Test Report

Product Name ： Dual-band Gigabit Wireless-N Router

Model No. ： RT-N56U

FCC ID. ： MSQ-RTN56U

Applicant ： ASUSTeK COMPUTER INC.

Address ： No.150 Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt ： 2010/07/18

Issued Date ： 2010/09/30

Report No. ： 107261R-RFUSP42V01

Report Version ： V1.0

Test Report Certification

Issued Date : 2010/09/30
Report No. : 107261R-RFUSP42V01

QuieTek

Product Name	:	Dual-band Gigabit Wireless-N Router
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	No.150 Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	:	Senao Networks, Inc.
Model No.	:	RT-N56U
FCC ID.	:	MSQ-RTN56U
EUT Voltage	:	AC 100-240V / 50/60Hz
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247:2009
Test Result	:	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

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(Sheena Huang / Engineer)

Approved By : Roy Wang
(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

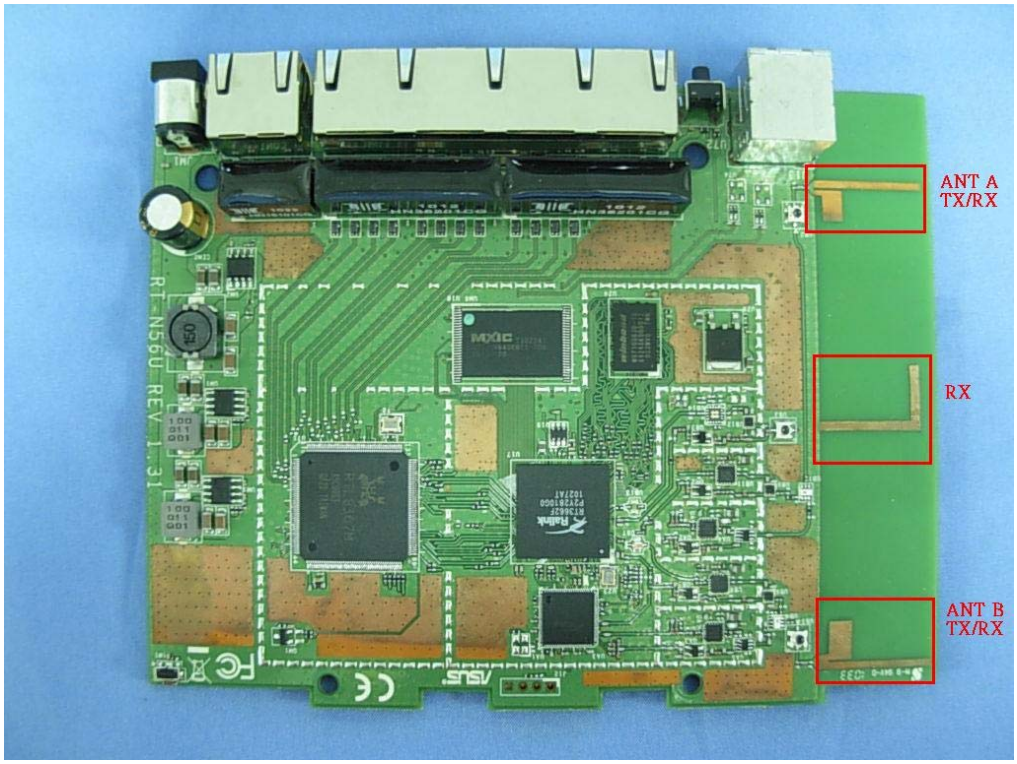
Product Name	Dual-band Gigabit Wireless-N Router
Product Type	WLAN(2TX,3RX)
Trade Name	ASUS
Model No.	RT-N56U
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz
Frequency Range- IEEE 802.11n (40MHz) _2.4GHz	2422~2452MHz
Frequency Range -IEEE 802.11a & IEEE 802.11n (20MHz)_5.8GHz	5745~5825MHz
Frequency Range- IEEE 802.11n (40MHz) _5.8GHz	5755~5795MHz
Channel Number - IEEE 802.11b/g & IEEE 802.11n (20MHz) _2.4GHz	11
Channel Number- IEEE 802.11n (40MHz) _2.4GHz	7
Channel Number - IEEE 802.11a & IEEE 802.11n (20MHz) _5.8GHz	5
Channel Number - IEEE 802.11n (40MHz) _5.8GHz	2
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11a/g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11a/g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
Antenna Gain	3.8dBi (2.4G) 5.1dBi (5.8G)
Channel Control	Manual
Antenna Type	CB Antenna

Component	
LAN Cable	Non-Shielded, 1.5m
Power Adapter	DVE, DSA-24PFD-15 FUS 120200 I/P: 100-240V ~ 50/60Hz 0.8A O/P: +12V⎓2A Cable out: Non-Shielded, 1.5m
Power Adapter	ASUS, AD820M0 I/P: 100-240V ~ 50/60Hz, 0.8A O/P: 19V⎓1.58A Cable out: Non-Shielded, 1.5m, one ferrite core bonded.
Power Adapter	ASUS, AD82030 I/P: 100-240V ~ 50/60Hz, 0.8A O/P: 19V⎓1.58A Cable out: Non-Shielded, 1.8m, one ferrite core bonded.
Power Adapter	ASUS, EXA1004UH I/P: 100-240V, 50-60Hz, 1A O/P: +19V⎓1.58A Cable out: Non-Shielded, 2.5m, one ferrite core bonded.

ANT-TX / Rx & Bandwidth

ANT-TX / RX	SINGLE-TX		TWO-TX		RX	
Mode/ Channel Bandwidth	20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
IEEE802.11a	✓				✓	
IEEE802.11b	✓				✓	
IEEE802.11g	✓					
IEEE802.11n			✓	✓	✓	✓

ANT A/B (TX / RX)



IEEE 802.11n

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 1 – MCS parameters for TX Antenna number = 1

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
8	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.4	30.0
9	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.9	60.0
10	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.3	90.0
11	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.8	120.0
12	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.7	180.0
13	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.6	240.0
14	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.0	270.0
15	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.4	300.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 2 – MCS parameters for TX Antenna number = 2

Symbol	Explanation
R	Code rate
N_{BPSC}	Number of coded bits per single carrier
N_{CBPS}	Number of coded bits per symbol
N_{DBPS}	Number of data bits per symbol
GI	guard interval

IEEE 802.11b/g & IEEE 802.11n (20MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

IEEE 802.11n (40MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

IEEE 802.11a & IEEE 802.11n (20MHz) - 5.8GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz						

IEEE 802.11n (40MHz) - 5.8GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz				

Note:

1. This device is a Dual-band Gigabit Wireless-N Router including 2.4GHz b/g/n and 5GHz a/n (2x3) transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. The power adapters, ASUS: AD820M0 and ASUS: AD82030 are equal in layout. Only one of them was tested and shown in the report.
5. The function of the 5.2GHz transmitting is measured and makes a test report of the report number: 107261R-RFUSP46V01.
6. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 107261R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

TX	Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200) Mode 2: Transmit (Adapter: ASUS_AD820M0) Mode 3: Transmit (Adapter: ASUS_EXA1004UH)

Test Items	Mode	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6/ 151	A+B	Complies
Peak Power Output	a	149/ 157/ 165	A	Complies
	b/g	1/ 6/ 11	A	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	A+B	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	A+B	Complies
Radiated Emission	a	149/ 157/ 165	A	Complies
	b/g	1/ 6/ 11	A	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	A+B	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	A+B	Complies
RF antenna conducted test	a	149/ 165	A	Complies
	b/g	1/ 11	A	Complies
	11n(20MHz)	1/ 11/ 149/ 165	A/B	Complies
	11n(40MHz)	3/ 9/ 151/ 159	A/B	Complies
Radiated Emission Band Edge	b/g	1/ 11	A	Complies
	11n(20MHz)	1/ 11	A/B	Complies
	11n(40MHz)	3/ 9	A/B	Complies
Occupied Bandwidth	a	149/ 157/ 165	A	Complies
	b/g	1/ 6/ 11	A	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	A+B	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	A+B	Complies
Power Density	a	149/ 157/ 165	A	Complies
	b/g	1/ 6/ 11	A	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	A+B	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	A+B	Complies

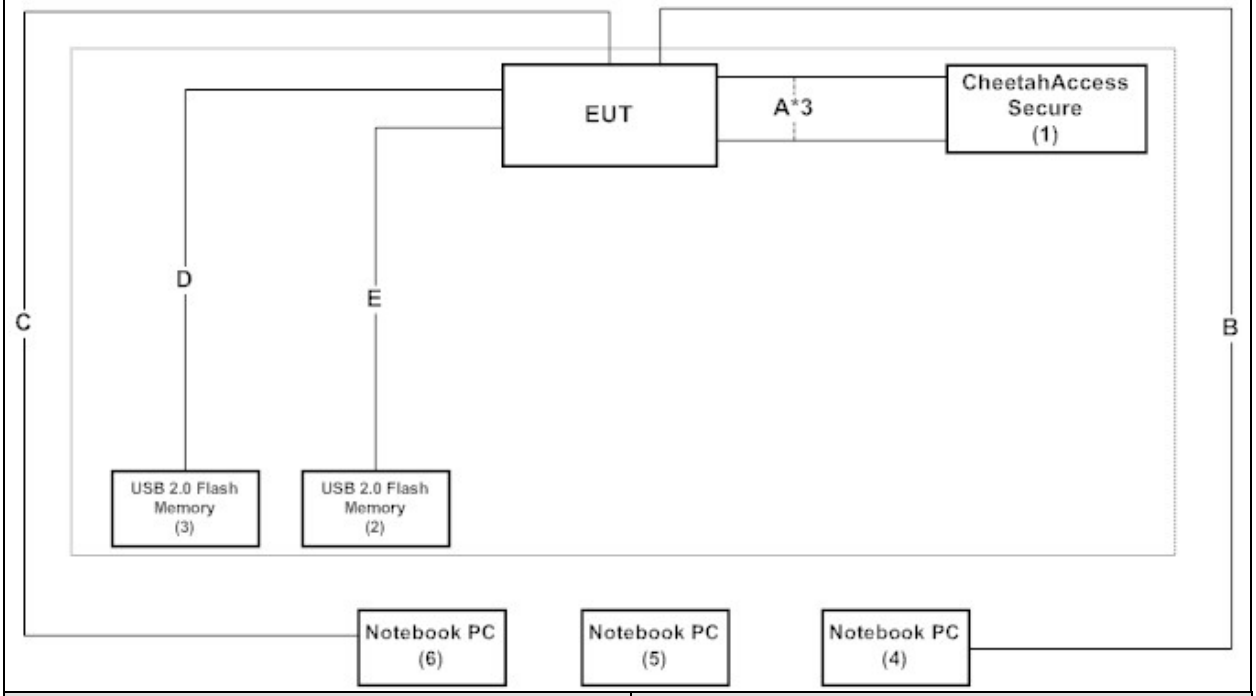
1.4. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	CheetahAccess Secure	Accton	AC-IG1104	N/A	DoC	Non-Shielded, 1.8m
2	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
3	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
4	Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded
5	Notebook PC	DELL	LATITUDE D400	HK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded
6	Notebook PC	HP	HSTNN-146C	CNU8253S1X	DoC	Non-Shielded, 1.8m

1.5. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 1m, 3 Pcs
B	LAN Cable	Non-Shielded, 10m
C	LAN Cable	Non-Shielded, 10m
D	USB 2.0 Flash Memory Cable	Shielded, 1m
E	USB 2.0 Flash Memory Cable	Shielded, 1m

1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4
2	Execute the RT3x9x V1.5.6.7 AP and QA_RT3883-AP-V1.0.2.1 on the EUT
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous Transmitter.
5	Verify that the EUT works properly.

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520

Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2010

Testing Laboratory 1313

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2010

NVLAP Lab Code : 200347-0

Site Name: Quietek Corporation
Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

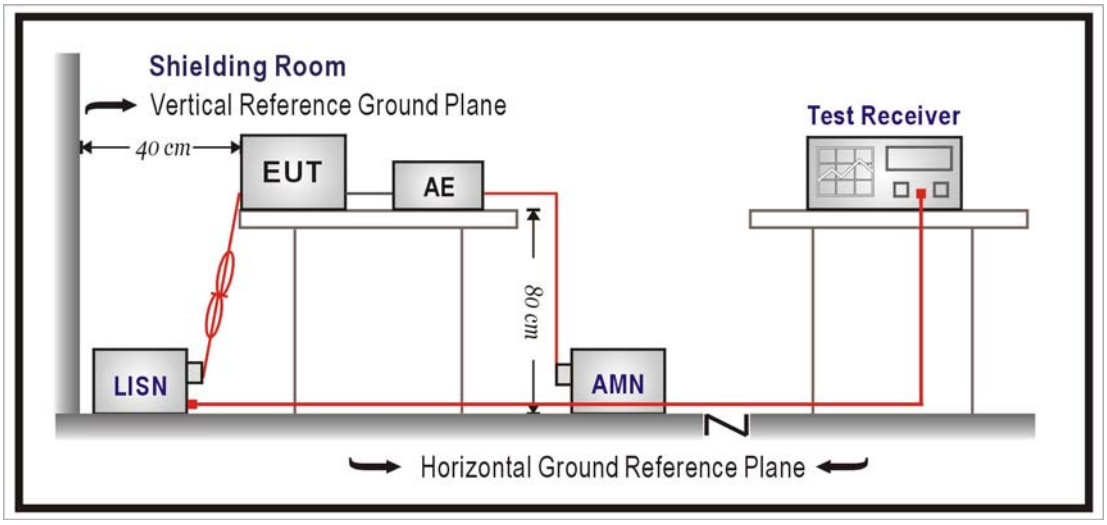
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2010/09/27
LISN	R&S	ESH3-Z5	836679/022	2011/05/30
Test Receiver	R&S	ESCS 30	825442/017	2011/02/04

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

2.2. Test Setup



2.3. Limits

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

Remarks: In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.5. Test Specification

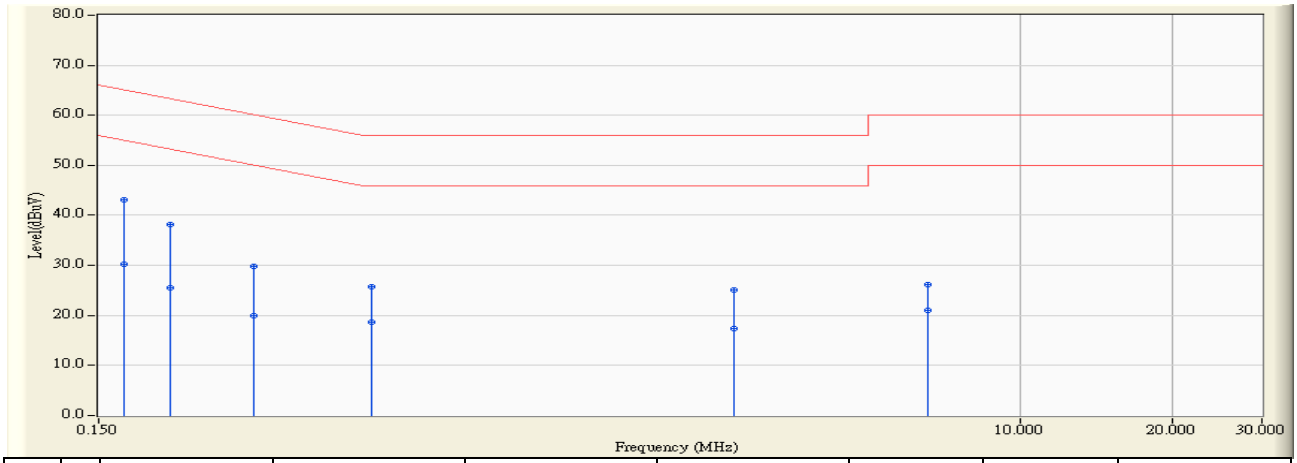
According to FCC Part 15 Subpart C Paragraph 15.207: 2009

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	**Time : 2010/08/25 - 14:39**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)_ IEEE 802.11n(40M)-2437MHz**

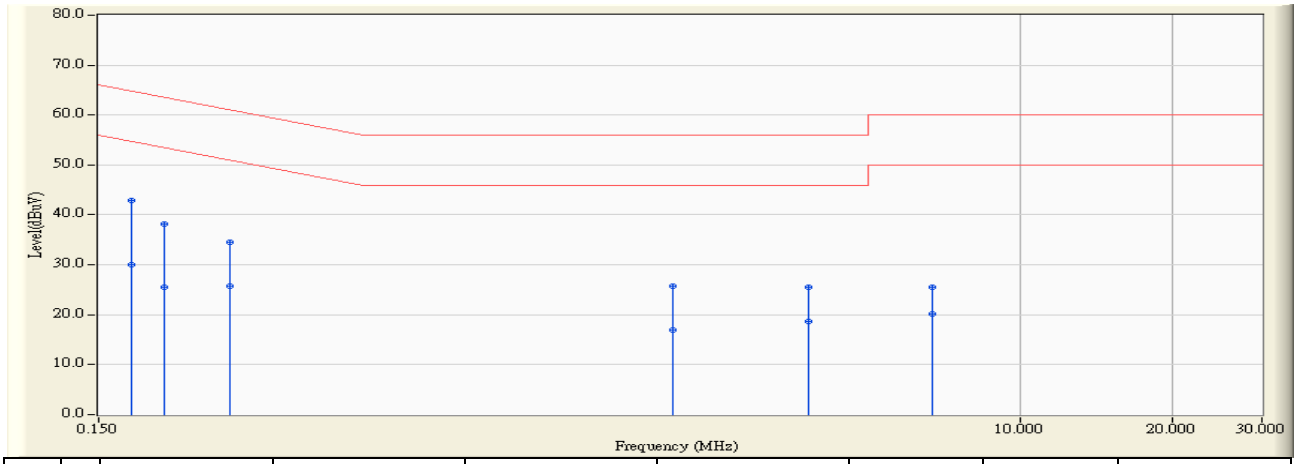


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.168	9.811	33.340	43.151	-21.897	65.049	QUASIPEAK
2		0.168	9.811	20.480	30.291	-24.757	55.049	AVERAGE
3		0.207	9.841	28.350	38.191	-25.126	63.317	QUASIPEAK
4		0.207	9.841	15.680	25.521	-27.796	53.317	AVERAGE
5		0.305	9.811	20.060	29.871	-30.237	60.108	QUASIPEAK
6		0.305	9.811	10.120	19.931	-30.177	50.108	AVERAGE
7		0.518	9.764	15.950	25.714	-30.286	56.000	QUASIPEAK
8		0.518	9.764	8.890	18.654	-27.346	46.000	AVERAGE
9		2.705	9.873	15.160	25.033	-30.967	56.000	QUASIPEAK
10		2.705	9.873	7.410	17.283	-28.717	46.000	AVERAGE
11		6.535	9.966	16.200	26.167	-33.833	60.000	QUASIPEAK
12		6.535	9.966	11.010	20.977	-29.023	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 14:44**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)_ IEEE 802.11n(40M)-2437MHz**

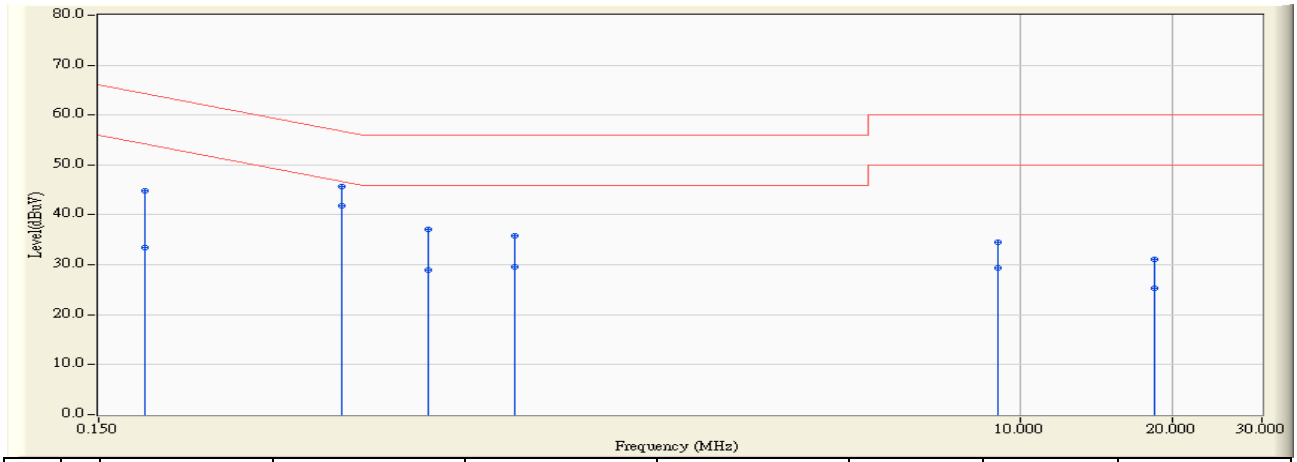


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.174	9.816	32.980	42.796	-21.951	64.746	QUASIPEAK
2		0.174	9.816	20.200	30.016	-24.731	54.746	AVERAGE
3		0.203	9.838	28.310	38.147	-25.345	63.493	QUASIPEAK
4		0.203	9.838	15.740	25.577	-27.915	53.493	AVERAGE
5		0.273	9.821	24.680	34.501	-26.521	61.023	QUASIPEAK
6		0.273	9.821	16.000	25.821	-25.201	51.023	AVERAGE
7		2.049	9.870	15.810	25.680	-30.320	56.000	QUASIPEAK
8		2.049	9.870	7.040	16.910	-29.090	46.000	AVERAGE
9		3.800	9.888	15.540	25.428	-30.572	56.000	QUASIPEAK
10		3.800	9.888	8.780	18.668	-27.332	46.000	AVERAGE
11		6.674	9.997	15.540	25.537	-34.463	60.000	QUASIPEAK
12		6.674	9.997	10.110	20.107	-29.893	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 15:22**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_ IEEE 802.11n(40M)-2437MHz**

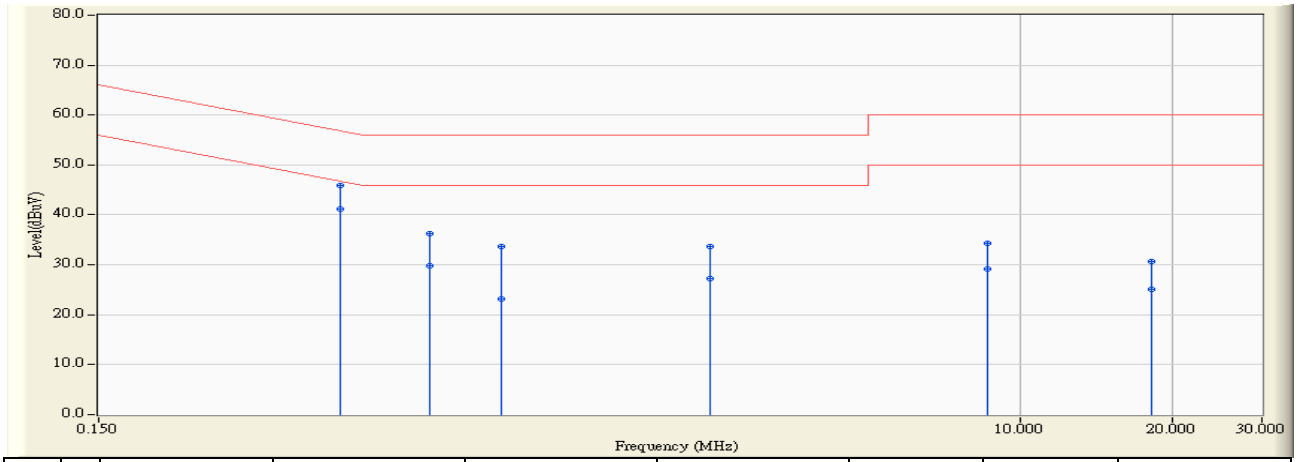


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.823	35.010	44.833	-19.425	64.258	QUASIPEAK
2		0.185	9.823	23.540	33.363	-30.895	64.258	AVERAGE
3	*	0.453	9.771	35.930	45.701	-11.119	56.820	QUASIPEAK
4		0.453	9.771	32.080	41.851	-14.969	56.820	AVERAGE
5		0.674	9.755	27.390	37.145	-18.855	56.000	QUASIPEAK
6		0.674	9.755	19.100	28.855	-27.145	56.000	AVERAGE
7		0.996	9.761	26.030	35.791	-20.209	56.000	QUASIPEAK
8		0.996	9.761	19.930	29.691	-26.309	56.000	AVERAGE
9		8.986	10.089	24.520	34.609	-25.391	60.000	QUASIPEAK
10		8.986	10.089	19.240	29.329	-30.671	60.000	AVERAGE
11		18.396	10.221	20.970	31.191	-28.809	60.000	QUASIPEAK
12		18.396	10.221	14.990	25.211	-34.789	60.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 15:26**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_ IEEE 802.11n(40M)-2437MHz**

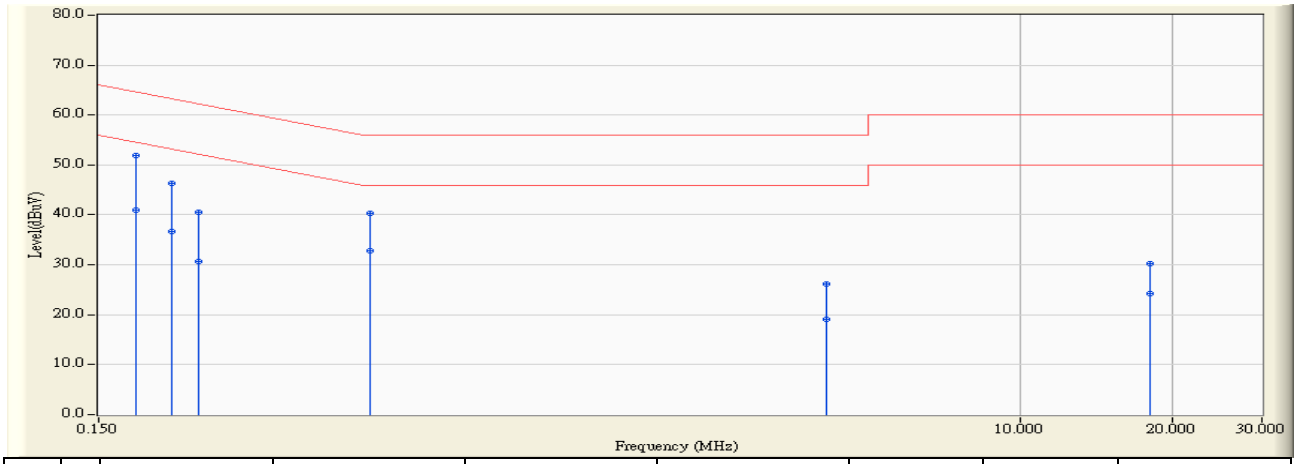


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.451	9.772	36.190	45.962	-10.899	56.861	QUASIPEAK
2	*	0.451	9.772	31.480	41.252	-5.609	46.861	AVERAGE
3		0.676	9.755	26.570	36.325	-19.675	56.000	QUASIPEAK
4		0.676	9.755	20.030	29.785	-16.215	46.000	AVERAGE
5		0.937	9.760	23.950	33.710	-22.290	56.000	QUASIPEAK
6		0.937	9.760	13.470	23.230	-22.770	46.000	AVERAGE
7		2.425	9.874	23.850	33.724	-22.276	56.000	QUASIPEAK
8		2.425	9.874	17.380	27.254	-18.746	46.000	AVERAGE
9		8.568	10.102	24.200	34.301	-25.699	60.000	QUASIPEAK
10		8.568	10.102	19.000	29.101	-20.899	50.000	AVERAGE
11		18.119	10.364	20.410	30.775	-29.225	60.000	QUASIPEAK
12		18.119	10.364	14.700	25.065	-24.935	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 15:46**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note Mode 3: Transmit** **(Adapter: ASUS_EXA1004UH)_** **IEEE 802.11n(40M)-2437MHz**

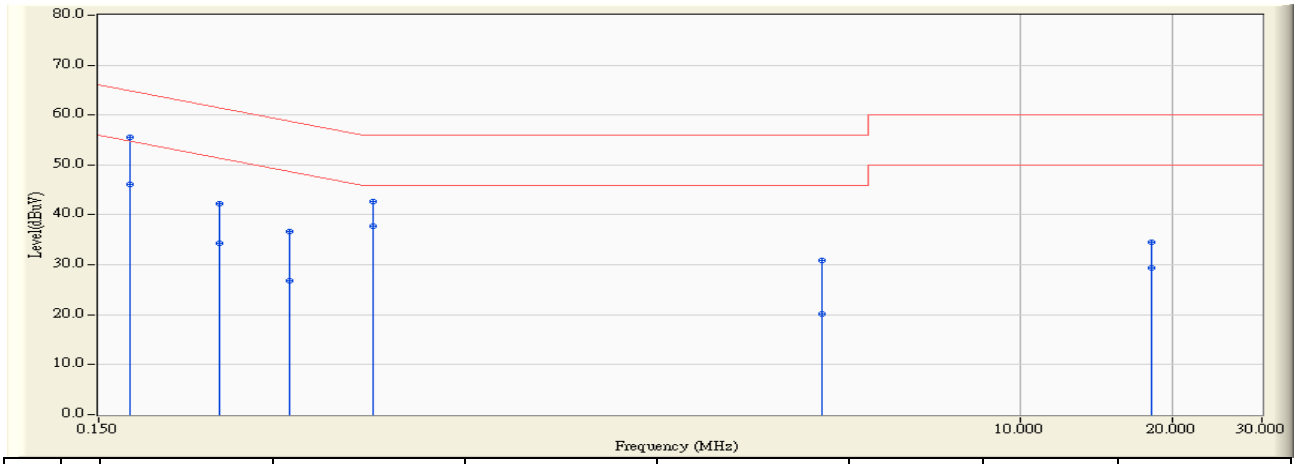


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	9.818	42.050	51.868	-12.741	64.609	QUASIPEAK
2		0.177	9.818	31.120	40.938	-13.671	54.609	AVERAGE
3		0.209	9.842	36.450	46.292	-16.969	63.261	QUASIPEAK
4		0.209	9.842	26.940	36.782	-16.479	53.261	AVERAGE
5		0.237	9.833	30.670	40.504	-21.696	62.200	QUASIPEAK
6		0.237	9.833	20.740	30.574	-21.626	52.200	AVERAGE
7		0.518	9.764	30.460	40.224	-15.776	56.000	QUASIPEAK
8		0.518	9.764	22.950	32.714	-13.286	46.000	AVERAGE
9		4.127	9.881	16.220	26.101	-29.899	56.000	QUASIPEAK
10		4.127	9.881	9.160	19.041	-26.959	46.000	AVERAGE
11		17.981	10.214	20.090	30.304	-29.696	60.000	QUASIPEAK
12		17.981	10.214	14.060	24.274	-25.726	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 15:51**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)_ IEEE 802.11n(40M)-2437MHz**

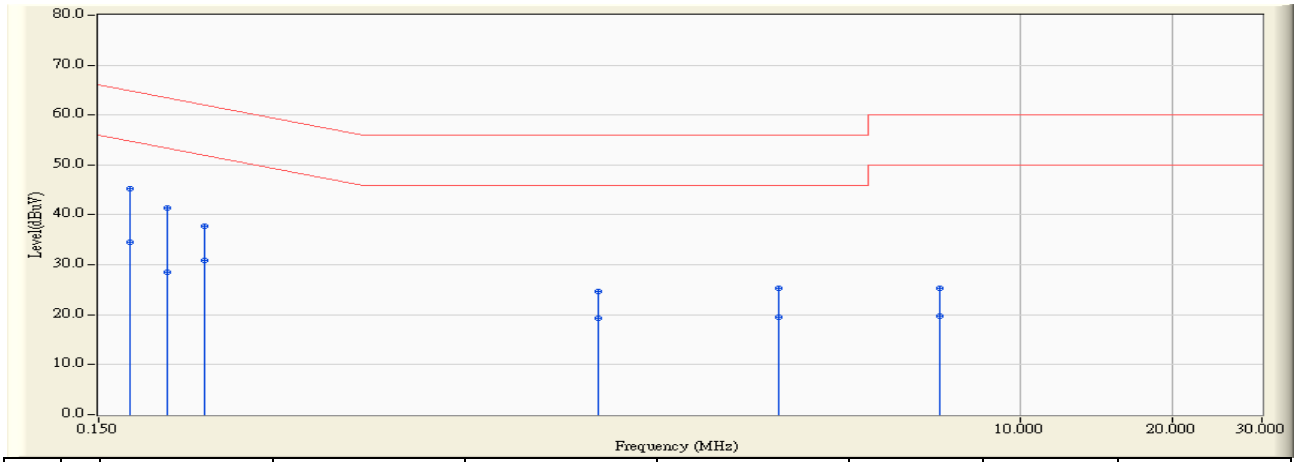


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	9.815	45.710	55.525	-9.269	64.794	QUASIPEAK
2		0.173	9.815	36.290	46.105	-8.689	54.794	AVERAGE
3		0.260	9.826	32.320	42.146	-19.275	61.421	QUASIPEAK
4		0.260	9.826	24.490	34.316	-17.105	51.421	AVERAGE
5		0.357	9.793	26.910	36.703	-22.094	58.797	QUASIPEAK
6		0.357	9.793	16.940	26.733	-22.064	48.797	AVERAGE
7		0.523	9.763	32.870	42.633	-13.367	56.000	QUASIPEAK
8	*	0.523	9.763	27.900	37.663	-8.337	46.000	AVERAGE
9		4.037	9.891	21.030	30.921	-25.079	56.000	QUASIPEAK
10		4.037	9.891	10.170	20.061	-25.939	46.000	AVERAGE
11		18.091	10.364	24.210	34.574	-25.426	60.000	QUASIPEAK
12		18.091	10.364	19.090	29.454	-20.546	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 17:11**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)_ IEEE 802.11n(40M)-5755MHz**

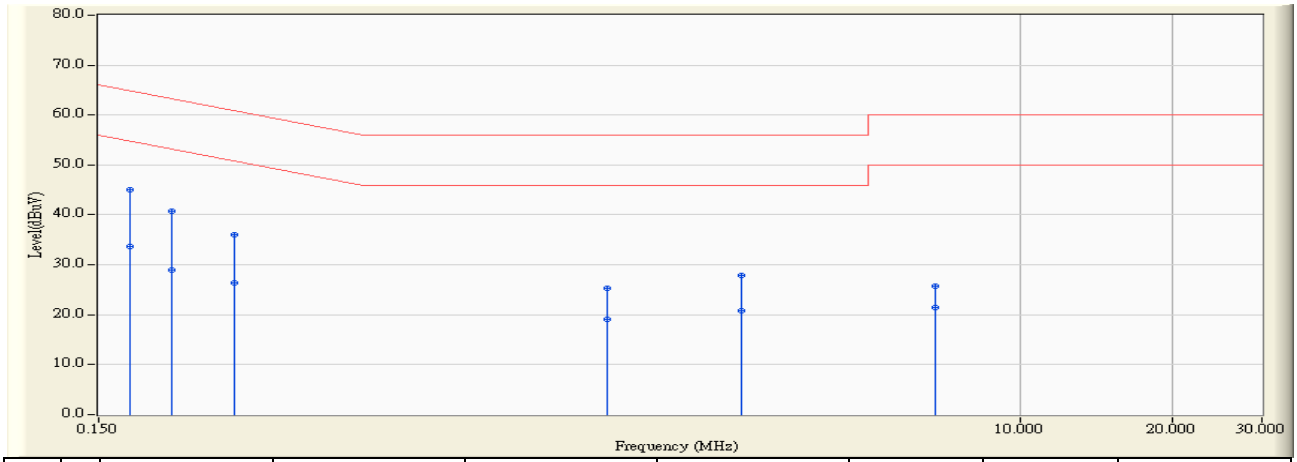


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.173	9.815	35.520	45.335	-19.459	64.794	QUASIPEAK
2		0.173	9.815	24.780	34.595	-20.199	54.794	AVERAGE
3		0.205	9.839	31.580	41.419	-21.968	63.388	QUASIPEAK
4		0.205	9.839	18.610	28.449	-24.938	53.388	AVERAGE
5		0.243	9.832	27.840	37.672	-24.330	62.002	QUASIPEAK
6		0.243	9.832	21.120	30.952	-21.050	52.002	AVERAGE
7		1.462	9.811	14.750	24.561	-31.439	56.000	QUASIPEAK
8		1.462	9.811	9.570	19.381	-26.619	46.000	AVERAGE
9		3.330	9.877	15.400	25.277	-30.723	56.000	QUASIPEAK
10		3.330	9.877	9.570	19.447	-26.553	46.000	AVERAGE
11		6.935	9.986	15.240	25.227	-34.773	60.000	QUASIPEAK
12		6.935	9.986	9.670	19.657	-30.343	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 17:15**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)_ IEEE 802.11n(40M)-5755MHz**

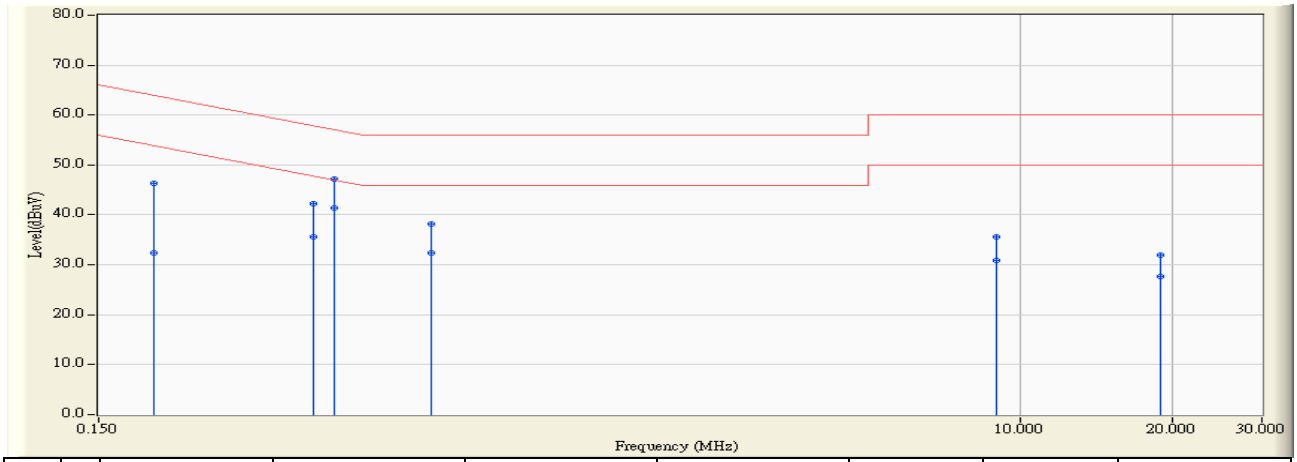


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.173	9.815	35.200	45.015	-19.779	64.794	QUASIPEAK
2		0.173	9.815	23.910	33.725	-21.069	54.794	AVERAGE
3		0.209	9.843	30.900	40.743	-22.487	63.230	QUASIPEAK
4		0.209	9.843	19.030	28.873	-24.357	53.230	AVERAGE
5		0.278	9.820	26.290	36.110	-24.767	60.876	QUASIPEAK
6		0.278	9.820	16.550	26.370	-24.507	50.876	AVERAGE
7		1.517	9.817	15.420	25.237	-30.763	56.000	QUASIPEAK
8		1.517	9.817	9.220	19.037	-26.963	46.000	AVERAGE
9		2.802	9.878	18.060	27.938	-28.062	56.000	QUASIPEAK
10		2.802	9.878	10.970	20.848	-25.152	46.000	AVERAGE
11		6.771	10.003	15.660	25.662	-34.338	60.000	QUASIPEAK
12		6.771	10.003	11.420	21.422	-28.578	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 17:00**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_ IEEE 802.11n(40M)-5755MHz**

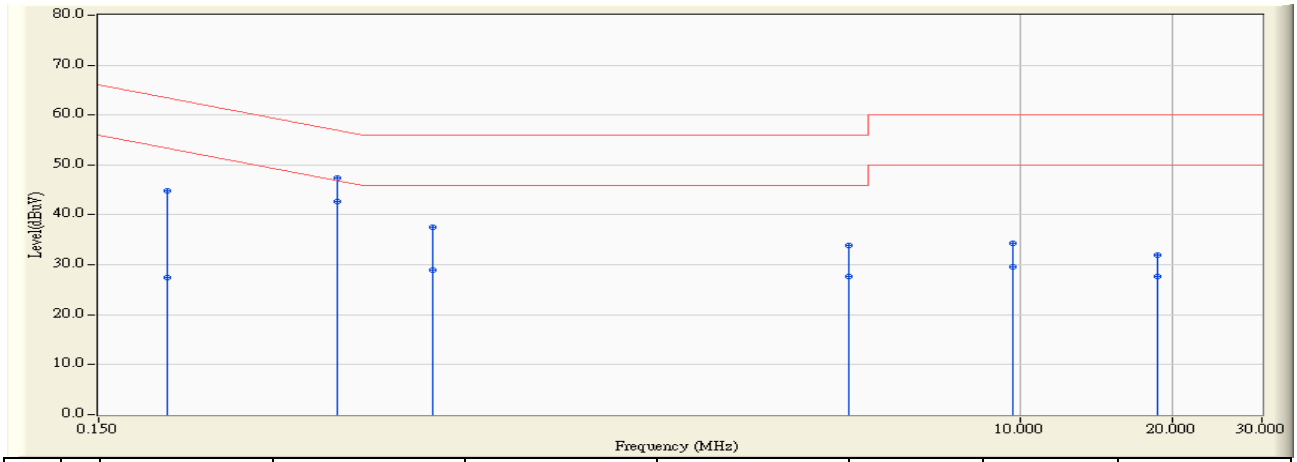


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.193	9.830	36.550	46.379	-17.529	63.908	QUASIPEAK
2		0.193	9.830	22.630	32.459	-21.449	53.908	AVERAGE
3		0.399	9.779	32.500	42.279	-15.596	57.875	QUASIPEAK
4		0.399	9.779	25.860	35.639	-12.236	47.875	AVERAGE
5		0.440	9.773	37.450	47.223	-9.840	57.062	QUASIPEAK
6	*	0.440	9.773	31.560	41.333	-5.730	47.062	AVERAGE
7		0.681	9.755	28.360	38.115	-17.885	56.000	QUASIPEAK
8		0.681	9.755	22.610	32.365	-13.635	46.000	AVERAGE
9		8.939	10.086	25.510	35.597	-24.403	60.000	QUASIPEAK
10		8.939	10.086	20.900	30.987	-19.013	50.000	AVERAGE
11		18.920	10.230	21.790	32.021	-27.979	60.000	QUASIPEAK
12		18.920	10.230	17.410	27.641	-22.359	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 16:57**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_ IEEE 802.11n(40M)-5755MHz**

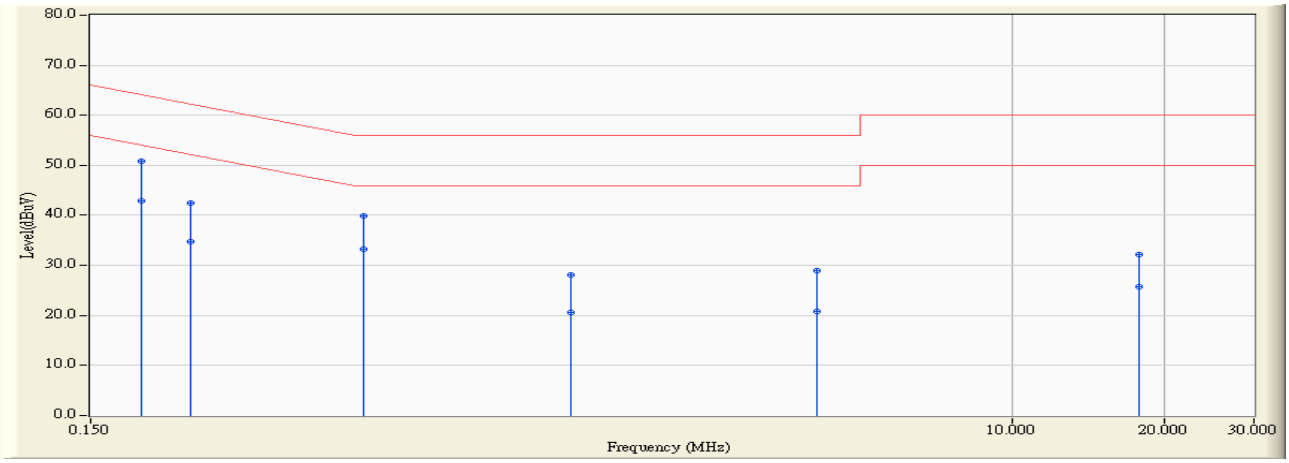


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.205	9.839	34.900	44.739	-18.666	63.405	QUASIPEAK
2		0.205	9.839	17.710	27.549	-35.856	63.405	AVERAGE
3	*	0.445	9.772	37.660	47.432	-9.536	56.968	QUASIPEAK
4		0.445	9.772	32.830	42.602	-14.366	56.968	AVERAGE
5		0.685	9.755	27.850	37.605	-18.395	56.000	QUASIPEAK
6		0.685	9.755	19.260	29.015	-26.985	56.000	AVERAGE
7		4.556	9.898	23.950	33.848	-22.152	56.000	QUASIPEAK
8		4.556	9.898	17.810	27.708	-28.292	56.000	AVERAGE
9		9.638	10.160	24.240	34.400	-25.600	60.000	QUASIPEAK
10		9.638	10.160	19.470	29.630	-30.370	60.000	AVERAGE
11		18.709	10.388	21.580	31.968	-28.032	60.000	QUASIPEAK
12		18.709	10.388	17.330	27.718	-32.282	60.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 16:15**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)_ IEEE 802.11n(40M)-5755MHz**

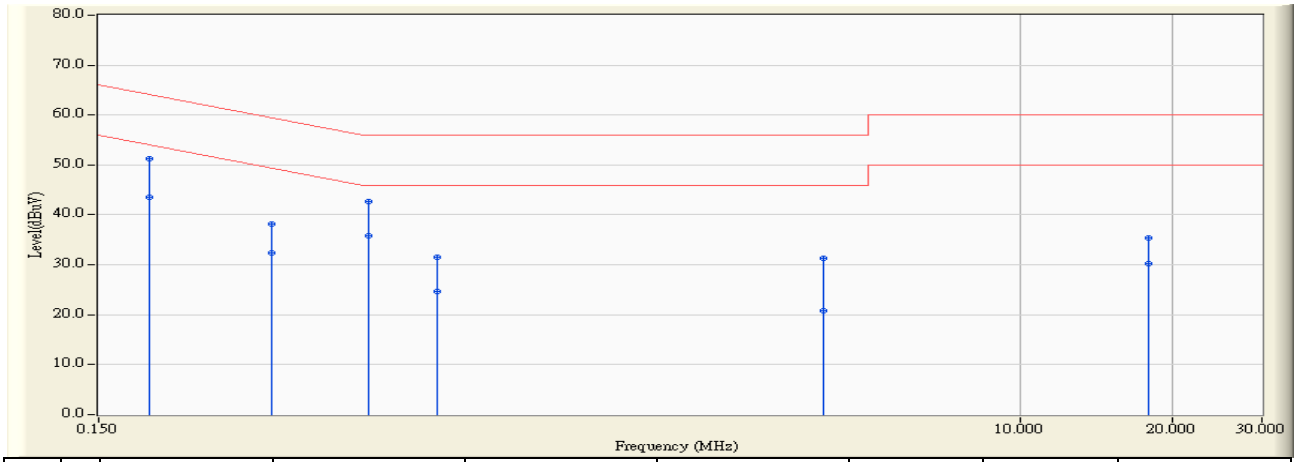


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.189	9.826	40.960	50.786	-13.292	64.078	QUASIPEAK
2	*	0.189	9.826	33.170	42.996	-11.082	54.078	AVERAGE
3		0.236	9.834	32.640	42.474	-19.760	62.234	QUASIPEAK
4		0.236	9.834	24.840	34.674	-17.560	52.234	AVERAGE
5		0.519	9.764	30.120	39.884	-16.116	56.000	QUASIPEAK
6		0.519	9.764	23.540	33.304	-12.696	46.000	AVERAGE
7		1.337	9.797	18.350	28.147	-27.853	56.000	QUASIPEAK
8		1.337	9.797	10.840	20.637	-25.363	46.000	AVERAGE
9		4.088	9.881	18.970	28.851	-27.149	56.000	QUASIPEAK
10		4.088	9.881	10.830	20.711	-25.289	46.000	AVERAGE
11		17.736	10.210	21.930	32.139	-27.861	60.000	QUASIPEAK
12		17.736	10.210	15.490	25.699	-24.301	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2010/08/25 - 16:17**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : AC 120V / 60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)_ IEEE 802.11n(40M)-5755MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.189	9.826	41.420	51.246	-12.832	64.078	QUASIPEAK
2		0.189	9.826	33.720	43.546	-10.532	54.078	AVERAGE
3		0.330	9.802	28.420	38.222	-21.227	59.450	QUASIPEAK
4		0.330	9.802	22.570	32.372	-17.077	49.450	AVERAGE
5		0.511	9.765	32.810	42.575	-13.425	56.000	QUASIPEAK
6	*	0.511	9.765	26.140	35.905	-10.095	46.000	AVERAGE
7		0.703	9.755	21.860	31.615	-24.385	56.000	QUASIPEAK
8		0.703	9.755	14.980	24.735	-21.265	46.000	AVERAGE
9		4.068	9.891	21.340	31.231	-24.769	56.000	QUASIPEAK
10		4.068	9.891	10.820	20.711	-25.289	46.000	AVERAGE
11		17.869	10.354	24.930	35.285	-24.715	60.000	QUASIPEAK
12		17.869	10.354	19.820	30.175	-19.825	50.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

The following test equipments are used during the test:

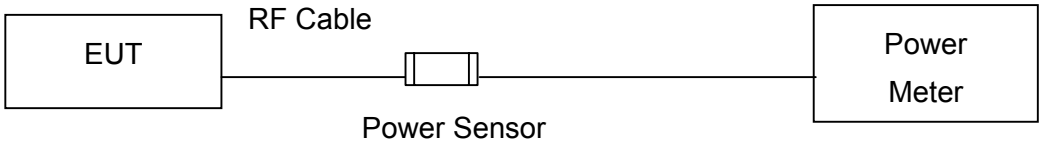
Peak Power / No.7 Shielding Room

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Power Meter	Agilent	N1911A	MY45101353	2011/01/17
Power Sensor	Agilent	N1921A	MY45241670	2011/01/17

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

3.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



3.3. Test procedures

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

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 11Mbps.

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.39	1Watt= 30 dBm	Pass
6	2437	20.23	1Watt= 30 dBm	Pass
11	2462	20.58	1Watt= 30 dBm	Pass

The worst emission of data rate is 11Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412.00	--	--	--	20.39	1Watt= 30 dBm
6	2437.00	20.18	20.15	20.20	20.23	1Watt= 30 dBm
11	2462.00	--	--	--	20.58	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 54Mbps.

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.04	1Watt= 30 dBm	Pass
6	2437	22.93	1Watt= 30 dBm	Pass
11	2462	22.80	1Watt= 30 dBm	Pass

The worst emission of data rate is 54Mbps.

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
1	2412.00	--	--	--	--	--	--	--	23.04	1Watt= 30 dBm
6	2437.00	22.87	22.83	22.21	22.01	22.89	22.49	22.91	22.93	1Watt= 30 dBm
11	2462.00	--	--	--	--	--	--	--	22.80	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.85	1Watt= 30 dBm	Pass
6	2437	19.62	1Watt= 30 dBm	Pass
11	2462	19.32	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	--	--	--	--	--	--	--	19.85	30dBm
6	2437	19.56	19.52	19.83	19.62	19.45	19.45	19.60	19.62	30dBm
11	2462	--	--	--	--	--	--	--	19.32	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.27	1Watt= 30 dBm	Pass
6	2437	20.40	1Watt= 30 dBm	Pass
11	2462	20.07	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	--	--	--	--	--	--	--	20.27	30dBm
6	2437	19.56	19.92	20.02	20.11	20.04	19.56	19.57	20.40	30dBm
11	2462	--	--	--	--	--	--	--	20.07	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.08	1Watt= 30 dBm	Pass
6	2437	23.04	1Watt= 30 dBm	Pass
11	2462	22.72	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	--	--	--	--	--	--	--	23.08	30dBm
6	2437	22.57	22.73	22.94	22.88	22.77	22.52	22.60	23.04	30dBm
11	2462	--	--	--	--	--	--	--	22.72	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	20.88	1Watt= 30 dBm	Pass
6	2437	20.68	1Watt= 30 dBm	Pass
9	2452	20.75	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	--	--	--	--	--	--	--	20.88	30dBm
6	2437	20.65	20.22	20.07	20.06	20.52	20.12	20.34	20.68	30dBm
9	2452	--	--	--	--	--	--	--	20.75	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	21.32	1Watt= 30 dBm	Pass
6	2437	21.49	1Watt= 30 dBm	Pass
9	2452	21.51	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	--	--	--	--	--	--	--	21.32	30dBm
6	2437	20.39	20.21	20.97	20.06	20.95	20.57	20.87	21.49	30dBm
9	2452	--	--	--	--	--	--	--	21.51	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	24.12	1Watt= 30 dBm	Pass
6	2437	24.11	1Watt= 30 dBm	Pass
9	2452	24.16	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	--	--	--	--	--	--	--	24.12	30dBm
6	2437	23.53	23.23	23.55	23.07	23.75	23.36	23.62	24.11	30dBm
9	2452	--	--	--	--	--	--	--	24.16	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 6Mbps.

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	18.95	1Watt= 30 dBm	Pass
153	5785	18.77	1Watt= 30 dBm	Pass
165	5825	18.77	1Watt= 30 dBm	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
149	5745	18.95	--	--	--	--	--	--	--	1Watt= 30 dBm
157	5785	18.77	18.56	18.41	18.65	18.57	18.20	18.51	18.68	1Watt= 30 dBm
165	5825	18.77	--	--	--	--	--	--	--	1Watt= 30 dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	15.92	1Watt= 30 dBm	Pass
153	5785	15.95	1Watt= 30 dBm	Pass
165	5825	15.94	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	--	--	--	--	--	--	--	15.92	30dBm
157	5785	15.61	15.59	15.42	15.69	15.66	15.74	15.85	15.95	30dBm
165	5825	--	--	--	--	--	--	--	15.94	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	15.88	1Watt= 30 dBm	Pass
153	5785	15.91	1Watt= 30 dBm	Pass
165	5825	15.93	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	--	--	--	--	--	--	--	15.88	30dBm
157	5785	15.74	15.68	15.59	15.65	15.76	15.79	15.82	15.91	30dBm
165	5825	--	--	--	--	--	--	--	15.93	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 130 Mbps.

