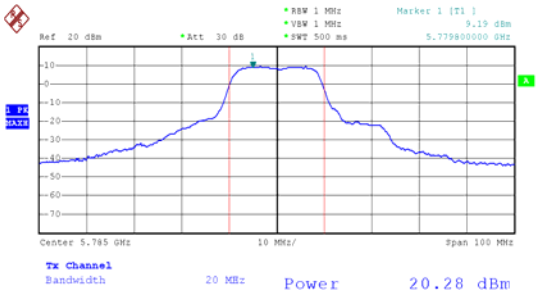
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5745.00	20.36 dBm	1Watt= 30 dBm	Pass
03	5785.00	20.28 dBm	1Watt= 30 dBm	Pass
05	5825.00	20.41 dBm	1Watt= 30 dBm	Pass

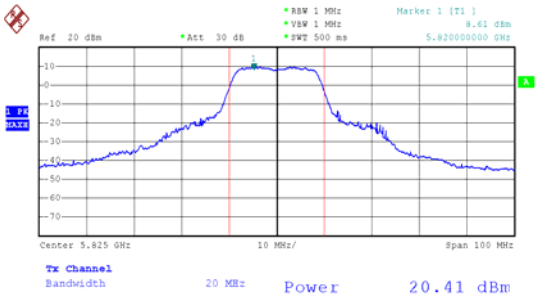
HT0 Mbps-CH01



HT0 Mbps -CH03



HT0 Mbps –CH05

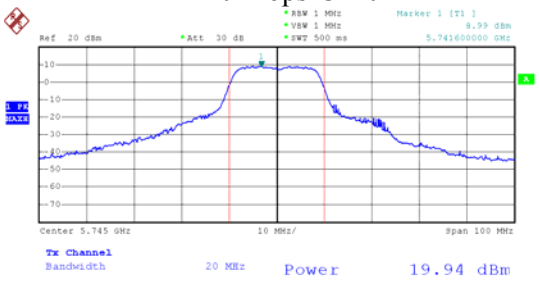


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna B) (Ch.B)

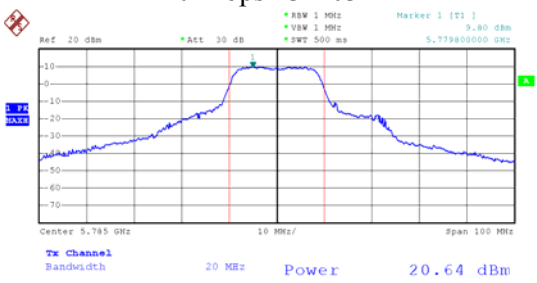
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5745.00	19.94 dBm	1Watt= 30 dBm	Pass
03	5785.00	20.64 dBm	1Watt= 30 dBm	Pass
05	5825.00	19.47 dBm	1Watt= 30 dBm	Pass

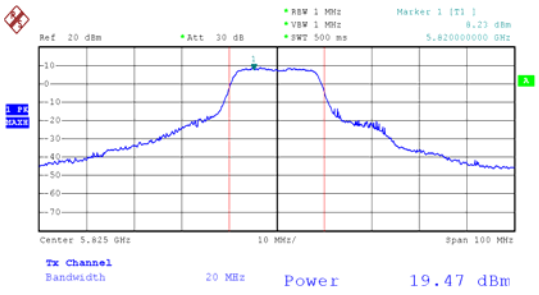
HT0 Mbps-CH 01



HT0 Mbps -CH 03



HT0 Mbps –CH05

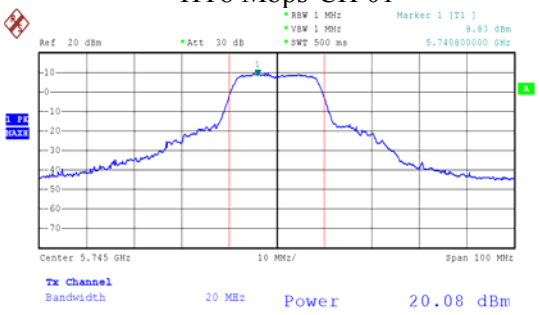


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna B) (Ch.A+Ch.B)

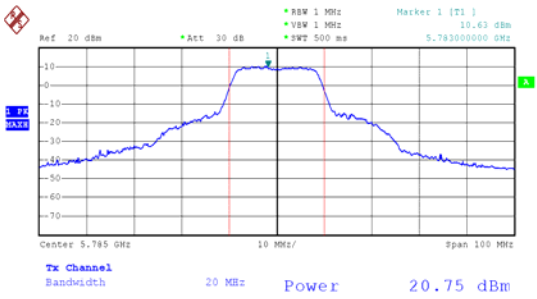
Data Speed: HT8Mbps (Ch.A**)**

Channel No.	Frequency (MHz)	Measurement
01	5745	20.08 dBm
03	5785	20.75 dBm
05	5825	21.62 dBm

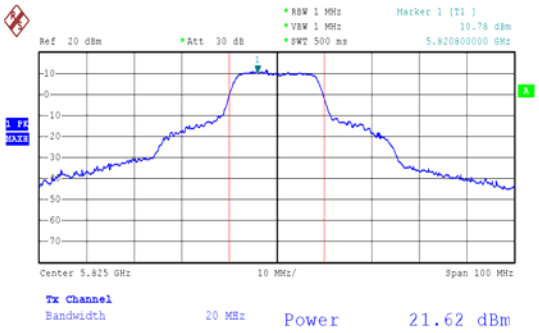
HT8 Mbps-CH 01



HT8 Mbps -CH 03



HT8 Mbps -CH 05

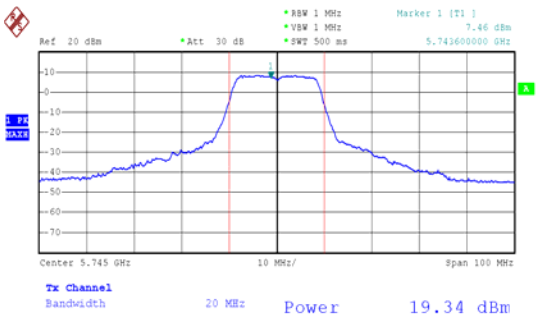


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna B) (Ch.A+Ch.B)

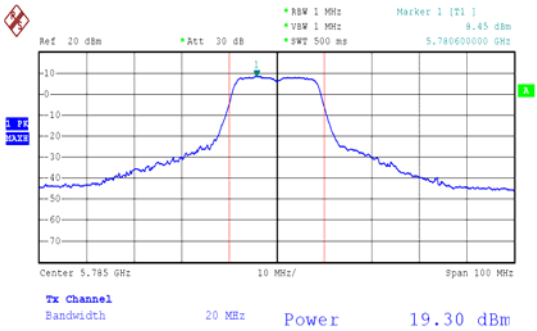
Data Speed: HT8Mbps (Ch.B)

Channel No.	Frequency (MHz)	Measurement
01	5745	19.34 dBm
03	5785	19.30 dBm
05	5825	20.21 dBm

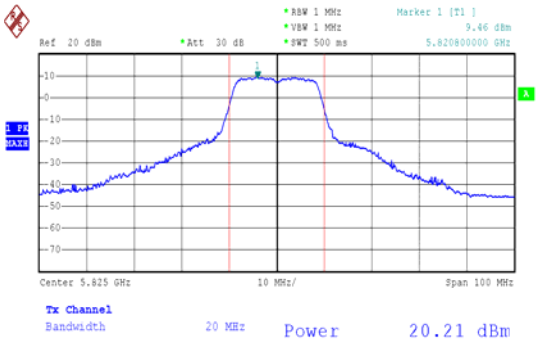
HT8 Mbps-CH 01



HT8 Mbps -CH 03



HT8 Mbps -CH 05



Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak Power Ch. A (dBm)	Peak Power Ch. A (mW)	Peak Power Ch. B (dBm)	Peak Power Ch. B (mW)	Peak Power Ch. A+B (dBm)	Required Limit (dBm)	Result
01	5745	HT08	20.080	101.859	19.340	85.901	22.736	1Watt= 30	Pass
03	5785	HT08	20.750	118.850	19.300	85.114	23.096	1Watt= 30	Pass
05	5825	HT08	21.620	145.211	20.210	104.954	23.982	1Watt= 30	Pass

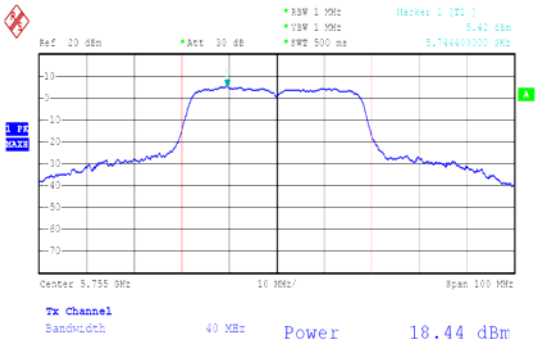
P.S: Peak Power Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (Antenna B) (Ch.A)

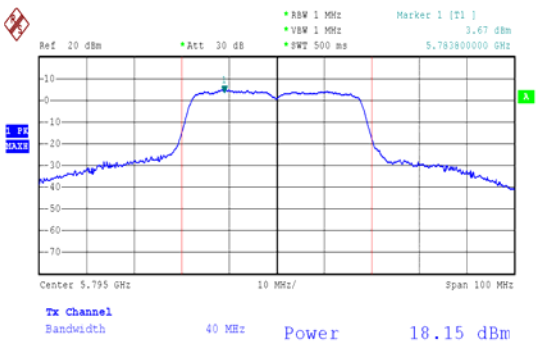
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5755	18.44 dBm	1Watt= 30 dBm	Pass
02	5795	18.15 dBm	1Watt= 30 dBm	Pass

HT0 Mbps-CH 01



HT0 Mbps -CH 02

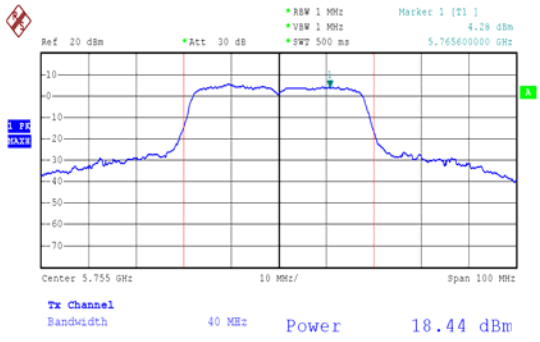


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (Antenna B)(Ch.B)

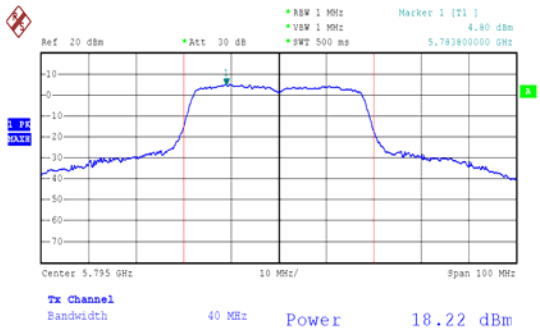
Data Speed: HT0Mbps

Channel No.	Frequency (MHz)	Measurement	Required Limit	Result
01	5755	18.44 dBm	1Watt= 30 dBm	Pass
02	5795	18.22 dBm	1Watt= 30 dBm	Pass

HT0 Mbps-CH 01



HT0 Mbps -CH 02

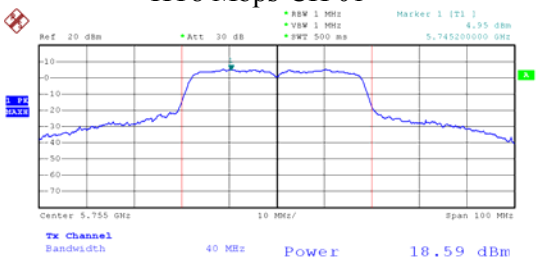


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (Antenna B) (Ch.A+Ch.B)

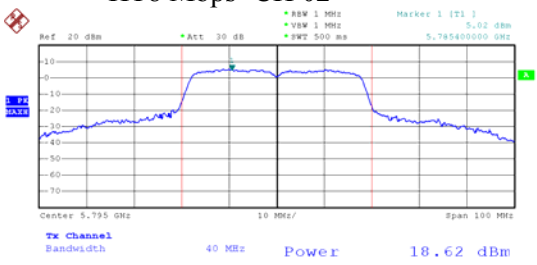
Data Speed: HT8Mbps (Ch.A**)**

Channel No.	Frequency (MHz)	Measurement
01	5755	18.59 dBm
02	5795	18.62 dBm

HT8 Mbps-CH 01



HT8 Mbps -CH 02

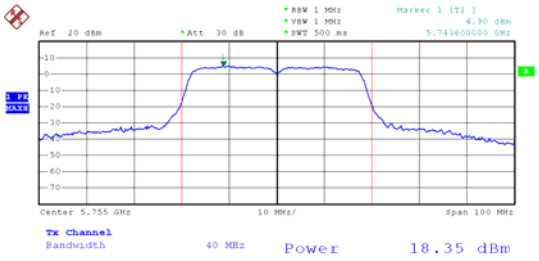


Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (Antenna B) (Ch.A+Ch.B)

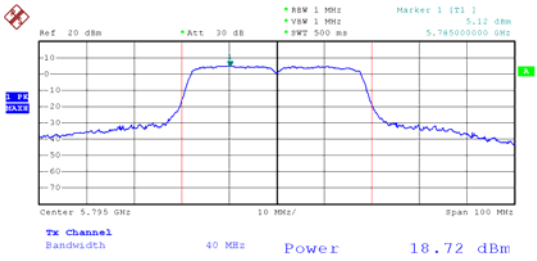
Data Speed: HT8Mbps (Ch.B)

Channel No.	Frequency (MHz)	Measurement
01	5755	18.35 dBm
02	5795	18.72 dBm

HT8 Mbps-CH 01



HT8 Mbps -CH 02



Product : Notebook P.C.
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak Power Ch. A (dBm)	Peak Power Ch. A (mW)	Peak Power Ch. B (dBm)	Peak Power Ch. B (mW)	Peak Power Ch. A+B (dBm)	Required Limit (dBm)	Result
01	5755	HT08	18.590	72.277	18.350	68.391	21.482	1Watt= 30	Pass
02	5795	HT08	18.620	72.778	18.720	74.473	21.681	1Watt= 30	Pass

P.S: Peak Power Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

4. Radiated Emission

4.1. Test Equipment

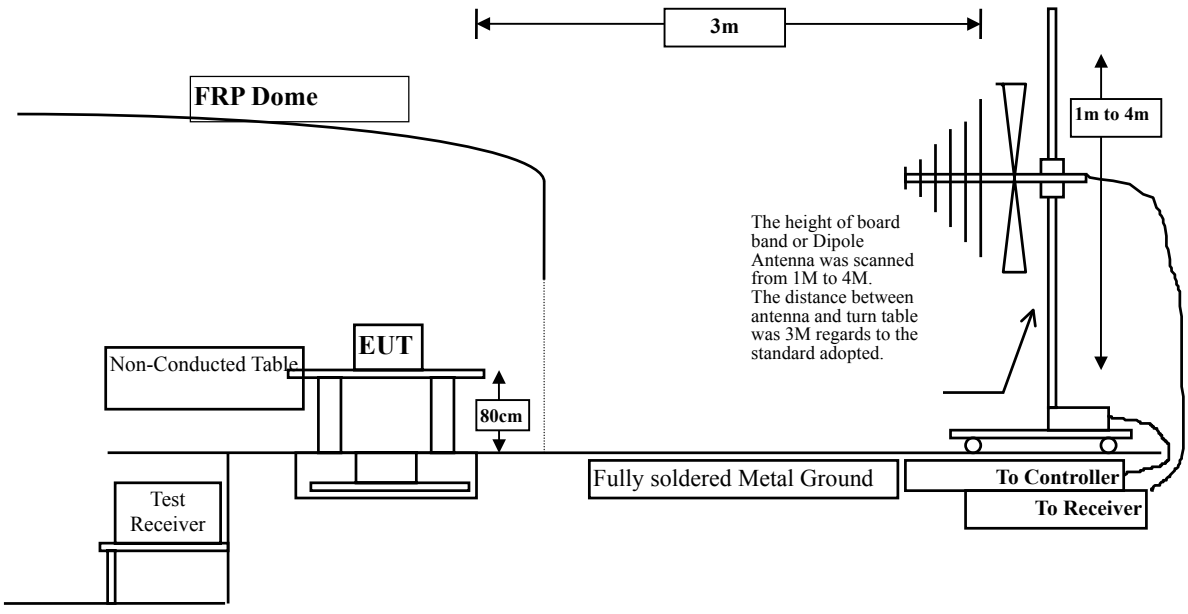
The following test equipment are used during the radiated emission test:

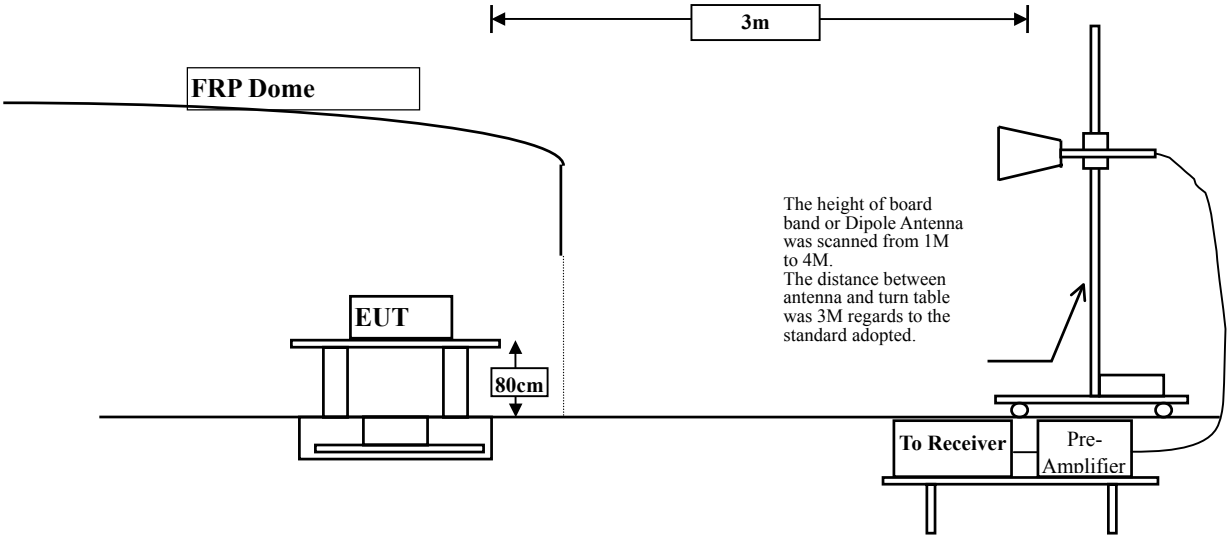
Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 1		Test Receiver	R & S	ESCS 30 / 825442/14	May, 2007
		Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2007
		Pre-Amplifier	HP	8447D/3307A01812	May, 2007
		Bilog Antenna	Chase	CBL6112B / 12452	Sep., 2006
		Horn Antenna	EM	EM6917 / 103325	May, 2007
Site # 2		Test Receiver	R & S	ESCS 30 / 825442/17	May, 2007
		Spectrum Analyzer	Advantest	R3261C / 71720609	May, 2007
		Pre-Amplifier	HP	8447D/3307A01814	May, 2007
		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2006
		Horn Antenna	EM	EM6917 / 103325	May, 2007
Site # 3	X	Test Receiver	R & S	ESI 26 / 838786 / 004	May, 2007
	X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2007
	X	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2007
	X	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	May, 2007
	X	Horn Antenna	ETS	3115 / 0005-6160	July, 2006
	X	Pre-Amplifier	QTK	QTK-AMP-01 / 0001	July, 2006

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

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

4.2. Test Setup





4.3. Limits

➢ General Radiated Emission Limits

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

FCC Part 15 Subpart C Paragraph 15.209(a) Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

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

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

4.5. Uncertainty

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

4.6. Test Result of Radiated Emission

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11490.000	15.215	37.872	53.087	-20.883	74.000
17235.000	14.289	37.036	51.324	-22.646	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11490.000	15.215	39.906	55.121	-18.849	74.000
17235.000	14.289	37.363	51.651	-22.319	74.000
Average Detector					
11490.250	15.216	29.334	44.549	-9.421	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745 MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11490.000	15.215	37.003	52.218	-21.752	74.000
17235.000	14.289	37.886	52.174	-21.796	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11490.000	15.215	41.033	56.248	-17.722	74.000
17235.000	14.289	38.100	52.388	-21.582	74.000
Average Detector					
11490.000	15.215	29.706	44.921	-9.049	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11570.000	15.312	37.130	52.441	-21.529	74.000
17355.000	16.307	36.912	53.219	-20.751	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11570.000	15.312	40.105	55.416	-18.554	74.000
17355.000	16.307	37.034	53.341	-20.629	74.000
Average Detector					
11570.000	15.312	29.026	44.337	-9.633	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11570.000	15.312	37.382	52.693	-21.277	74.000
17355.000	16.307	37.613	53.920	-20.050	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11570.000	15.312	37.635	52.946	-21.024	74.000
17355.000	16.307	38.162	54.469	-19.501	74.000
Average Detector					
17355.000	16.307	27.514	43.821	-10.149	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5825 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11650.000	15.408	36.944	52.352	-21.618	74.000
17475.000	18.140	36.637	54.777	-19.193	74.000
Average Detector					
17475.000	18.140	26.123	44.263	-9.707	54.000
Vertical					
Peak Detector					
11650.000	15.408	37.982	53.390	-20.580	74.000
17475.000	18.140	36.635	54.775	-19.195	74.000
Average Detector					
17475.000	18.140	26.222	44.362	-9.608	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5825 MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11650.000	15.408	39.231	54.639	-19.331	74.000
17475.000	18.140	37.603	55.743	-18.227	74.000
Average Detector					
11650.000	15.408	27.162	42.570	-11.400	54.000
17475.000	18.140	26.292	44.432	-9.538	54.000
Vertical					
Peak Detector					
11650.000	15.408	38.364	53.772	-20.198	74.000
17475.000	18.140	38.929	57.069	-16.901	74.000
Average Detector					
17475.000	18.140	26.476	44.616	-9.354	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	39.614	42.540	-31.430	74.000
7236.000	9.472	37.761	47.232	-26.738	74.000
9648.000	10.512	37.281	47.793	-26.177	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	40.079	43.005	-30.965	74.000
7236.000	9.472	38.100	47.571	-26.399	74.000
9648.000	10.512	38.782	49.294	-24.676	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	39.799	42.725	-31.245	74.000
7236.000	9.472	37.791	47.262	-26.708	74.000
9648.000	10.512	37.912	48.424	-25.546	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	41.236	44.162	-29.808	74.000
7236.000	9.472	37.375	46.846	-27.124	74.000
9648.000	10.512	38.198	48.710	-25.260	74.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	46.706	49.742	-24.228	74.000
7311.000	9.557	37.918	47.475	-26.495	74.000
9748.000	10.600	37.557	48.157	-25.813	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	42.065	45.101	-28.869	74.000
7311.000	9.557	37.990	47.547	-26.423	74.000
9748.000	10.600	37.009	47.609	-26.361	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	40.821	43.857	-30.113	74.000
7311.000	9.557	38.306	47.863	-26.107	74.000
9748.000	10.600	36.767	47.367	-26.603	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	41.316	44.352	-29.618	74.000
7311.000	9.557	37.618	47.175	-26.795	74.000
9748.000	10.600	37.782	48.382	-25.588	74.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	39.703	42.857	-31.113	74.000
7386.000	9.627	37.990	47.617	-26.353	74.000
9848.000	10.686	37.594	48.280	-25.690	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	40.679	43.833	-30.137	74.000
7386.000	9.627	37.571	47.198	-26.772	74.000
9848.000	10.686	36.976	47.662	-26.308	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	39.240	42.394	-31.576	74.000
7386.000	9.627	37.397	47.024	-26.946	74.000
9848.000	10.686	37.265	47.951	-26.019	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	40.327	43.481	-30.489	74.000
7386.000	9.627	36.981	46.608	-27.362	74.000
9848.000	10.686	37.756	48.442	-25.528	74.000
Average Detector					
--					

Note:
1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2412 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	39.547	42.473	-31.497	74.000
7236.000	9.472	37.903	47.374	-26.596	74.000
9648.000	10.512	37.605	48.117	-25.853	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	39.055	41.981	-31.989	74.000
7236.000	9.472	37.982	47.453	-26.517	74.000
9648.000	10.512	37.302	47.814	-26.156	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2412 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	38.622	41.548	-32.422	74.000
7236.000	9.472	37.333	46.804	-27.166	74.000
9648.000	10.512	38.086	48.598	-25.372	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	39.677	42.603	-31.367	74.000
7236.000	9.472	38.107	47.578	-26.392	74.000
9648.000	10.512	37.659	48.171	-25.799	74.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	41.323	44.359	-29.611	74.000
7311.000	9.557	37.269	46.826	-27.144	74.000
9748.000	10.600	36.249	46.849	-27.121	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	41.031	44.067	-29.903	74.000
7311.000	9.557	38.984	48.541	-25.429	74.000
9748.000	10.600	36.992	47.592	-26.378	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	38.600	41.636	-32.334	74.000
7311.000	9.557	37.335	46.892	-27.078	74.000
9748.000	10.600	37.683	48.283	-25.687	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	38.894	41.930	-32.040	74.000
7311.000	9.557	38.091	47.648	-26.322	74.000
9748.000	10.600	37.031	47.631	-26.339	74.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	37.394	40.548	-33.422	74.000
7386.000	9.627	36.846	46.473	-27.497	74.000
9848.000	10.686	36.293	46.979	-26.991	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	37.555	40.709	-33.261	74.000
7386.000	9.627	38.579	48.206	-25.764	74.000
9848.000	10.686	37.627	48.313	-25.657	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2462 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	37.357	40.511	-33.459	74.000
7386.000	9.627	36.656	46.283	-27.687	74.000
9848.000	10.686	37.408	48.094	-25.876	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	38.027	41.181	-32.789	74.000
7386.000	9.627	37.550	47.177	-26.793	74.000
9848.000	10.686	36.956	47.642	-26.328	74.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.
2.Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3.Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz.
4.Measurement Level = Reading Level + Correct Factor.
5.The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(2412 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	38.447	41.373	-32.597	74.000
7236.000	9.472	37.911	47.382	-26.588	74.000
9648.000	10.512	38.234	48.746	-25.224	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	38.892	41.818	-32.152	74.000
7236.000	9.472	38.089	47.560	-26.410	74.000
9648.000	10.512	37.527	48.039	-25.931	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	38.505	41.431	-32.539	74.000
7236.000	9.472	37.271	46.742	-27.228	74.000
9648.000	10.512	37.675	48.187	-25.783	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	39.410	42.336	-31.634	74.000
7236.000	9.472	37.976	47.447	-26.523	74.000
9648.000	10.512	37.237	47.749	-26.221	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(2412 MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4824.000	2.927	38.565	41.491	-32.479	74.000
7236.000	9.472	37.535	47.006	-26.964	74.000
9648.000	10.512	37.705	48.217	-25.753	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4824.000	2.927	38.824	41.750	-32.220	74.000
7236.000	9.472	38.137	47.608	-26.362	74.000
9648.000	10.512	37.186	47.698	-26.272	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	41.832	44.868	-29.102	74.000
7311.000	9.557	39.213	48.770	-25.200	74.000
9748.000	10.600	37.455	48.055	-25.915	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	38.678	41.714	-32.256	74.000
7311.000	9.557	37.483	47.040	-26.930	74.000
9748.000	10.600	37.250	47.850	-26.120	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	39.561	42.597	-31.373	74.000
7311.000	9.557	38.703	48.260	-25.710	74.000
9748.000	10.600	36.757	47.357	-26.613	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	39.592	42.628	-31.342	74.000
7311.000	9.557	37.750	47.307	-26.663	74.000
9748.000	10.600	37.764	48.364	-25.606	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4874.000	3.037	42.277	45.313	-28.657	74.000
7311.000	9.557	38.673	48.230	-25.740	74.000
9748.000	10.600	37.600	48.200	-25.770	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4874.000	3.037	39.429	42.465	-31.505	74.000
7311.000	9.557	37.038	46.595	-27.375	74.000
9748.000	10.600	37.010	47.610	-26.360	74.000
Average Detector					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	37.707	40.861	-33.109	74.000
7386.000	9.627	36.758	46.385	-27.585	74.000
9848.000	10.686	37.486	48.172	-25.798	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	38.069	41.223	-32.747	74.000
7386.000	9.627	36.854	46.481	-27.489	74.000
9848.000	10.686	36.492	47.178	-26.792	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	37.437	40.591	-33.379	74.000
7386.000	9.627	37.250	46.877	-27.093	74.000
9848.000	10.686	36.673	47.359	-26.611	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	37.780	40.934	-33.036	74.000
7386.000	9.627	37.022	46.649	-27.321	74.000
9848.000	10.686	36.806	47.492	-26.478	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(2462 MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
4924.000	3.154	38.111	41.265	-32.705	74.000
7386.000	9.627	37.182	46.809	-27.161	74.000
9848.000	10.686	36.638	47.324	-26.646	74.000
Average Detector					
--					
Vertical					
Peak Detector					
4924.000	3.154	37.340	40.494	-33.476	74.000
7386.000	9.627	36.928	46.555	-27.415	74.000
9848.000	10.686	36.686	47.372	-26.598	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11490.000	15.215	37.189	52.404	-21.566	74.000
17235.000	14.289	38.069	52.357	-21.613	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11490.000	15.215	39.197	54.412	-19.558	74.000
17235.000	14.289	38.392	52.680	-1.290	74.000
Average Detector					
11490.000	15.215	28.909	44.124	-9.846	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745 MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11490.000	15.215	38.393	53.608	-20.362	74.000
17235.000	14.289	36.141	50.429	-23.541	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11490.000	15.215	41.572	56.787	-17.183	74.000
17235.000	14.289	38.570	52.858	-21.112	74.000
Average Detector					
17235.000	14.289	27.974	42.262	-11.708	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11490.000	15.215	37.249	52.464	-21.506	74.000
17235.000	14.289	36.689	50.977	-22.993	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11490.000	15.215	40.880	56.095	-17.875	74.000
17235.000	14.289	36.695	50.983	-22.987	74.000
Average Detector					
11490.000	15.215	30.389	45.604	-8.366	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11570.000	15.312	36.743	52.054	-21.916	74.000
17355.000	16.307	36.712	53.019	-20.951	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11570.000	15.312	38.272	53.583	-20.387	74.000
17355.000	16.307	36.025	52.332	-21.638	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11570.000	15.312	37.814	53.125	-20.845	74.000
17355.000	16.307	36.756	53.063	-20.907	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11570.000	15.312	39.244	54.555	-19.415	74.000
17355.000	16.307	36.000	52.307	-21.663	74.000
Average Detector					
11570.000	15.312	29.632	44.943	-9.027	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11570.000	15.312	39.508	54.819	-19.151	74.000
17355.000	16.307	38.143	54.450	-19.520	74.000
Average Detector					
11570.000	15.312	27.838	43.149	-10.821	54.000
17355.000	16.307	27.258	43.565	-10.405	54.000
Vertical					
Peak Detector					
11570.000	15.312	39.264	54.575	-19.395	74.000
17355.000	16.307	38.930	55.237	-18.733	74.000
Average Detector					
11570.000	15.312	29.845	45.156	-8.814	54.000
17355.000	16.307	27.646	43.953	-10.017	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11650.000	15.408	37.468	52.876	-21.094	74.000
17475.000	18.140	35.035	53.175	-20.795	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11650.000	15.408	37.787	53.195	-20.775	74.000
17475.000	18.140	36.463	54.603	-19.367	74.000
Average Detector					
17475.000	18.140	26.225	44.365	-9.605	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11650.000	15.408	37.291	52.699	-21.271	74.000
17475.000	18.140	35.077	53.217	-20.753	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11650.000	15.408	38.032	53.440	-20.530	74.000
17475.000	18.140	34.996	53.136	-20.834	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11650.000	15.408	39.223	54.631	-19.339	74.000
17475.000	18.140	36.074	54.214	-19.756	74.000
Average Detector					
11650.000	15.408	27.332	42.740	-11.230	54.000
17475.000	18.140	26.050	44.190	-9.780	54.000
Vertical					
Peak Detector					
11650.000	15.408	38.823	54.231	-19.739	74.000
17475.000	18.140	36.337	54.477	-19.493	74.000
Average Detector					
11650.000	15.408	28.544	43.952	-10.018	54.000
17475.000	18.140	26.017	44.157	-9.813	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11510.000	15.237	37.628	52.865	-21.105	74.000
17265.000	14.796	36.936	51.732	-22.238	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11510.000	15.237	38.059	53.296	-20.674	74.000
17265.000	14.796	37.365	52.161	-21.809	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11510.000	15.237	37.453	52.690	-21.280	74.000
17265.000	14.796	36.638	51.434	-22.536	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11510.000	15.237	37.258	52.495	-21.475	74.000
17265.000	14.796	36.280	51.076	-22.894	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11510.000	15.237	38.261	53.498	-20.472	74.000
17265.000	14.796	36.904	51.700	-22.270	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11510.000	15.237	36.814	52.051	-21.919	74.000
17265.000	14.796	37.759	52.555	-21.415	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11590.000	15.333	37.233	52.566	-21.404	74.000
17385.000	16.811	36.291	53.101	-20.869	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11590.000	15.333	37.479	52.812	-21.158	74.000
17385.000	16.811	35.768	52.578	-21.392	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11590.000	15.333	37.206	52.539	-21.431	74.000
17385.000	16.811	34.935	51.745	-22.225	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11590.000	15.333	36.393	51.726	-22.244	74.000
17385.000	16.811	36.186	52.996	-20.974	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
11590.000	15.333	37.846	53.179	-20.791	74.000
17385.000	16.811	34.890	51.700	-22.270	74.000
Average Detector					
--					
Vertical					
Peak Detector					
11590.000	15.333	37.928	53.261	-20.709	74.000
17385.000	16.811	35.989	52.799	-21.171	74.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Receiver setting (Peak Detector) : RBW:1MHz; VBW:1MHz; Span:100MHz.
3. Receiver setting (AVG Detector) : RBW:1MHz; VBW:30Hz; Span:20MHz
4. Measurement Level = Reading Level + Correct Factor.
5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
117.300	11.968	22.853	34.821	-8.679	43.500
267.650	12.675	25.596	38.271	-7.729	46.000
306.450	12.791	24.288	37.079	-8.921	46.000
333.125	13.148	27.008	40.157	-5.843	46.000
667.750	19.199	16.814	36.012	-9.988	46.000
779.325	19.799	14.427	34.226	-11.774	46.000
Average Detector					
--					
Vertical					
Peak Detector					
214.300	9.744	25.118	34.862	-8.638	43.500
350.100	13.918	23.063	36.981	-9.019	46.000
398.600	16.812	19.400	36.212	-9.788	46.000
561.075	19.857	16.962	36.819	-9.181	46.000
842.375	19.778	11.955	31.733	-14.267	46.000
932.100	22.385	8.600	30.985	-15.015	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785 MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
306.450	12.791	23.770	36.561	-9.439	46.000
420.425	16.611	20.019	36.630	-9.370	46.000
512.575	17.780	19.459	37.239	-8.761	46.000
667.775	19.196	17.750	36.946	-9.054	46.000
839.950	20.351	13.712	34.063	-11.937	46.000
992.400	21.716	12.042	33.758	-20.242	54.000
Average Detector					
--					
Vertical					
Peak Detector					
333.125	13.199	26.966	40.165	-5.835	46.000
459.225	17.123	16.642	33.766	-12.234	46.000
561.075	19.857	16.352	36.209	-9.791	46.000
701.725	19.225	18.120	37.345	-8.655	46.000
839.950	19.769	12.747	32.516	-13.484	46.000
932.100	22.385	9.328	31.713	-14.287	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
233.700	10.174	18.752	28.926	-17.074	46.000
267.650	12.675	24.723	37.398	-8.602	46.000
333.125	13.148	24.457	37.606	-8.394	46.000
459.225	17.286	22.043	39.330	-6.670	46.000
498.025	17.096	22.039	39.135	-6.865	46.000
599.875	18.534	16.288	34.822	-11.178	46.000
Average Detector					
--					
Vertical					
Peak Detector					
265.225	13.404	24.607	38.011	-7.989	46.000
333.125	13.199	26.458	39.657	-6.343	46.000
459.225	17.123	17.889	35.013	-10.987	46.000
500.450	17.034	20.341	37.375	-8.625	46.000
662.925	18.538	14.376	32.915	-13.085	46.000
839.950	19.769	11.980	31.749	-14.251	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. “ ” means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
265.225	13.015	24.493	37.508	-8.492	46.000
306.450	12.791	24.280	37.071	-8.929	46.000
398.600	15.304	23.404	38.708	-7.292	46.000
459.250	17.284	22.278	39.563	-6.437	46.000
500.450	17.032	22.251	39.283	-6.717	46.000
662.825	19.272	17.505	36.777	-9.223	46.000
Average Detector					
--					
Vertical					
Peak Detector					
267.650	13.185	23.993	37.178	-8.822	46.000
350.100	13.918	25.376	39.294	-6.706	46.000
401.025	17.145	19.153	36.298	-9.702	46.000
493.175	17.139	20.379	37.518	-8.482	46.000
662.925	18.538	16.221	34.760	-11.240	46.000
699.300	19.102	19.916	39.018	-6.982	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
122.150	12.045	22.655	34.700	-8.800	43.500
267.650	12.675	25.055	37.730	-8.270	46.000
306.450	12.791	27.915	40.706	-5.294	46.000
512.575	17.780	19.056	36.836	-9.164	46.000
772.050	20.149	14.410	34.559	-11.441	46.000
992.725	21.689	16.052	37.740	-16.260	54.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	28.688	37.641	-5.859	43.500
265.225	13.404	24.251	37.655	-8.345	46.000
398.600	16.812	19.491	36.303	-9.697	46.000
568.350	19.922	18.937	38.859	-7.141	46.000
772.050	20.899	12.791	33.690	-12.310	46.000
844.800	19.886	11.409	31.295	-14.705	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
117.300	11.968	22.022	33.990	-9.510	43.500
267.650	12.675	24.618	37.293	-8.707	46.000
401.250	15.470	24.151	39.622	-6.378	46.000
662.825	19.272	17.078	36.350	-9.650	46.000
864.200	20.545	12.711	33.256	-12.744	46.000
932.100	21.085	11.728	32.813	-13.187	46.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	28.824	37.777	-5.723	43.500
265.225	13.404	23.921	37.325	-8.675	46.000
306.450	12.703	23.483	36.186	-9.814	46.000
500.450	17.034	19.377	36.411	-9.589	46.000
709.000	19.671	16.593	36.264	-9.736	46.000
779.325	20.649	12.693	33.342	-12.658	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
122.150	12.045	21.242	33.287	-10.213	43.500
267.650	12.675	23.480	36.155	-9.845	46.000
333.125	13.148	25.876	39.025	-6.975	46.000
662.925	19.263	17.404	36.667	-9.333	46.000
903.100	20.361	13.604	33.965	-12.035	46.000
961.200	21.119	19.180	40.299	-13.701	54.000
Average Detector					
--					
Vertical					
Peak Detector					
122.150	11.274	25.592	36.866	-6.634	43.500
333.125	13.199	27.421	40.620	-5.380	46.000
568.350	19.922	18.278	38.200	-7.800	46.000
701.725	19.225	17.354	36.579	-9.421	46.000
842.375	19.778	12.585	32.363	-13.637	46.000
961.200	21.219	19.158	40.377	-13.623	54.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
267.650	12.675	24.703	37.378	-8.622	46.000
333.125	13.148	27.381	40.530	-5.470	46.000
500.450	17.032	21.475	38.507	-7.493	46.000
662.925	19.263	17.692	36.955	-9.045	46.000
779.325	19.799	16.310	36.109	-9.891	46.000
903.000	20.350	15.225	35.575	-10.425	46.000
Average Detector					
--					
Vertical					
Peak Detector					
124.575	10.527	27.629	38.156	-5.344	43.500
202.175	8.953	28.699	37.652	-5.848	43.500
333.125	13.199	27.426	40.625	-5.375	46.000
459.225	17.123	17.204	34.328	-11.672	46.000
704.150	19.246	19.197	38.443	-7.557	46.000
961.200	21.219	21.111	42.330	-11.670	54.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437 MHz) (Antenna A) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
265.225	13.015	21.767	34.782	-11.218	46.000
299.175	13.082	21.309	34.391	-11.609	46.000
362.225	14.354	19.698	34.052	-11.948	46.000
527.125	17.210	16.648	33.858	-12.142	46.000
667.775	19.196	17.540	36.736	-9.264	46.000
796.300	20.444	14.046	34.490	-11.510	46.000
Average Detector					
--					
Vertical					
Peak Detector					
214.300	9.744	23.259	33.003	-10.497	43.500
393.750	16.464	19.299	35.763	-10.237	46.000
599.875	20.433	12.645	33.078	-12.922	46.000
667.775	18.482	15.913	34.395	-11.605	46.000
772.050	20.899	12.383	33.282	-12.718	46.000
900.575	21.941	14.166	36.107	-9.893	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(5785 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
267.650	12.675	25.126	37.801	-8.199	46.000
333.125	13.148	24.665	37.814	-8.186	46.000
401.025	15.491	22.672	38.163	-7.837	46.000
459.225	17.286	22.169	39.456	-6.544	46.000
500.450	17.032	21.127	38.159	-7.841	46.000
565.925	17.863	20.261	38.125	-7.875	46.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	28.972	37.925	-5.575	43.500
265.250	13.402	23.792	37.194	-8.806	46.000
333.125	13.199	25.535	38.734	-7.266	46.000
565.925	19.946	16.287	36.233	-9.767	46.000
662.925	18.538	16.468	35.007	-10.993	46.000
769.625	21.085	13.927	35.012	-10.988	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785 MHz) (Antenna B)(Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
265.225	13.015	24.724	37.739	-8.261	46.000
333.125	13.148	24.807	37.956	-8.044	46.000
459.225	17.286	21.411	38.698	-7.302	46.000
500.450	17.032	21.489	38.521	-7.479	46.000
839.950	20.351	14.091	34.442	-11.558	46.000
961.200	21.119	19.101	40.220	-13.780	54.000
Average Detector					
--					
Vertical					
Peak Detector					
124.575	10.527	17.674	28.201	-15.299	43.500
202.175	8.953	29.067	38.020	-5.480	43.500
333.125	13.199	25.509	38.708	-7.292	46.000
381.625	15.526	22.284	37.810	-8.190	46.000
706.575	19.561	17.168	36.729	-9.271	46.000
961.200	21.219	18.566	39.785	-14.215	54.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. “ ” means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785 MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
265.225	13.015	21.985	35.000	-11.000	46.000
299.175	13.082	22.245	35.327	-10.673	46.000
381.625	14.553	24.047	38.600	-7.400	46.000
500.450	17.032	21.710	38.742	-7.258	46.000
561.075	18.084	17.500	35.584	-10.416	46.000
915.125	20.706	17.544	38.250	-7.750	46.000
Average Detector					
--					
Vertical					
Peak Detector					
333.125	13.199	25.351	38.550	-7.450	46.000
459.225	17.123	17.841	34.965	-11.035	46.000
565.925	19.946	15.009	34.955	-11.045	46.000
662.925	18.538	15.621	34.160	-11.840	46.000
709.000	19.671	17.007	36.678	-9.322	46.000
844.800	19.886	18.919	38.805	-7.195	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. “ ” means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
141.550	11.113	20.337	31.450	-12.050	43.500
267.650	12.675	24.387	37.062	-8.938	46.000
333.125	13.148	26.319	39.468	-6.532	46.000
401.025	15.491	23.781	39.272	-6.728	46.000
500.450	17.032	21.188	38.220	-7.780	46.000
910.275	20.582	12.762	33.344	-12.656	46.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	28.606	37.559	-5.941	43.500
265.225	13.404	23.097	36.501	-9.499	46.000
333.125	13.199	24.412	37.611	-8.389	46.000
495.600	17.165	18.841	36.006	-9.994	46.000
568.350	19.922	16.745	36.667	-9.333	46.000
769.625	21.085	15.514	36.599	-9.401	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755 MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
333.125	13.148	24.302	37.451	-8.549	46.000
459.225	17.286	20.718	38.005	-7.995	46.000
565.925	17.863	19.104	36.968	-9.032	46.000
665.350	19.232	18.608	37.840	-8.160	46.000
876.325	20.286	18.374	38.660	-7.340	46.000
961.200	21.119	18.991	40.110	-13.890	54.000
Average Detector					
--					
Vertical					
Peak Detector					
163.375	8.844	29.355	38.199	-5.301	43.500
265.225	13.404	21.528	34.932	-11.068	46.000
333.125	13.199	25.101	38.300	-7.700	46.000
381.625	15.526	22.849	38.375	-7.625	46.000
565.925	19.946	18.169	38.115	-7.885	46.000
798.725	20.219	12.291	32.509	-13.491	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755 MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
265.225	13.015	23.185	36.200	-9.800	46.000
333.125	13.148	25.402	38.551	-7.449	46.000
425.275	16.569	20.589	37.158	-8.842	46.000
490.750	17.011	21.994	39.005	-6.995	46.000
662.925	19.263	17.416	36.679	-9.321	46.000
915.125	20.706	17.630	38.336	-7.664	46.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	24.502	33.455	-10.045	43.500
267.650	13.185	20.920	34.105	-11.895	46.000
318.575	12.986	22.569	35.555	-10.445	46.000
459.225	17.123	17.411	34.535	-11.465	46.000
599.875	20.433	14.547	34.980	-11.020	46.000
839.950	19.769	15.007	34.776	-11.224	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795 MHz) (Antenna B) (Ch.A)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
267.650	12.675	23.018	35.693	-10.307	46.000
333.125	13.148	24.261	37.410	-8.590	46.000
401.025	15.491	23.123	38.614	-7.386	46.000
546.525	19.232	17.703	36.934	-9.066	46.000
667.775	19.196	18.454	37.650	-8.350	46.000
881.175	20.466	19.194	39.660	-6.340	46.000
Average Detector					
--					
Vertical					
Peak Detector					
197.325	8.625	29.478	38.103	-5.397	43.500
398.600	16.812	20.202	37.014	-8.986	46.000
490.750	17.011	18.655	35.666	-10.334	46.000
563.500	19.869	16.847	36.716	-9.284	46.000
662.925	18.538	15.987	34.526	-11.474	46.000
934.525	22.348	7.280	29.628	-16.372	46.000
Average Detector					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795 MHz) (Antenna B) (Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
267.650	12.675	22.226	34.901	-11.099	46.000
318.575	12.650	21.700	34.350	-11.650	46.000
374.350	14.851	19.427	34.278	-11.722	46.000
449.525	16.981	16.018	32.999	-13.001	46.000
531.975	17.402	15.168	32.570	-13.430	46.000
849.650	20.609	16.341	36.950	-9.050	46.000
Average Detector					
--					
Vertical					
Peak Detector					
299.175	12.699	19.775	32.474	-13.526	46.000
335.550	13.231	22.514	35.745	-10.255	46.000
459.225	17.123	17.638	34.762	-11.238	46.000
599.875	20.433	13.783	34.216	-11.784	46.000
769.625	21.085	13.618	34.703	-11.297	46.000
890.875	21.279	18.831	40.110	-5.890	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

Product : Notebook P.C.
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795 MHz) (Antenna B) (Ch.A+Ch.B)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector					
333.125	13.148	21.420	34.569	-11.431	46.000
381.625	14.553	21.127	35.680	-10.320	46.000
662.925	19.263	15.406	34.669	-11.331	46.000
696.875	19.339	12.344	31.683	-14.317	46.000
915.125	20.706	13.563	34.269	-11.731	46.000
961.200	21.119	16.247	37.366	-16.634	54.000
Average Detector					
--					
Vertical					
Peak Detector					
202.175	8.953	23.738	32.691	-10.809	43.500
318.575	12.986	21.071	34.057	-11.943	46.000
495.600	17.165	19.356	36.521	-9.479	46.000
599.875	20.433	13.790	34.223	-11.777	46.000
699.300	19.102	16.589	35.691	-10.309	46.000
839.950	19.769	14.345	34.114	-11.886	46.000
Average Detector					
--					

Note:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2. " " means the worst emission level.

3. Measurement Level = Reading Level + Correct Factor.

4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.

5. Band Edge

5.1. Test Equipment

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

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Test Receiver	R & S	ESI 26 / 838786 / 004	May, 2007
X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2007
X	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2007
X	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	May, 2007
X	Horn Antenna	ETS	3115 / 0005-6160	July, 2006
X	Pre-Amplifier	QTK	QTK-AMP-01 / 0001	July, 2006

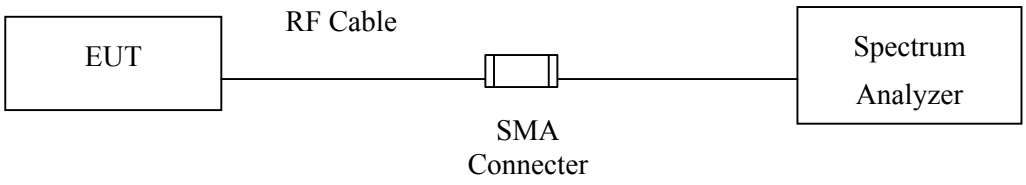
Test Site: Site 3

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

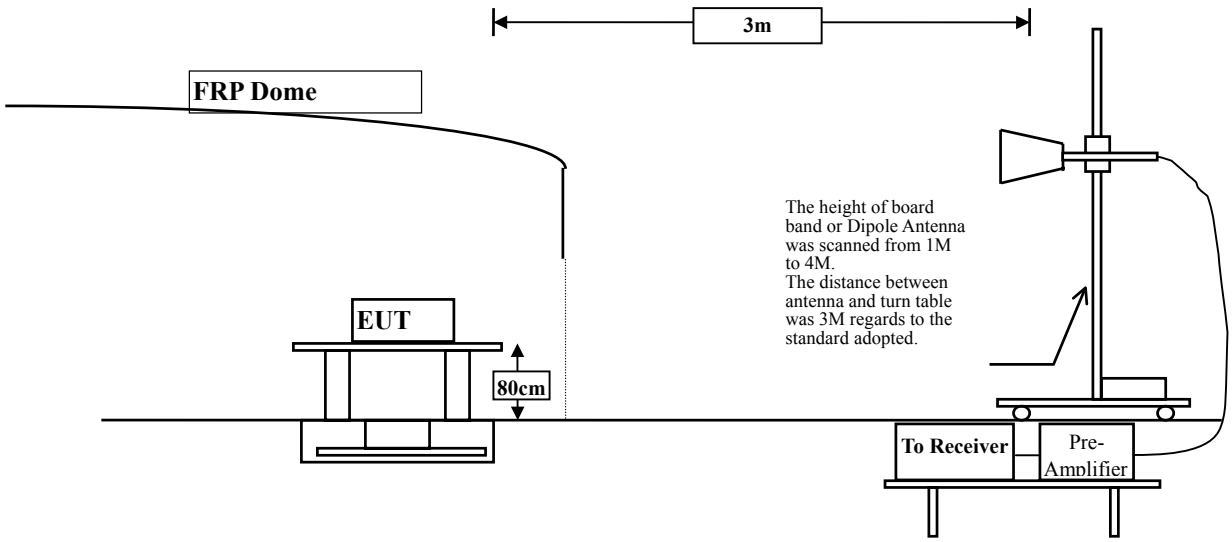
2. The test instruments marked by "X" are used to measure the final test results.

5.2. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.

5.5. Uncertainty

Conducted is ± 1.27 dB
Radiated is ± 3.9 dB

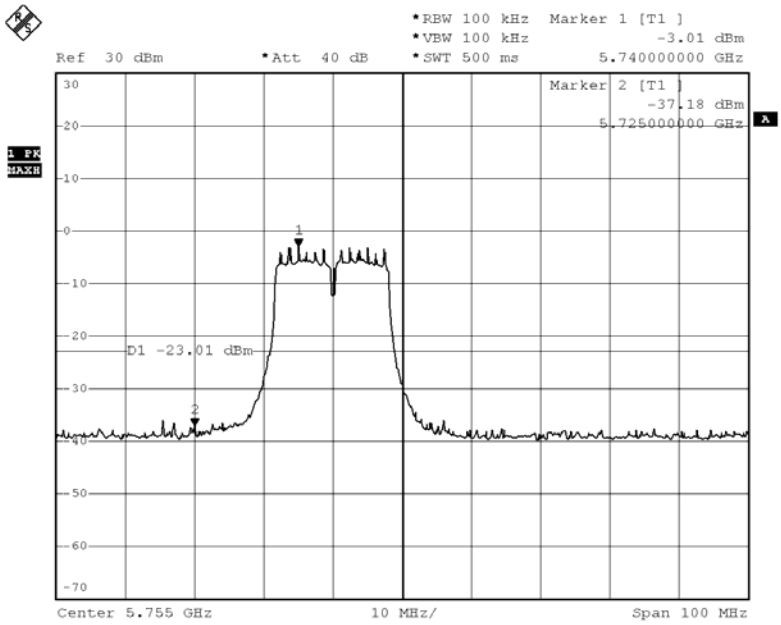
5.6. Test Result of Band Edge

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:



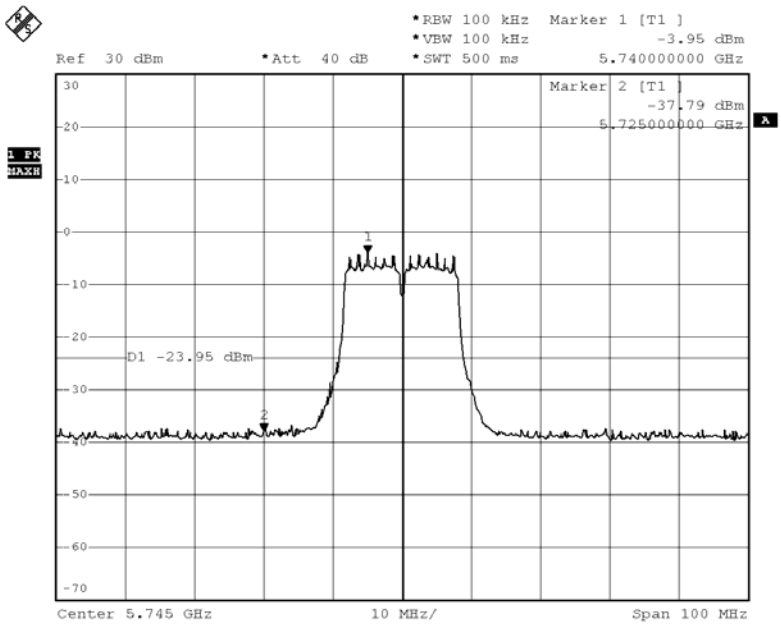
PN1
Date: 24.APR.2007 10:40:39

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

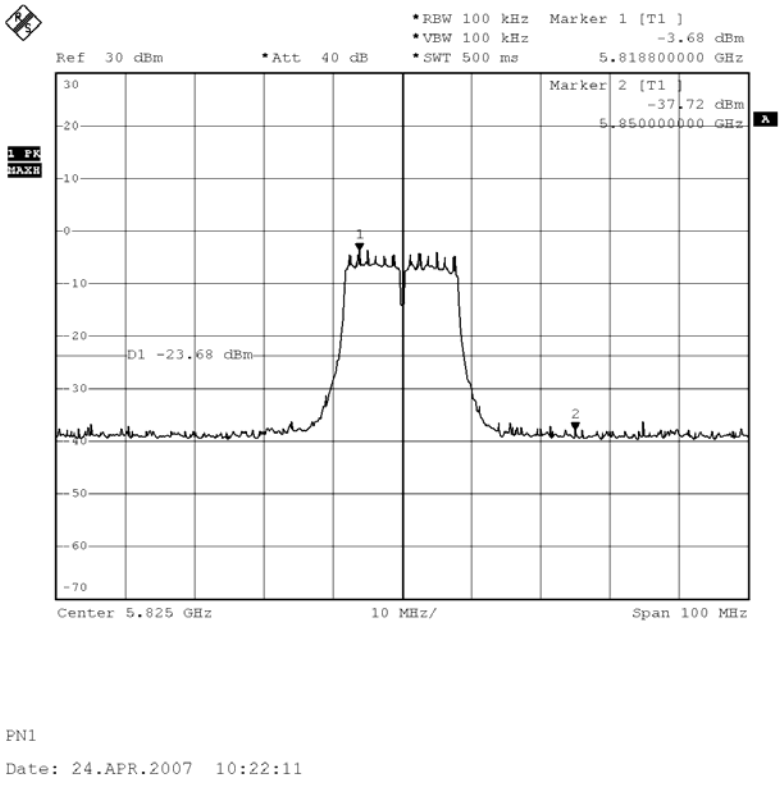


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	> 5850	>20	Pass

Figure Channel 05:

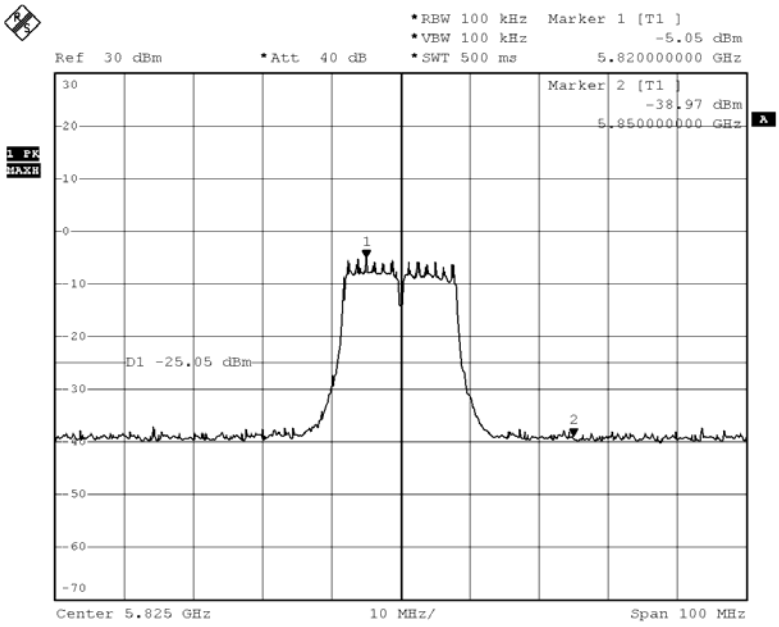


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B) (Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	> 5850	>20	Pass

Figure Channel 05:

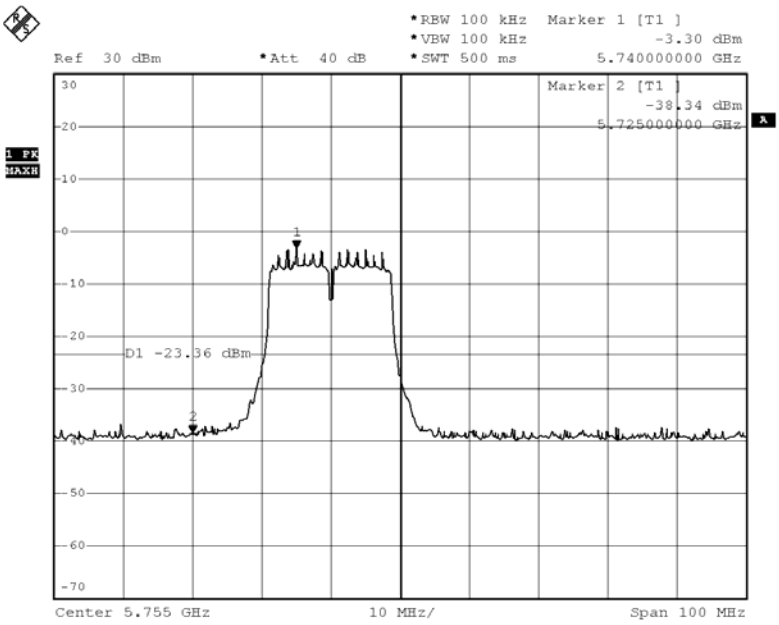


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(5745MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

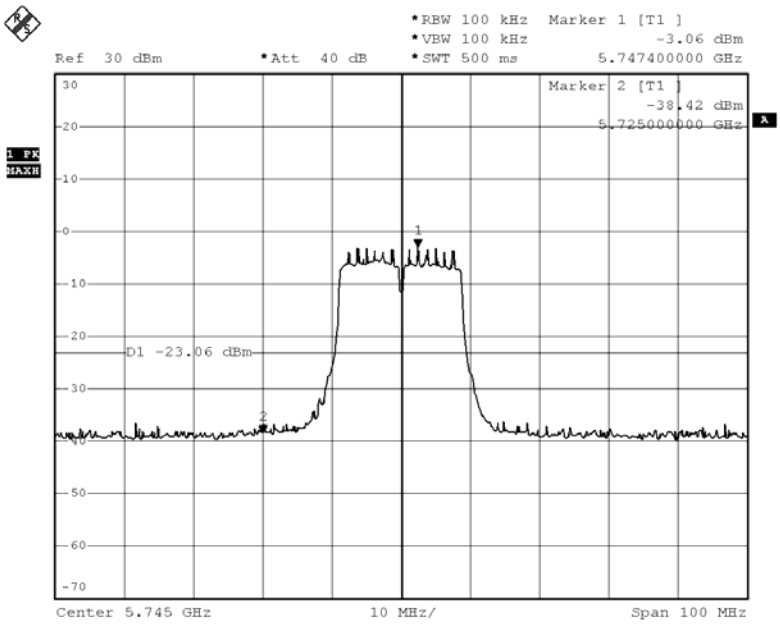


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

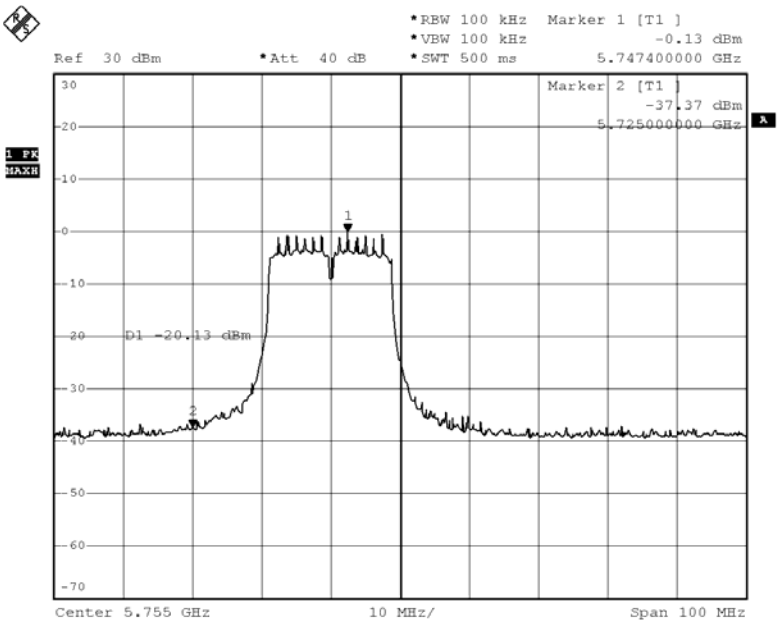


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(5745MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.A)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

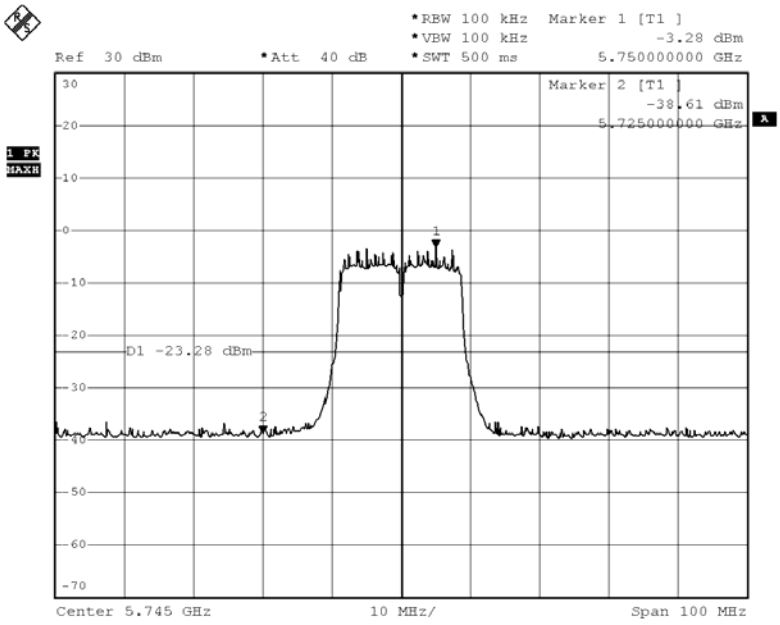


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(5745MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.B)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

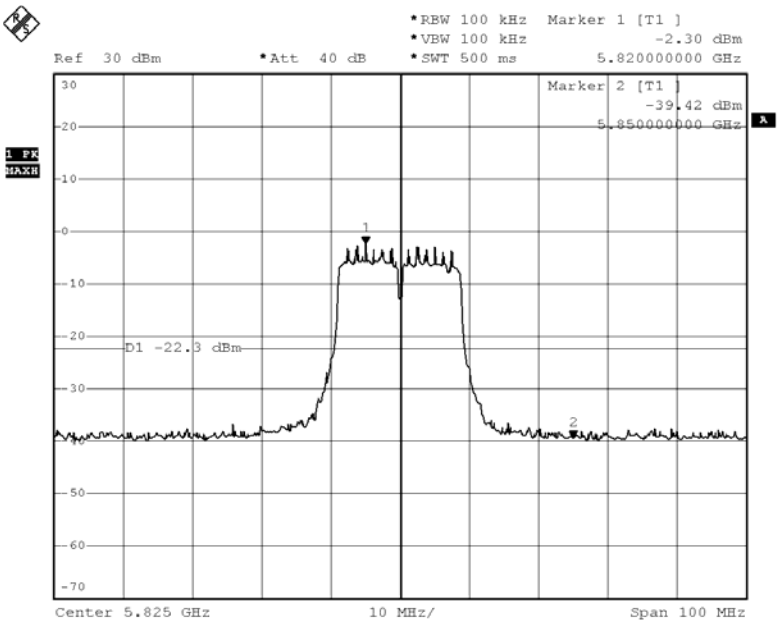


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
5	> 5850	>20	Pass

Figure Channel 05:

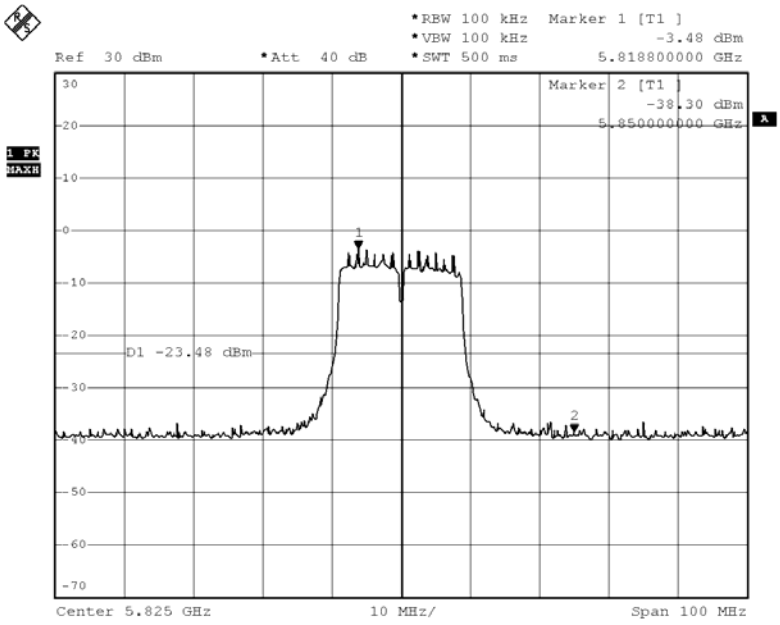


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
5	> 5850	>20	Pass

Figure Channel 05:

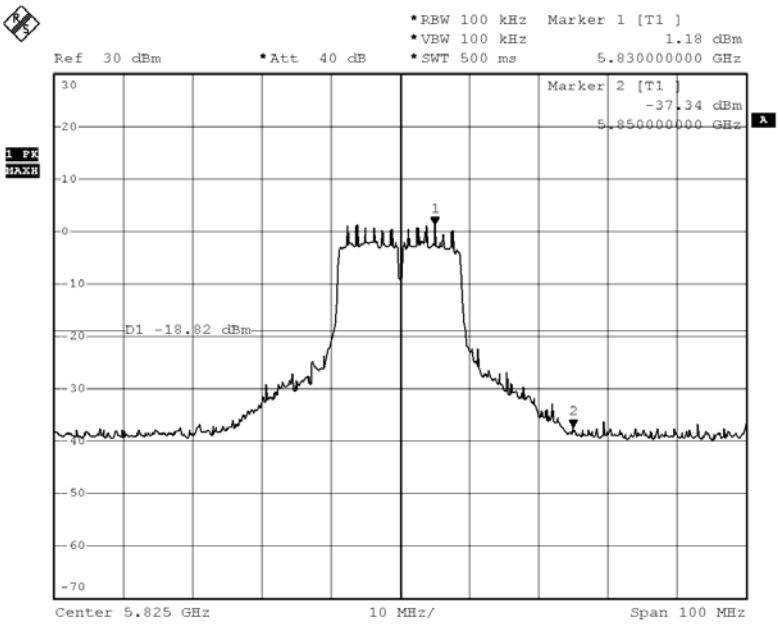


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.A)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	> 5850	>20	Pass

Figure Channel 05:

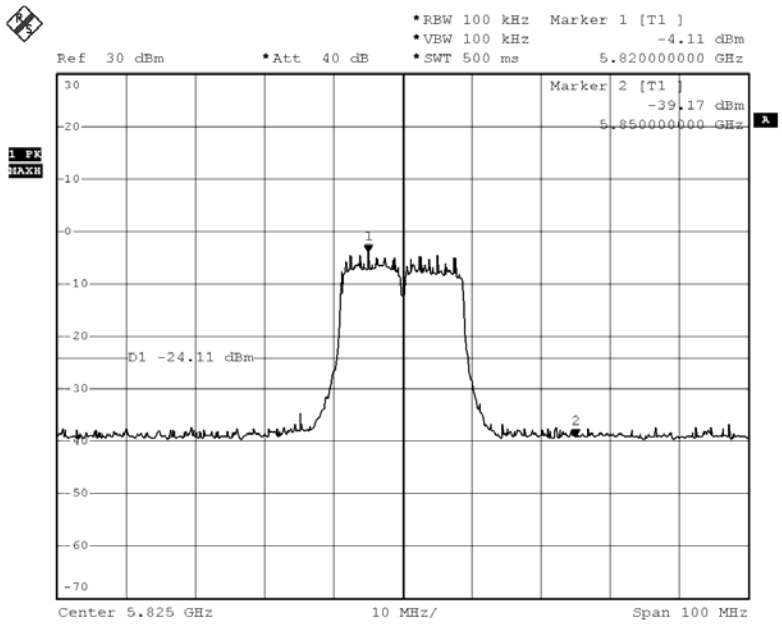


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.B)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	> 5850	>20	Pass

Figure Channel 05:

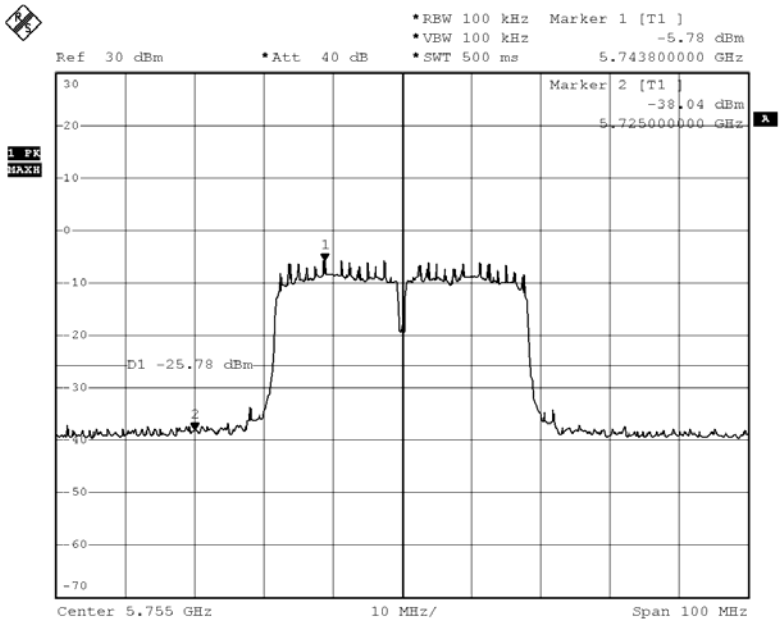


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

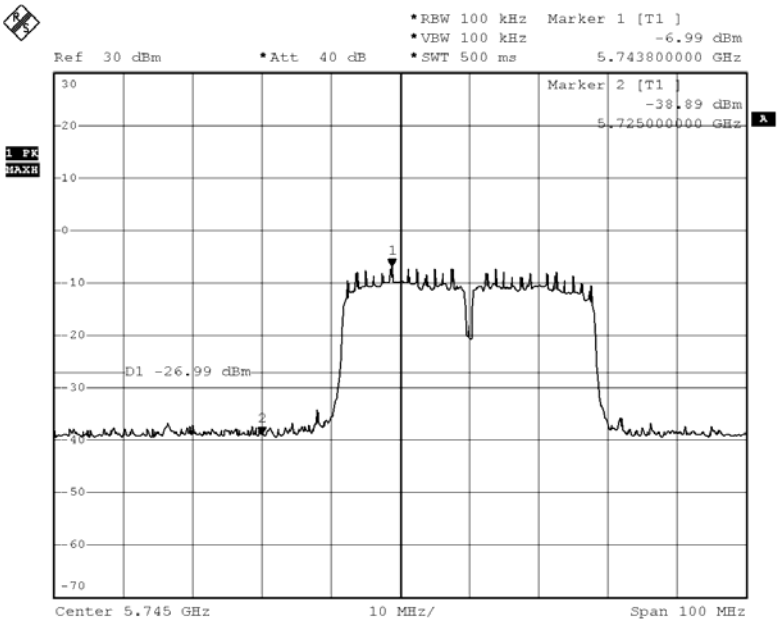


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B) (Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

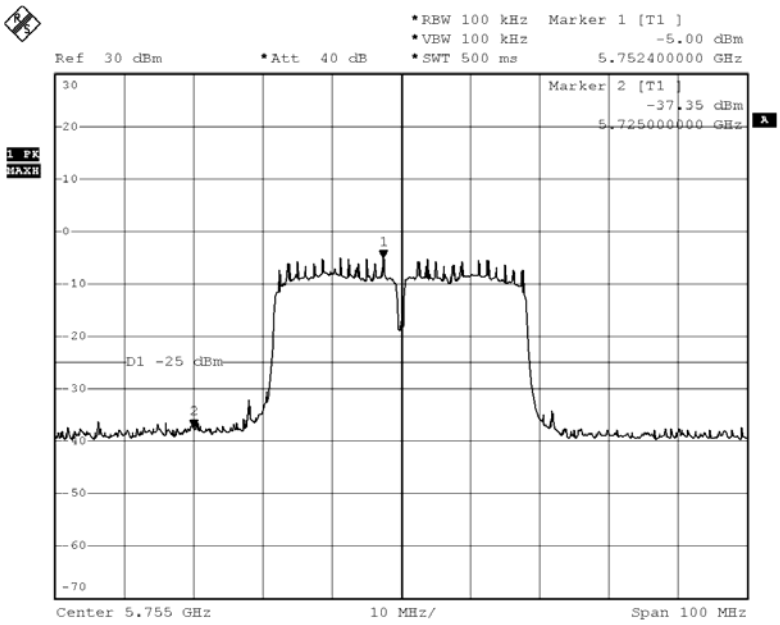


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.A)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

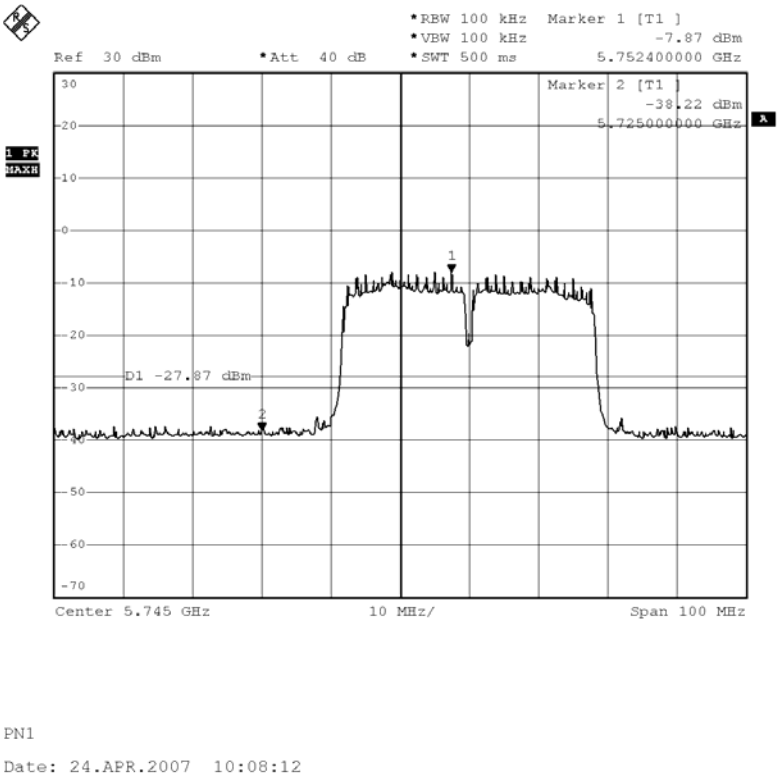


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.B)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	< 5725	>20	Pass

Figure Channel 01:

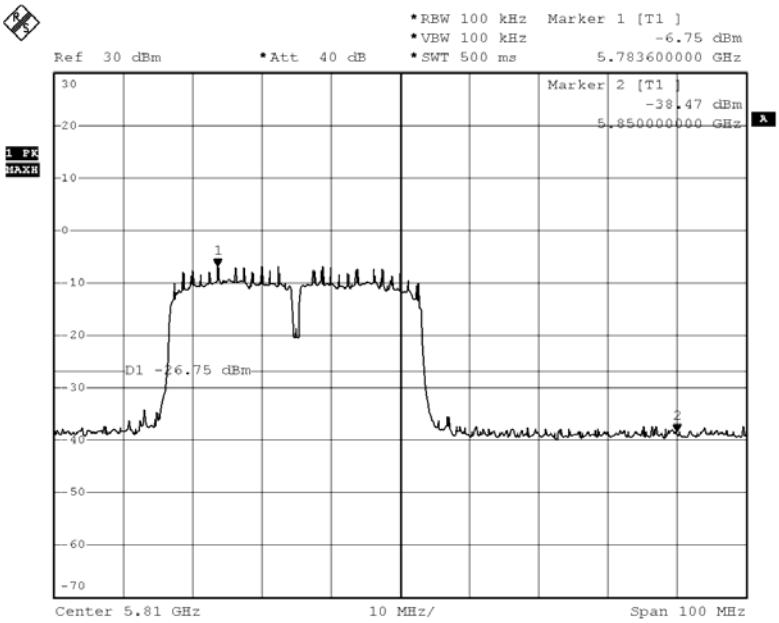


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795MHz) (Antenna B) (Ch.A)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
02	> 5850	>20	Pass

Figure Channel 02:

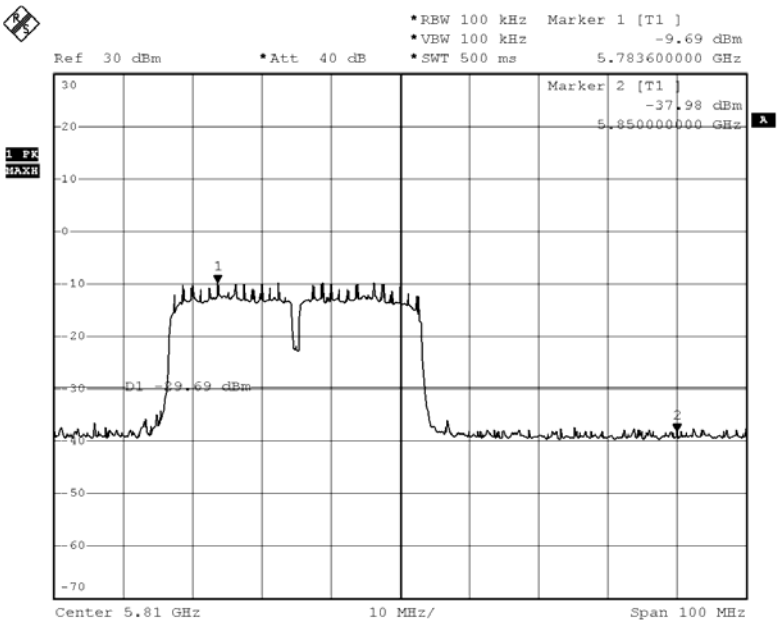


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795MHz) (Antenna B)(Ch.B)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
02	> 5850	>20	Pass

Figure Channel 02:

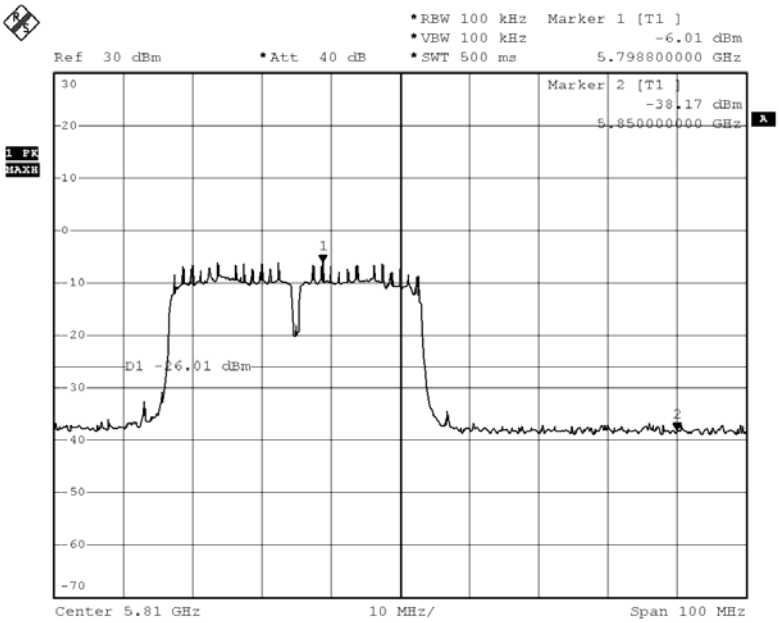


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.A)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
02	> 5850	>20	Pass

Figure Channel 02:

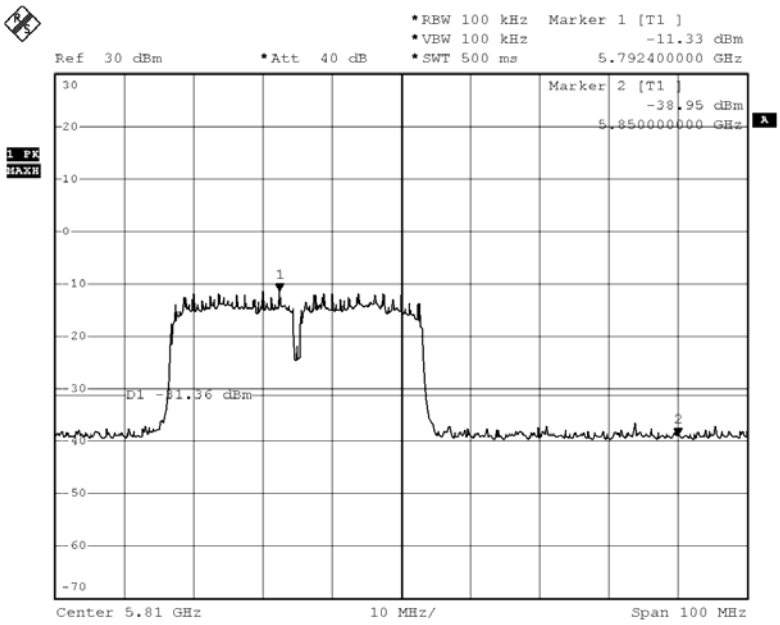


Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5795MHz) (Antenna B) (Ch.A+Ch.B)

RF Conducted Measurement: (Ch.B)

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
02	> 5850	>20	Pass

Figure Channel 02:



Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.A)

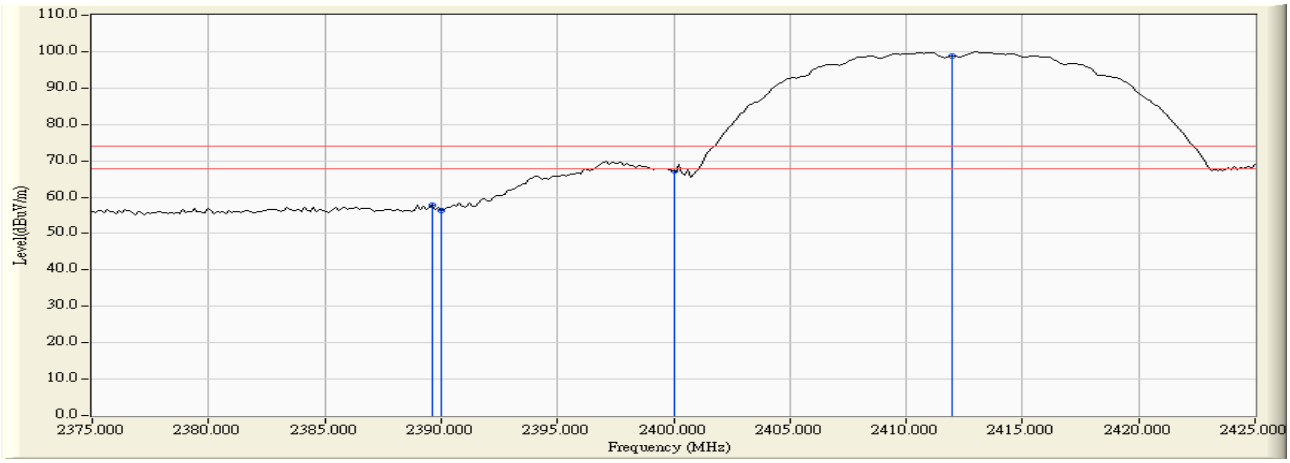
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass

RF Radiated Measurement (Horizontal):

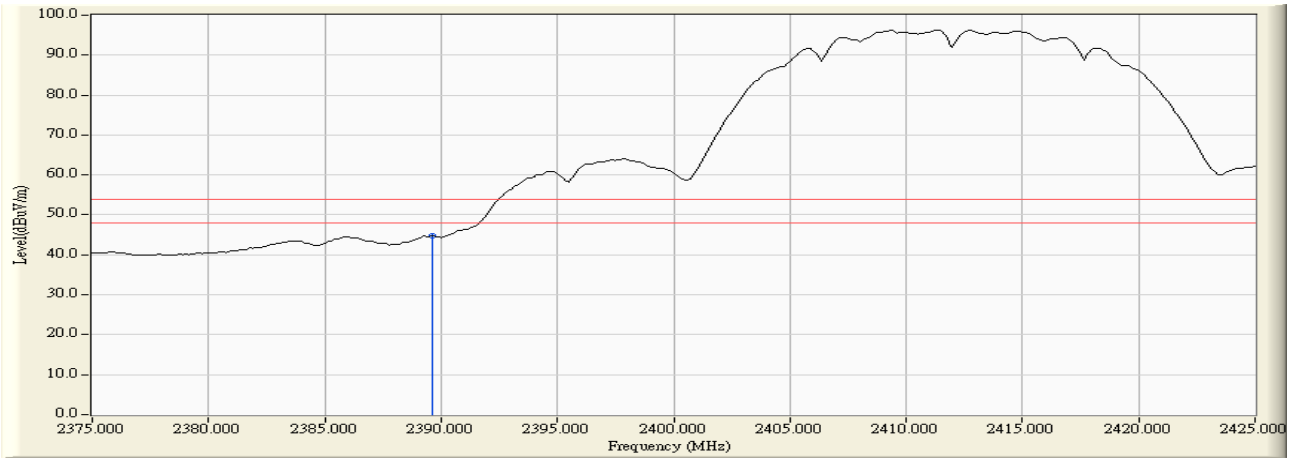
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.625	-2.406	60.173	57.767	74.00	54.00	Pass
1 (Average)	2389.625	-2.406	47.124	44.718	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.A)

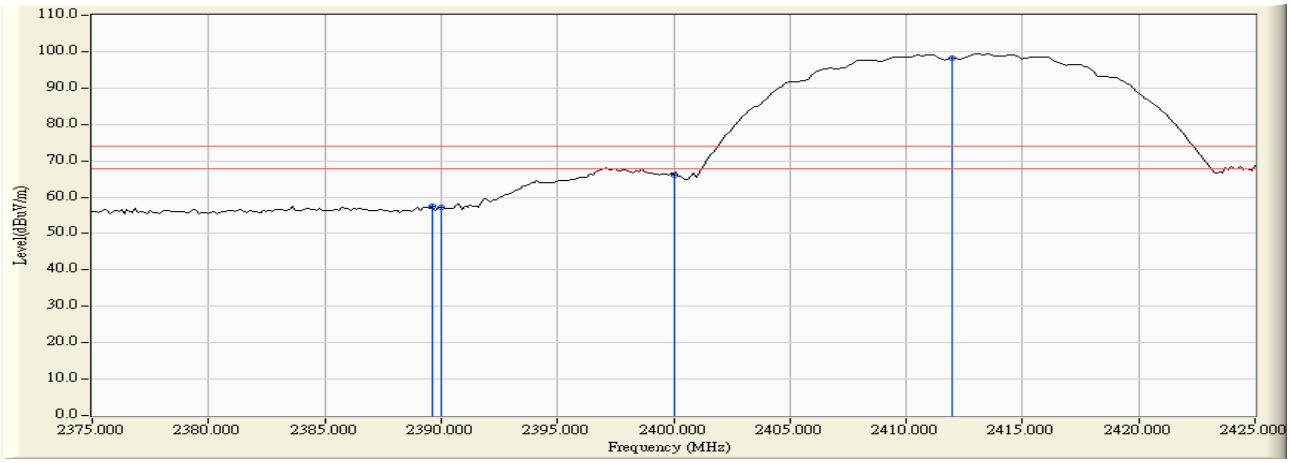
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	<2400	>20	Pass

RF Radiated Measurement (Vertical):

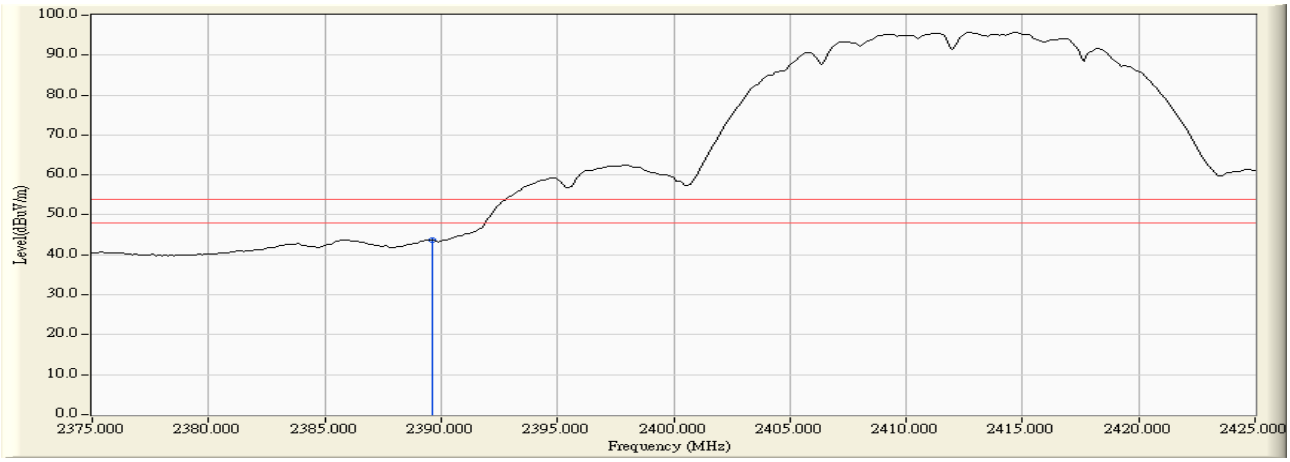
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.625	-2.406	60.038	57.632	74.00	54.00	Pass
1 (Average)	2389.625	-2.406	45.994	43.588	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.B)