IEEE 802.11n 20MHz (ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	18.91	1Watt= 30 dBm	Pass
153	5785	18.94	1Watt= 30 dBm	Pass
165	5825	18.95	1Watt= 30 dBm	Pass

The worst emission of data rate is 130 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	--	--	--	--	--	--	--	18.91	30dBm
157	5785	18.69	18.65	18.52	18.68	18.72	18.78	18.85	18.94	30dBm
165	5825	--	--	--	--	--	--	--	18.95	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT A)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	15.90	1Watt= 30 dBm	Pass
159	5795	15.91	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	--	--	--	--	--	--	--	15.90	30dBm
159	5795	15.81	15.71	15.74	15.60	15.58	15.76	15.85	15.91	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	15.58	1Watt= 30 dBm	Pass
159	5795	15.72	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	--	--	--	--	--	--	--	15.58	30dBm
159	5795	15.70	15.39	15.42	15.68	15.61	15.58	15.69	15.72	30dBm

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2010/08/20	Test Site	No.7 Shielding Room

The worst emission of data rate is 270Mbps

IEEE802.11n 40MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	18.75	1Watt= 30 dBm	Pass
159	5795	18.83	1Watt= 30 dBm	Pass

The worst emission of data rate is 270Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	--	--	--	--	--	--	--	18.75	30dBm
159	5795	18.77	18.56	18.59	18.65	18.61	18.68	18.78	18.83	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

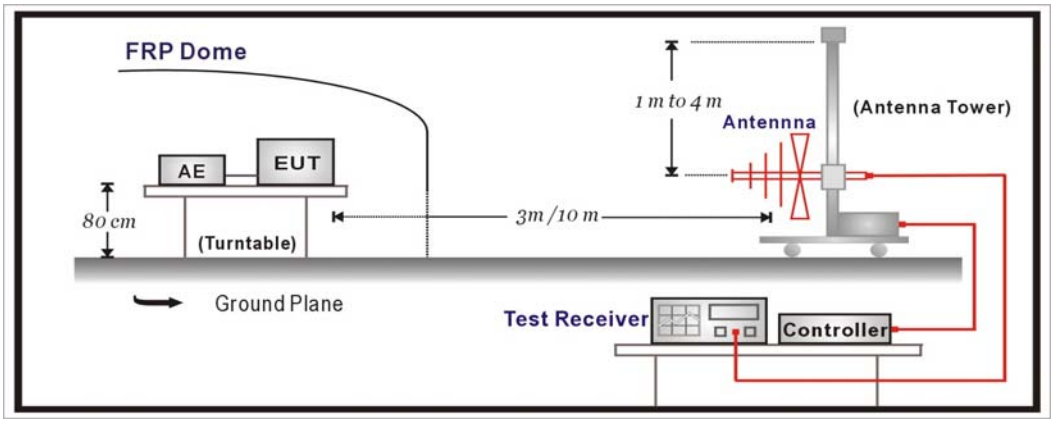
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895	2011/08/14
Horn Antenna	Schwarzback	BBHA 9120D	743	2011/03/14
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2010/12/03
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2011/03/25
Spectrum Analyzer	Agilent	E4440A	MY46187335	2011/01/14
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2011/04/07

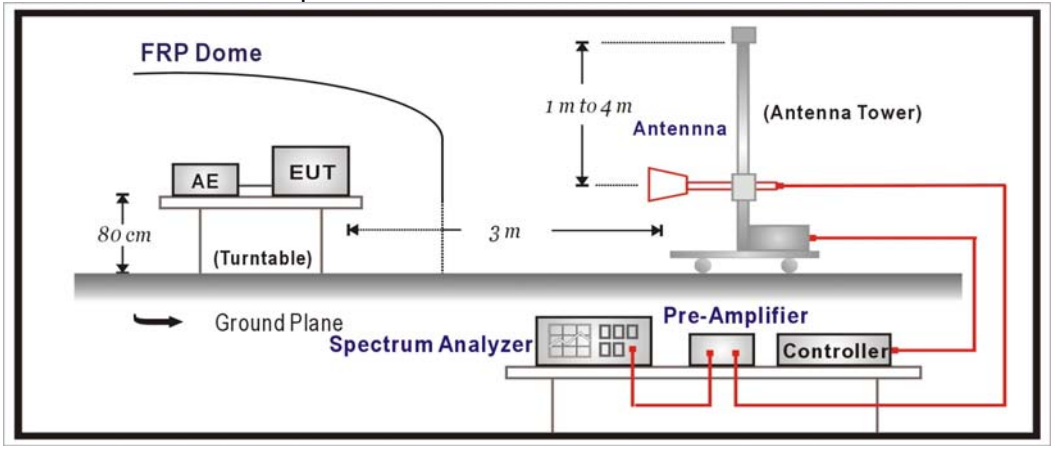
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

4.6. Uncertainty

The measurement uncertainty

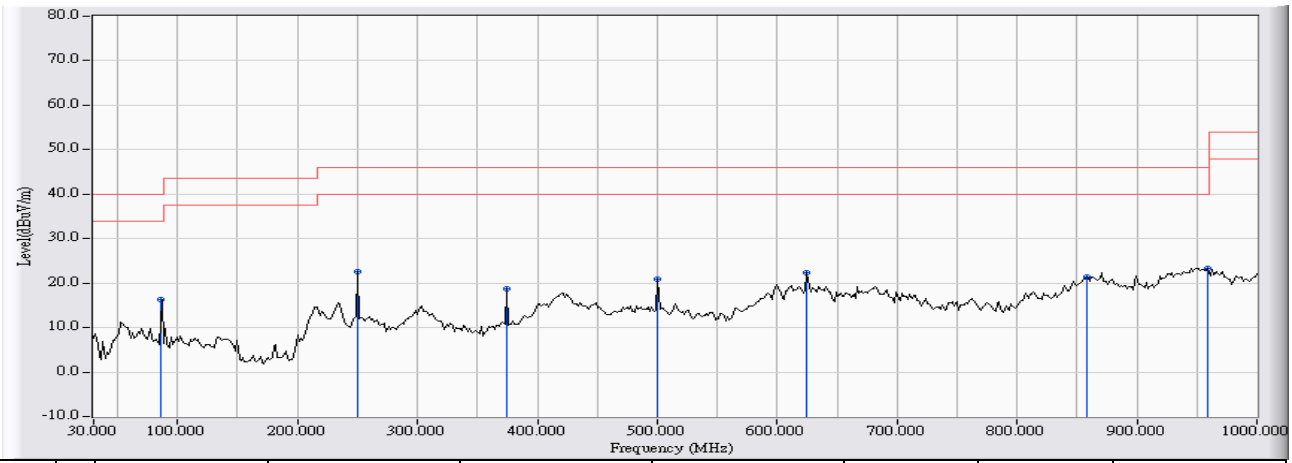
30MHz～1GHz as ±3.43dB

1GHz～26.5Ghz as ±3.65dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2010/08/18 - 15:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11b_2437MHz**

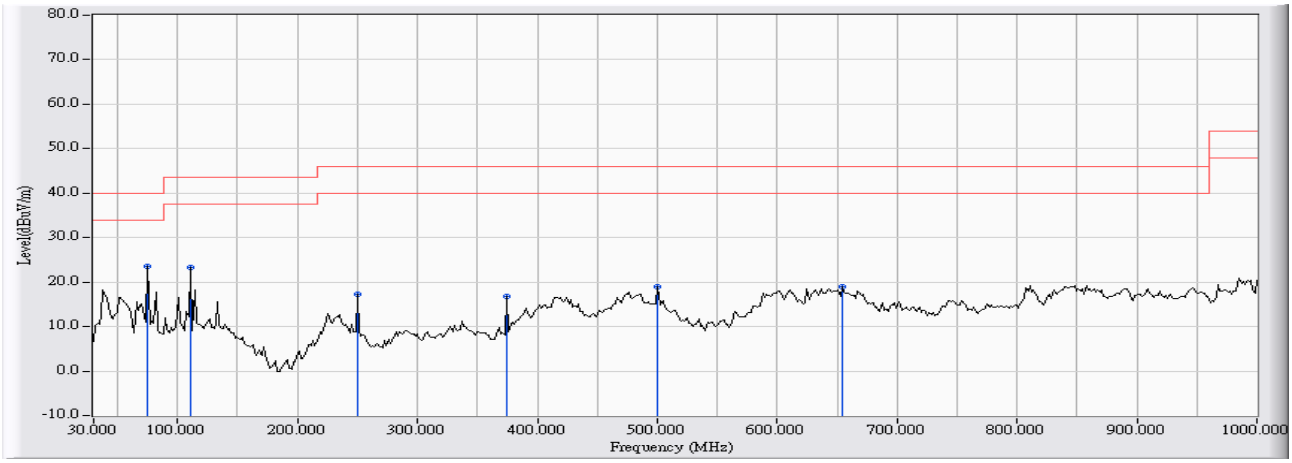


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		86.583	-15.745	32.159	16.414	-23.586	40.000	QUASIPEAK
2		249.867	-13.345	35.838	22.493	-23.507	46.000	QUASIPEAK
3		374.350	-11.196	29.903	18.707	-27.293	46.000	QUASIPEAK
4		500.450	-7.521	28.366	20.846	-25.154	46.000	QUASIPEAK
5		624.933	-3.654	25.884	22.230	-23.770	46.000	QUASIPEAK
6		857.733	0.097	21.332	21.429	-24.571	46.000	QUASIPEAK
7	*	959.583	1.179	22.206	23.385	-22.615	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:11**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11b_2437MHz**

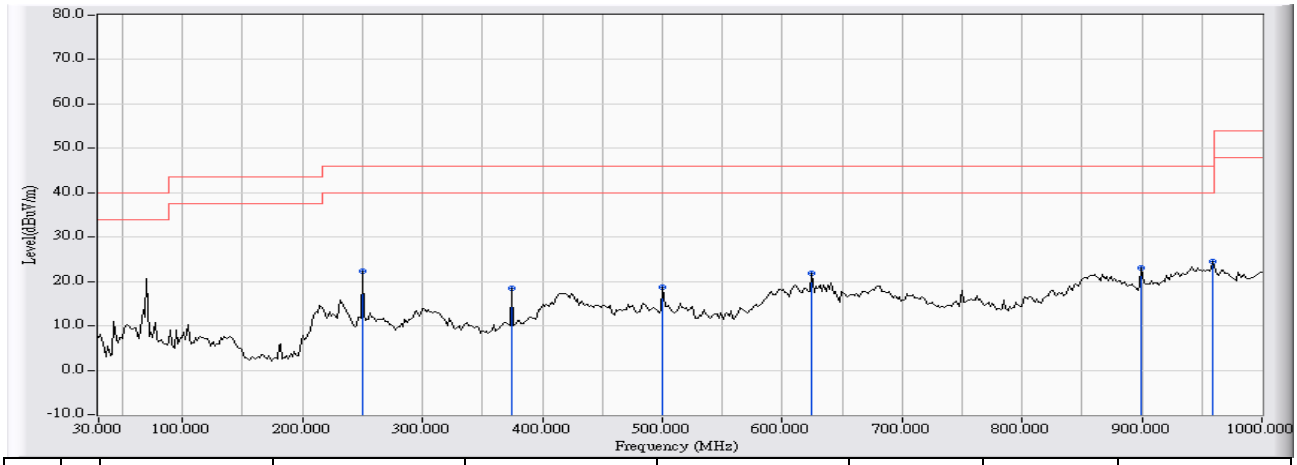


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	75.267	-15.490	38.932	23.442	-16.558	40.000	QUASIPEAK
2		110.833	-12.201	35.609	23.408	-20.092	43.500	QUASIPEAK
3		249.867	-14.145	31.387	17.242	-28.758	46.000	QUASIPEAK
4		374.350	-12.824	29.549	16.725	-29.275	46.000	QUASIPEAK
5		500.450	-6.839	25.688	18.850	-27.150	46.000	QUASIPEAK
6		654.033	-3.556	22.495	18.939	-27.061	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11g_2437MHz**

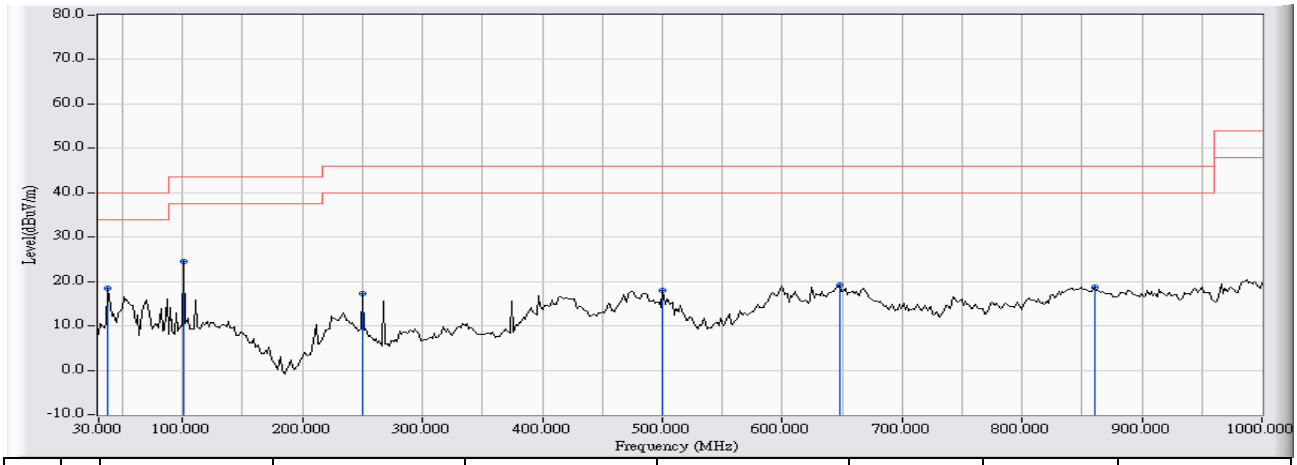


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		249.867	-13.345	35.690	22.345	-23.655	46.000	QUASIPEAK
2		374.350	-11.196	29.662	18.466	-27.534	46.000	QUASIPEAK
3		500.450	-7.521	26.329	18.809	-27.191	46.000	QUASIPEAK
4		624.933	-3.654	25.476	21.822	-24.178	46.000	QUASIPEAK
5		899.767	-1.819	24.820	23.001	-22.999	46.000	QUASIPEAK
6	*	959.583	1.179	23.409	24.588	-21.412	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:25**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11g_2437MHz**

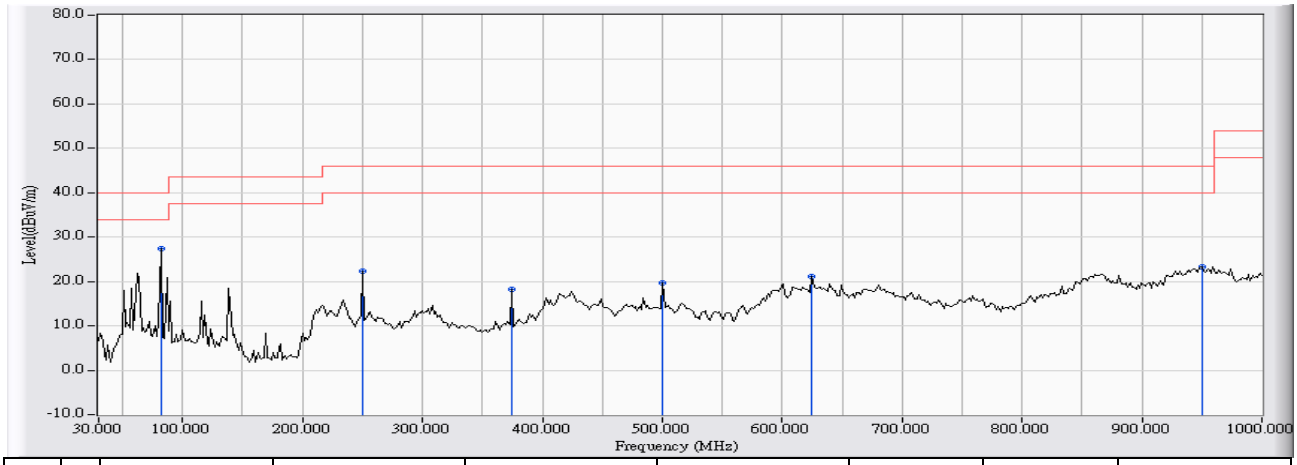


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.083	-10.585	28.957	18.372	-21.628	40.000	QUASIPEAK
2	*	101.133	-11.753	36.259	24.506	-18.994	43.500	QUASIPEAK
3		249.867	-14.145	31.465	17.320	-28.680	46.000	QUASIPEAK
4		500.450	-6.839	24.914	18.076	-27.924	46.000	QUASIPEAK
5		647.567	-3.004	22.215	19.210	-26.790	46.000	QUASIPEAK
6		860.967	-2.611	21.436	18.825	-27.175	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:33**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 802.11n(20M) _2437MHz**

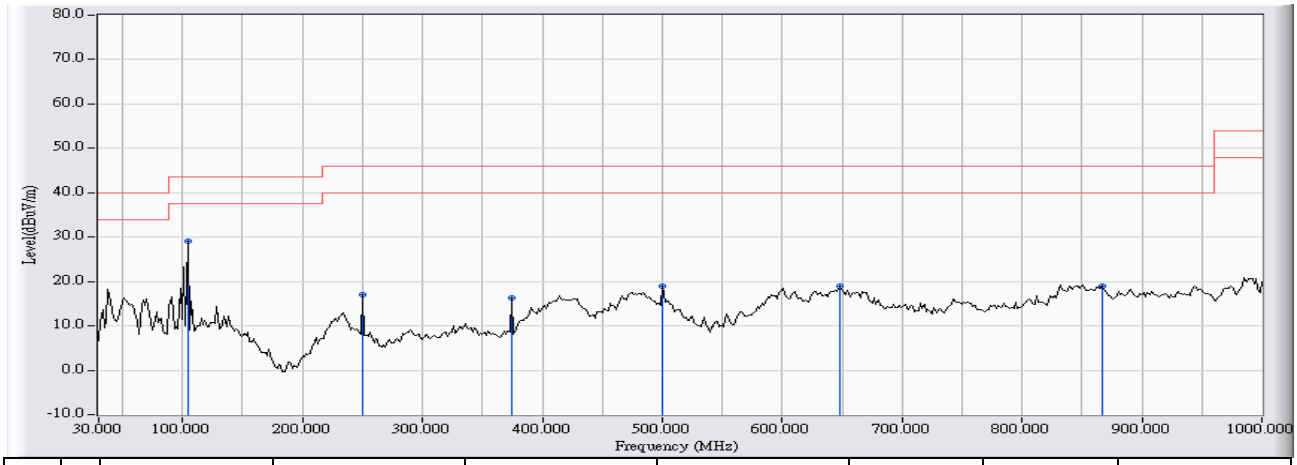


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	81.733	-16.128	43.535	27.406	-12.594	40.000	QUASIPEAK
2		249.867	-13.345	35.646	22.301	-23.699	46.000	QUASIPEAK
3		374.350	-11.196	29.404	18.208	-27.792	46.000	QUASIPEAK
4		500.450	-7.521	27.221	19.701	-26.299	46.000	QUASIPEAK
5		624.933	-3.654	24.836	21.182	-24.818	46.000	QUASIPEAK
6		949.883	2.059	21.252	23.311	-22.689	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:38**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 802.11n(20M) _2437MHz**

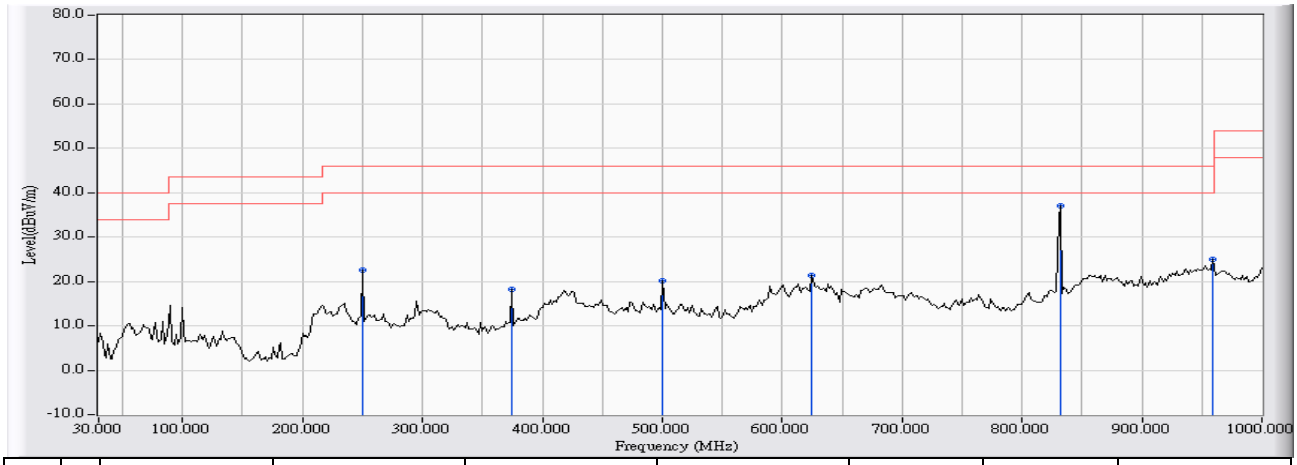


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	104.367	-12.571	41.563	28.992	-14.508	43.500	QUASIPEAK
2		249.867	-14.145	31.121	16.976	-29.024	46.000	QUASIPEAK
3		374.350	-12.824	29.067	16.243	-29.757	46.000	QUASIPEAK
4		500.450	-6.839	25.685	18.847	-27.153	46.000	QUASIPEAK
5		647.567	-3.004	22.021	19.016	-26.984	46.000	QUASIPEAK
6		867.433	-3.070	22.100	19.030	-26.970	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 802.11n(40M) _2437MHz**

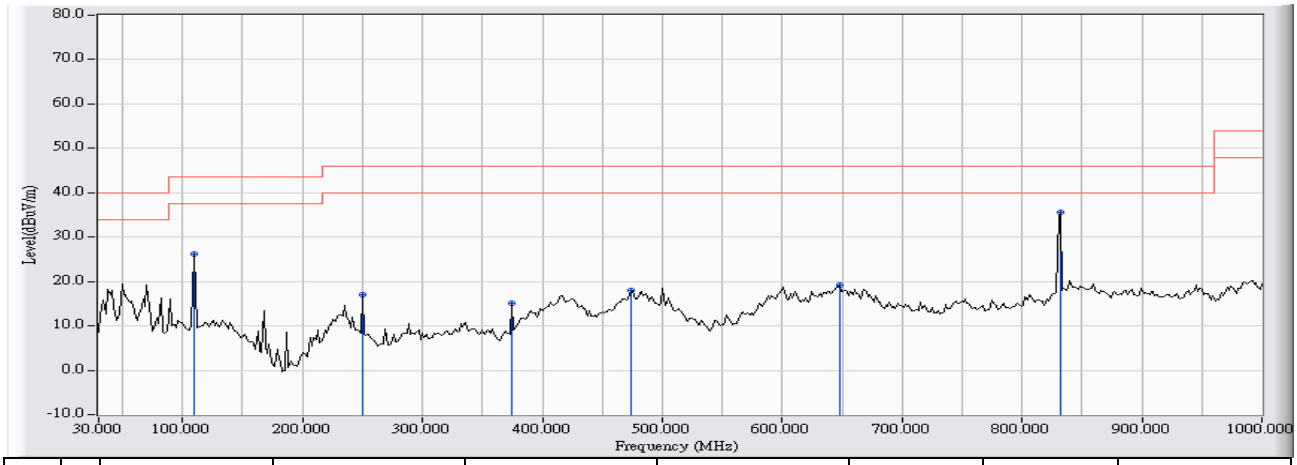


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		249.867	-13.345	35.906	22.561	-23.439	46.000	QUASIPEAK
2		374.350	-11.196	29.312	18.116	-27.884	46.000	QUASIPEAK
3		500.450	-7.521	27.717	20.197	-25.803	46.000	QUASIPEAK
4		624.933	-3.654	25.114	21.460	-24.540	46.000	QUASIPEAK
5	*	831.867	-3.865	40.912	37.047	-8.953	46.000	QUASIPEAK
6		959.583	1.179	23.799	24.978	-21.022	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 15:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 802.11n(40M) _2437MHz**

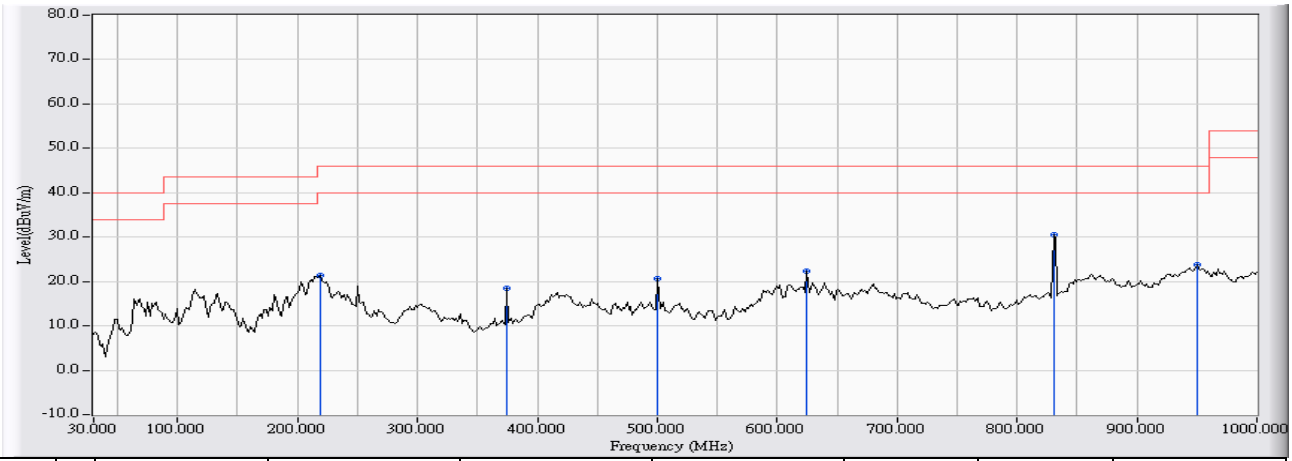


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.217	-12.344	38.648	26.304	-17.196	43.500	QUASIPEAK
2		249.867	-14.145	31.136	16.991	-29.009	46.000	QUASIPEAK
3		374.350	-12.824	27.799	14.975	-31.025	46.000	QUASIPEAK
4		474.583	-3.745	21.640	17.894	-28.106	46.000	QUASIPEAK
5		647.567	-3.004	22.115	19.110	-26.890	46.000	QUASIPEAK
6	*	831.867	-3.262	38.784	35.522	-10.478	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11b_2437MHz**

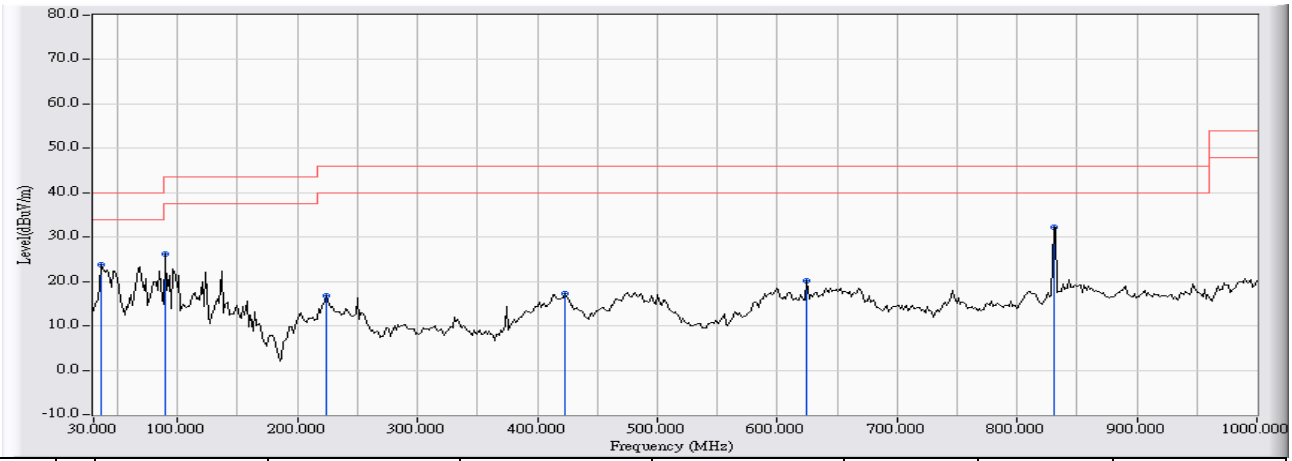


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		219.150	-13.947	35.354	21.407	-24.593	46.000	QUASIPEAK
2		374.350	-11.196	29.596	18.400	-27.600	46.000	QUASIPEAK
3		500.450	-7.521	28.242	20.722	-25.278	46.000	QUASIPEAK
4		624.933	-3.654	25.890	22.236	-23.764	46.000	QUASIPEAK
5	*	830.250	-3.940	34.371	30.431	-15.569	46.000	QUASIPEAK
6		949.883	2.059	21.804	23.863	-22.137	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:08**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11b_2437MHz**

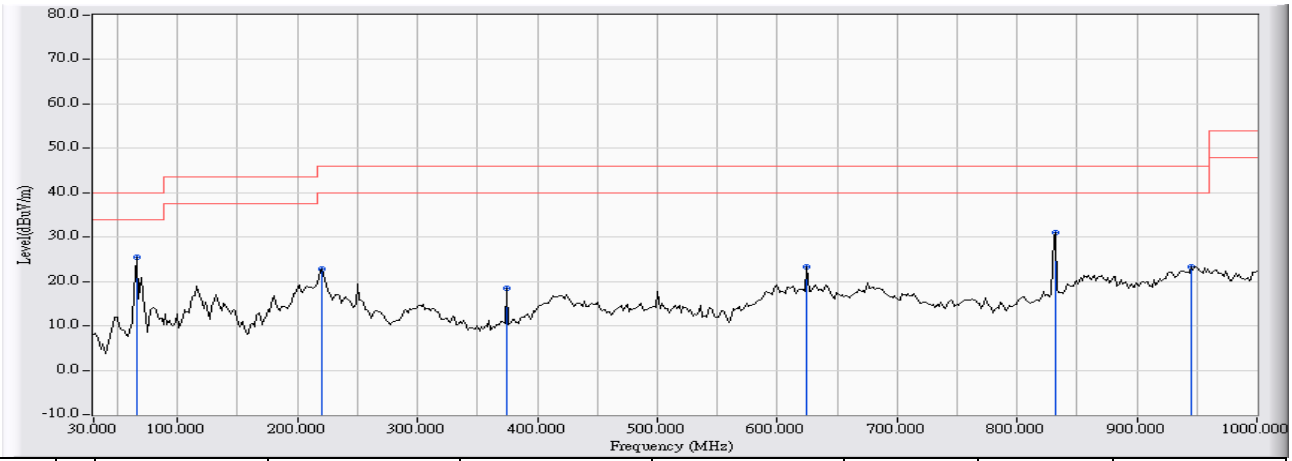


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		36.467	-12.175	35.897	23.722	-16.278	40.000	QUASIPEAK
2		89.817	-13.427	39.526	26.099	-17.401	43.500	QUASIPEAK
3		224.000	-12.777	29.477	16.700	-29.300	46.000	QUASIPEAK
4		422.850	-5.376	22.620	17.243	-28.757	46.000	QUASIPEAK
5		624.933	-5.410	25.518	20.108	-25.892	46.000	QUASIPEAK
6	*	830.250	-3.345	35.600	32.255	-13.745	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11g_2437MHz**

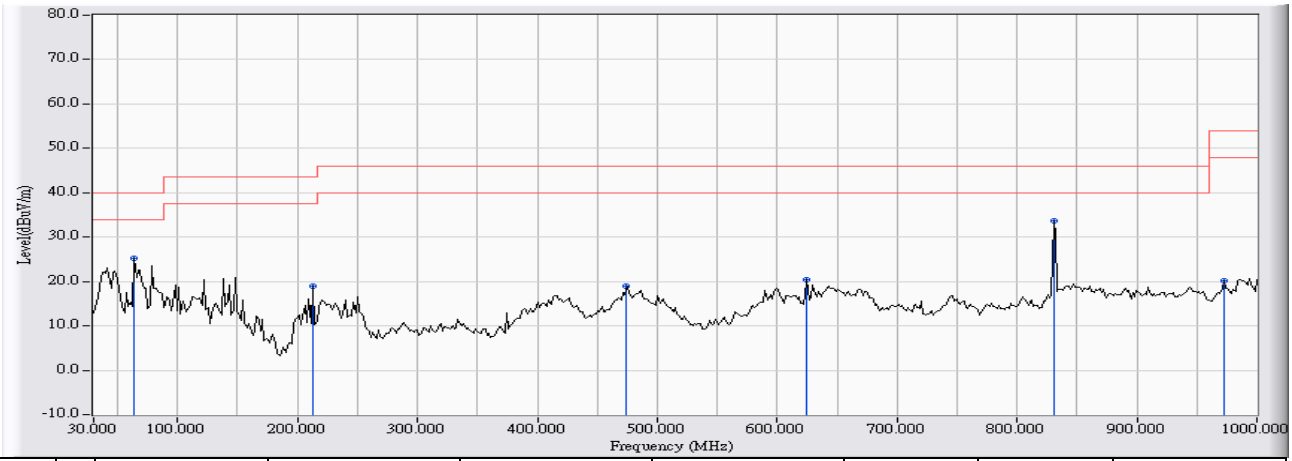


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-15.054	40.444	25.390	-14.610	40.000	QUASIPEAK
2		220.767	-13.822	36.563	22.741	-23.259	46.000	QUASIPEAK
3		374.350	-11.196	29.599	18.403	-27.597	46.000	QUASIPEAK
4		624.933	-3.654	26.921	23.267	-22.733	46.000	QUASIPEAK
5		831.867	-3.865	34.913	31.048	-14.952	46.000	QUASIPEAK
6		945.033	1.407	21.878	23.285	-22.715	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:24**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11g_2437MHz**

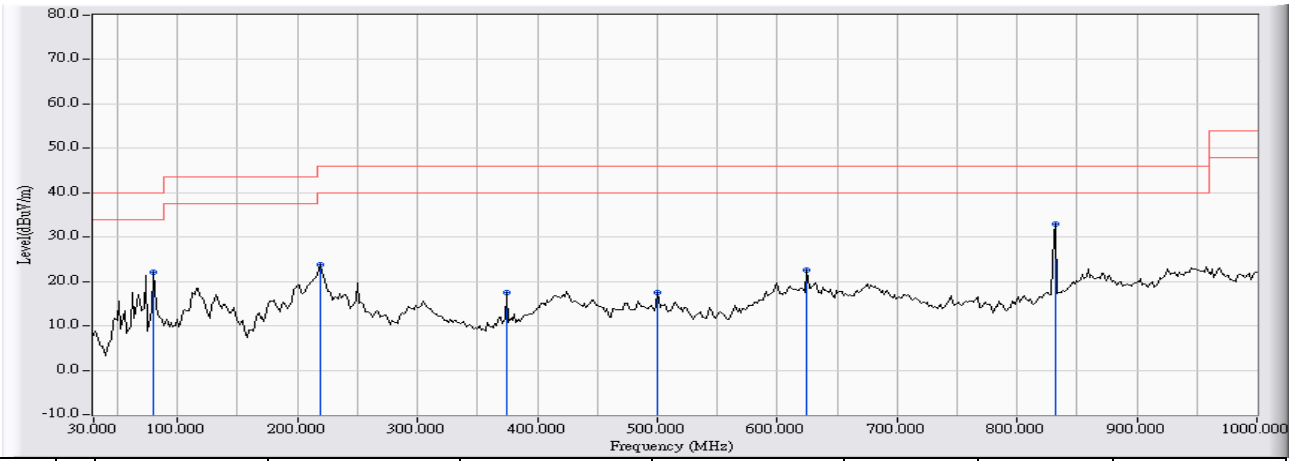


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		63.950	-16.340	41.687	25.347	-14.653	40.000	QUASIPEAK
2		212.683	-18.963	37.847	18.883	-24.617	43.500	QUASIPEAK
3		474.583	-3.745	22.711	18.965	-27.035	46.000	QUASIPEAK
4		624.933	-5.410	25.900	20.490	-25.510	46.000	QUASIPEAK
5	*	830.250	-3.345	36.927	33.582	-12.418	46.000	QUASIPEAK
6		972.517	-2.381	22.600	20.219	-33.781	54.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:33**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(20M) _2437MHz**

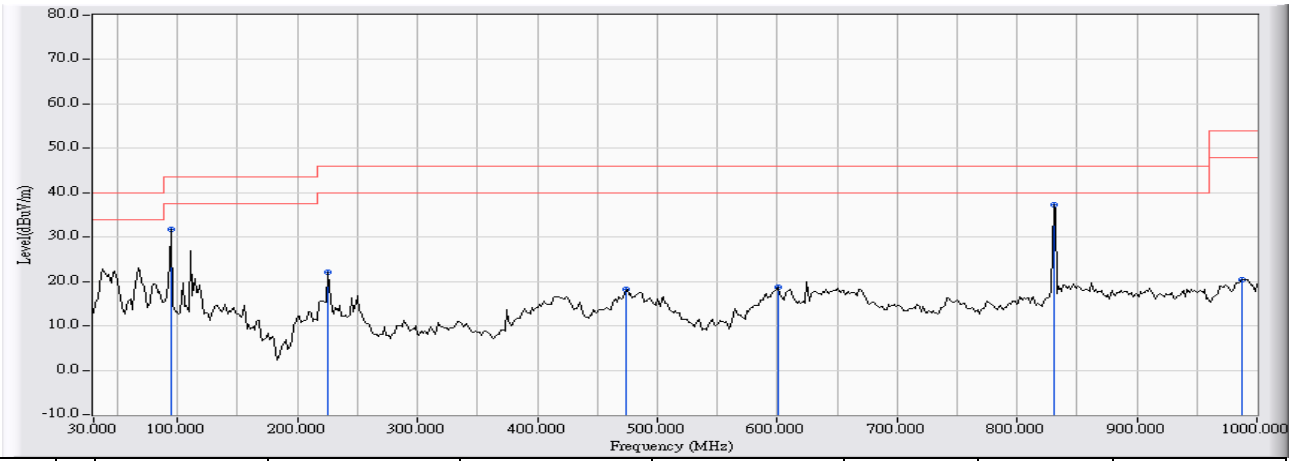


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.117	-16.141	38.171	22.030	-17.970	40.000	QUASIPEAK
2		219.150	-13.947	37.702	23.755	-22.245	46.000	QUASIPEAK
3		374.350	-11.196	28.706	17.510	-28.490	46.000	QUASIPEAK
4		500.450	-7.521	25.134	17.614	-28.386	46.000	QUASIPEAK
5		624.933	-3.654	26.137	22.483	-23.517	46.000	QUASIPEAK
6	*	831.867	-3.865	36.765	32.900	-13.100	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:36**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(20M) _2437MHz**

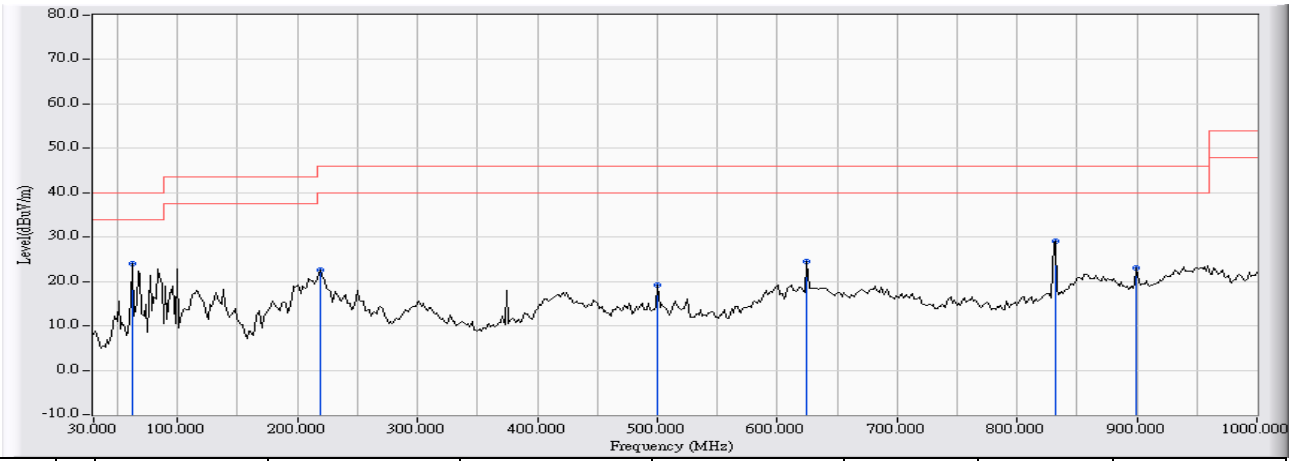


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.667	-13.630	45.448	31.819	-11.681	43.500	QUASIPEAK
2		225.617	-12.238	34.312	22.073	-23.927	46.000	QUASIPEAK
3		474.583	-3.745	21.939	18.193	-27.807	46.000	QUASIPEAK
4		600.683	-3.087	21.823	18.736	-27.264	46.000	QUASIPEAK
5	*	830.250	-3.345	40.517	37.172	-8.828	46.000	QUASIPEAK
6		987.067	-0.749	21.117	20.367	-33.633	54.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(40M) _2437MHz**

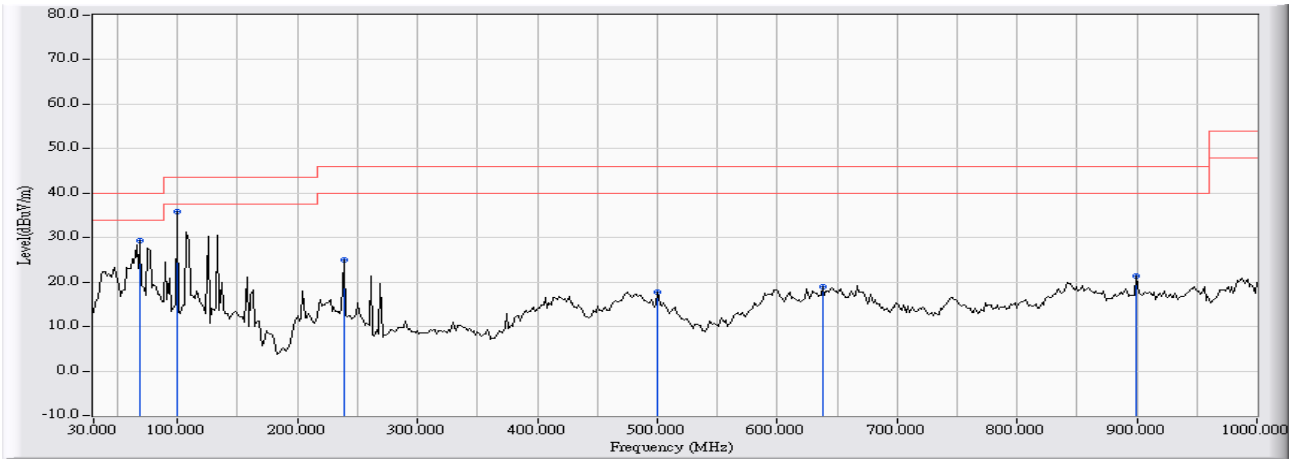


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	62.333	-14.640	38.721	24.081	-15.919	40.000	QUASIPEAK
2		219.150	-13.947	36.600	22.653	-23.347	46.000	QUASIPEAK
3		500.450	-7.521	26.668	19.148	-26.852	46.000	QUASIPEAK
4		624.933	-3.654	28.159	24.505	-21.495	46.000	QUASIPEAK
5		831.867	-3.865	33.057	29.192	-16.808	46.000	QUASIPEAK
6		899.767	-1.819	24.891	23.072	-22.928	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 16:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(40M) _2437MHz**

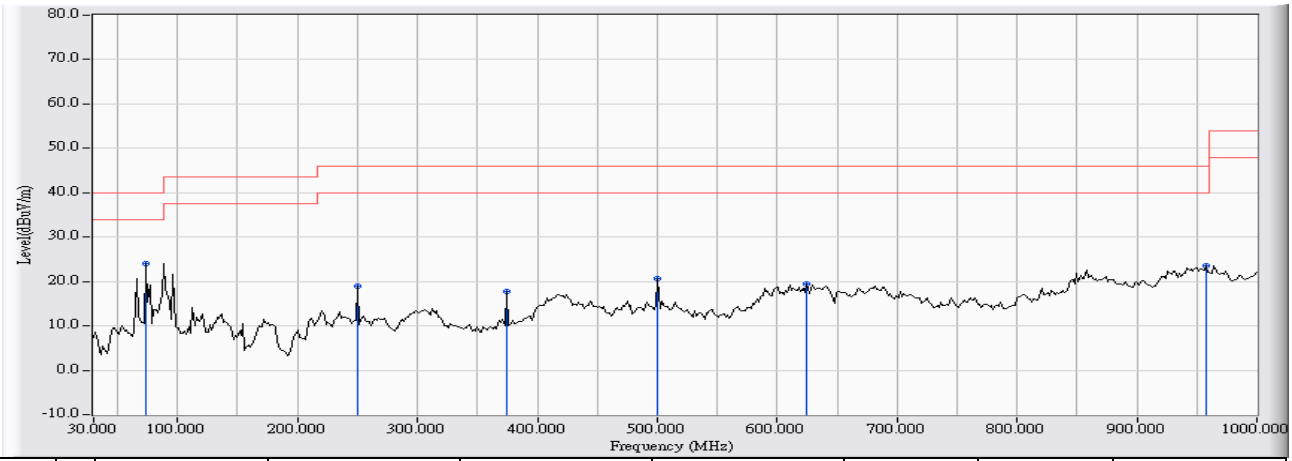


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		68.800	-15.659	44.877	29.217	-10.783	40.000	QUASIPEAK
2	*	99.517	-11.685	47.462	35.777	-7.723	43.500	QUASIPEAK
3		238.550	-13.153	38.134	24.980	-21.020	46.000	QUASIPEAK
4		500.450	-6.839	24.674	17.836	-28.164	46.000	QUASIPEAK
5		637.867	-3.937	22.823	18.886	-27.114	46.000	QUASIPEAK
6		899.767	-3.980	25.329	21.349	-24.651	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:03**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11b_2437MHz**

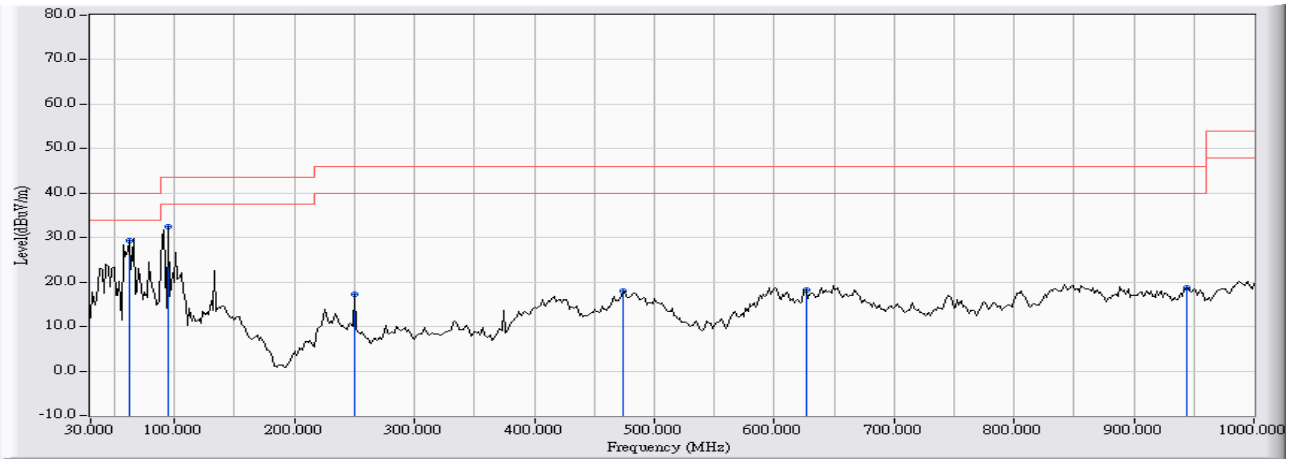


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	73.650	-15.332	39.433	24.101	-15.899	40.000	QUASIPEAK
2		249.867	-13.345	32.320	18.975	-27.025	46.000	QUASIPEAK
3		374.350	-11.196	29.015	17.819	-28.181	46.000	QUASIPEAK
4		500.450	-7.521	28.247	20.727	-25.273	46.000	QUASIPEAK
5		624.933	-3.654	23.207	19.553	-26.447	46.000	QUASIPEAK
6		957.967	1.468	22.173	23.642	-22.358	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11b_2437MHz**

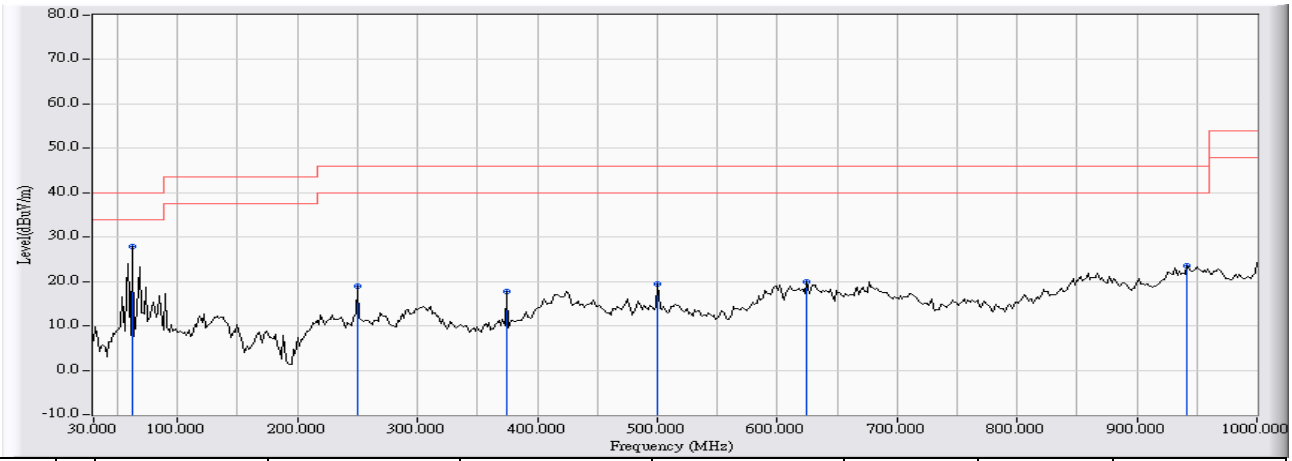


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	62.333	-16.388	45.678	29.290	-10.710	40.000	QUASIPEAK
2		94.667	-13.630	46.038	32.409	-11.091	43.500	QUASIPEAK
3		249.867	-14.145	31.399	17.254	-28.746	46.000	QUASIPEAK
4		474.583	-3.745	21.693	17.947	-28.053	46.000	QUASIPEAK
5		626.550	-4.915	23.244	18.328	-27.672	46.000	QUASIPEAK
6		943.417	-2.853	21.533	18.680	-27.320	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11g_2437MHz**

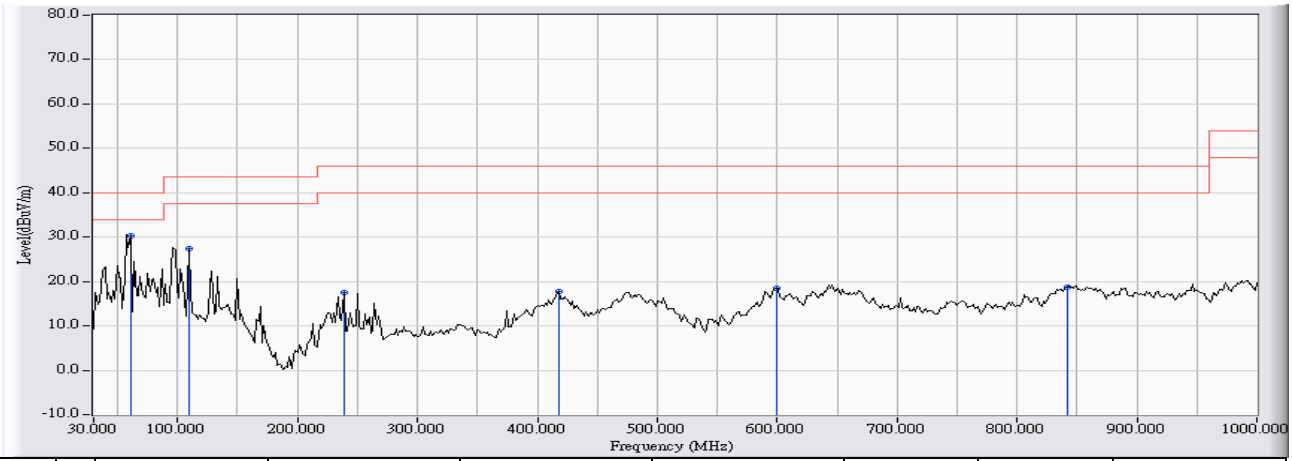


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	62.333	-14.640	42.490	27.850	-12.150	40.000	QUASIPEAK
2		249.867	-13.345	32.391	19.046	-26.954	46.000	QUASIPEAK
3		374.350	-11.196	29.040	17.844	-28.156	46.000	QUASIPEAK
4		500.450	-7.521	27.059	19.539	-26.461	46.000	QUASIPEAK
5		624.933	-3.654	23.477	19.823	-26.177	46.000	QUASIPEAK
6		941.800	1.233	22.299	23.532	-22.468	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11g_2437MHz**

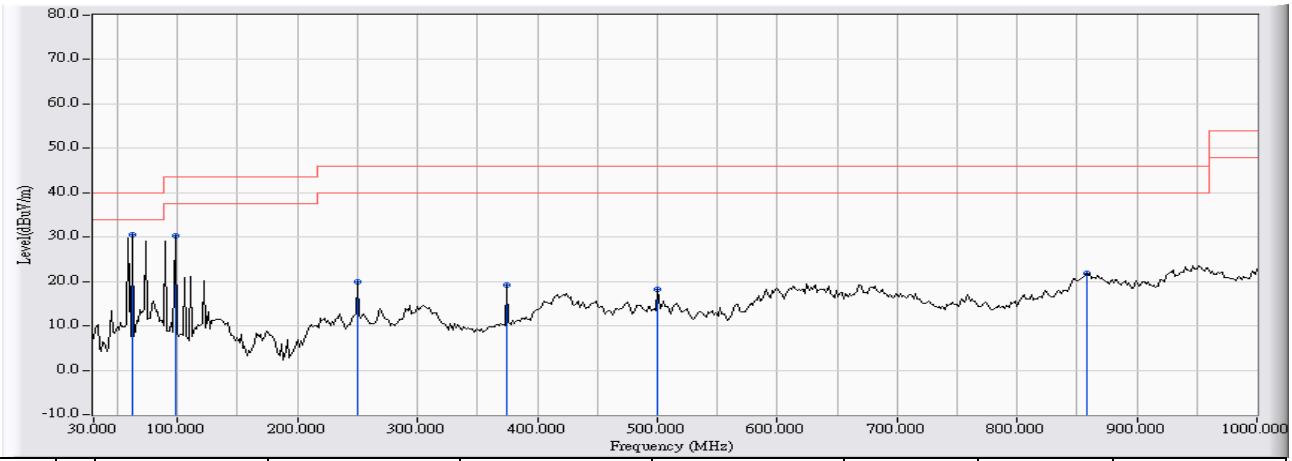


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	60.717	-16.406	46.656	30.250	-9.750	40.000	QUASIPEAK
2		109.217	-12.344	39.668	27.324	-16.176	43.500	QUASIPEAK
3		238.550	-13.153	30.610	17.456	-28.544	46.000	QUASIPEAK
4		418.000	-5.005	22.811	17.806	-28.194	46.000	QUASIPEAK
5		599.067	-3.026	21.557	18.532	-27.468	46.000	QUASIPEAK
6		841.567	-2.412	21.164	18.752	-27.248	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:25**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(20M) _2437MHz**

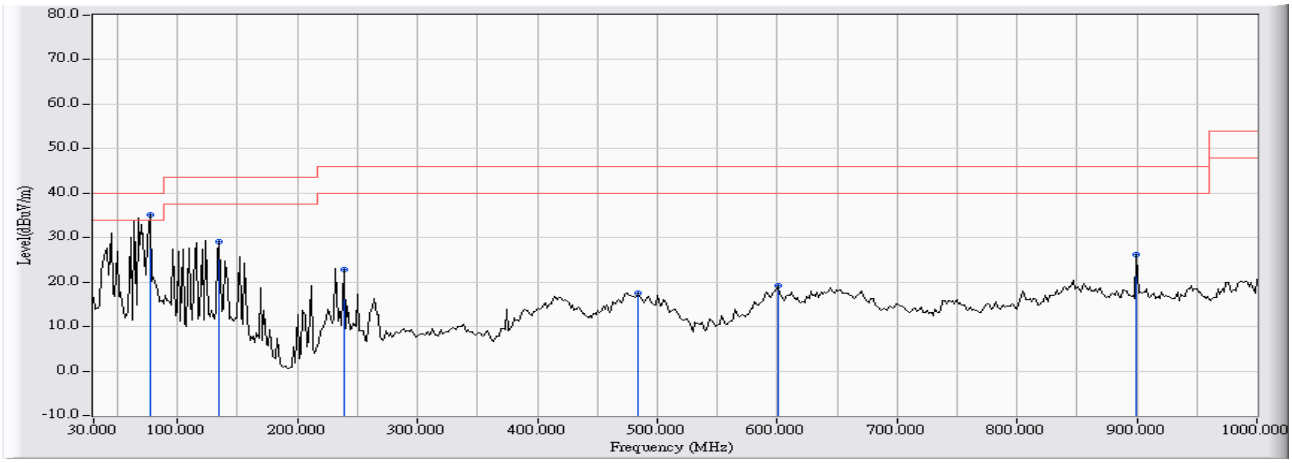


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	62.333	-14.640	45.228	30.588	-9.412	40.000	QUASIPEAK
2		97.900	-15.178	45.447	30.269	-13.231	43.500	QUASIPEAK
3		249.867	-13.345	33.261	19.916	-26.084	46.000	QUASIPEAK
4		374.350	-11.196	30.409	19.213	-26.787	46.000	QUASIPEAK
5		500.450	-7.521	25.712	18.192	-27.808	46.000	QUASIPEAK
6		857.733	0.097	21.863	21.960	-24.040	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(20M) _2437MHz**

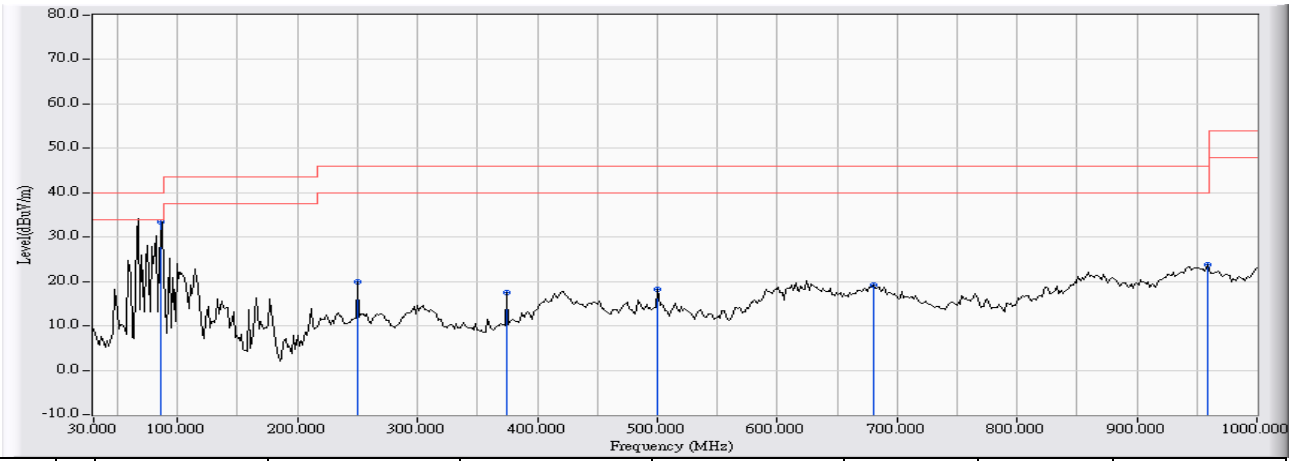


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	76.883	-15.187	50.391	35.204	-4.796	40.000	QUASIPEAK
2		135.083	-11.868	40.899	29.031	-14.469	43.500	QUASIPEAK
3		238.550	-13.153	36.026	22.872	-23.128	46.000	QUASIPEAK
4		484.283	-4.348	21.770	17.422	-28.578	46.000	QUASIPEAK
5		600.683	-3.087	22.163	19.076	-26.924	46.000	QUASIPEAK
6		899.767	-3.980	30.290	26.310	-19.690	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(40M) _2437MHz**

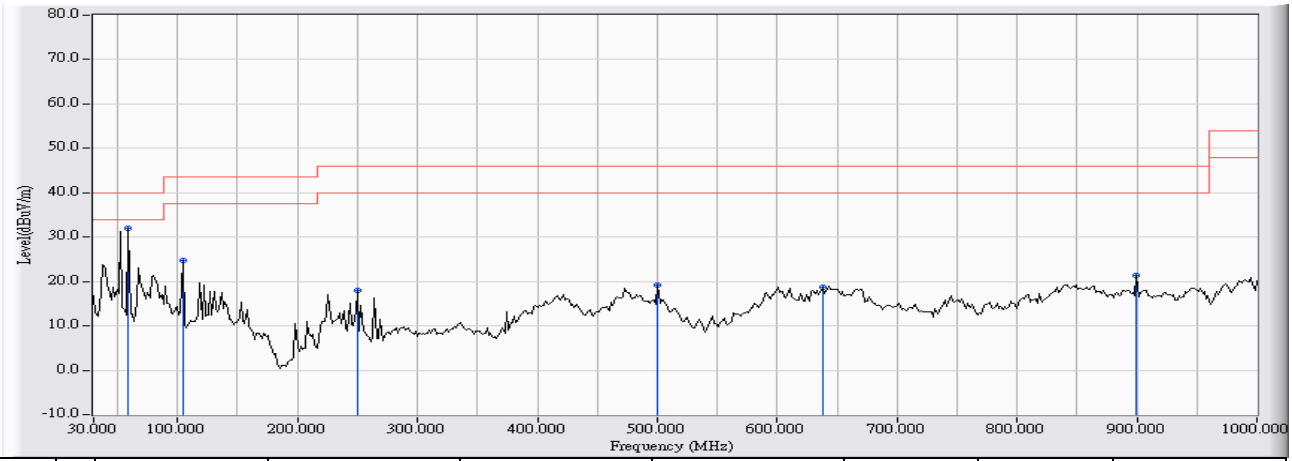


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	0.000	-14.265	48.337	34.072	-5.928	40.000	QUASIPEAK
2		86.583	-15.745	49.261	33.516	-6.484	40.000	QUASIPEAK
3		249.867	-13.345	33.257	19.912	-26.088	46.000	QUASIPEAK
4		374.350	-11.196	28.618	17.422	-28.578	46.000	QUASIPEAK
5		500.450	-7.521	25.822	18.302	-27.698	46.000	QUASIPEAK
6		679.900	-2.620	21.766	19.147	-26.853	46.000	QUASIPEAK
7		959.583	1.179	22.503	23.682	-22.318	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/18 - 17:44**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(40M) _2437MHz**

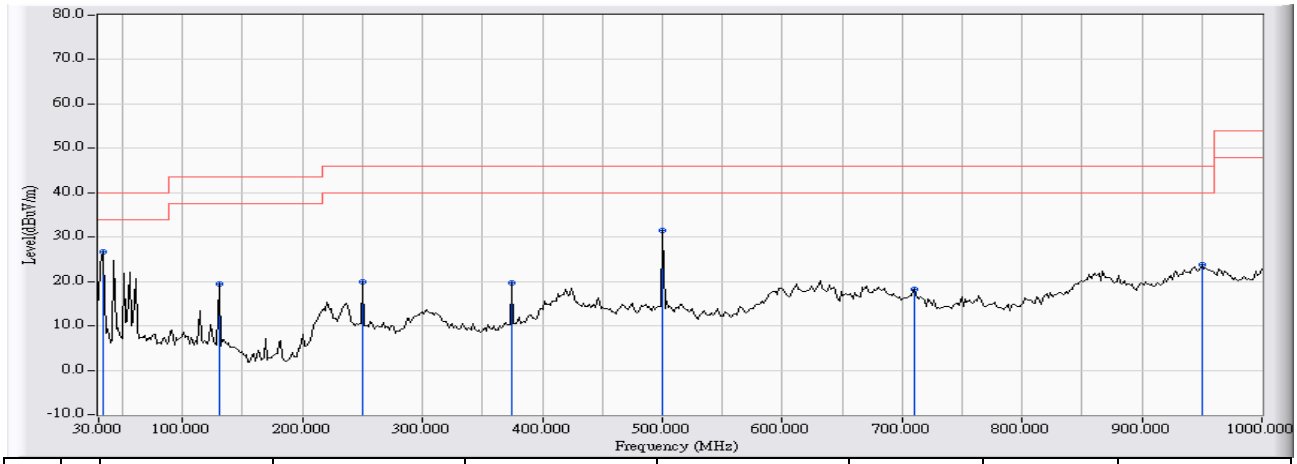


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	59.100	-16.511	48.476	31.965	-8.035	40.000	QUASIPEAK
2		104.367	-12.571	37.413	24.842	-18.658	43.500	QUASIPEAK
3		249.867	-14.145	32.232	18.087	-27.913	46.000	QUASIPEAK
4		500.450	-6.839	26.133	19.295	-26.705	46.000	QUASIPEAK
5		637.867	-3.937	22.662	18.725	-27.275	46.000	QUASIPEAK
6		899.767	-3.980	25.413	21.433	-24.567	46.000	QUASIPEAK

Note:

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

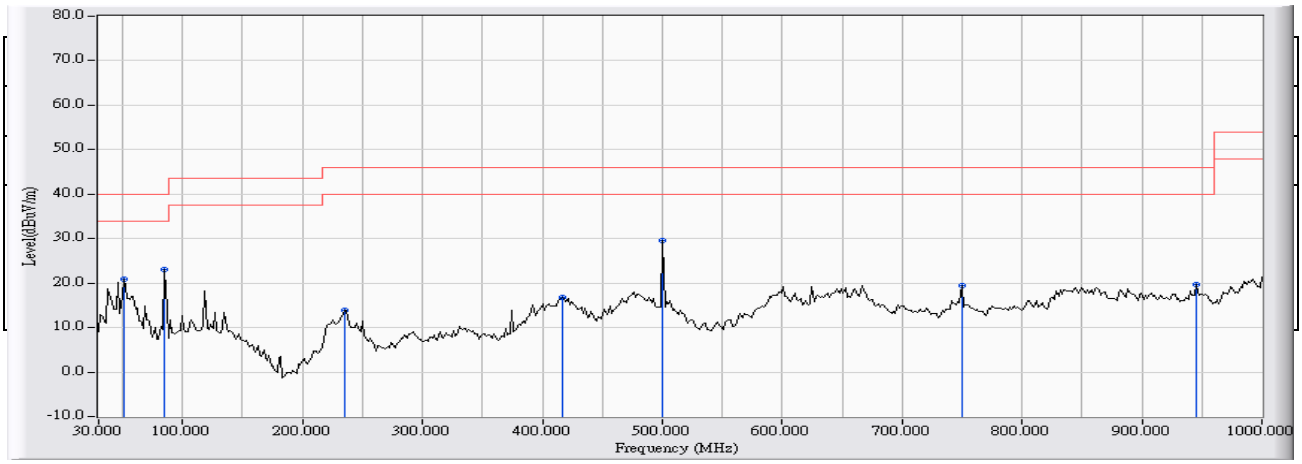
Site : CB1	**Time : 2010/08/21 - 08:33**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)_802.11a_5785MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.233	-15.372	41.981	26.609	-13.391	40.000	PEAK
2		130.233	-16.295	35.696	19.401	-24.099	43.500	PEAK
3		249.867	-13.345	33.384	20.039	-25.961	46.000	PEAK
4		374.350	-11.196	30.925	19.729	-26.271	46.000	PEAK
5		500.450	-7.521	38.907	31.387	-14.613	46.000	PEAK
6		710.617	-4.516	22.747	18.231	-27.769	46.000	PEAK
7		949.883	2.059	21.758	23.817	-22.183	46.000	PEAK