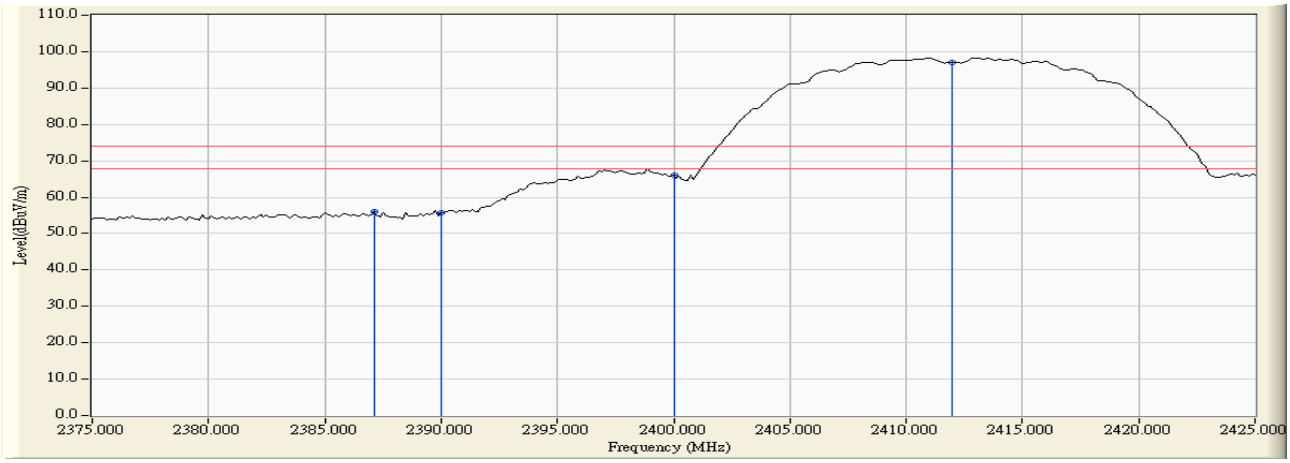
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass

RF Radiated Measurement (Horizontal):

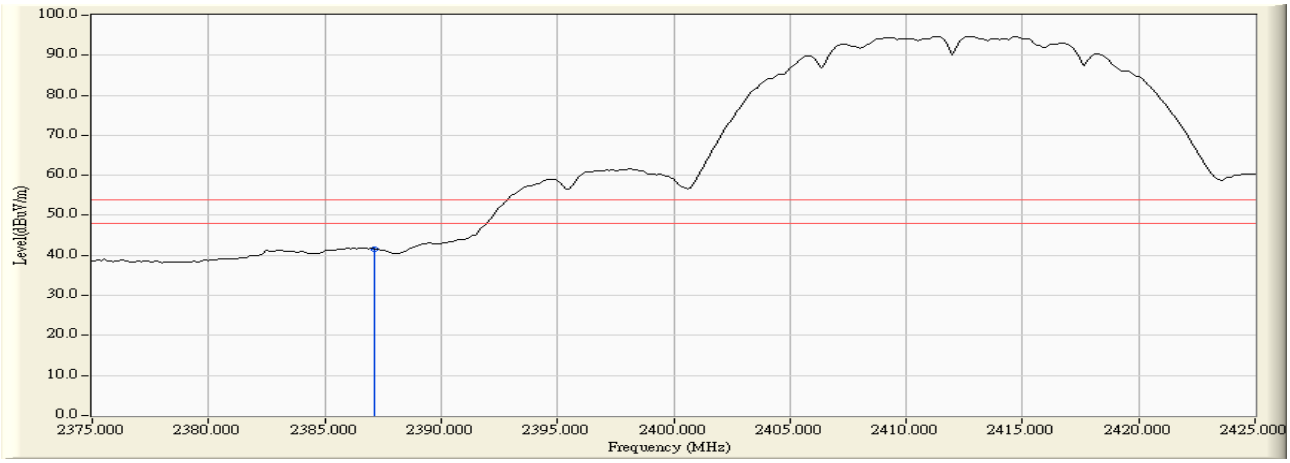
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2387.125	-2.415	58.386	55.971	74.00	54.00	Pass
1 (Average)	2387.125	-2.415	44.058	41.643	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.B)

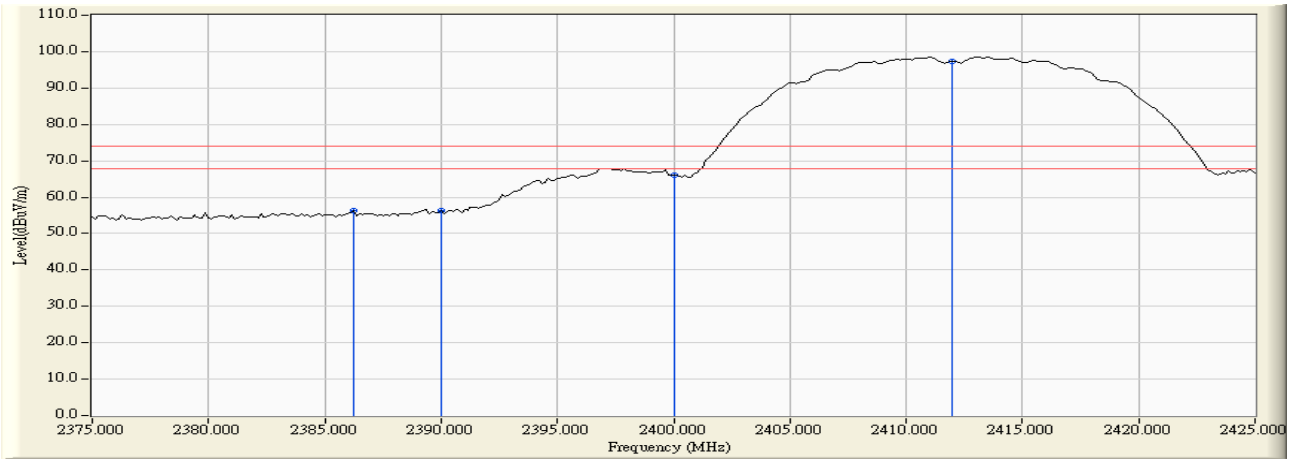
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	<2400	>20	Pass

RF Radiated Measurement (Vertical):

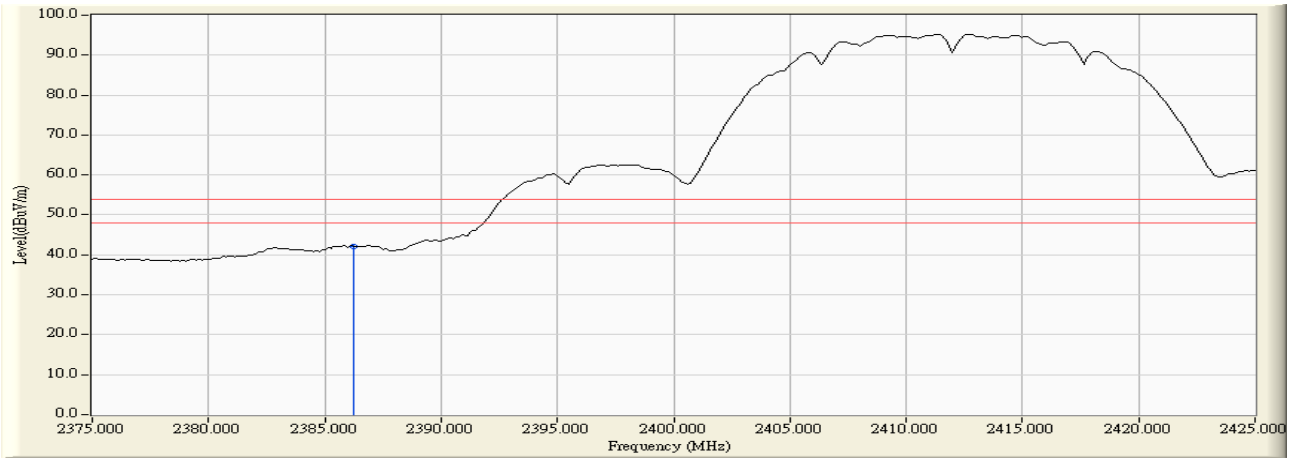
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2386.250	-2.418	58.761	56.343	74.00	54.00	Pass
1 (Average)	2386.250	-2.418	44.541	42.123	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.A)

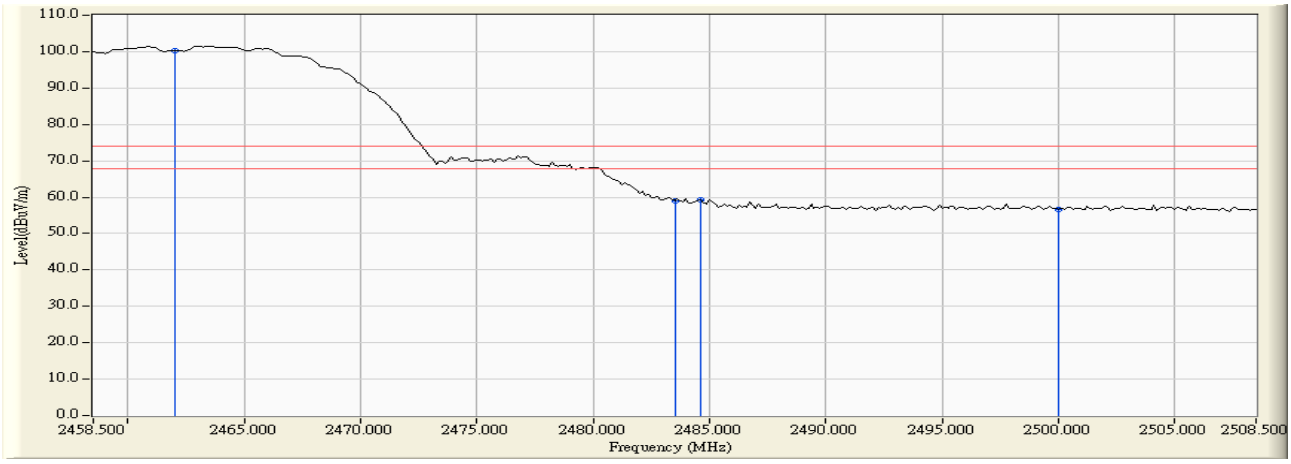
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

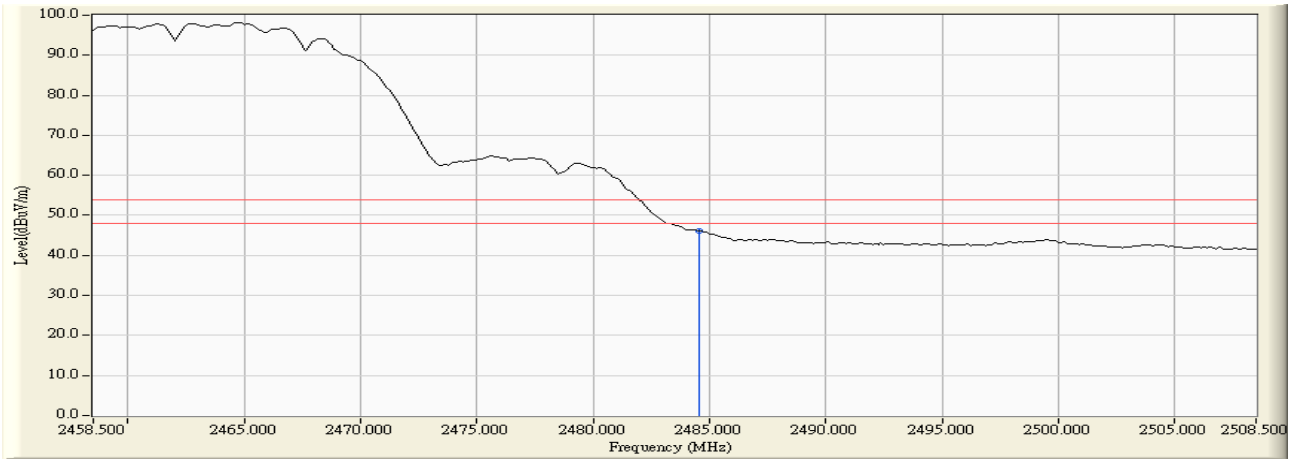
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Peak)	2484.625	-1.984	61.394	59.410	74.00	54.00	Pass
11(Average)	2484.625	-1.984	48.211	46.227	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.A)

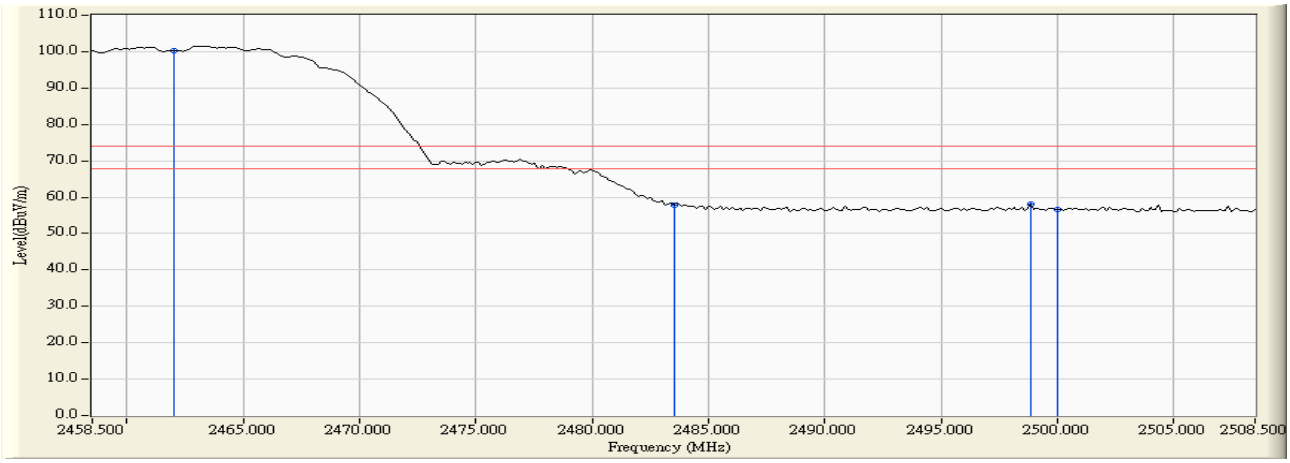
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

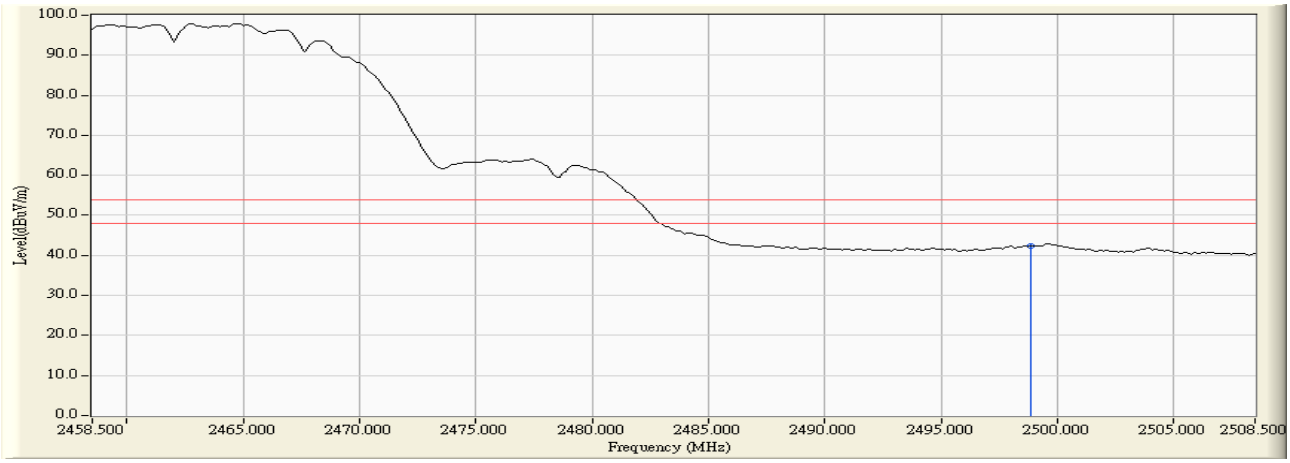
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11(Peak)	2498.875	-1.935	60.074	58.139	74.00	54.00	Pass
11(Average)	2498.875	-1.935	44.182	42.247	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.B)

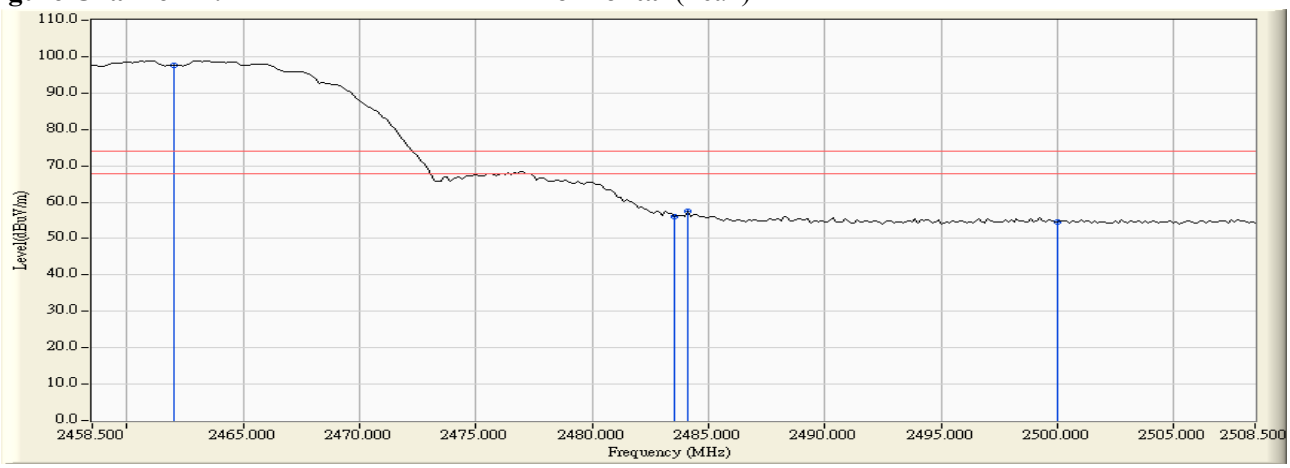
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

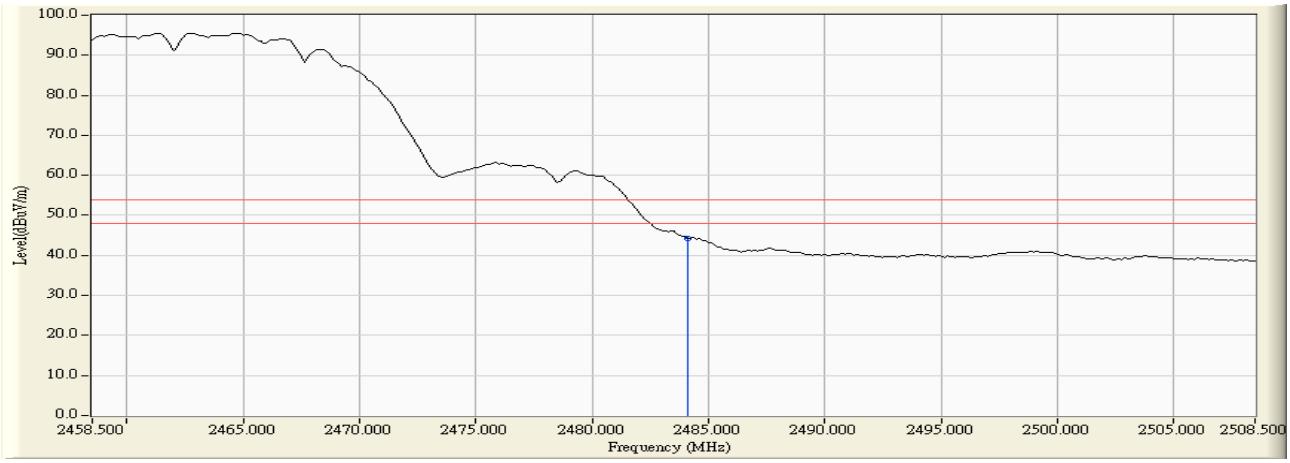
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2484.125	-1.985	59.504	57.519	74.00	54.00	Pass
11(Average)	2484.125	-1.985	46.211	44.226	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.B)

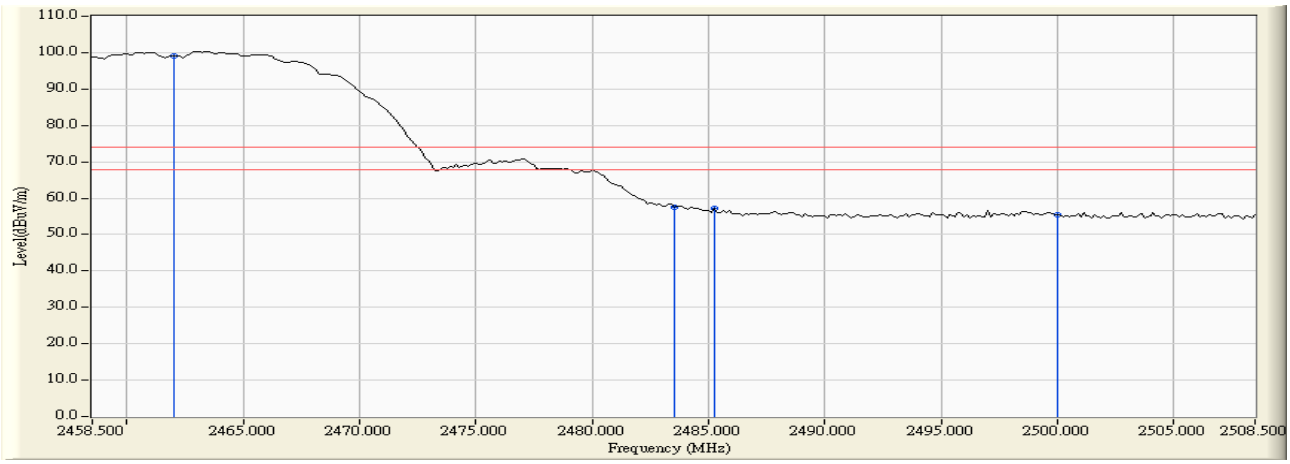
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

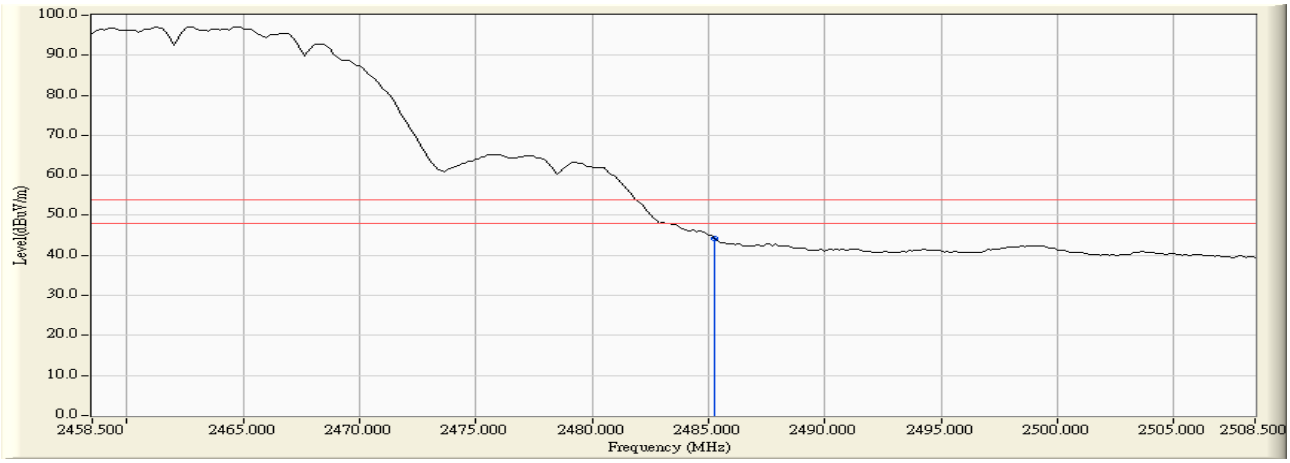
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2485.250	-1.982	59.193	57.211	74.00	54.00	Pass
11(Average)	2485.250	-1.982	46.220	44.238	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.A)

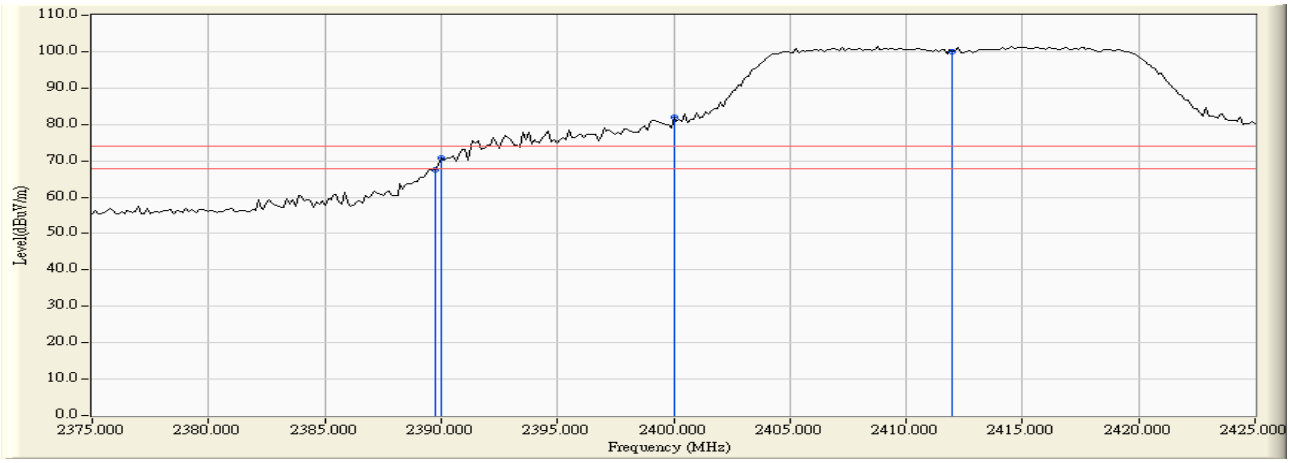
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

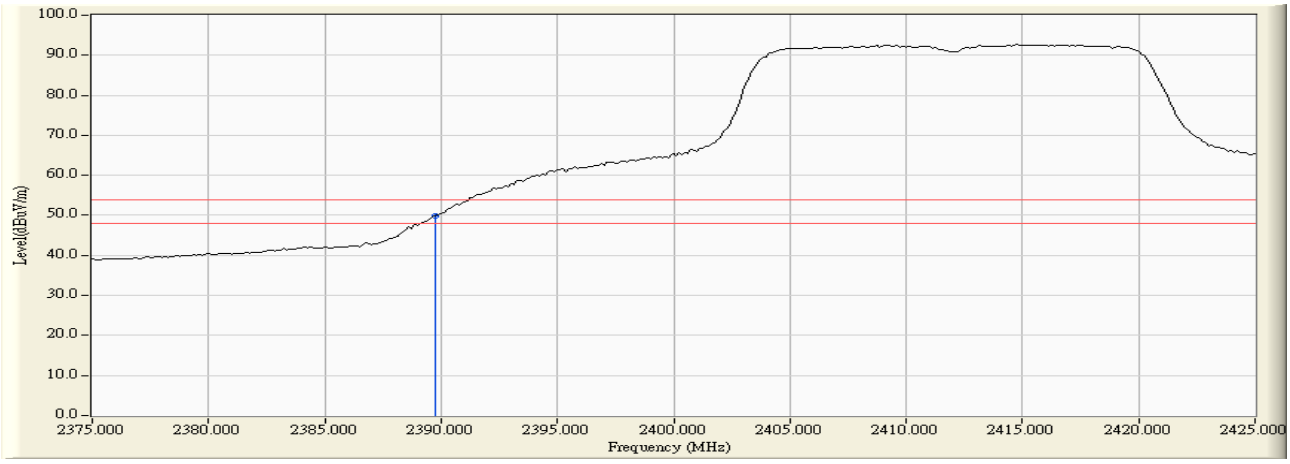
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.750	-2.405	70.031	67.626	74.00	54.00	Pass
1(Average)	2389.750	-2.405	52.328	49.923	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.A)

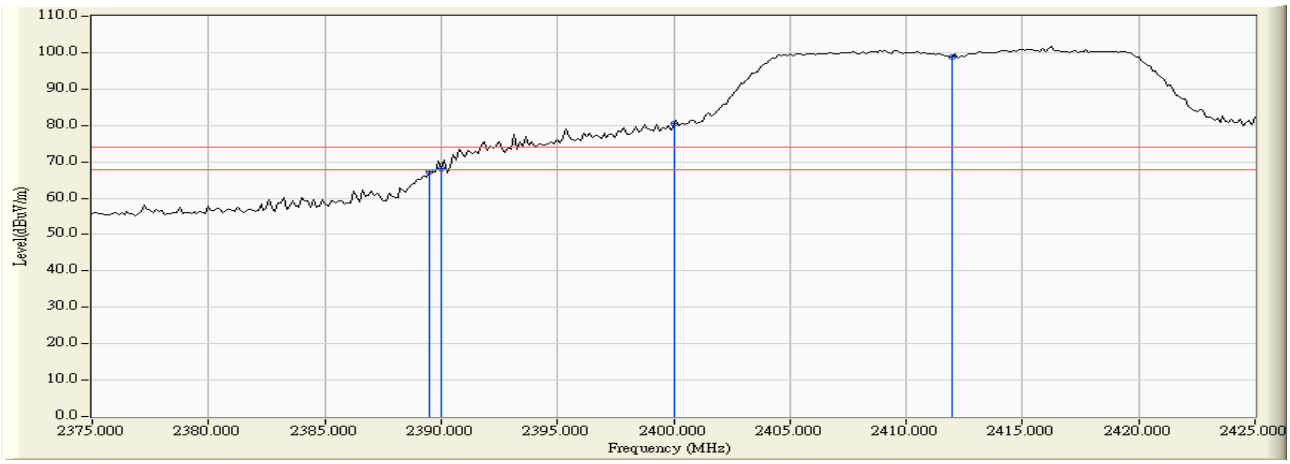
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	<2483.5	>20	Pass

RF Radiated Measurement (Vertical):

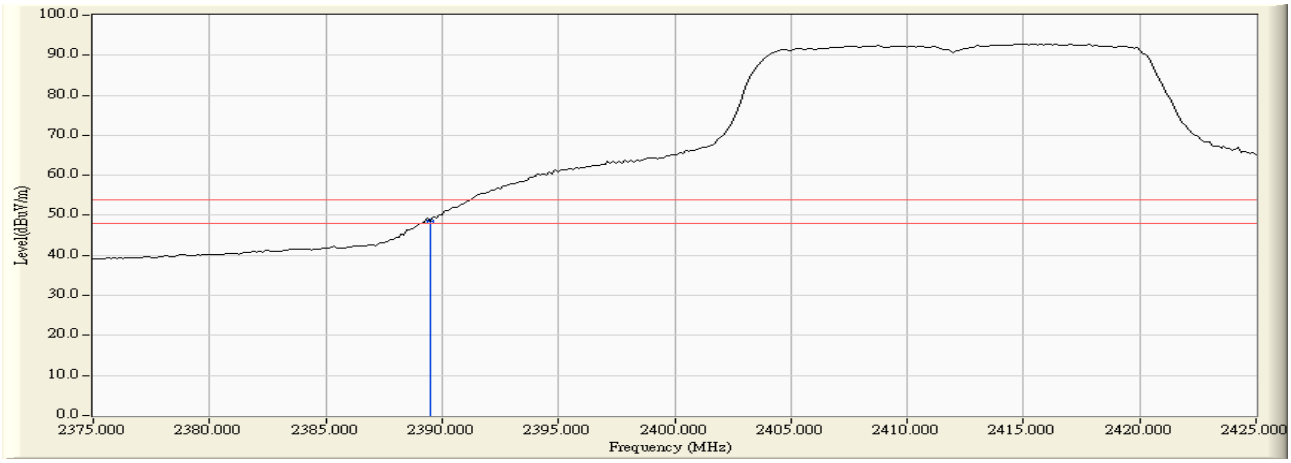
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.500	-2.406	69.658	67.252	74.00	54.00	Pass
1(Average)	2389.500	-2.406	51.009	48.603	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.B)

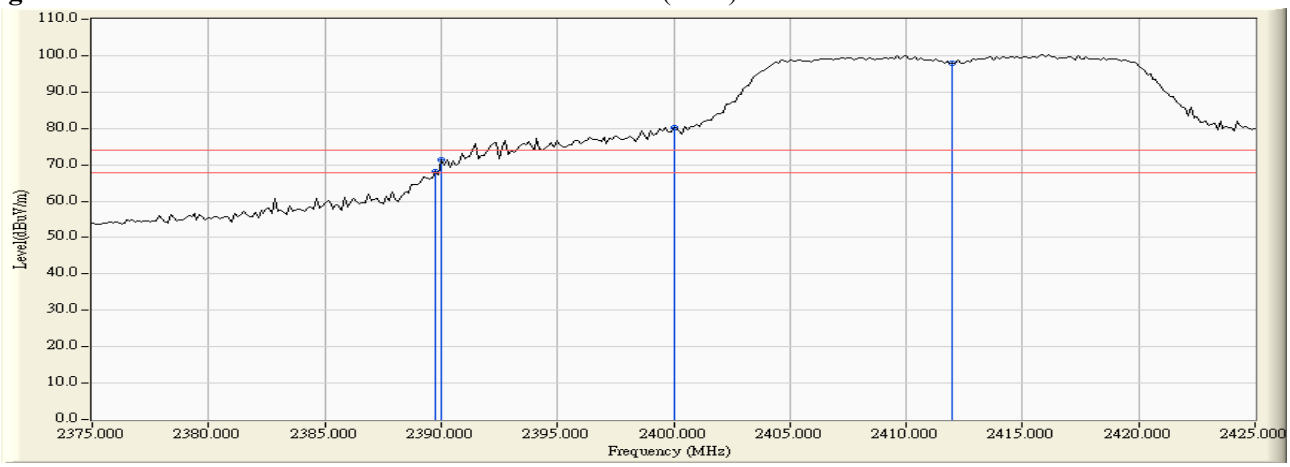
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

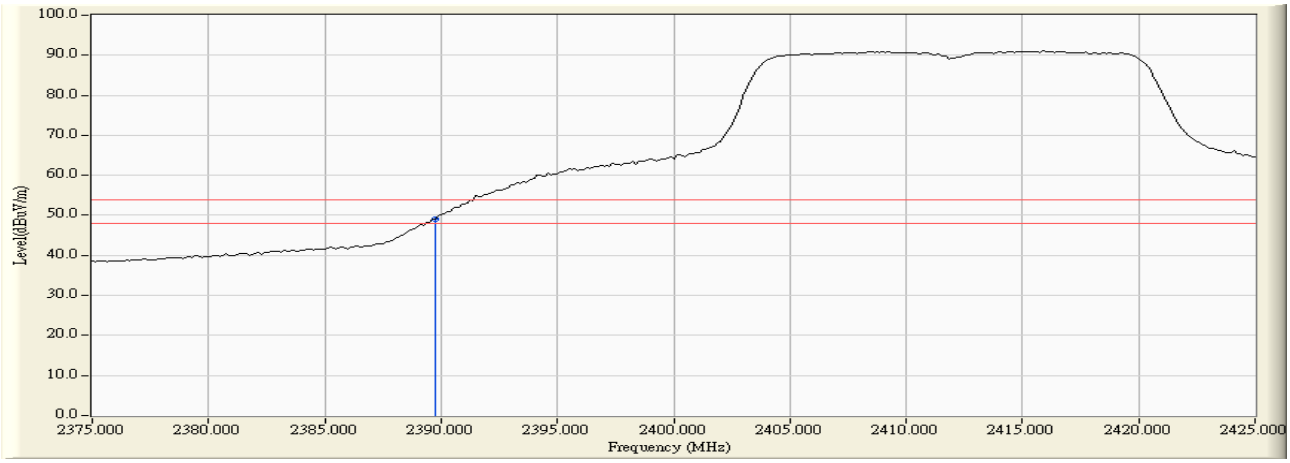
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.750	-2.405	70.662	68.257	74.00	54.00	Pass
1(Average)	2389.750	-2.405	51.439	49.034	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.B)

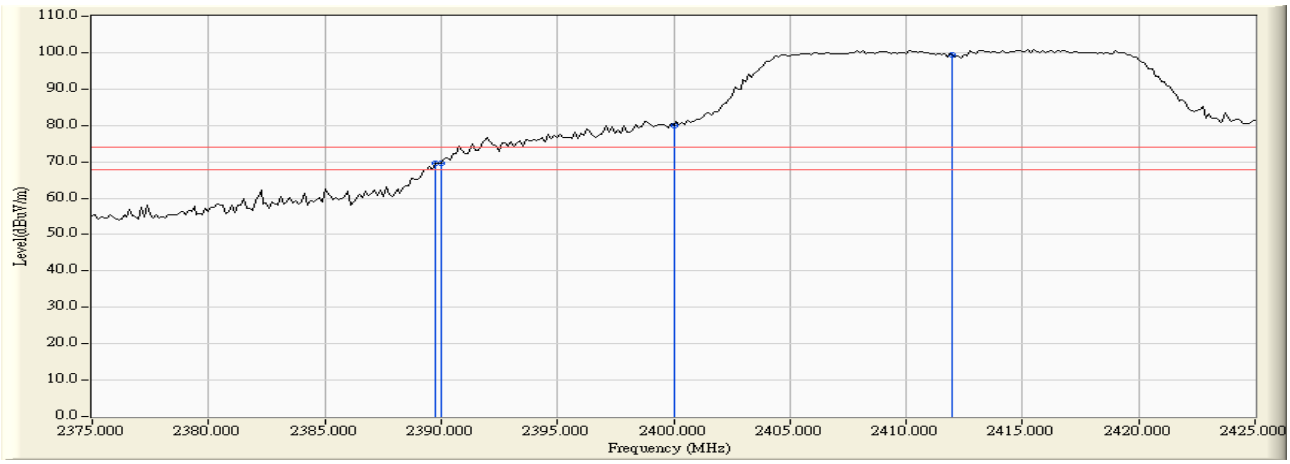
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	<2483.5	>20	Pass

RF Radiated Measurement (Vertical):

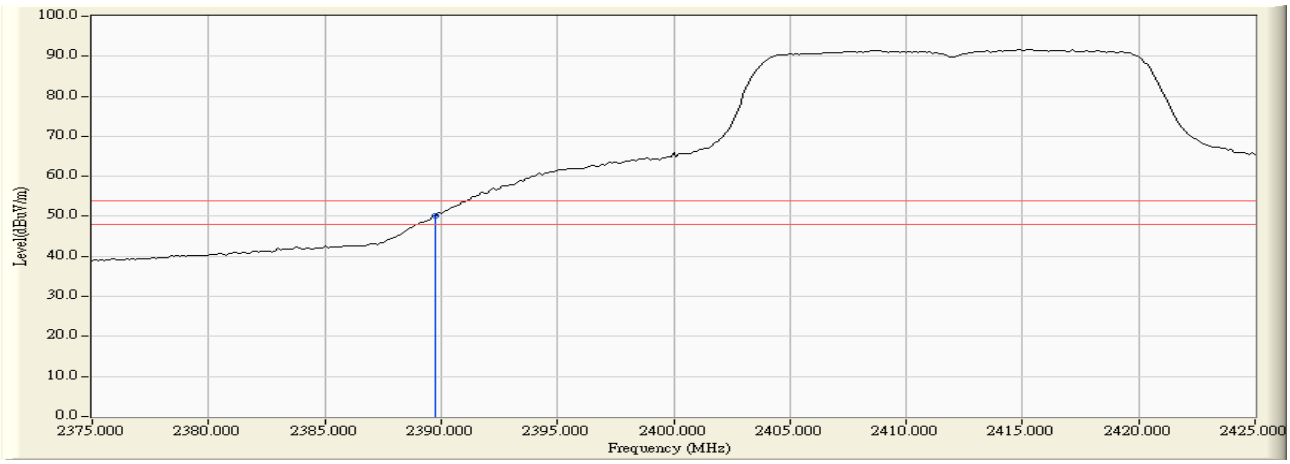
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.750	-2.405	72.123	69.718	74.00	54.00	Pass
1(Average)	2389.750	-2.405	52.562	50.157	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.A)

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11(Horizontal)	>2483.5	>20	Pass

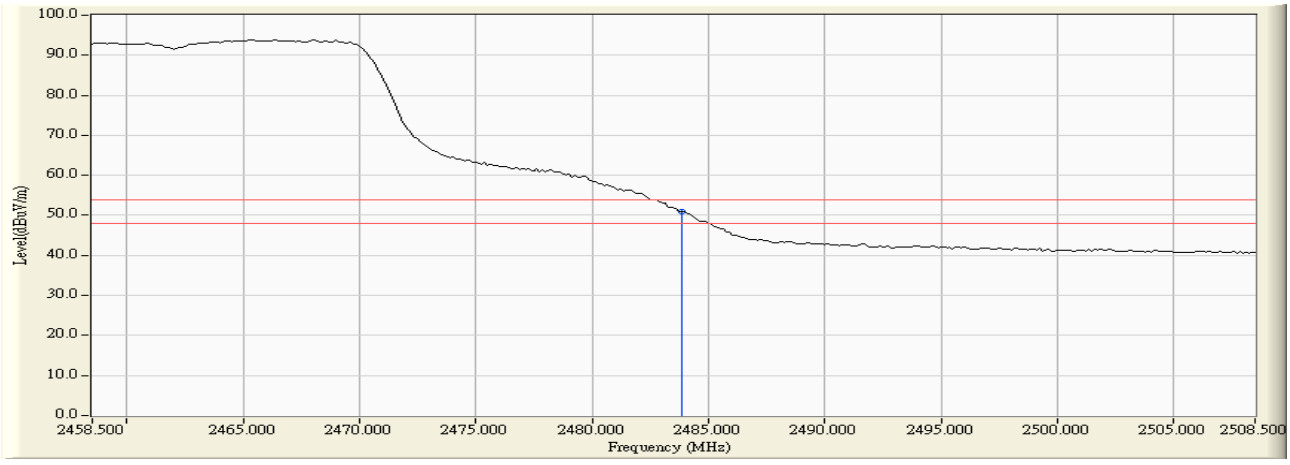
RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.875	-1.986	73.943	71.957	74.00	54.00	Pass
11(Average)	2483.875	-1.986	52.856	50.870	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)

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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.A)

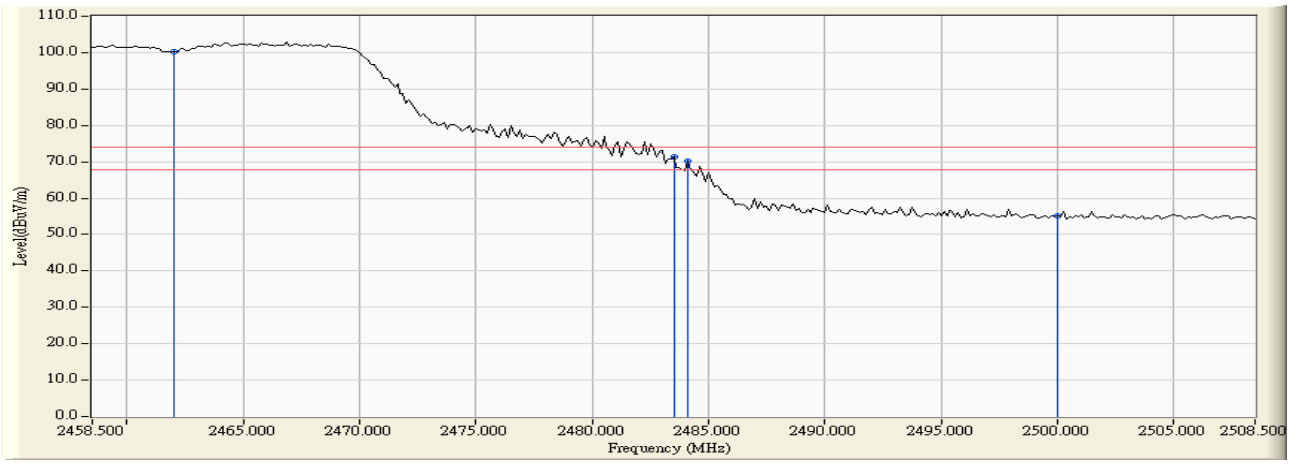
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

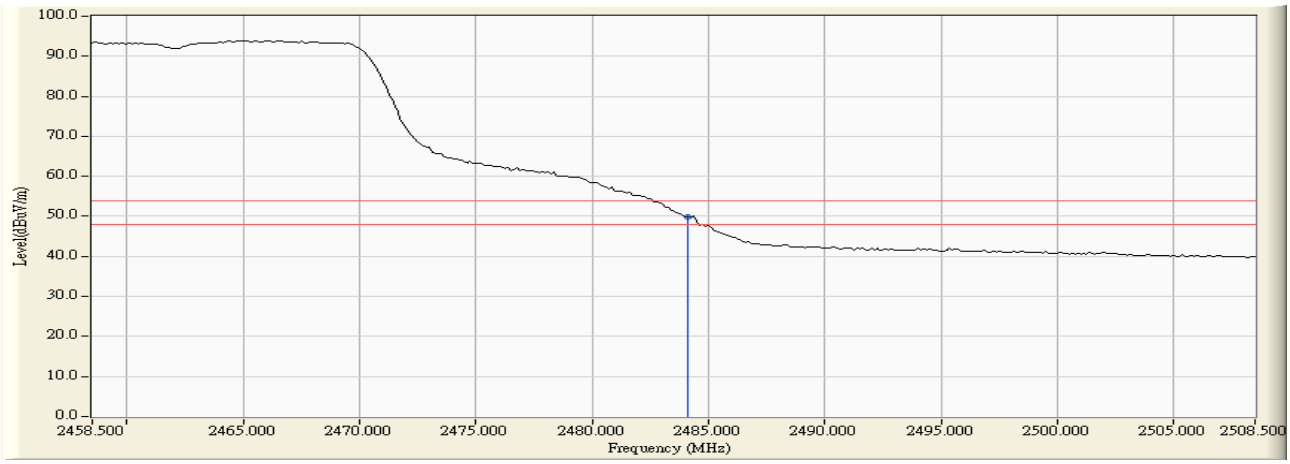
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2484.125	-1.985	72.122	70.137	74.00	54.00	Pass
11(Average)	2484.125	-1.985	51.939	49.954	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.B)

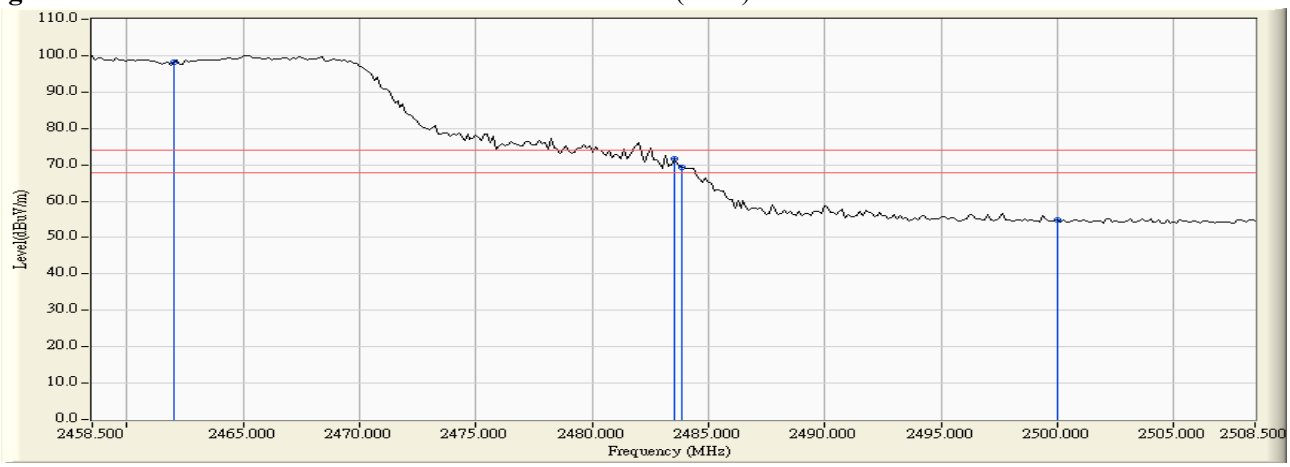
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

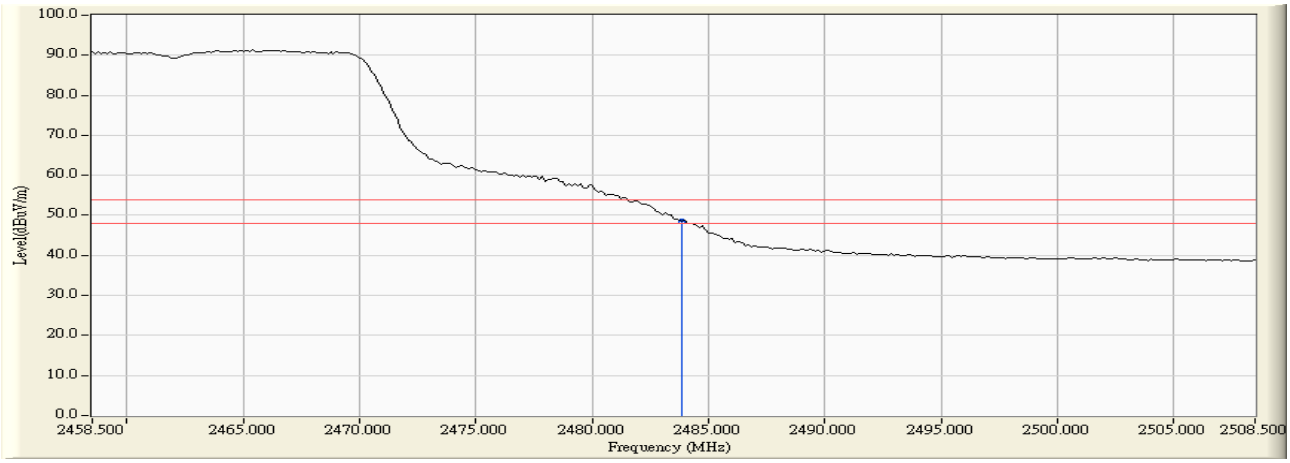
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.875	-1.986	71.396	69.410	74.00	54.00	Pass
11(Average)	2483.875	-1.986	50.487	48.501	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.B)

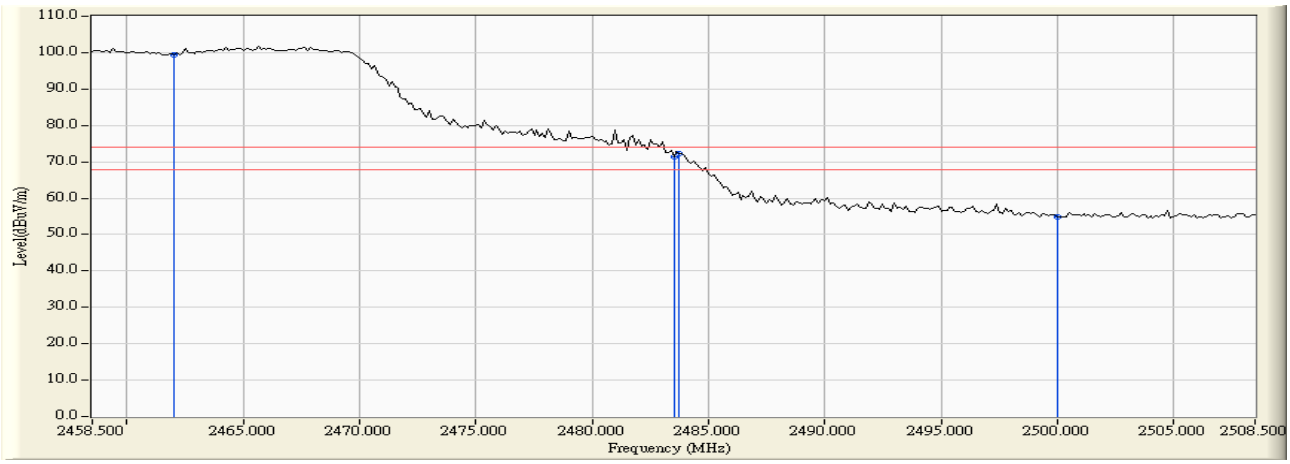
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

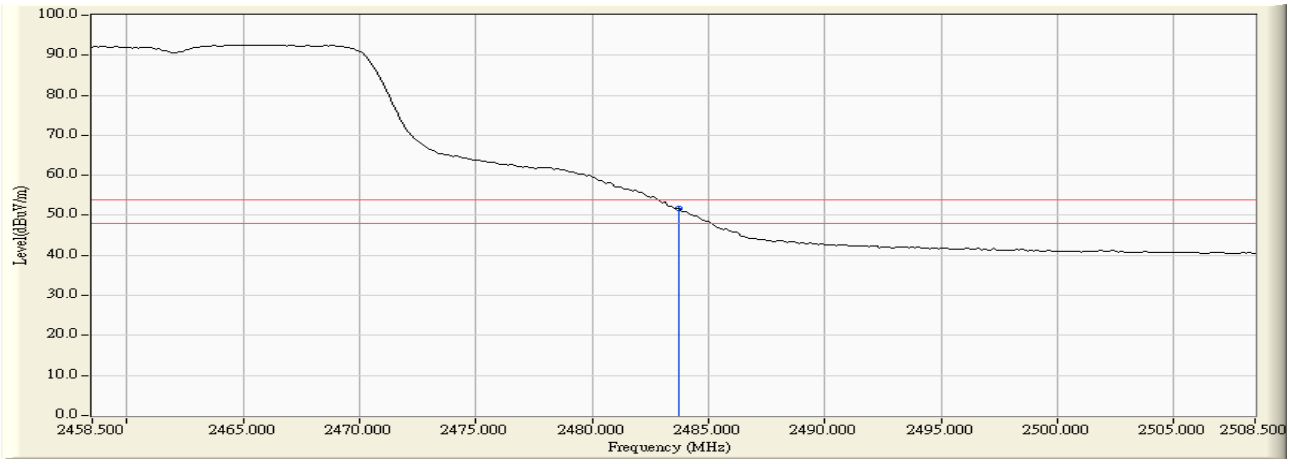
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.750	-1.986	74.271	72.285	74.00	54.00	Pass
11(Average)	2483.750	-1.986	53.758	51.772	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A)

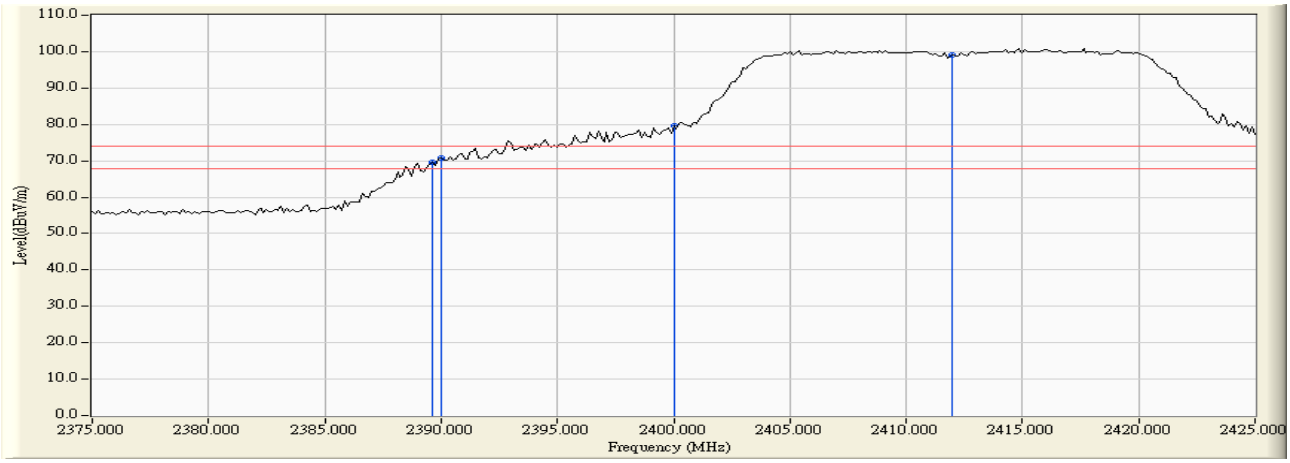
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

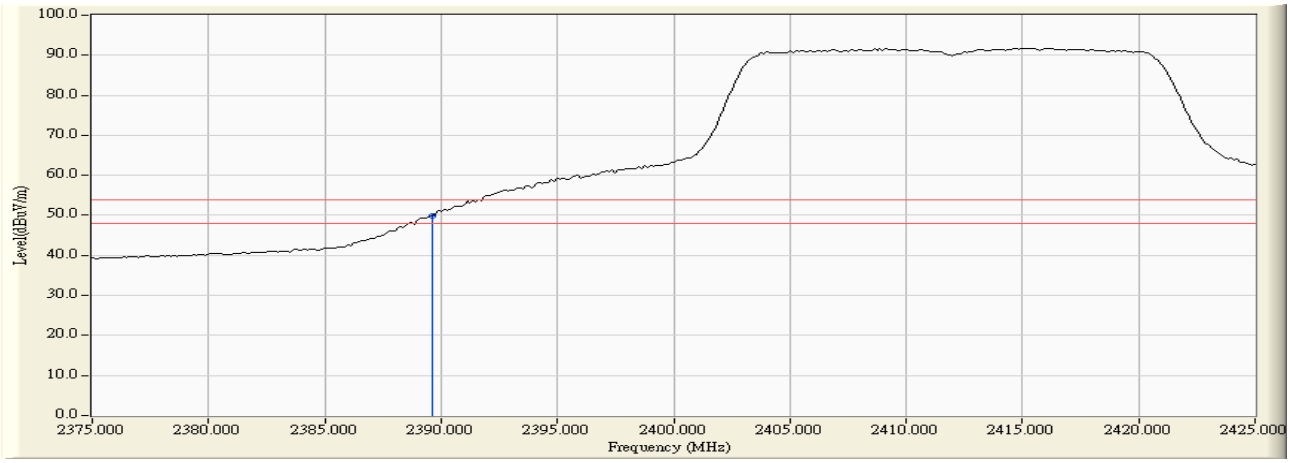
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.625	-2.406	71.888	69.482	74.00	54.00	Pass
1(Average)	2389.625	-2.406	52.396	49.990	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A)

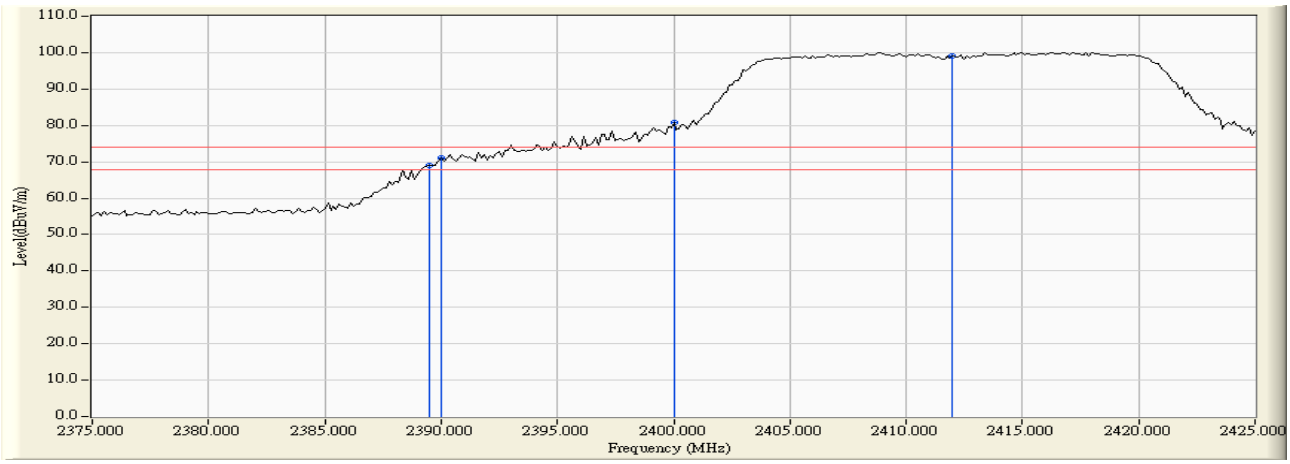
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

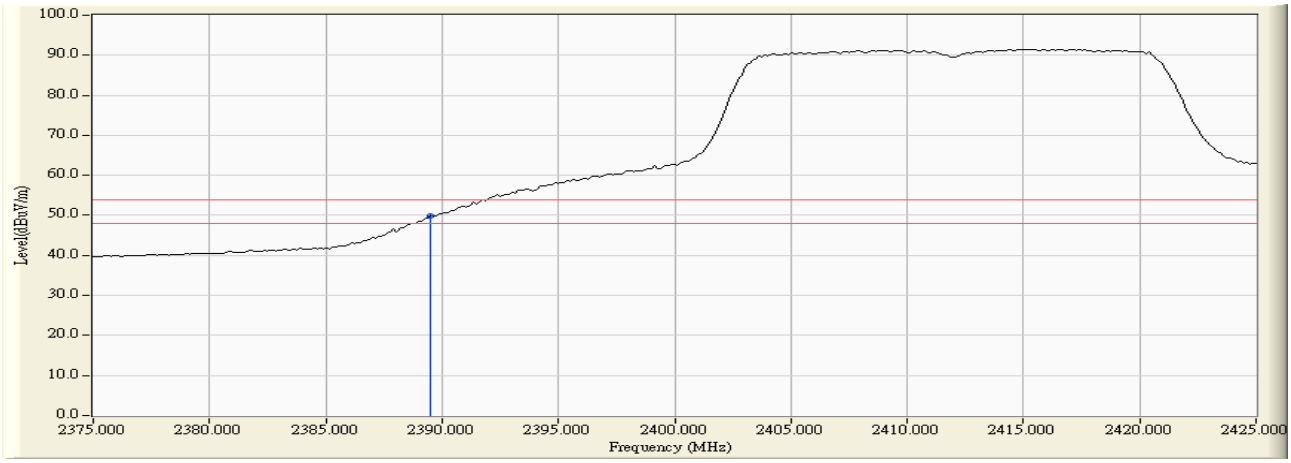
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.500	-2.406	71.434	69.028	74.00	54.00	Pass
1(Average)	2389.500	-2.406	52.142	49.736	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.B)

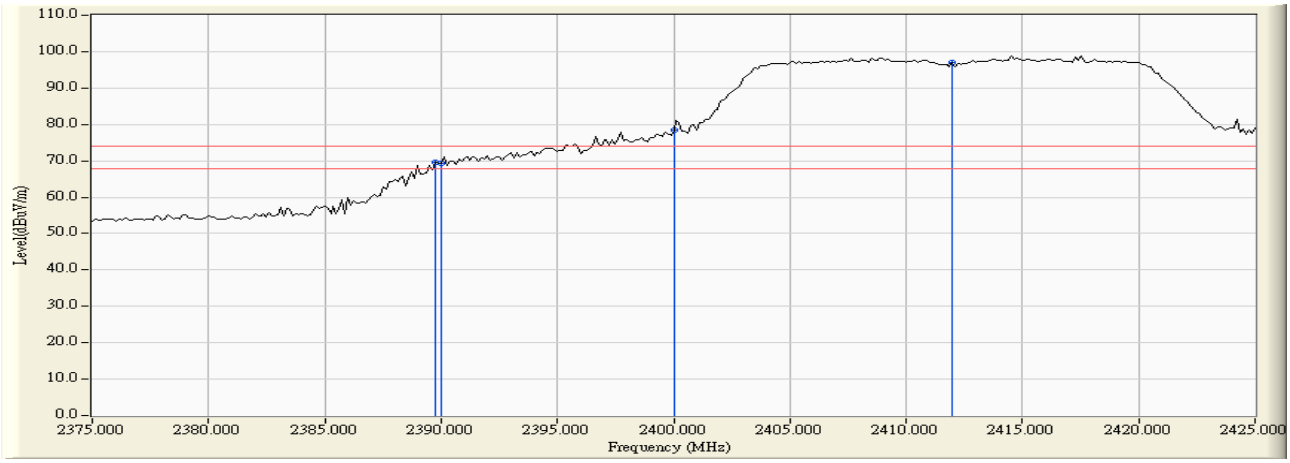
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

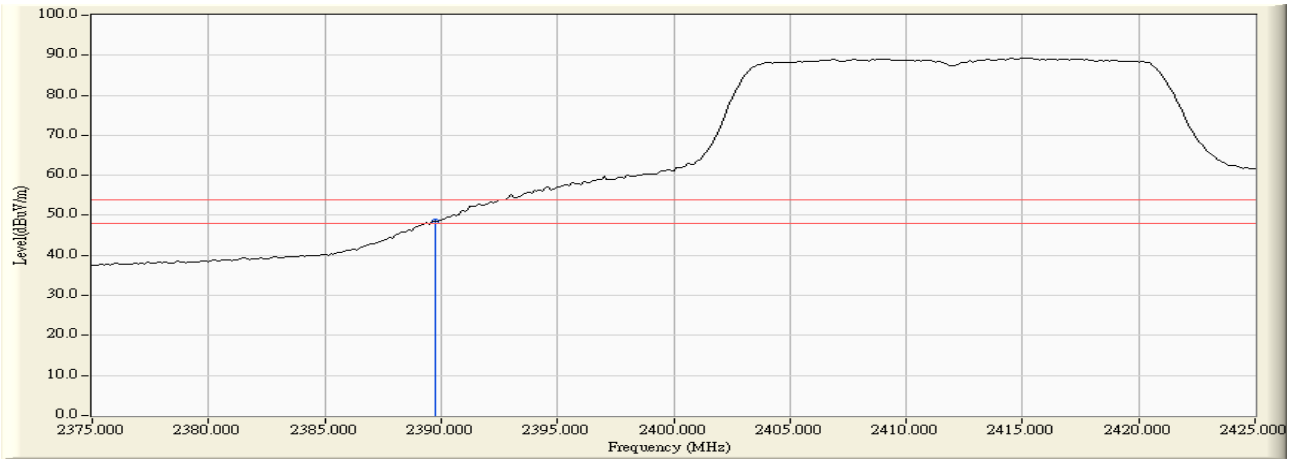
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.750	-2.405	71.980	69.575	74.00	54.00	Pass
1(Average)	2389.750	-2.405	50.989	48.584	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.B)

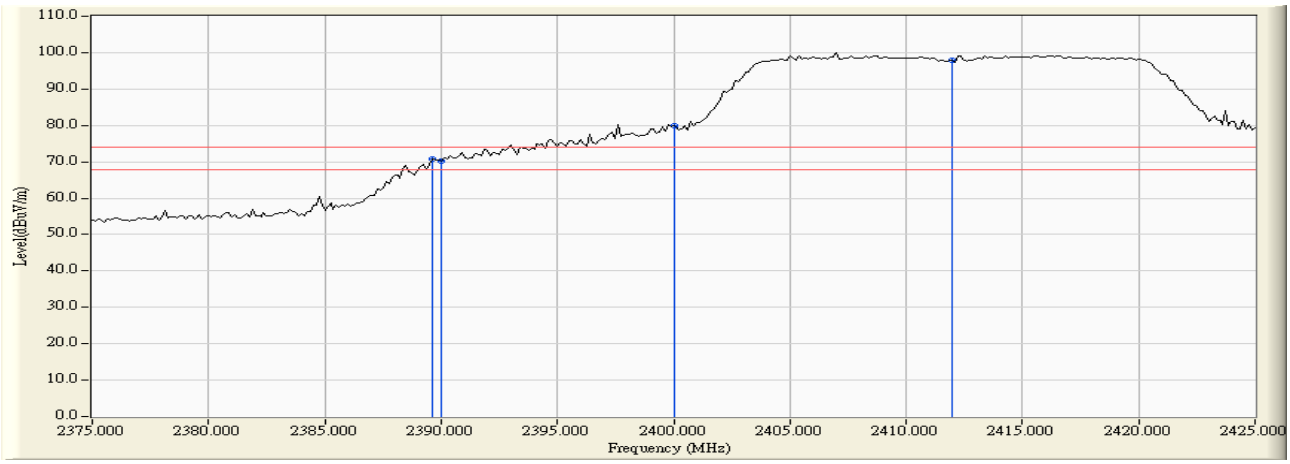
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

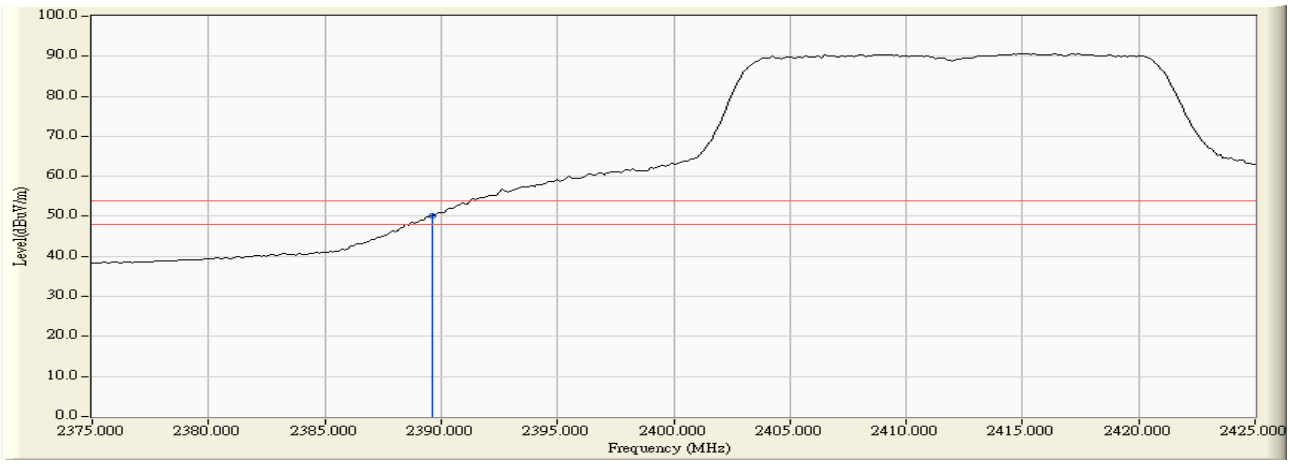
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.625	-2.406	73.180	70.774	74.00	54.00	Pass
1(Average)	2389.625	-2.406	52.626	50.220	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

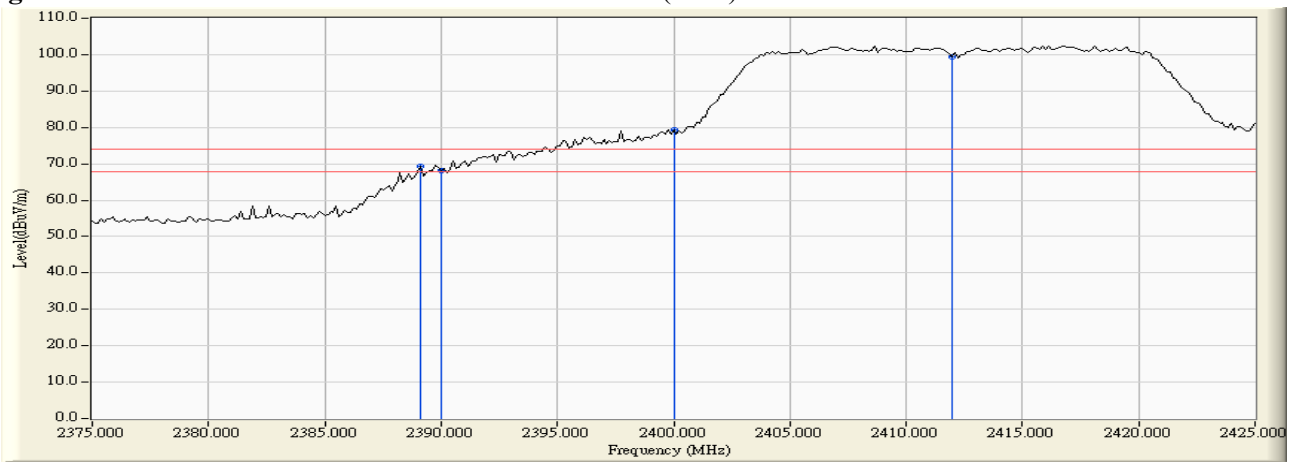
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

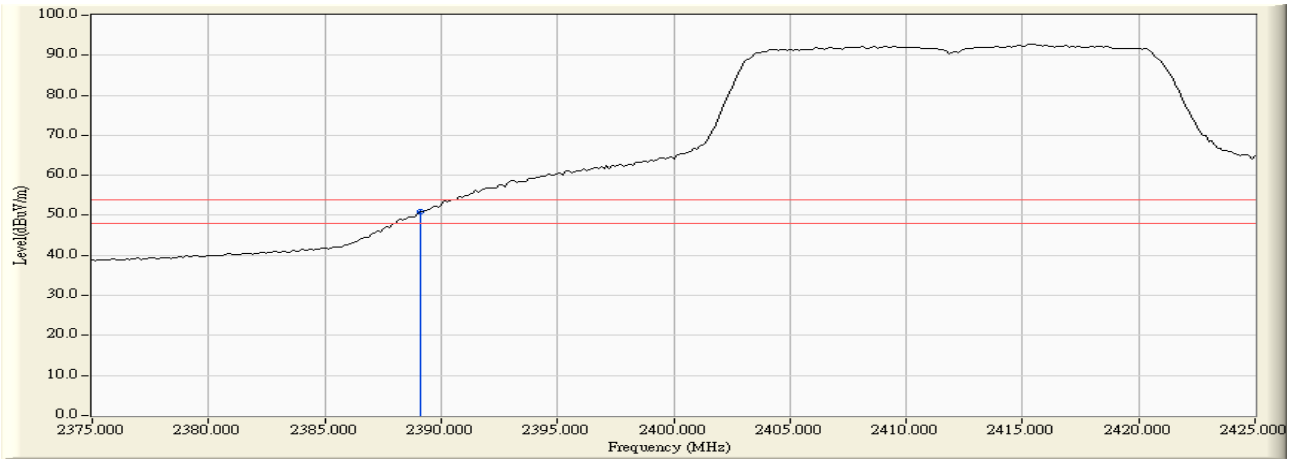
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.125	-2.408	71.732	69.324	74.00	54.00	Pass
1(Average)	2389.125	-2.408	53.281	50.873	74.00	54.00	Pass

Figure Channel 1: **Horizontal** (Peak)



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

Figure Channel 1: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

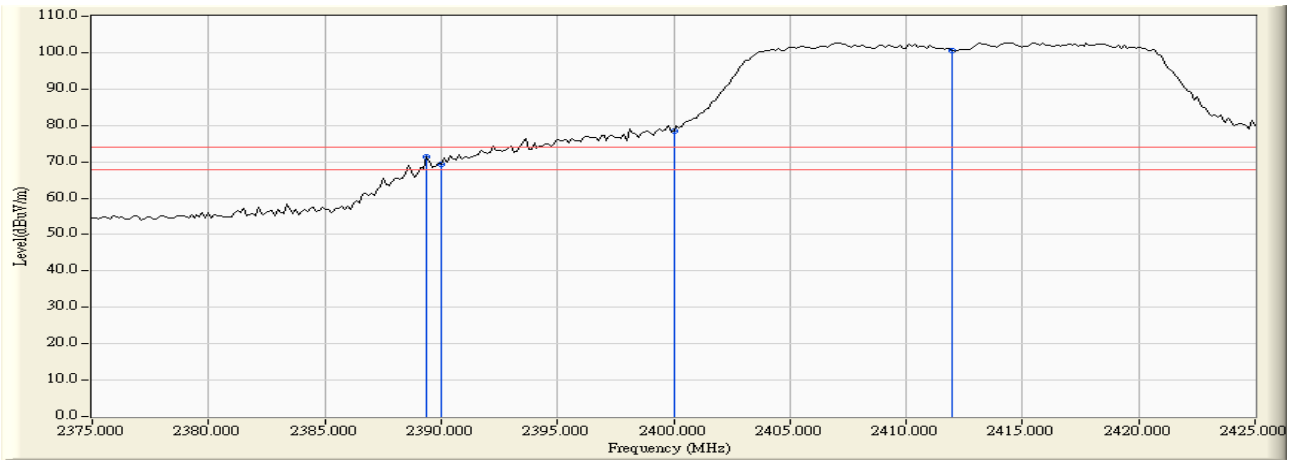
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

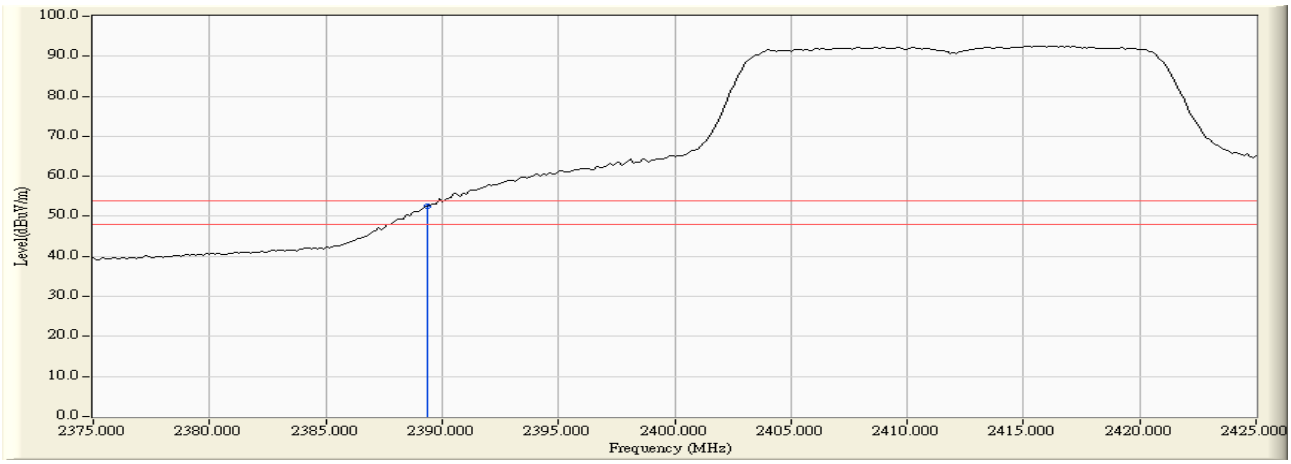
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
1 (Peak)	2389.375	-2.407	73.805	71.398	74.00	54.00	Pass
1(Average)	2389.375	-2.407	54.845	52.438	74.00	54.00	Pass

Figure Channel 1: **Vertical** (Peak)



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

Figure Channel 1: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A)

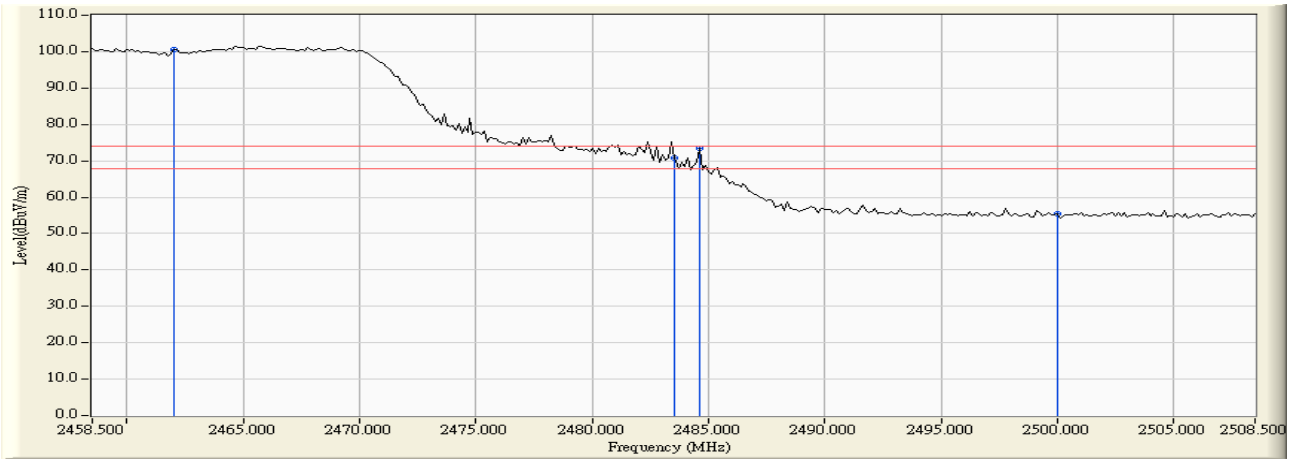
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

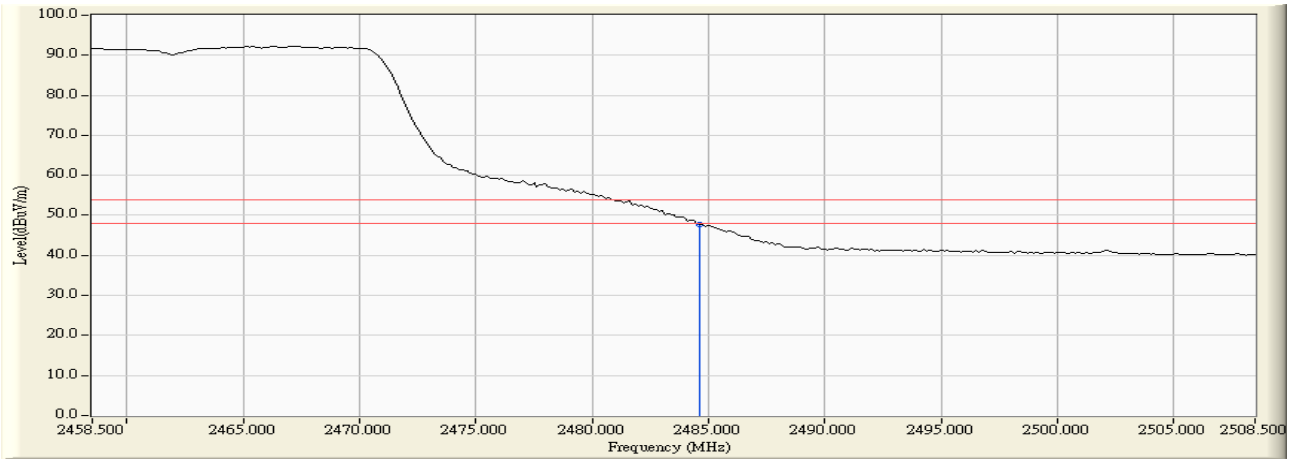
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2484.625	-1.984	75.407	73.423	74.00	54.00	Pass
11(Average)	2484.625	-1.984	49.802	47.818	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A)

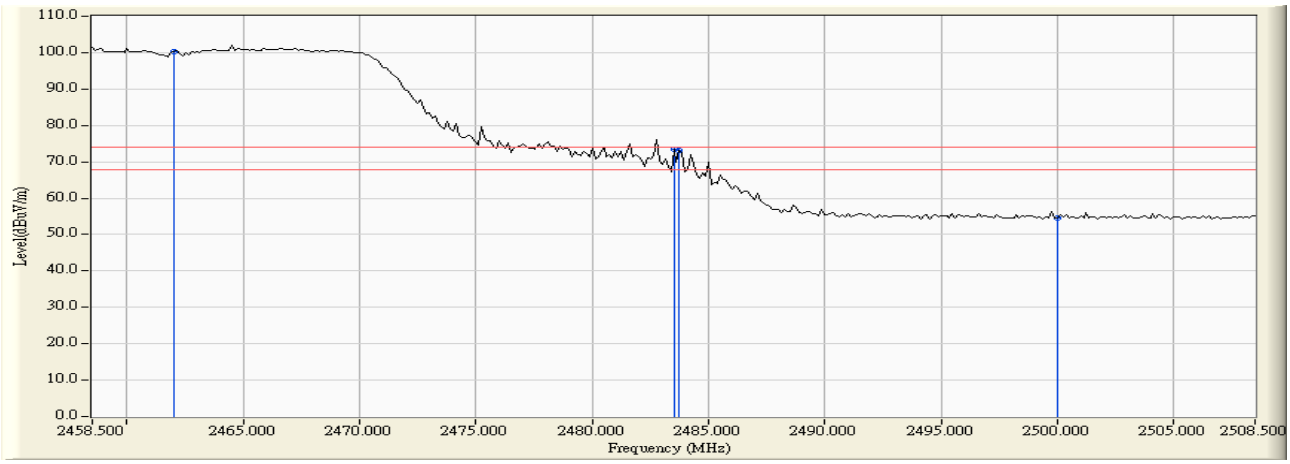
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

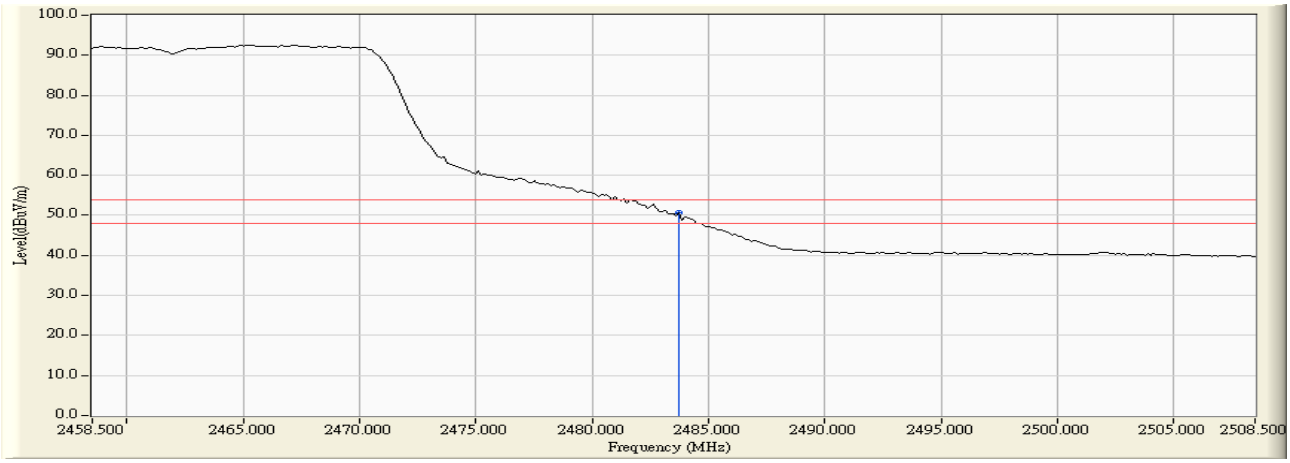
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.750	-1.986	75.255	73.269	74.00	54.00	Pass
11(Average)	2483.750	-1.986	52.747	50.761	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.B)

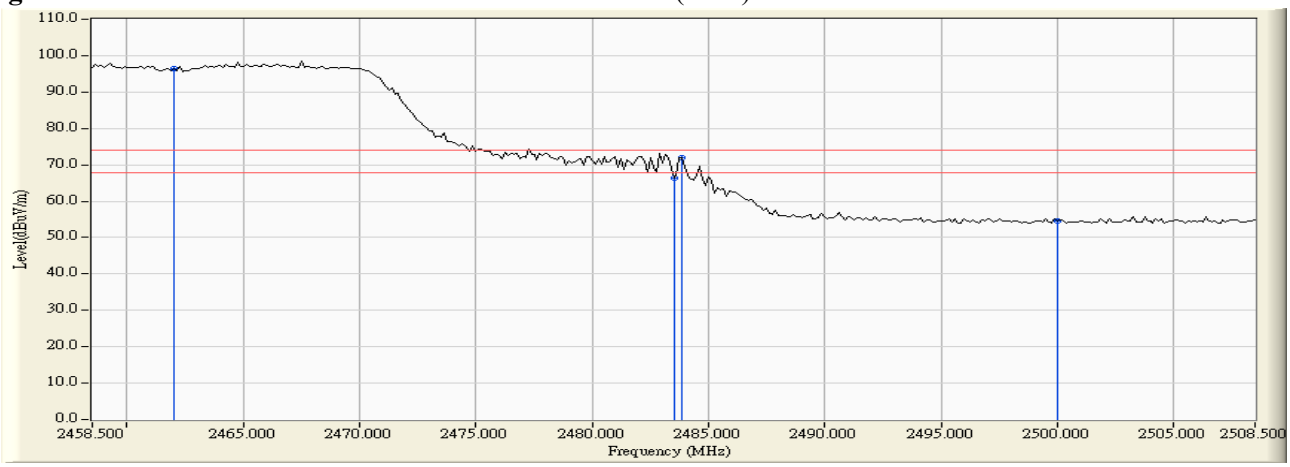
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

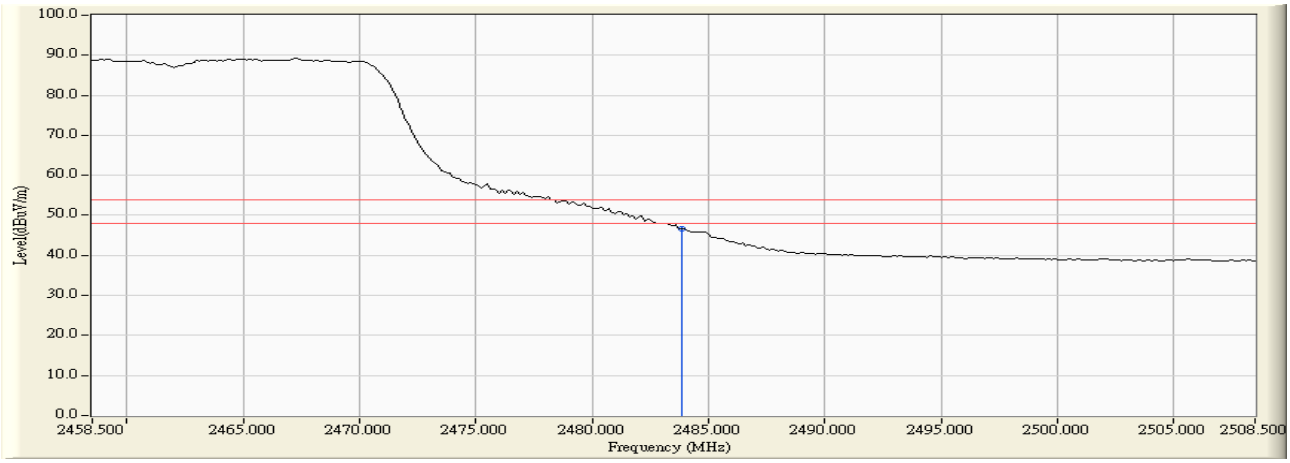
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.875	-1.986	73.799	71.813	74.00	54.00	Pass
11(Average)	2483.875	-1.986	48.612	46.626	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.B)

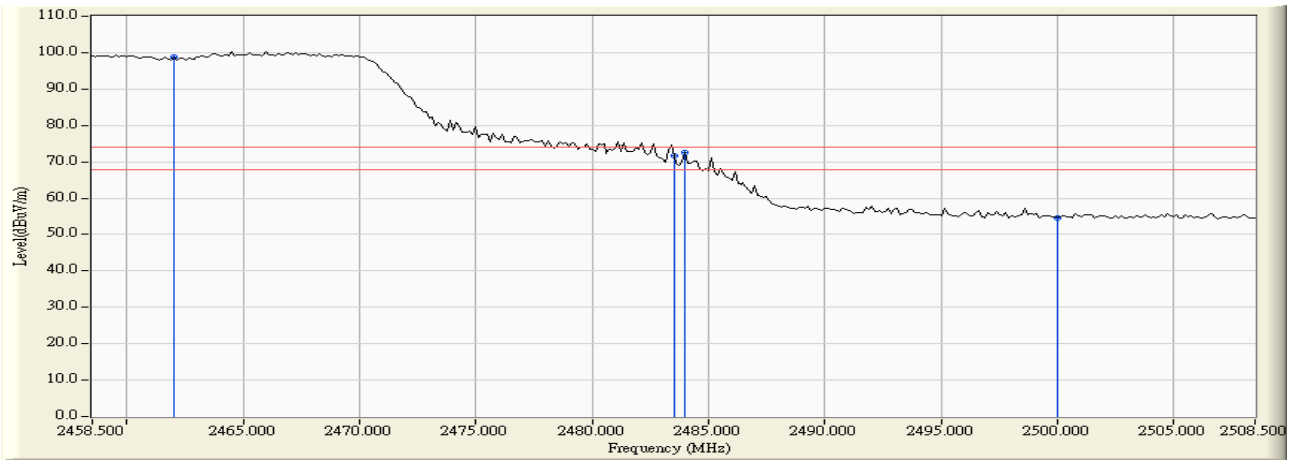
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