Note:

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

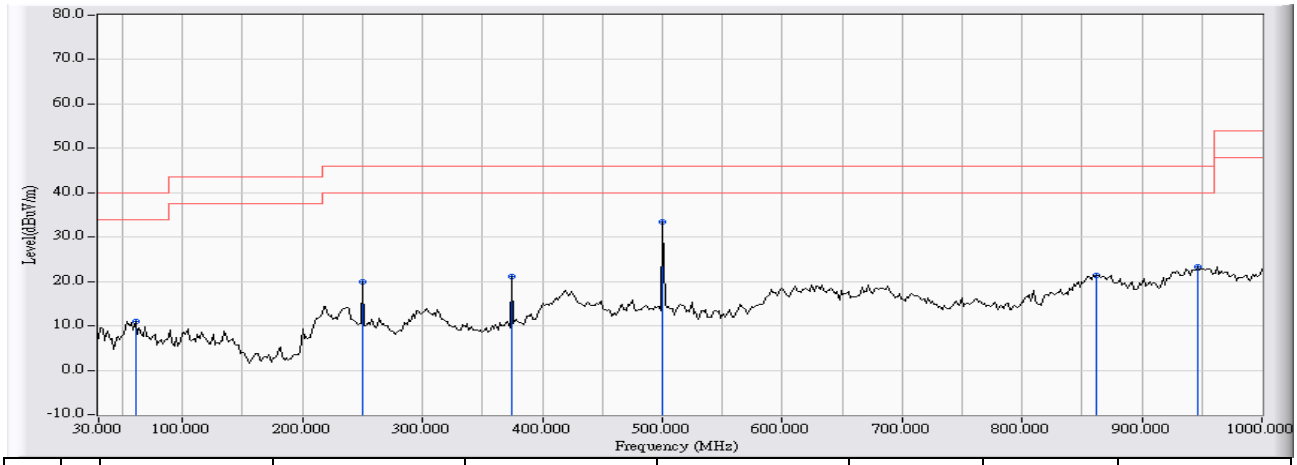


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		51.017	-14.501	35.346	20.845	-19.155	40.000	QUASIPEAK
2		84.967	-14.959	38.126	23.167	-16.833	40.000	QUASIPEAK
3		235.317	-12.013	25.857	13.844	-32.156	46.000	QUASIPEAK
4		416.383	-4.897	21.666	16.769	-29.231	46.000	QUASIPEAK
5	*	500.450	-6.839	36.403	29.565	-16.435	46.000	QUASIPEAK
6		749.417	-5.785	25.183	19.399	-26.601	46.000	QUASIPEAK
7		945.033	-2.680	22.463	19.782	-26.218	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 08:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11n(20M) _5785MHz**

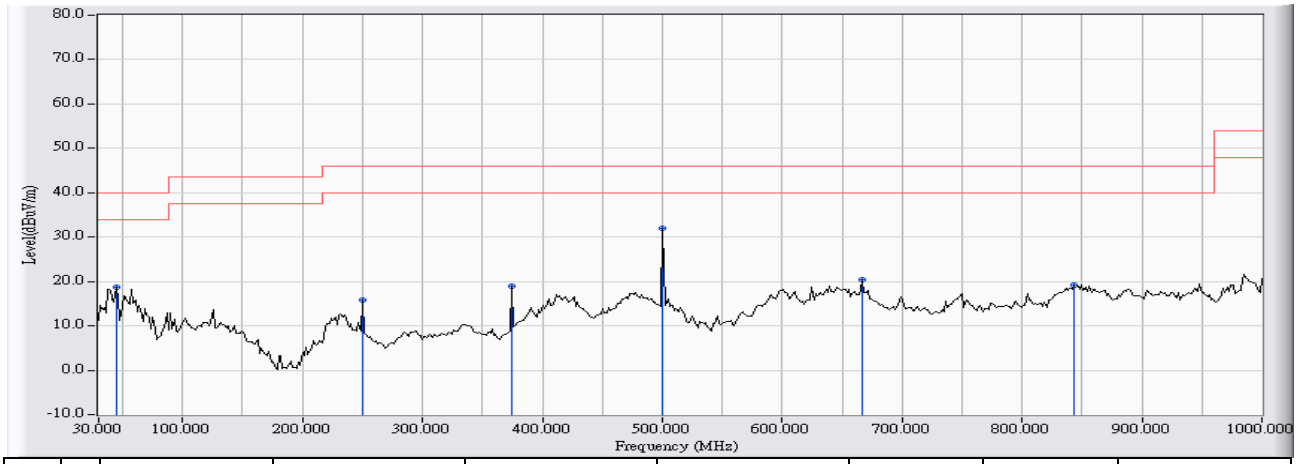


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		60.717	-14.386	25.267	10.881	-29.119	40.000	QUASIPEAK
2		249.867	-13.345	33.317	19.972	-26.028	46.000	QUASIPEAK
3		374.350	-11.196	32.266	21.070	-24.930	46.000	QUASIPEAK
4	*	500.450	-7.521	40.984	33.464	-12.536	46.000	QUASIPEAK
5		862.583	-0.008	21.353	21.345	-24.655	46.000	QUASIPEAK
6		946.650	1.611	21.586	23.197	-22.803	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 08:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11n(20M) _5785MHz**

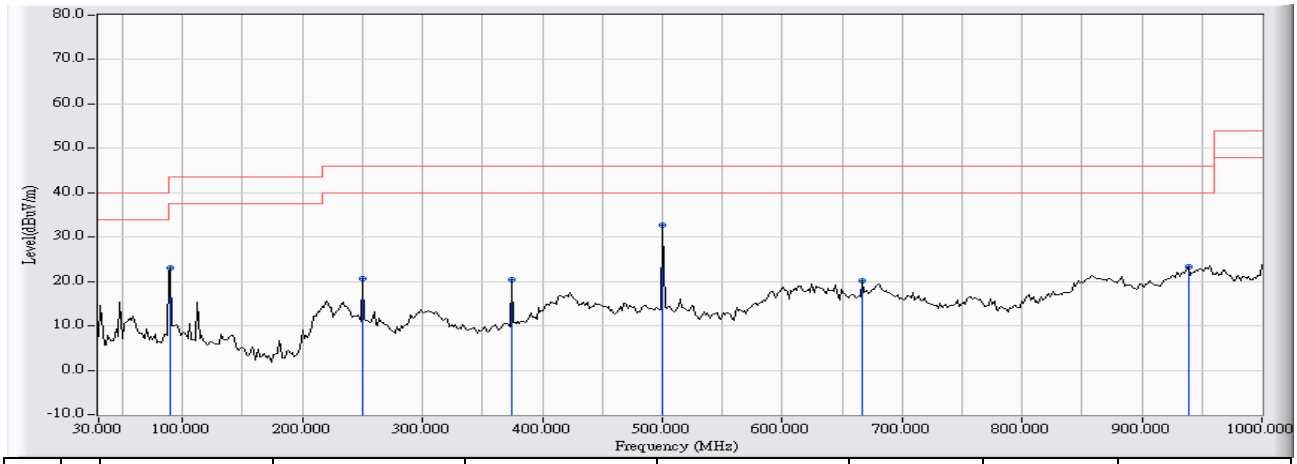


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		44.550	-13.310	32.049	18.739	-21.261	40.000	QUASIPEAK
2		249.867	-14.145	30.044	15.899	-30.101	46.000	QUASIPEAK
3		374.350	-12.824	31.869	19.045	-26.955	46.000	QUASIPEAK
4	*	500.450	-6.839	38.764	31.926	-14.074	46.000	QUASIPEAK
5		666.967	-3.707	24.227	20.520	-25.480	46.000	QUASIPEAK
6		843.183	-2.316	21.485	19.169	-26.831	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 08:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11n(40M) _5755MHz**

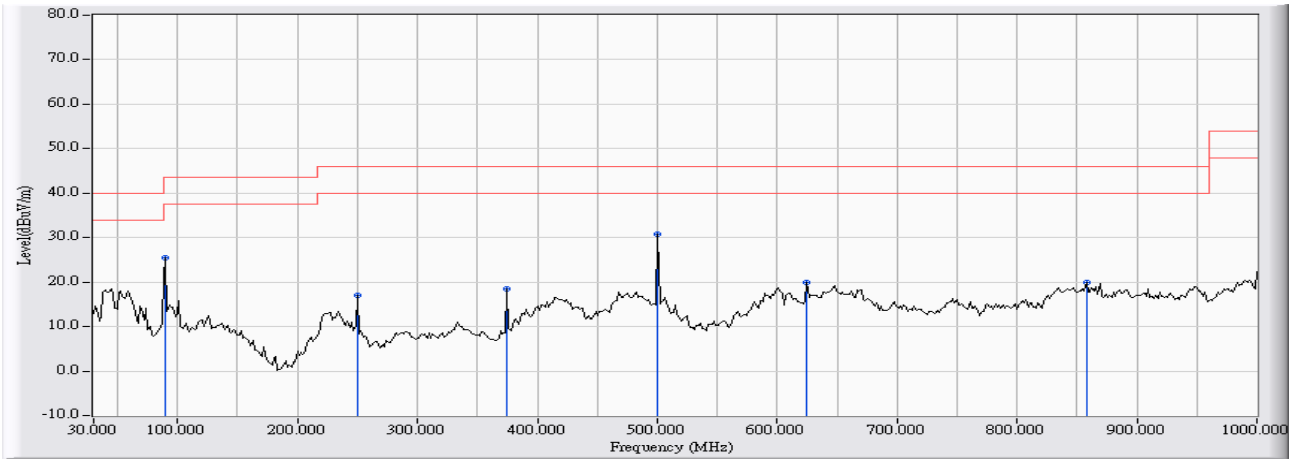


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.817	-15.431	38.387	22.956	-20.544	43.500	QUASIPEAK
2		249.867	-13.345	34.099	20.754	-25.246	46.000	QUASIPEAK
3		374.350	-11.196	31.676	20.480	-25.520	46.000	QUASIPEAK
4	*	500.450	-7.521	40.119	32.599	-13.401	46.000	QUASIPEAK
5		666.967	-3.698	23.852	20.154	-25.846	46.000	QUASIPEAK
6		938.567	0.770	22.630	23.399	-22.601	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-802.11n(40M) _5755MHz**

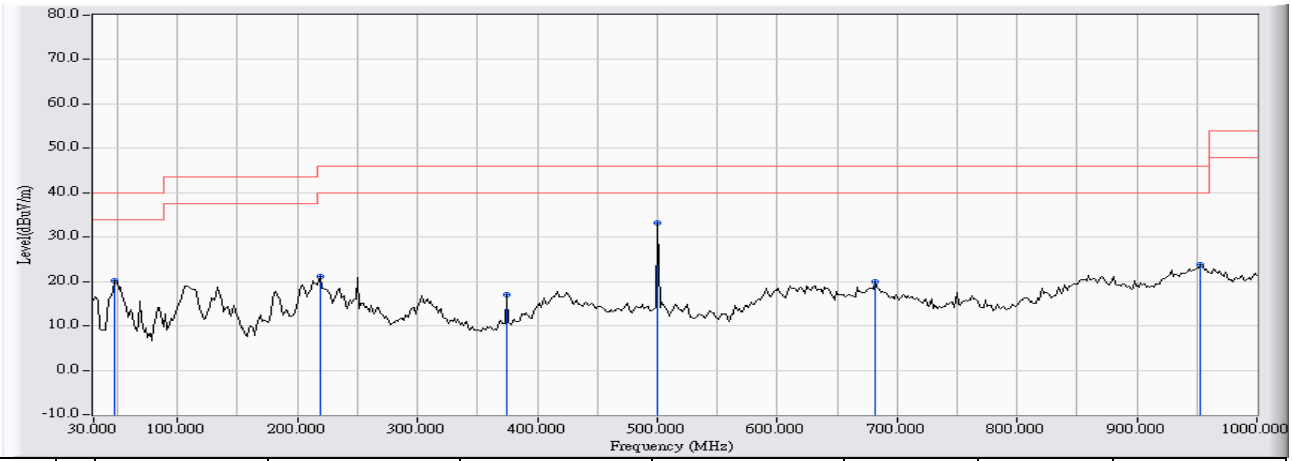


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.817	-13.427	38.912	25.485	-18.015	43.500	QUASIPEAK
2		249.867	-14.145	31.086	16.941	-29.059	46.000	QUASIPEAK
3		374.350	-12.824	31.332	18.508	-27.492	46.000	QUASIPEAK
4	*	500.450	-6.839	37.543	30.705	-15.295	46.000	QUASIPEAK
5		624.933	-5.410	25.433	20.023	-25.977	46.000	QUASIPEAK
6		857.733	-2.614	22.650	20.036	-25.964	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:12**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_802.11a_5785MHz**

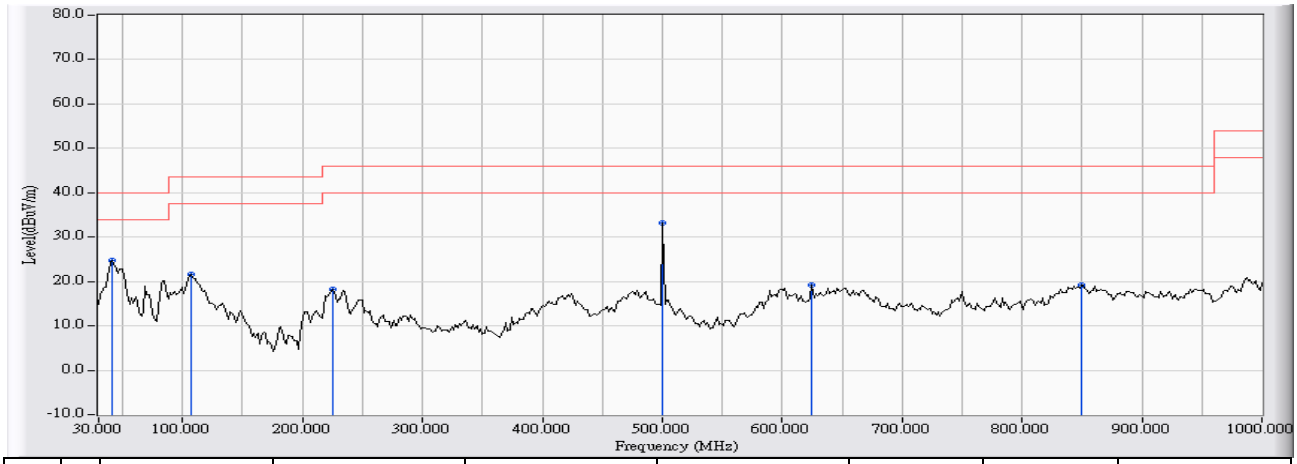


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		47.783	-14.744	34.940	20.196	-19.804	40.000	QUASIPEAK
2		219.150	-13.947	35.187	21.240	-24.760	46.000	QUASIPEAK
3		374.350	-11.196	28.321	17.125	-28.875	46.000	QUASIPEAK
4	*	500.450	-7.521	40.787	33.267	-12.733	46.000	QUASIPEAK
5		681.517	-2.522	22.337	19.815	-26.185	46.000	QUASIPEAK
6		953.117	2.015	21.715	23.729	-22.271	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)_802.11a_5785MHz**

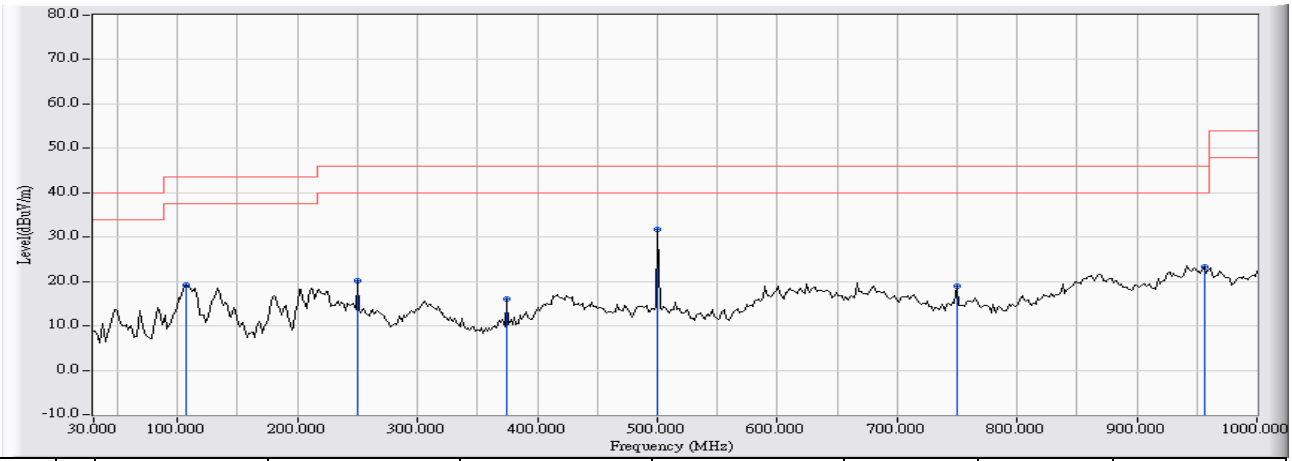


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.317	-10.037	34.824	24.787	-15.213	40.000	QUASIPEAK
2		107.600	-12.499	34.149	21.650	-21.850	43.500	QUASIPEAK
3		225.617	-12.238	30.463	18.224	-27.776	46.000	QUASIPEAK
4	*	500.450	-6.839	40.100	33.262	-12.738	46.000	QUASIPEAK
5		624.933	-5.410	24.603	19.193	-26.807	46.000	QUASIPEAK
6		849.650	-2.390	21.598	19.208	-26.792	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(20M) _5785MHz**

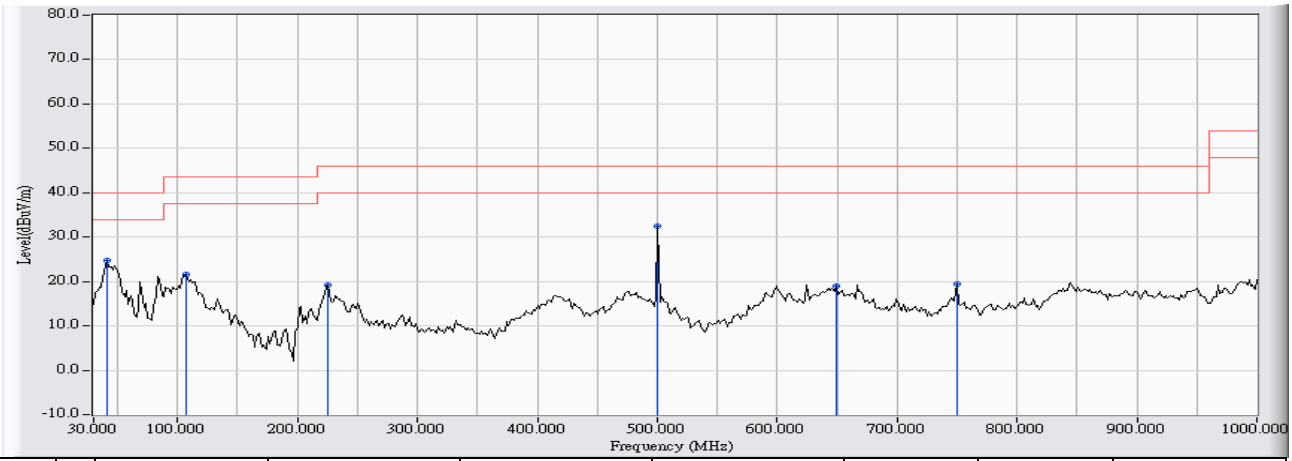


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.600	-15.670	34.838	19.168	-24.332	43.500	QUASIPEAK
2		249.867	-13.345	33.451	20.106	-25.894	46.000	QUASIPEAK
3		374.350	-11.196	27.284	16.088	-29.912	46.000	QUASIPEAK
4	*	500.450	-7.521	39.202	31.682	-14.318	46.000	QUASIPEAK
5		749.417	-6.535	25.391	18.857	-27.143	46.000	QUASIPEAK
6		956.350	1.753	21.440	23.193	-22.807	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:23**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(20M) _5785MHz**

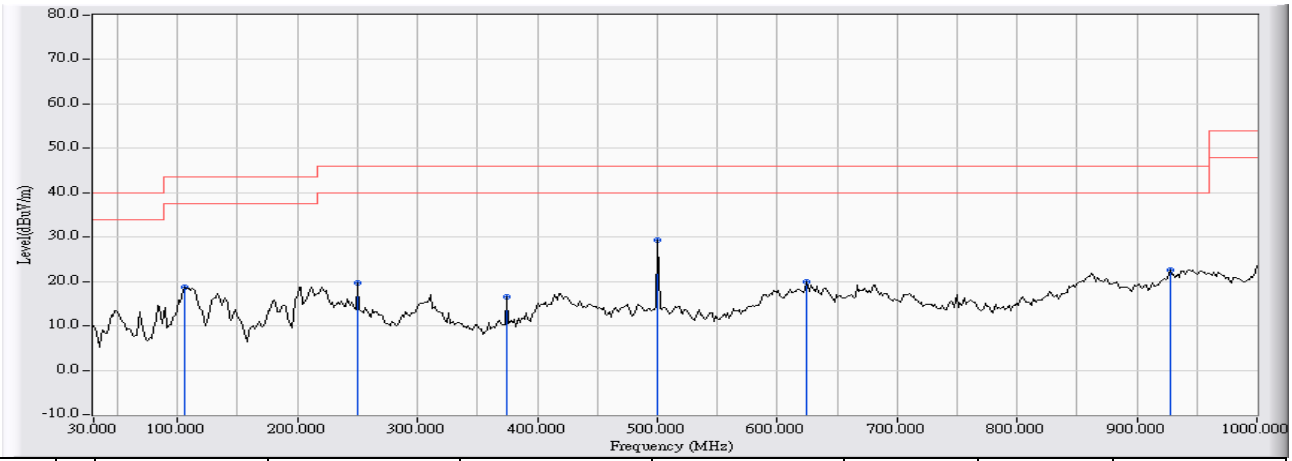


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.317	-10.037	34.844	24.807	-15.193	40.000	QUASIPEAK
2		107.600	-12.499	34.058	21.559	-21.941	43.500	QUASIPEAK
3		225.617	-12.238	31.447	19.208	-26.792	46.000	QUASIPEAK
4	*	500.450	-6.839	39.187	32.349	-13.651	46.000	QUASIPEAK
5		649.183	-3.129	22.179	19.051	-26.949	46.000	QUASIPEAK
6		749.417	-5.785	25.105	19.321	-26.679	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:28**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(40M) _5755MHz**

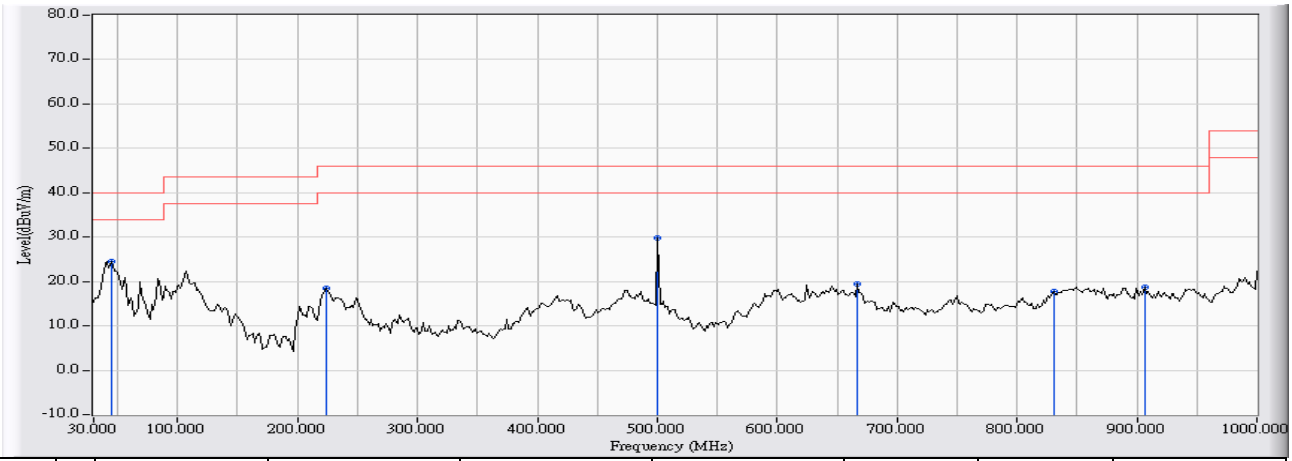


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		105.983	-15.660	34.313	18.653	-24.847	43.500	QUASIPEAK
2		249.867	-13.345	33.124	19.779	-26.221	46.000	QUASIPEAK
3		374.350	-11.196	27.747	16.551	-29.449	46.000	QUASIPEAK
4	*	500.450	-7.521	36.865	29.345	-16.655	46.000	QUASIPEAK
5		624.933	-3.654	23.506	19.852	-26.148	46.000	QUASIPEAK
6		927.250	0.455	22.071	22.526	-23.474	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 2: Transmit (Adapter: ASUS_AD820M0)-802.11n(40M) _5755MHz**

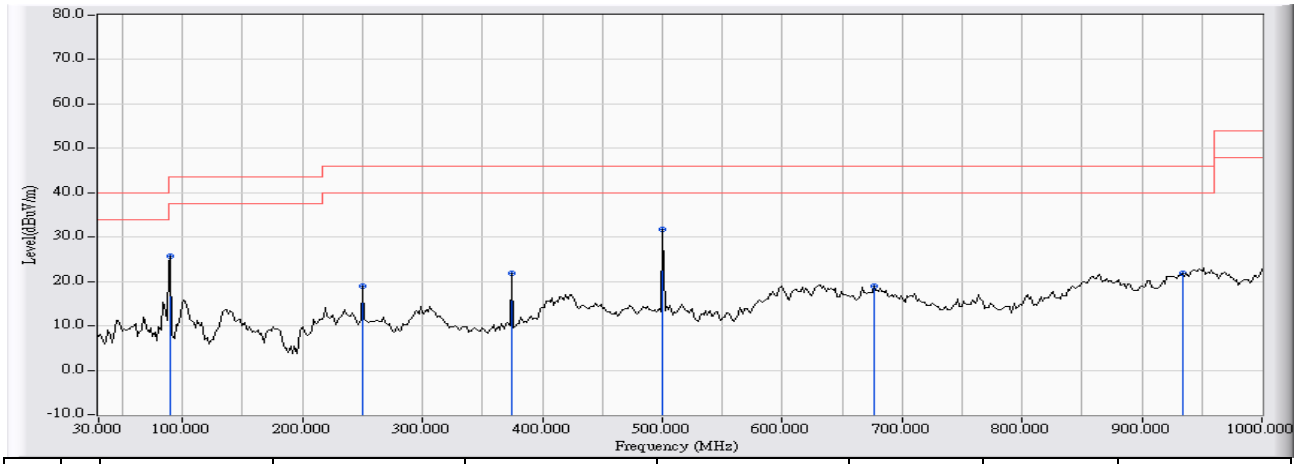


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	44.550	-13.310	37.840	24.530	-15.470	40.000	QUASIPEAK
2		224.000	-12.777	31.357	18.580	-27.420	46.000	QUASIPEAK
3		500.450	-6.839	36.644	29.806	-16.194	46.000	QUASIPEAK
4		666.967	-3.707	23.187	19.480	-26.520	46.000	QUASIPEAK
5		830.250	-3.345	21.025	17.680	-28.320	46.000	QUASIPEAK
6		906.233	-3.341	22.106	18.764	-27.236	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:37**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)_802.11a_5785MHz**

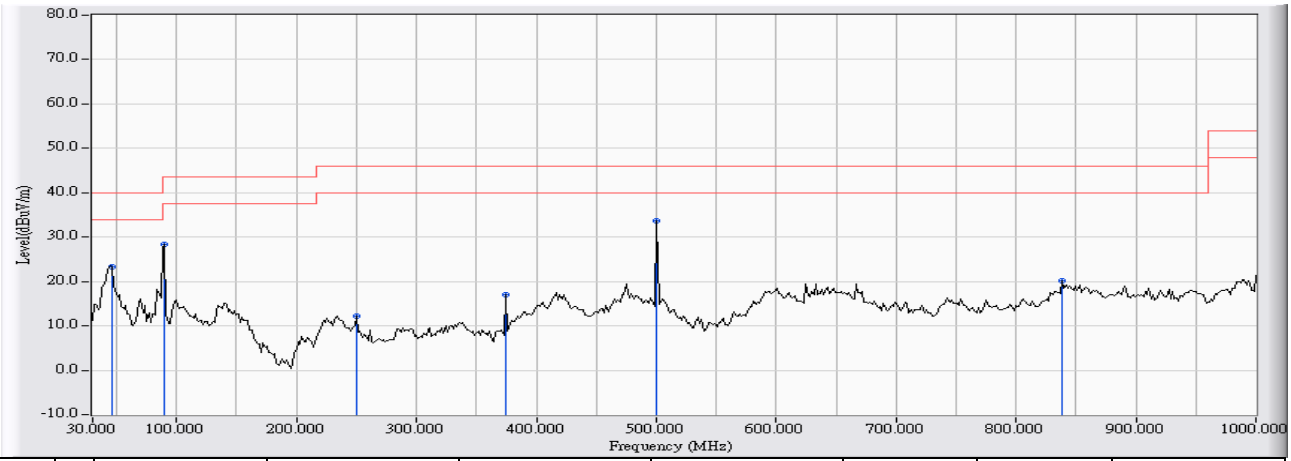


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.817	-15.431	41.111	25.680	-17.820	43.500	QUASIPEAK
2		249.867	-13.345	32.338	18.993	-27.007	46.000	QUASIPEAK
3		374.350	-11.196	33.073	21.877	-24.123	46.000	QUASIPEAK
4	*	500.450	-7.521	39.173	31.653	-14.347	46.000	QUASIPEAK
5		676.667	-3.145	22.101	18.956	-27.044	46.000	QUASIPEAK
6		933.717	0.426	21.495	21.921	-24.079	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)_802.11a_5785MHz**

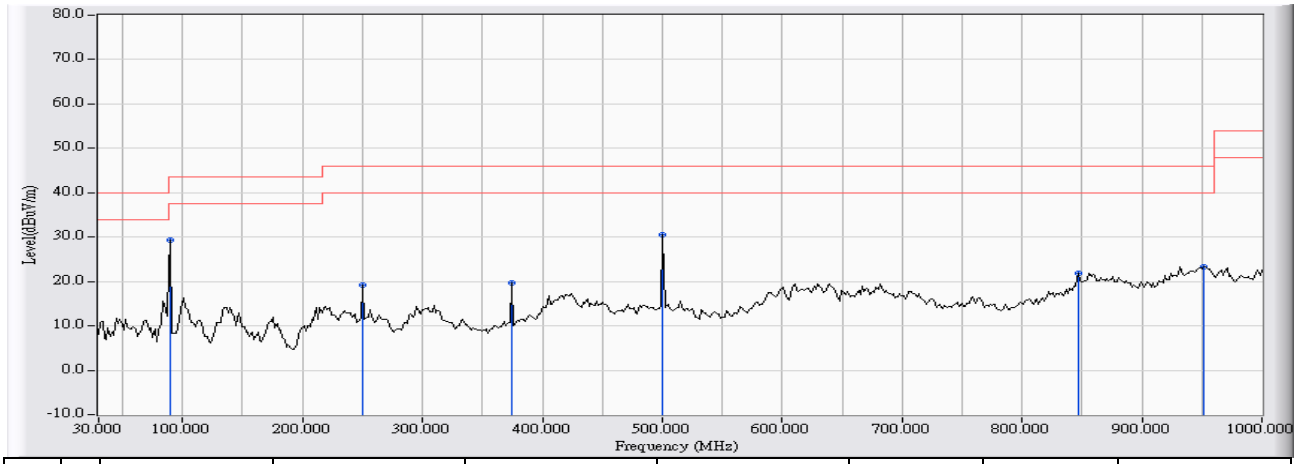


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		46.167	-13.844	37.046	23.202	-16.798	40.000	QUASIPEAK
2		89.817	-13.427	41.799	28.372	-15.128	43.500	QUASIPEAK
3		249.867	-14.145	26.343	12.198	-33.802	46.000	QUASIPEAK
4		374.350	-12.824	29.834	17.010	-28.990	46.000	QUASIPEAK
5	*	500.450	-6.839	40.555	33.717	-12.283	46.000	QUASIPEAK
6		838.333	-2.686	22.906	20.219	-25.781	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(20M) _5785MHz**

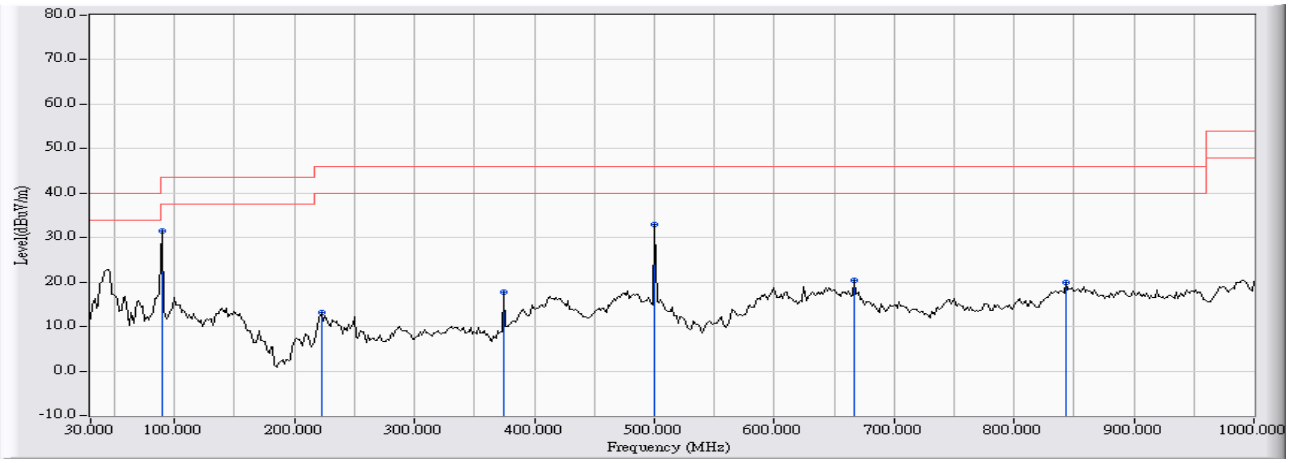


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	89.817	-15.431	44.838	29.407	-14.093	43.500	QUASIPEAK
2		249.867	-13.345	32.552	19.207	-26.793	46.000	QUASIPEAK
3		374.350	-11.196	30.808	19.612	-26.388	46.000	QUASIPEAK
4		500.450	-7.521	38.082	30.562	-15.438	46.000	QUASIPEAK
5		846.417	-1.549	23.416	21.867	-24.133	46.000	QUASIPEAK
6		951.500	2.063	21.221	23.284	-22.716	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(20M) _5785MHz**

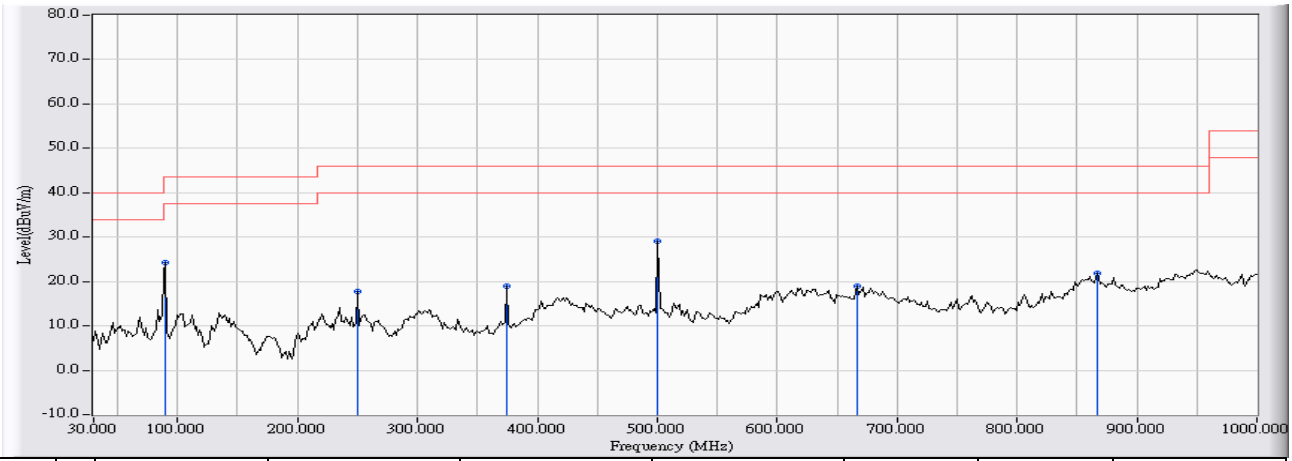


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	89.817	-13.427	44.931	31.504	-11.996	43.500	QUASIPEAK
2		222.383	-13.898	27.025	13.127	-32.873	46.000	QUASIPEAK
3		374.350	-12.824	30.509	17.685	-28.315	46.000	QUASIPEAK
4		500.450	-6.839	39.729	32.891	-13.109	46.000	QUASIPEAK
5		666.967	-3.707	24.211	20.504	-25.496	46.000	QUASIPEAK
6		843.183	-2.316	22.325	20.009	-25.991	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(40M) _5755MHz**

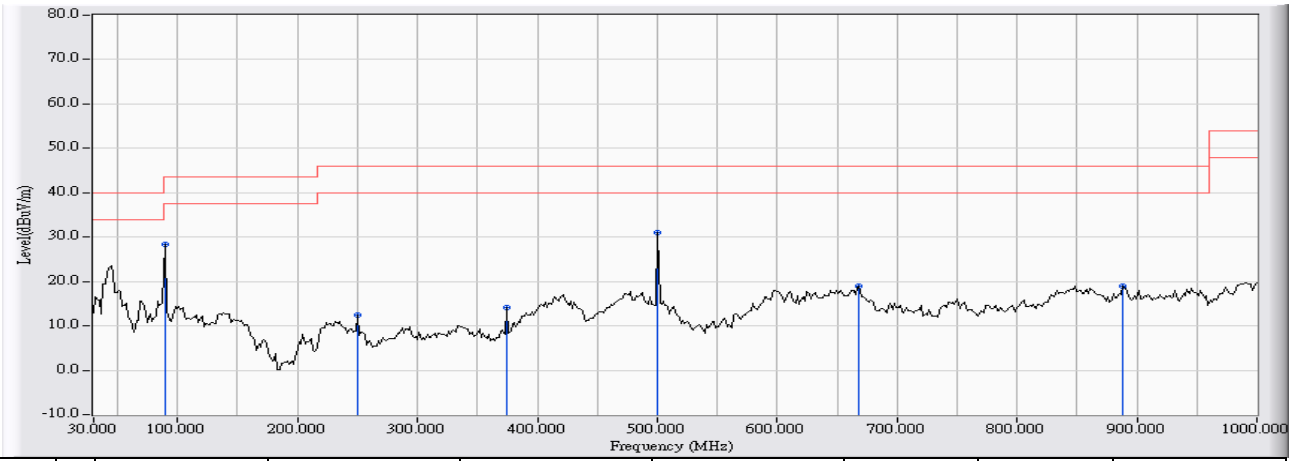


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.817	-15.431	39.702	24.271	-19.229	43.500	QUASIPEAK
2		249.867	-13.345	31.067	17.722	-28.278	46.000	QUASIPEAK
3		374.350	-11.196	30.131	18.935	-27.065	46.000	QUASIPEAK
4	*	500.450	-7.521	36.718	29.198	-16.802	46.000	QUASIPEAK
5		666.967	-3.698	22.770	19.072	-26.928	46.000	QUASIPEAK
6		867.433	-0.299	22.226	21.927	-24.073	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2010/08/21 - 09:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 3: Transmit (Adapter: ASUS_EXA1004UH)-802.11n(40M) _5755MHz**



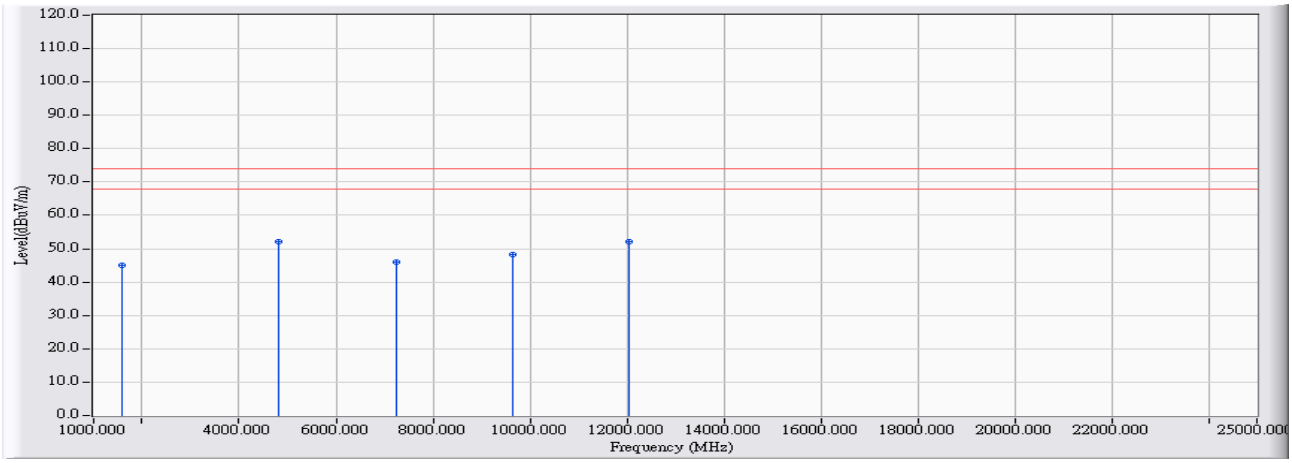
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.817	-13.427	41.757	28.330	-15.170	43.500	QUASIPEAK
2		249.867	-14.145	26.677	12.532	-33.468	46.000	QUASIPEAK
3		374.350	-12.824	27.015	14.191	-31.809	46.000	QUASIPEAK
4	*	500.450	-6.839	37.928	31.090	-14.910	46.000	QUASIPEAK
5		668.583	-3.350	22.255	18.904	-27.096	46.000	QUASIPEAK
6		888.450	-3.113	22.140	19.027	-26.973	46.000	QUASIPEAK

Note:

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

Above 1GHz Spurious

Site : CB1	**Time : 2010/08/19 - 13:33**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz-802.11b**

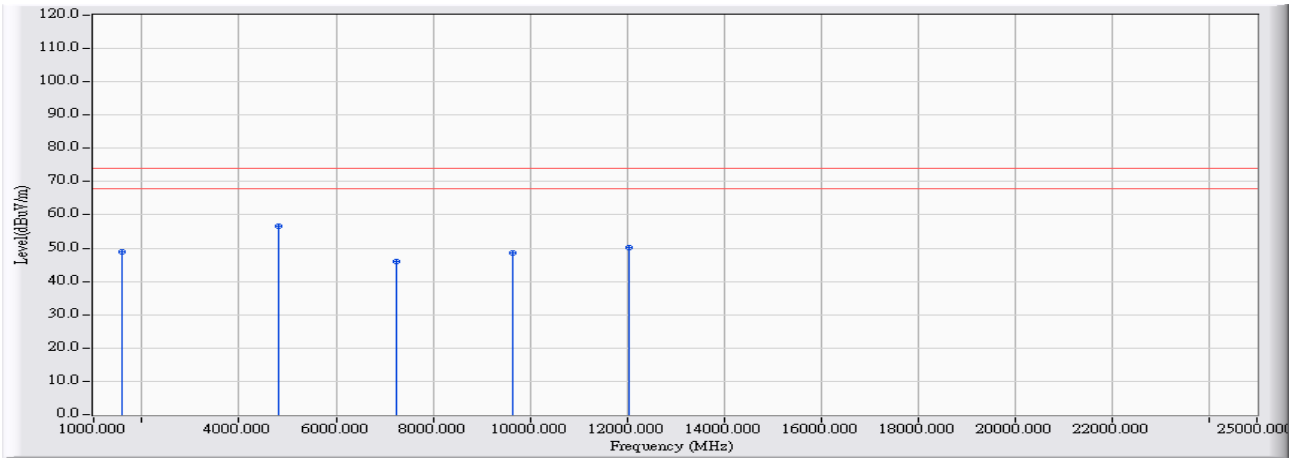


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-9.909	54.803	44.893	-29.107	74.000	54.000	PEAK
2		4824.000	0.403	51.645	52.047	-21.953	74.000	54.000	PEAK
3		7235.900	6.885	39.100	45.985	-28.015	74.000	54.000	PEAK
4		9647.500	10.811	37.334	48.145	-25.855	74.000	54.000	PEAK
5	*	12059.000	15.624	36.585	52.208	-21.792	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/19 - 13:46**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11b**

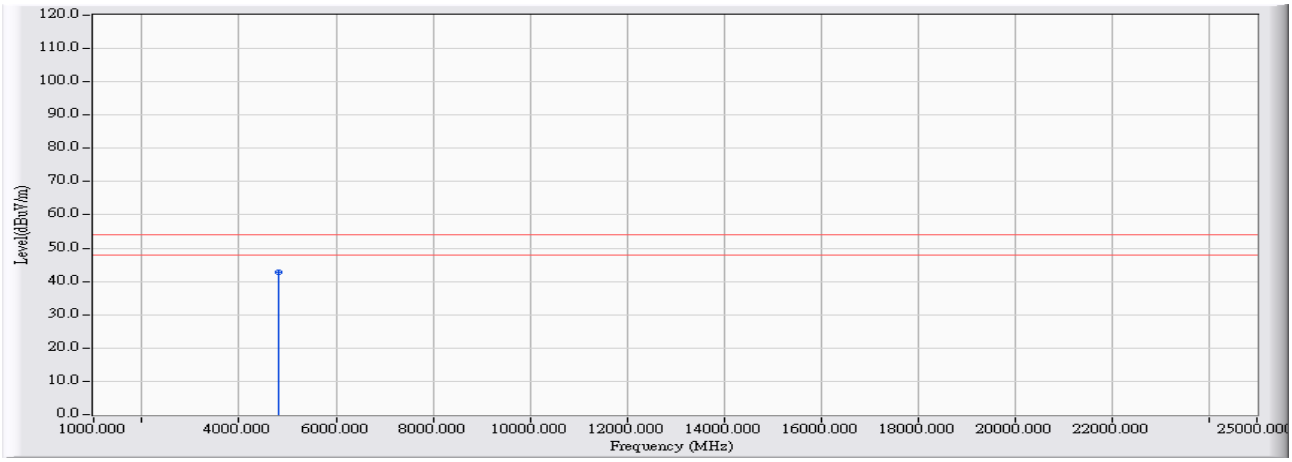


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-7.353	56.406	49.052	-24.948	74.000	54.000	PEAK
2	*	4823.870	2.540	54.035	56.575	-17.425	74.000	54.000	PEAK
3		7235.900	6.461	39.387	45.848	-28.152	74.000	54.000	PEAK
4		9647.500	10.916	37.503	48.419	-25.581	74.000	54.000	PEAK
5		12059.100	14.354	35.678	50.032	-23.968	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/19 - 13:49**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11b**

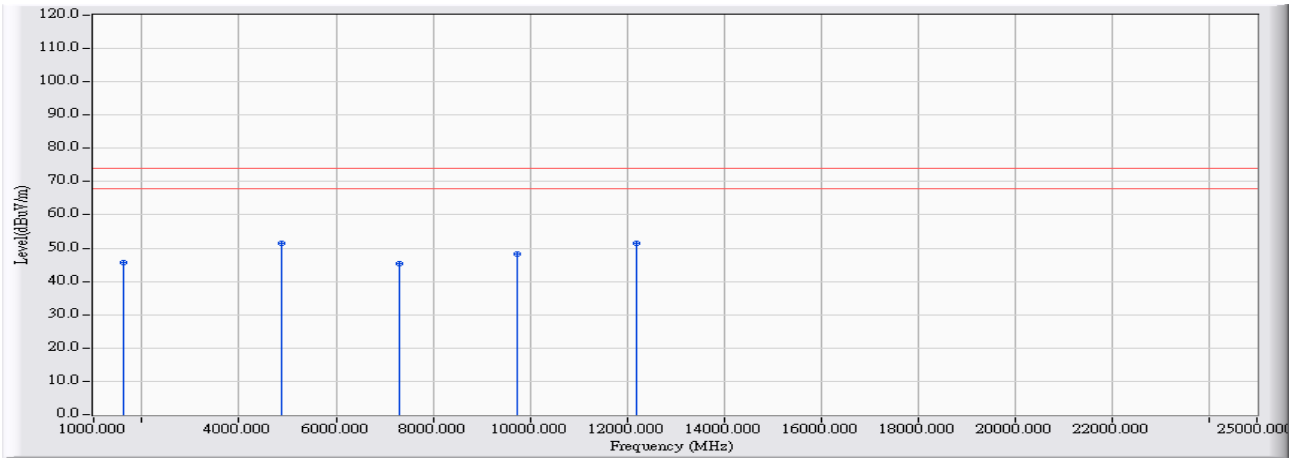


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4825.900	2.541	40.125	42.666	-11.334	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 14:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11b**

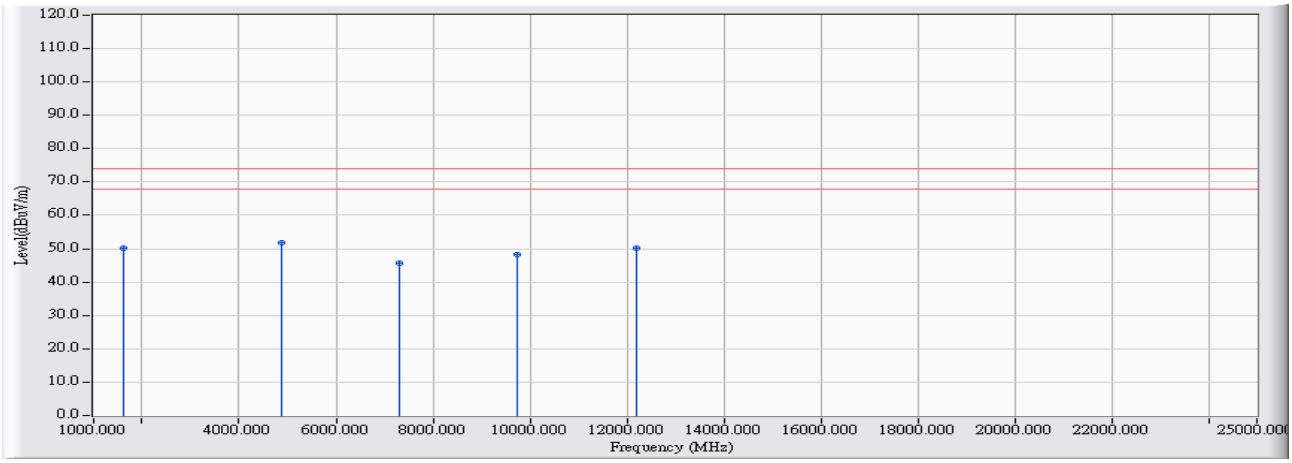


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	55.515	45.741	-28.259	74.000	54.000	PEAK
2	*	4873.910	0.531	50.908	51.438	-22.562	74.000	54.000	PEAK
3		7311.200	7.225	38.091	45.317	-28.683	74.000	54.000	PEAK
4		9747.600	11.219	37.005	48.224	-25.776	74.000	54.000	PEAK
5		12185.240	15.114	36.282	51.396	-22.604	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 14:19**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11b**

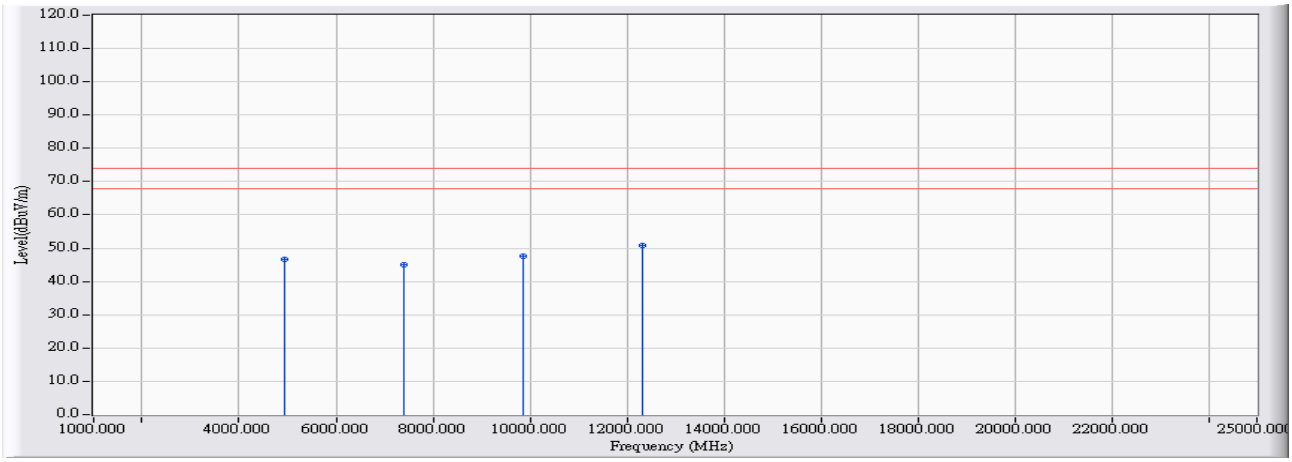


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-7.395	57.552	50.157	-23.843	74.000	54.000	PEAK
2	*	4874.100	2.577	49.151	51.728	-22.272	74.000	54.000	PEAK
3		7310.800	6.601	38.926	45.527	-28.473	74.000	54.000	PEAK
4		9747.580	11.418	36.738	48.156	-25.844	74.000	54.000	PEAK
5		12185.000	14.121	36.042	50.162	-23.838	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/24 - 10:12**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11b**

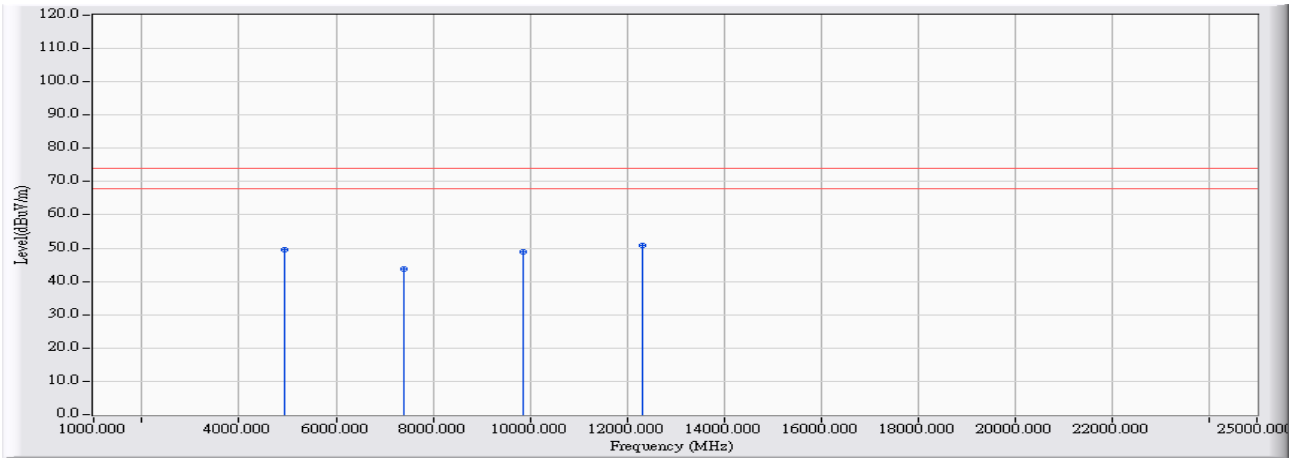


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.020	0.668	45.965	46.634	-27.366	74.000	54.000	PEAK
2		7386.020	7.583	37.304	44.888	-29.112	74.000	54.000	PEAK
3		9848.010	11.618	35.863	47.481	-26.519	74.000	54.000	PEAK
4	*	12310.020	14.638	36.275	50.912	-23.088	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/24 - 10:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11b**

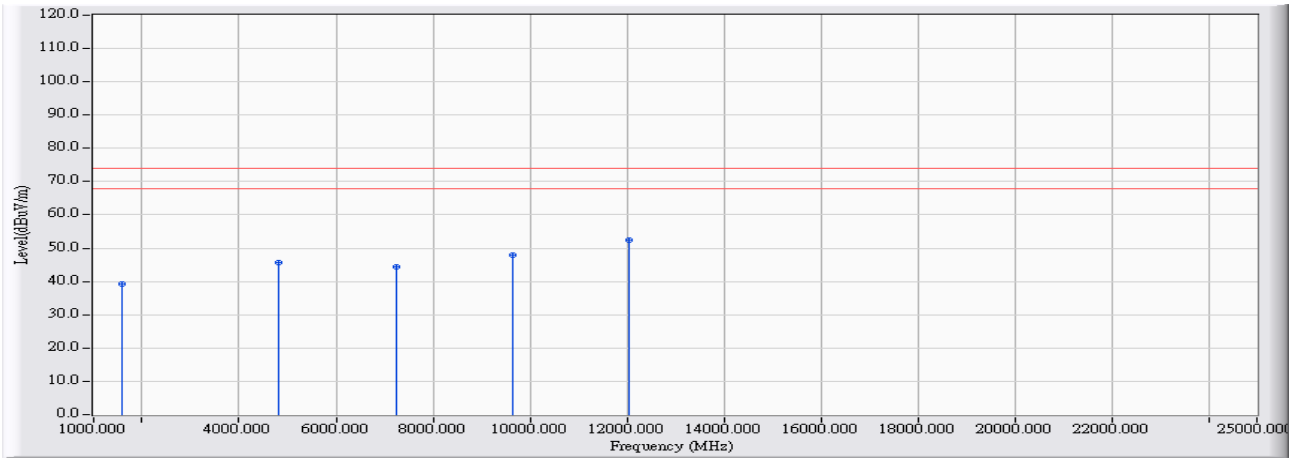


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.030	2.606	46.866	49.471	-24.529	74.000	54.000	PEAK
2		7386.020	6.762	36.858	43.620	-30.380	74.000	54.000	PEAK
3		9848.120	11.922	36.841	48.763	-25.237	74.000	54.000	PEAK
4	*	12310.010	13.897	36.863	50.760	-23.240	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 15:31**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

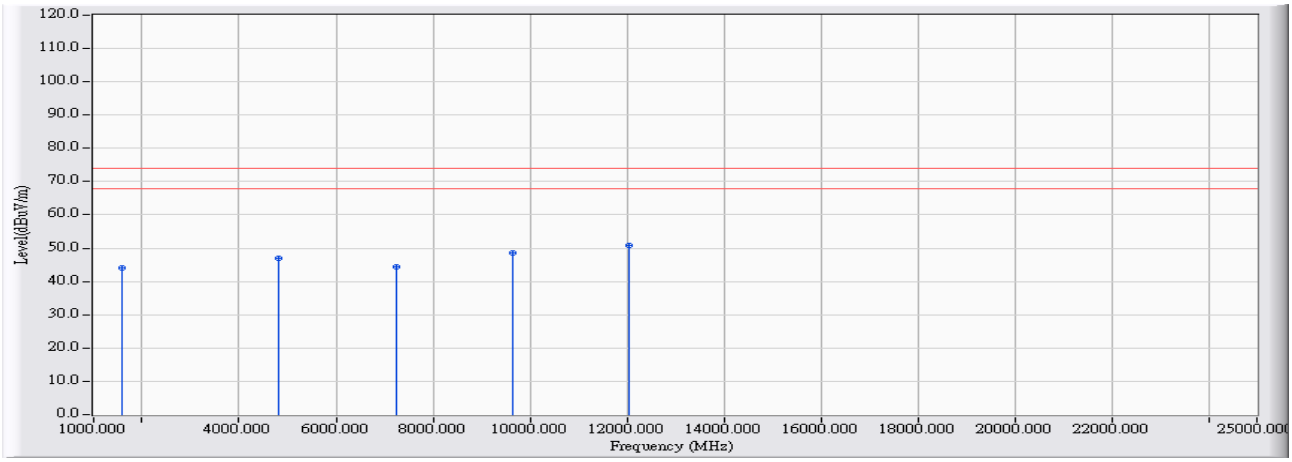


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-9.909	49.074	39.164	-34.836	74.000	54.000	PEAK
2		4824.230	0.403	45.393	45.796	-28.204	74.000	54.000	PEAK
3		7236.250	6.887	37.454	44.341	-29.659	74.000	54.000	PEAK
4		9648.240	10.814	37.188	48.002	-25.998	74.000	54.000	PEAK
5	*	12060.280	15.618	36.838	52.456	-21.544	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 15:38**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