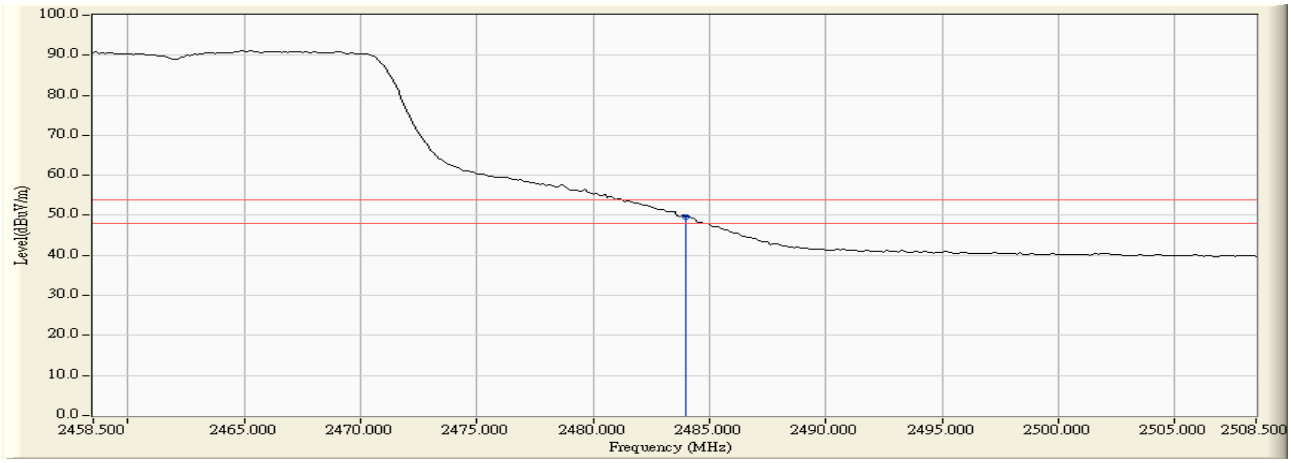
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2484.000	-1.985	74.404	72.419	74.00	54.00	Pass
11(Average)	2484.000	-1.985	51.531	49.546	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

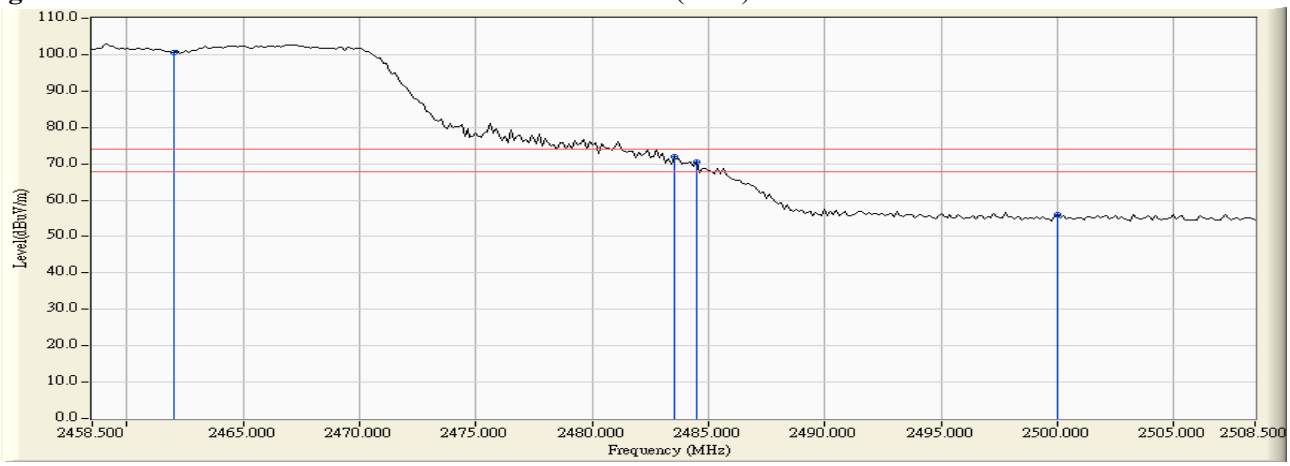
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11(Horizontal)	>2483.5	>20	Pass

RF Radiated Measurement (Horizontal):

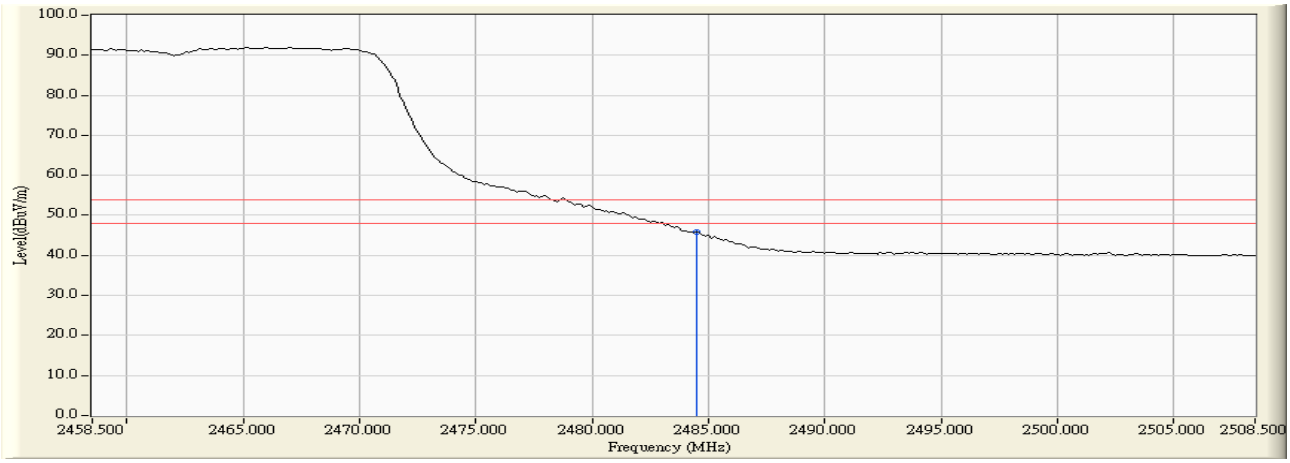
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2484.500	-1.984	72.500	70.516	74.00	54.00	Pass
11(Average)	2484.500	-1.984	47.735	45.751	74.00	54.00	Pass

Figure Channel 11: **Horizontal** (Peak)



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

Figure Channel 11: **Horizontal** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms

Product : Notebook P.C.
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

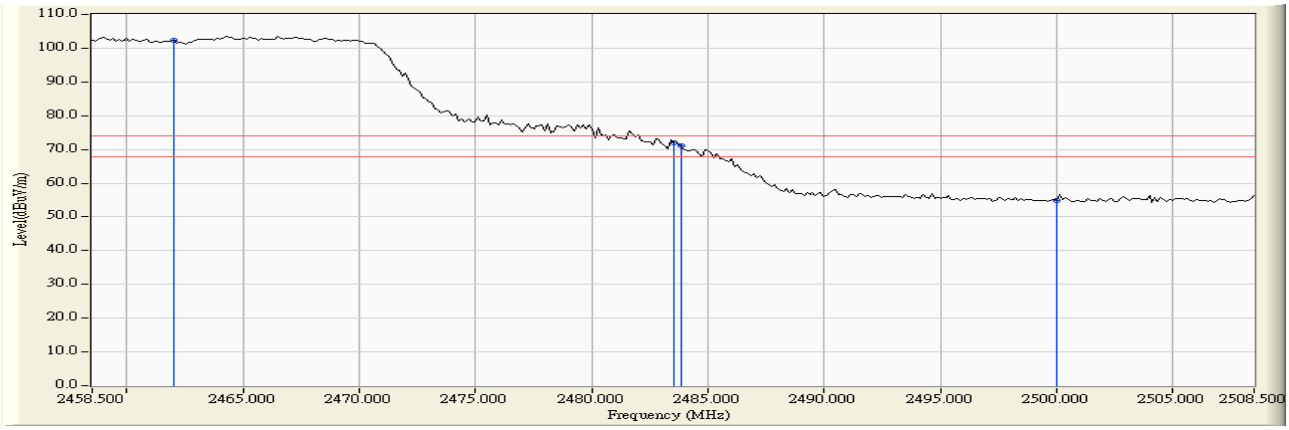
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11 (Vertical)	>2483.5	>20	Pass

RF Radiated Measurement (Vertical):

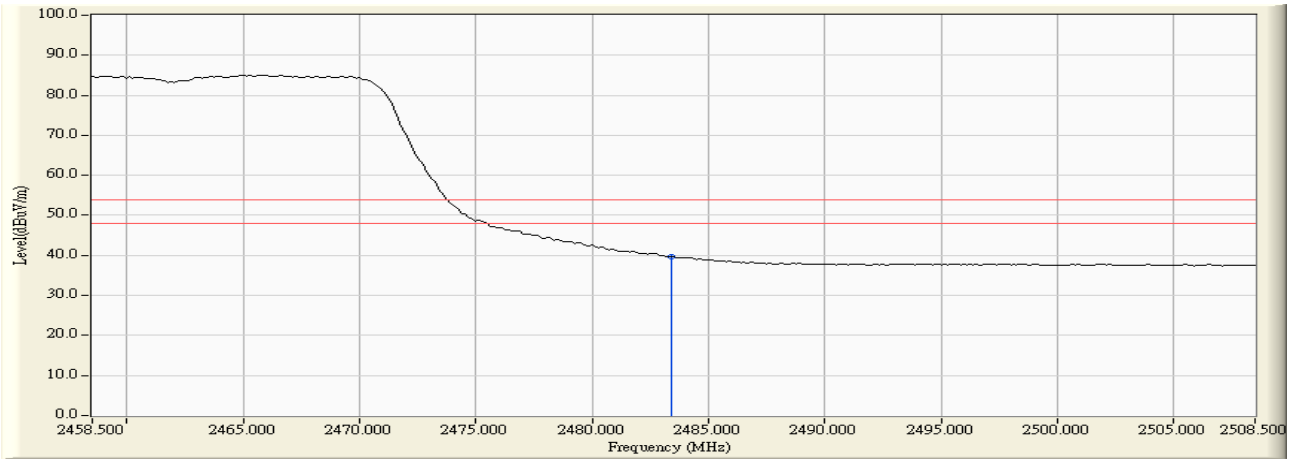
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2483.875	-1.986	73.178	71.192	74.00	54.00	Pass
11(Average)	2483.375	-1.987	41.719	39.732	74.00	54.00	Pass

Figure Channel 11: **Vertical** (Peak)



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

Figure Channel 11: **Vertical** (Average)



Note: RBW=1MHz, VBW=300Hz, Sweep=500ms
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

6. Occupied Bandwidth

6.1. Test Equipment

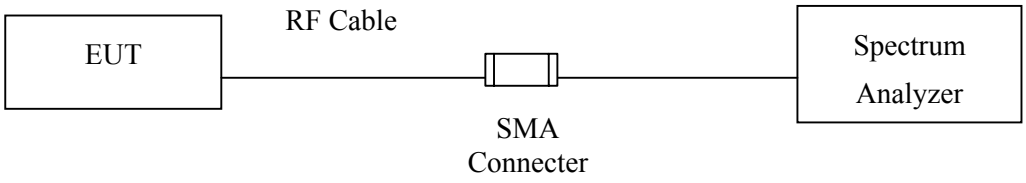
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	R&S	FSP40 / 100170	Nov, 2006

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

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

6.2. Test Setup



6.3. Limits

The minimum bandwidth shall be at least 500kHz.

6.4. Uncertainty

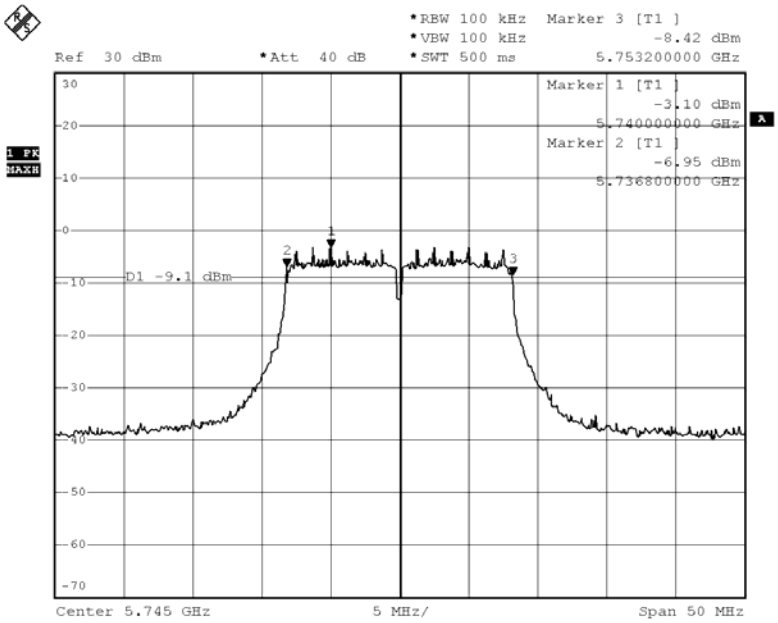
± 150Hz

6.5. Test Result of Occupied Bandwidth

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (6Mbps)	5745.00	16400	>500	Pass

Figure Channel 01:

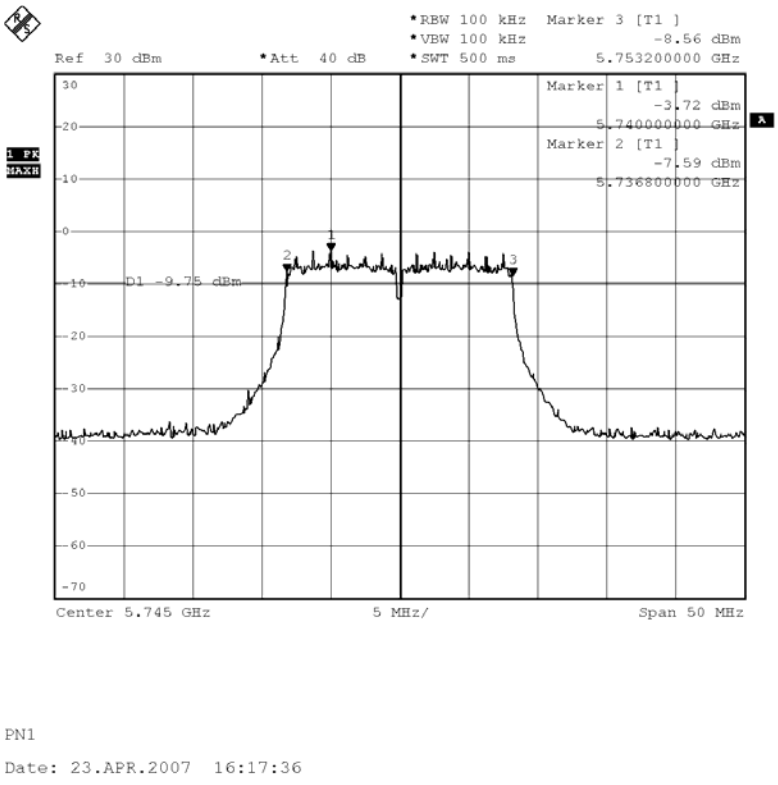


PN1
Date: 23.APR.2007 14:22:06

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (6Mbps)	5745.00	16400	>500	Pass

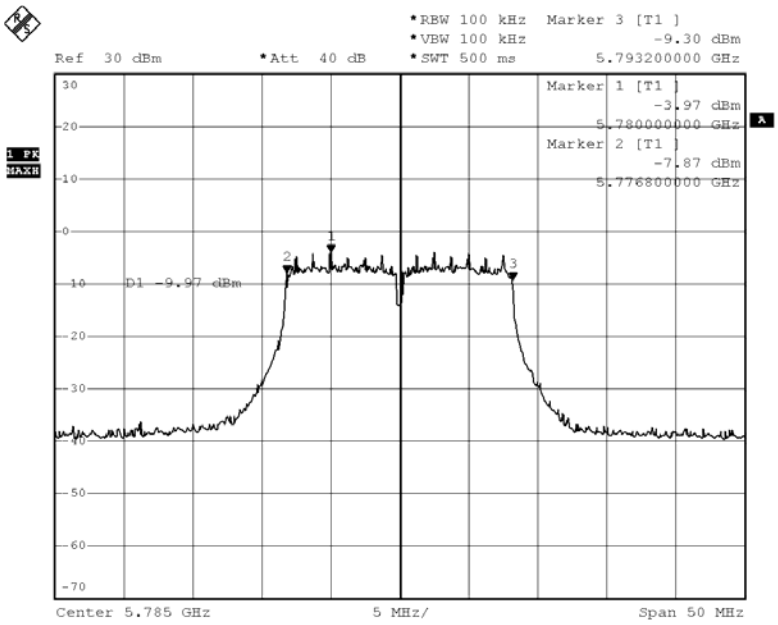
Figure Channel 01:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03 (6Mbps)	5785.00	16400	>500	Pass

Figure Channel 03:

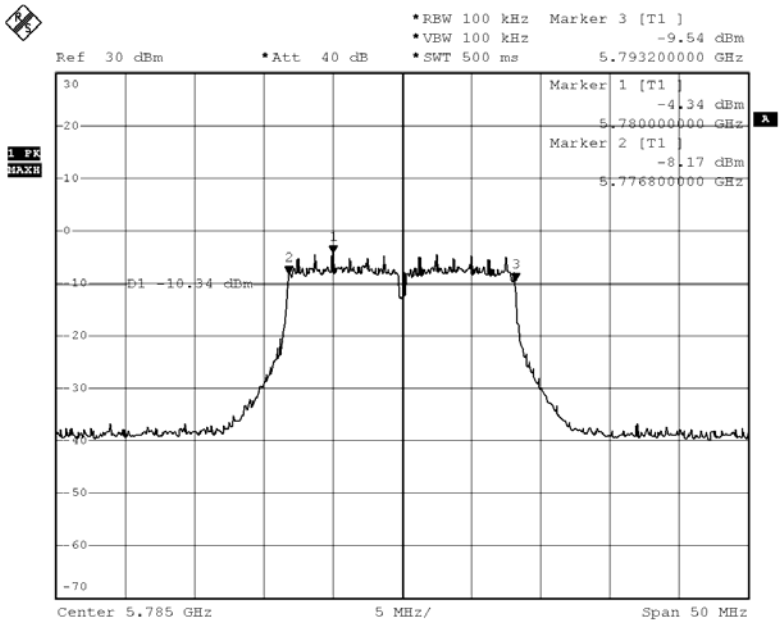


PN1
Date: 23.APR.2007 14:23:13

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03 (6Mbps)	5785.00	16400	>500	Pass

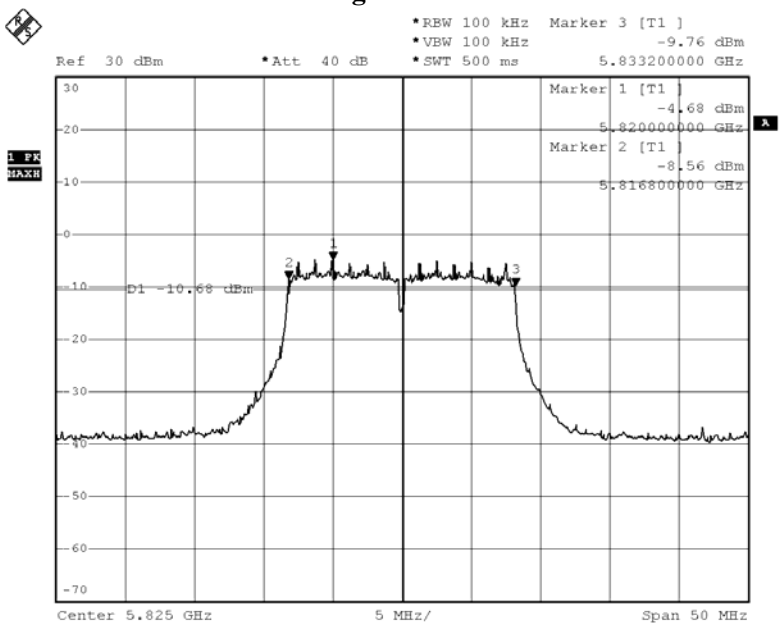
Figure Channel 03:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05(6Mbps)	5825.00	16400	>500	Pass

Figure Channel 05:



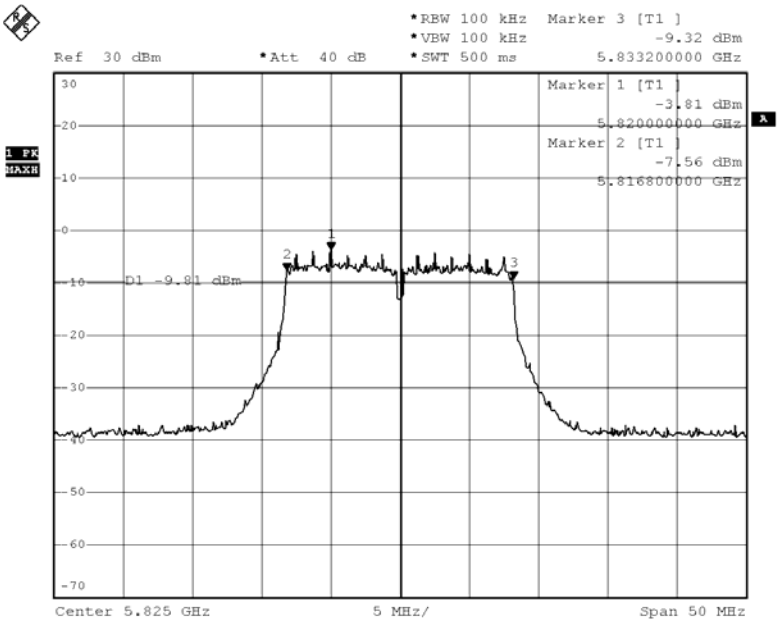
PN1
Date: 23.APR.2007 14:24:36

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05(6Mbps)	5825.00	16400	>500	Pass

Figure Channel 05:

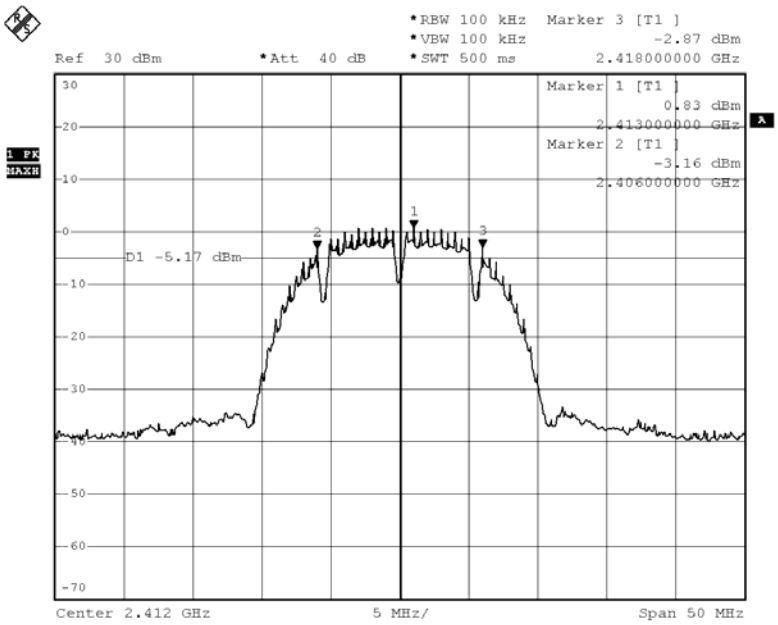


PN1
Date: 23.APR.2007 16:15:14

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (1Mbps)	2412.00	12000	>500	Pass

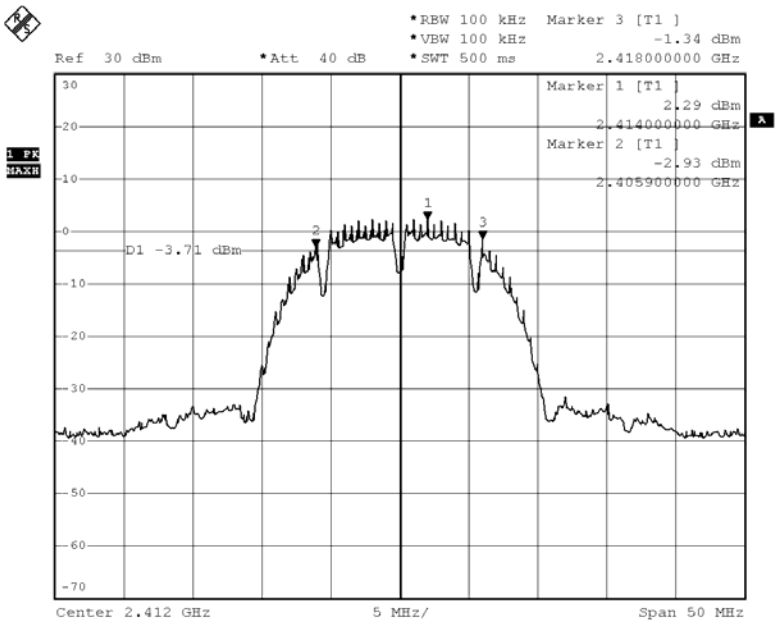
Figure Channel 1:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (1Mbps)	2412.00	12100	>500	Pass

Figure Channel 1:

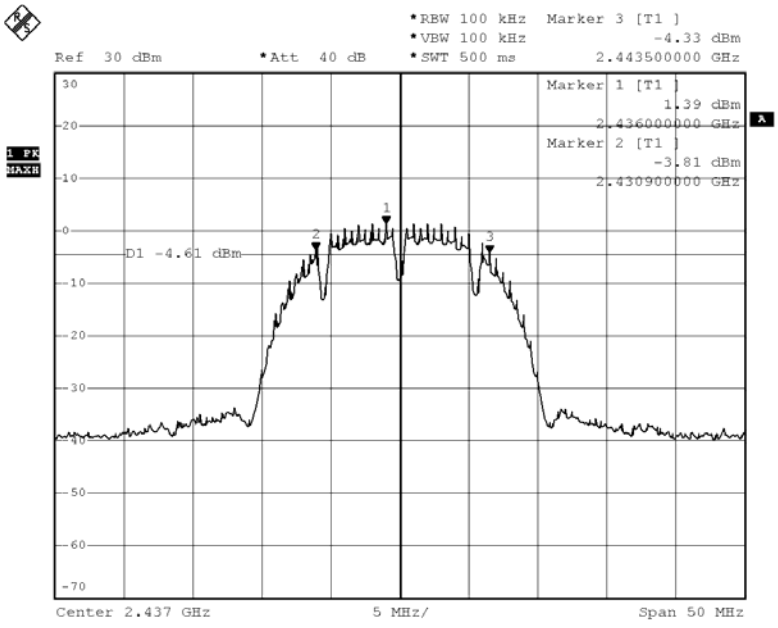


PN1
Date: 23.APR.2007 15:18:44

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (1Mbps)	2437.00	12600	>500	Pass

Figure Channel 6:

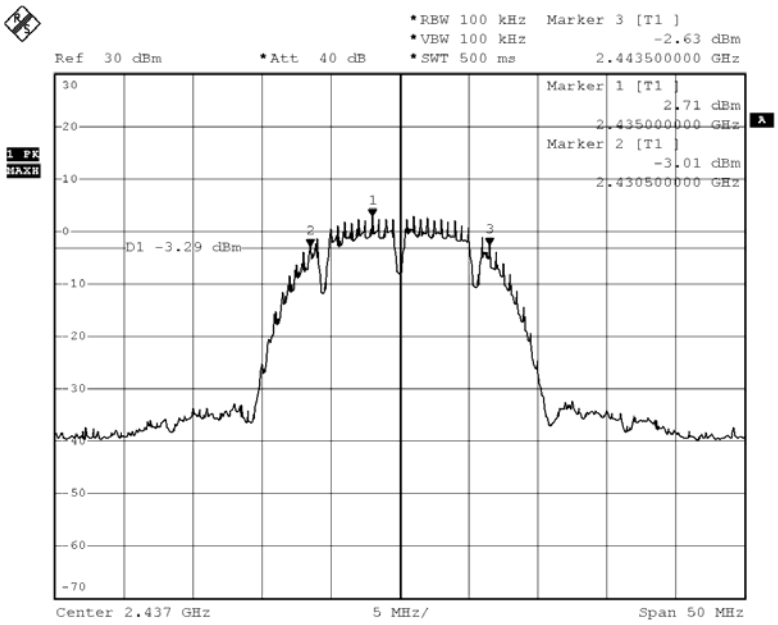


PN1
Date: 23.APR.2007 14:55:15

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (1Mbps)	2437.00	13000	>500	Pass

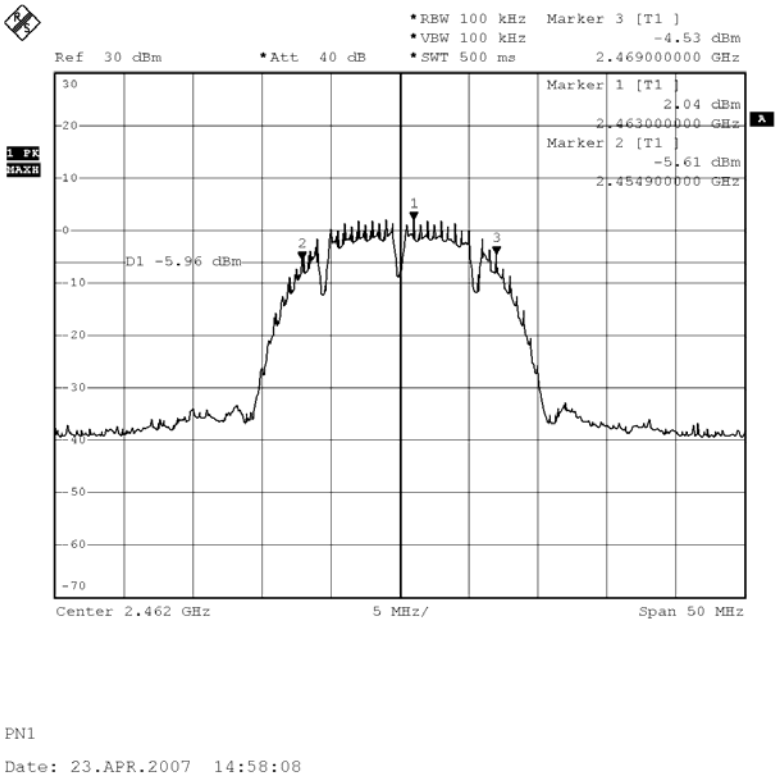
Figure Channel 6:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (1Mbps)	2462.00	14100	>500	Pass

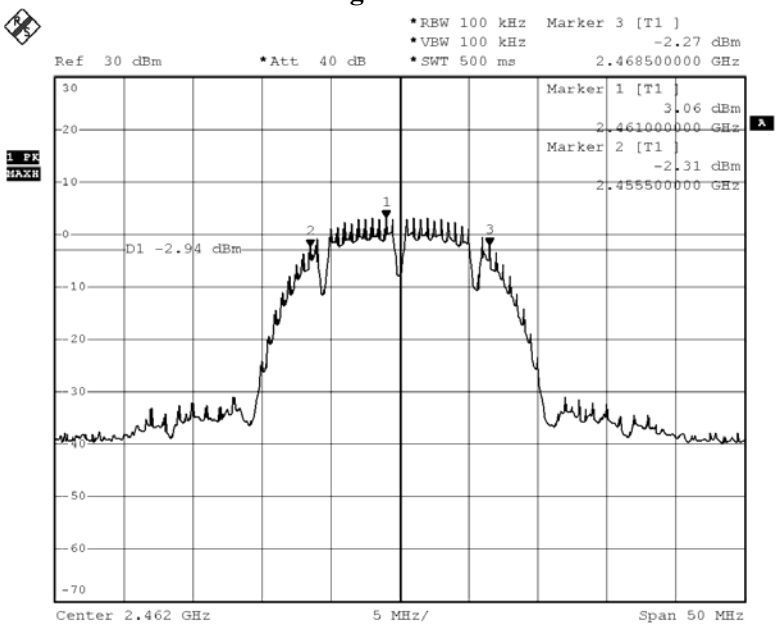
Figure Channel 11:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (1Mbps)	2462.00	13000	>500	Pass

Figure Channel 11:

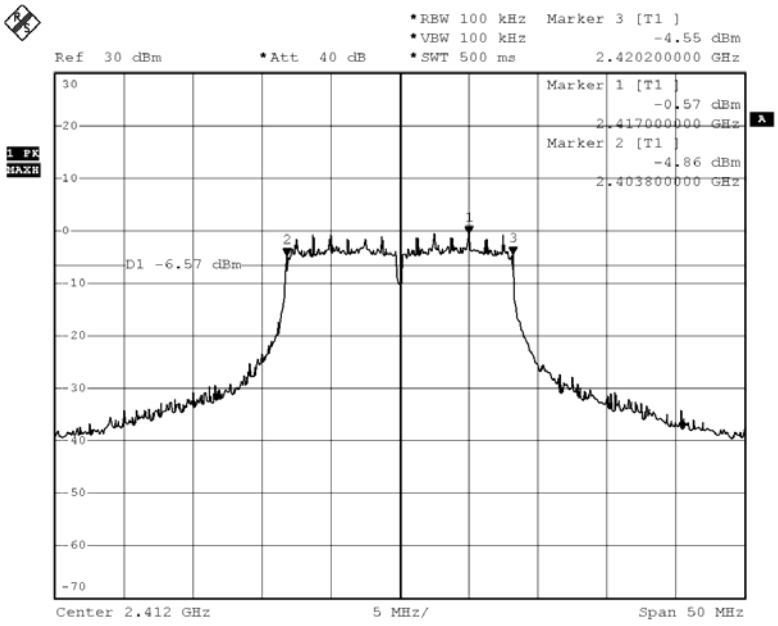


PN1
Date: 23.APR.2007 15:21:26

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (6Mbps)	2412.00	16400	>500	Pass

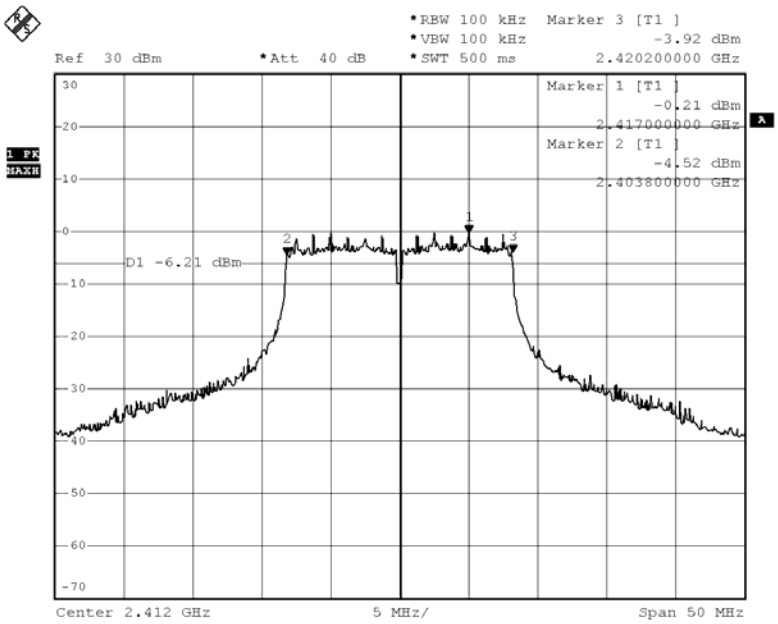
Figure Channel 1:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (6Mbps)	2412.00	16400	>500	Pass

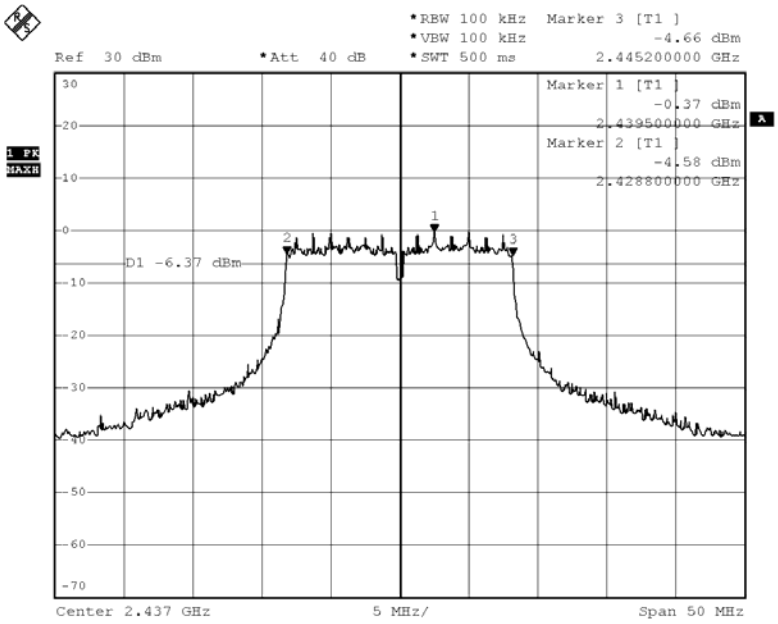
Figure Channel 1:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (6Mbps)	2437.00	16400	>500	Pass

Figure Channel 6:

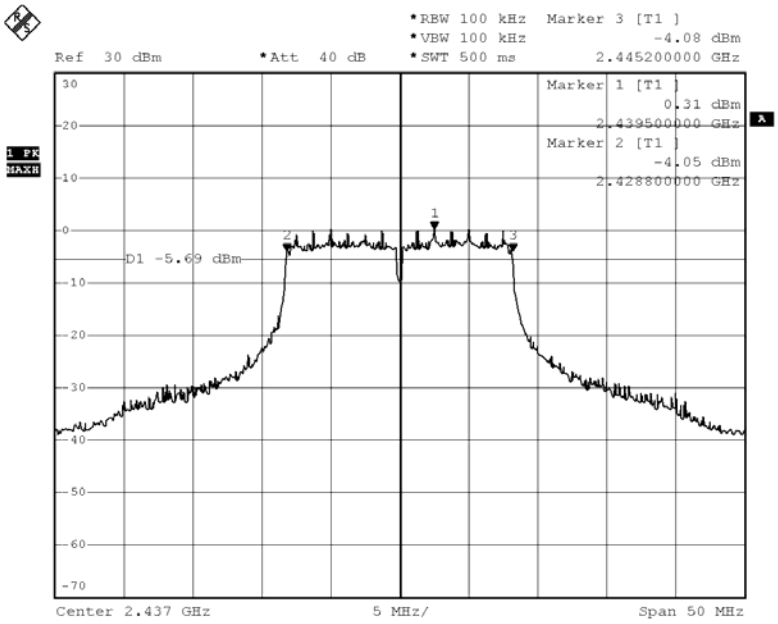


PN1
Date: 23.APR.2007 15:02:26

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (6Mbps)	2437.00	16400	>500	Pass

Figure Channel 6:

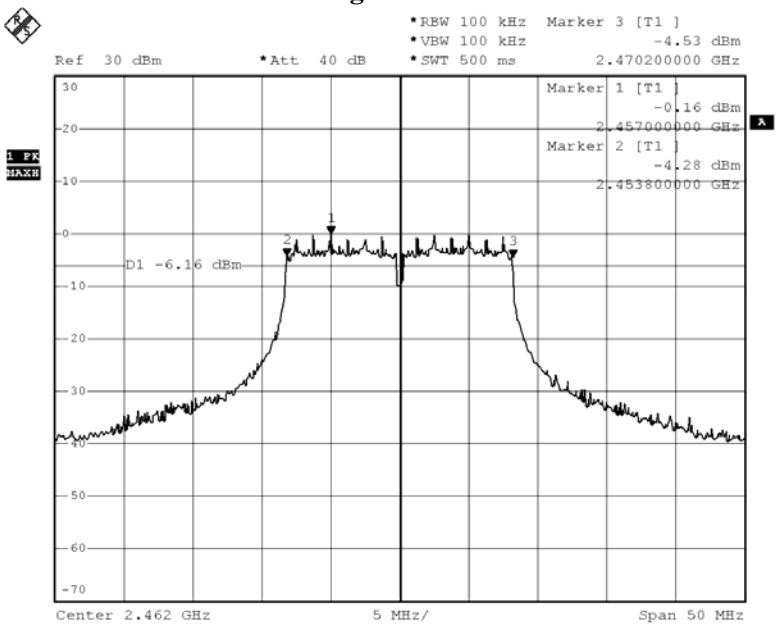


PN1
Date: 23.APR.2007 15:32:53

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (6Mbps)	2462.00	16400	>500	Pass

Figure Channel 11:

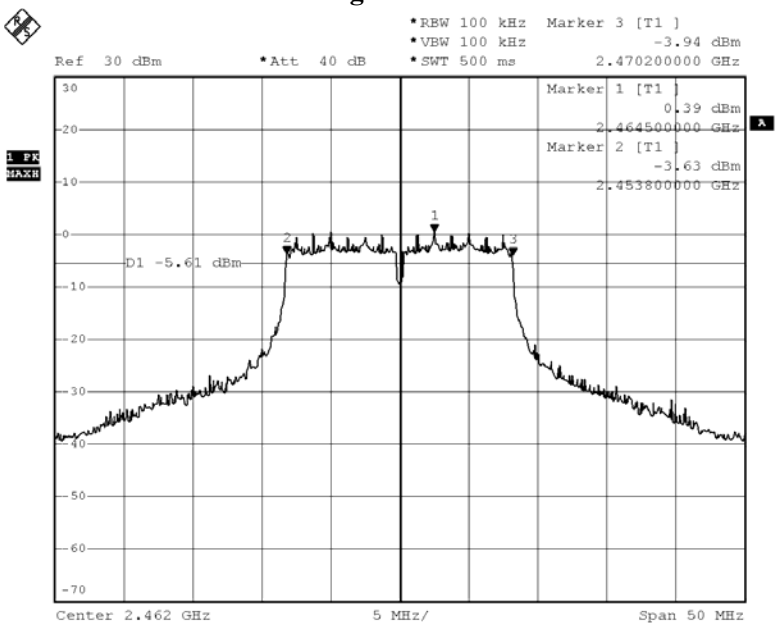


PN1
Date: 23.APR.2007 15:03:50

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (6Mbps)	2462.00	16400	>500	Pass

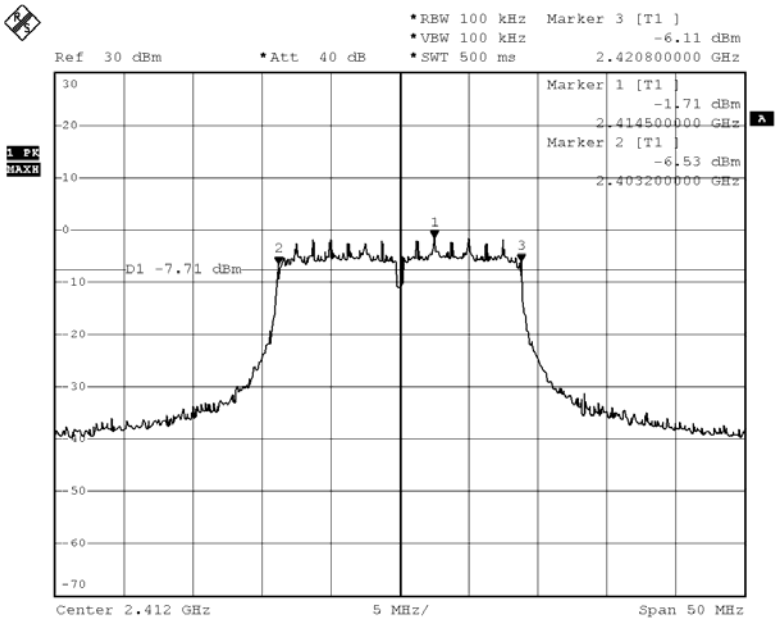
Figure Channel 11:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1(HT0 Mbps)	2412.00	17600	>500	Pass

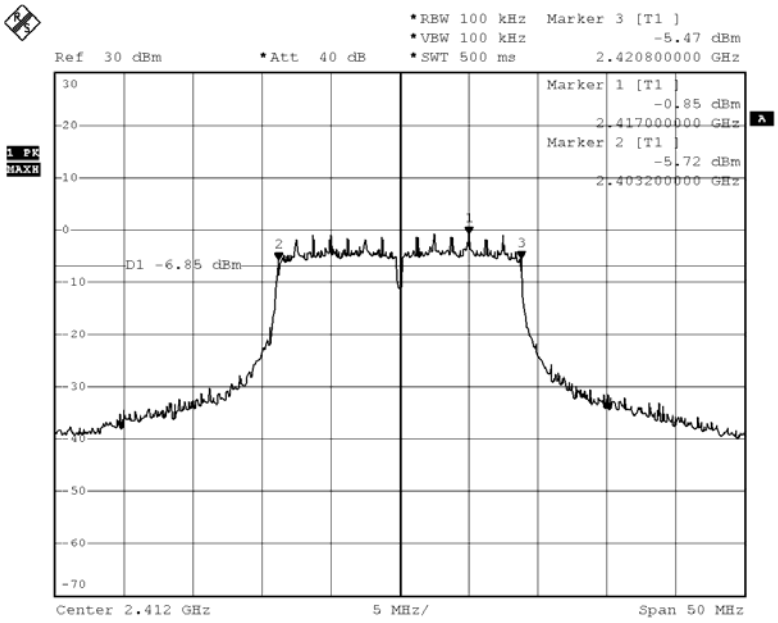
Figure Channel 1:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1(HT0 Mbps)	2412.00	17600	>500	Pass

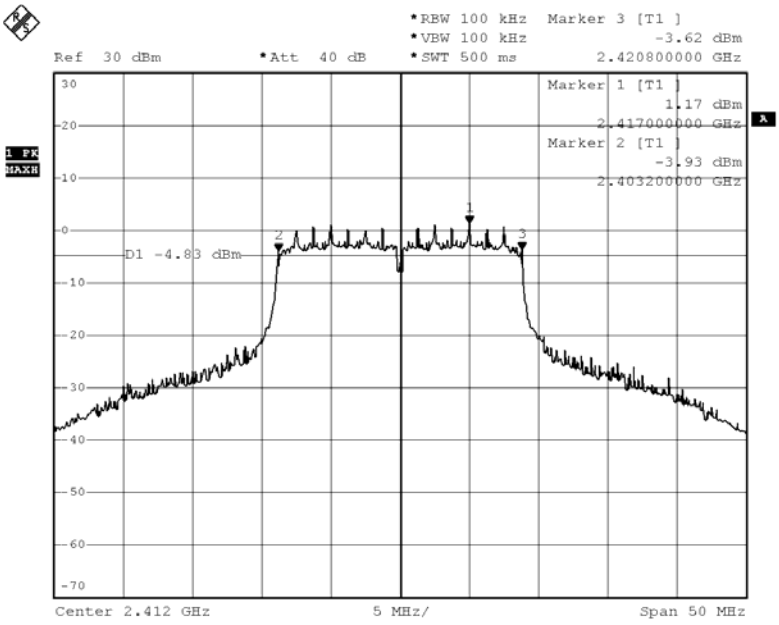
Figure Channel 1:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (HT8 Mbps)	2412.00	17600	>500	Pass

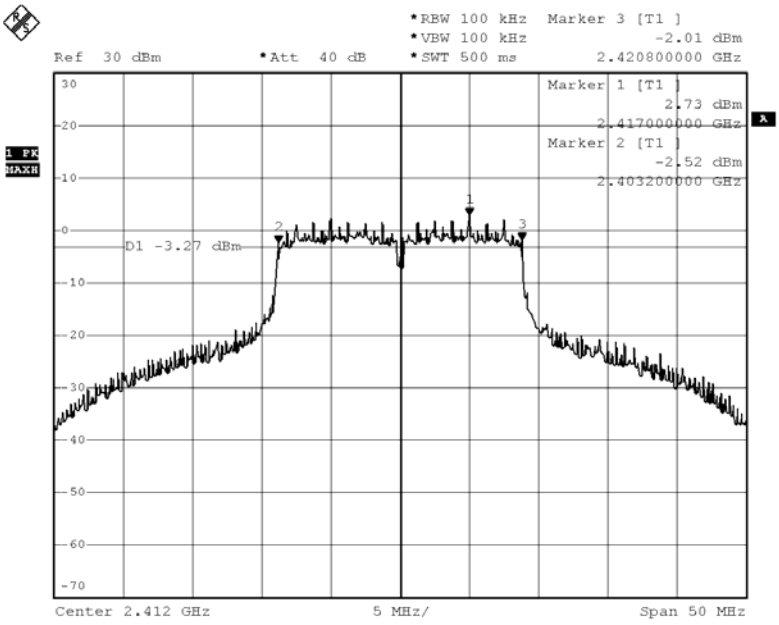
Figure Channel 1 : (Ch. A)



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (HT8 Mbps)	2412.00	17600	>500	Pass

Figure Channel 1 : (Ch.B)

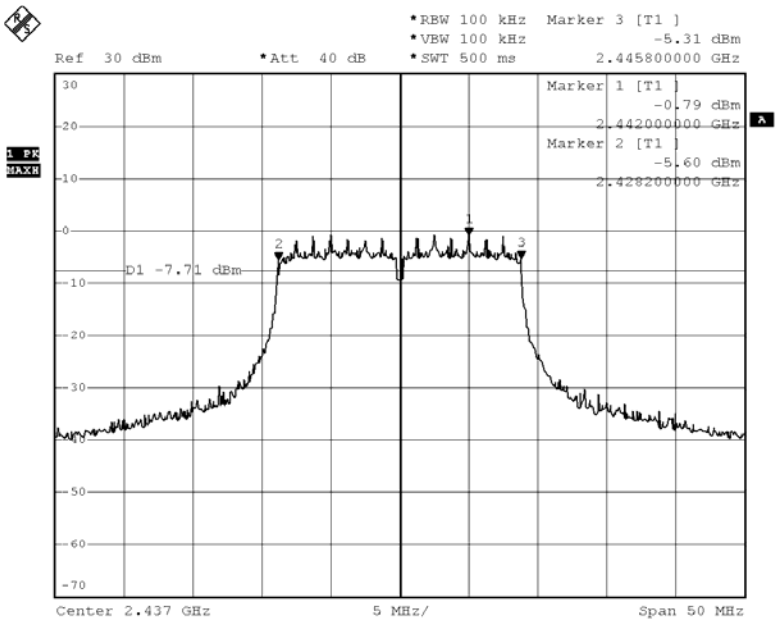


PN1
Date: 23.APR.2007 15:38:34

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6(HT0 Mbps)	2437.00	17600	>500	Pass

Figure Channel 6:

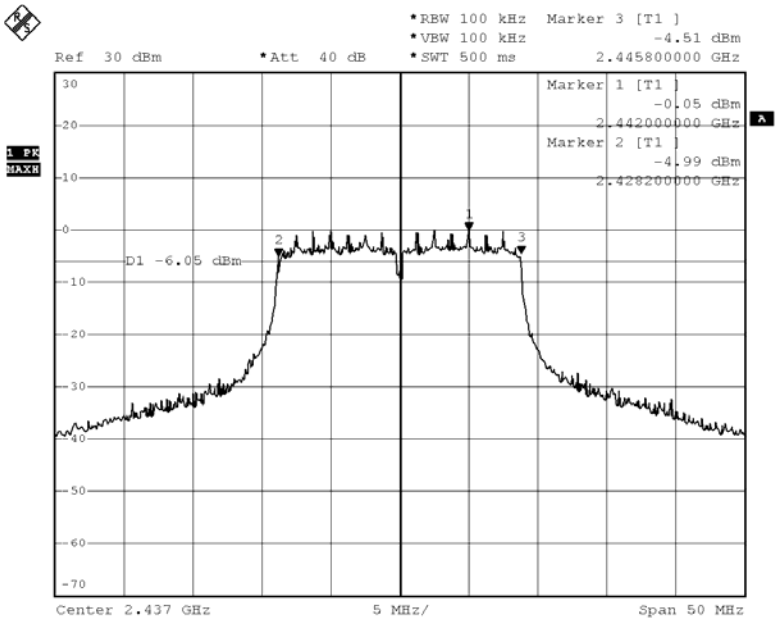


PN1
Date: 23.APR.2007 15:07:05

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6(HT0 Mbps)	2437.00	17600	>500	Pass

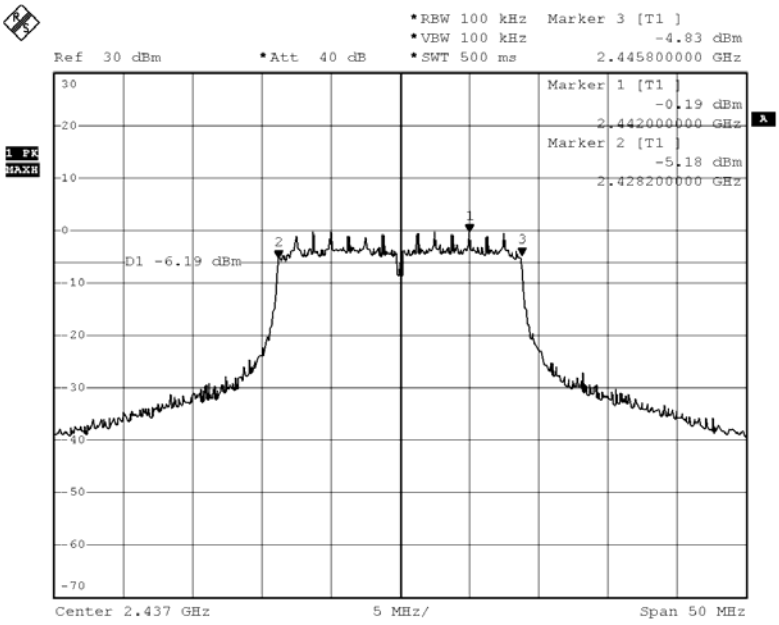
Figure Channel 6:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (HT8 Mbps)	2437.00	17600	>500	Pass

Figure Channel 6 : (Ch.A)

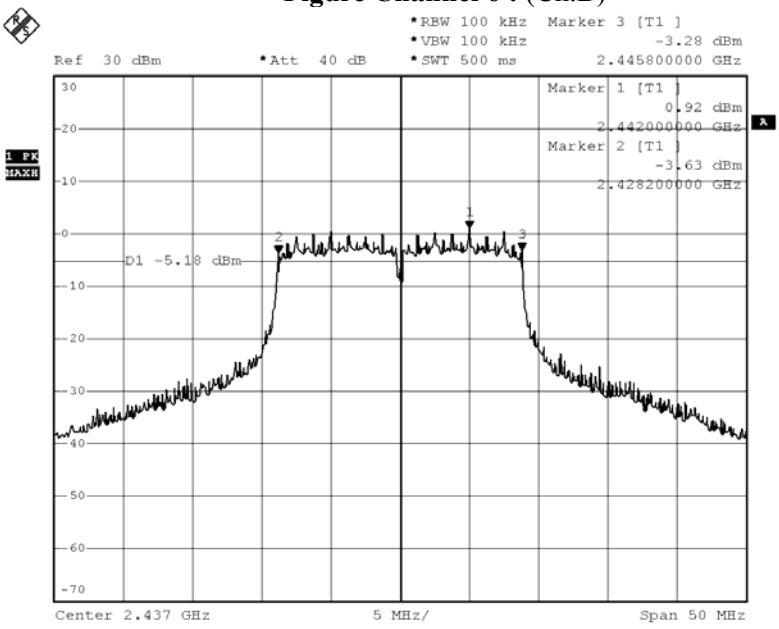


PN1
Date: 23.APR.2007 14:50:39

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (HT8 Mbps)	2437.00	17600	>500	Pass

Figure Channel 6 : (Ch.B)

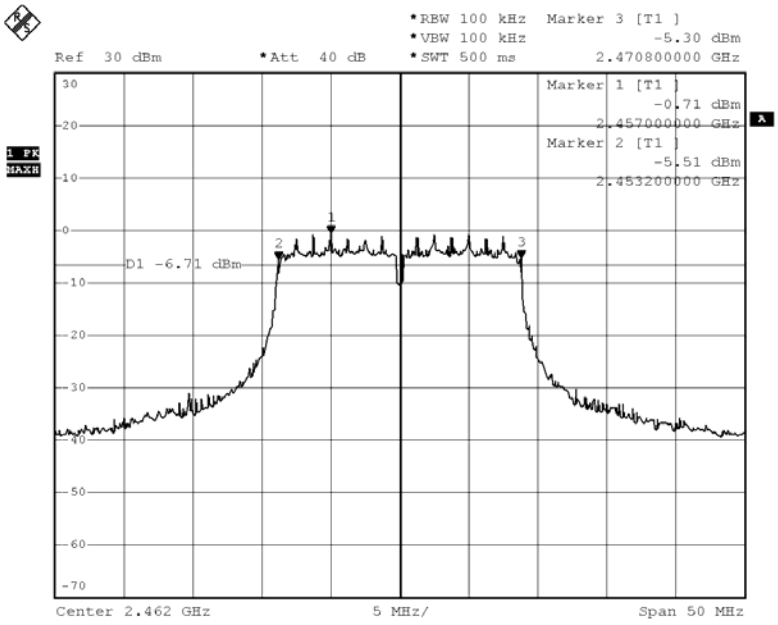


PN1
Date: 23.APR.2007 15:59:18

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) ((Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11(HT0 Mbps)	2462.00	17600	>500	Pass

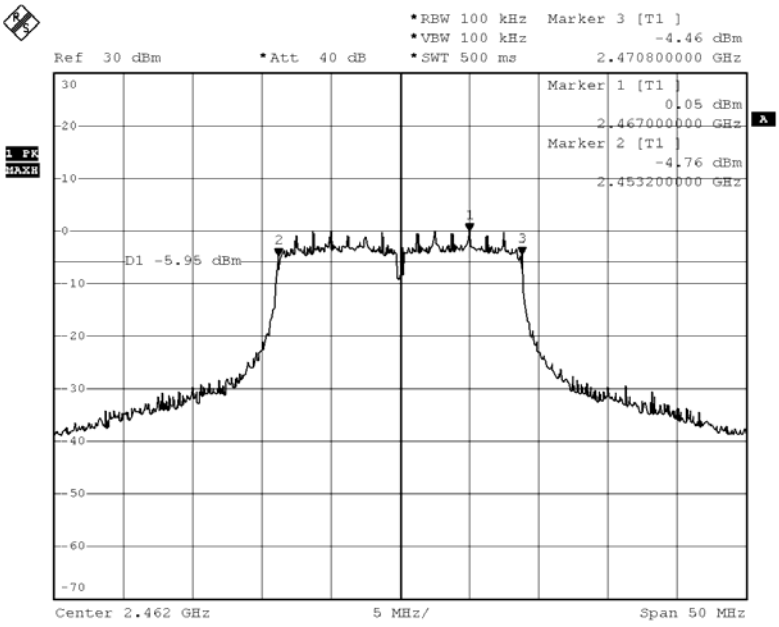
Figure Channel 11:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11(HT0 Mbps)	2462.00	17600	>500	Pass

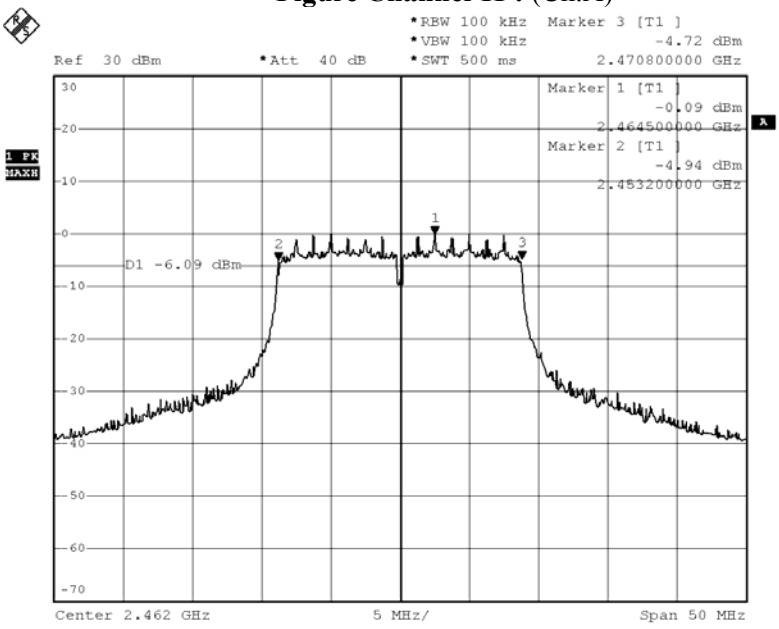
Figure Channel 11:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (HT8 Mbps)	2462.00	17600	>500	Pass

Figure Channel 11 : (Ch.A)

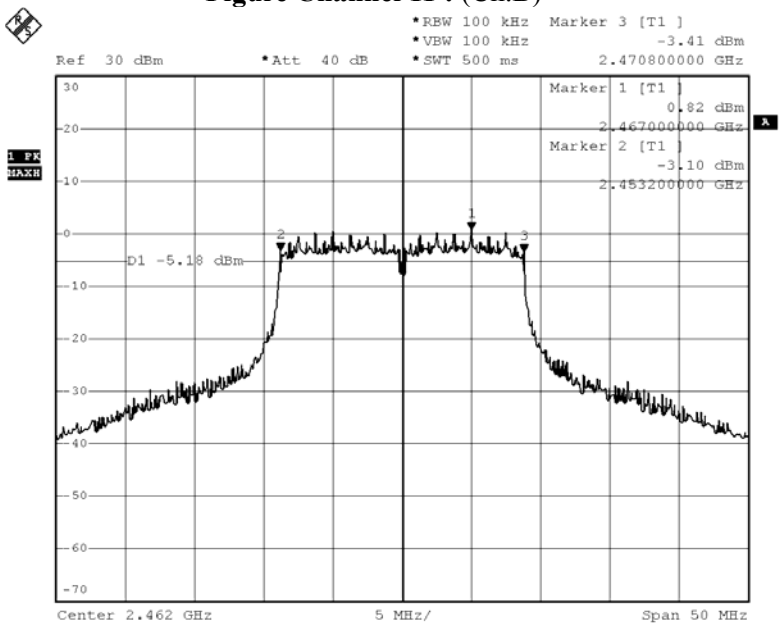


PN1
Date: 23.APR.2007 14:46:20

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (HT8 Mbps)	2462.00	17600	>500	Pass

Figure Channel 11 : (Ch.B)

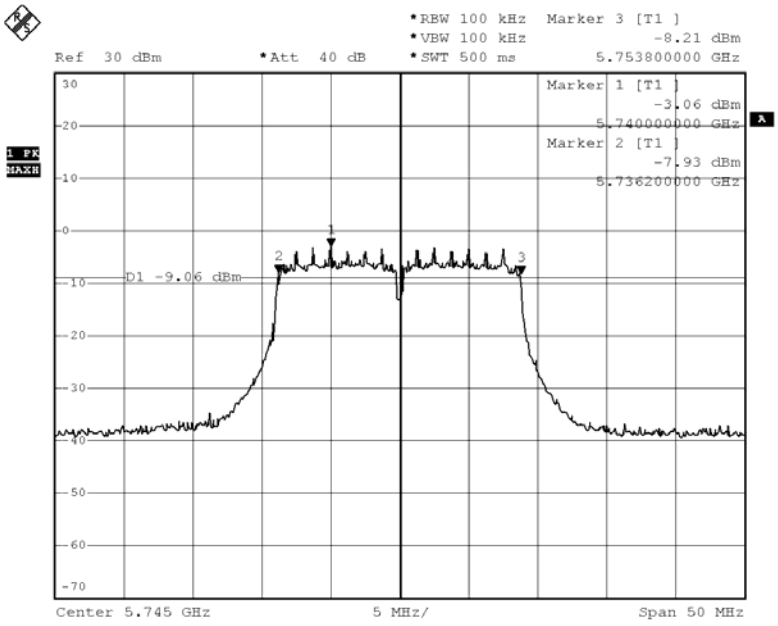


PN1
Date: 23.APR.2007 16:01:37

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M)(5745MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01(HT0Mbps)	5745.00	17600	>500	Pass

Figure Channel 01:

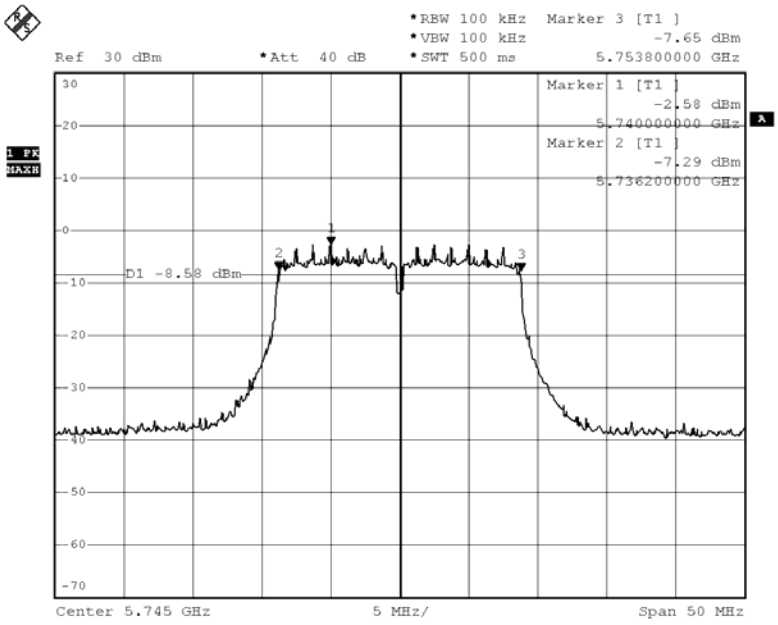


PN1
Date: 23.APR.2007 14:26:07

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (HT0Mbps)	5745.00	17600	>500	Pass

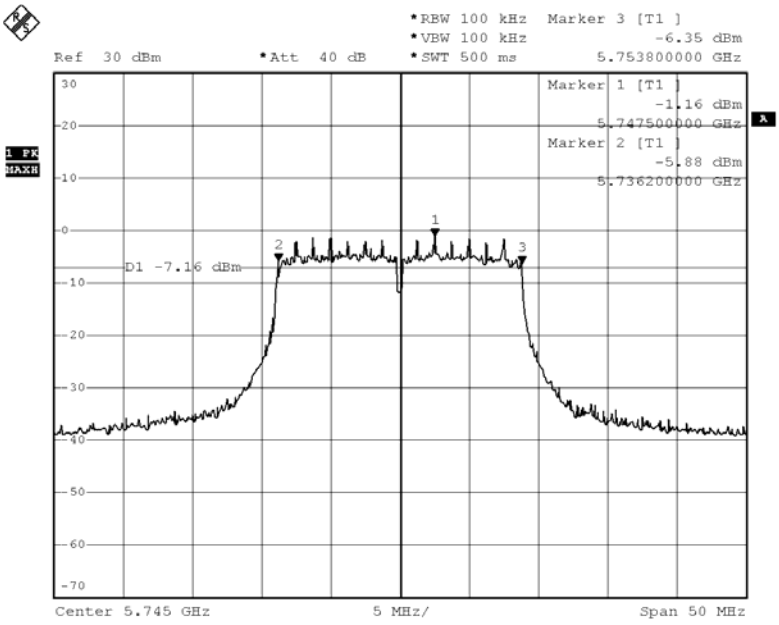
Figure Channel 01:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (HT8 Mbps)	5745.00	17600	>500	Pass

Figure Channel 01 : (Ch. A)

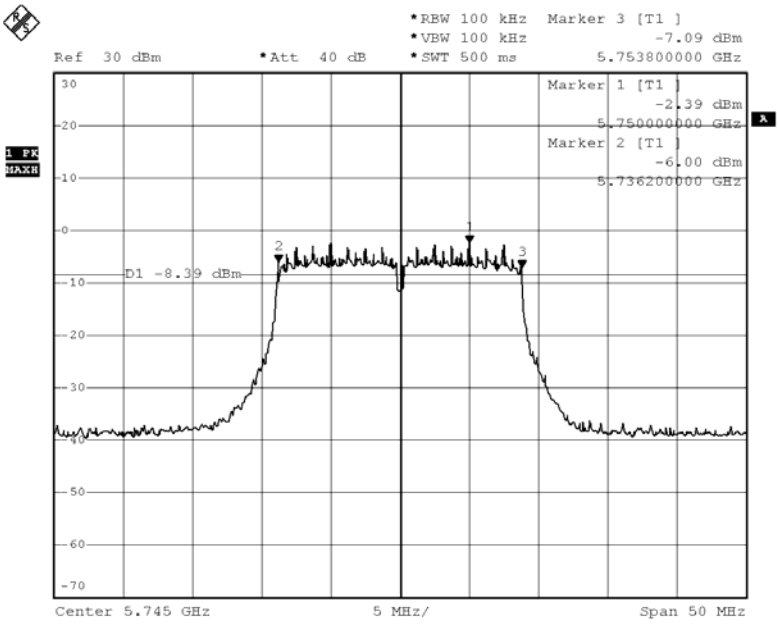


PN1
Date: 23.APR.2007 14:37:20

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01(HT8 Mbps)	5745.00	17600	>500	Pass

Figure Channel 01 : (Ch.B)

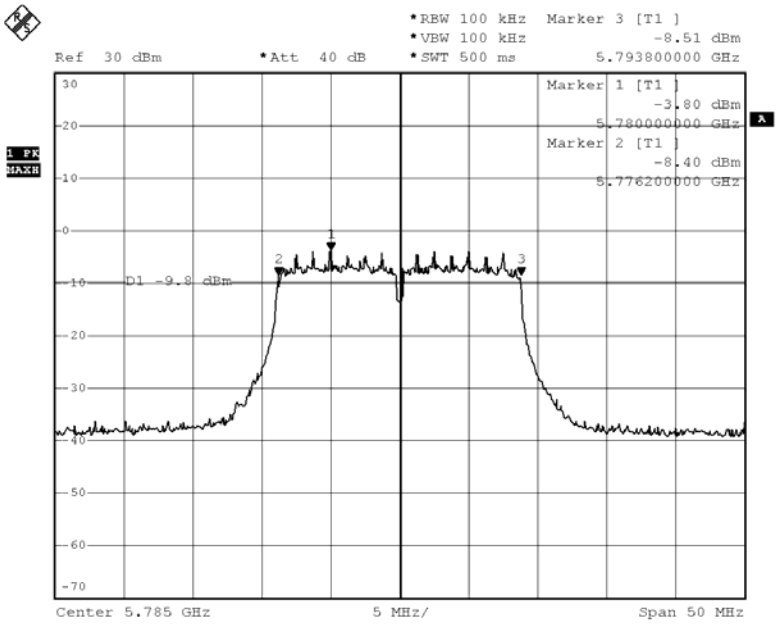


PN1
Date: 23.APR.2007 15:57:00

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03 (HT0Mbps)	5785.00	17600	>500	Pass

Figure Channel 03:

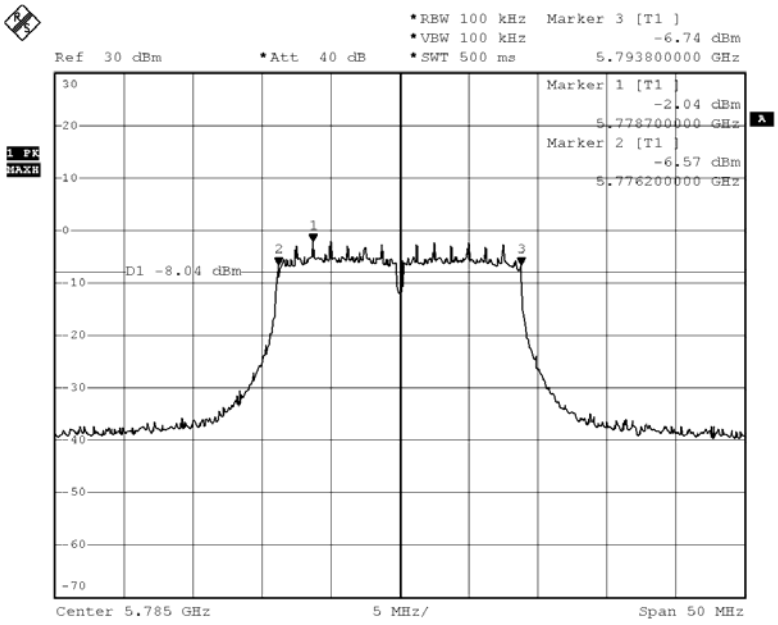


PN1
Date: 23.APR.2007 14:28:54

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B)(Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03(HT0Mbps)	5785.00	17600	>500	Pass

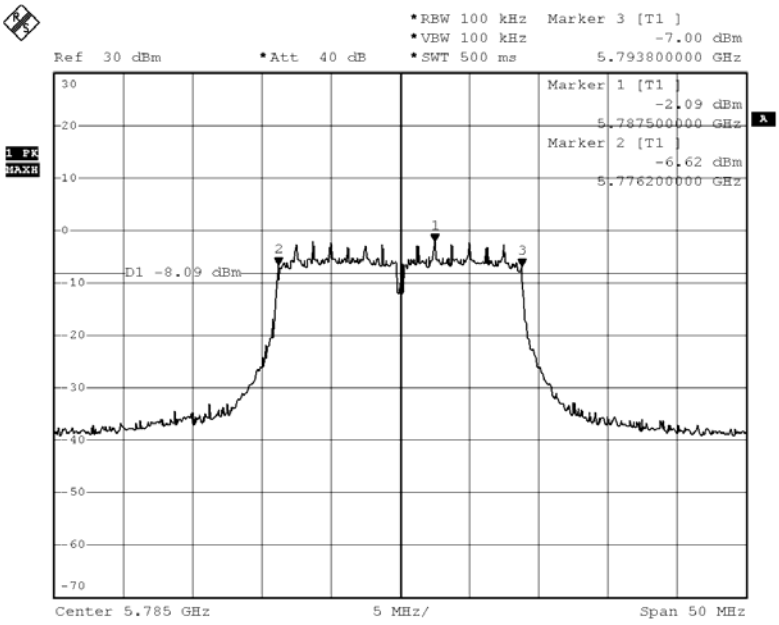
Figure Channel 03:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03 (HT8 Mbps)	5785.00	17600	>500	Pass

Figure Channel 03 : (Ch. A)

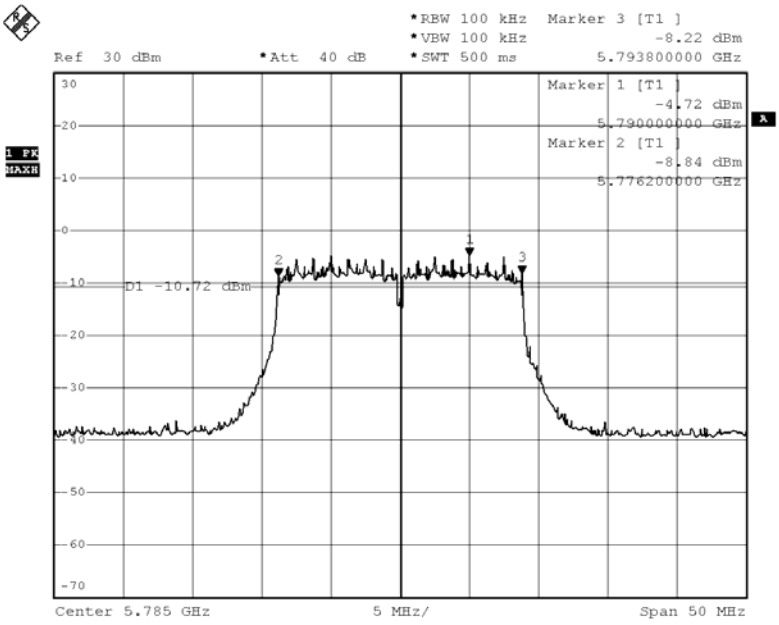


PN1
Date: 23.APR.2007 14:39:19

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03(HT8 Mbps)	5785.00	17600	>500	Pass

Figure Channel 03 : (Ch.B**)**

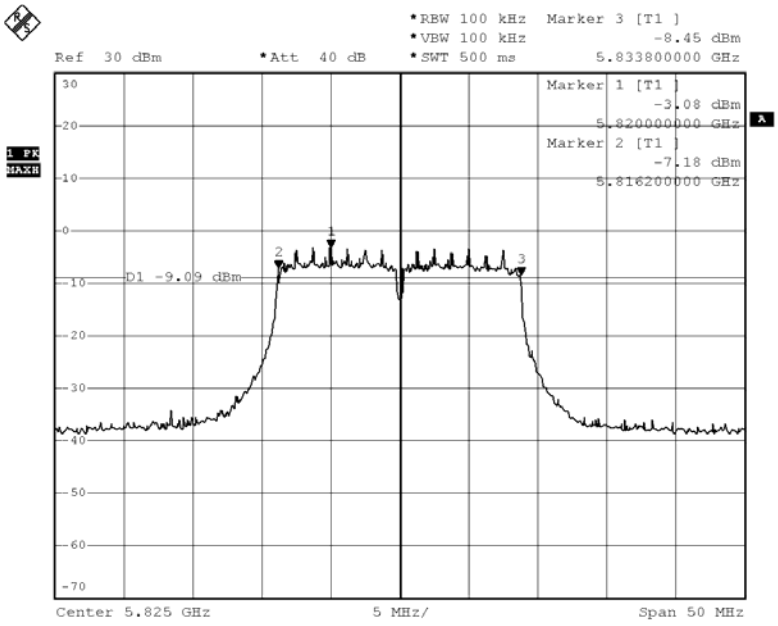


PN1
Date: 23.APR.2007 15:46:44

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05 (HT0Mbps)	5825.00	17600	>500	Pass

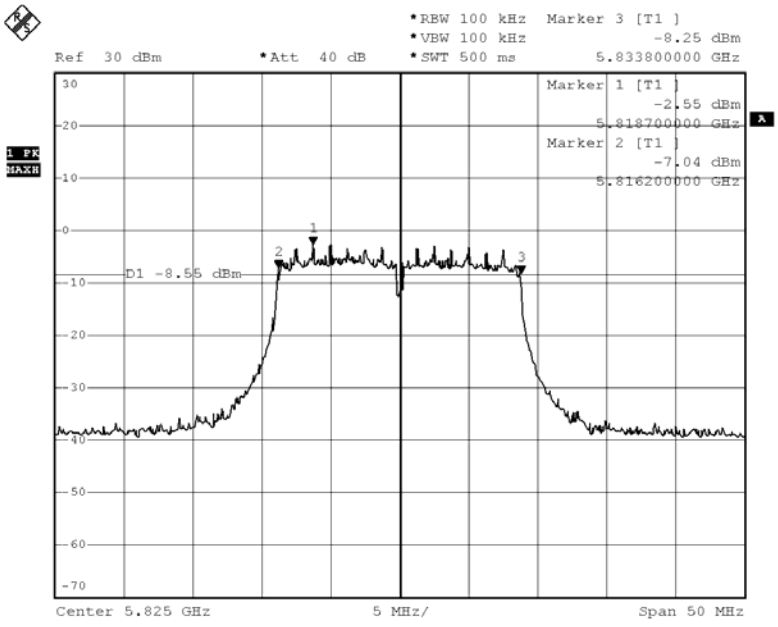
Figure Channel 05:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05 (HT0Mbps)	5825.00	17600	>500	Pass

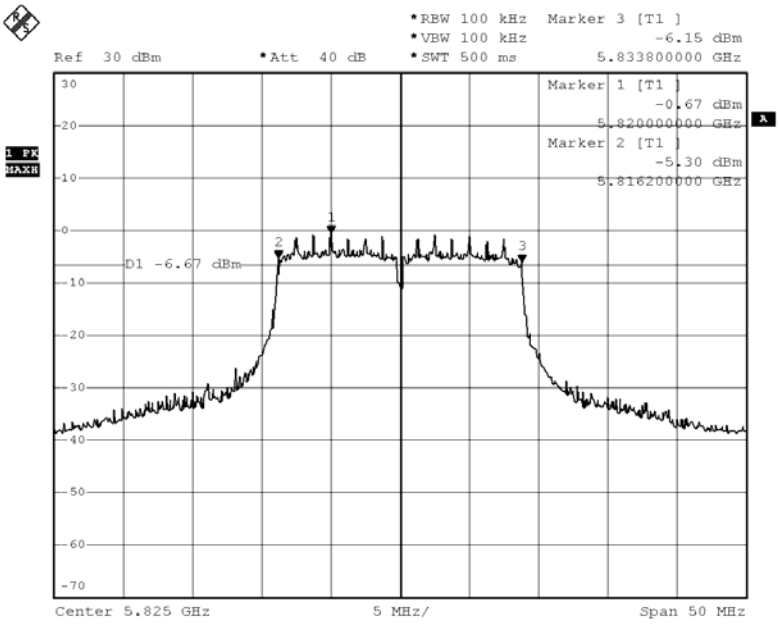
Figure Channel 05:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05(HT8 Mbps)	5825.00	17600	>500	Pass

Figure Channel 05 : (Ch. A)

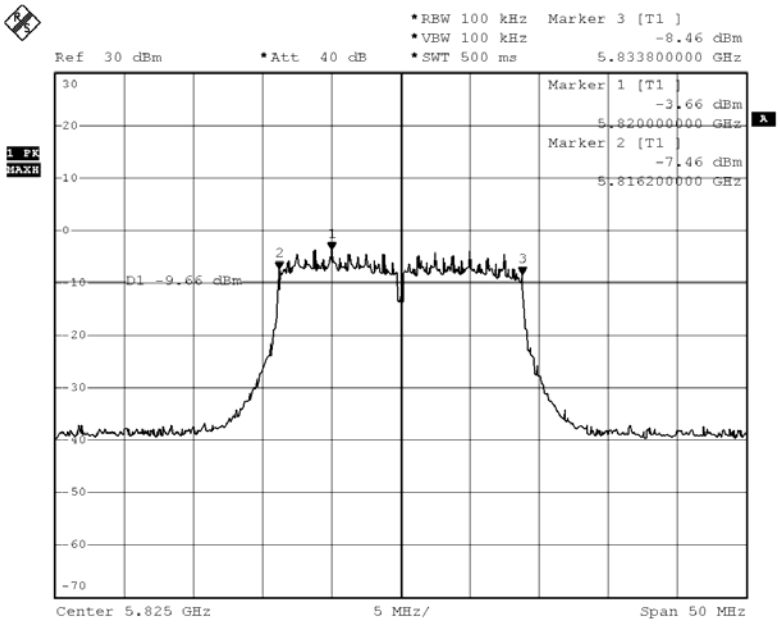


PN1
Date: 23.APR.2007 14:41:24

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
05(HT8 Mbps)	5825.00	17600	>500	Pass

Figure Channel 05 : (Ch.B**)**

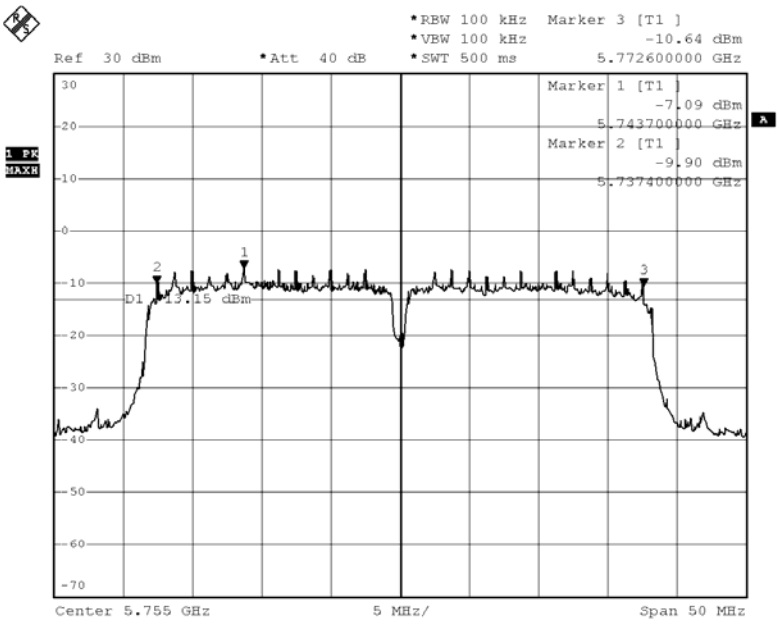


PN1
Date: 23.APR.2007 15:48:15

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (HT0 Mbps)	5755.00	35200	>500	Pass

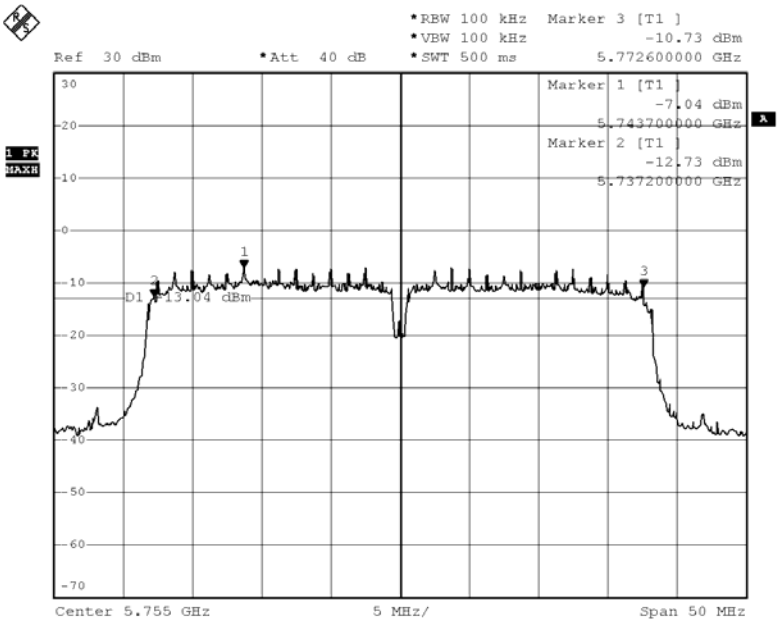
Figure Channel 01:



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M)(5755MHz) (Antenna B)(Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01(HT0 Mbps)	5755.00	35400	>500	Pass

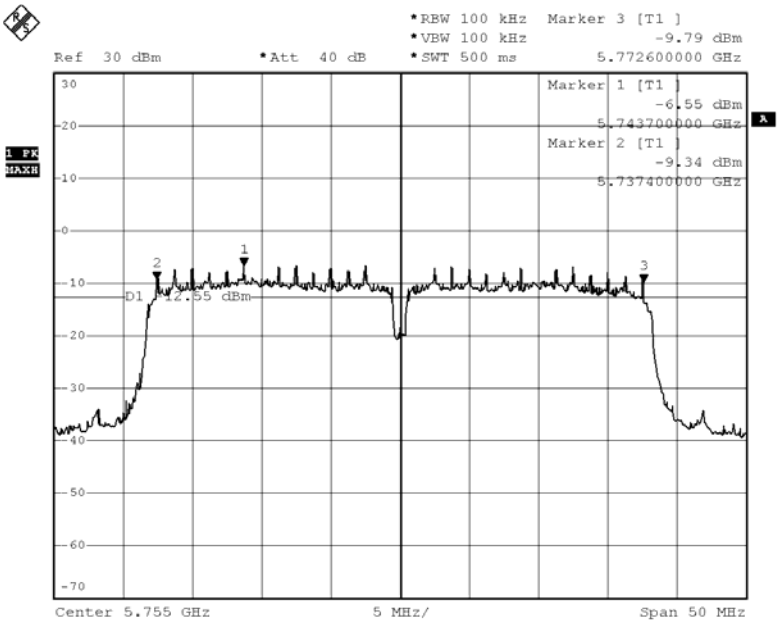
Figure Channel 01 :



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (HT8 Mbps)	5755.00	35200	>500	Pass

Figure Channel 01 : (Ch. A)

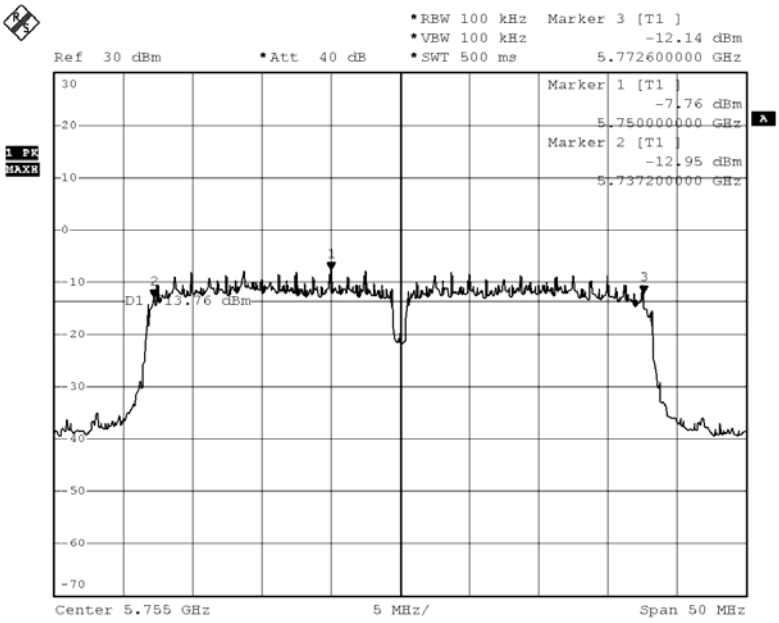


PN1
Date: 23.APR.2007 14:43:15

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01 (HT8 Mbps)	5755.00	35400	>500	Pass

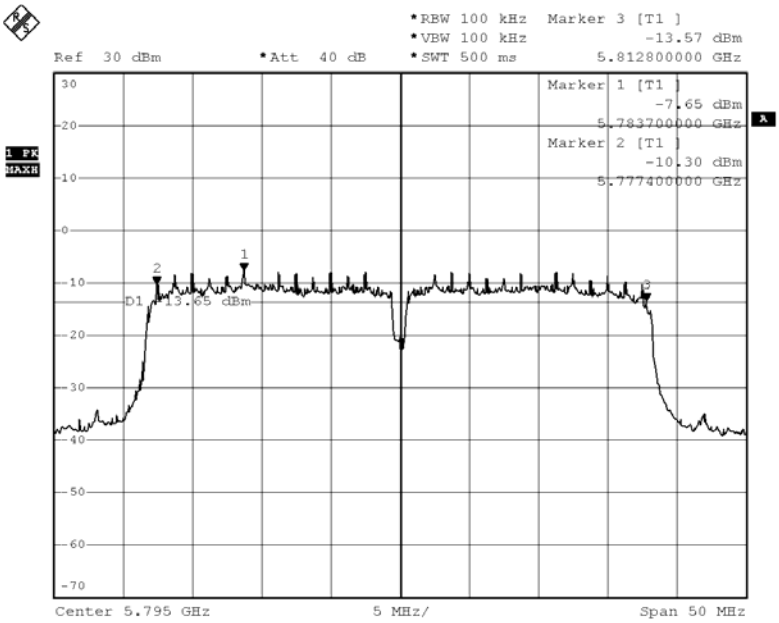
Figure Channel 01 : (Ch.B)



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
02(HT0 Mbps)	5795.00	35400	>500	Pass

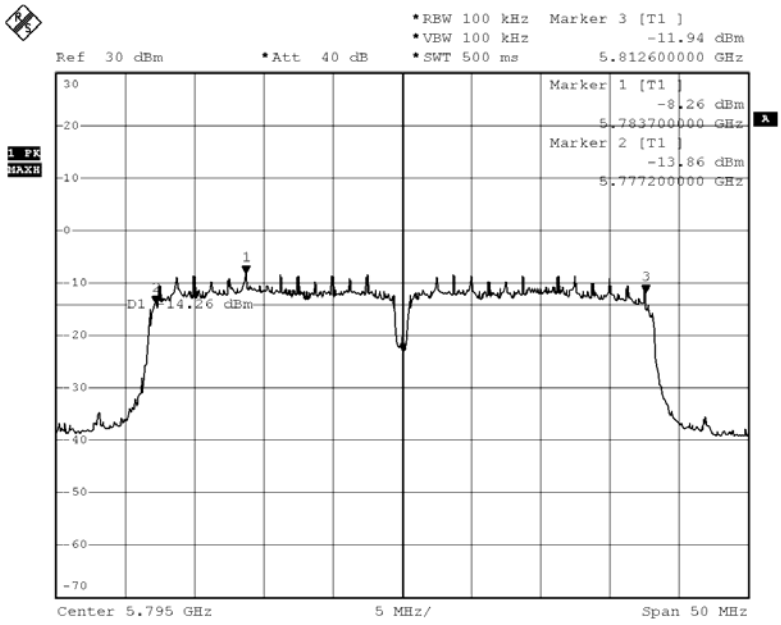
Figure Channel 02 :



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B)(Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
02 (HT0 Mbps)	5795.00	35400	>500	Pass

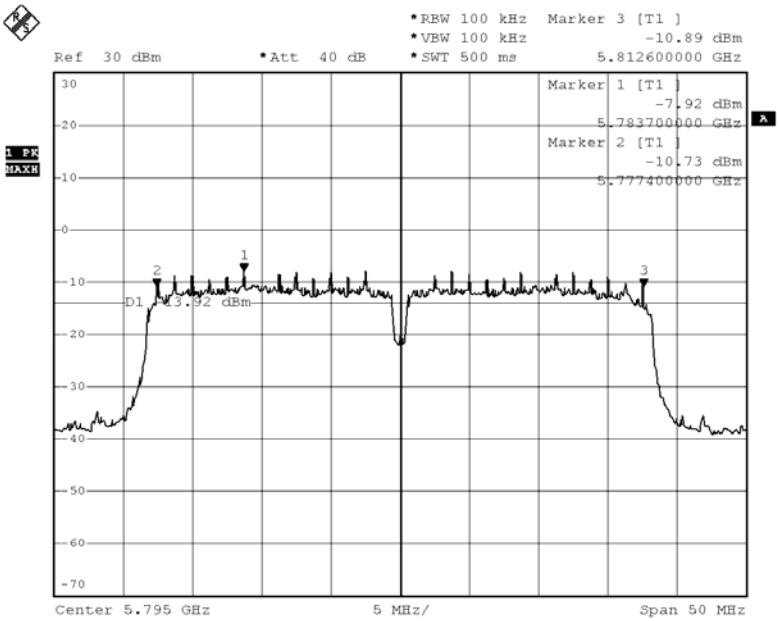
Figure Channel 02 :



Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
02 (HT8 Mbps)	5795.00	35200	>500	Pass

Figure Channel 02 : (Ch. A)

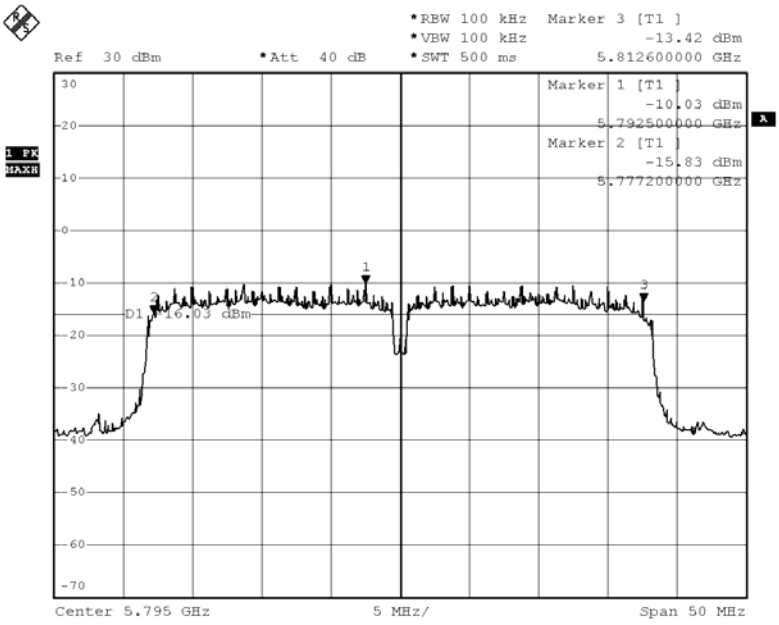


PN1
Date: 23.APR.2007 14:44:40

Product : Notebook P.C.
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
02(HT8 Mbps)	5795.00	35400	>500	Pass

Figure Channel 02 : (Ch.B)



PN1
Date: 23.APR.2007 16:04:57

7. Power Density

7.1. Test Equipment

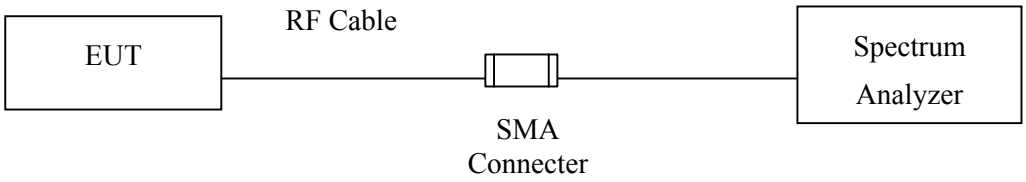
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	R&S	FSP40 / 100170	Nov, 2006

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

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

7.2. Test Setup



7.3. Limits

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater 8dBm in any 3kHz band during any time interval of continuous transmission.