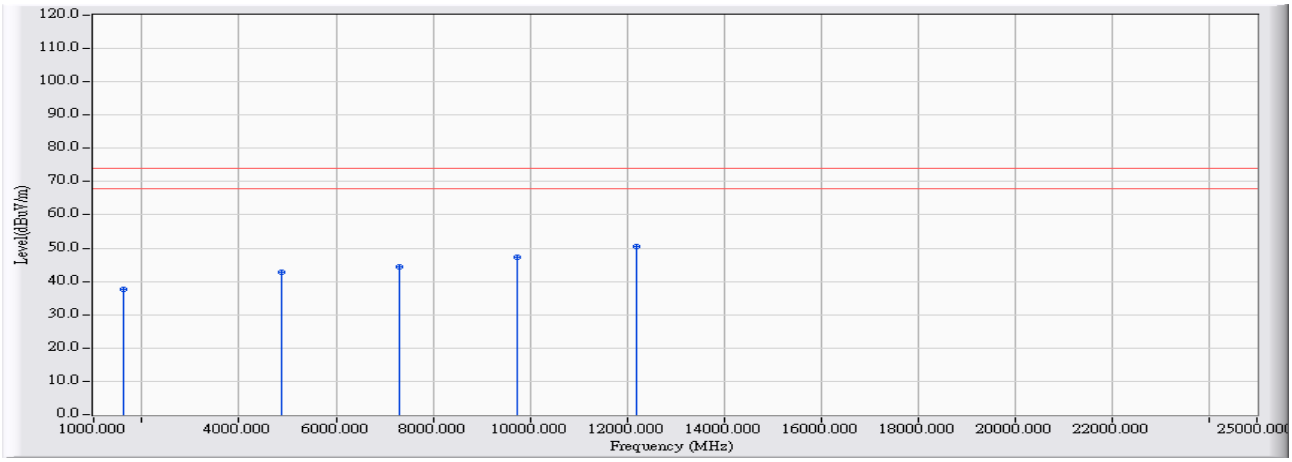


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-7.353	51.504	44.150	-29.850	74.000	54.000	PEAK
2		4824.020	2.540	44.397	46.937	-27.063	74.000	54.000	PEAK
3		7236.210	6.461	38.007	44.469	-29.531	74.000	54.000	PEAK
4		9648.140	10.919	37.688	48.607	-25.393	74.000	54.000	PEAK
5	*	12060.230	14.352	36.624	50.976	-23.024	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 15:44**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11g**

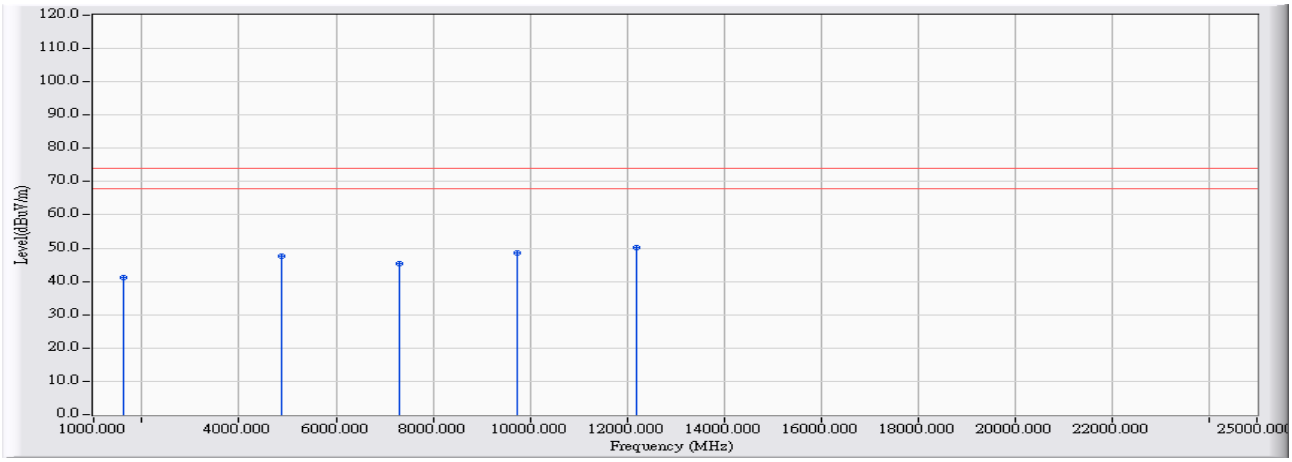


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	47.391	37.617	-36.383	74.000	54.000	PEAK
2		4874.050	0.531	42.391	42.922	-31.078	74.000	54.000	PEAK
3		7311.120	7.225	37.067	44.292	-29.708	74.000	54.000	PEAK
4		9748.120	11.221	35.989	47.210	-26.790	74.000	54.000	PEAK
5	*	12185.020	15.115	35.413	50.528	-23.472	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 16:01**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11g**

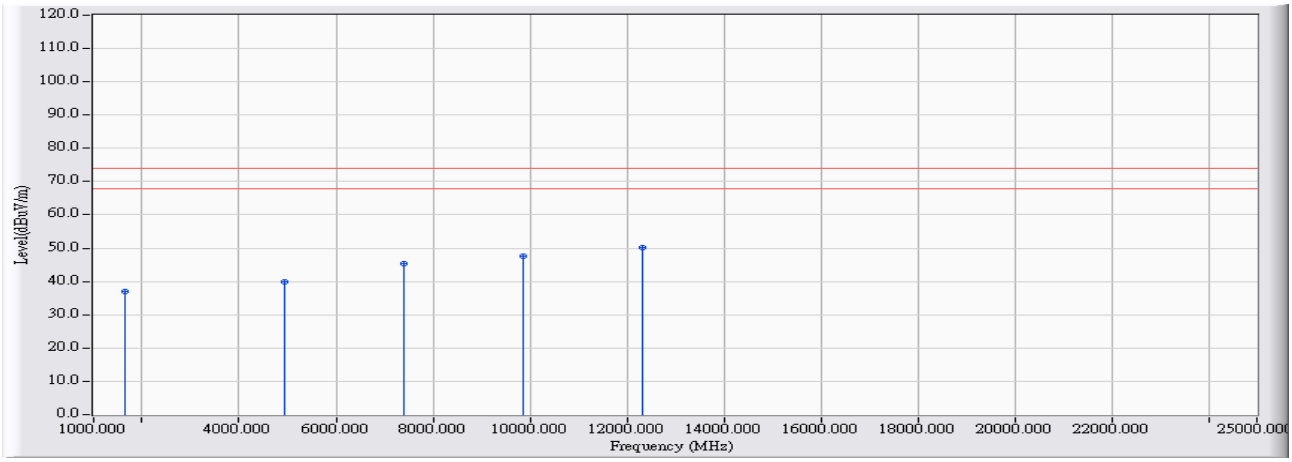


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-7.395	48.558	41.163	-32.837	74.000	54.000	PEAK
2		4874.120	2.577	44.907	47.484	-26.516	74.000	54.000	PEAK
3		7311.250	6.602	38.770	45.372	-28.628	74.000	54.000	PEAK
4		9748.210	11.421	37.221	48.642	-25.358	74.000	54.000	PEAK
5	*	12185.000	14.121	35.926	50.046	-23.954	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 16:08**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

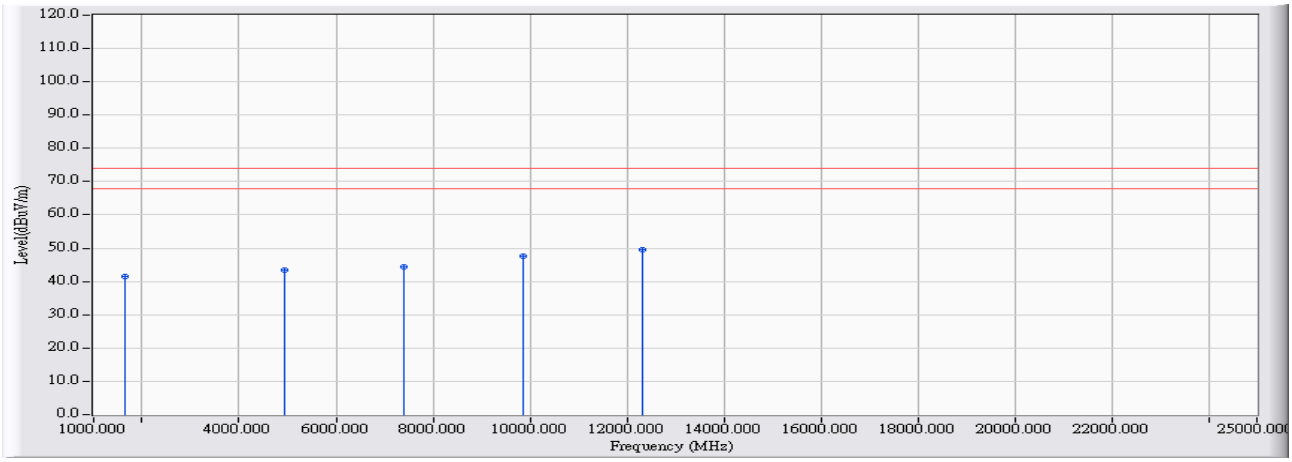


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1648.000	-9.640	46.786	37.147	-36.853	74.000	54.000	PEAK
2		4924.240	0.669	39.362	40.031	-33.969	74.000	54.000	PEAK
3		7386.210	7.585	37.821	45.406	-28.594	74.000	54.000	PEAK
4		9848.000	11.618	36.137	47.755	-26.245	74.000	54.000	PEAK
5	*	12310.020	14.638	35.667	50.304	-23.696	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 16:15**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

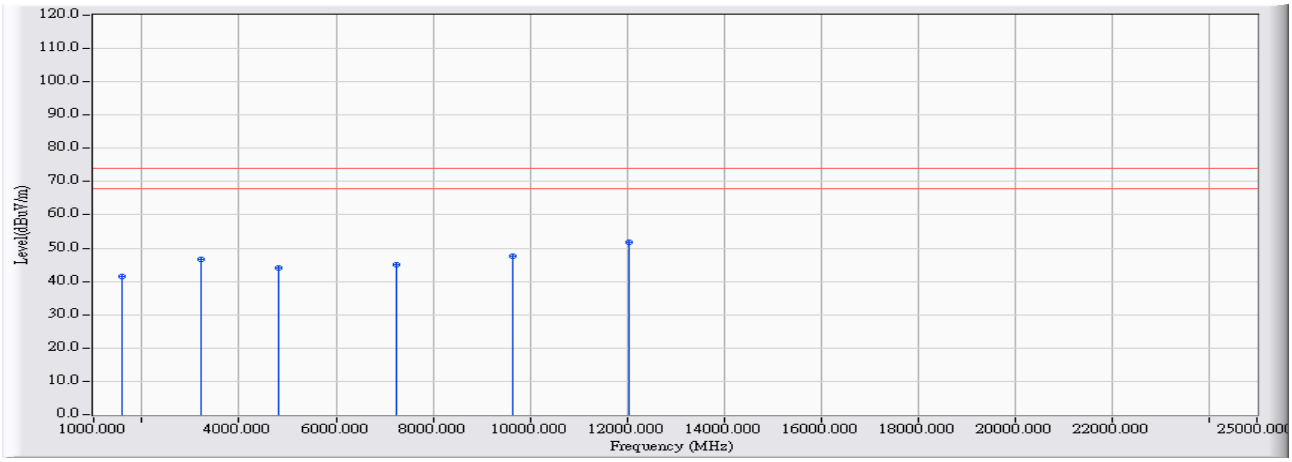


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1648.000	-7.447	49.069	41.623	-32.377	74.000	54.000	PEAK
2		4924.020	2.605	40.941	43.546	-30.454	74.000	54.000	PEAK
3		7386.250	6.763	37.731	44.493	-29.507	74.000	54.000	PEAK
4		9848.230	11.923	35.828	47.751	-26.249	74.000	54.000	PEAK
5	*	12310.020	13.897	35.578	49.475	-24.525	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 16:23**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

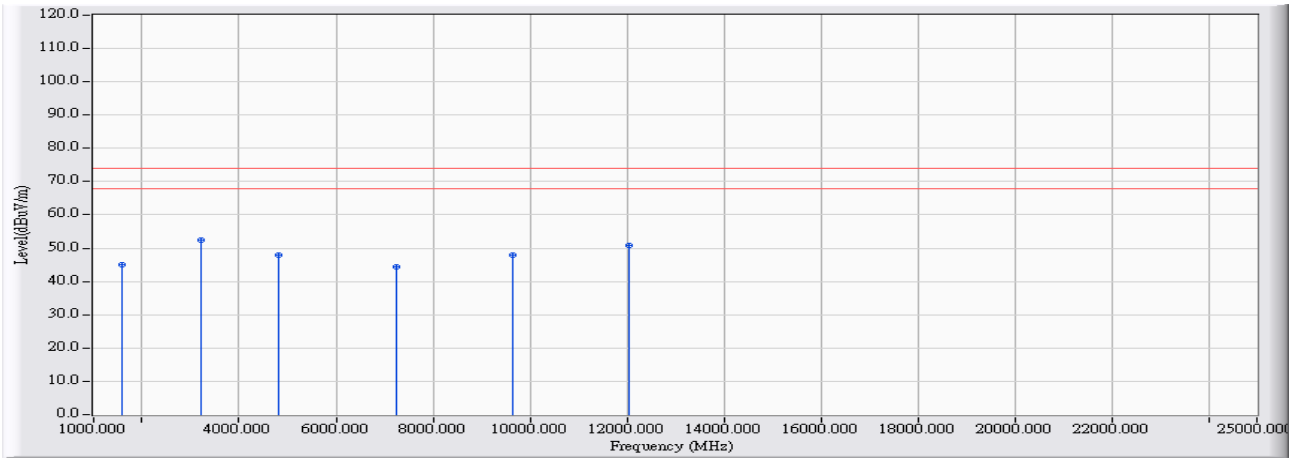


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-9.909	51.300	41.390	-32.610	74.000	54.000	PEAK
2		3208.000	-3.001	49.646	46.645	-27.355	74.000	54.000	PEAK
3		4824.120	0.403	43.689	44.091	-29.909	74.000	54.000	PEAK
4		7236.250	6.887	38.083	44.970	-29.030	74.000	54.000	PEAK
5		9648.210	10.814	36.878	47.692	-26.308	74.000	54.000	PEAK
6	*	12060.210	15.619	36.306	51.925	-22.075	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 16:41**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

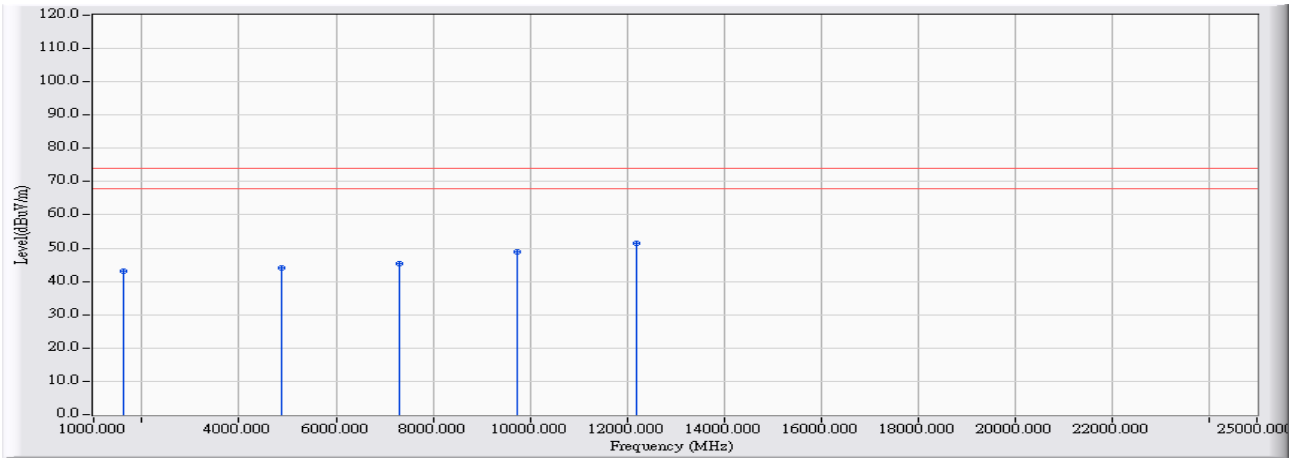


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1600.000	-7.353	52.268	44.914	-29.086	74.000	54.000	PEAK
2	*	3208.000	-3.017	55.453	52.436	-21.564	74.000	54.000	PEAK
3		4824.210	2.540	45.508	48.048	-25.952	74.000	54.000	PEAK
4		7236.100	6.461	37.827	44.288	-29.712	74.000	54.000	PEAK
5		9648.100	10.919	36.959	47.878	-26.122	74.000	54.000	PEAK
6		12060.000	14.353	36.514	50.866	-23.134	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11n(20M)**

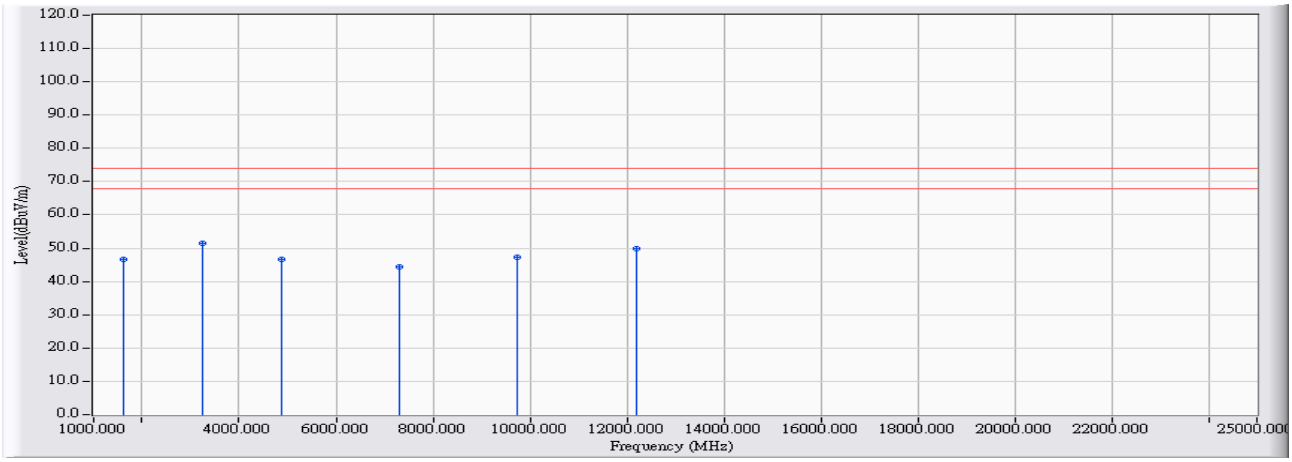


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	52.927	43.153	-30.847	74.000	54.000	PEAK
2		4874.230	0.531	43.583	44.114	-29.886	74.000	54.000	PEAK
3		7311.120	7.225	38.216	45.441	-28.559	74.000	54.000	PEAK
4		9748.140	11.221	37.734	48.955	-25.045	74.000	54.000	PEAK
5	*	12185.000	15.115	36.442	51.557	-22.443	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11n(20M)**

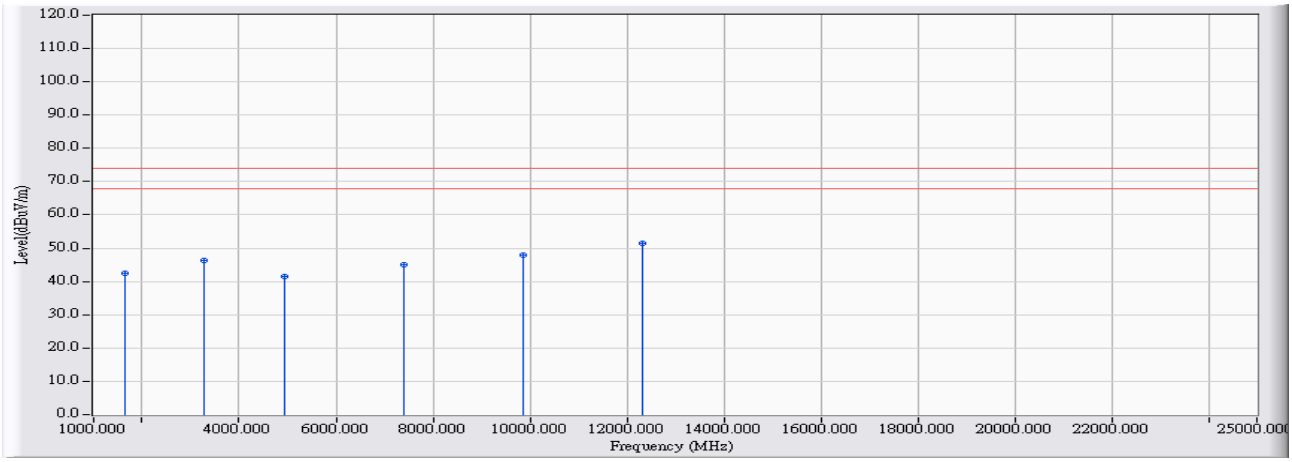


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-7.395	54.143	46.748	-27.252	74.000	54.000	PEAK
2	*	3256.000	-2.805	54.395	51.590	-22.410	74.000	54.000	PEAK
3		4874.000	2.577	44.214	46.791	-27.209	74.000	54.000	PEAK
4		7311.210	6.601	37.757	44.359	-29.641	74.000	54.000	PEAK
5		9748.100	11.420	35.828	47.248	-26.752	74.000	54.000	PEAK
6		12185.210	14.120	35.652	49.772	-24.228	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:25**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

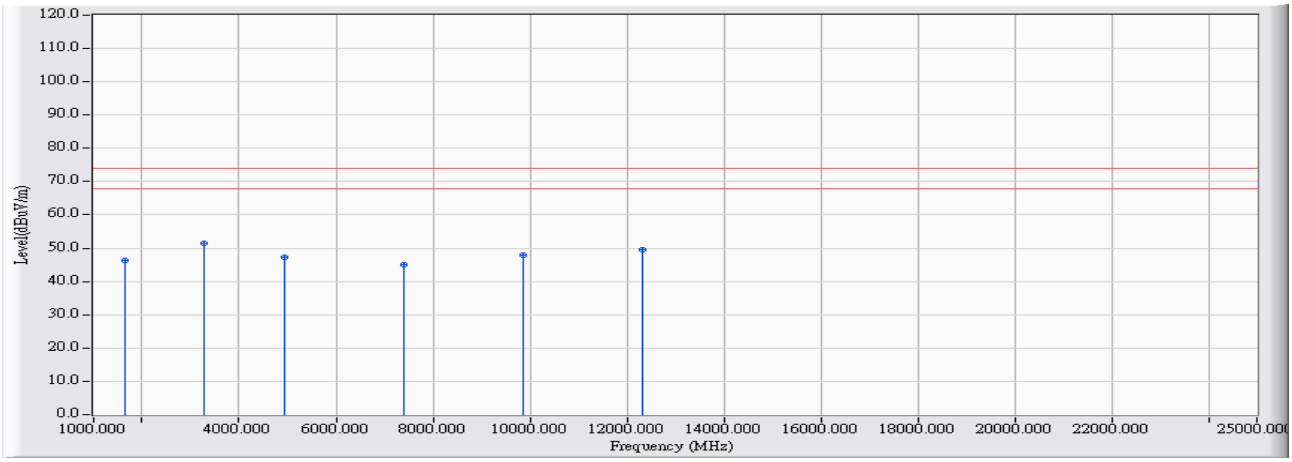


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1648.000	-9.640	52.045	42.406	-31.594	74.000	54.000	PEAK
2		3280.000	-2.921	49.216	46.296	-27.704	74.000	54.000	PEAK
3		4924.140	0.669	40.800	41.469	-32.531	74.000	54.000	PEAK
4		7386.000	7.583	37.408	44.992	-29.008	74.000	54.000	PEAK
5		9848.140	11.618	36.372	47.990	-26.010	74.000	54.000	PEAK
6	*	12310.000	14.638	36.815	51.452	-22.548	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:35**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

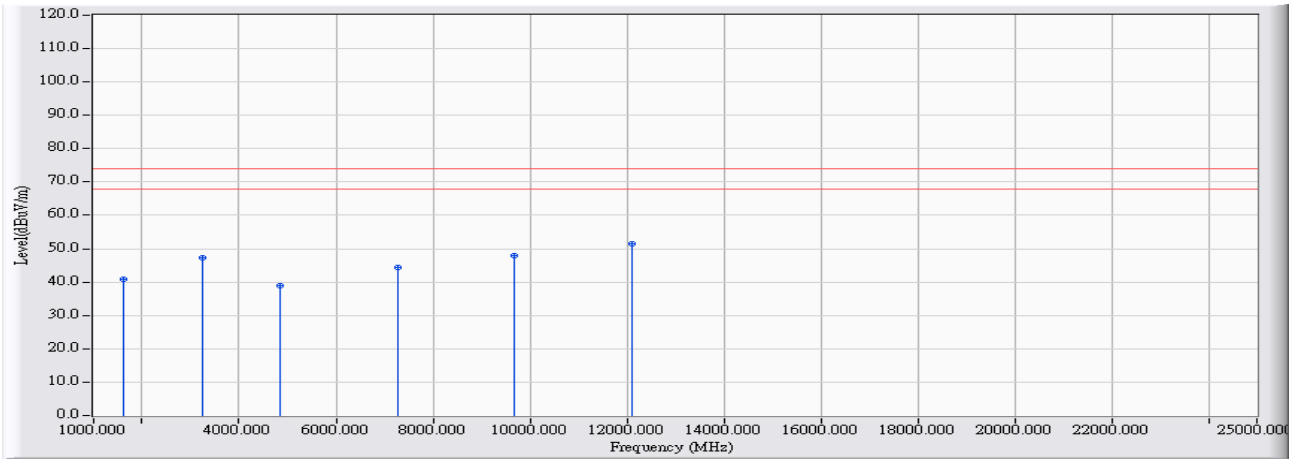


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1648.000	-7.447	53.927	46.481	-27.519	74.000	54.000	PEAK
2	*	3280.000	-2.694	54.323	51.629	-22.371	74.000	54.000	PEAK
3		4924.010	2.605	44.530	47.135	-26.865	74.000	54.000	PEAK
4		7386.320	6.763	38.423	45.186	-28.814	74.000	54.000	PEAK
5		9847.980	11.922	35.880	47.801	-26.199	74.000	54.000	PEAK
6		12310.140	13.897	35.773	49.670	-24.330	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:45**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

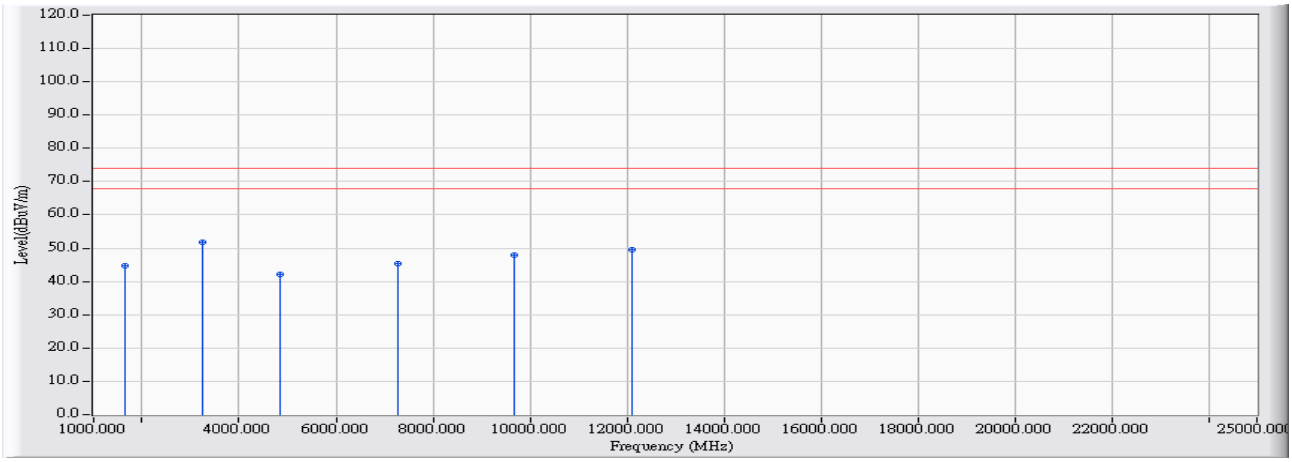


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	50.604	40.830	-33.170	74.000	54.000	PEAK
2		3232.000	-2.974	50.312	47.338	-26.662	74.000	54.000	PEAK
3		4844.100	0.451	38.634	39.085	-34.915	74.000	54.000	PEAK
4		7266.140	7.020	37.309	44.329	-29.671	74.000	54.000	PEAK
5		9688.000	10.970	36.896	47.866	-26.134	74.000	54.000	PEAK
6	*	12110.000	15.425	35.936	51.360	-22.640	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 17:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

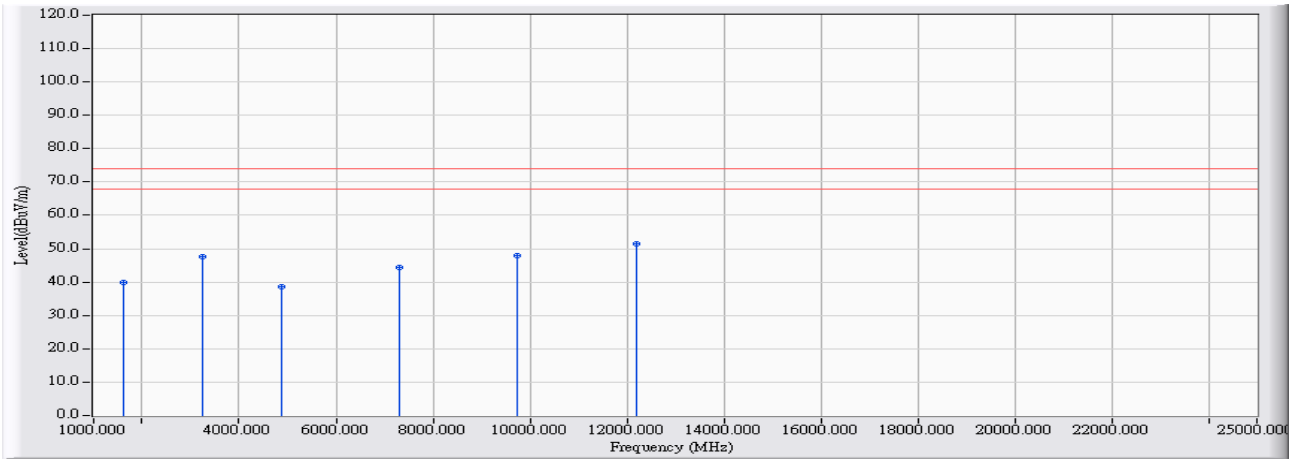


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1654.000	-7.457	52.253	44.797	-29.203	74.000	54.000	PEAK
2	*	3232.000	-2.906	54.553	51.647	-22.353	74.000	54.000	PEAK
3		4844.000	2.556	39.608	42.165	-31.835	74.000	54.000	PEAK
4		7266.000	6.516	38.877	45.392	-28.608	74.000	54.000	PEAK
5		9688.000	11.121	36.737	47.858	-26.142	74.000	54.000	PEAK
6		12110.000	14.261	35.312	49.572	-24.428	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/07/30 - 19:28**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11n(40M)**

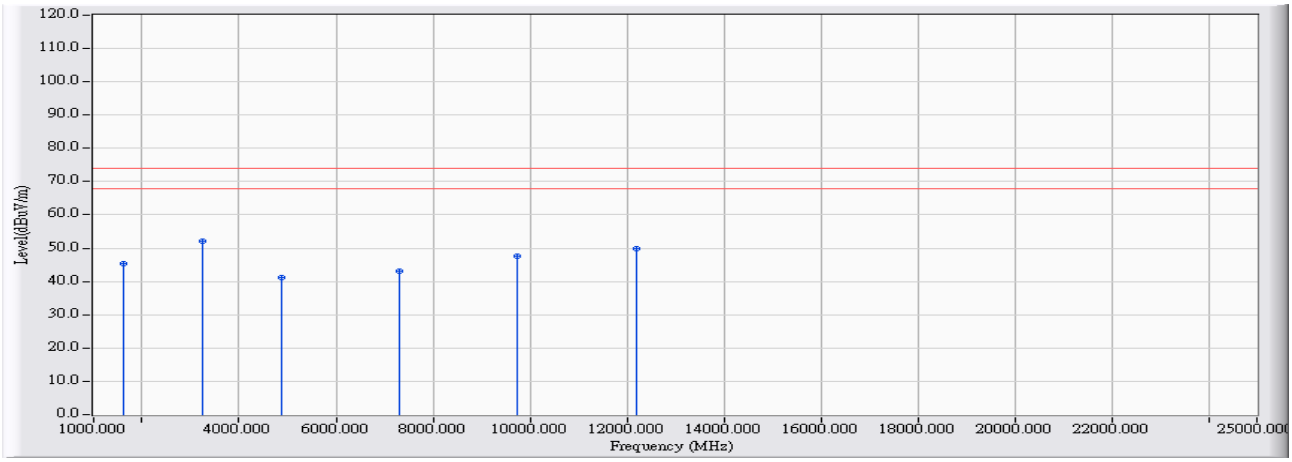


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	49.724	39.950	-34.050	74.000	54.000	PEAK
2		3256.000	-2.951	50.446	47.496	-26.504	74.000	54.000	PEAK
3		4874.000	0.531	38.203	38.734	-35.266	74.000	54.000	PEAK
4		7311.000	7.224	37.013	44.238	-29.762	74.000	54.000	PEAK
5		9748.000	11.220	36.577	47.797	-26.203	74.000	54.000	PEAK
6	*	12185.000	15.115	36.395	51.510	-22.490	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/20 - 14:22**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2437 MHz -802.11n(40M)**

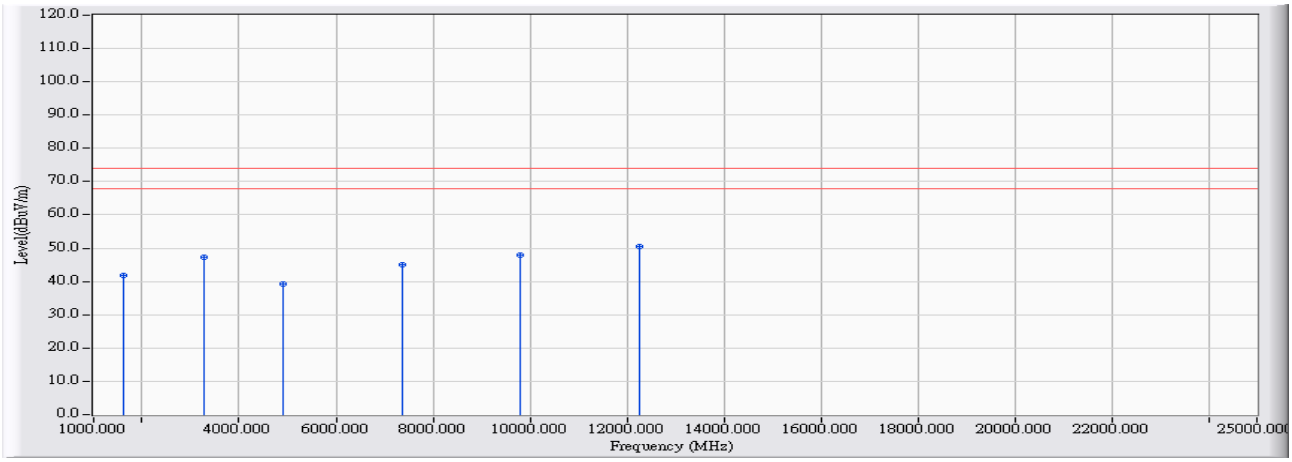


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-7.395	52.909	45.514	-28.486	74.000	54.000	PEAK
2	*	3256.000	-2.805	54.843	52.038	-21.962	74.000	54.000	PEAK
3		4874.000	2.577	38.507	41.084	-32.916	74.000	54.000	PEAK
4		7311.000	6.601	36.646	43.248	-30.752	74.000	54.000	PEAK
5		9748.000	11.420	36.152	47.572	-26.428	74.000	54.000	PEAK
6		12185.000	14.121	35.895	50.015	-23.985	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/20 - 14:27**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**

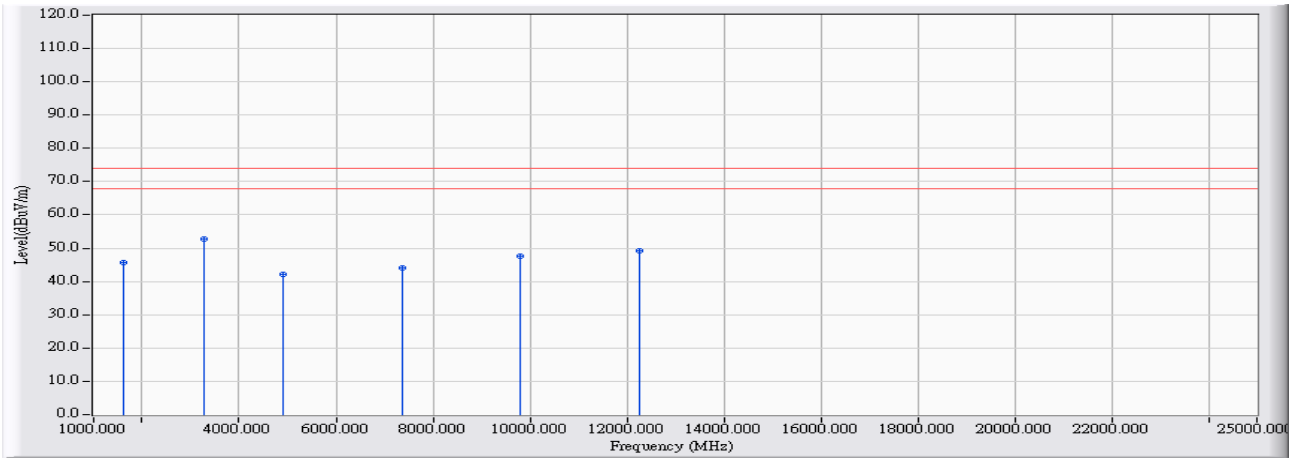


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-9.775	51.462	41.688	-32.312	74.000	54.000	PEAK
2		3280.000	-2.921	50.053	47.133	-26.867	74.000	54.000	PEAK
3		4904.000	0.618	38.559	39.177	-34.823	74.000	54.000	PEAK
4		7356.000	7.441	37.479	44.920	-29.080	74.000	54.000	PEAK
5		9808.000	11.461	36.601	48.062	-25.938	74.000	54.000	PEAK
6	*	12260.000	14.832	35.658	50.490	-23.510	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/20 - 14:31**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**

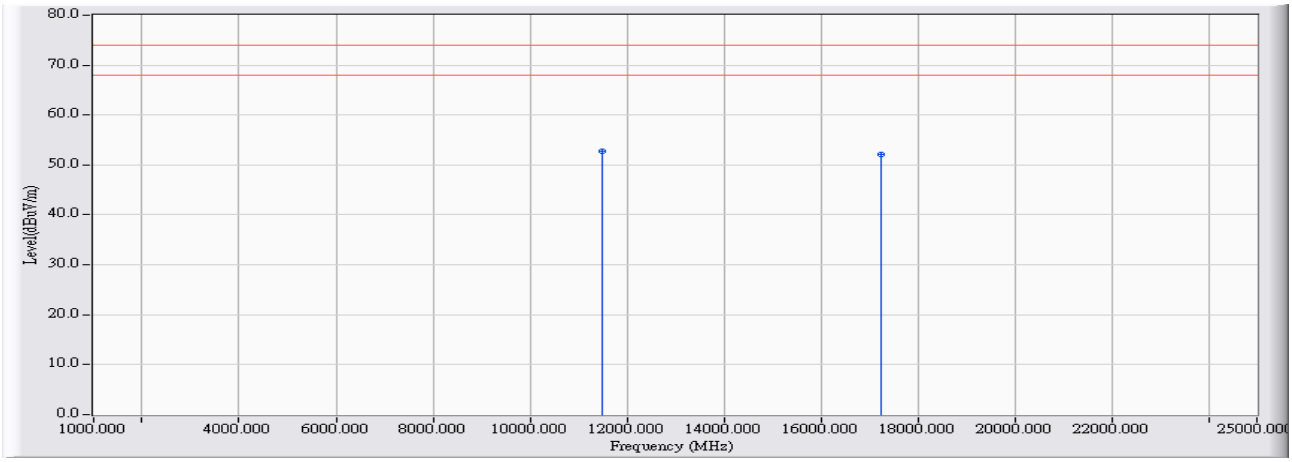


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		1624.000	-7.395	53.112	45.717	-28.283	74.000	54.000	PEAK
2	*	3280.000	-2.694	55.391	52.697	-21.303	74.000	54.000	PEAK
3		4904.000	2.590	39.422	42.012	-31.988	74.000	54.000	PEAK
4		7356.000	6.689	37.264	43.953	-30.047	74.000	54.000	PEAK
5		9808.000	11.719	35.791	47.510	-26.490	74.000	54.000	PEAK
6		12260.000	13.988	35.248	49.237	-24.763	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:08**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5745MHz_802.11a**

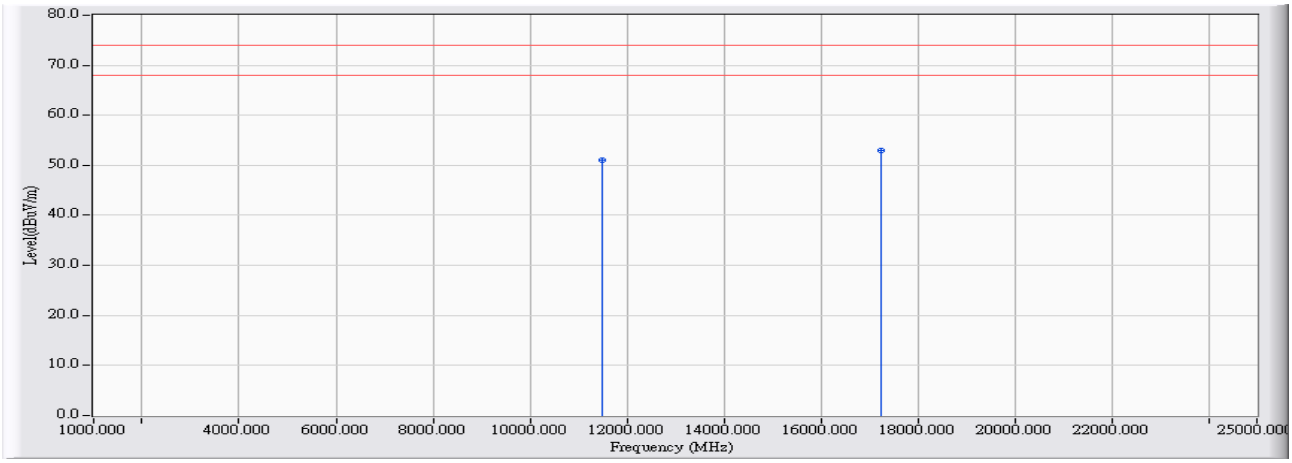


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	11490.000	16.430	36.238	52.668	-21.332	74.000	54.000	PEAK
2		17235.000	19.100	32.940	52.040	-21.960	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5745MHz_802.11a**

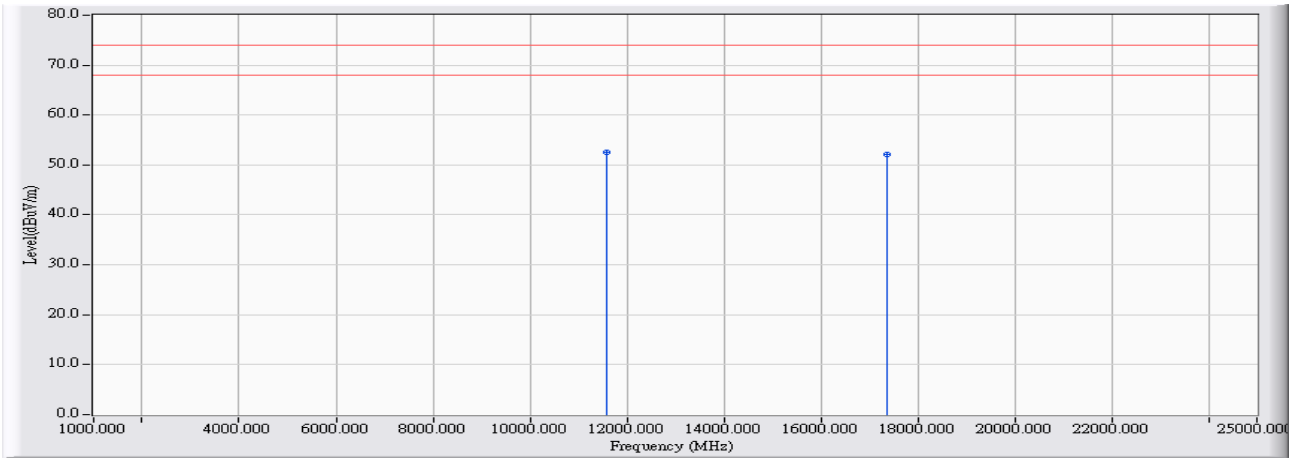


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11490.000	14.909	36.185	51.094	-22.906	74.000	54.000	PEAK
2	*	17235.000	21.367	31.596	52.963	-21.037	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:20**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5785MHz_802.11a**

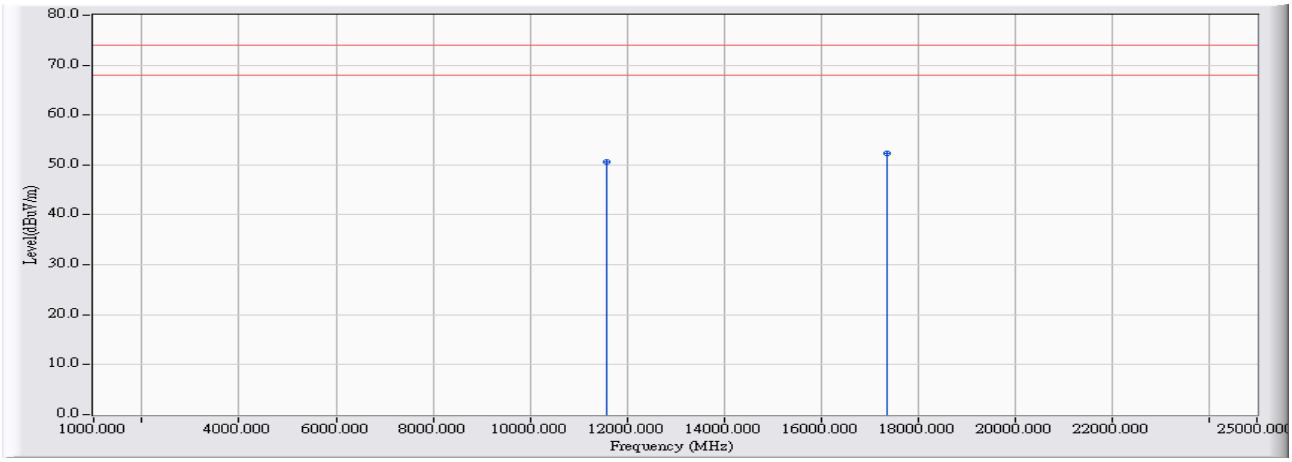


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	11570.000	16.297	36.158	52.455	-21.545	74.000	54.000	PEAK
2		17355.000	19.973	32.078	52.051	-21.949	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:23**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5785MHz_802.11a**

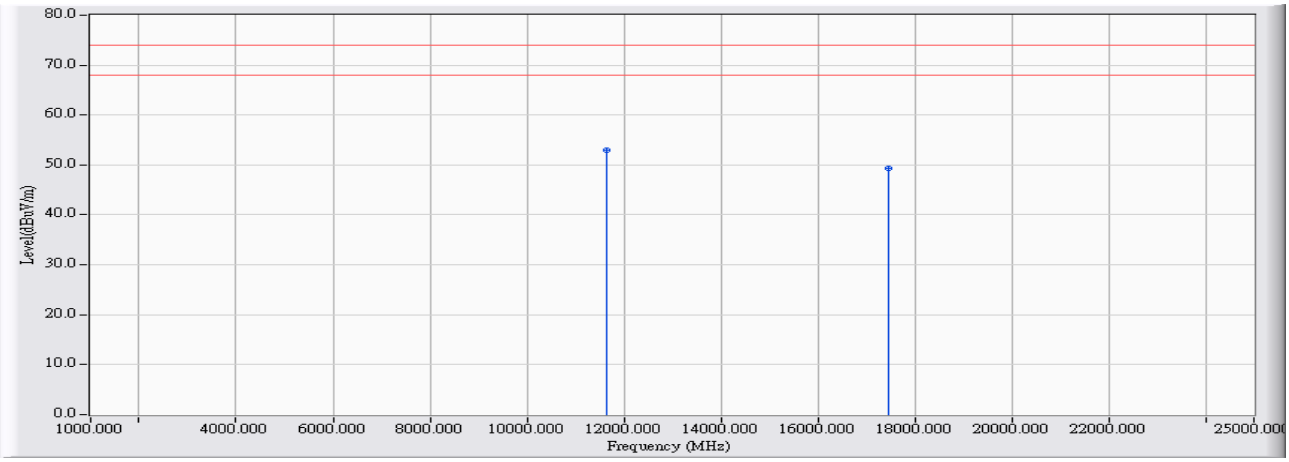


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11570.000	14.780	35.795	50.575	-23.425	74.000	54.000	PEAK
2	*	17355.000	22.844	29.595	52.439	-21.561	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:34**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5825MHz_802.11a**

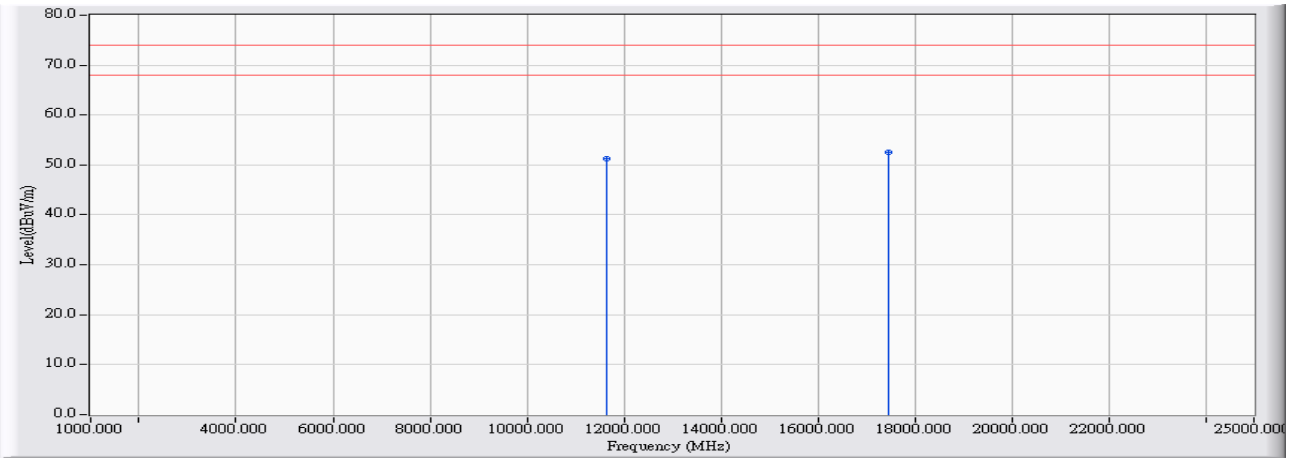


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	11650.000	16.208	36.744	52.952	-21.048	74.000	54.000	PEAK
2		17475.000	20.857	28.513	49.370	-24.630	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:38**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5825MHz_802.11a**

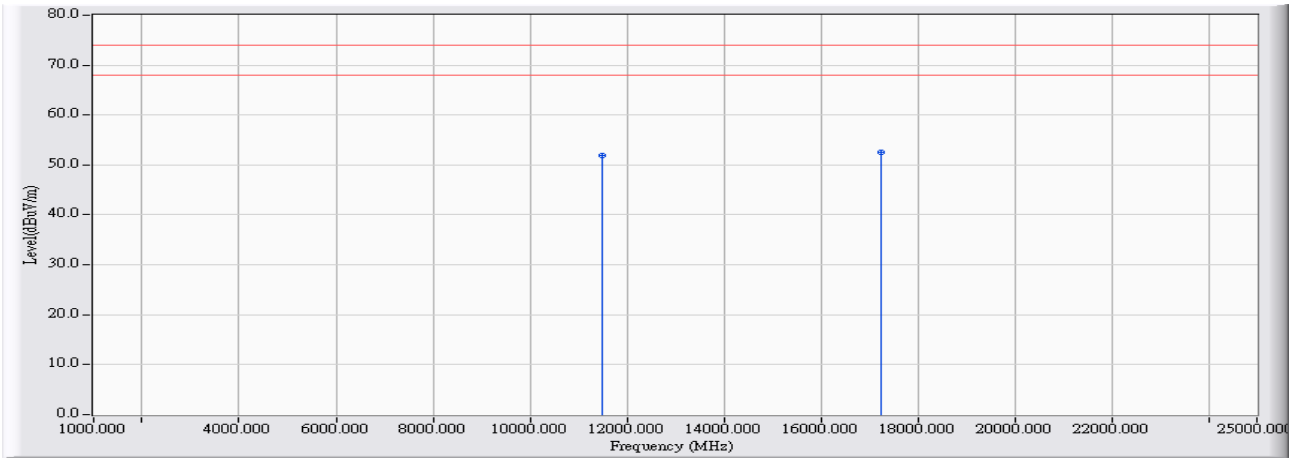


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11650.000	14.710	36.472	51.182	-22.818	74.000	54.000	PEAK
2	*	17475.000	24.321	28.287	52.607	-21.393	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:44**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5745MHz-802.11n(20M)**

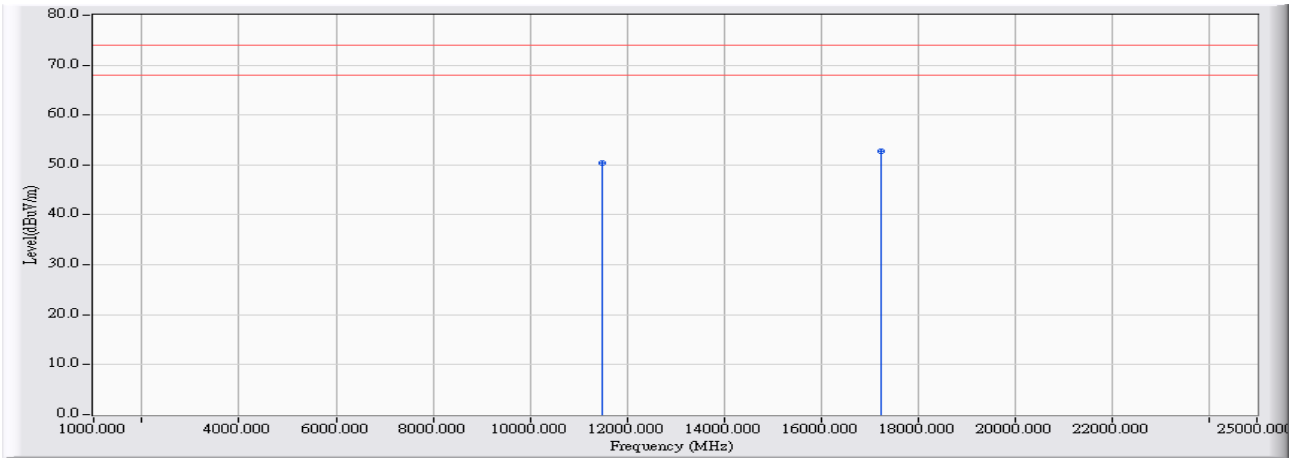


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11490.000	16.430	35.550	51.980	-22.020	74.000	54.000	PEAK
2	*	17235.000	19.100	33.524	52.624	-21.376	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:48**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5745MHz-802.11n(20M)**

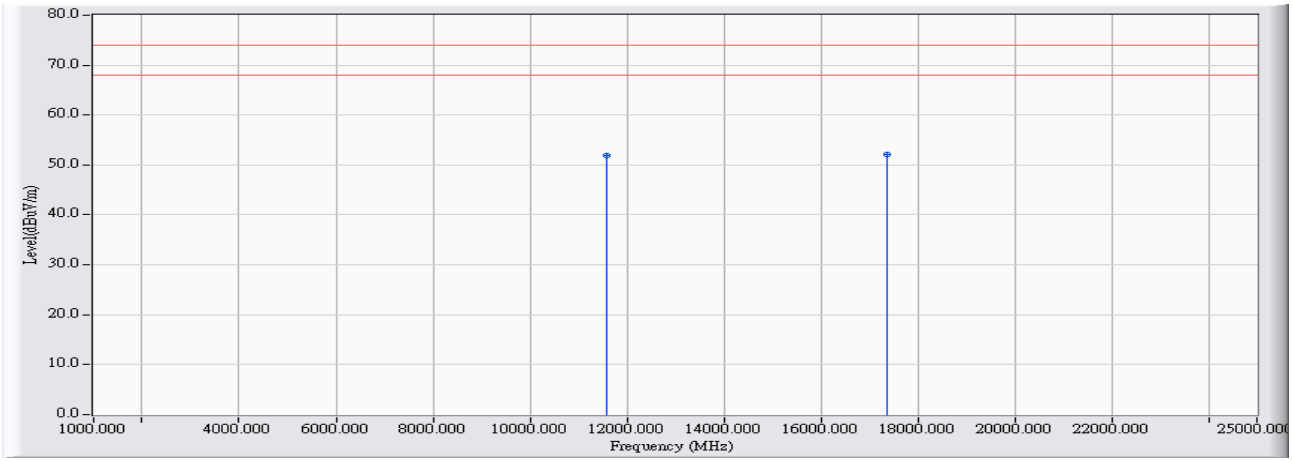


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11490.000	14.909	35.570	50.479	-23.521	74.000	54.000	PEAK
2	*	17235.000	21.367	31.377	52.744	-21.256	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5785MHz-802.11n(20M)**

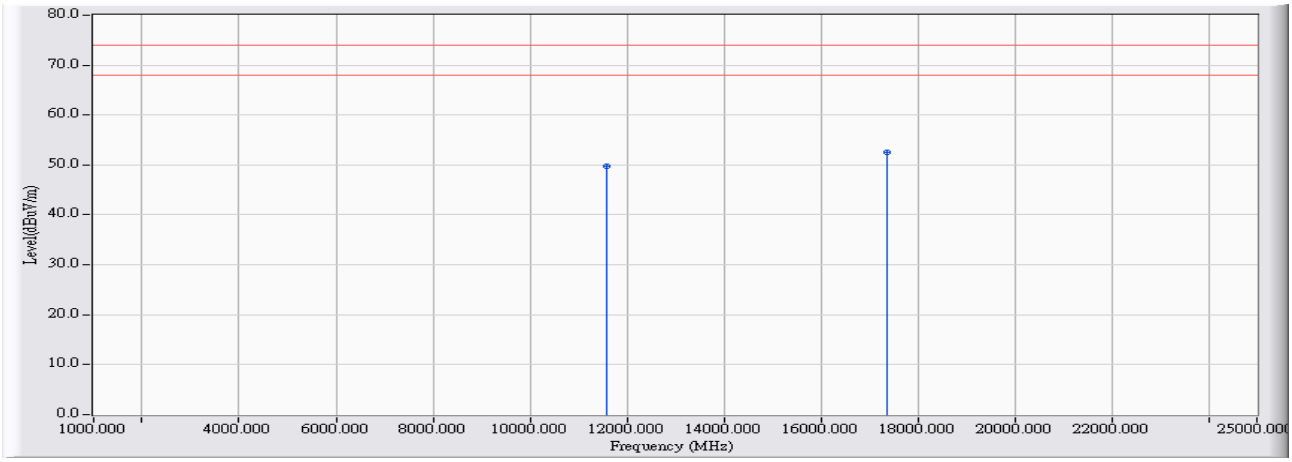


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11570.000	16.297	35.618	51.915	-22.085	74.000	54.000	PEAK
2	*	17355.000	19.973	32.212	52.185	-21.815	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 10:57**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5785MHz-802.11n(20M)**

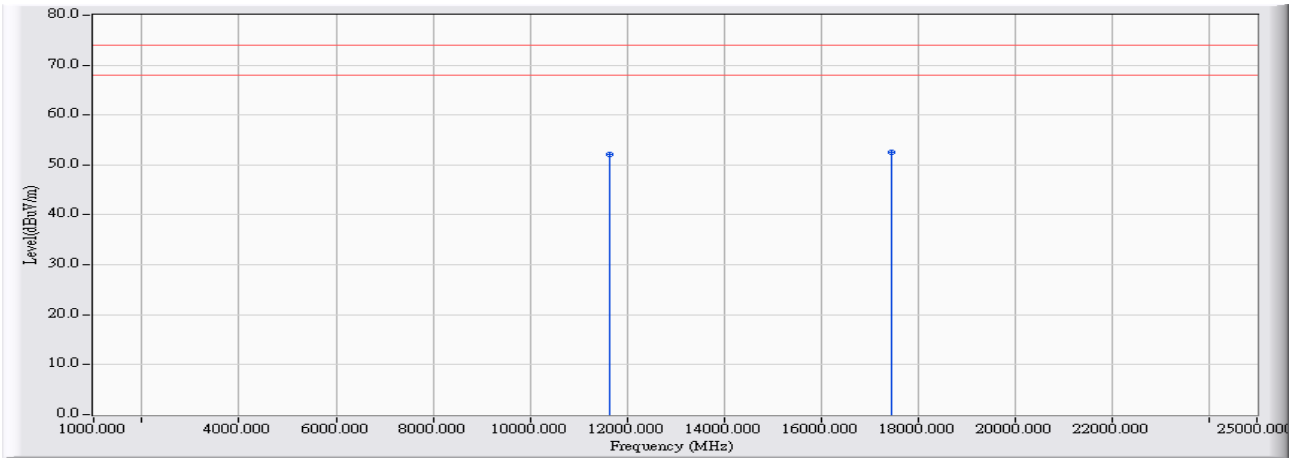


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11570.000	14.780	34.932	49.712	-24.288	74.000	54.000	PEAK
2	*	17355.000	22.844	29.723	52.567	-21.433	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:06**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5825MHz-802.11n(20M)**

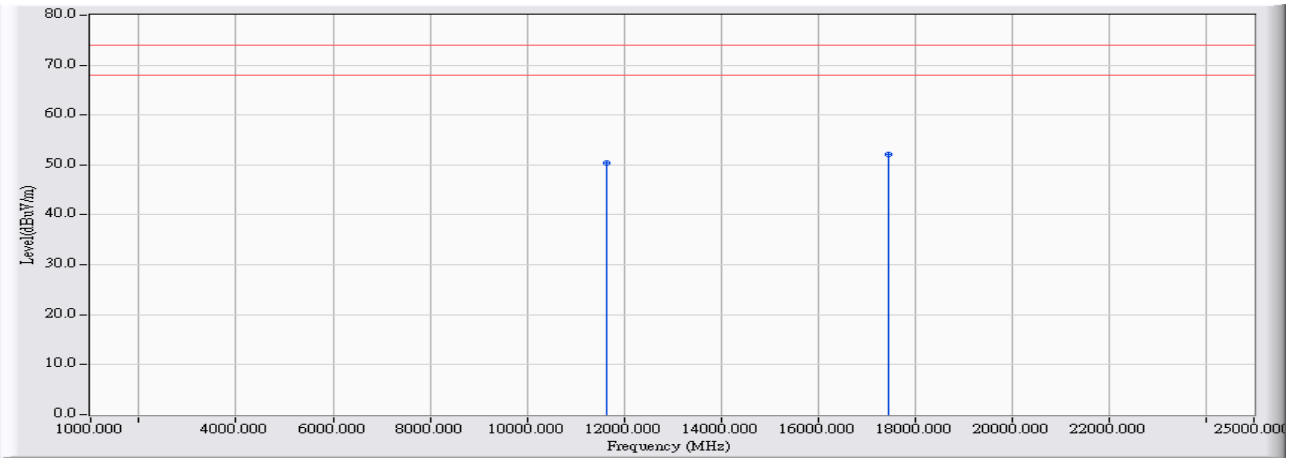


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11650.000	16.208	36.010	52.218	-21.782	74.000	54.000	PEAK
2	*	17475.000	20.857	31.608	52.465	-21.535	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:13**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5825MHz-802.11n(20M)**

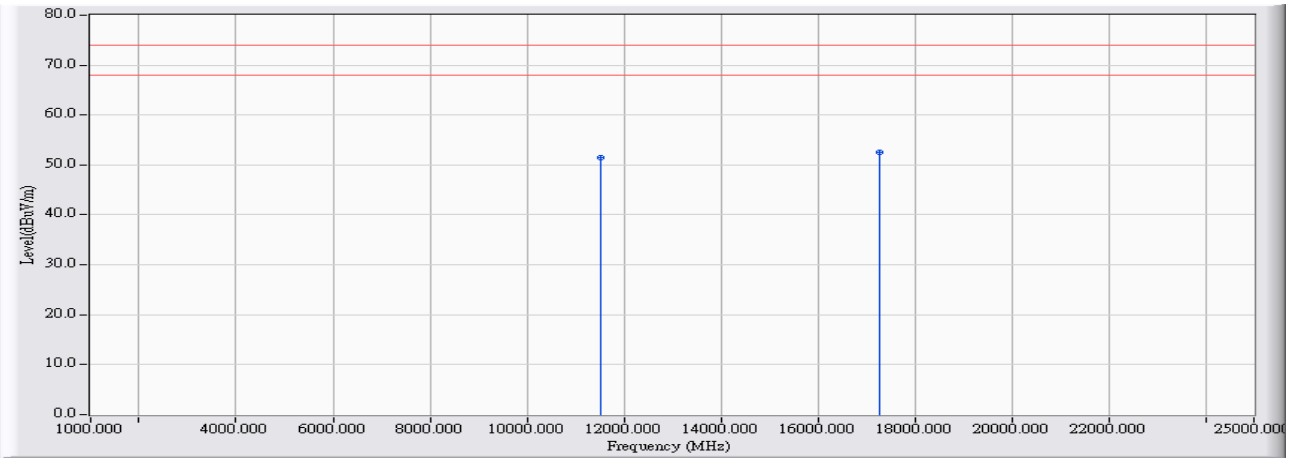


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11650.000	14.710	35.767	50.477	-23.523	74.000	54.000	PEAK
2	*	17475.000	24.321	27.729	52.049	-21.951	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:17**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5755MHz-802.11n(40M)**

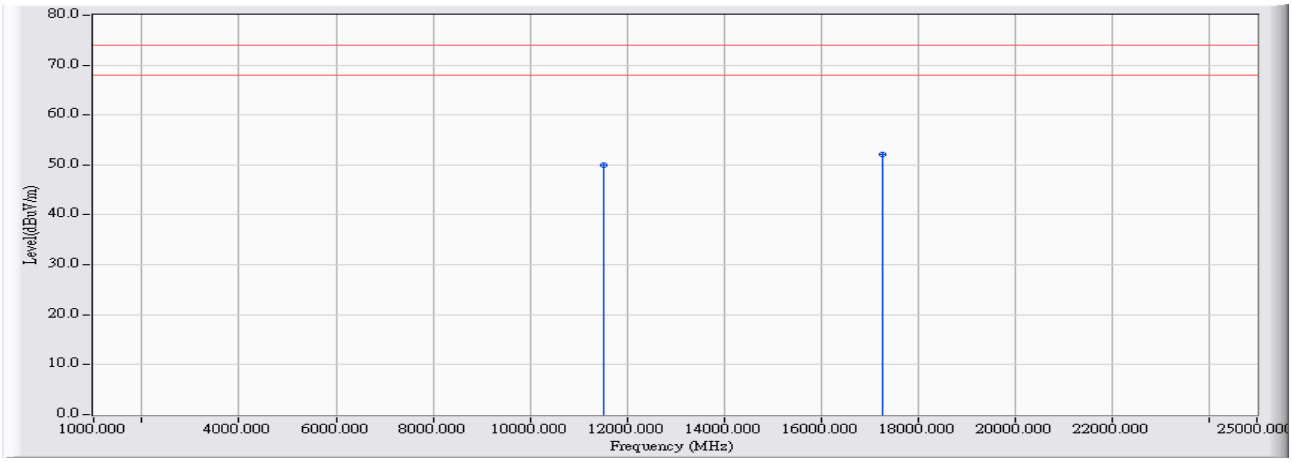


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11510.000	16.414	35.153	51.567	-22.433	74.000	54.000	PEAK
2	*	17265.000	19.320	33.126	52.446	-21.554	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:20**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5755MHz-802.11n(40M)**

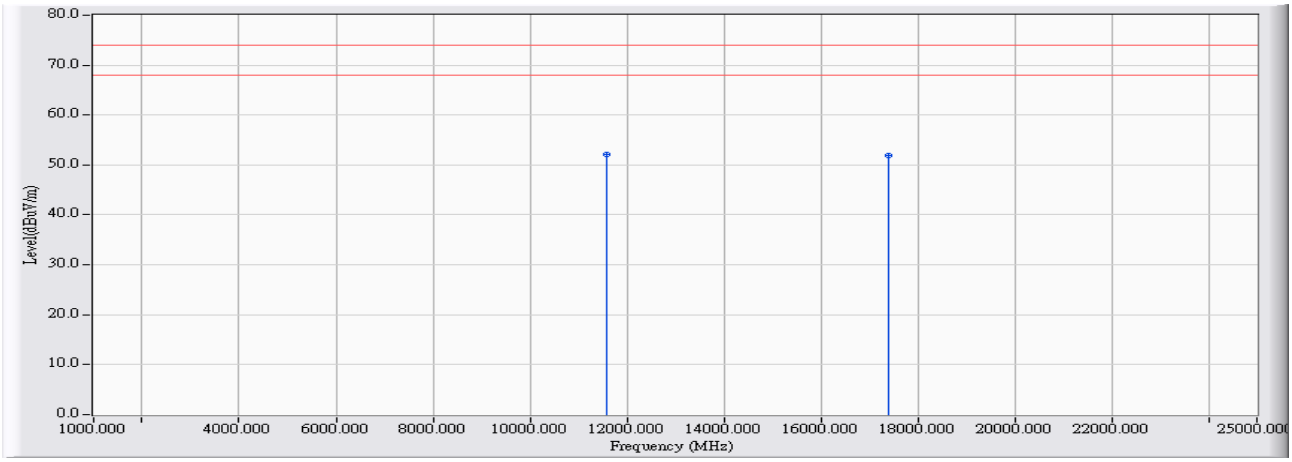


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11510.000	14.876	35.011	49.887	-24.113	74.000	54.000	PEAK
2	*	17265.000	21.731	30.357	52.088	-21.912	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:45**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5795MHz-802.11n(40M)**

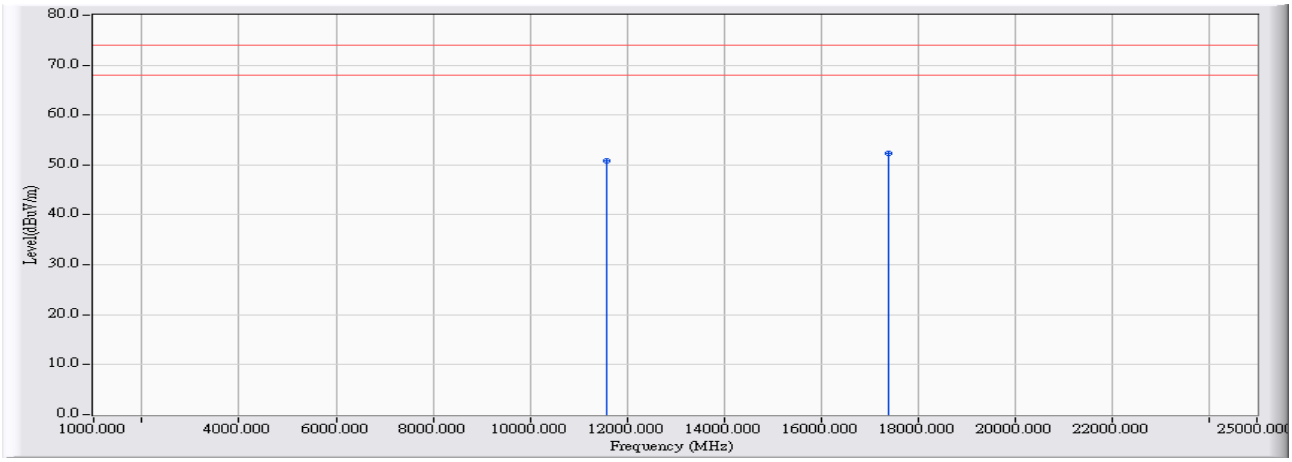


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	11590.000	16.279	35.938	52.217	-21.783	74.000	54.000	PEAK
2		17385.000	20.194	31.806	52.000	-22.000	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2010/08/28 - 11:49**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-5795MHz-802.11n(40M)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		11590.000	14.765	36.140	50.905	-23.095	74.000	54.000	PEAK
2	*	17385.000	23.208	29.207	52.415	-21.585	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

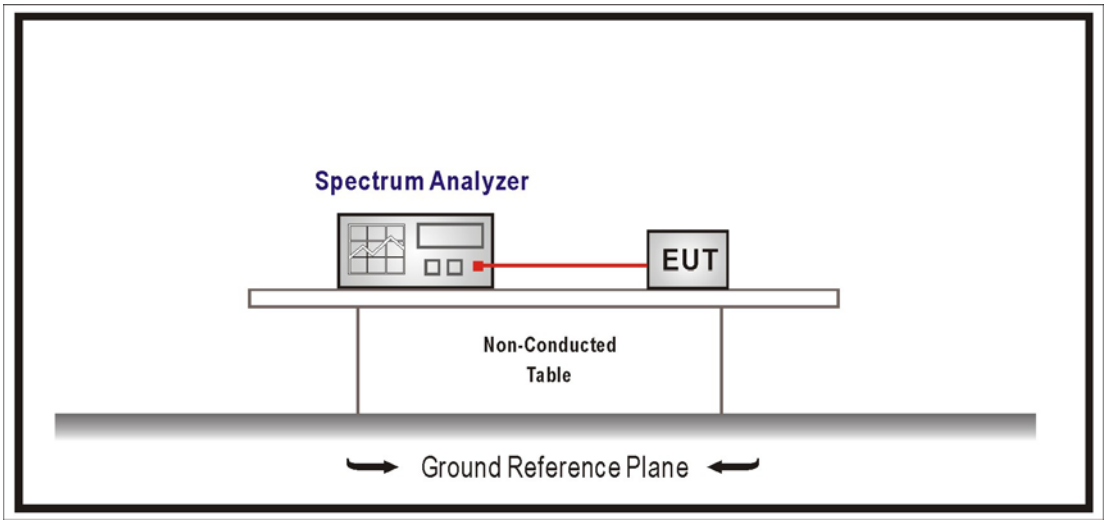
RF antenna conducted test / No.7 Shielding Room

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

5.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements
Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

5.6. Uncertainty

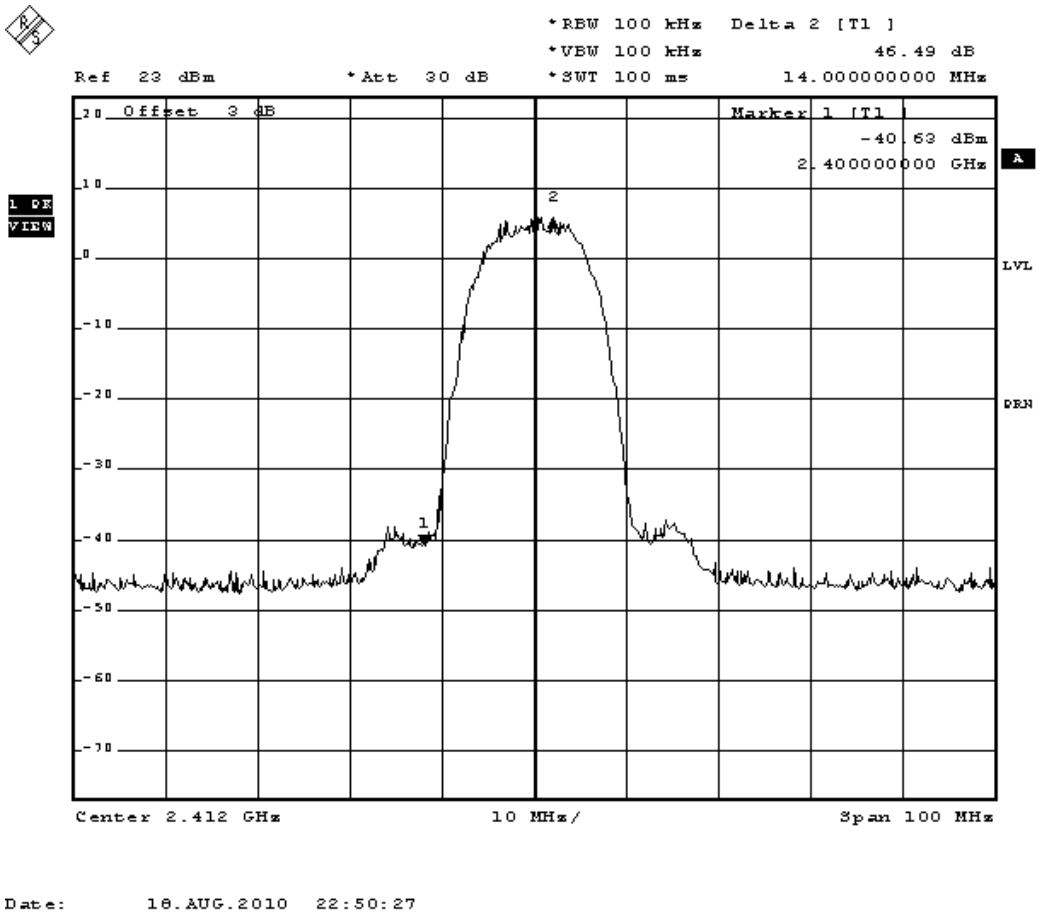
Conducted is defined as ± 1.27dB

5.7. Test Result

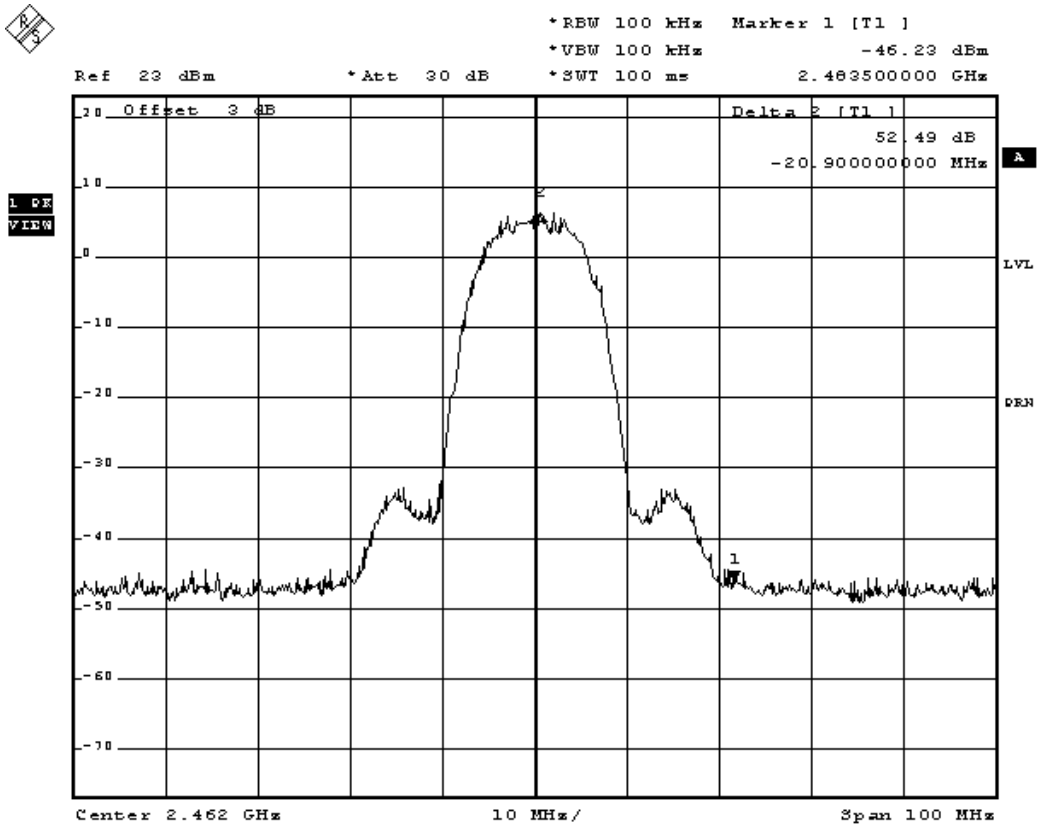
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11b, Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	46.49	≥20	Pass
11	2462	52.49	≥20	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

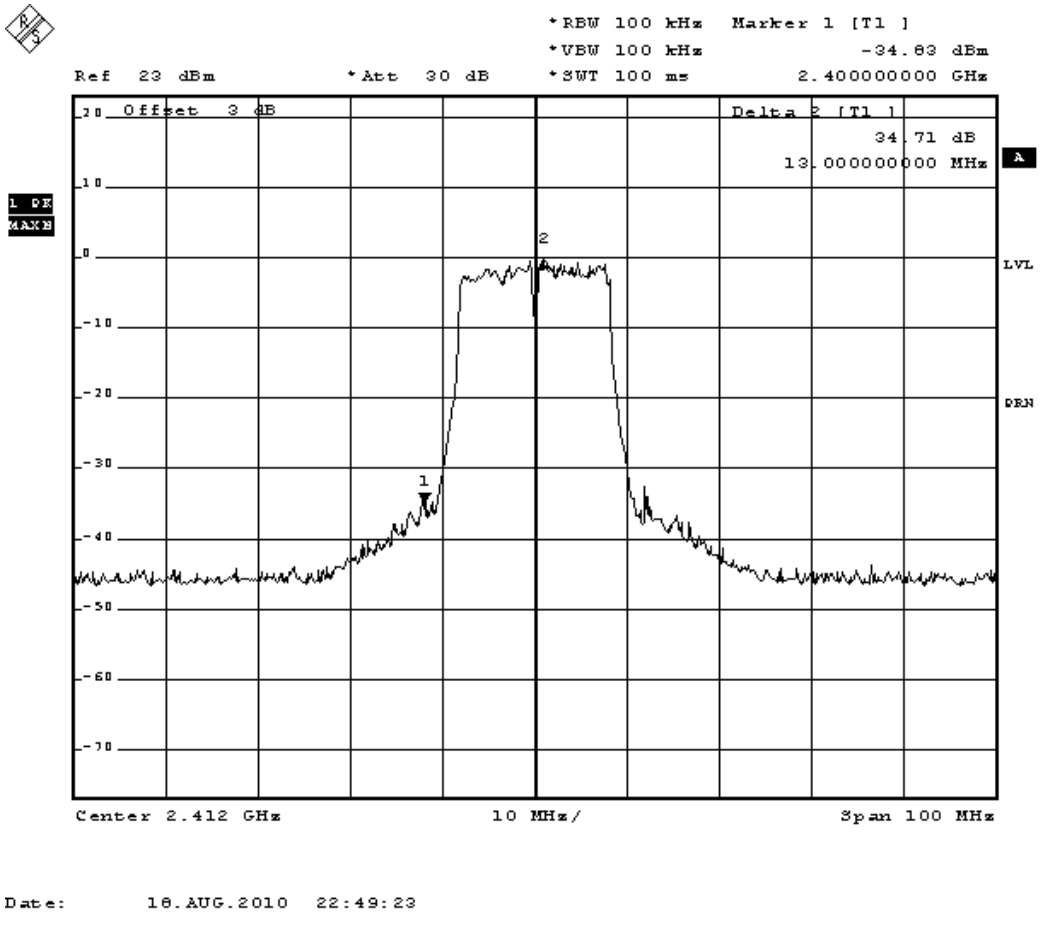


Date: 18.AUG.2010 22:51:22

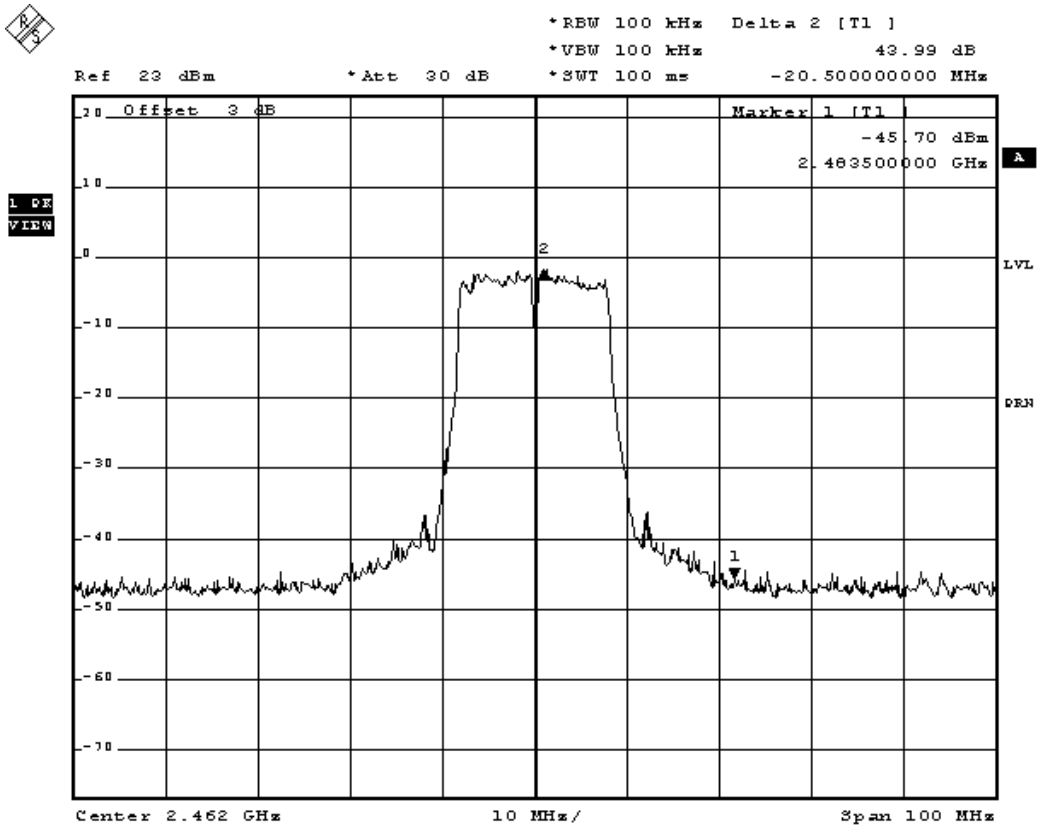
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11g, Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.71	≥20	Pass
11	2462	43.99	≥20	Pass

Channel 01 (2412MHz)



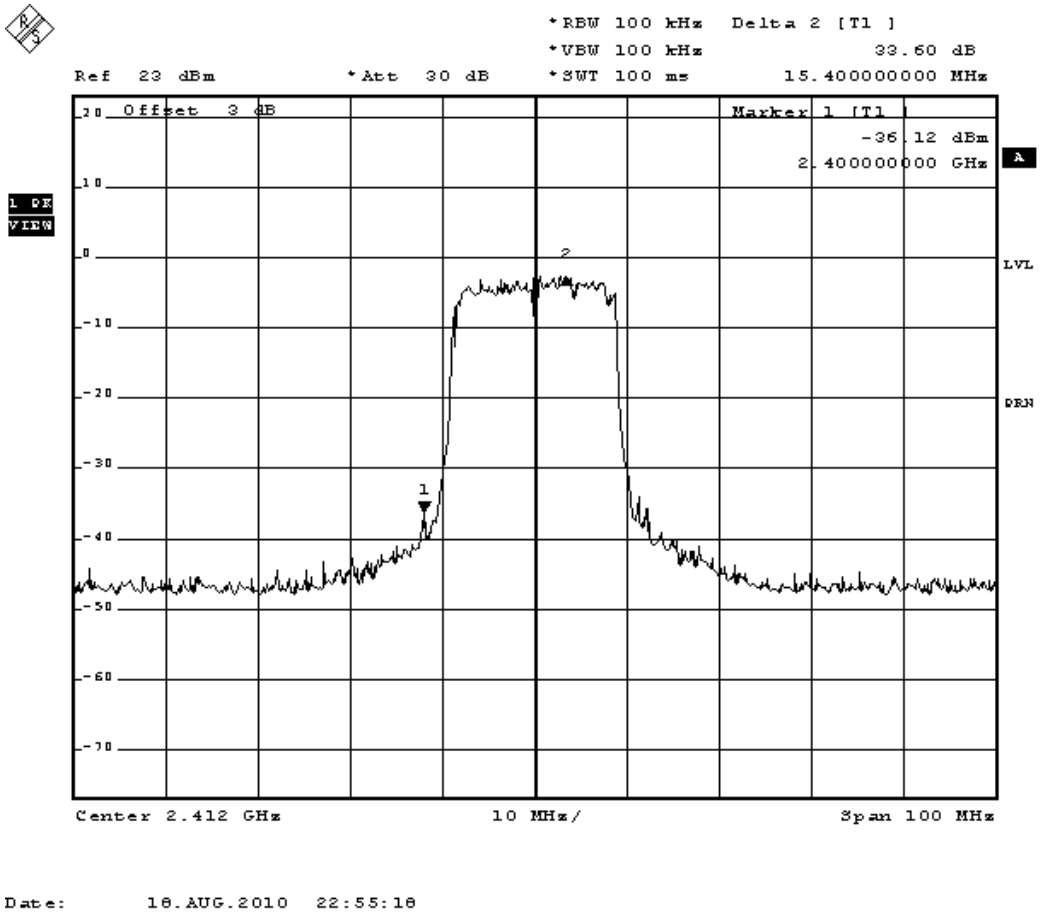
Channel 11 (2462MHz)



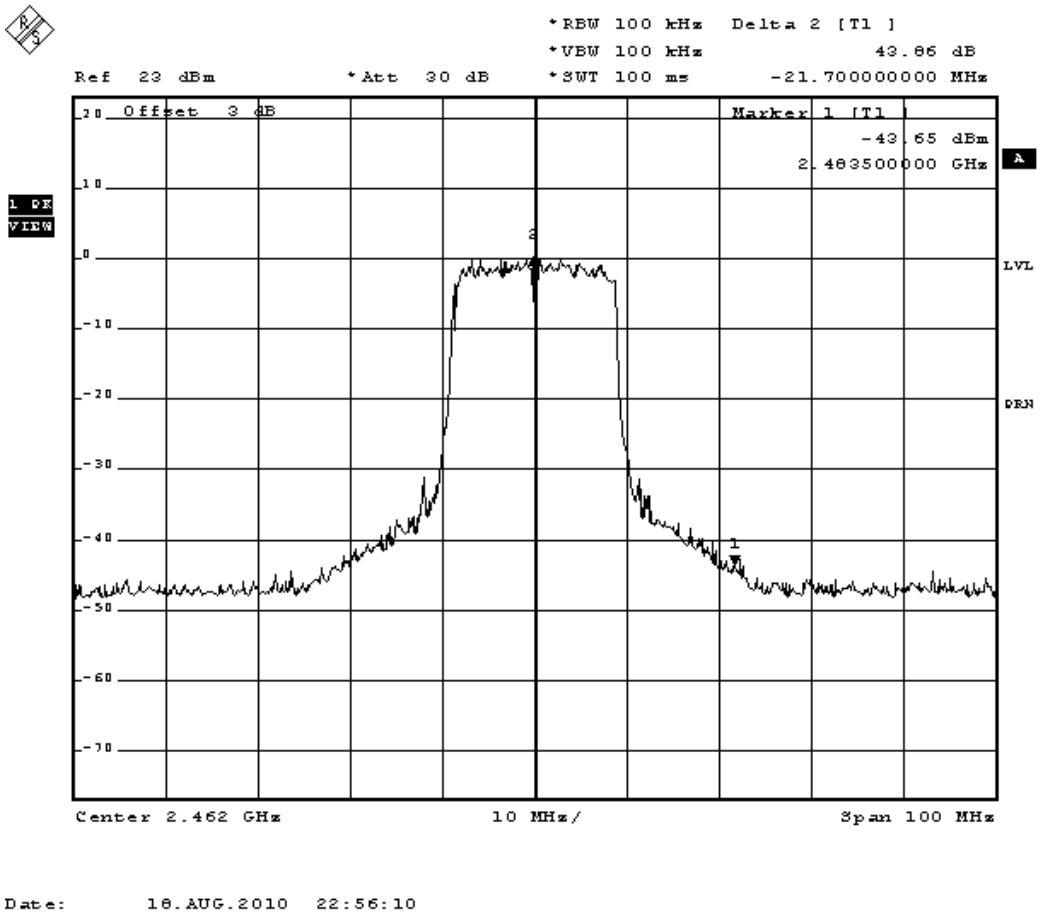
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz), (ANT A) Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	33.60	≥20	Pass
11	2462	43.86	≥20	Pass

Channel 1 (2412MHz)



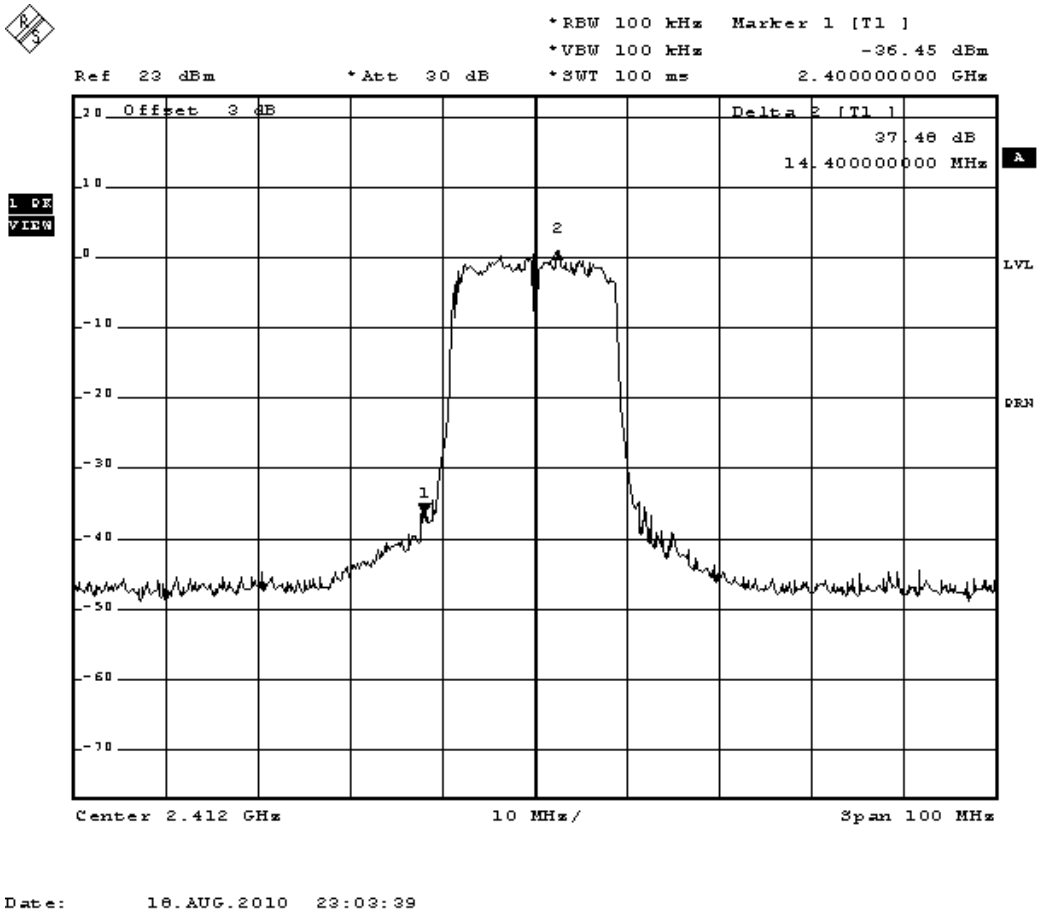
Channel 11 (2462MHz)



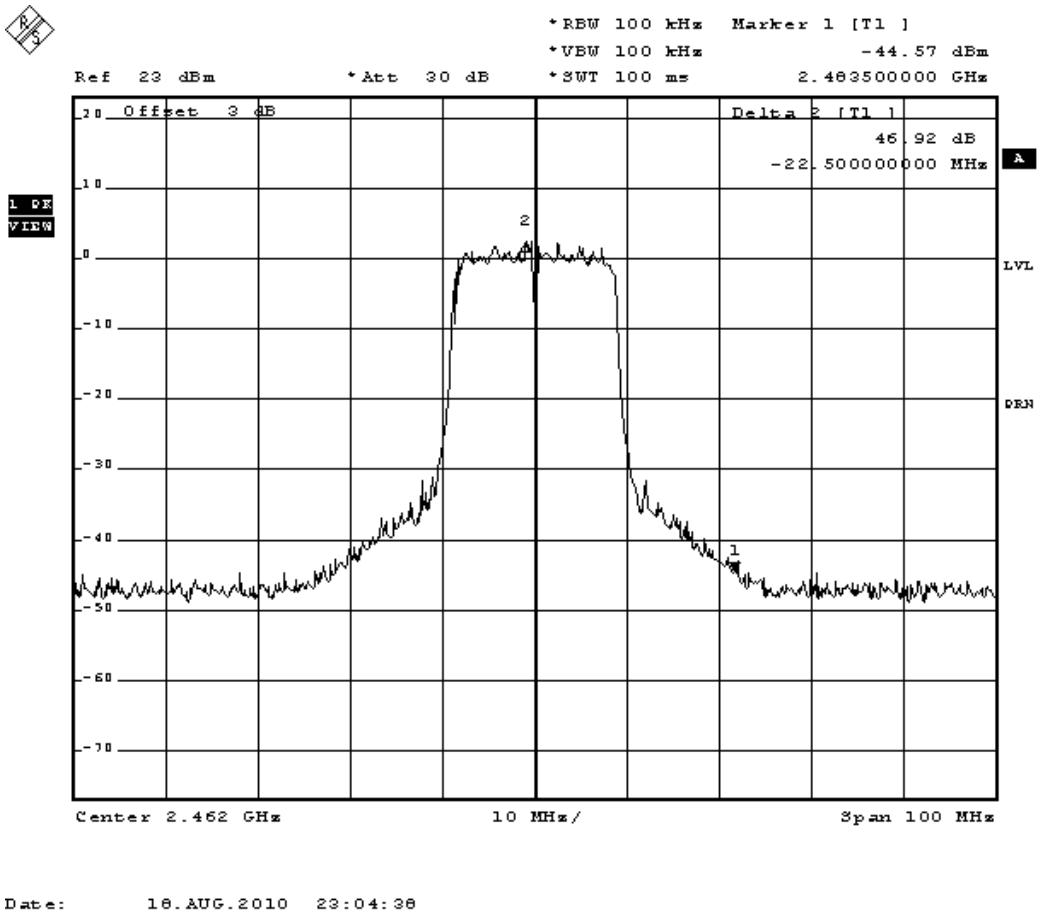
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz), (ANT B) Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	37.48	≥20	Pass
11	2462	46.92	≥20	Pass

Channel 1 (2412MHz)



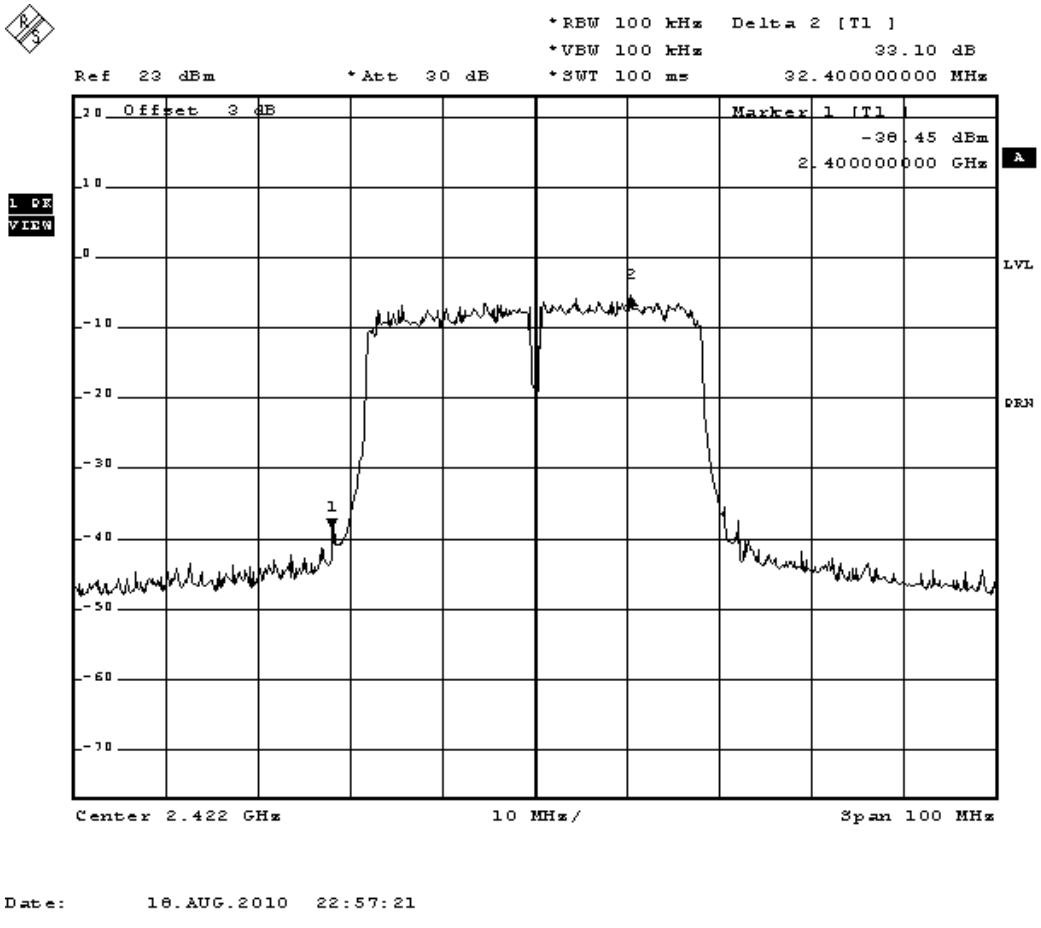
Channel 11 (2462MHz)



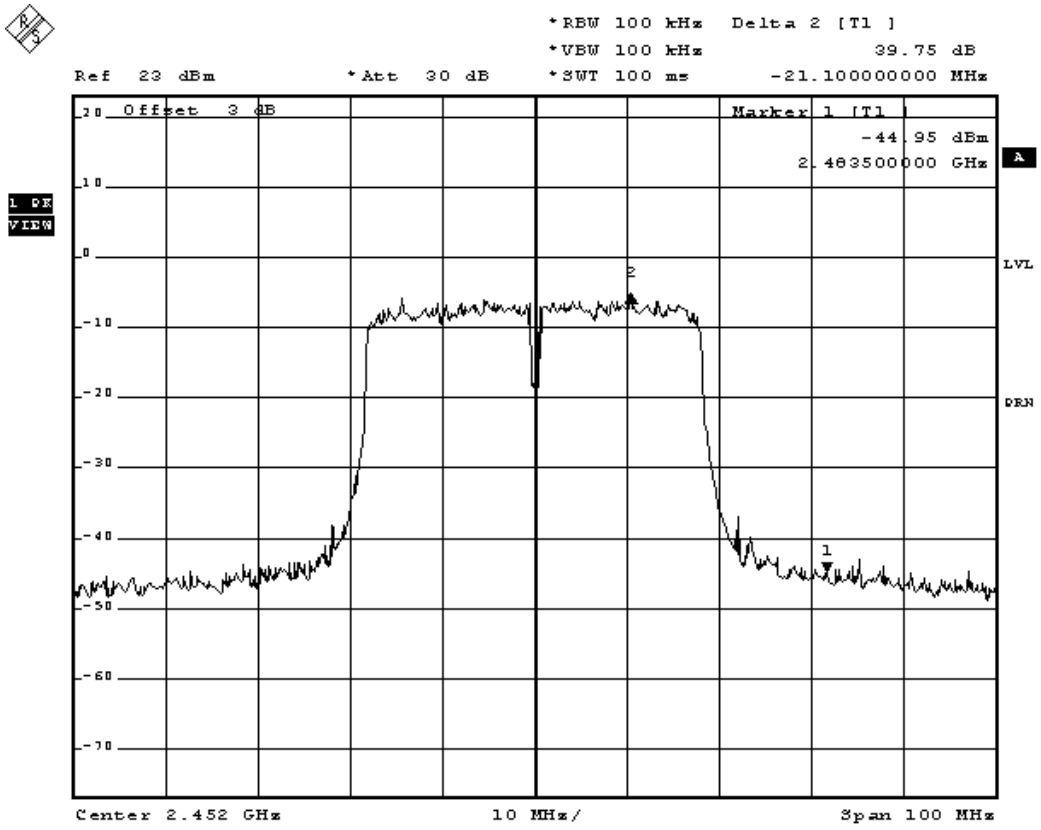
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (40MHz), (ANT A) Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	33.10	≥20	Pass
9	2452	39.75	≥20	Pass

Channel 3 (2422MHz)



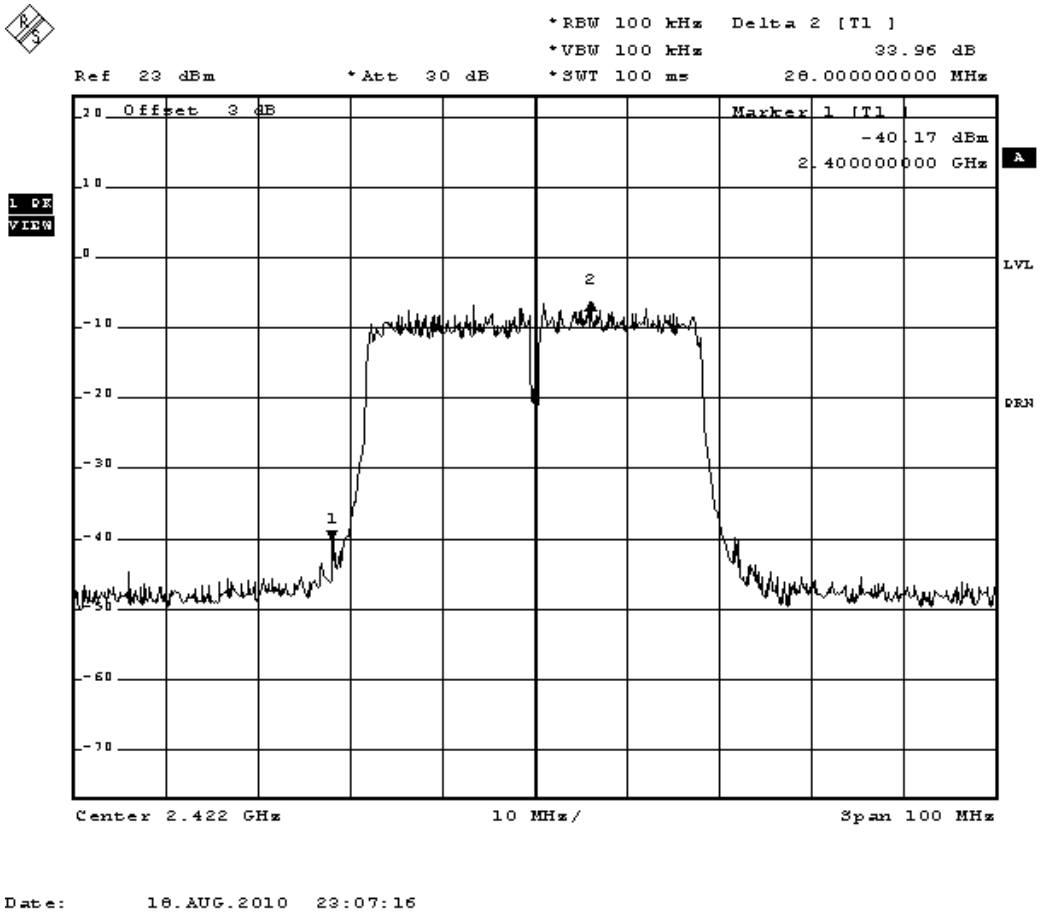
Channel 9 (2452MHz)



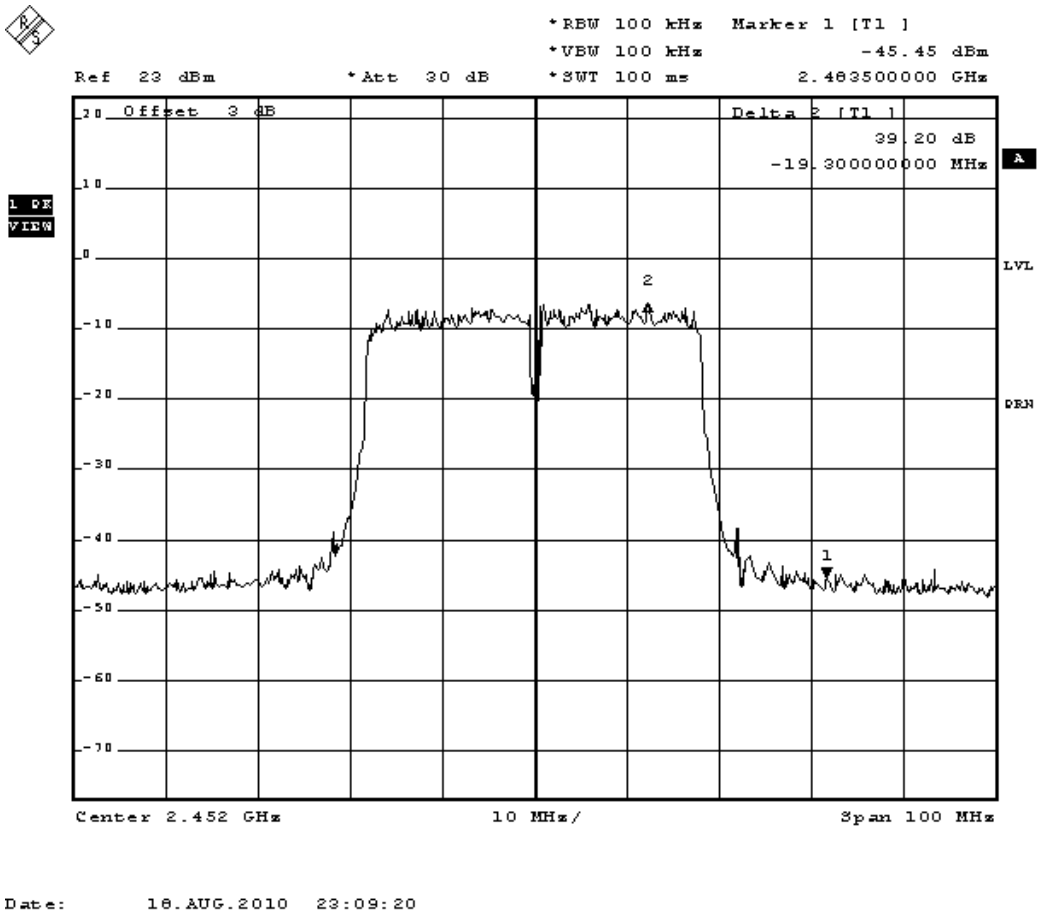
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (40MHz), (ANT B) Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	33.96	≥20	Pass
9	2452	39.20	≥20	Pass

Channel 3 (2422MHz)

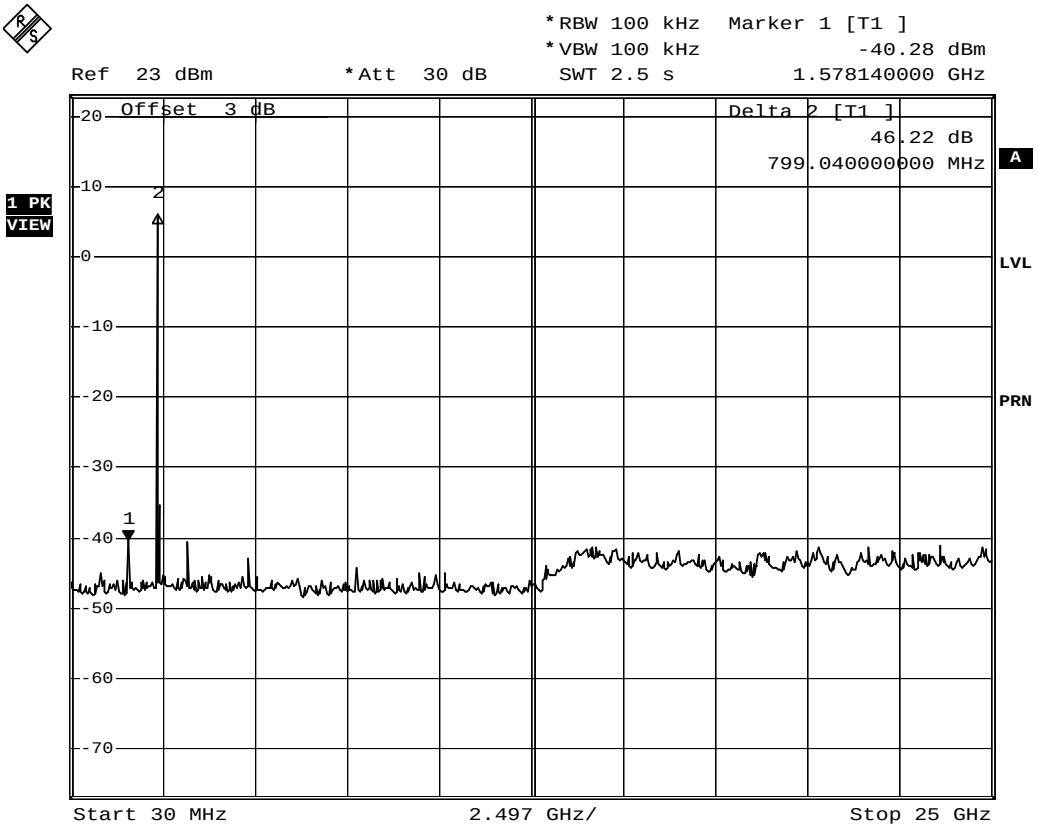


Channel 9 (2452MHz)



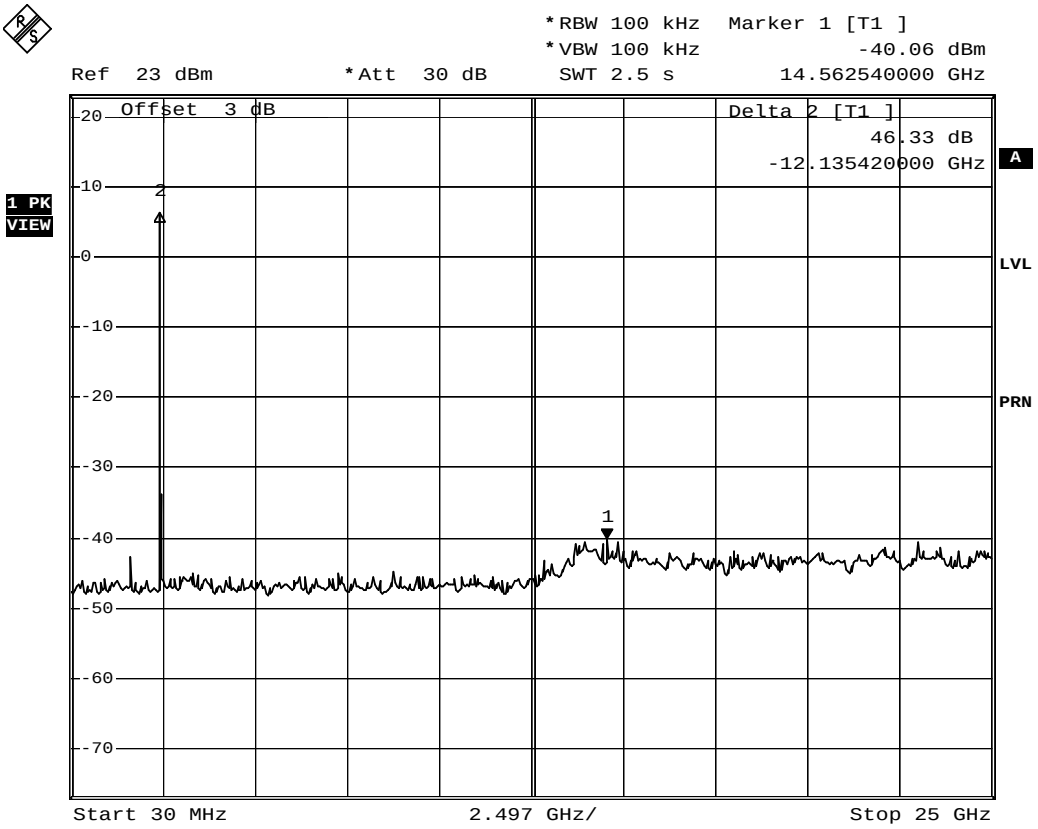
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