7.4. Uncertainty

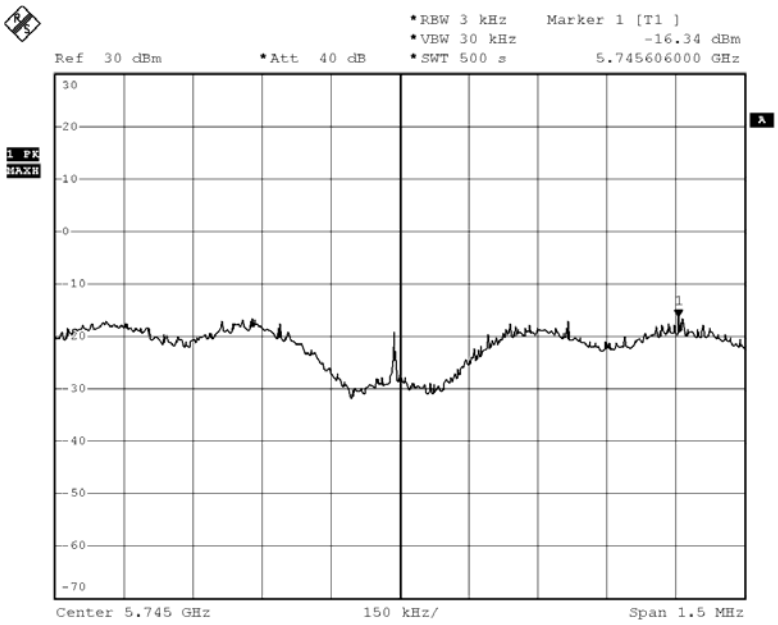
± 1.27 dB

7.5. Test Result of Power Density

Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01 (6Mbps)	5745	-16.34	< 8dBm	Pass

Figure Channel 01:

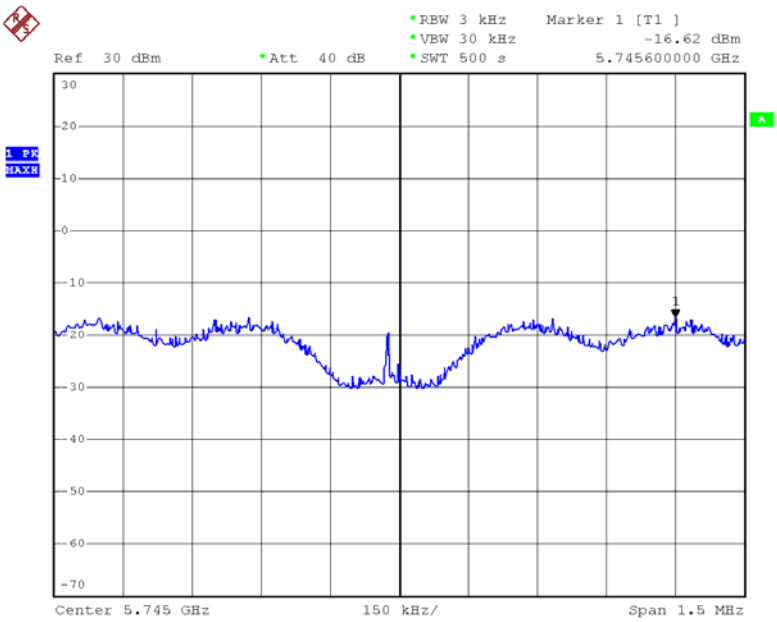


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter 802.11a (5745MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01 (6Mbps)	5745	-16.62	< 8dBm	Pass

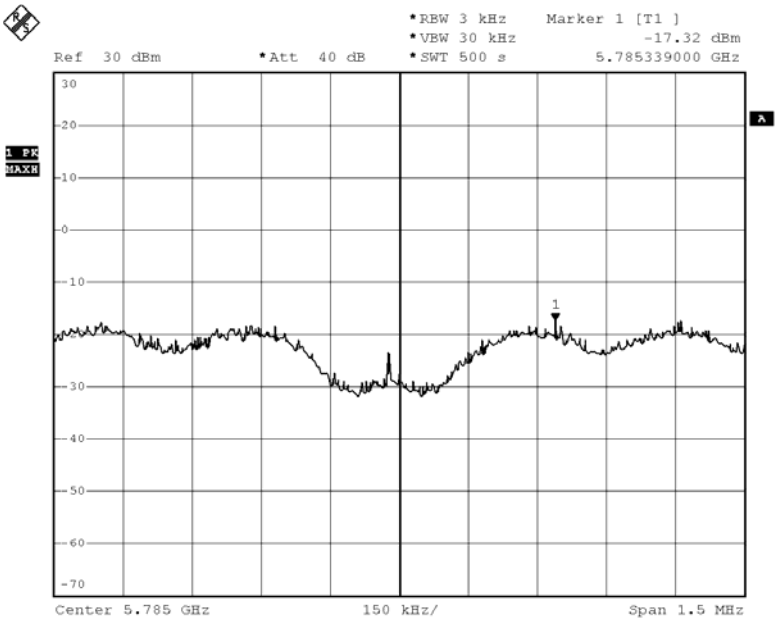
Figure Channel 01:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
03(6Mbps)	5785	-17.32	< 8dBm	Pass

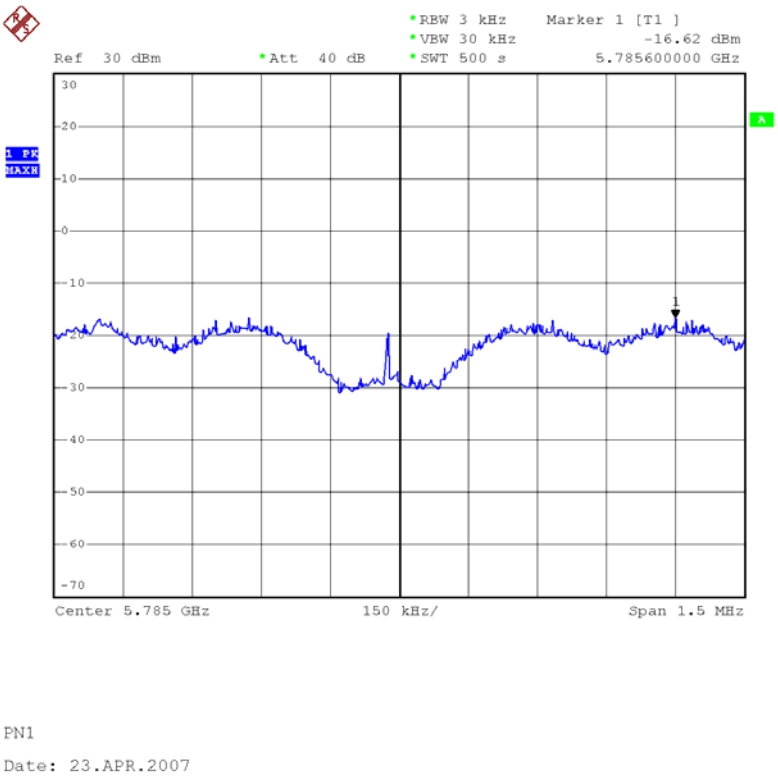
Figure Channel 03:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 1: Transmitter 802.11a (5785MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
03(6Mbps)	5785	-16.62	< 8dBm	Pass

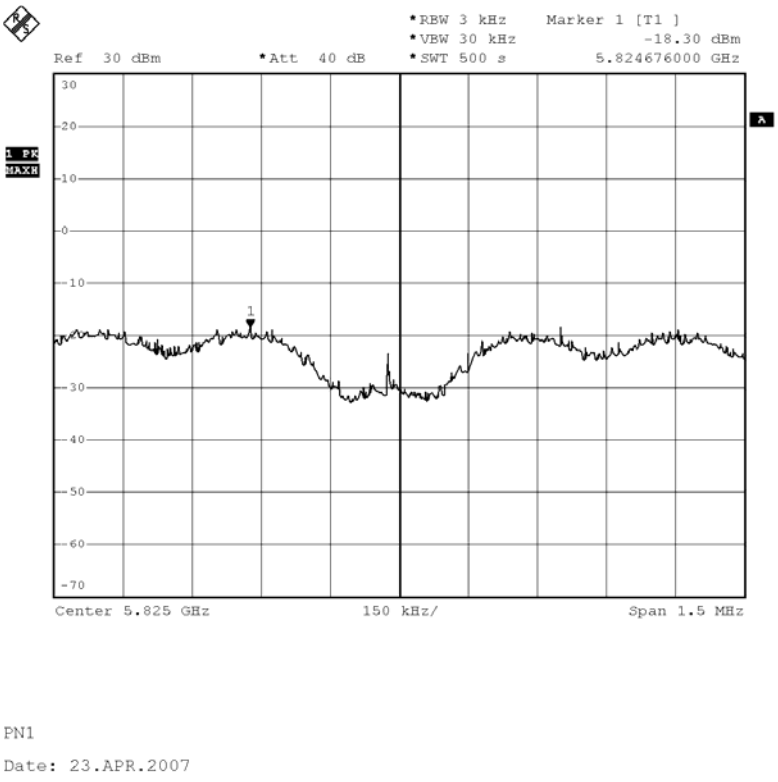
Figure Channel 03:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
05(6Mbps)	5825	-18.30	< 8dBm	Pass

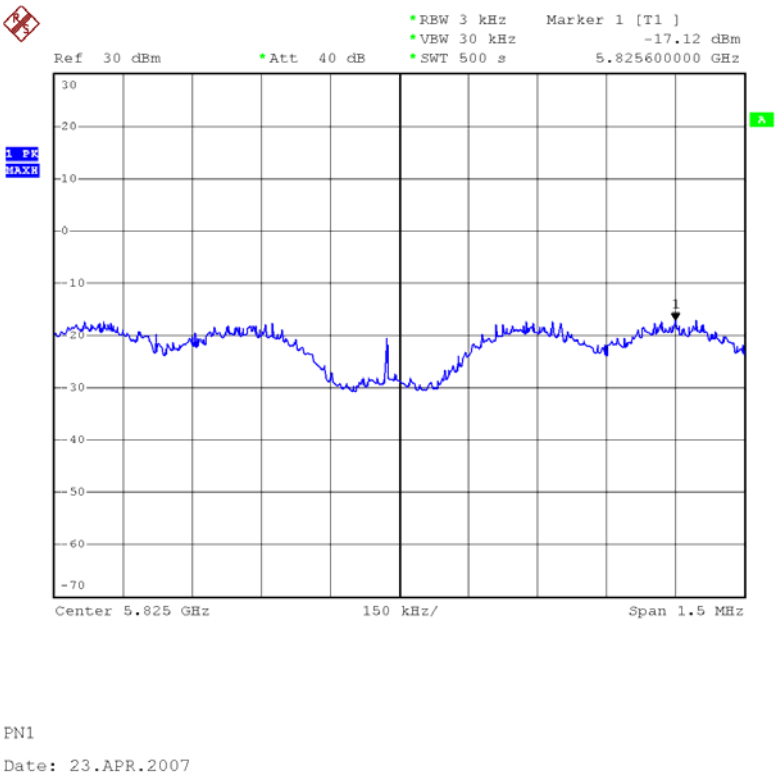
Figure Channel 05:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 1: Transmitter 802.11a (5825MHz) (Antenna B)(Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
05(6Mbps)	5825	-17.12	< 8dBm	Pass

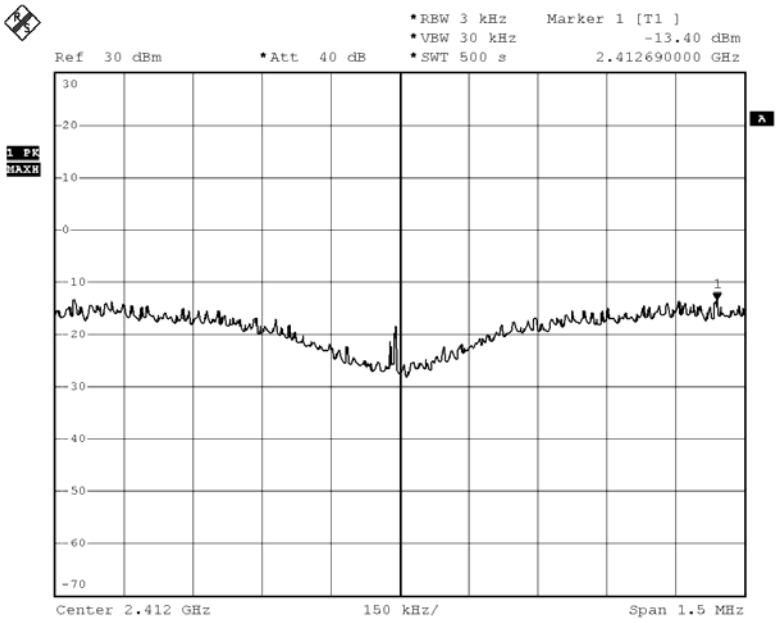
Figure Channel 05:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (1Mbps)	2412	-13.40	< 8dBm	Pass

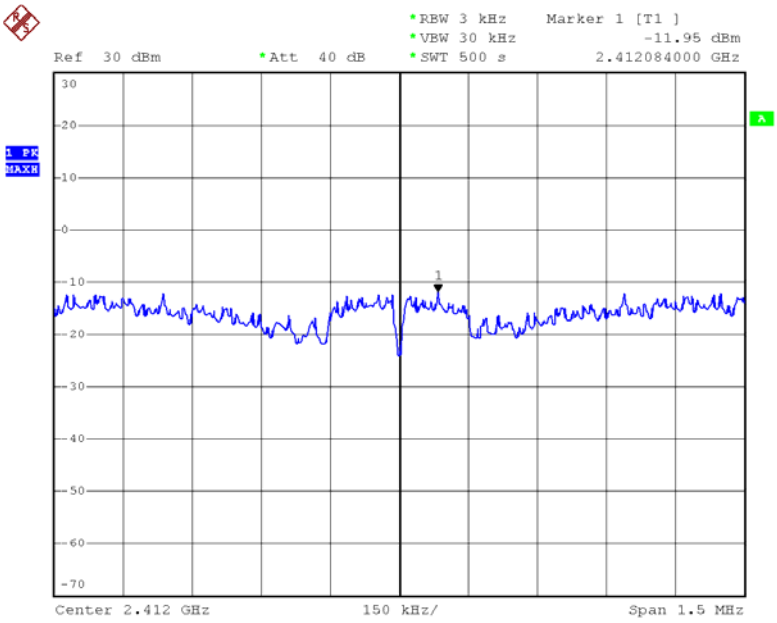
Figure Channel 1:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (1Mbps)	2412	-11.95	< 8dBm	Pass

Figure Channel 1:

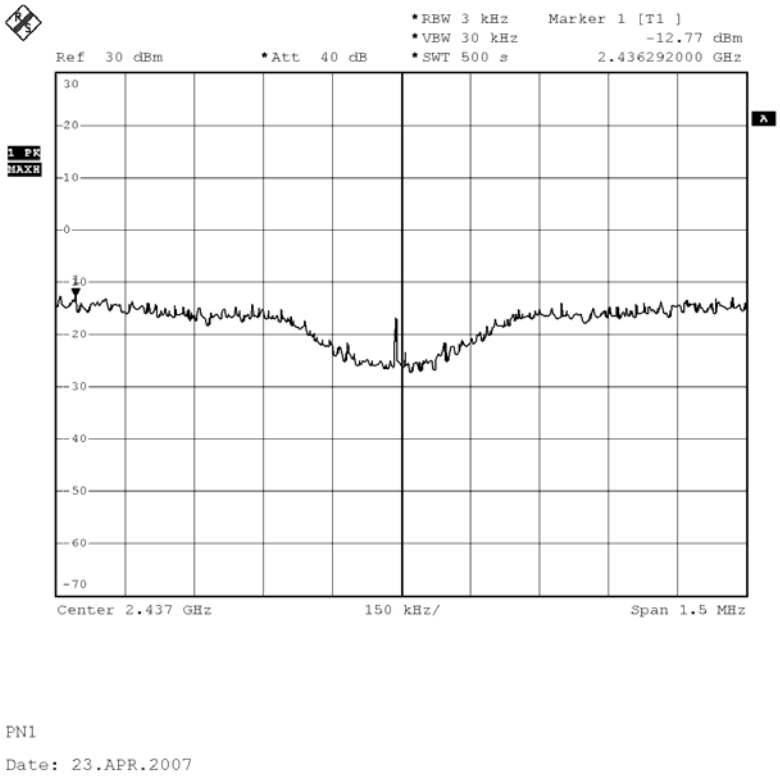


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 2: Transmitter 802.11b (2437MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (1Mbps)	2437	-12.77	< 8dBm	Pass

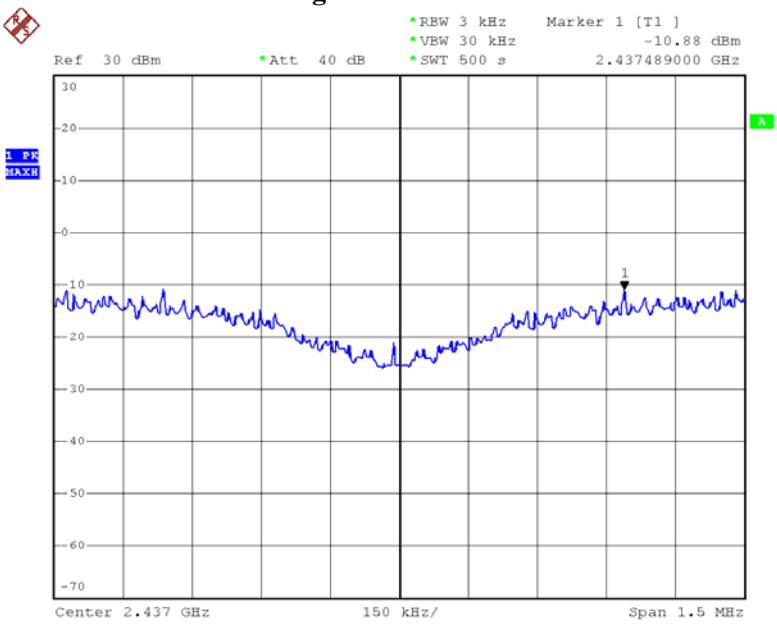
Figure Channel 6:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 2: Transmitter 802.11b (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (1Mbps)	2437	-10.88	< 8dBm	Pass

Figure Channel 6:

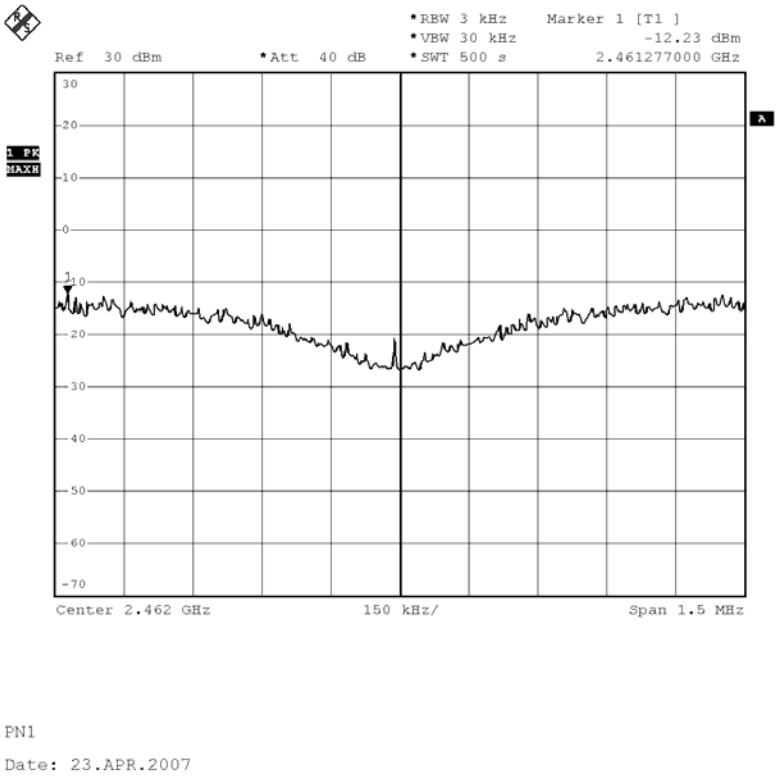


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (1Mbps)	2462	-12.23	< 8dBm	Pass

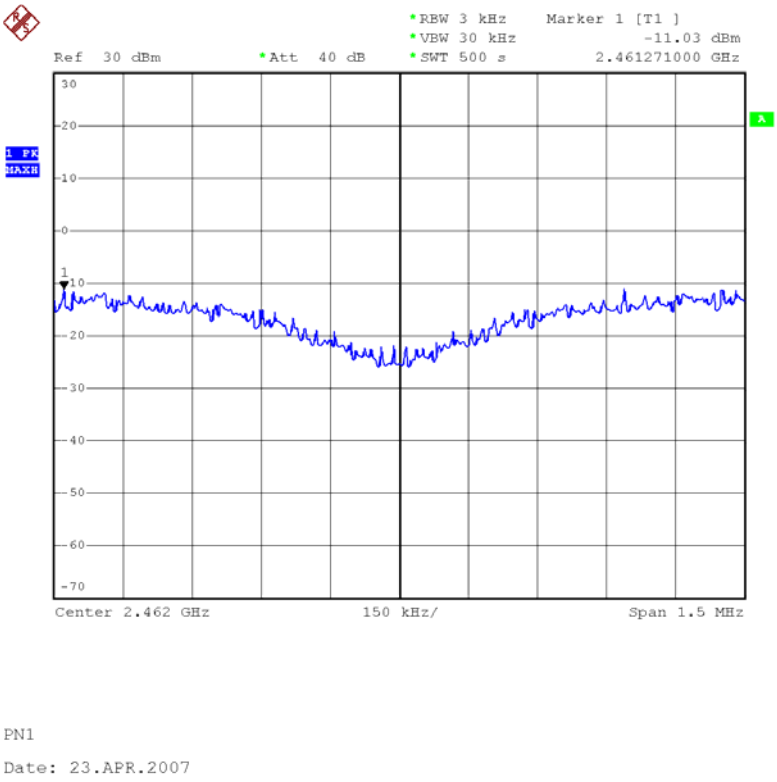
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter 802.11b (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (1Mbps)	2462	-11.03	< 8dBm	Pass

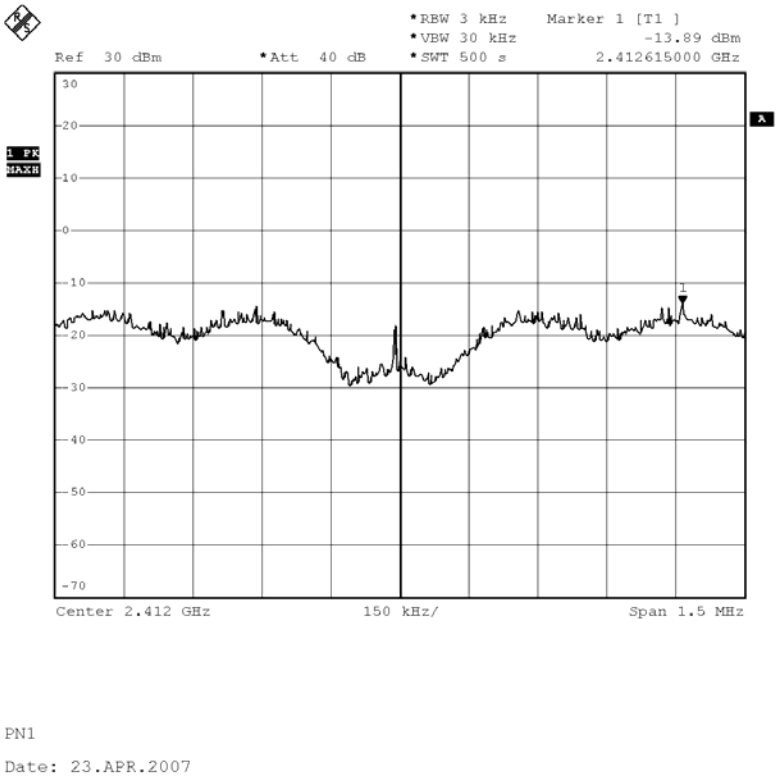
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (6Mbps)	2412	-13.89	< 8dBm	Pass

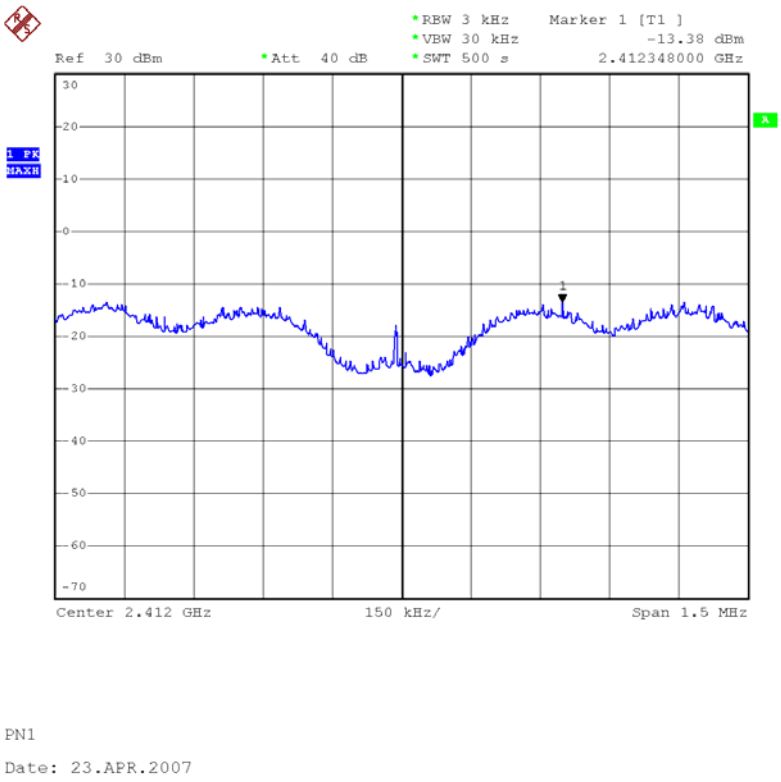
Figure Channel 1:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1 (6Mbps)	2412	-13.38	< 8dBm	Pass

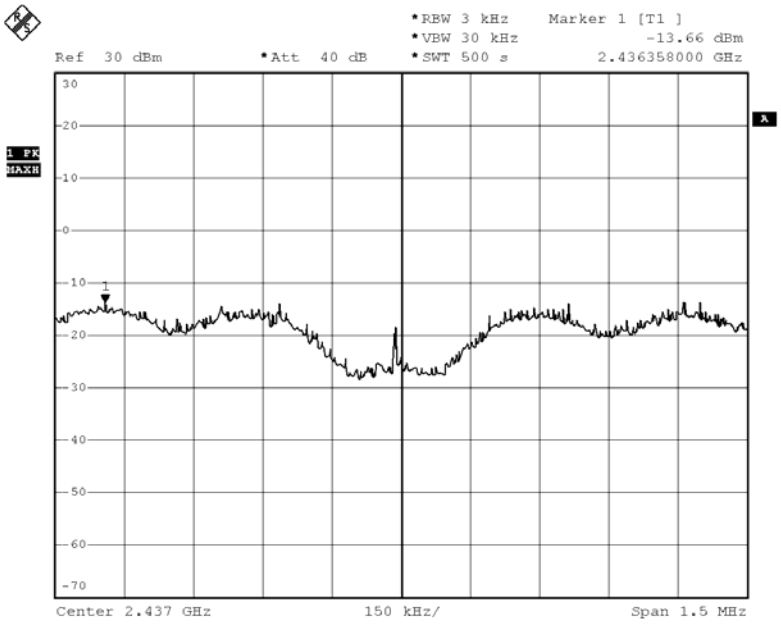
Figure Channel 1:



Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (ChA)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (6Mbps)	2437	-13.66	< 8dBm	Pass

Figure Channel 6:

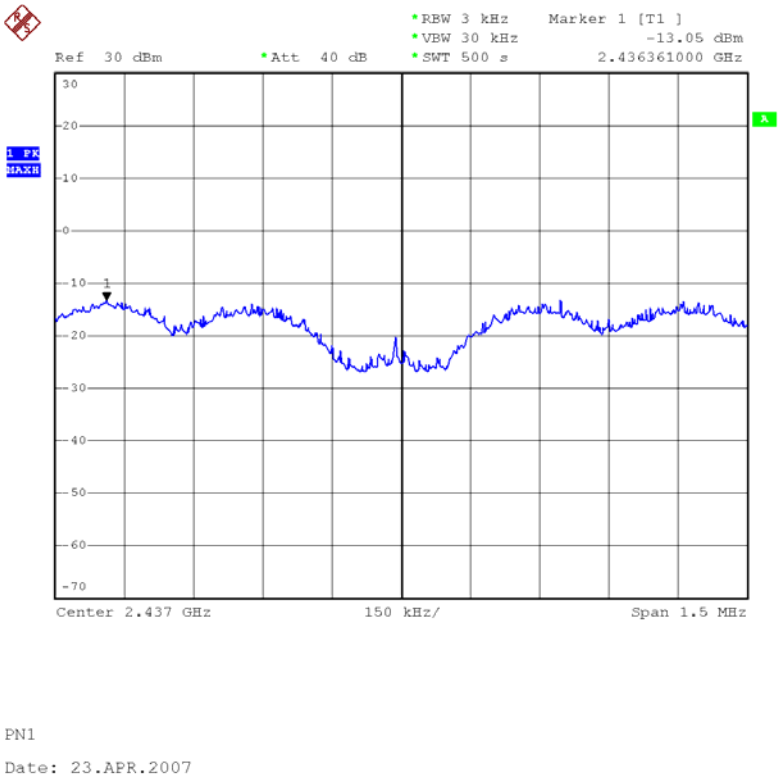


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Power Density Data
Test Site : No.3OATS
Test Mode : Mode 3: Transmitter 802.11g (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (6Mbps)	2437	-13.05	< 8dBm	Pass

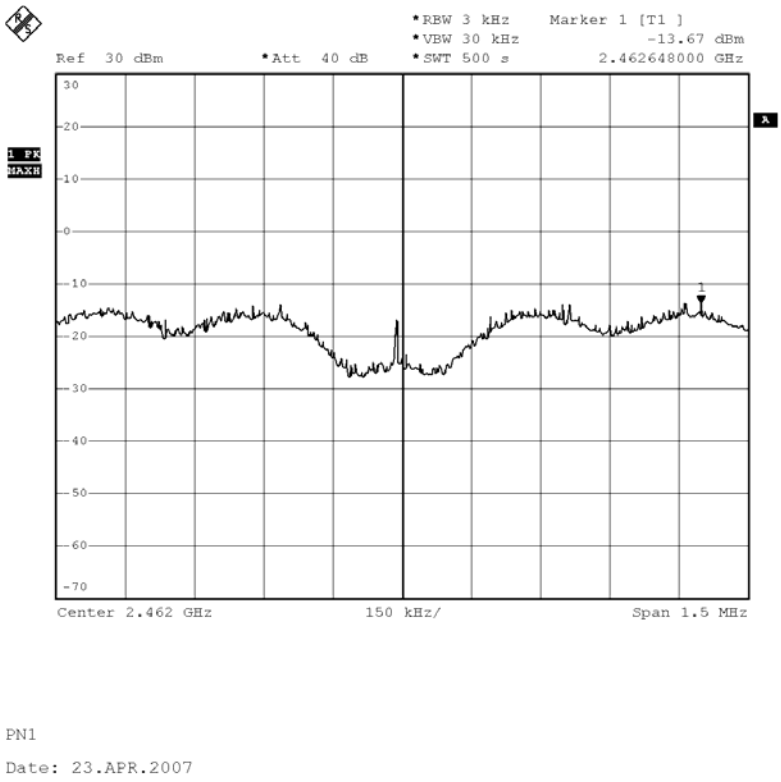
Figure Channel 6:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (6Mbps)	2462	-13.67	< 8dBm	Pass

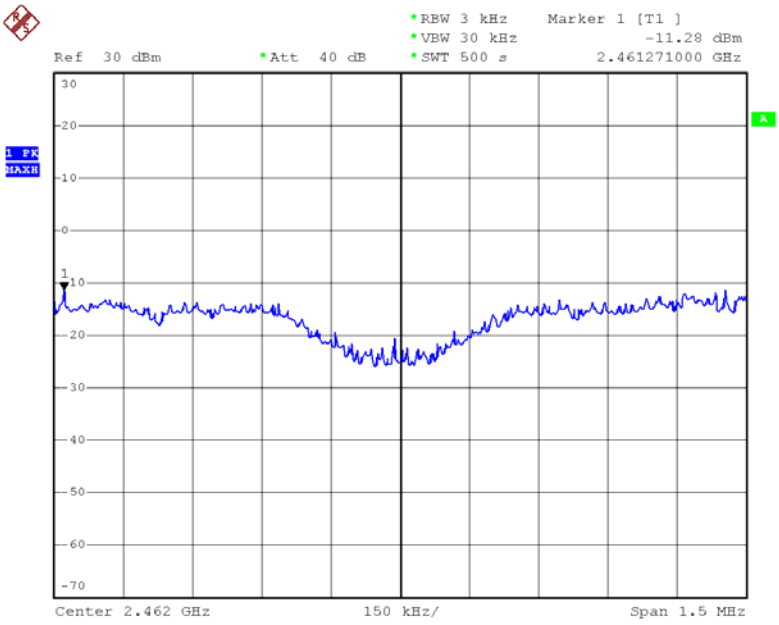
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter 802.11g (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (6Mbps)	2462	-11.28	< 8dBm	Pass

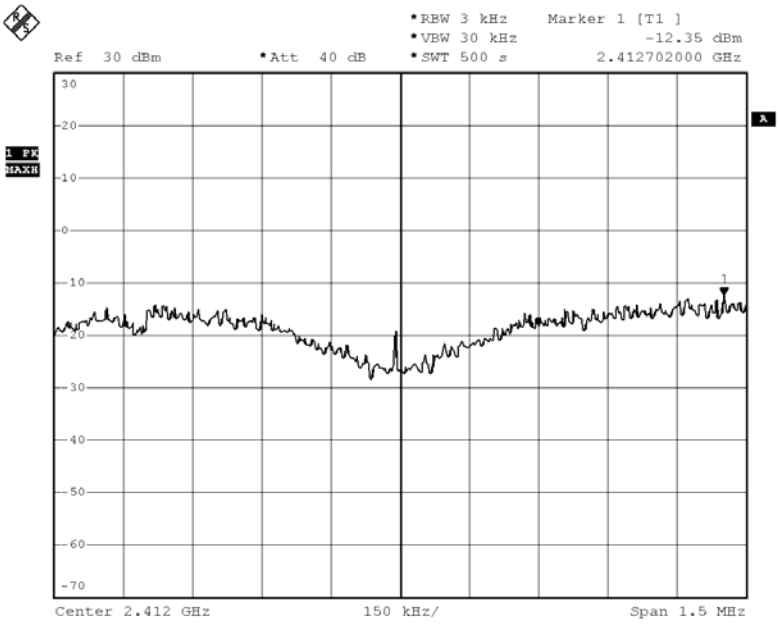
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
1(HT0Mbps)	2412	-12.35	< 8dBm	Pass

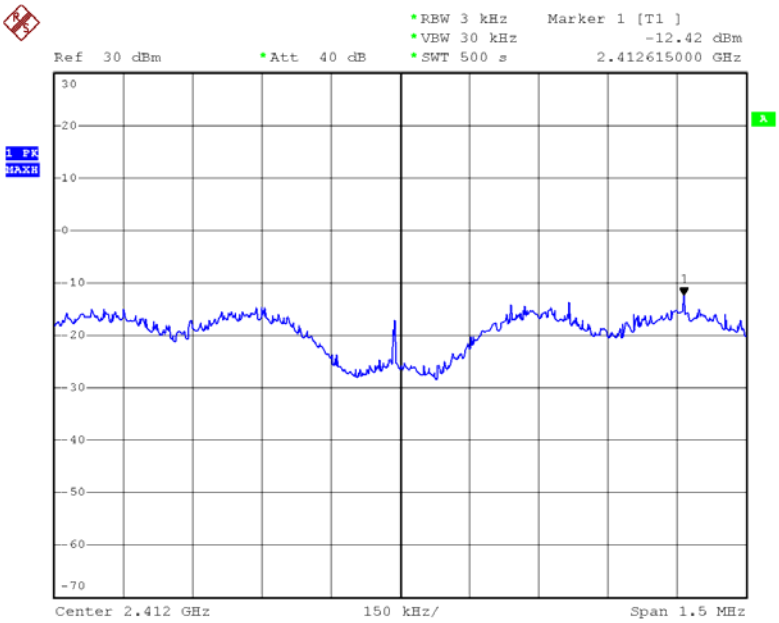
Figure Channel 1:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
1(HT0Mbps)	2412	-12.42	< 8dBm	Pass

Figure Channel 1:

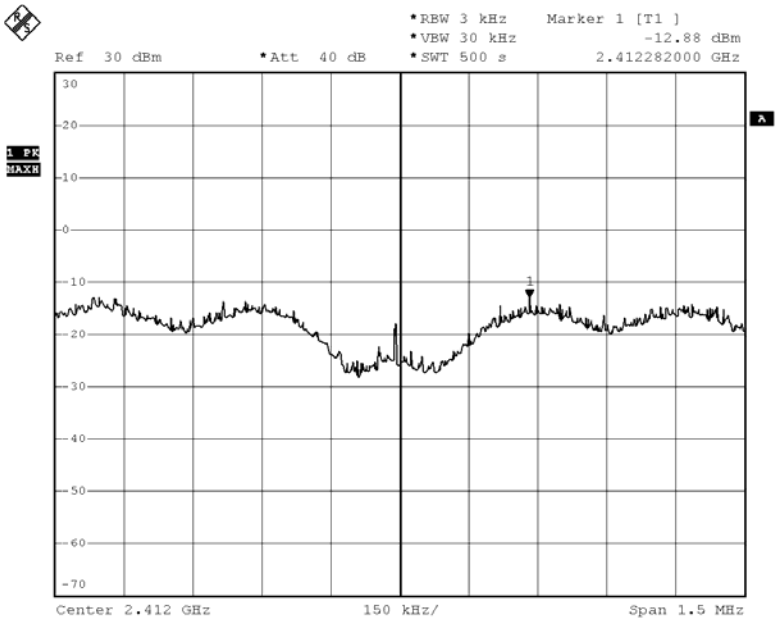


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
1(HT8Mbps)	2412	-12.88

Figure Channel 1: (Ch.A)

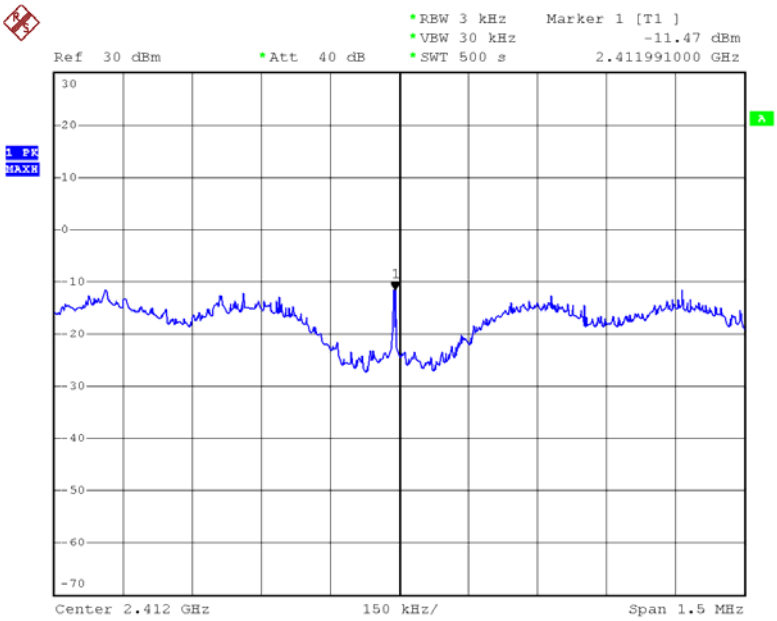


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
1(HT8Mbps)	2412	-11.47

Figure Channel 1: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2412MHz) (Antenna A) (Ch.A+Ch.B)

Data Speed: HT8Mbps(Antenna A) (Ch.A+Ch.B)

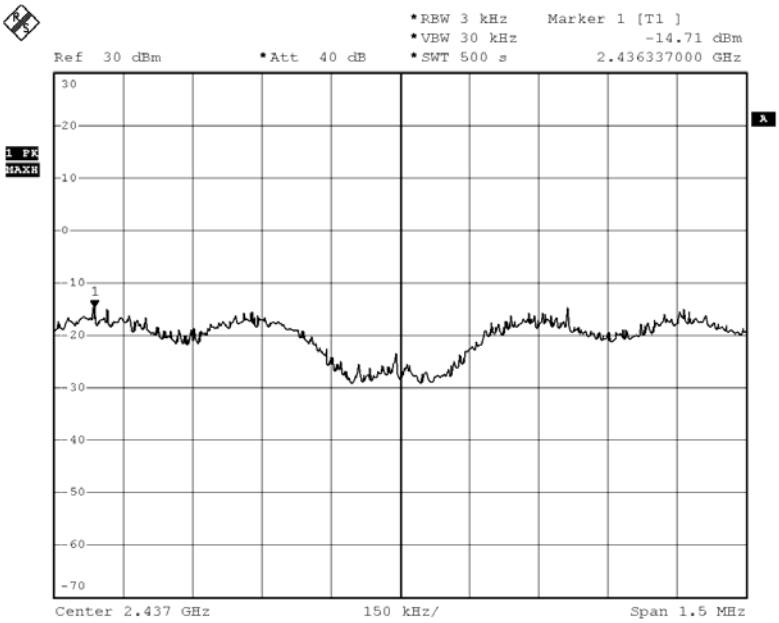
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
01	2412	HT08	-12.880	0.052	-11.470	0.071	-9.108	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6(HT0Mbps)	2437	-14.71	< 8dBm	Pass

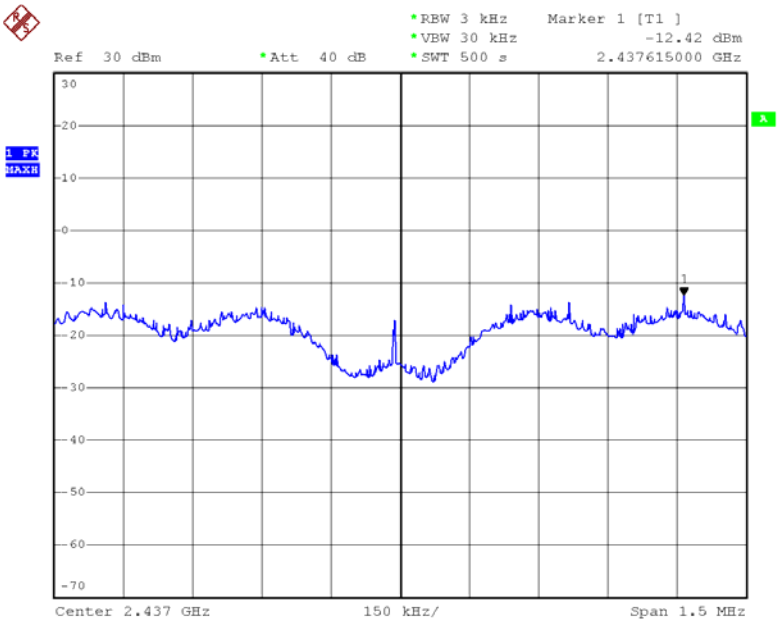
Figure Channel 6:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6(HT0Mbps)	2437	-12.42	< 8dBm	Pass

Figure Channel 6:

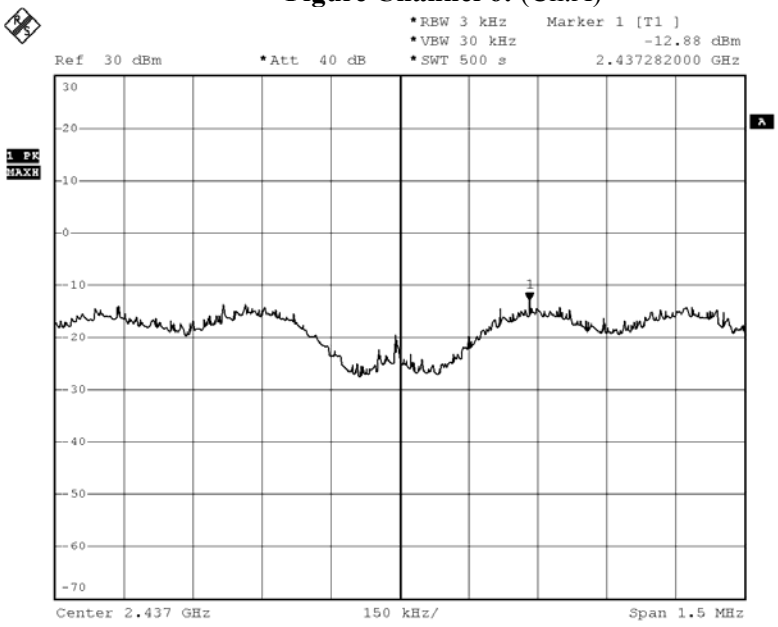


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
6(HT8Mbps)	2437	-12.88

Figure Channel 6: (Ch.A)

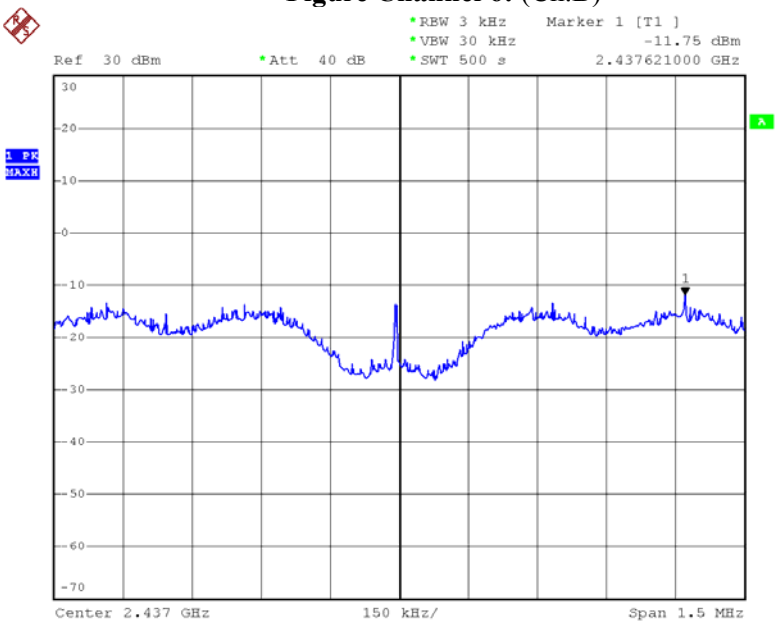


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
6(HT8Mbps)	2437	-11.75

Figure Channel 6: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2437MHz) (Antenna A) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna A) (Ch.A+Ch.B)

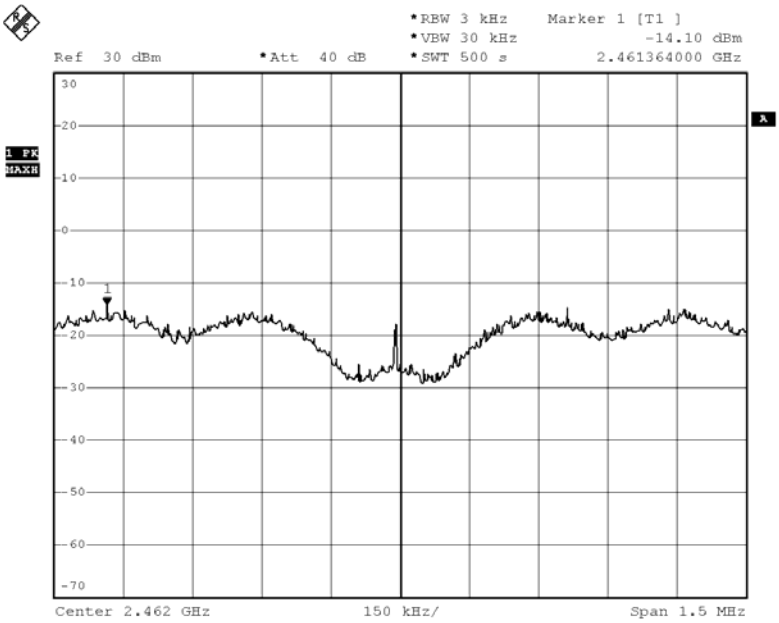
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
06	2437	HT08	-12.880	0.052	-11.750	0.067	-9.268	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11(HT0Mbps)	2462	-14.10	< 8dBm	Pass

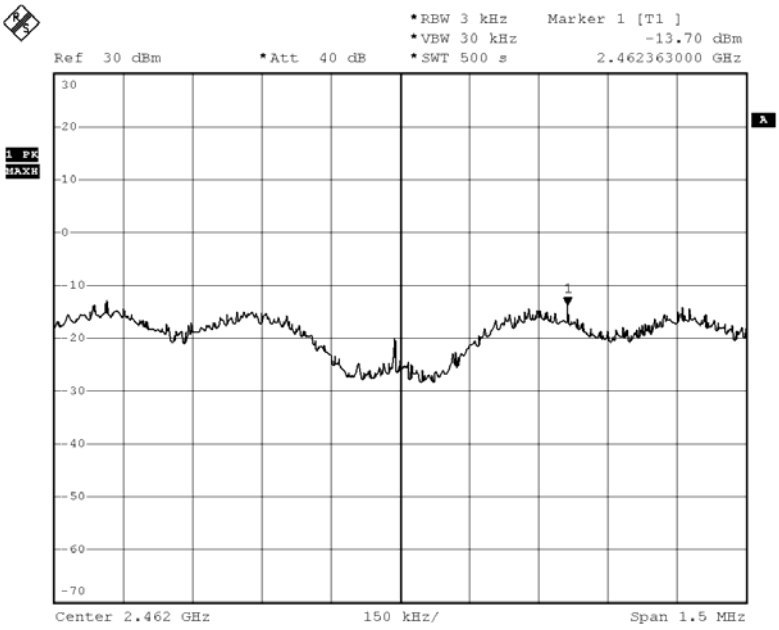
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11(HT0Mbps)	2462	-13.70	< 8dBm	Pass

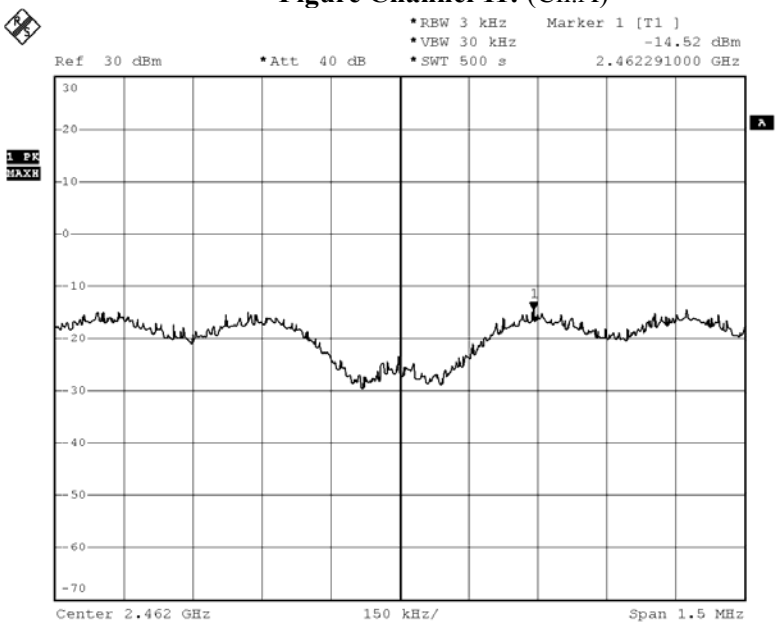
Figure Channel 11:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
11(HT8Mbps)	2462	-14.52

Figure Channel 11: (Ch.A)

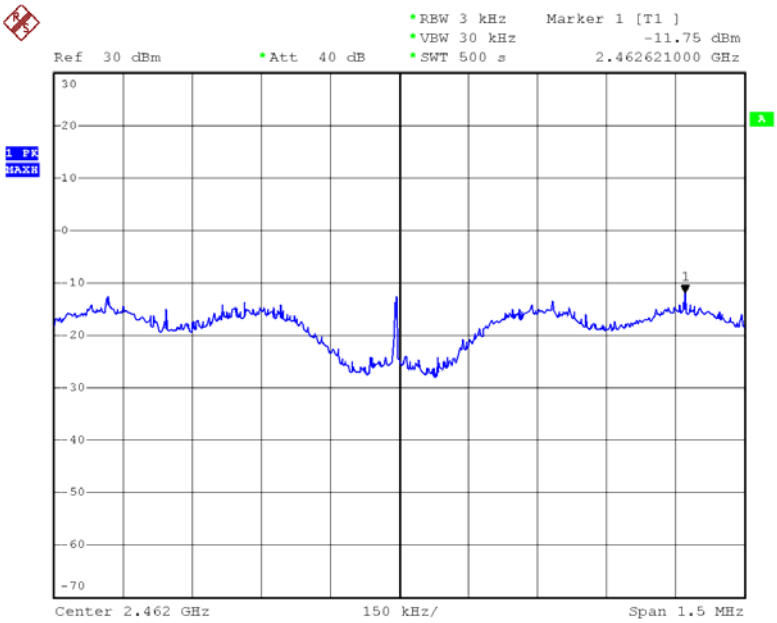


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz) (Antenna A) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
11(HT8Mbps)	2462	-11.75

Figure Channel 11: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (2462MHz)(Antenna A) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna A) (Ch.A+Ch.B)

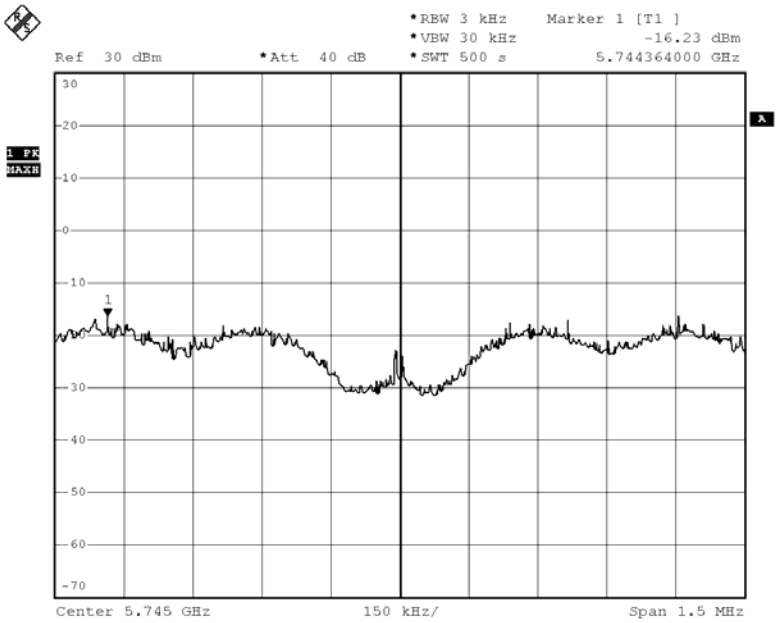
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
11	2462	HT08	-14.520	0.035	-11.750	0.067	-9.908	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
01 (HT0Mbps)	5745	-16.23	< 8dBm	Pass

Figure Channel 01:

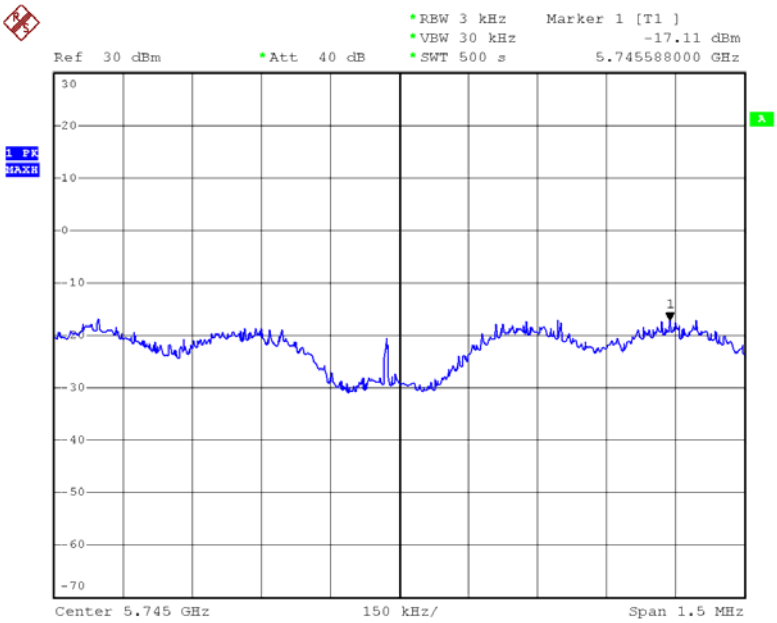


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
01 (HT0Mbps)	5745	-17.11	< 8dBm	Pass

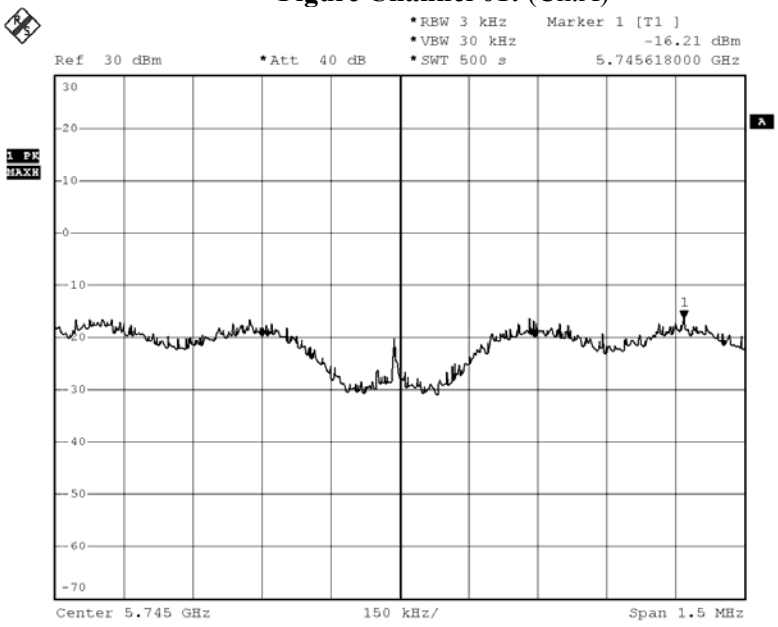
Figure Channel 01:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
01 (HT8Mbps)	5745	-16.21

Figure Channel 01: (Ch.A)

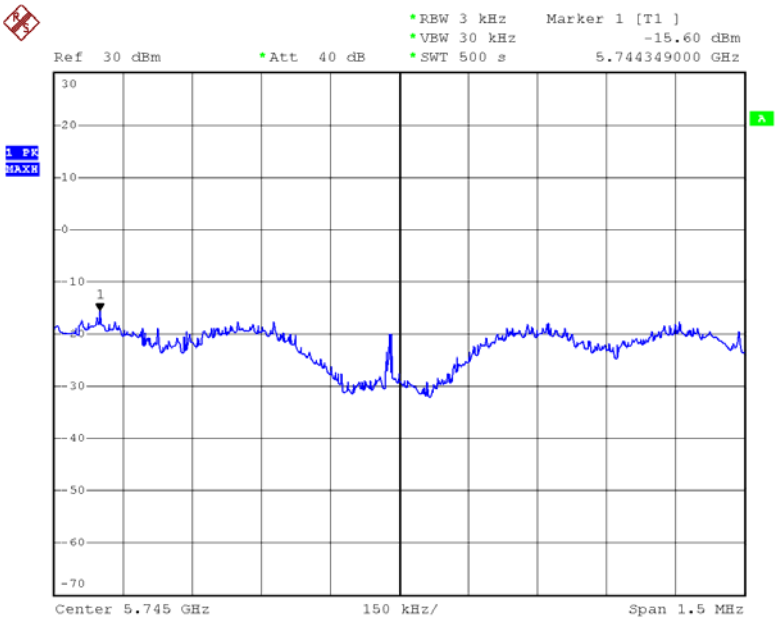


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
01(HT8Mbps)	5745	-15.60

Figure Channel 01: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5745MHz)(Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna B) (Ch.A+Ch.B)

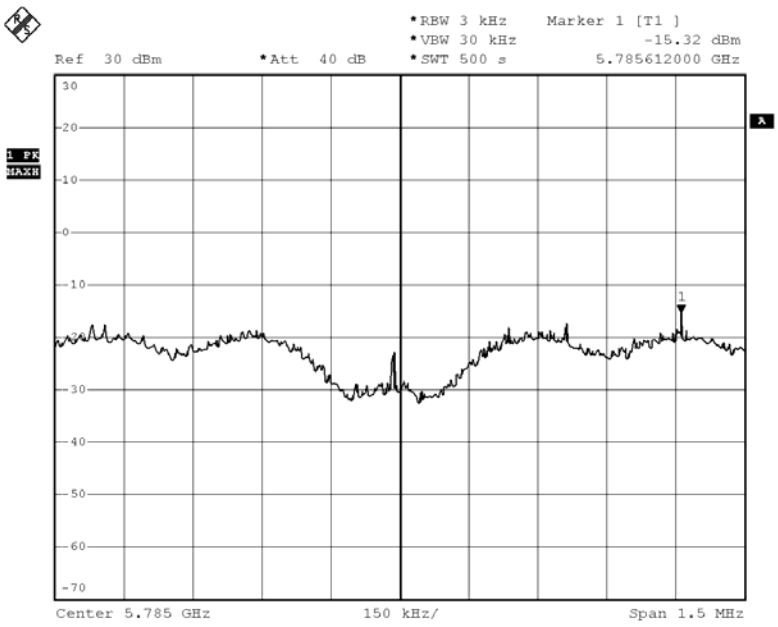
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
01	5745	HT08	-16.210	0.024	-15.600	0.028	-16.210	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
03 (HT0Mbps)	5785	-15.32	< 8dBm	Pass

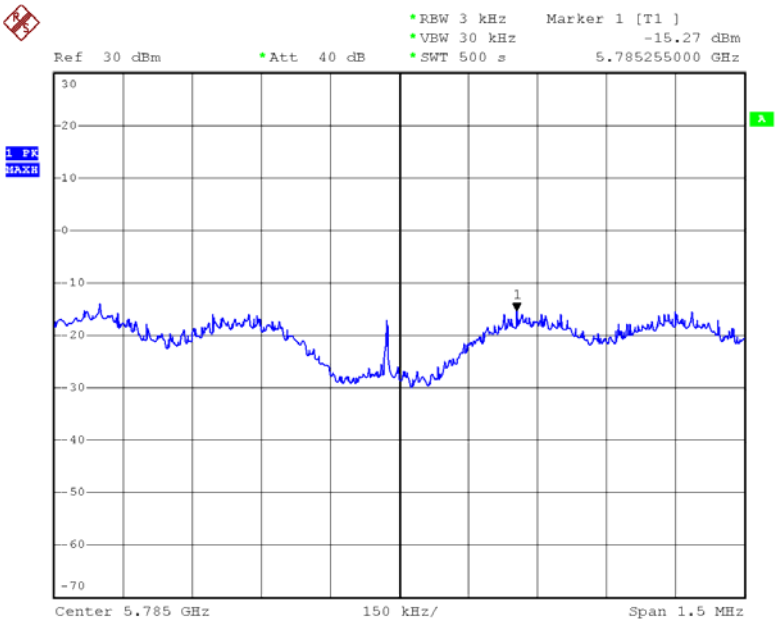
Figure Channel 03:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
03 (HT0Mbps)	5785	-15.27	< 8dBm	Pass

Figure Channel 03:

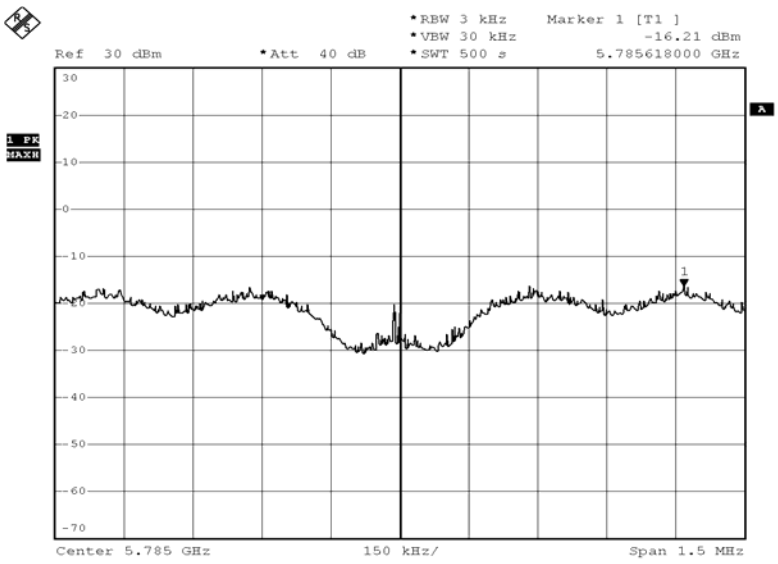


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
03(HT8Mbps)	5785	-16.21

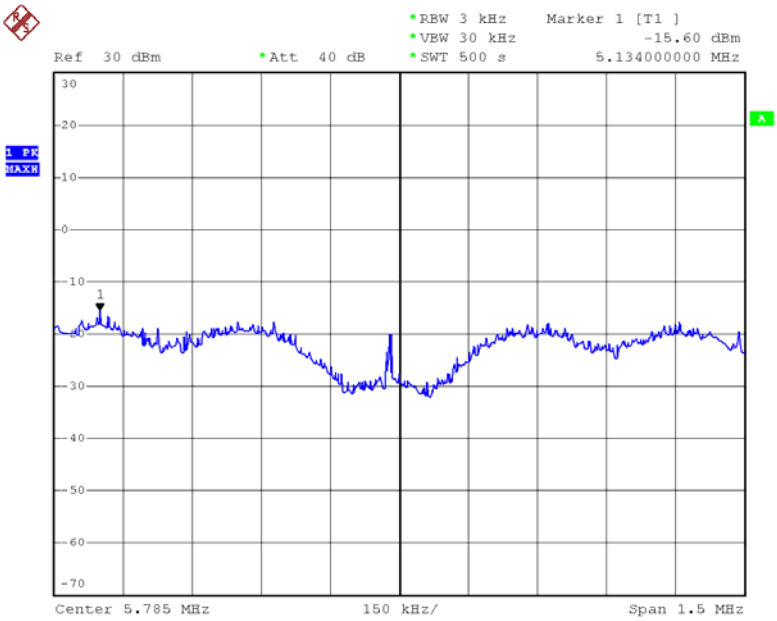
Figure Channel 03: (Ch.A)



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
03(HT8Mbps)	5785	-15.60

Figure Channel 03: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5785MHz)(Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna B) (Ch.A+Ch.B)

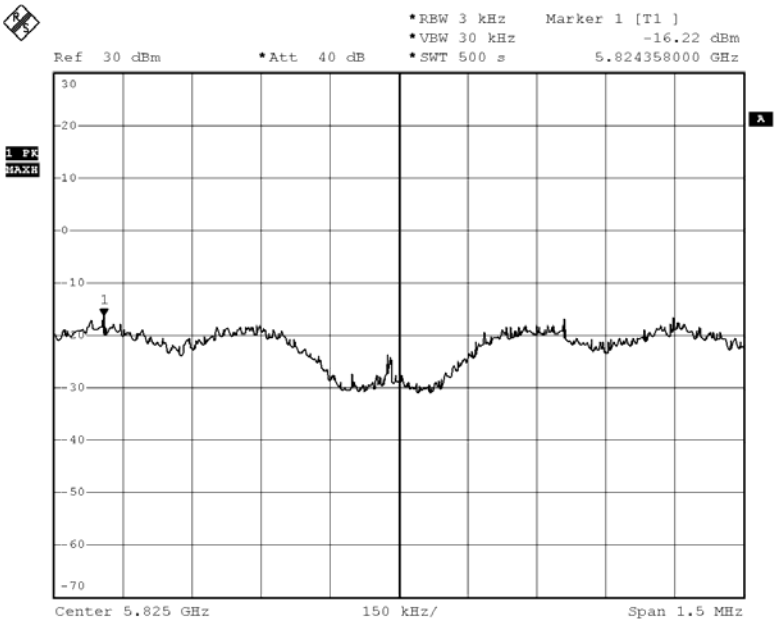
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
03	5785	HT08	-16.210	0.024	-15.600	0.028	-12.884	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
05 (HT0Mbps)	5825	-16.22	< 8dBm	Pass

Figure Channel 05:



PN1
Date: 23.APR.2007

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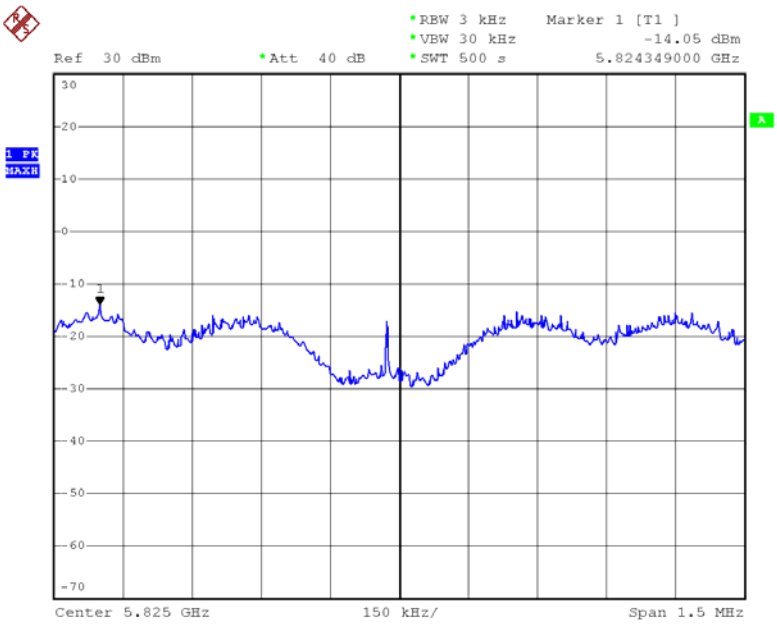
Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
05 (HT0Mbps)	5825	-14.05	< 8dBm	Pass

Figure Channel 05:

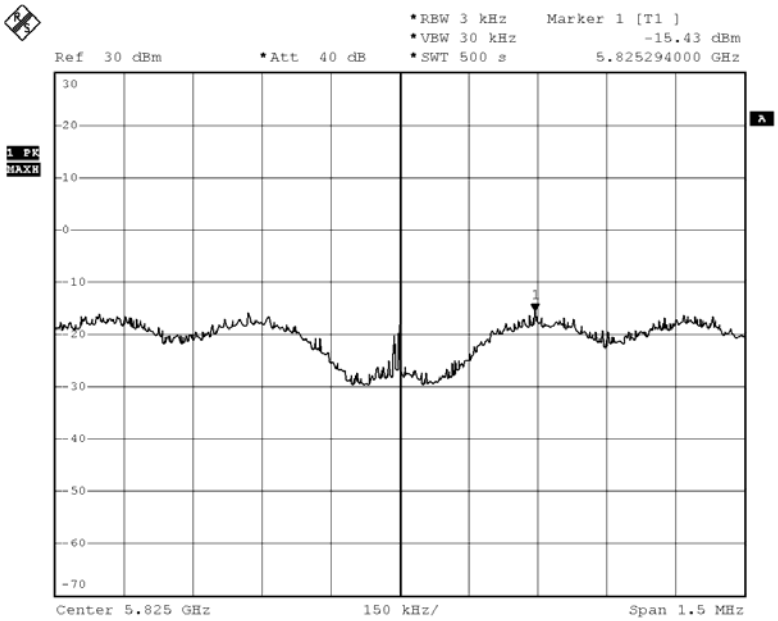


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
05(HT8Mbps)	5825	-15.34

Figure Channel 05: (Ch.A)

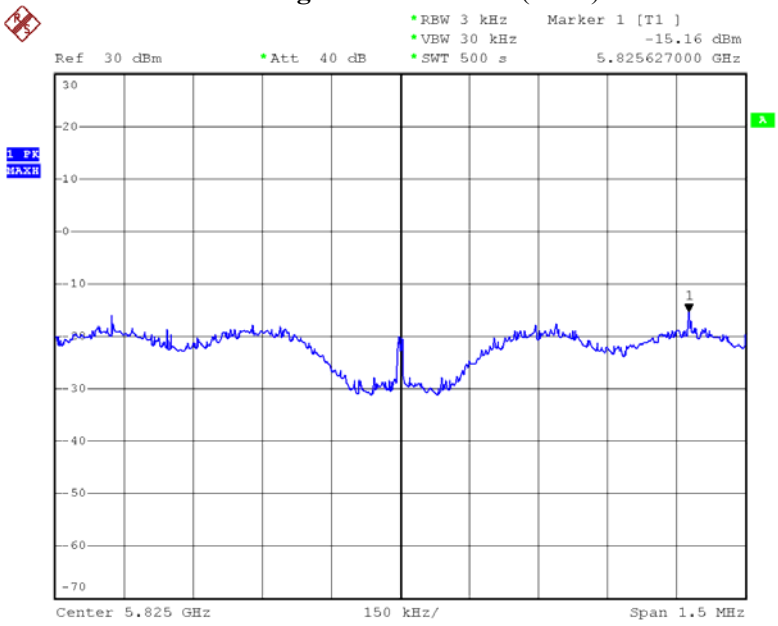


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
05(HT8Mbps)	5825	-15.16

Figure Channel 05: (Ch.B)



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter 802.11n(20M) (5825MHz) (Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna B) (Ch.A+Ch.B)

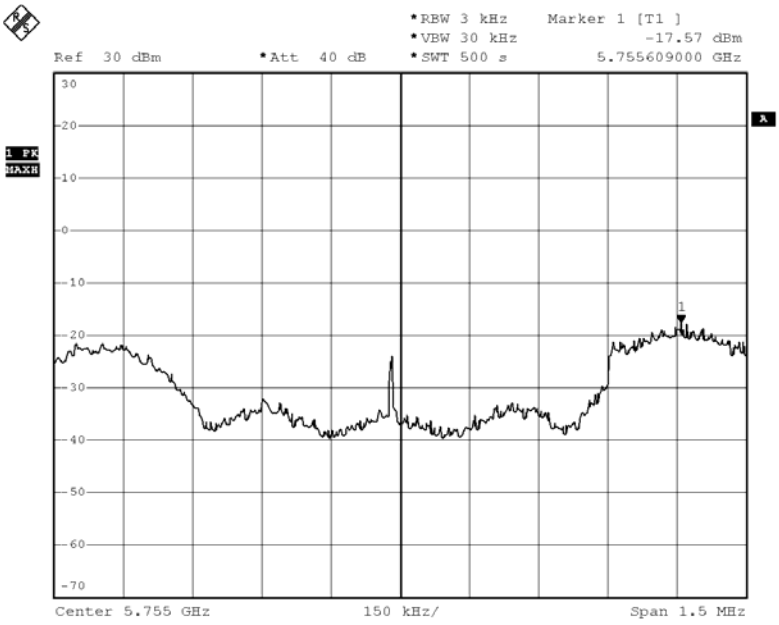
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
05	5825	HT08	-15.340	0.029	-15.160	0.030	-12.239	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
01 (HT0Mbps)	5755	-17.57	< 8dBm	Pass

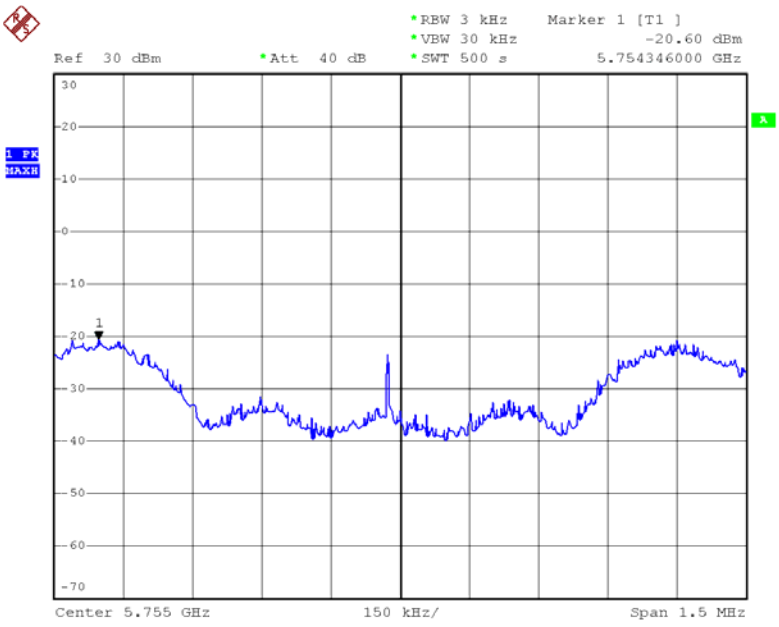
Figure Channel 01:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B)(Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
01(HT0Mbps)	5755	-20.60	< 8dBm	Pass

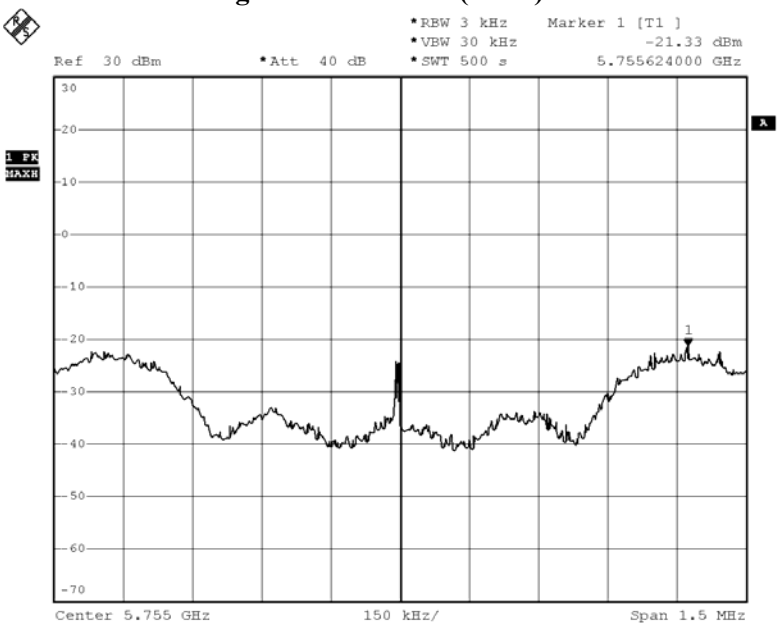
Figure Channel 01:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
01 (HT8Mbps)	5755	-21.33

Figure Channel 01: (Ch.A)

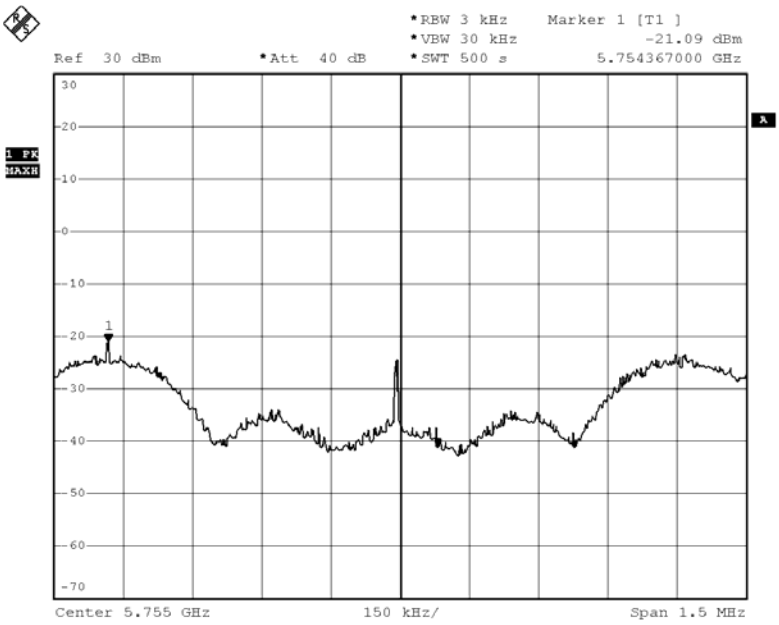


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
01(HT8Mbps)	5755	-21.09

Figure Channel 01: (Ch.B)



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5755MHz) (Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps(Antenna B) (Ch.A+Ch.B)

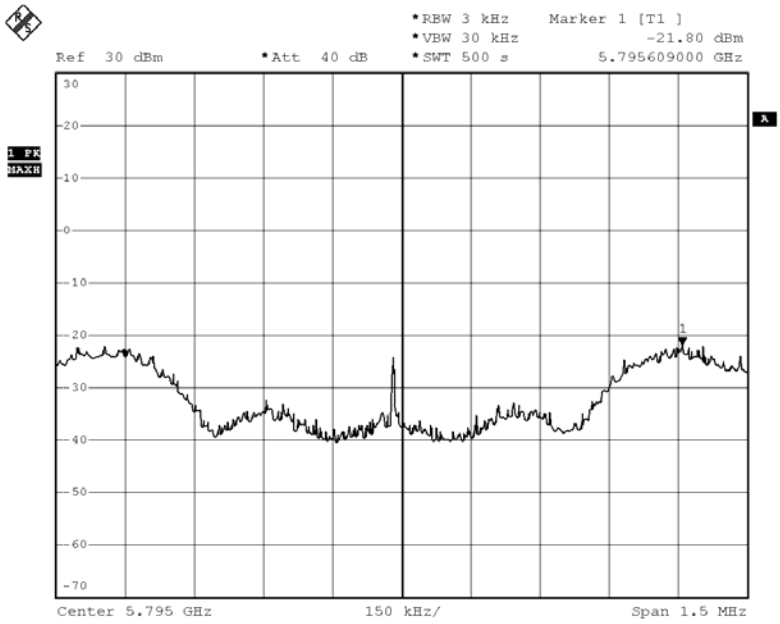
Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
01	5755	HT08	-21.330	0.007	-21.090	0.008	-18.198	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
02(HT0Mbps)	5795	-21.80	< 8dBm	Pass

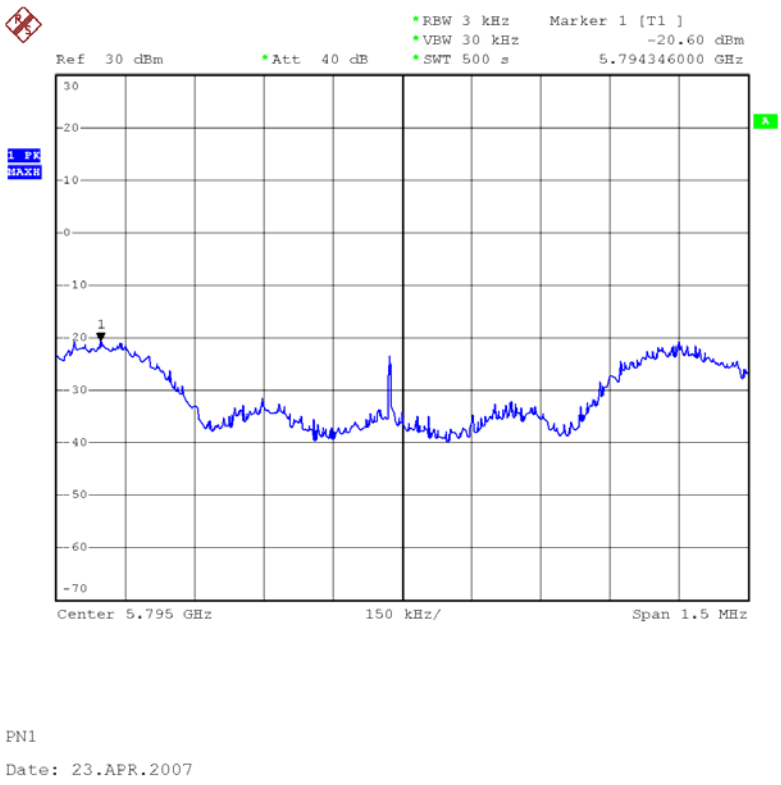
Figure Channel 02:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
02(HT0Mbps)	5795	-20.60	< 8dBm	Pass

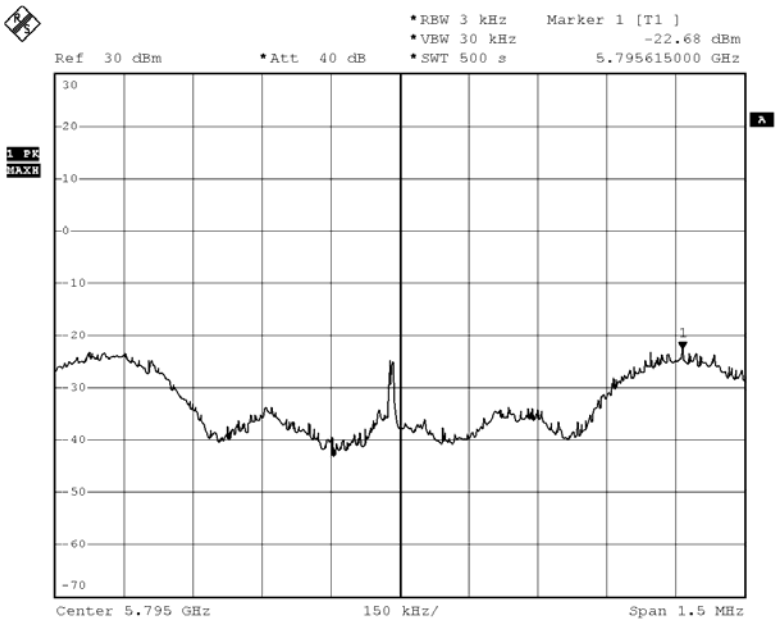
Figure Channel 02:



Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
02(HT8Mbps)	5755	-22.68

Figure Channel 02: (Ch.A)

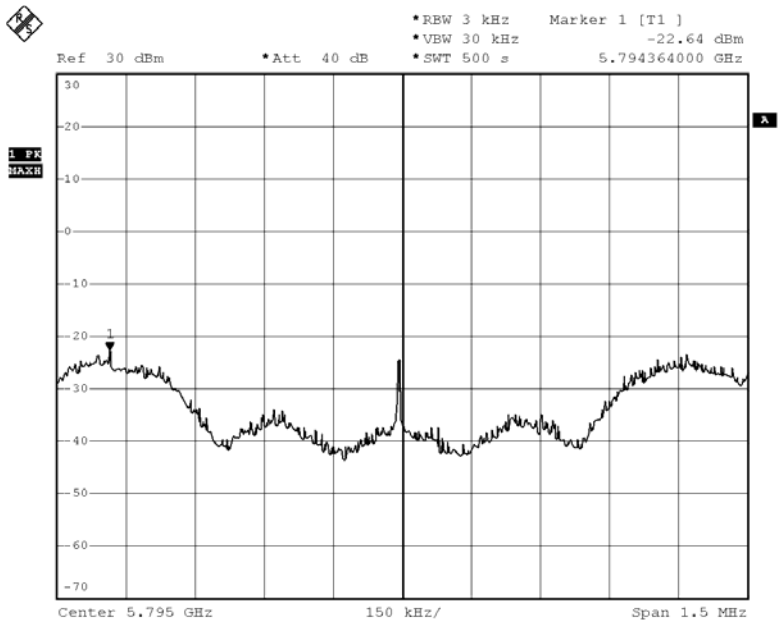


PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Measurement Level (dBm)
02(HT8Mbps)	5755	-22.64

Figure Channel 02: (Ch.B)



PN1
Date: 23.APR.2007

Product : Notebook P.C.
Test Item : Power Density Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmitter 802.11n(40M) (5795MHz) (Antenna B) (Ch.A+Ch.B)

Data Speed: HT8Mbps (Antenna B) (Ch.A+Ch.B)

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Power Density Ch. A (dBm)	Power Density Ch. A (mW)	Power Density Ch. B (dBm)	Power Density Ch. B (mW)	Power Density Ch. A+B (dBm)	Required Limit (dBm)	Result
02	5795	HT08	-22.680	0.005	-22.640	0.005	-19.650	< 8dBm	Pass

P.S: Power Density Ch. A+B=10*Log (Ch.A(mW)+ Ch.B(mW))

8. EMI Reduction Method During Compliance Testing

No modification was made during testing.