2412MHz (30MHz~25GHz)-802.11b



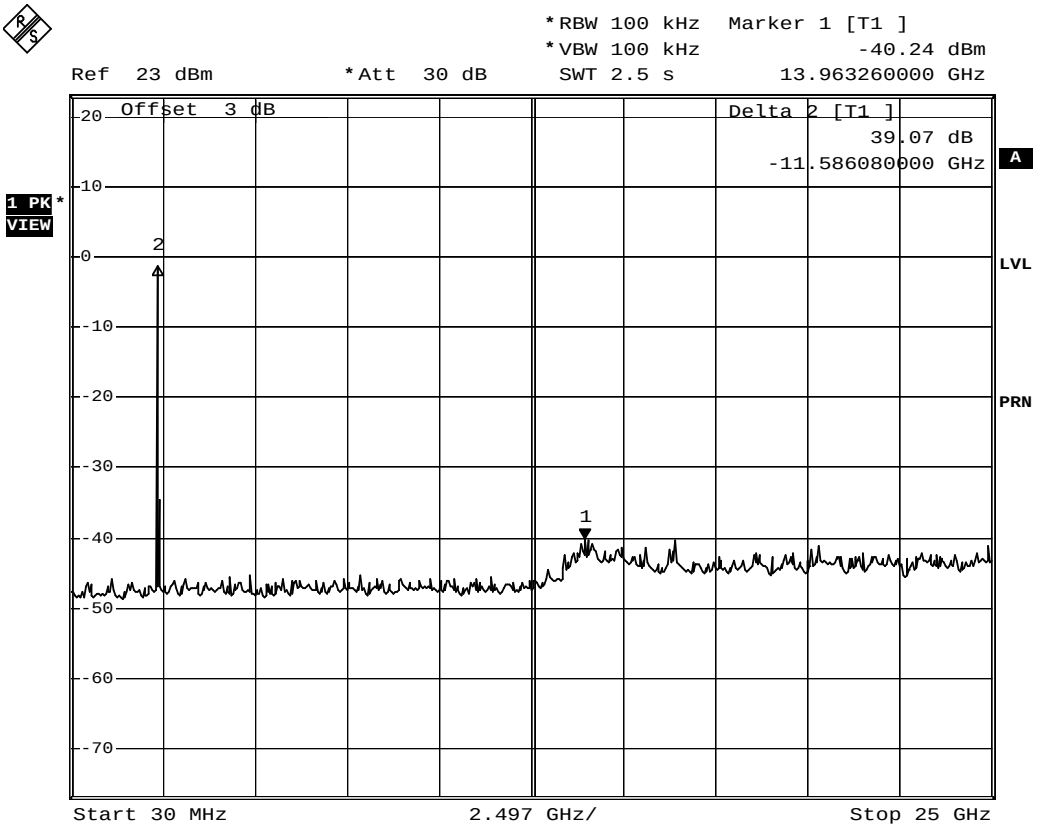
Date: 18.AUG.2010 23:19:39

2462MHz (30MHz~25GHz)-802.11b



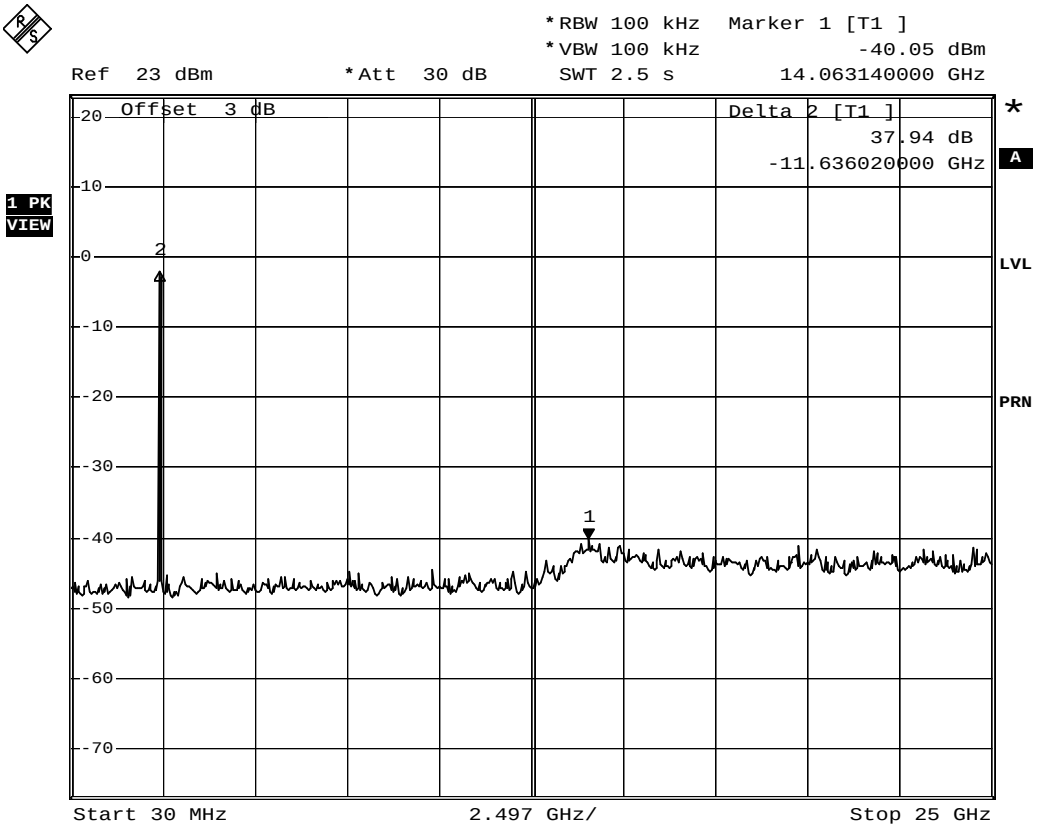
Date: 18.AUG.2010 23:21:16

2412MHz (30MHz~25GHz)-802.11g



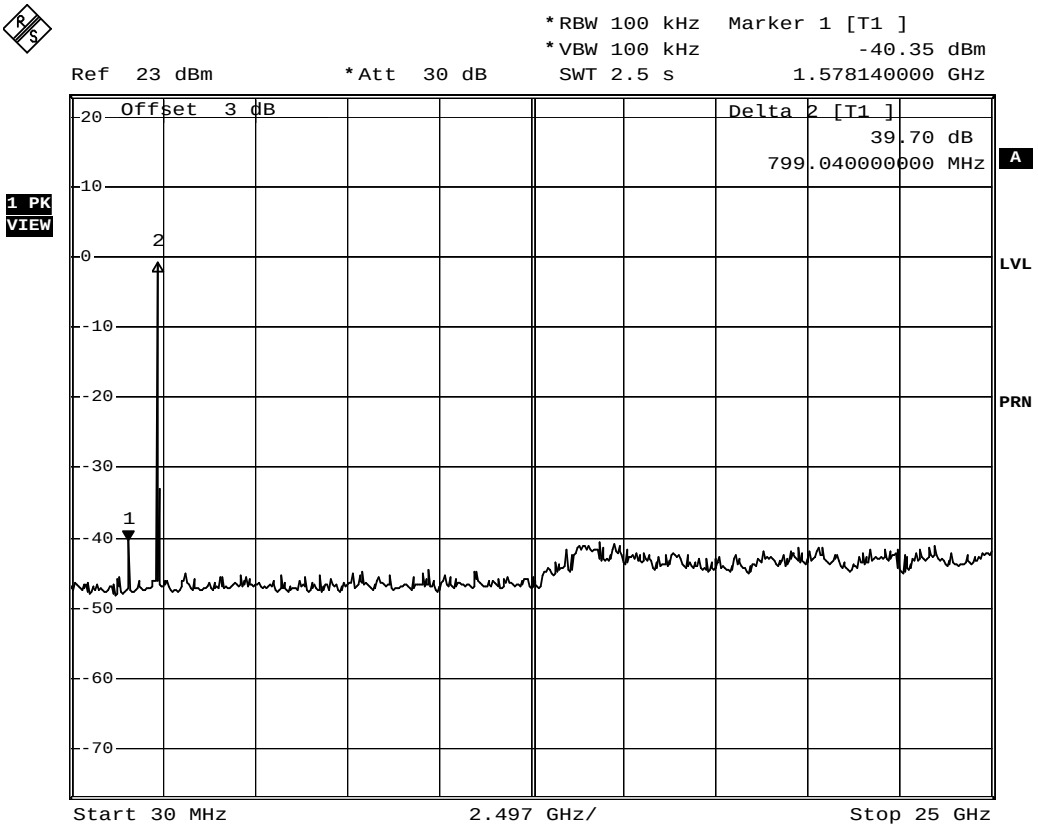
Date: 18.AUG.2010 23:22:56

2462MHz (30MHz~25GHz)-802.11g

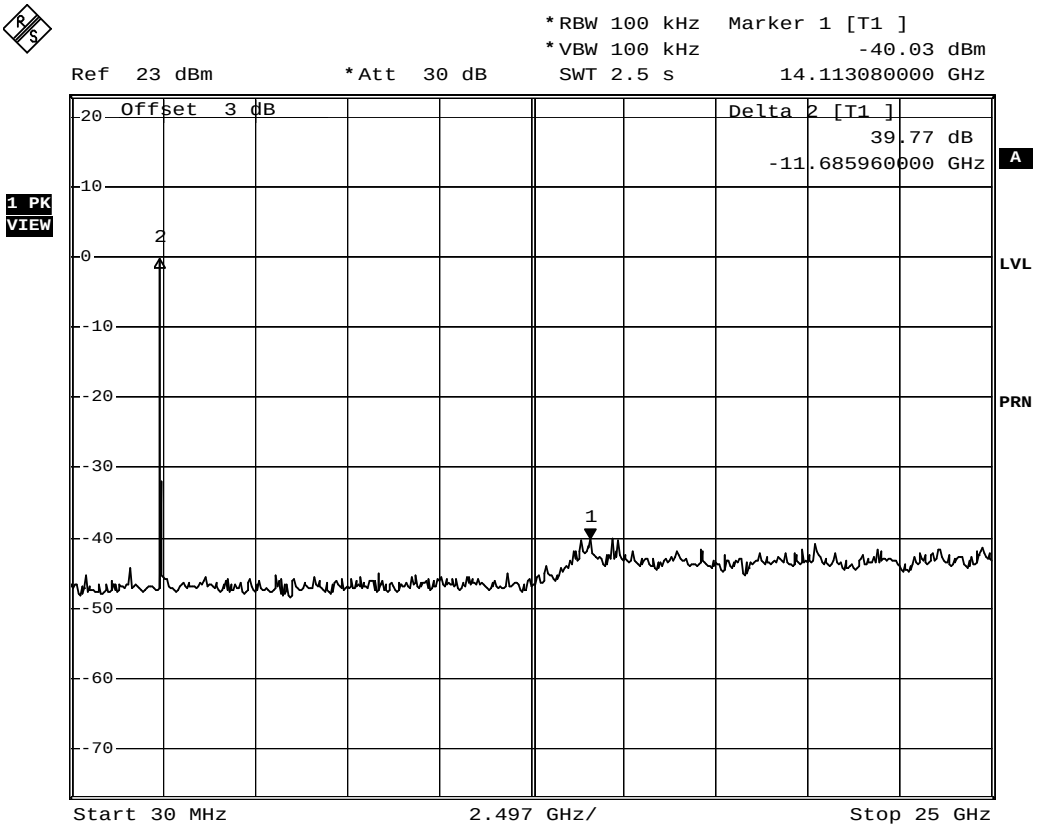


Date: 18.AUG.2010 23:23:55

2412MHz (30MHz~25GHz)-802.11n(20M)-ANT A

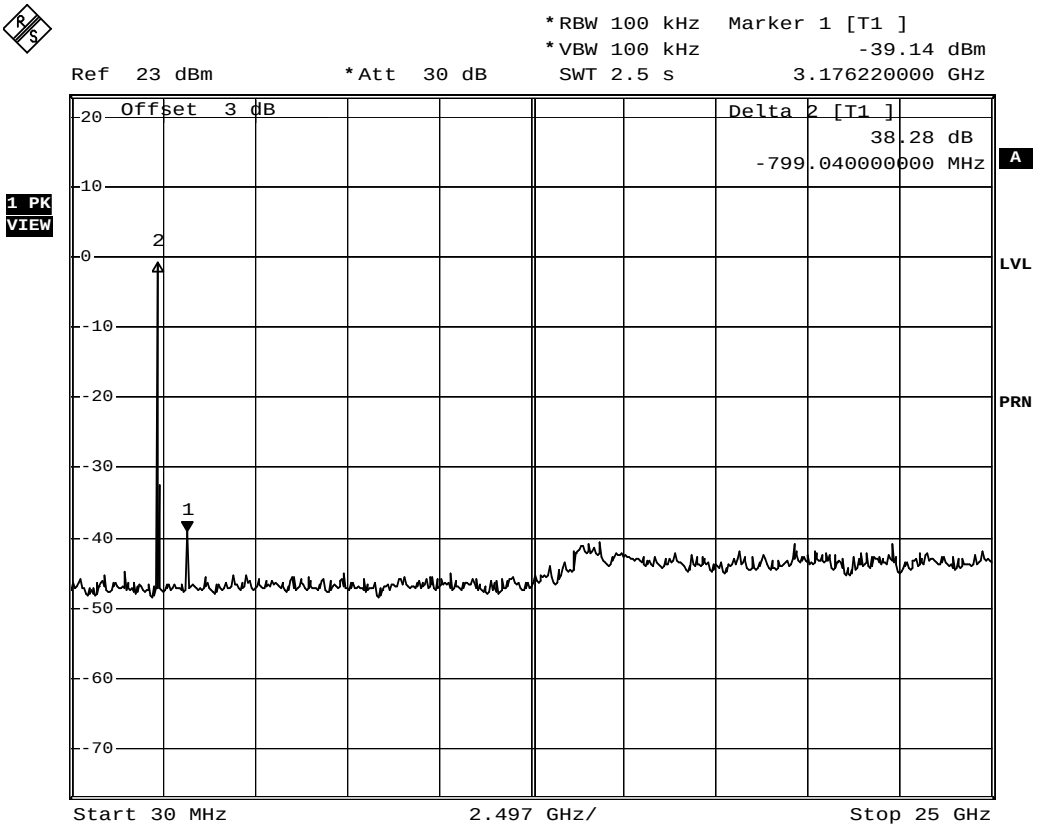


2462MHz (30MHz~25GHz)-802.11n(20M)-ANT A



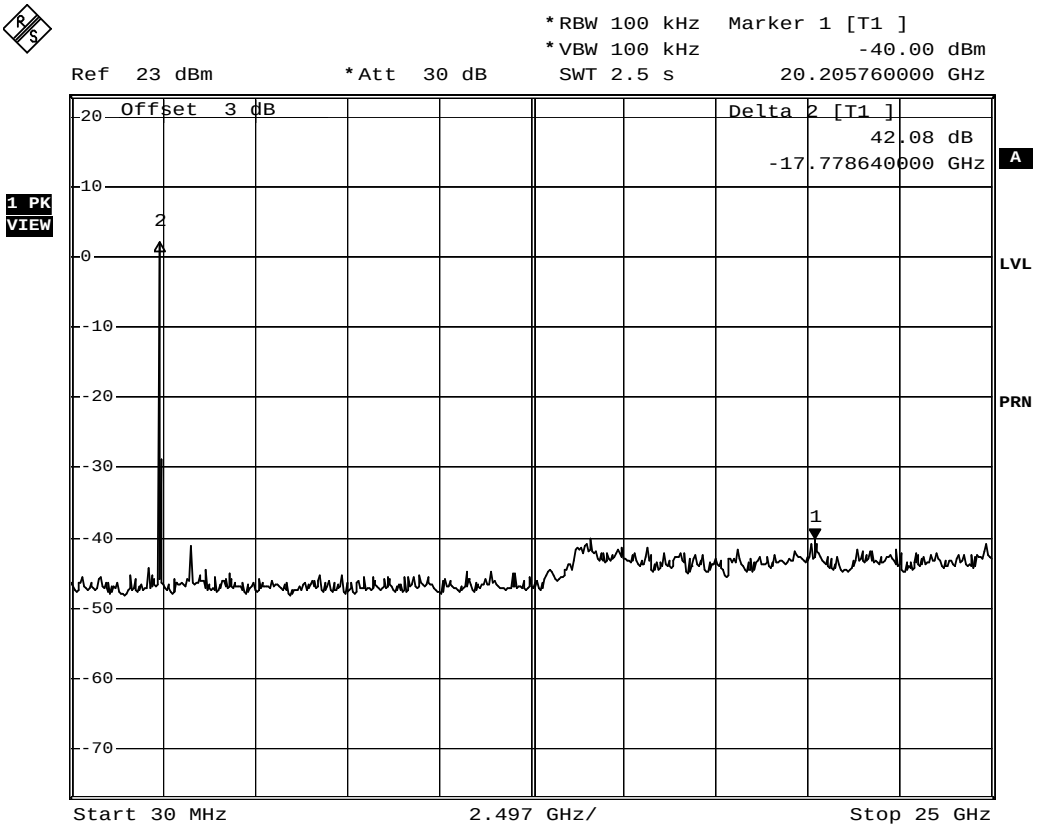
Date: 18.AUG.2010 23:26:53

2412MHz (30MHz~25GHz)-802.11n(20M)-ANT B

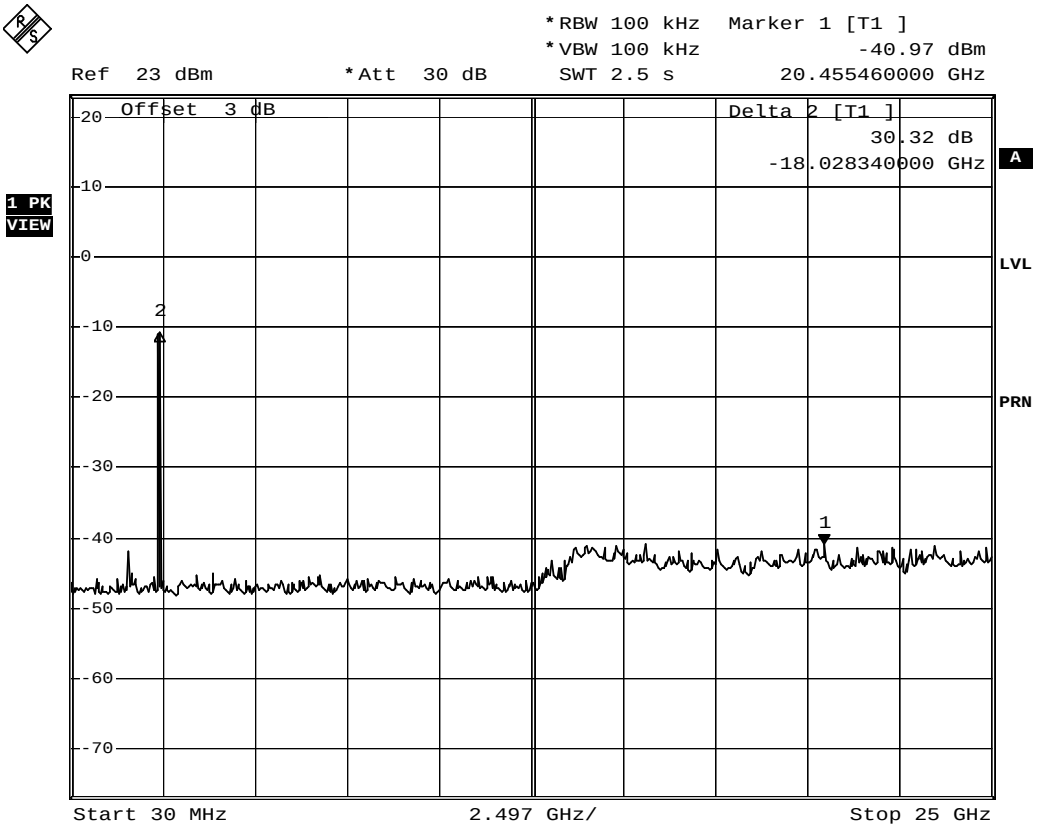


Date: 18.AUG.2010 23:34:53

2462MHz (30MHz~25GHz)-802.11n(20M)-ANT B

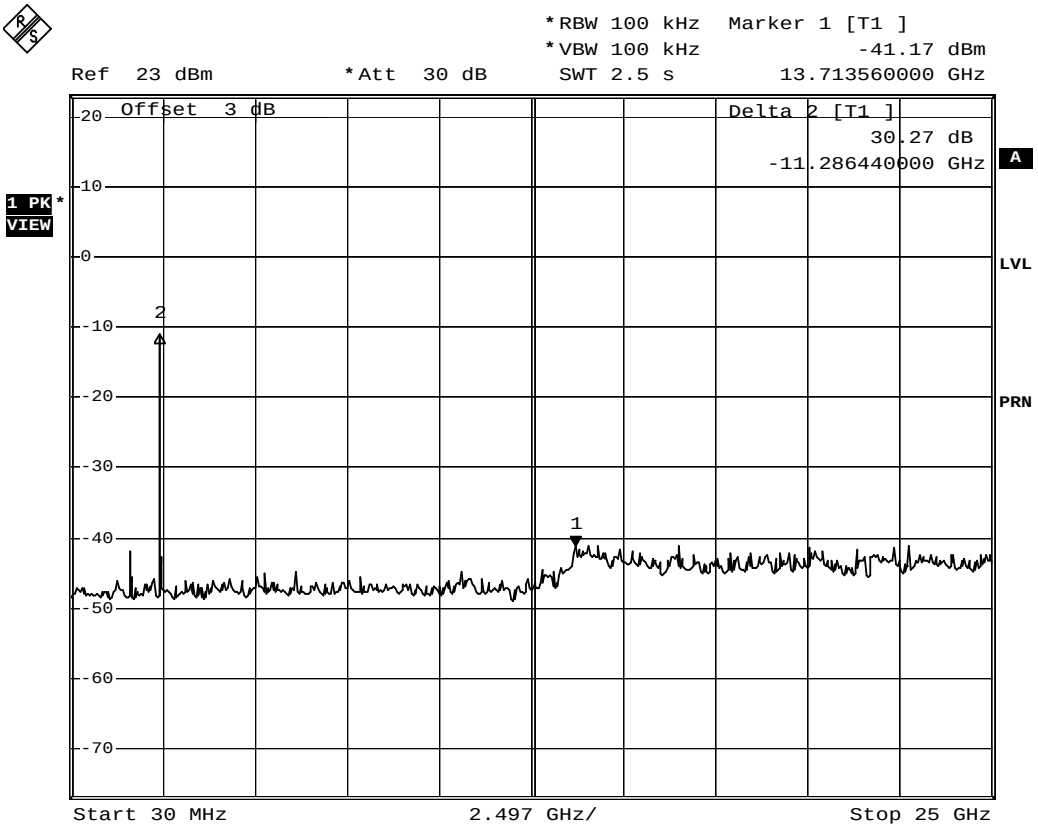


2422MHz (30MHz~25GHz)-802.11n(40M)-ANT A



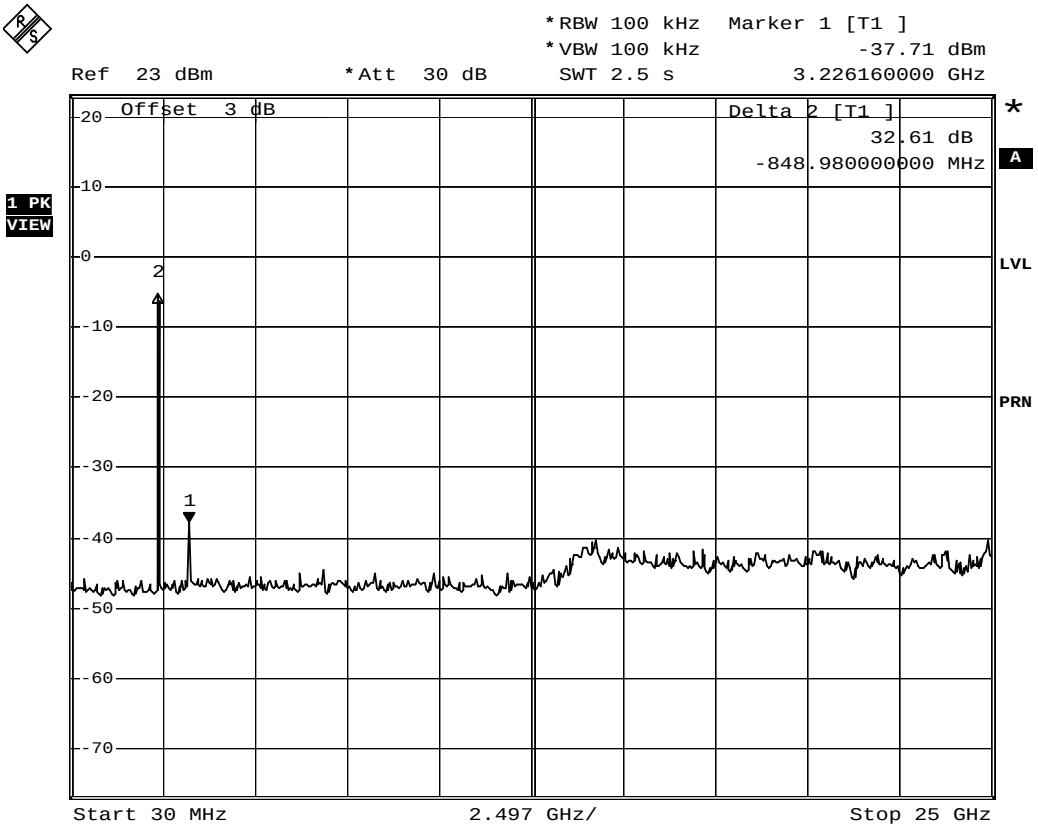
Date: 18.AUG.2010 23:28:07

2452MHz (30MHz~25GHz) -802.11n(40M)-ANT A



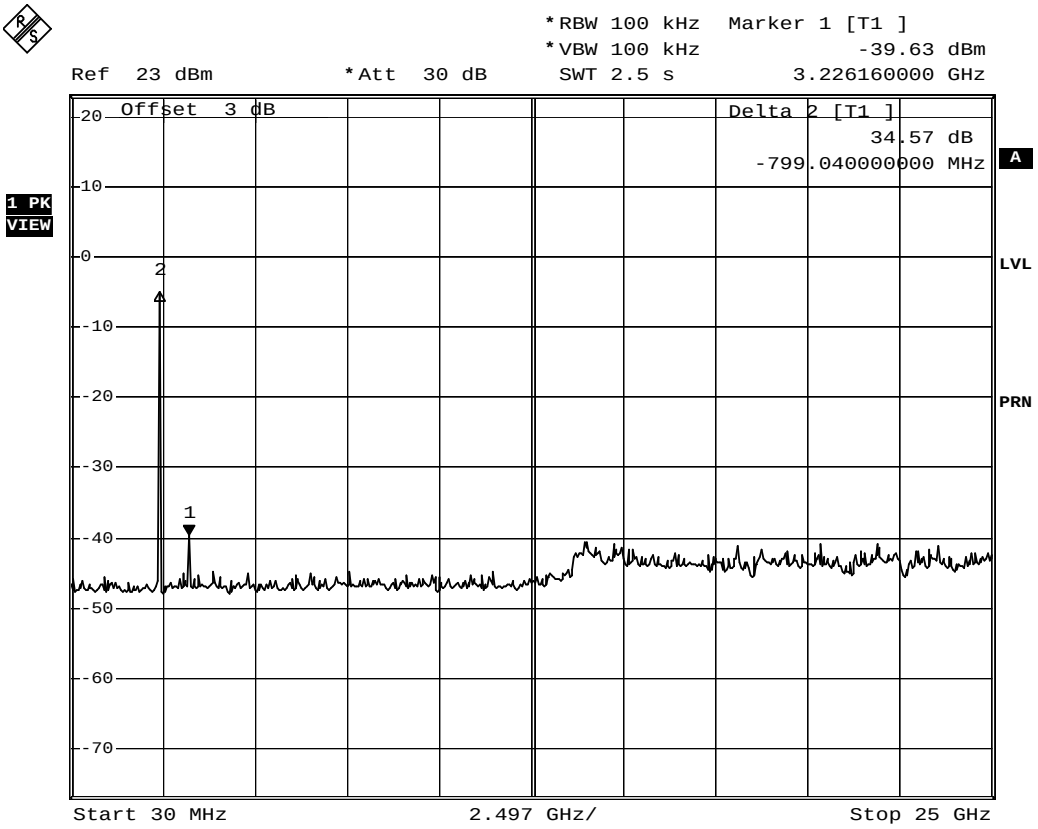
Date: 18.AUG.2010 23:31:10

2422MHz (30MHz~25GHz)-802.11n(40M)-ANT B



Date: 18.AUG.2010 23:36:58

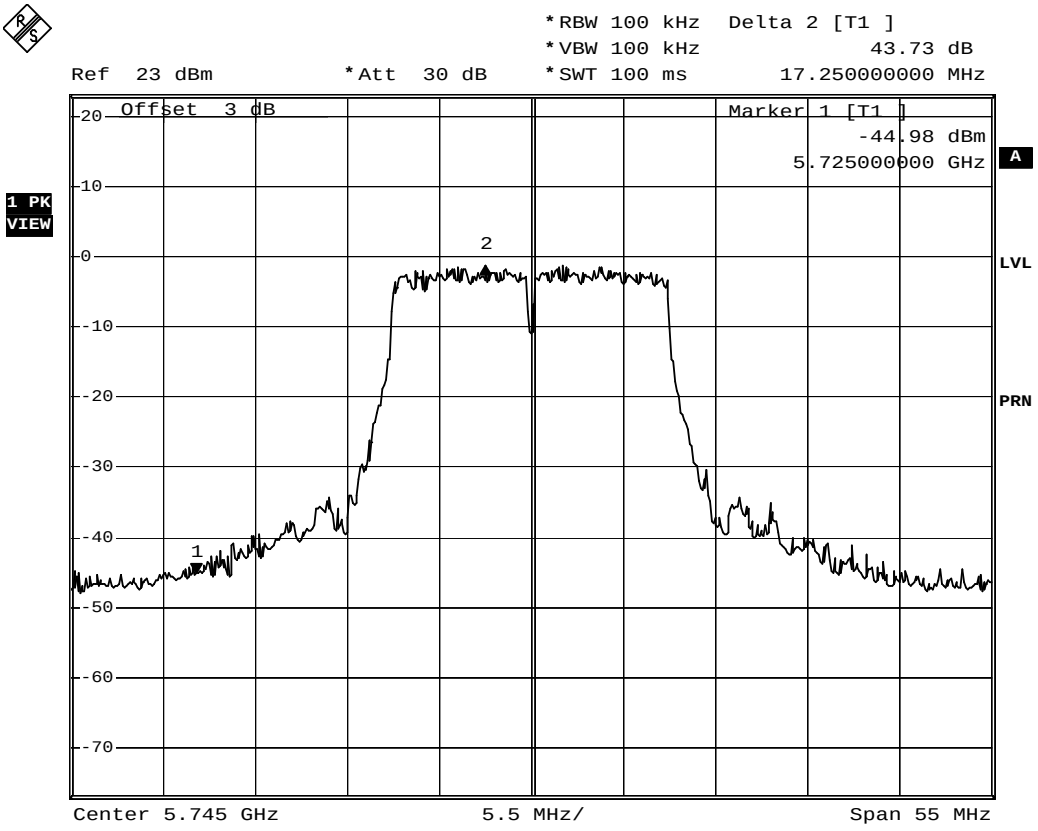
2452MHz (30MHz~25GHz)-802.11n(40M)-ANT B



Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

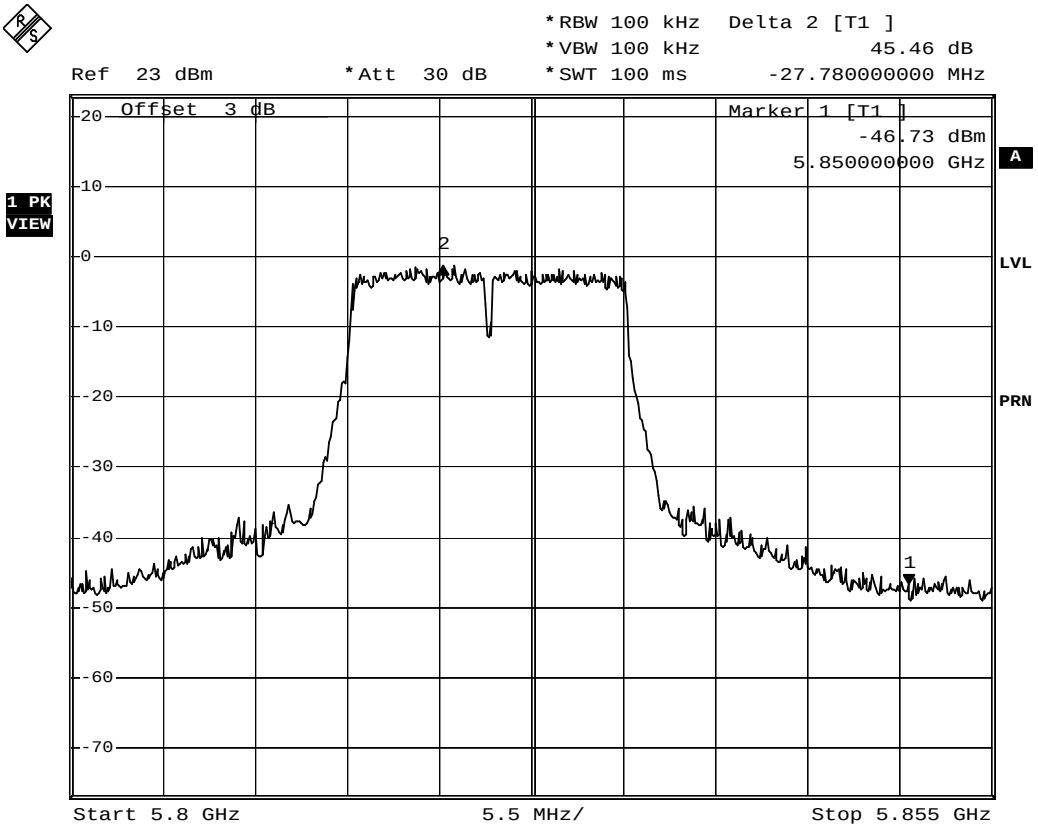
IEEE 802.11a, Antenna Gain: 5.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	43.73	≥20	Pass
165	5825	45.46	≥20	Pass

Channel 149 (5745MHz)



Date: 27.AUG.2010 18:08:34

Channel 165 (5825MHz)

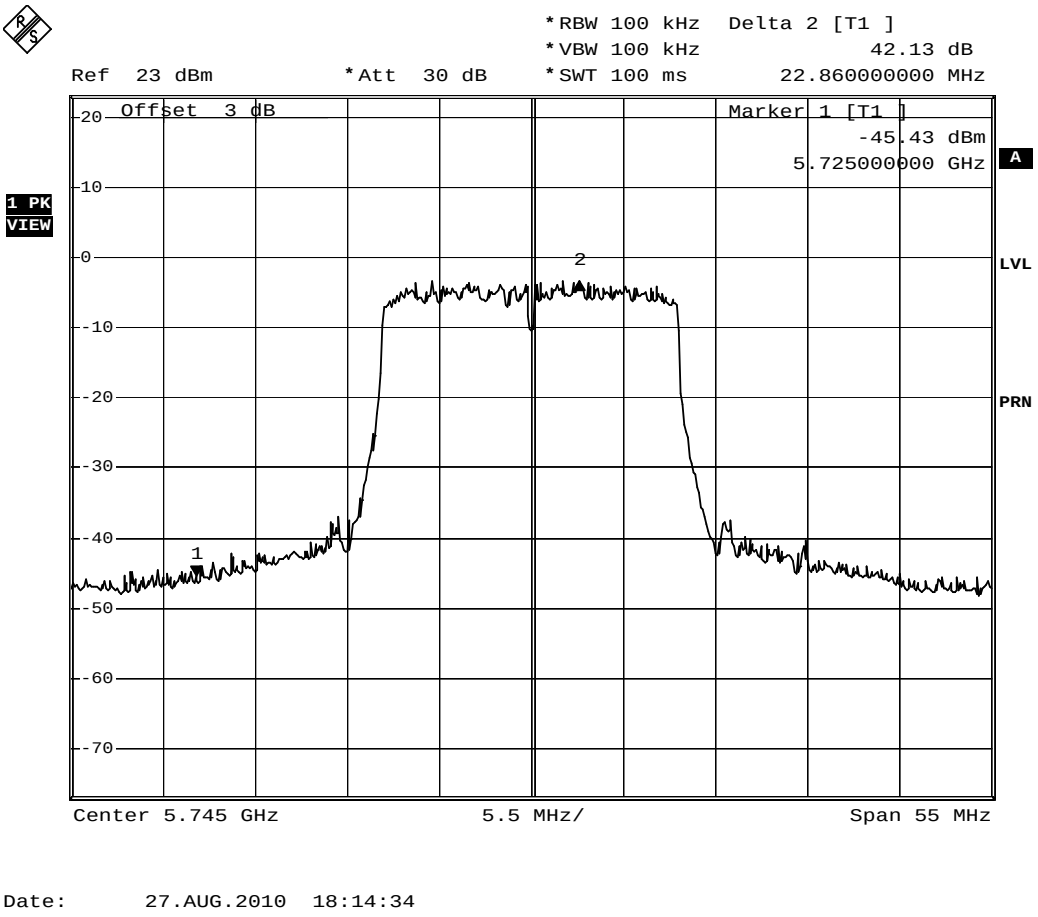


Date: 27.AUG.2010 18:02:58

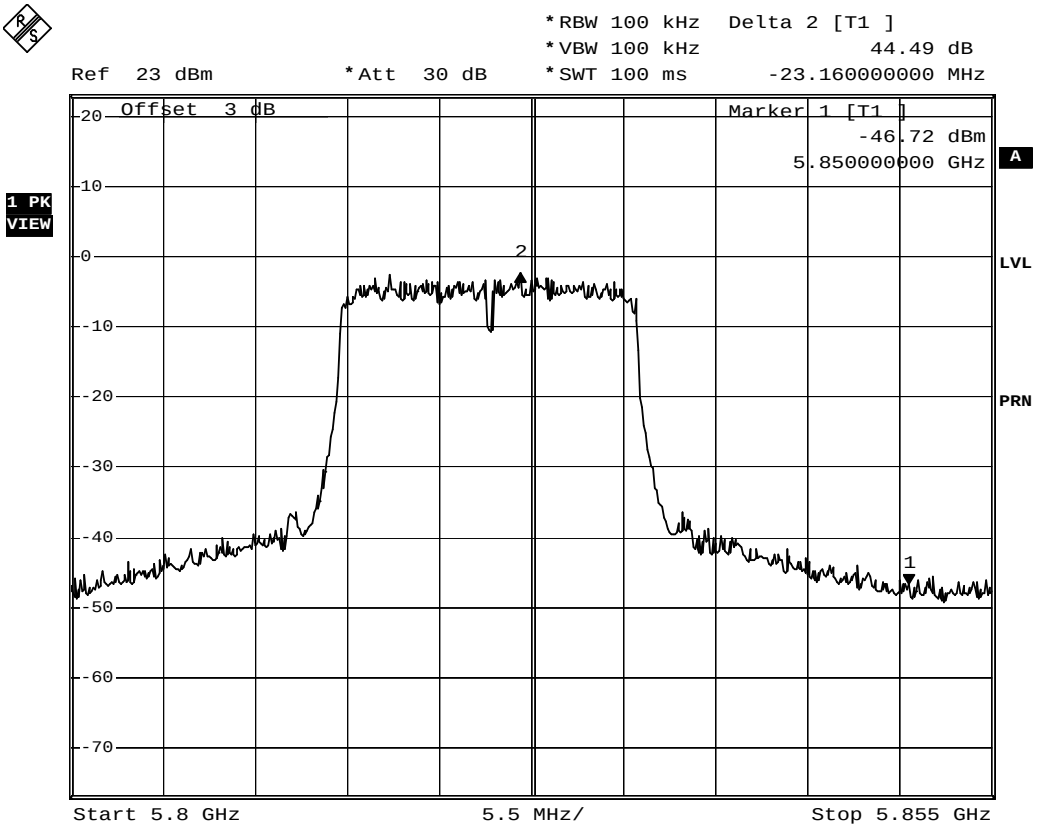
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz), (ANT A) Antenna Gain: 5.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	42.13	≧20	Pass
165	5825	44.49	≧20	Pass

Channel 149 (5745MHz)



Channel 165 (5825MHz)

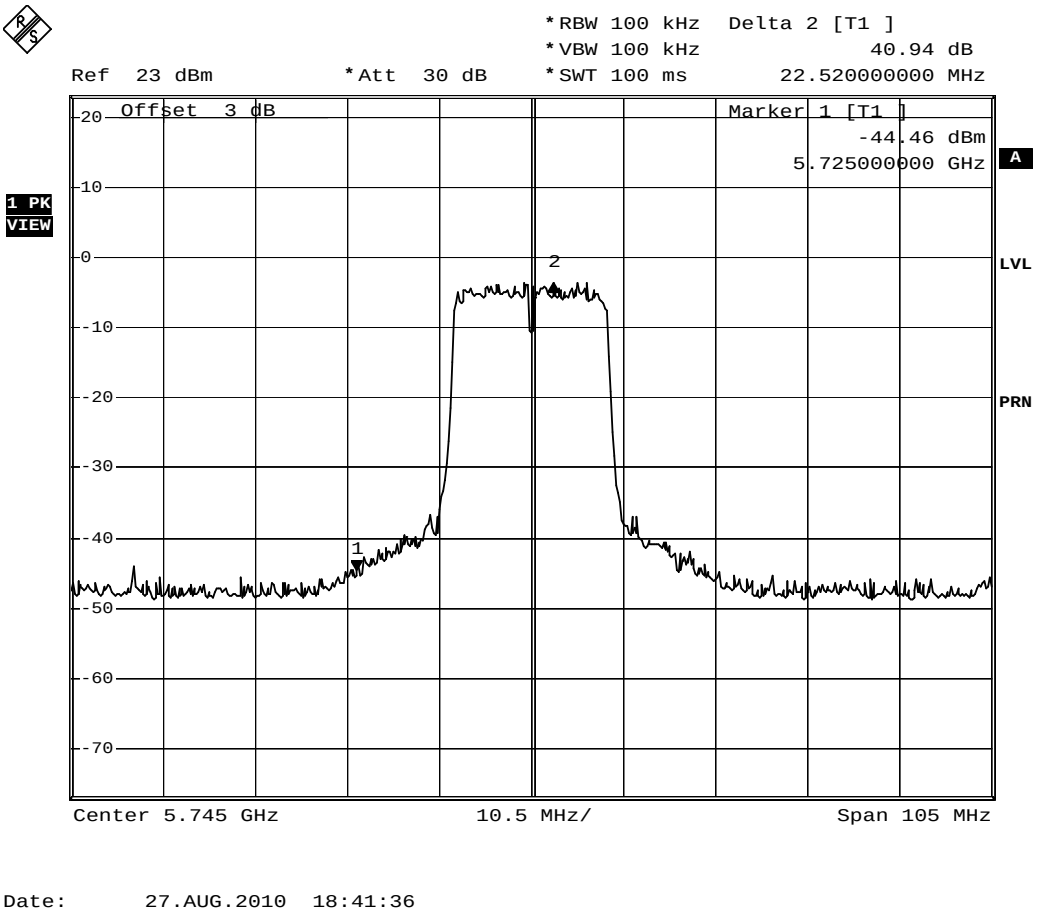


Date: 27.AUG.2010 18:24:31

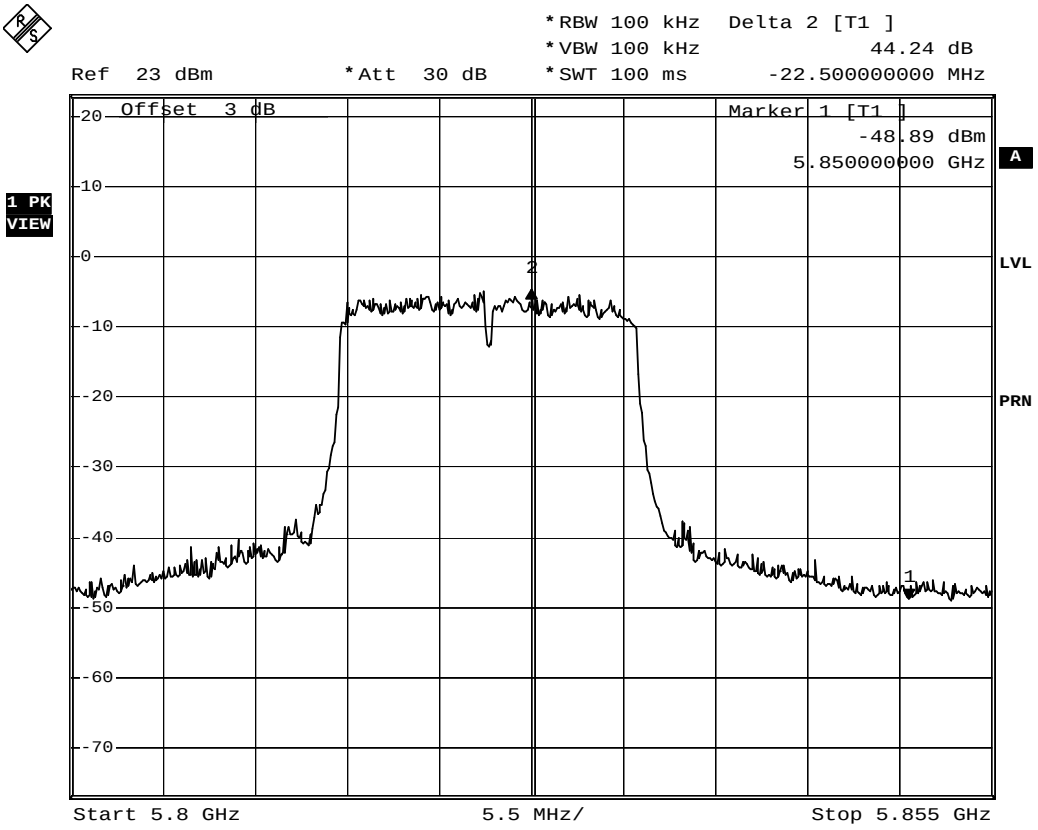
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz), (ANT B) Antenna Gain: 3.8dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	40.94	≧20	Pass
165	5825	44.24	≧20	Pass

Channel 149 (5745MHz)



Channel 165 (5825MHz)

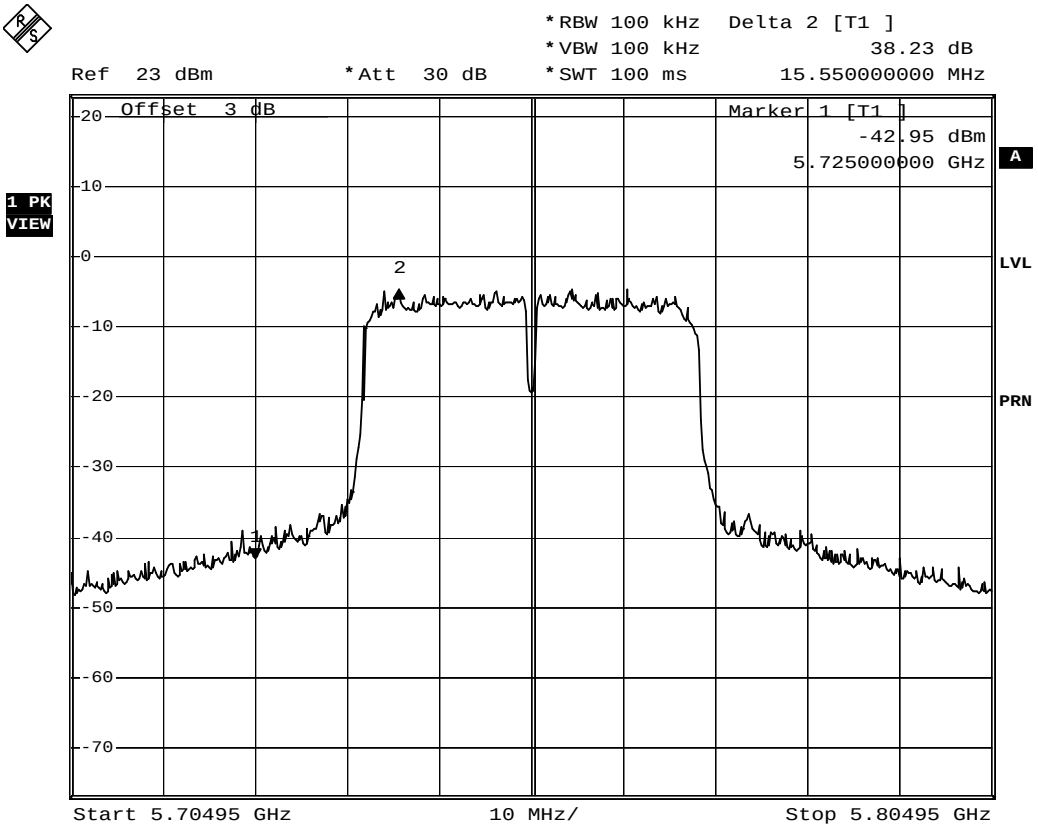


Date: 27.AUG.2010 18:45:46

Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

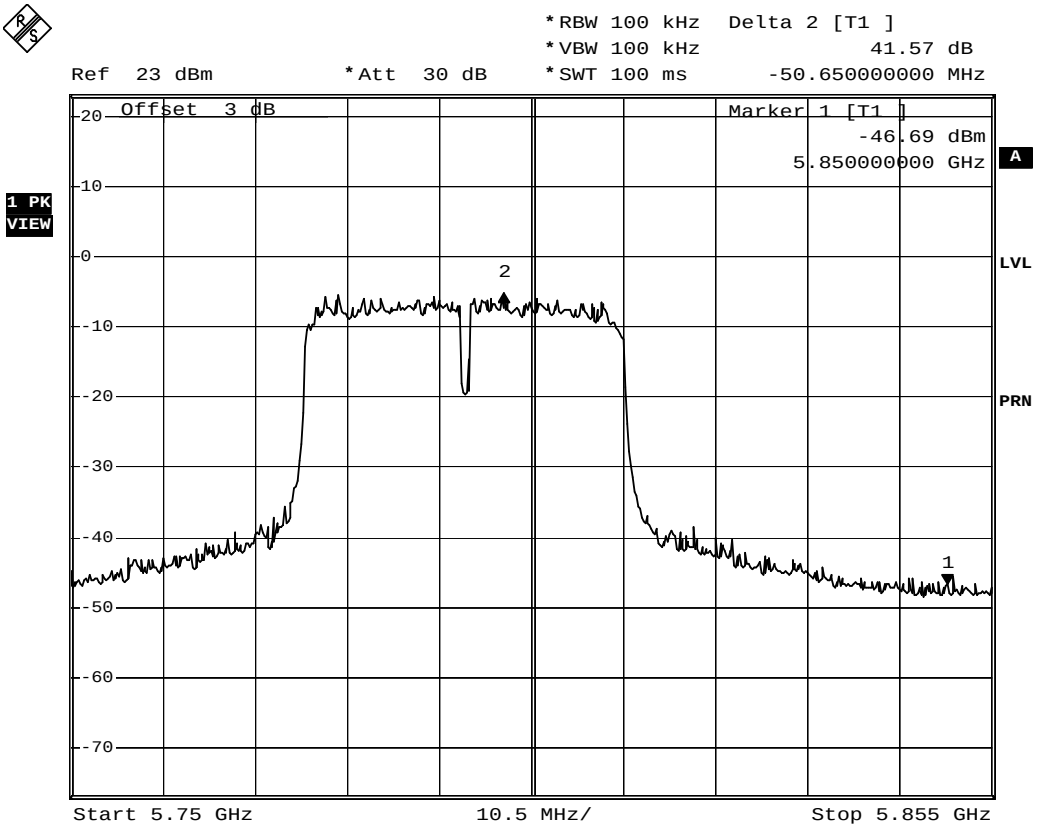
IEEE 802.11n (40MHz), (ANT A) Antenna Gain: 5.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	38.23	≧20	Pass
159	5795	41.57	≧20	Pass

Channel 151 (5755MHz)



Date: 27.AUG.2010 18:27:12

Channel 159 (5795MHz)

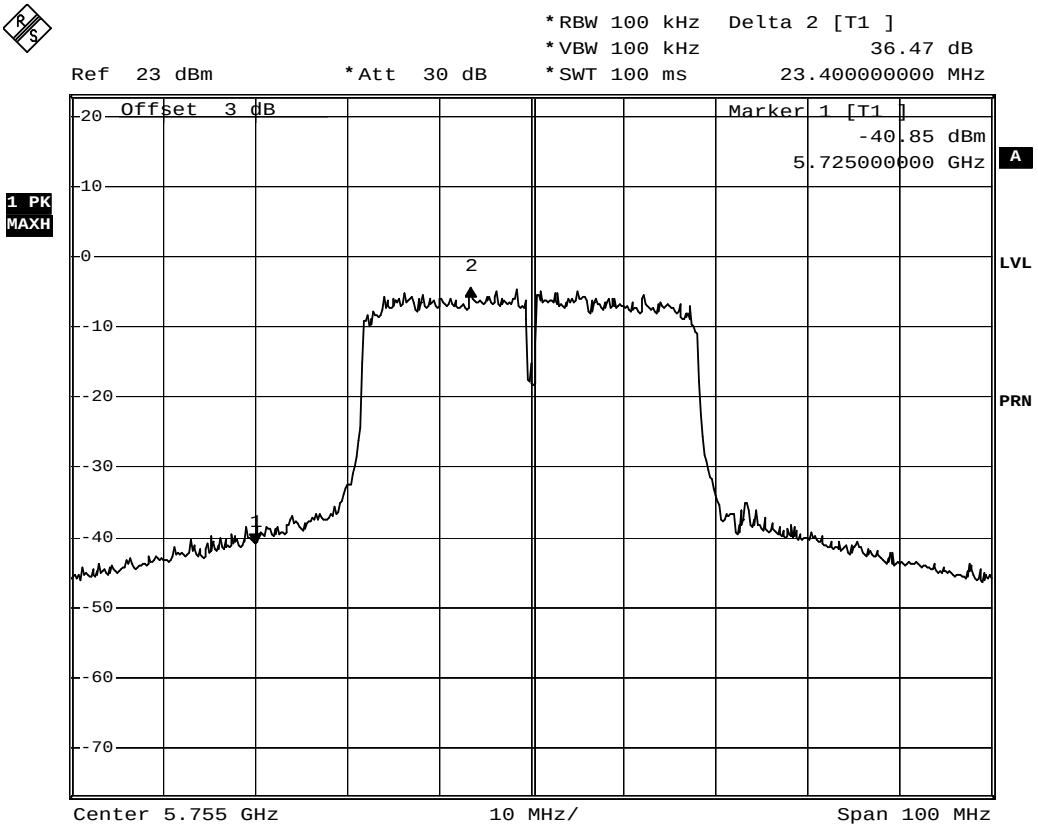


Date: 27.AUG.2010 18:32:12

Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

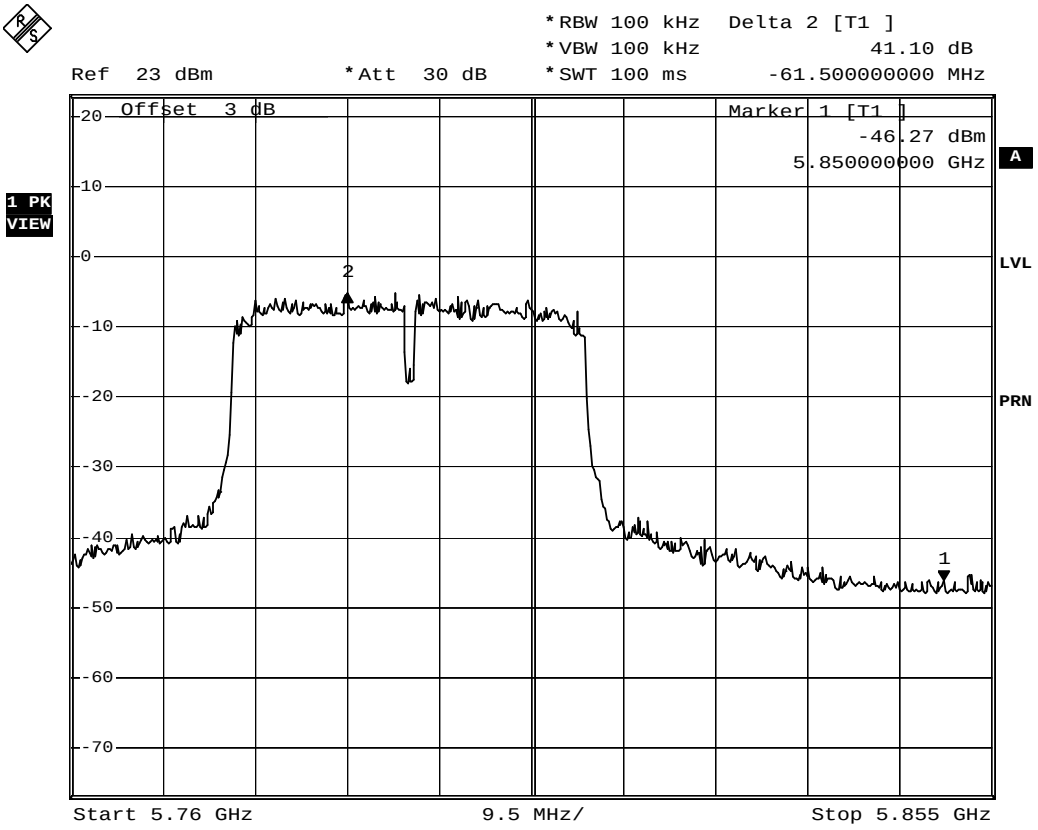
IEEE 802.11n (40MHz), (ANT B) Antenna Gain: 5.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	36.47	≧20	Pass
159	5795	41.10	≧20	Pass

Channel 151 (5755MHz)



Date: 27.AUG.2010 18:48:43

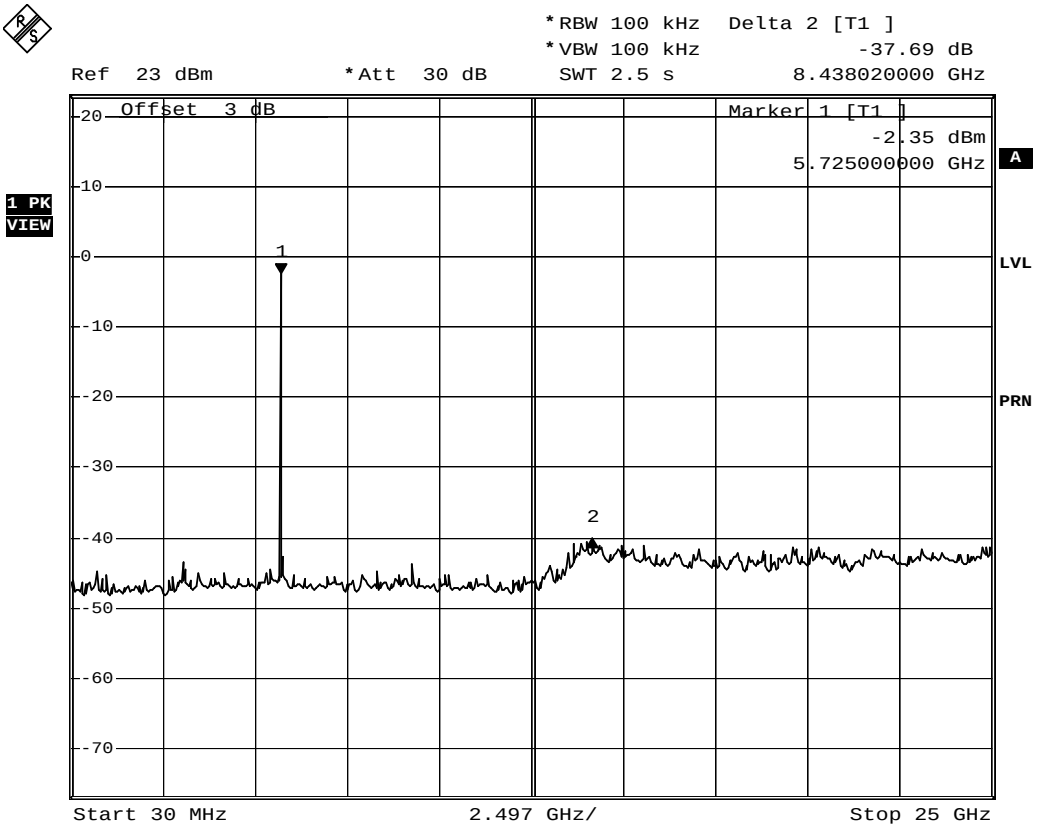
Channel 159 (5795MHz)



Date: 27.AUG.2010 18:50:06

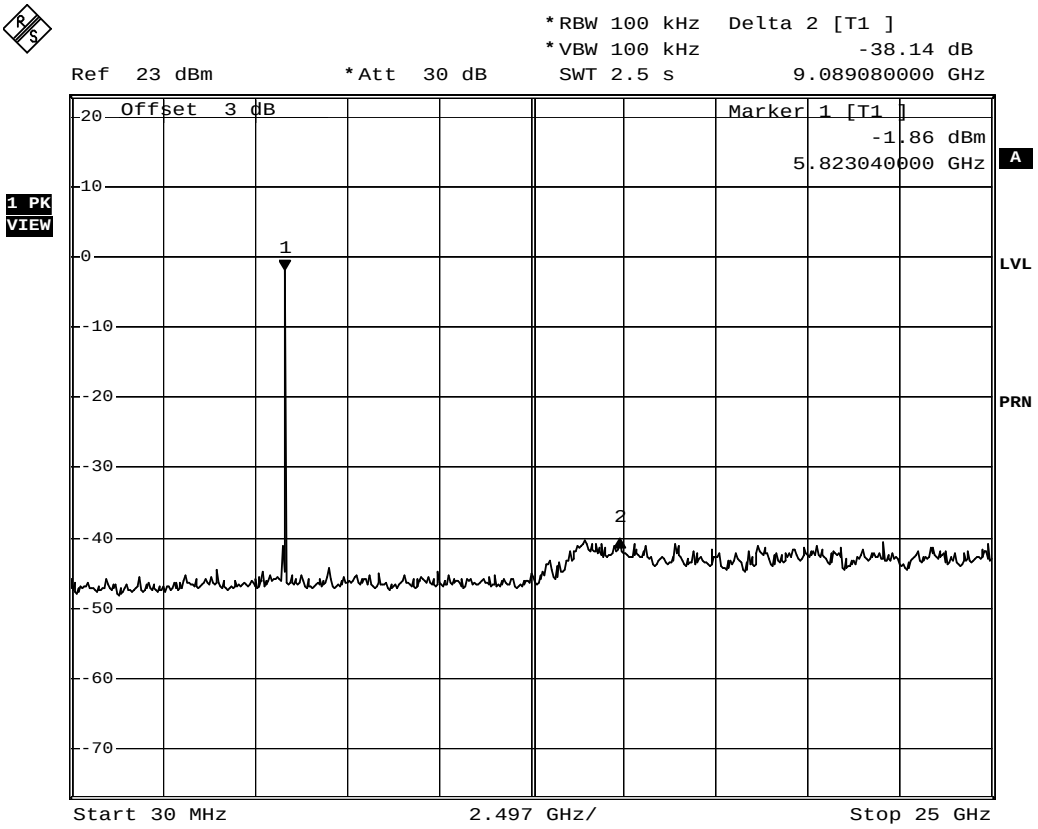
Product	Dual-band Gigabit Wireless-N Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

5745MHz (30MHz~25GHz)_802.11a



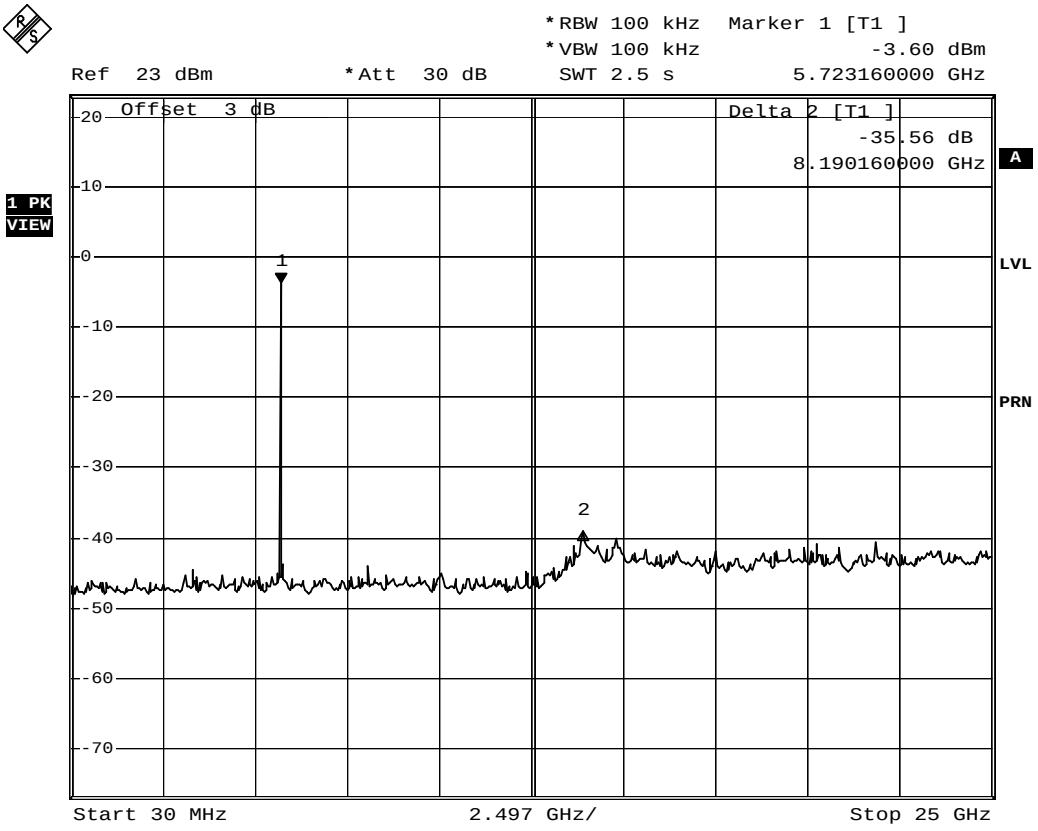
Date: 27.AUG.2010 17:30:57

5825MHz (30MHz~25GHz)_802.11a



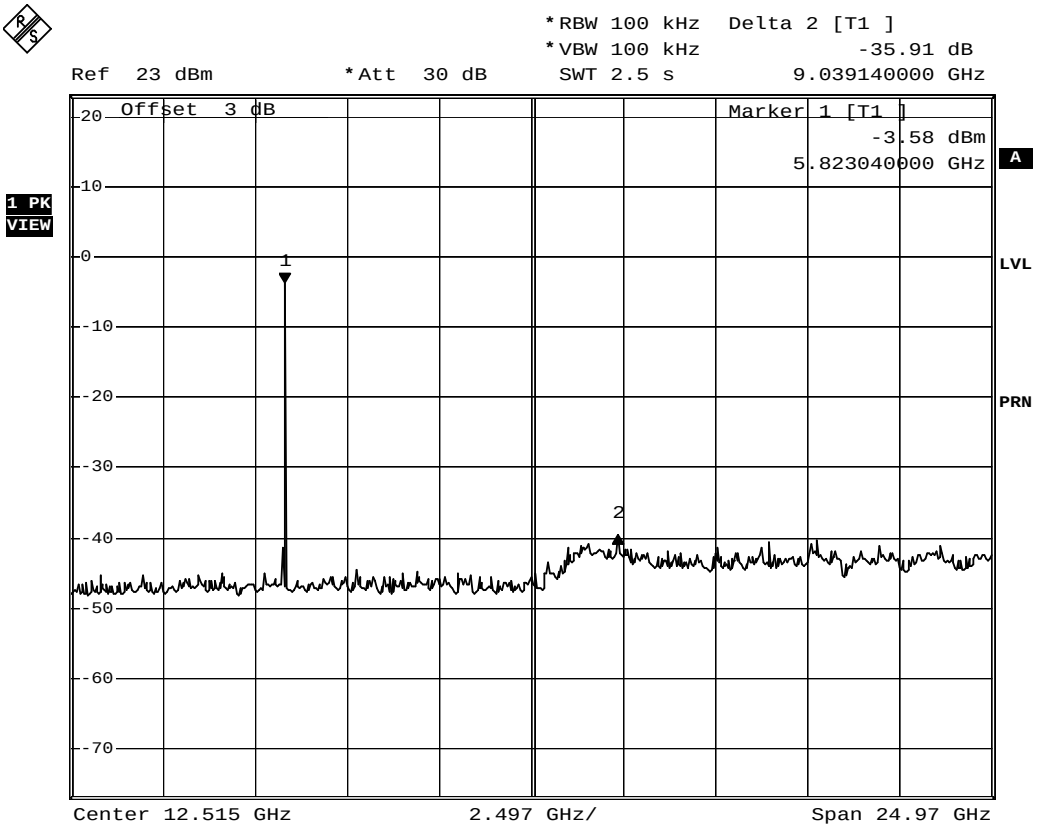
Date: 27.AUG.2010 17:32:57

5745MHz (30MHz~25GHz)-802.11n(20M)-ANT A



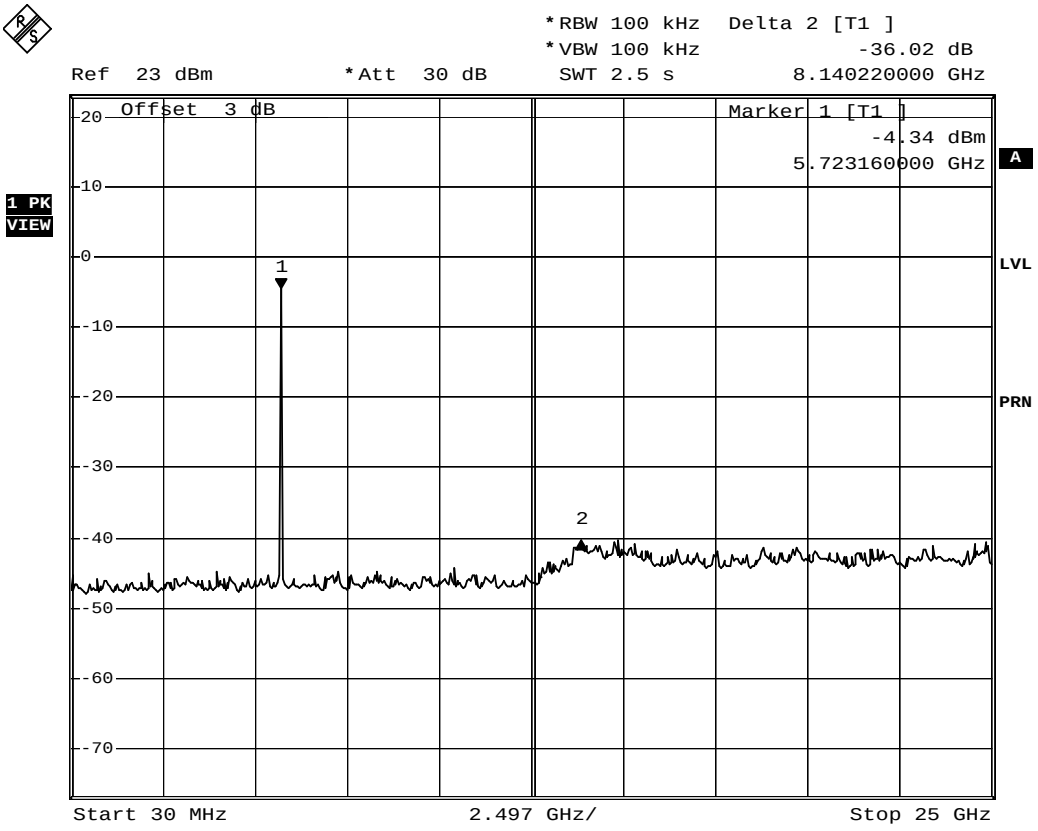
Date: 27.AUG.2010 18:15:29

5825MHz (30MHz~25GHz)-802.11n(20M)-ANT A



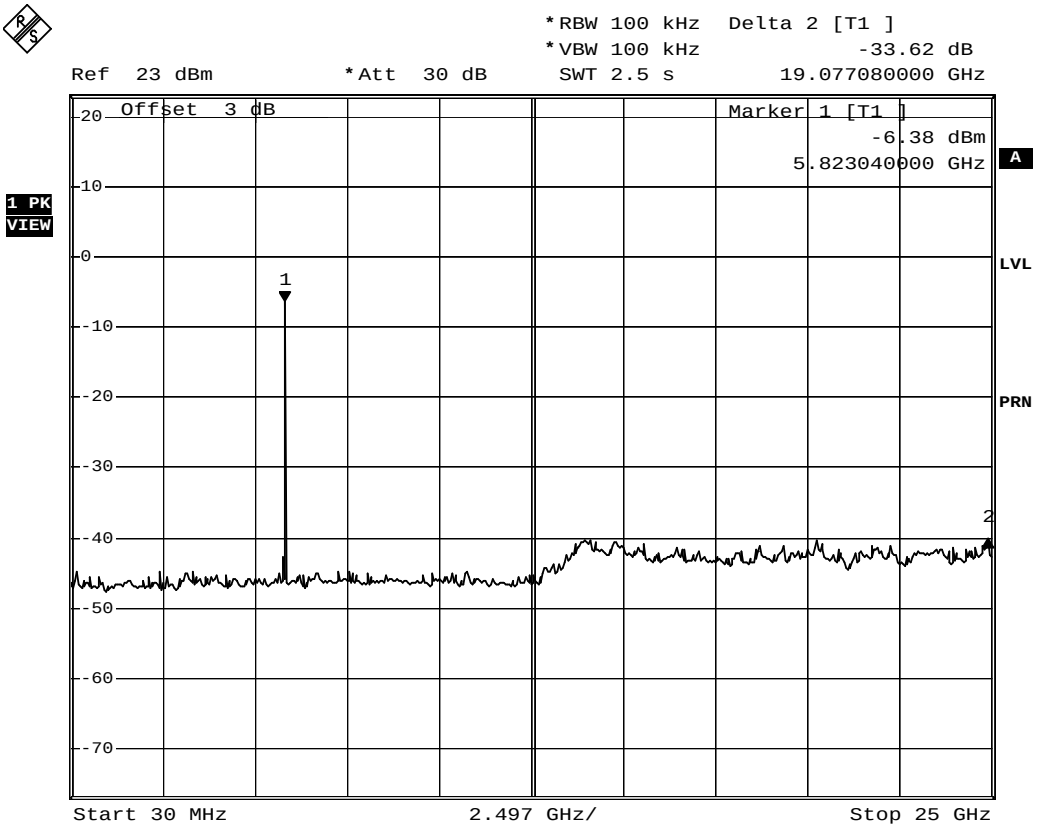
Date: 27.AUG.2010 18:16:47

5745MHz (30MHz~25GHz)-802.11n(20M)-ANT B



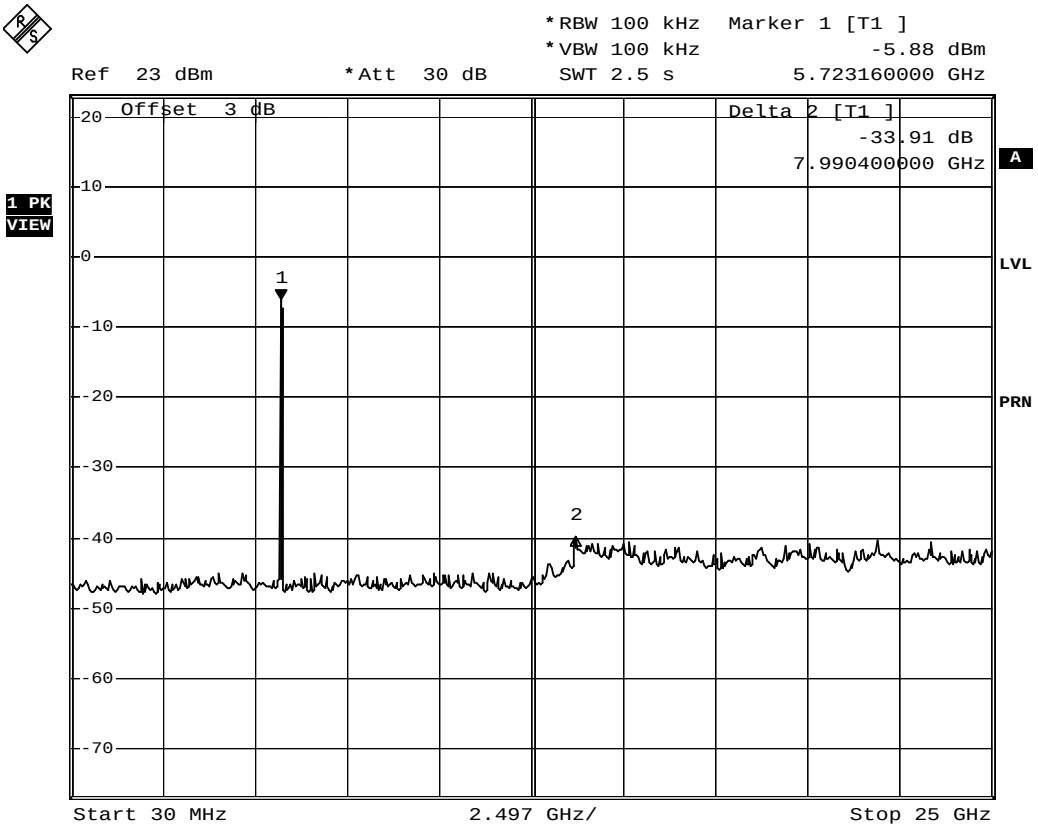
Date: 27.AUG.2010 18:42:43

5825MHz (30MHz~25GHz)-802.11n(20M)-ANT B



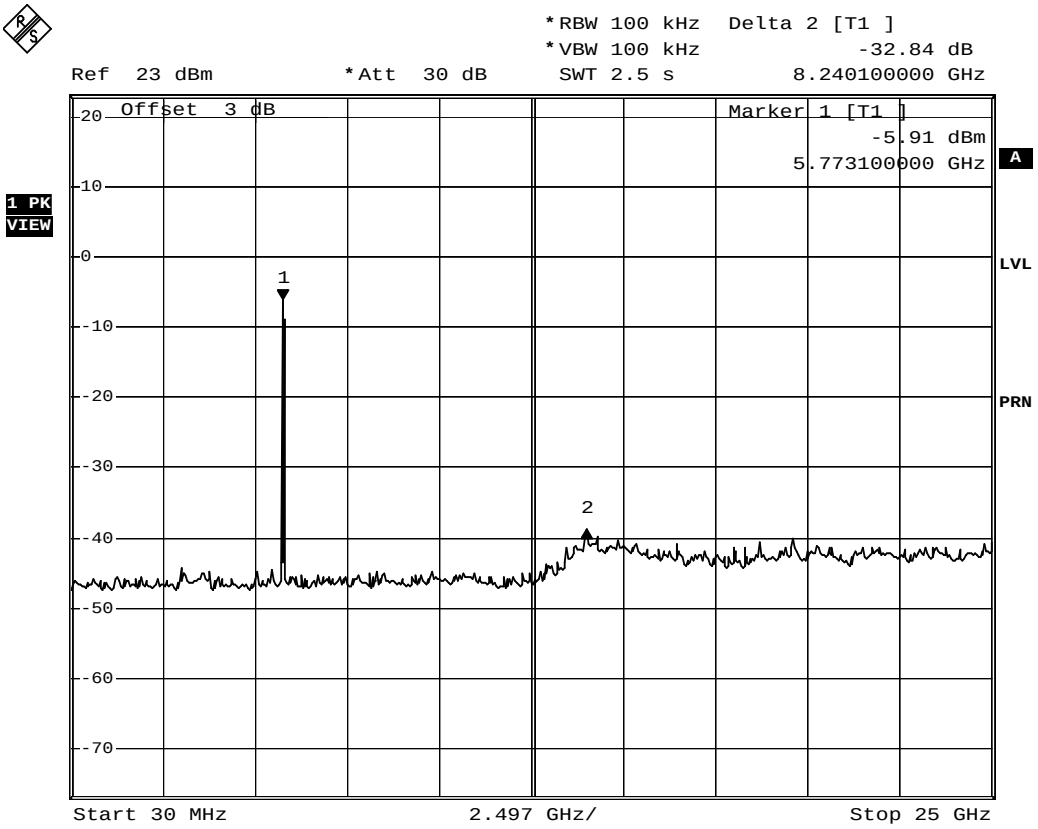
Date: 27.AUG.2010 18:44:20

5755MHz (30MHz~25GHz)-802.11n(40M)-ANT A



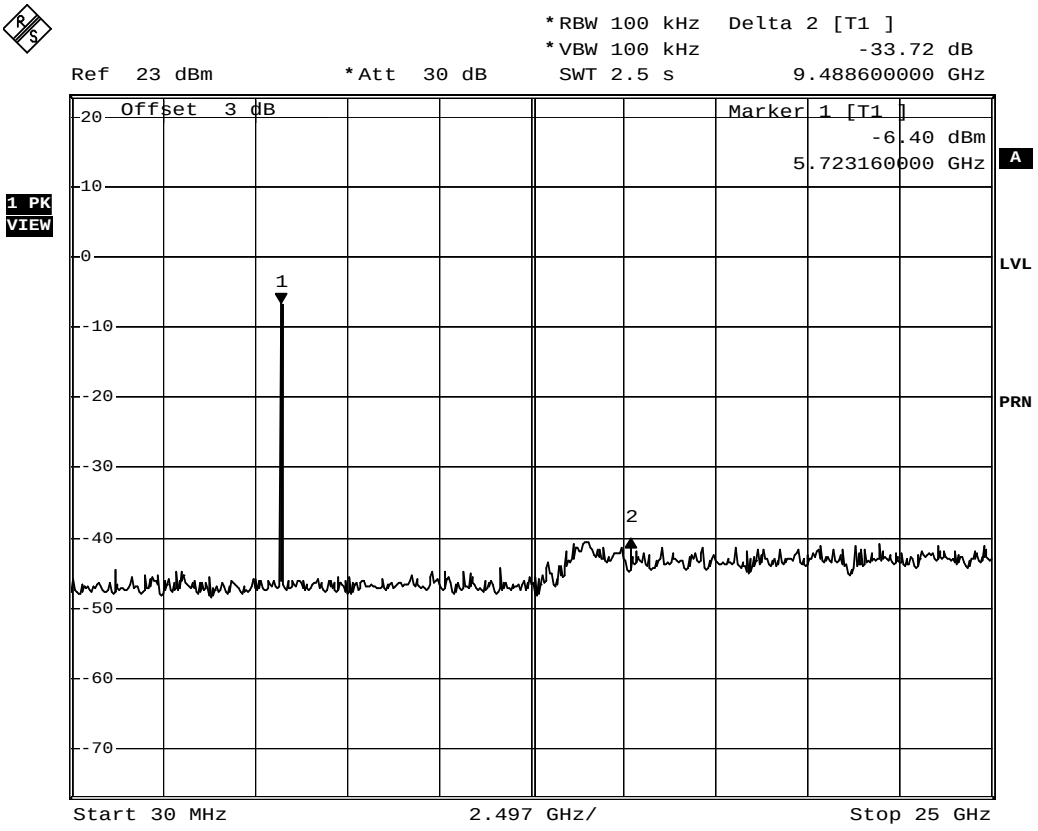
Date: 27.AUG.2010 18:28:13

5795MHz (30MHz~25GHz))-802.11n(40M)-ANT A



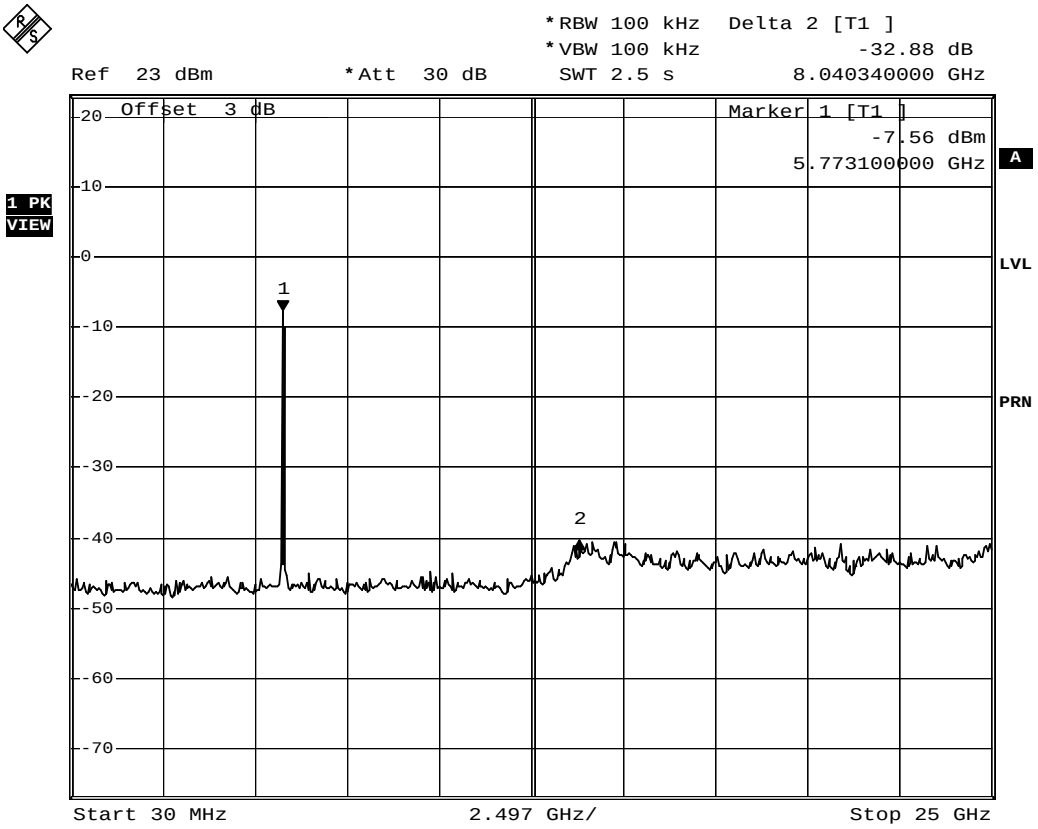
Date: 27.AUG.2010 18:30:16

5755MHz (30MHz~25GHz)-802.11n(40M)-ANT B



Date: 27.AUG.2010 18:55:12

5795MHz (30MHz~25GHz)-802.11n(40M)-ANT B



Date: 27.AUG.2010 18:50:54

6. Radiated Emission Band Edge

6.1. Test Equipment

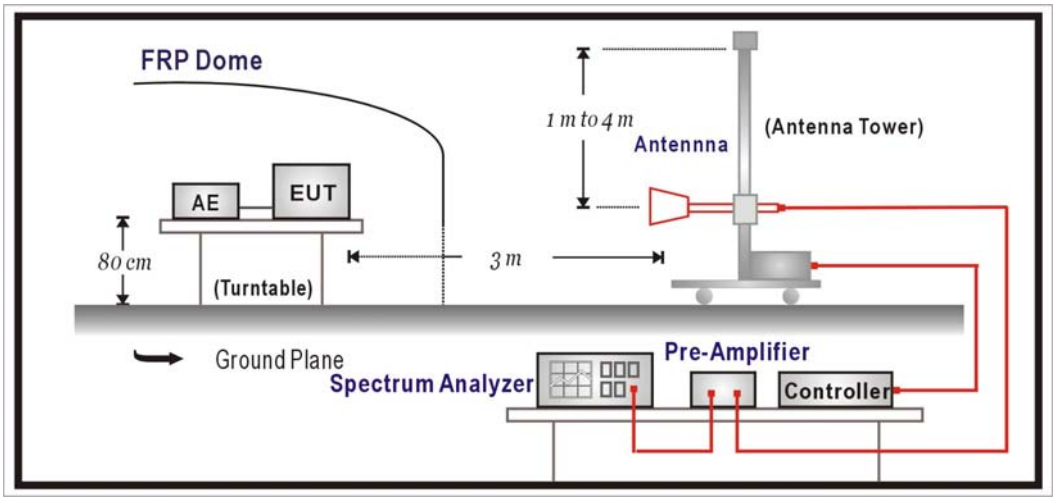
The following test equipments are used during the test:

Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Horn Antenna	Schwarzback	BBHA 9120D	743	2011/03/14
Spectrum Analyzer	Agilent	E4440A	MY46187335	2011/01/14
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2011/04/07

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

6.2. Test Setup



6.3. Limits

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

6.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
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: 2009 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

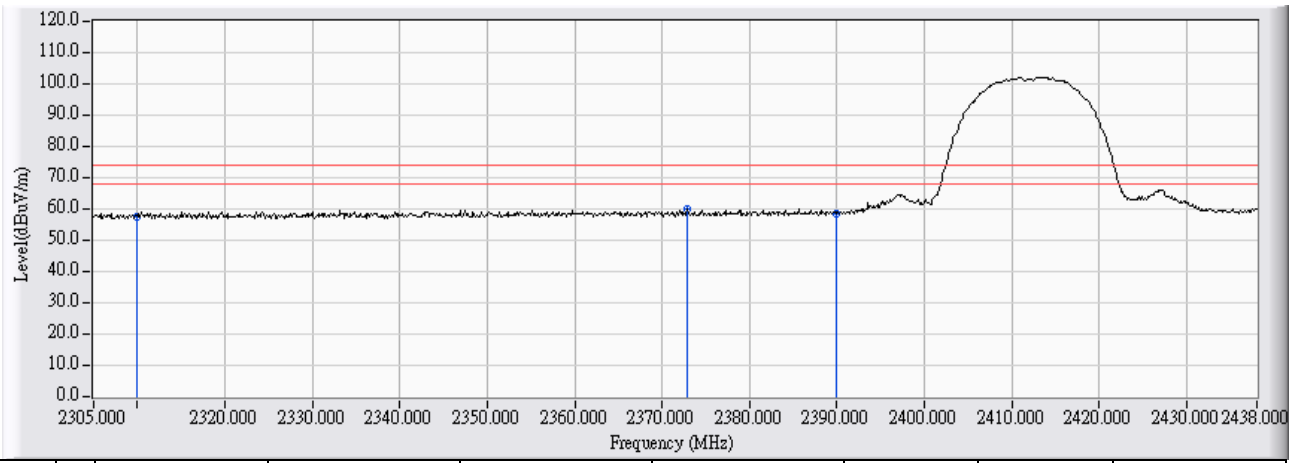
6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : CB1	**Time : 2010/08/19 - 10:06**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz-802.11b**

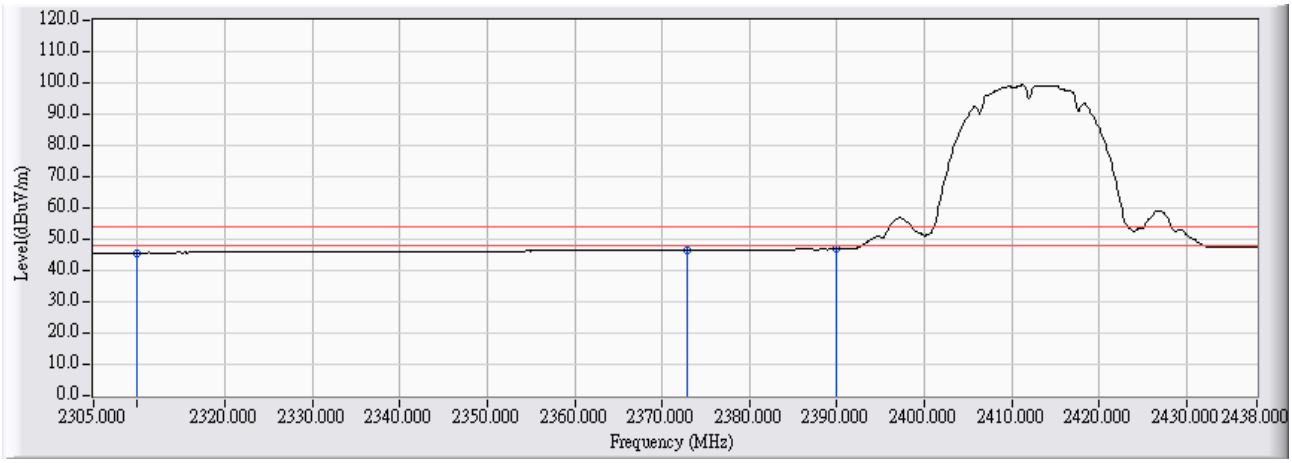


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	29.087	57.744	-16.256	74.000	PEAK
2	*	2372.830	28.953	31.041	59.993	-14.007	74.000	PEAK
3		2390.000	29.036	29.655	58.691	-15.309	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:06**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11b**

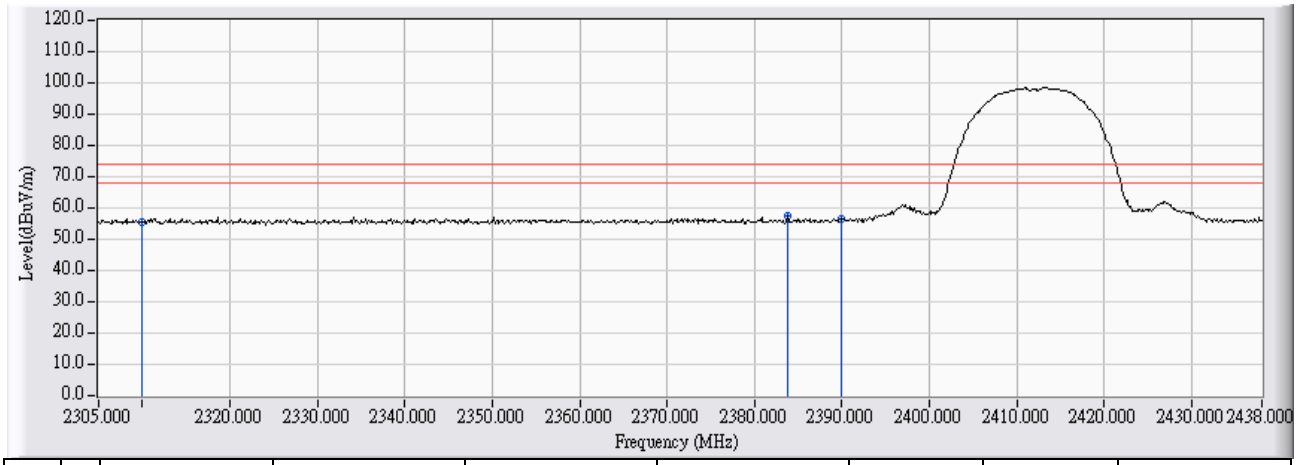


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	17.056	45.713	-8.287	54.000	AVERAGE
2		2372.830	28.953	17.487	46.439	-7.561	54.000	AVERAGE
3	*	2390.000	29.036	17.777	46.813	-7.187	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11b**

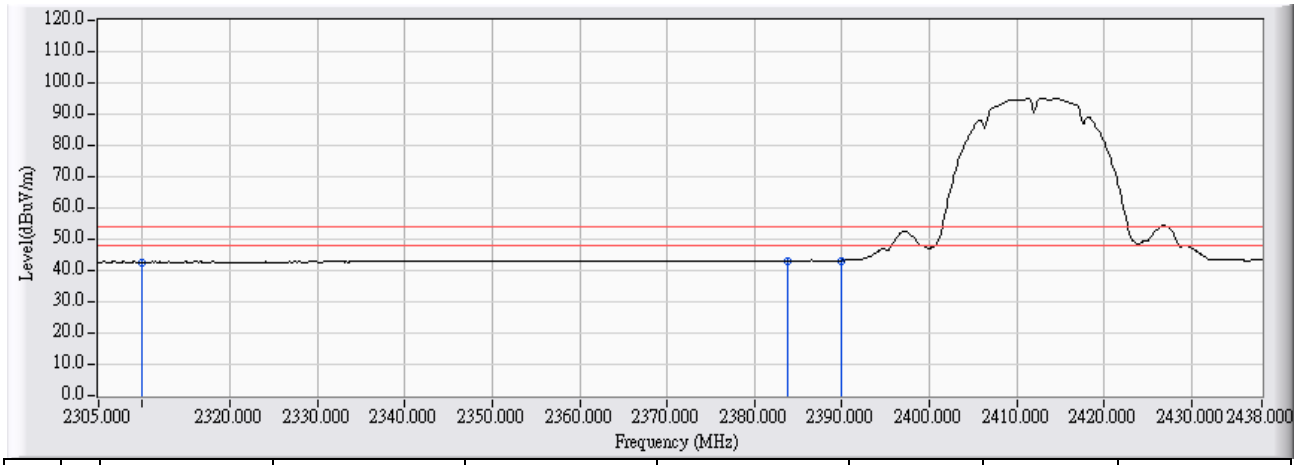


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	29.747	55.484	-18.516	74.000	PEAK
2	*	2383.736	25.490	32.082	57.572	-16.428	74.000	PEAK
3		2390.000	25.470	31.112	56.582	-17.418	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:51**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2441 MHz 2-802.11b**

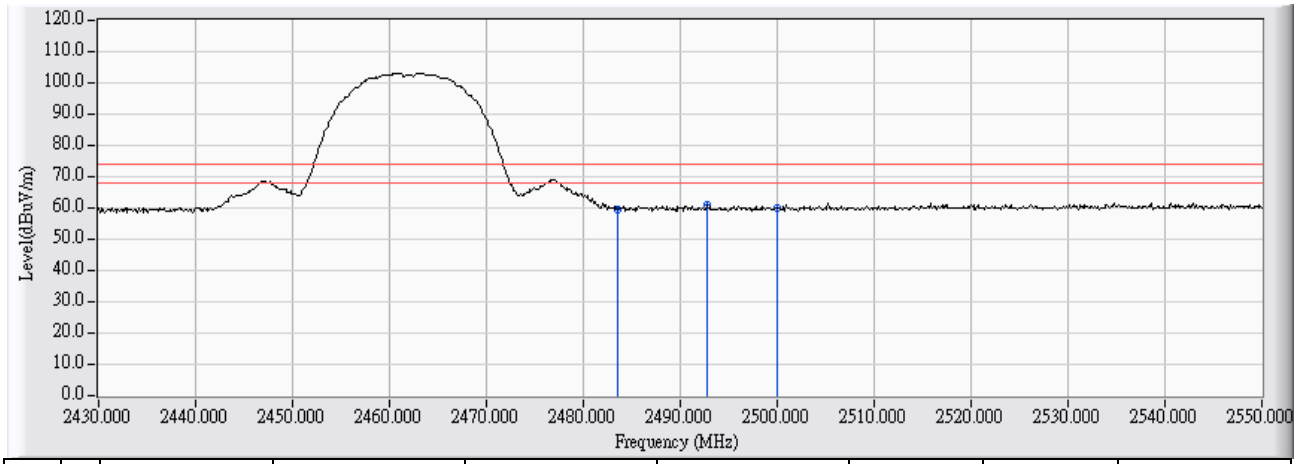


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	16.987	42.724	-11.276	54.000	AVERAGE
2		2383.736	25.490	17.502	42.992	-11.008	54.000	AVERAGE
3	*	2390.000	25.470	17.772	43.242	-10.758	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:59**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11b**

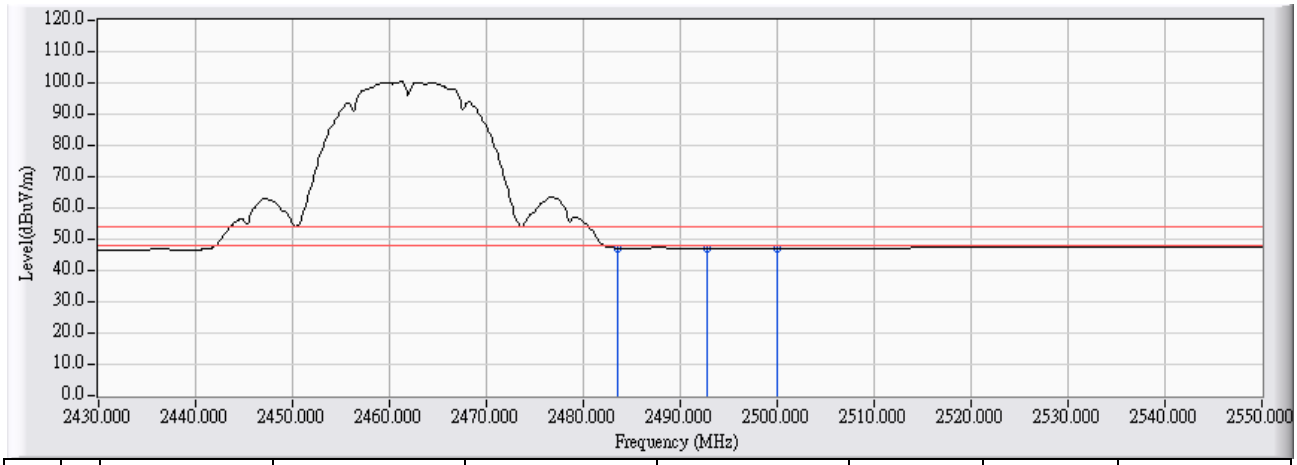


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	30.039	59.519	-14.481	74.000	PEAK
2	*	2492.760	29.525	31.570	61.095	-12.905	74.000	PEAK
3		2500.000	29.557	30.346	59.904	-14.096	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11b**

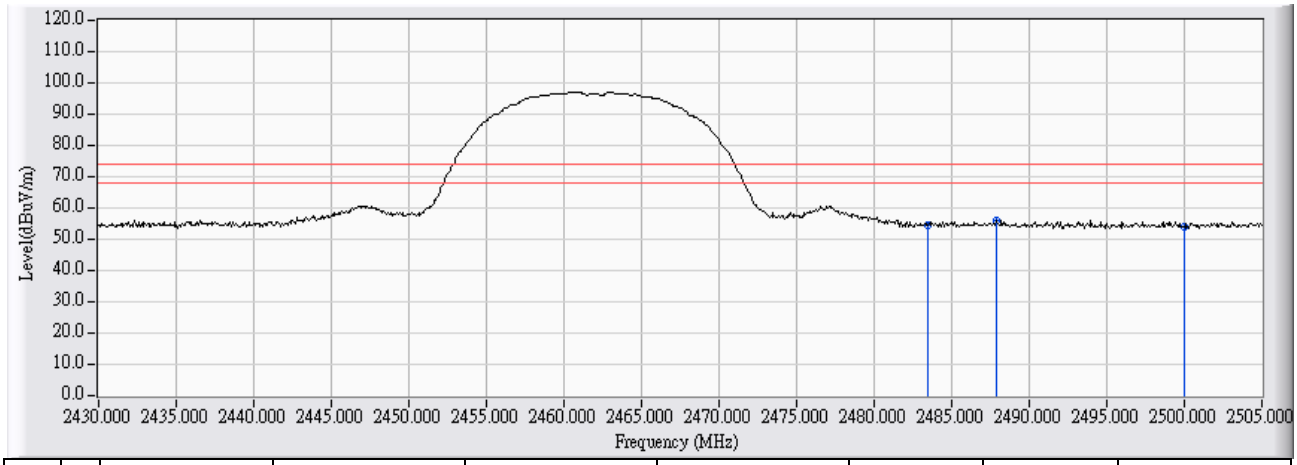


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	17.678	47.158	-6.842	54.000	AVERAGE
2		2492.760	29.525	17.384	46.909	-7.091	54.000	AVERAGE
3		2500.000	29.557	17.536	47.094	-6.906	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 12:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-2462 MHz -802.11b**

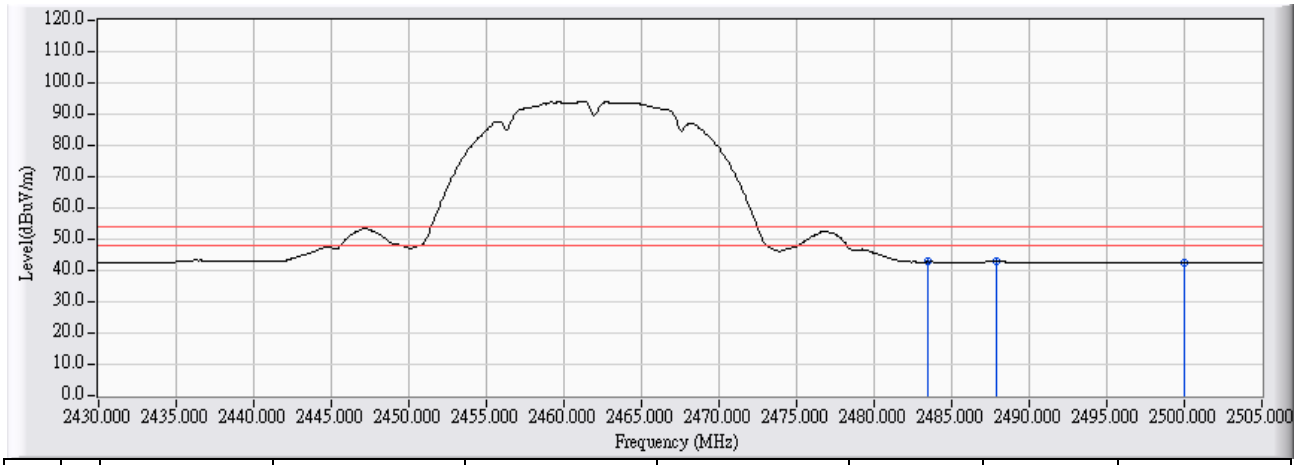


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	29.559	54.714	-19.286	74.000	PEAK
2	*	2487.900	25.138	30.847	55.986	-18.014	74.000	PEAK
3		2500.000	25.142	28.777	53.919	-20.081	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 12:01**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)-2462 MHz -802.11b**

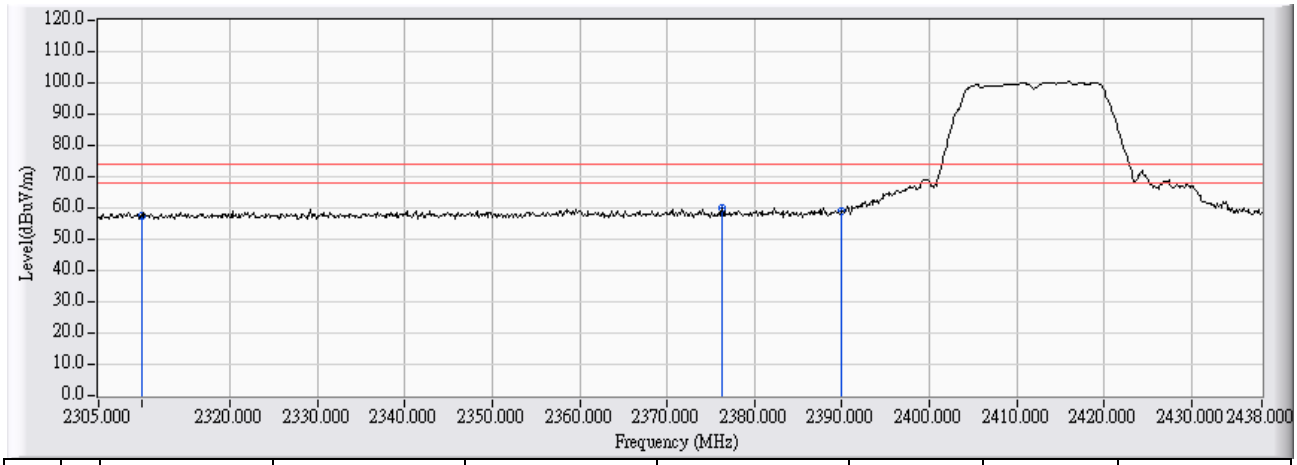


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	17.597	42.752	-11.248	54.000	AVERAGE
2	*	2487.900	25.138	17.719	42.858	-11.142	54.000	AVERAGE
3		2500.000	25.142	17.492	42.634	-11.366	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:08**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

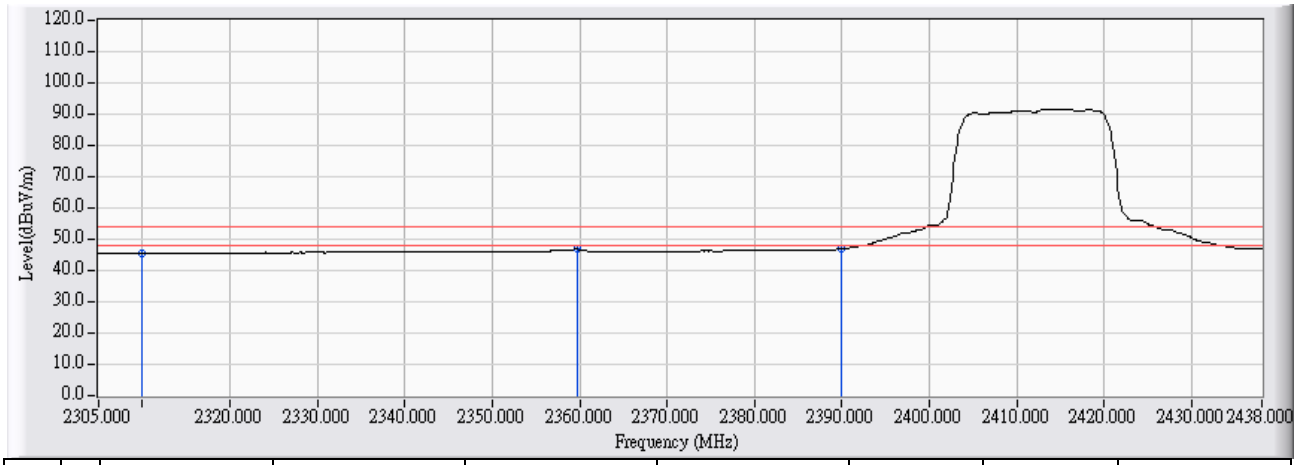


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	28.768	57.425	-16.575	74.000	PEAK
2	*	2376.288	28.970	31.095	60.064	-13.936	74.000	PEAK
3		2390.000	29.036	29.806	58.842	-15.158	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

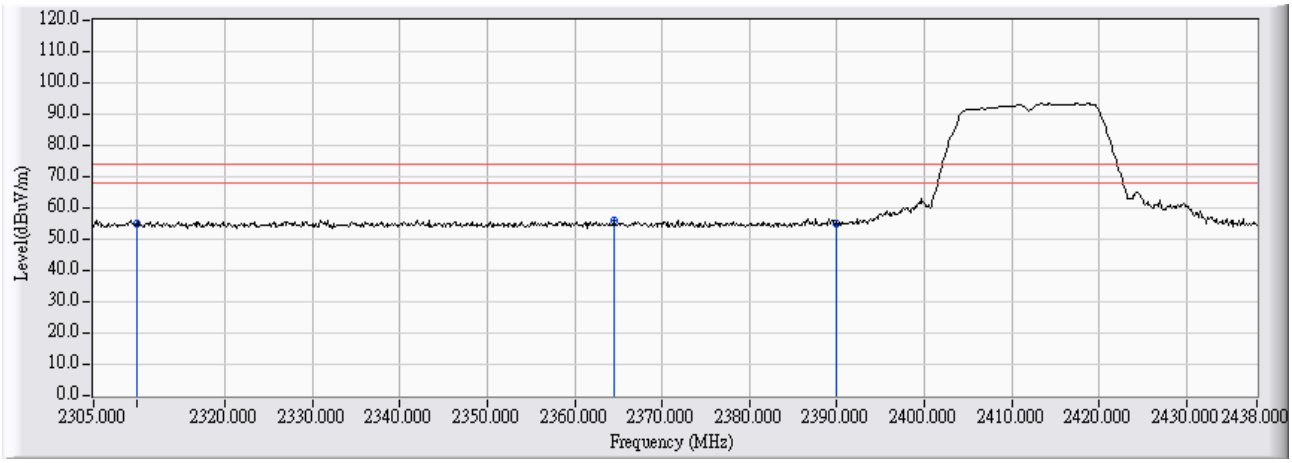


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	16.948	45.605	-8.395	54.000	AVERAGE
2		2359.663	28.889	17.915	46.803	-7.197	54.000	AVERAGE
3	*	2390.000	29.036	17.903	46.939	-7.061	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

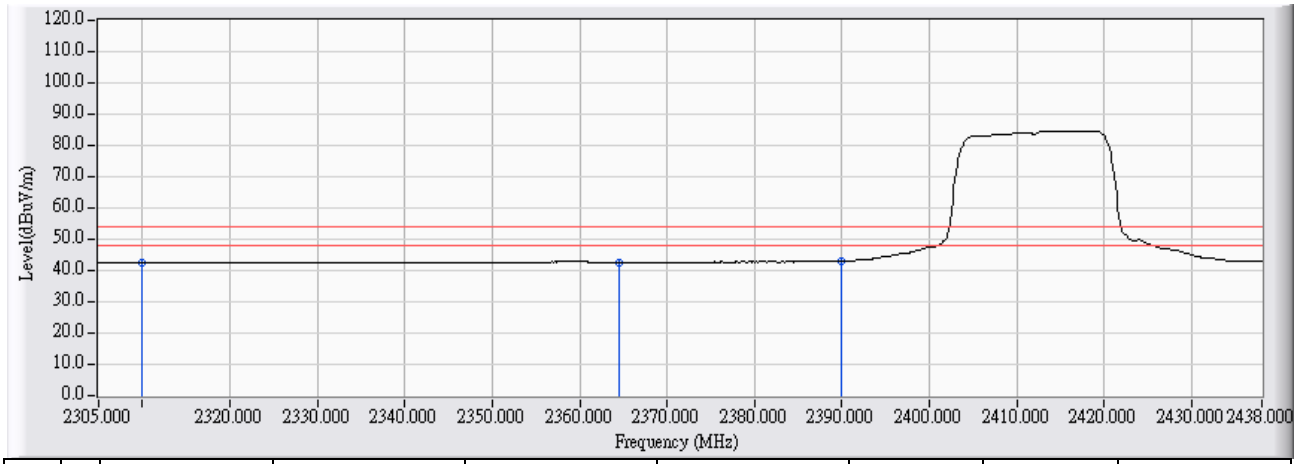


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	29.432	55.169	-18.831	74.000	PEAK
2	*	2364.451	25.553	30.354	55.906	-18.094	74.000	PEAK
3		2390.000	25.470	29.360	54.830	-19.170	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11g**

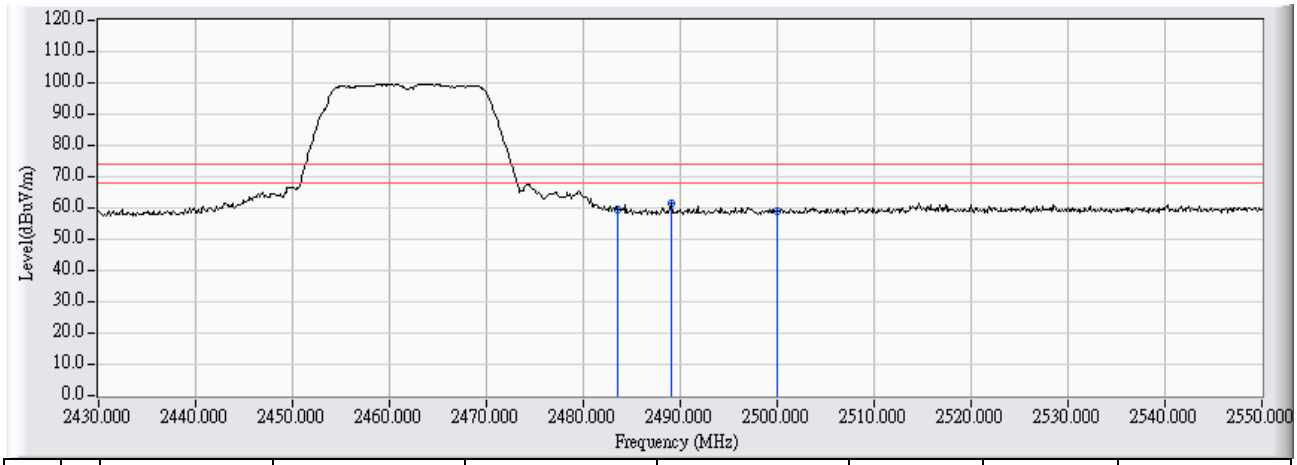


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	16.942	42.679	-11.321	54.000	AVERAGE
2		2364.451	25.553	17.171	42.723	-11.277	54.000	AVERAGE
3	*	2390.000	25.470	17.469	42.939	-11.061	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

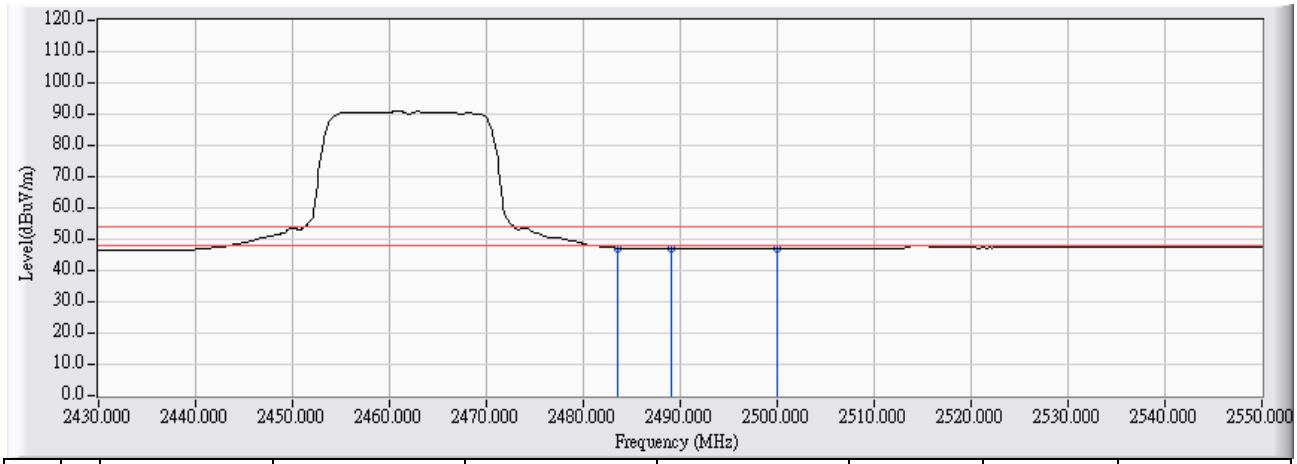


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	30.090	59.570	-14.430	74.000	PEAK
2	*	2489.040	29.507	31.996	61.503	-12.497	74.000	PEAK
3		2500.000	29.557	29.514	59.072	-14.928	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:01**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

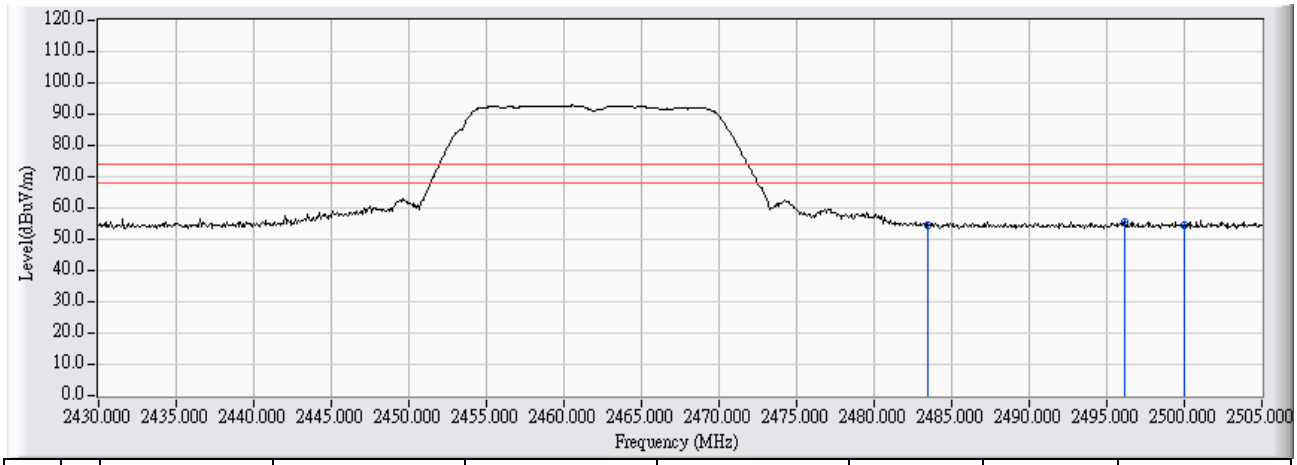


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	17.767	47.247	-6.753	54.000	AVERAGE
2		2489.040	29.507	17.289	46.796	-7.204	54.000	AVERAGE
3		2500.000	29.557	17.409	46.967	-7.033	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:58**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

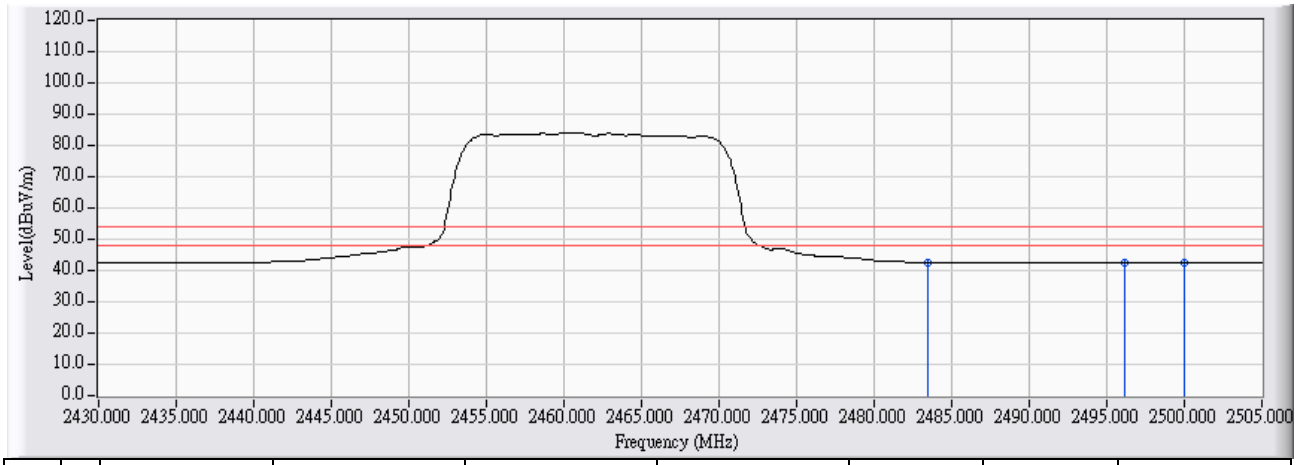


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	29.451	54.606	-19.394	74.000	PEAK
2	*	2496.150	25.109	30.270	55.379	-18.621	74.000	PEAK
3		2500.000	25.142	29.303	54.445	-19.555	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:59**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11g**

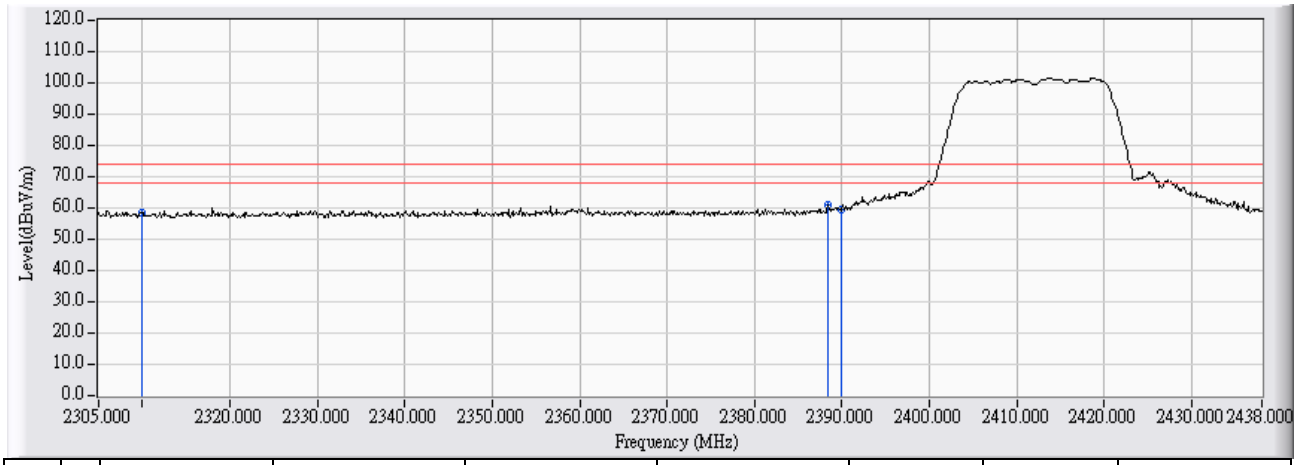


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	17.378	42.533	-11.467	54.000	AVERAGE
2		2496.150	25.109	17.288	42.397	-11.603	54.000	AVERAGE
3		2500.000	25.142	17.349	42.491	-11.509	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

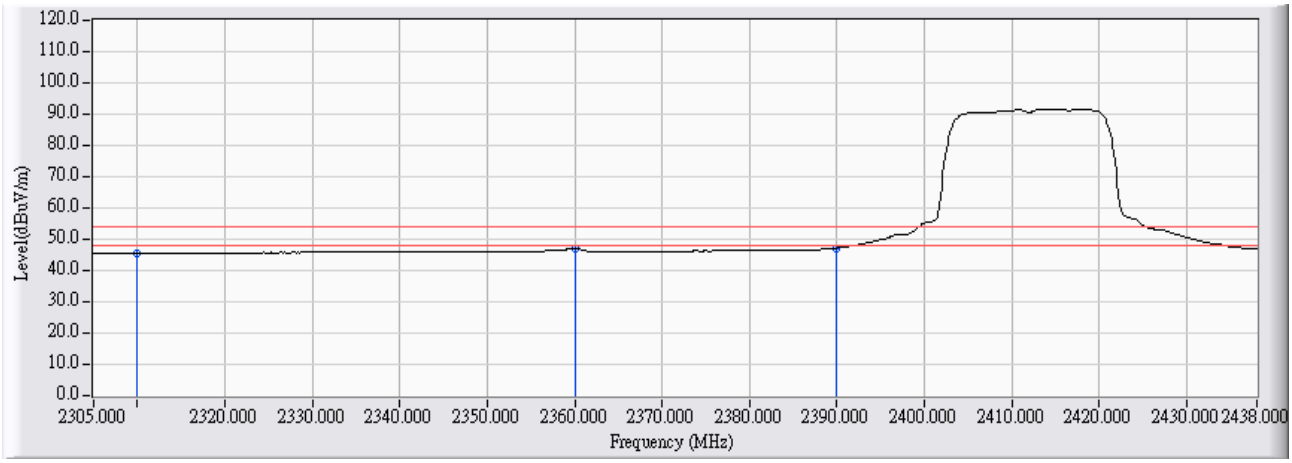


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	29.790	58.447	-15.553	74.000	PEAK
2	*	2388.391	29.028	31.867	60.895	-13.105	74.000	PEAK
3		2390.000	29.036	30.251	59.287	-14.713	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

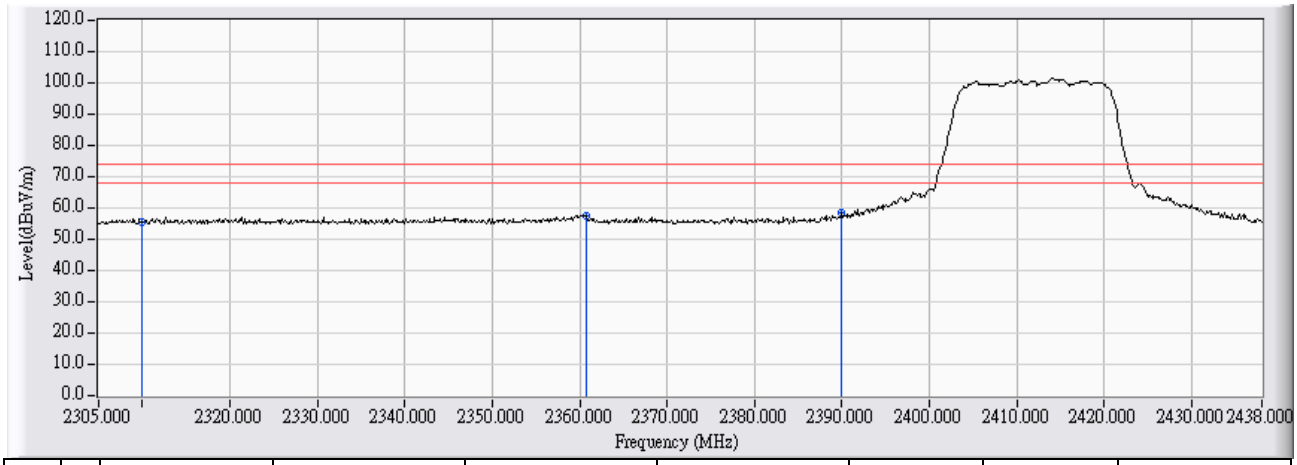


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	16.990	45.647	-8.353	54.000	AVERAGE
2		2360.062	28.890	18.025	46.915	-7.085	54.000	AVERAGE
3	*	2390.000	29.036	18.166	47.202	-6.798	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

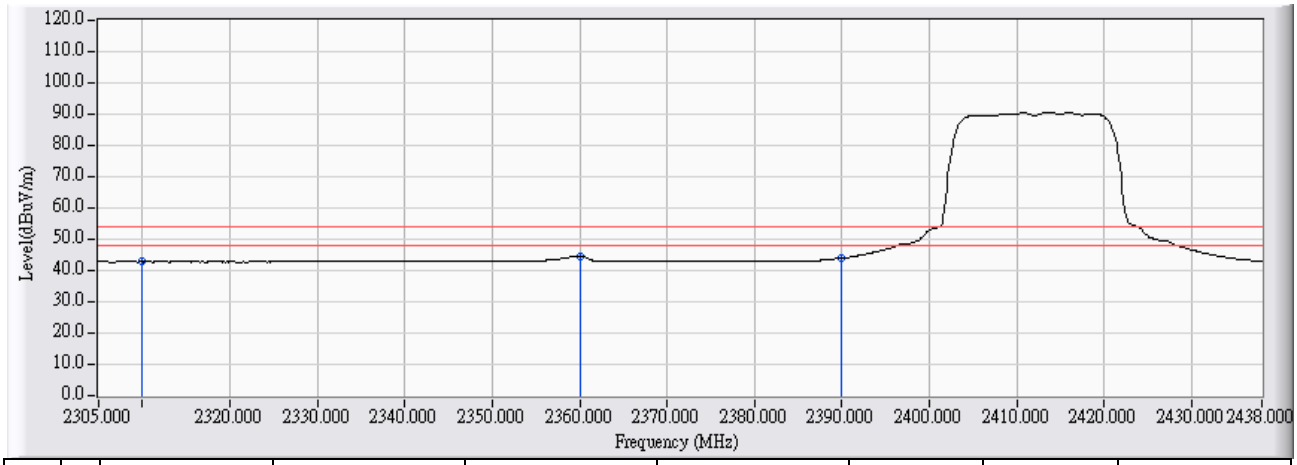


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	29.530	55.267	-18.733	74.000	PEAK
2		2360.727	25.564	32.007	57.571	-16.429	74.000	PEAK
3	*	2390.000	25.470	32.908	58.378	-15.622	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2412 MHz -802.11n(20M)**

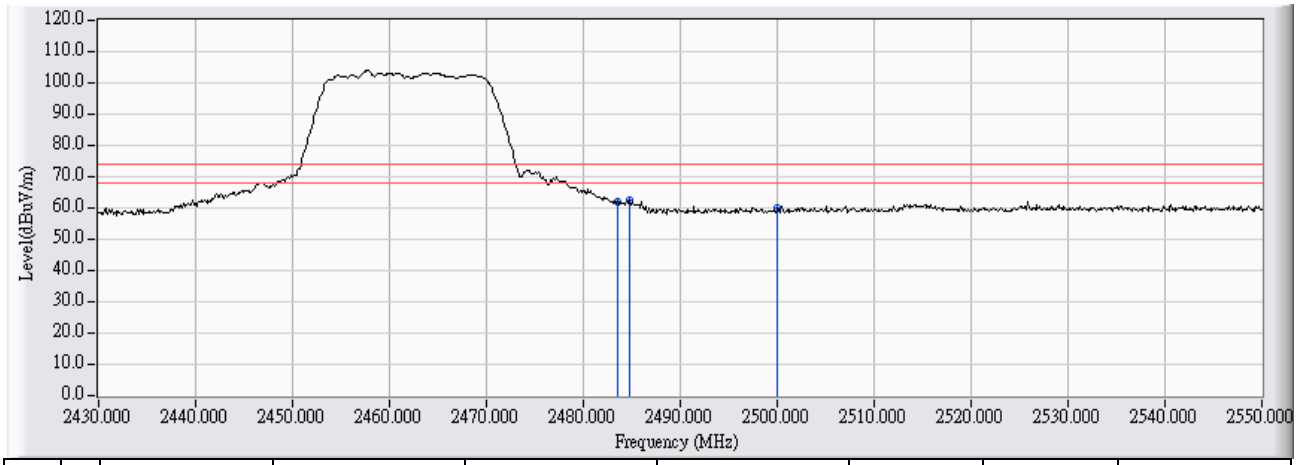


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	17.013	42.750	-11.250	54.000	AVERAGE
2	*	2360.062	25.566	19.083	44.649	-9.351	54.000	AVERAGE
3		2390.000	25.470	18.539	44.009	-9.991	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:03**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

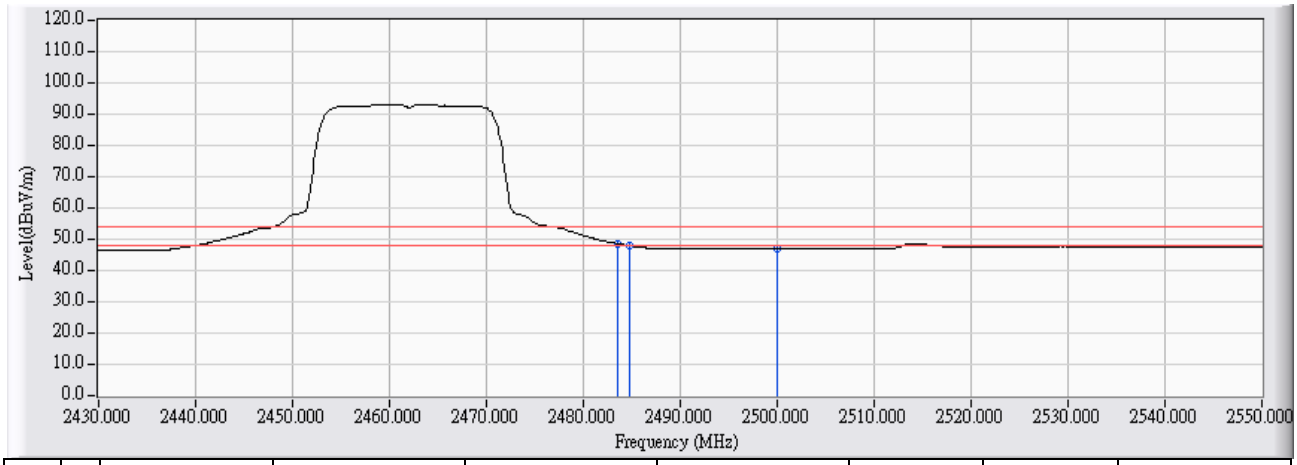


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	32.735	62.215	-11.785	74.000	PEAK
2	*	2484.720	29.485	33.170	62.656	-11.344	74.000	PEAK
3		2500.000	29.557	30.288	59.846	-14.154	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:04**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

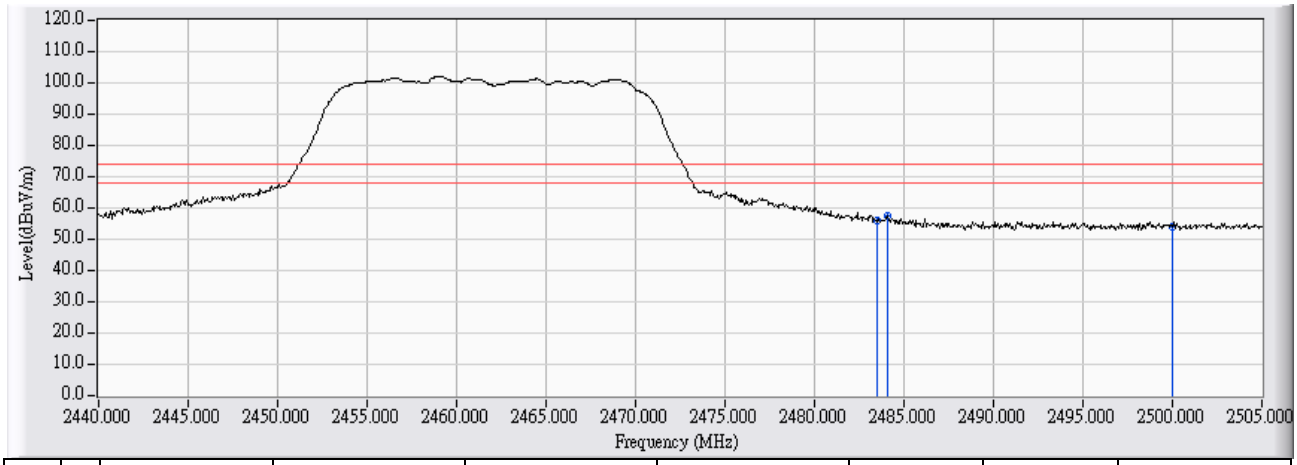


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	19.184	48.664	-5.336	54.000	AVERAGE
2		2484.720	29.485	18.440	47.926	-6.074	54.000	AVERAGE
3		2500.000	29.557	17.455	47.013	-6.987	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

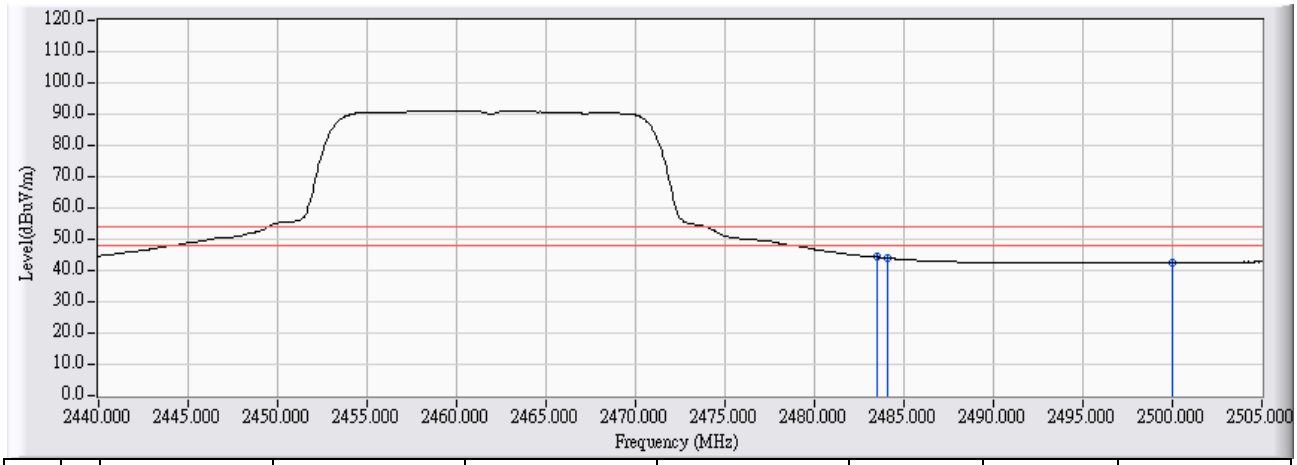


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	30.683	55.838	-18.162	74.000	PEAK
2	*	2484.070	25.153	32.219	57.372	-16.628	74.000	PEAK
3		2500.000	25.142	28.952	54.094	-19.906	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:39**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2462 MHz -802.11n(20M)**

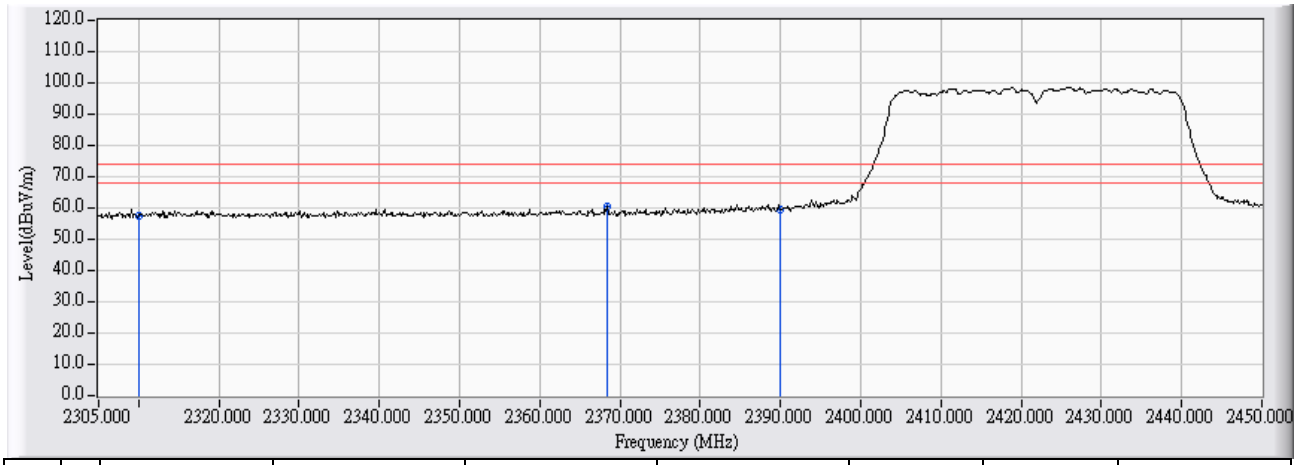


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	19.127	44.282	-9.718	54.000	AVERAGE
2		2484.070	25.153	18.840	43.993	-10.007	54.000	AVERAGE
3		2500.000	25.142	17.535	42.677	-11.323	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

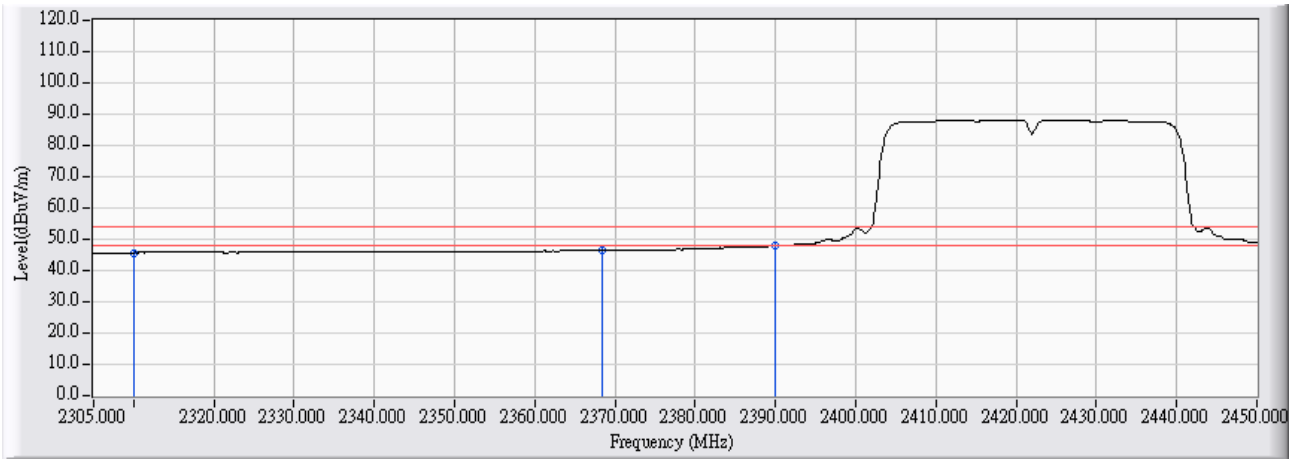


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	28.993	57.650	-16.350	74.000	PEAK
2	*	2368.365	28.931	31.574	60.505	-13.495	74.000	PEAK
3		2390.000	29.036	30.571	59.607	-14.393	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:22**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

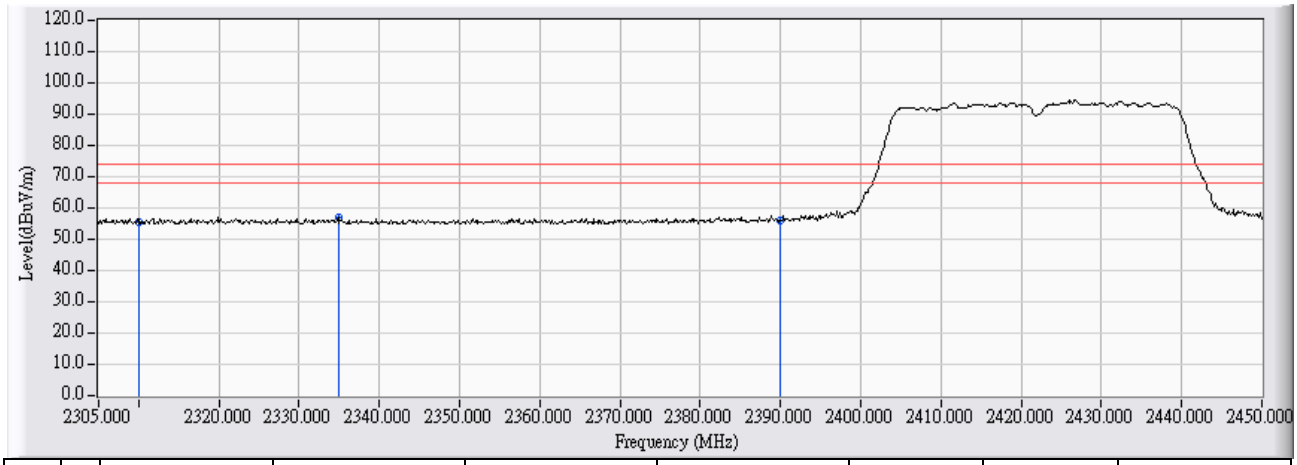


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	17.062	45.719	-8.281	54.000	AVERAGE
2		2368.365	28.931	17.431	46.362	-7.638	54.000	AVERAGE
3	*	2390.000	29.036	18.875	47.911	-6.089	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

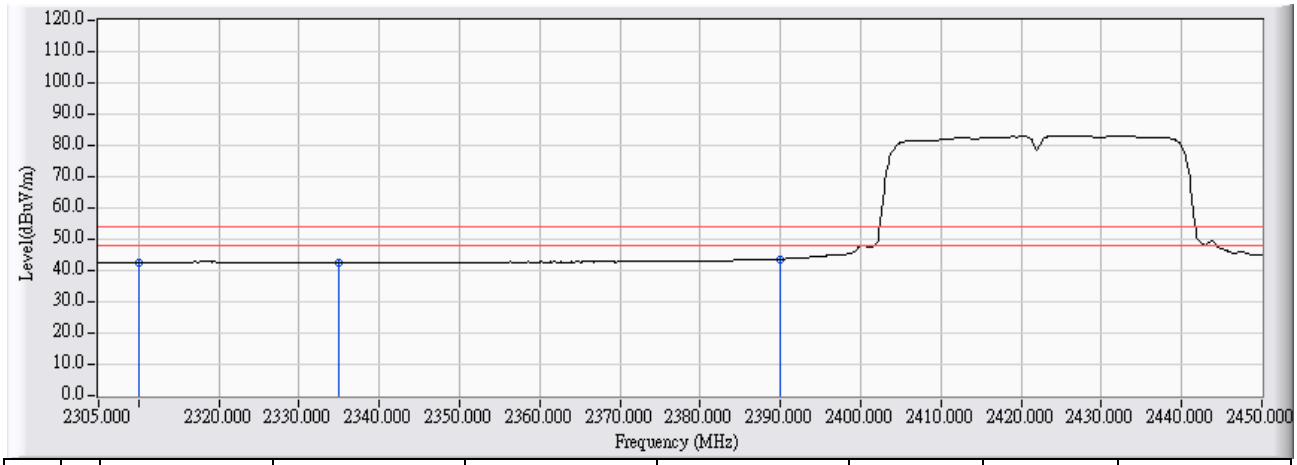


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	30.005	55.742	-18.258	74.000	PEAK
2	*	2334.870	25.647	31.437	57.085	-16.915	74.000	PEAK
3		2390.000	25.470	30.610	56.080	-17.920	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 10:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2422 MHz -802.11n(40M)**

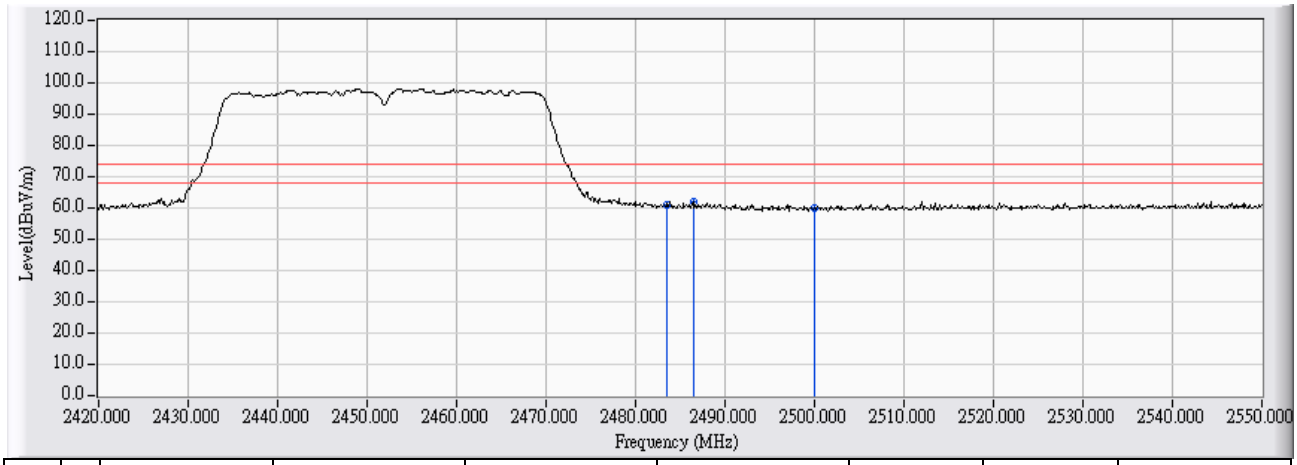


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	16.962	42.699	-11.301	54.000	AVERAGE
2		2334.870	25.647	17.019	42.667	-11.333	54.000	AVERAGE
3	*	2390.000	25.470	18.210	43.680	-10.320	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:11**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**

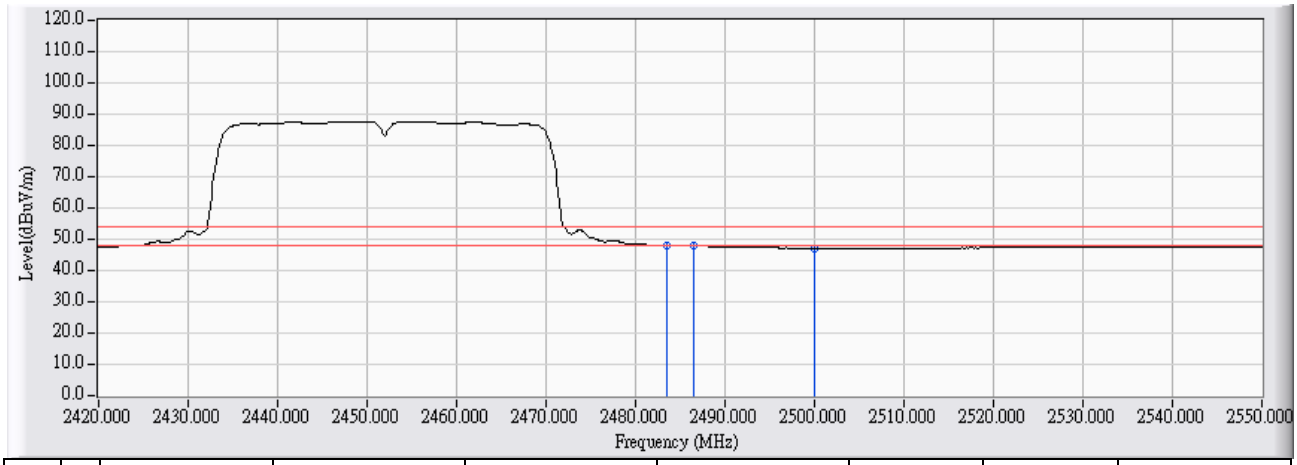


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	31.610	61.090	-12.910	74.000	PEAK
2	*	2486.430	29.494	32.299	61.793	-12.207	74.000	PEAK
3		2500.000	29.557	30.527	60.085	-13.915	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**

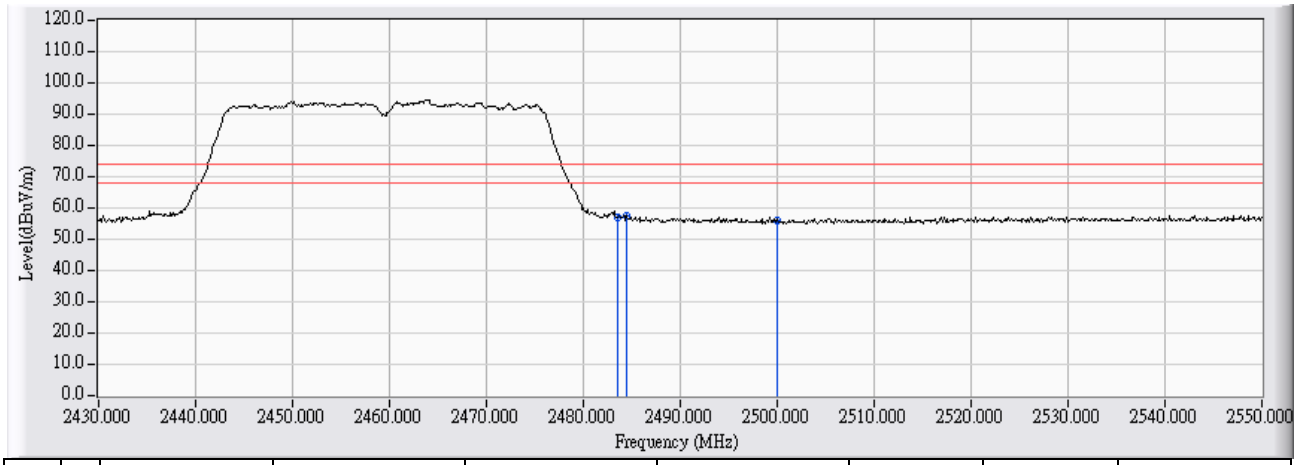


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	18.486	47.966	-6.034	54.000	AVERAGE
2		2486.430	29.494	18.305	47.799	-6.201	54.000	AVERAGE
3		2500.000	29.557	17.568	47.126	-6.874	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**

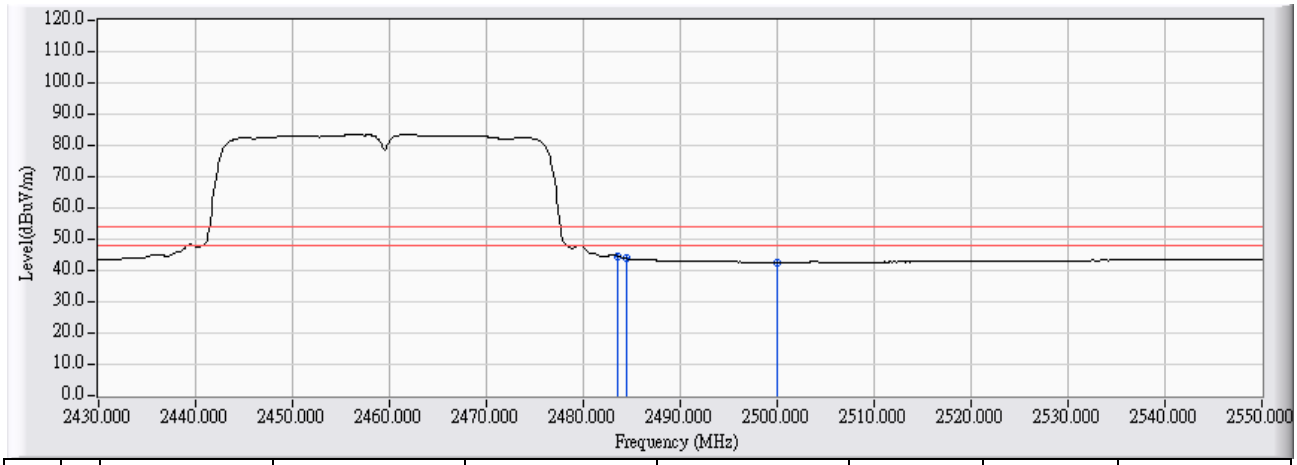


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	31.840	56.995	-17.005	74.000	PEAK
2	*	2484.480	25.151	32.149	57.301	-16.699	74.000	PEAK
3		2500.000	25.142	30.905	56.047	-17.953	74.000	PEAK

Note:

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

Site : CB1	**Time : 2010/08/19 - 11:24**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Gigabit Wireless-N Router	**Note : Mode 1: Transmit (Adapter: DVE_DSA-24PFD-15 FUS 120200)- 2452 MHz -802.11n(40M)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	19.552	44.707	-9.293	54.000	AVERAGE
2		2484.480	25.151	18.603	43.755	-10.245	54.000	AVERAGE
3		2500.000	25.142	17.497	42.639	-11.361	54.000	AVERAGE

Note:

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

7. Occupied Bandwidth

7.1. Test Equipment

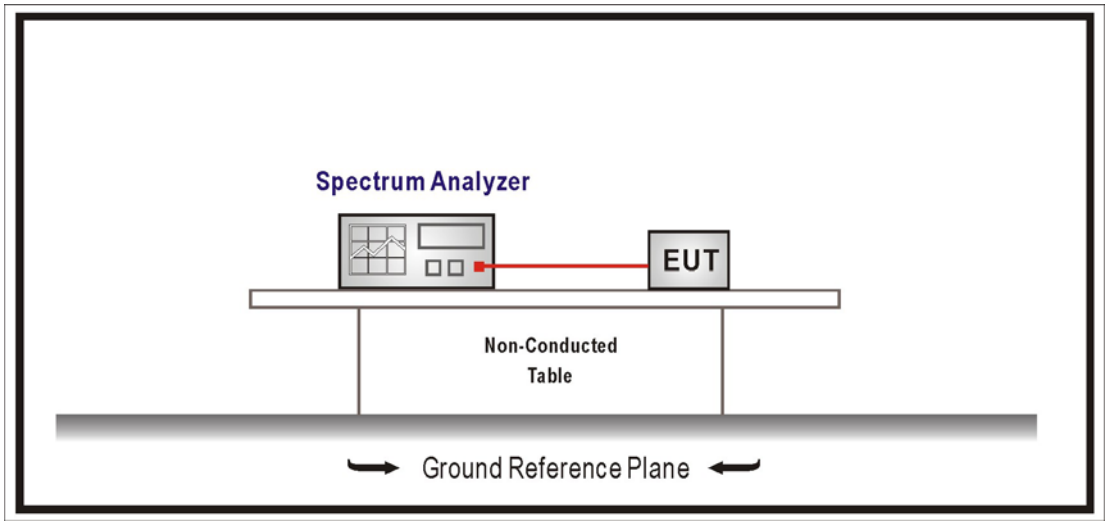
The following test equipments are used during the test:

Occupied Bandwidth / No.7 Shielding Room

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

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

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

7.6. Uncertainty

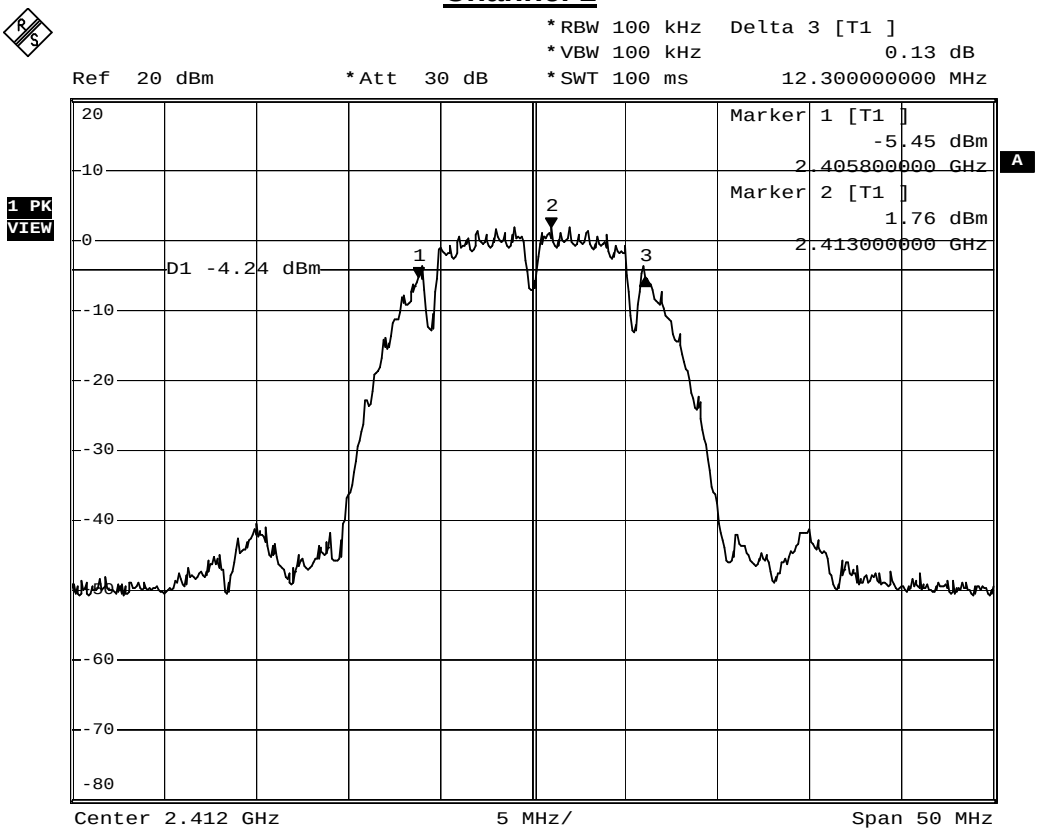
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

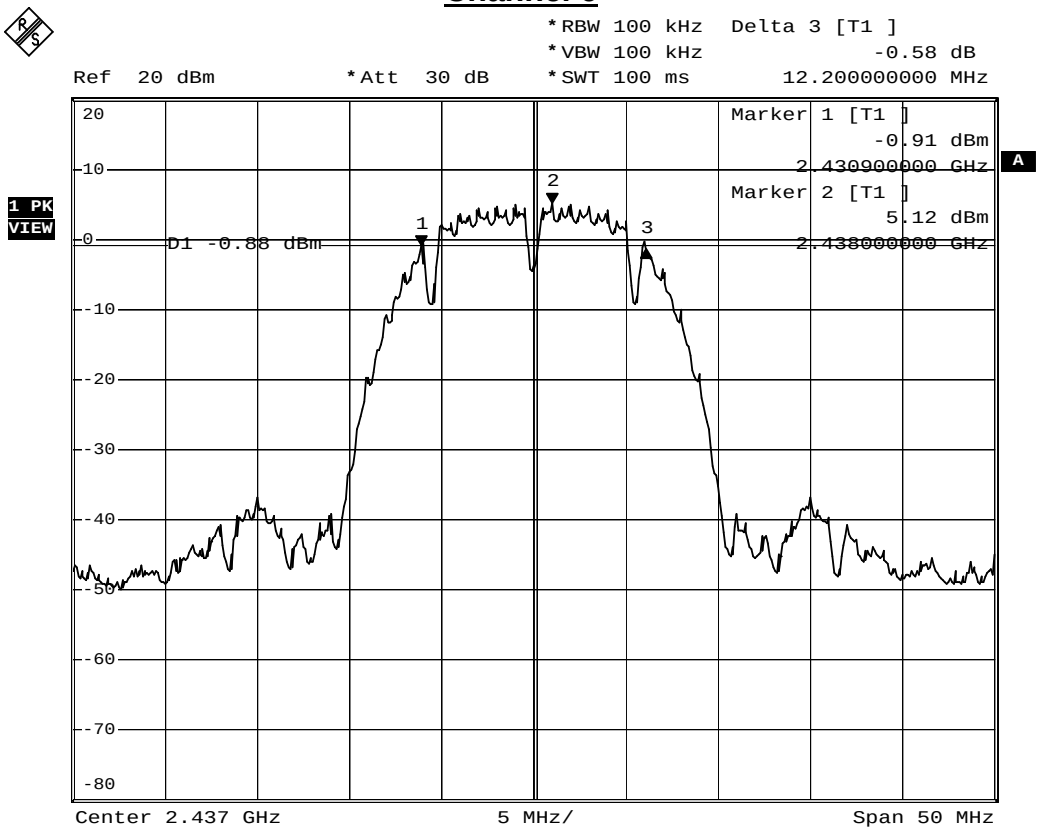
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

802.11 b				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	12300	≧500	Pass
6	2437.00	12200	≧500	Pass
11	2462.00	12400	≧500	Pass

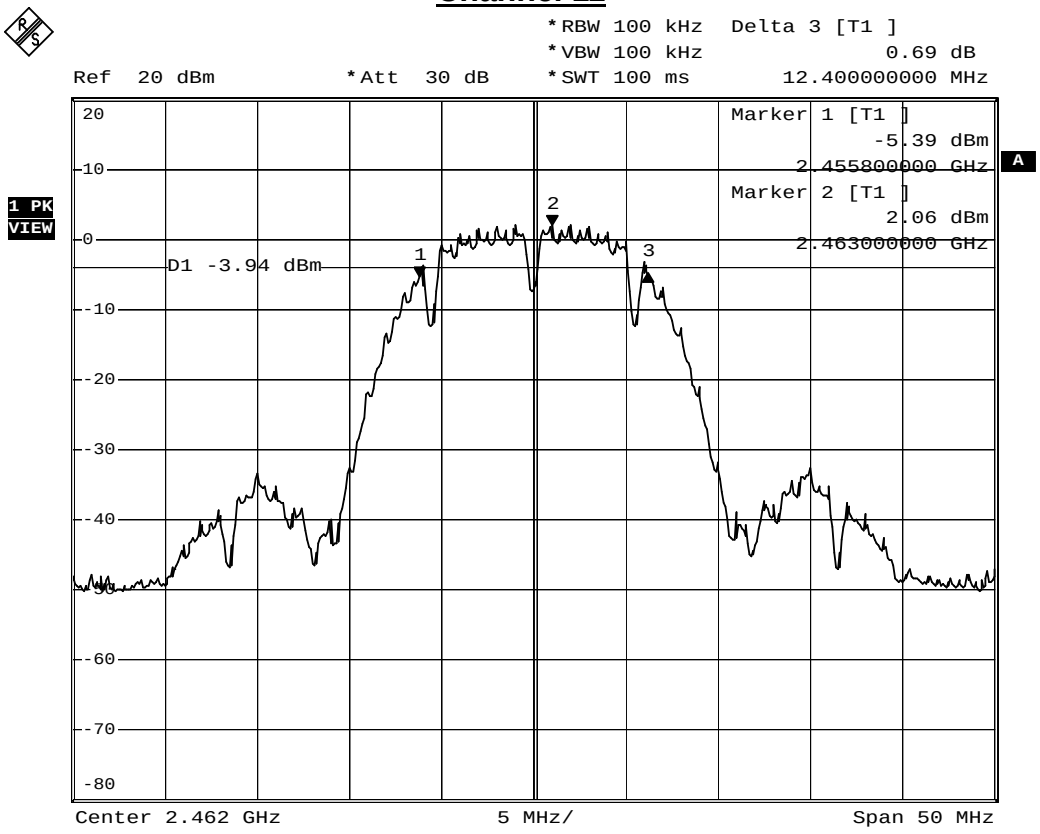
Channel 1



Channel 6


*RBW 100 kHz
*VBW 100 kHz
*SWT 100 ms
Delta 3 [T1]
-0.58 dB
12.200000000 MHz
Ref 20 dBm
*Att 30 dB
Marker 1 [T1]
-0.91 dBm
2.430900000 GHz
Marker 2 [T1]
5.12 dBm
2.438000000 GHz
1 PK
VIEW
A
D1 -0.88 dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.437 GHz
5 MHz/
Span 50 MHz
Date: 18.AUG.2010 13:48:36

Channel 11

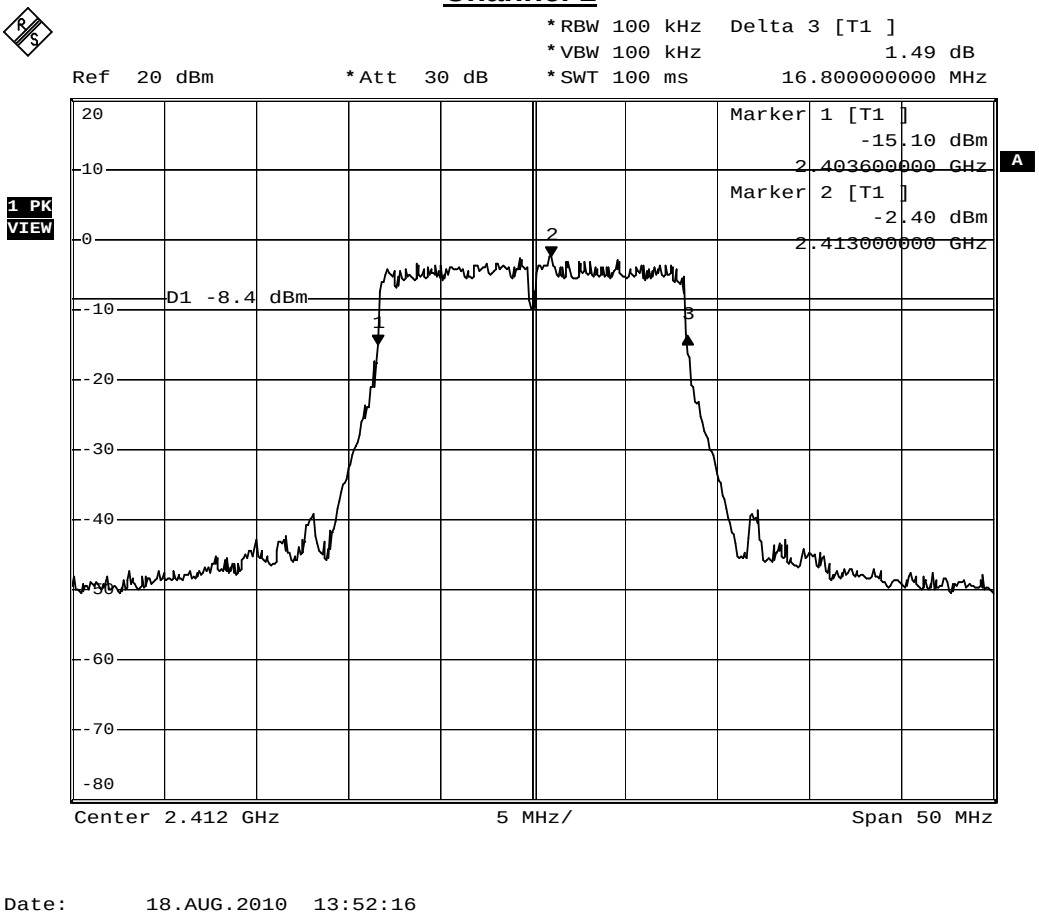


Date: 18.AUG.2010 13:50:33

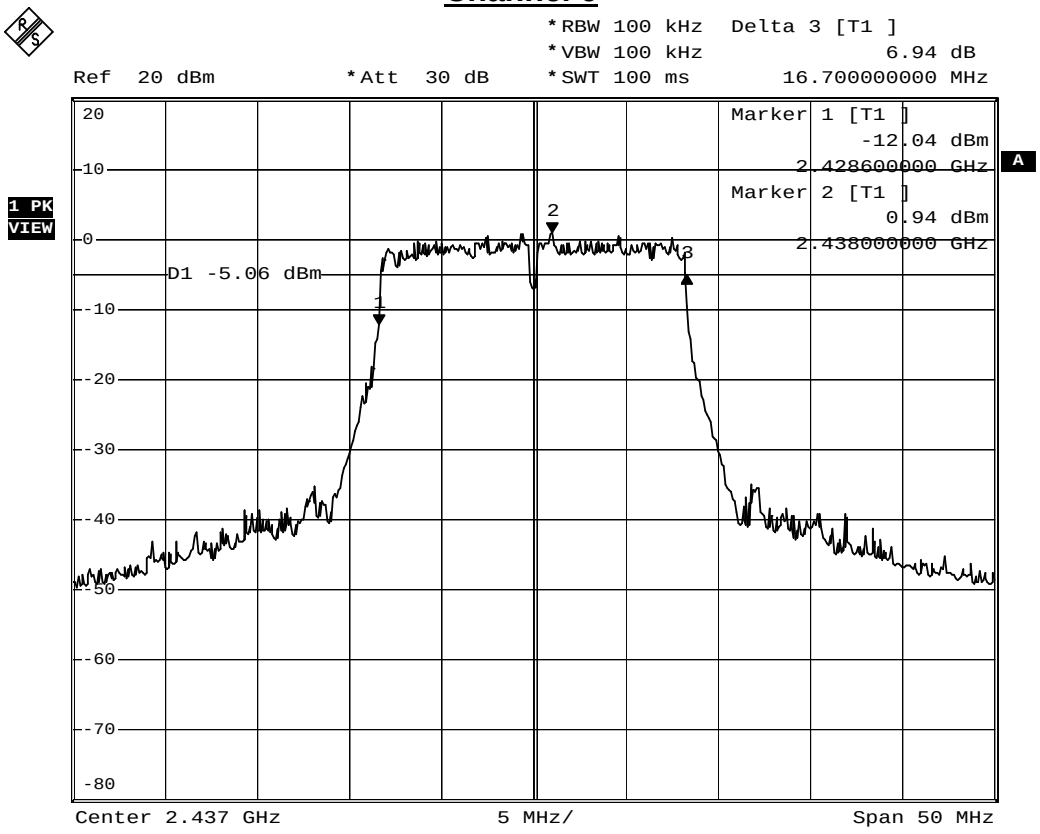
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16800	≧500	Pass
6	2437.00	16700	≧500	Pass
11	2462.00	16700	≧500	Pass

Channel 1

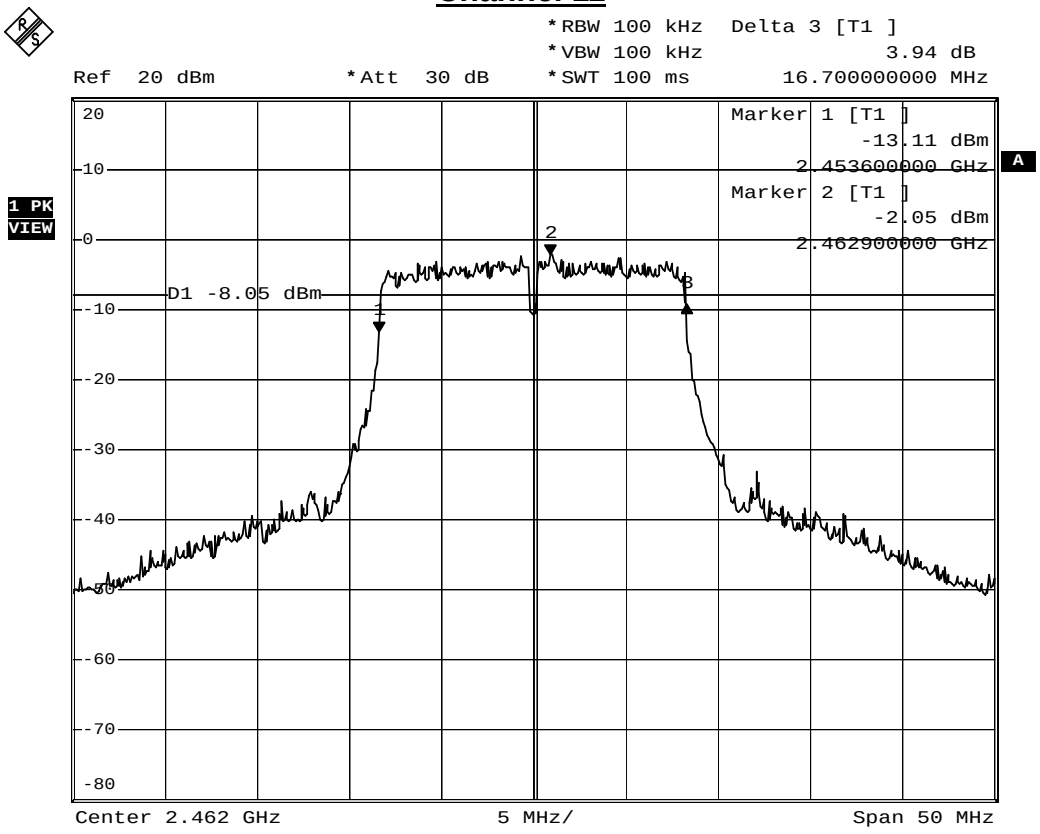


Channel 6



Date: 18.AUG.2010 13:54:09

Channel 11

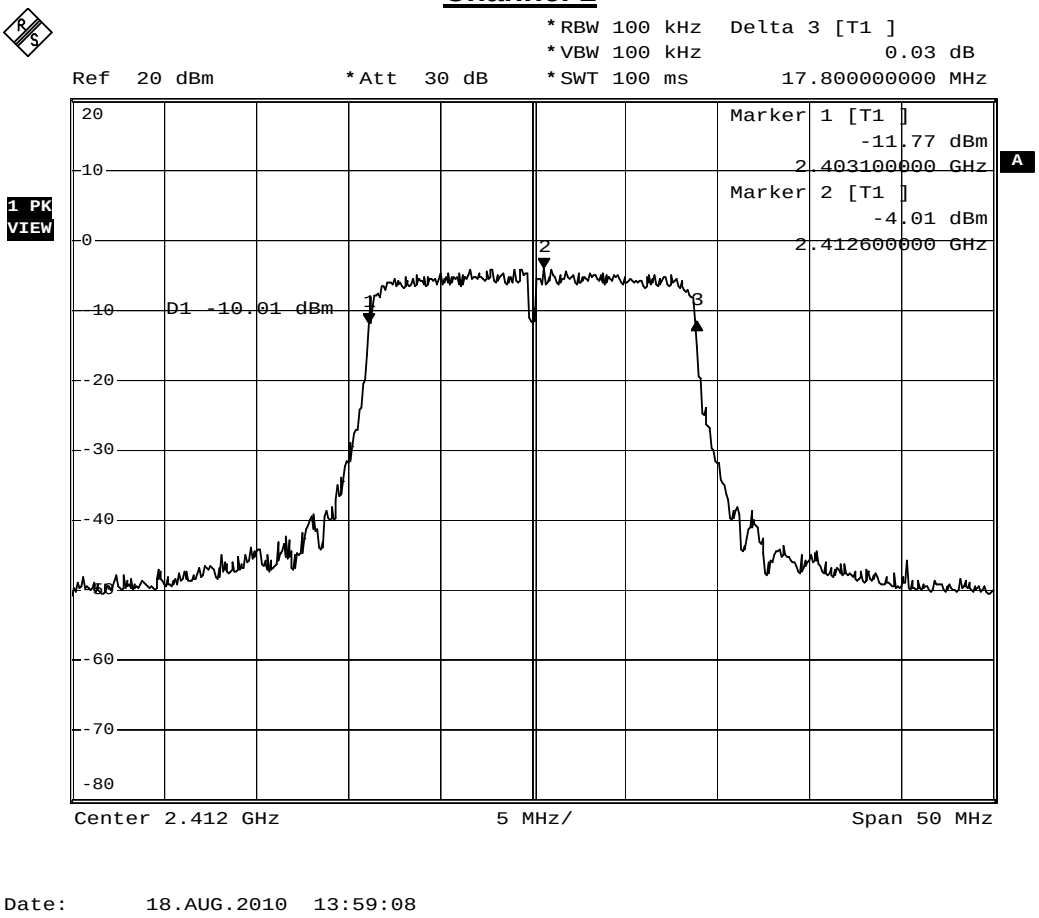


Date: 18.AUG.2010 13:56:10

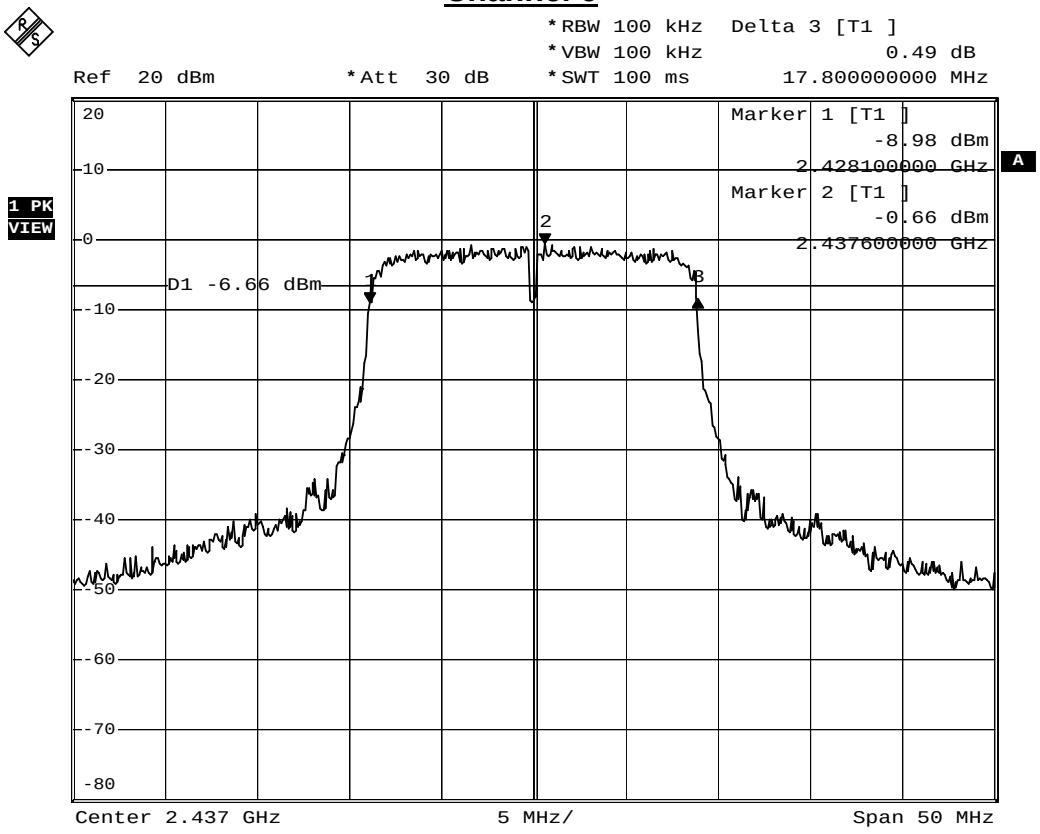
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz)(ANT A)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	17800	≧500	Pass
6	2437.00	17800	≧500	Pass
11	2462.00	17800	≧500	Pass

Channel 1

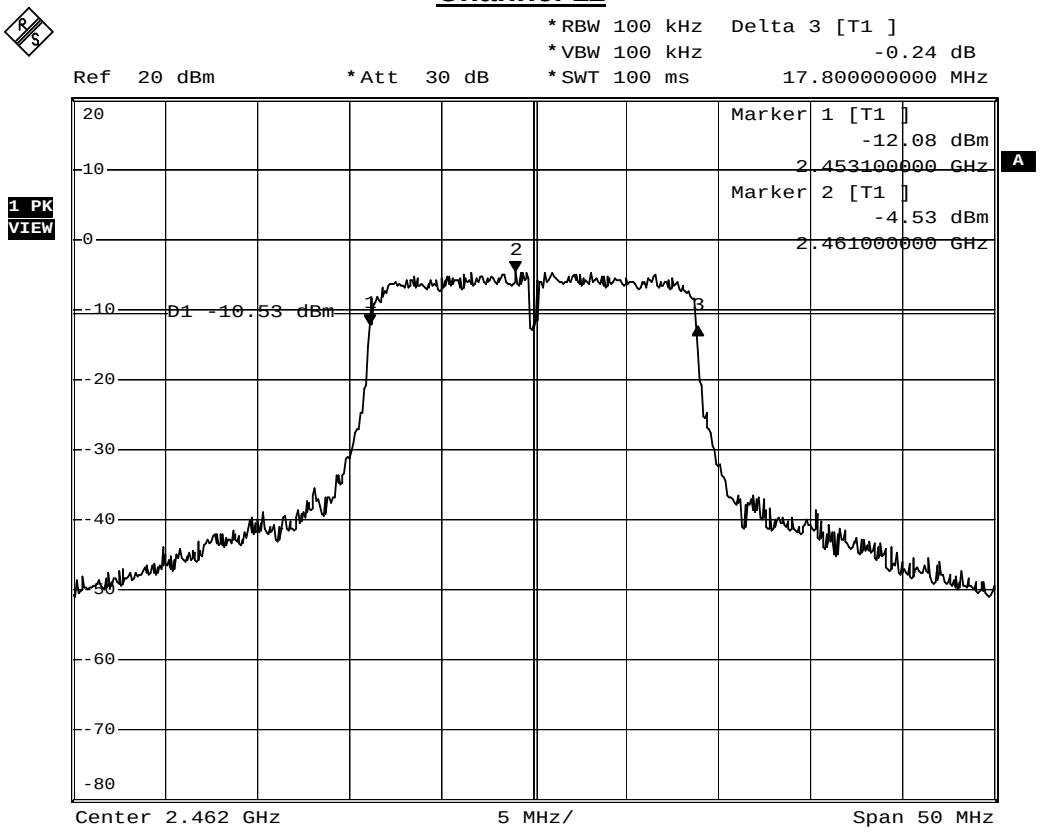


Channel 6



Date: 18.AUG.2010 14:02:48

Channel 11

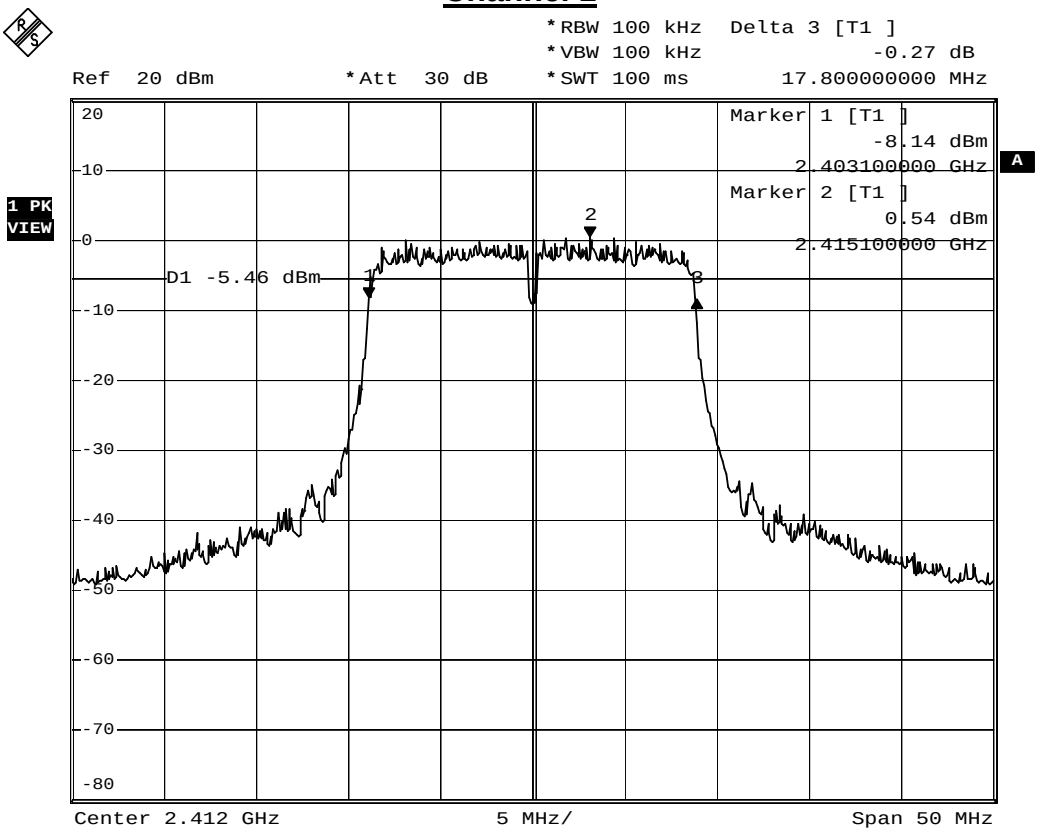


Date: 18.AUG.2010 14:03:50

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

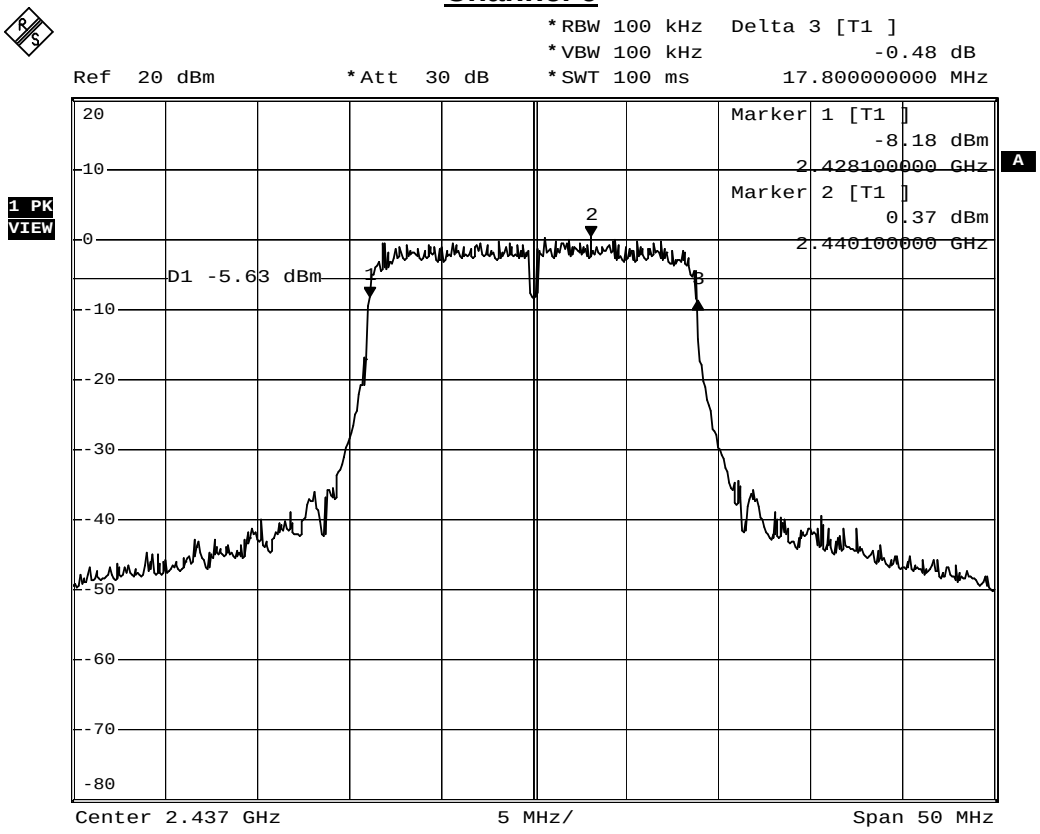
IEEE 802.11n (20MHz)(ANT B)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	17800	≧500	Pass
6	2437.00	17800	≧500	Pass
11	2462.00	17800	≧500	Pass

Channel 1



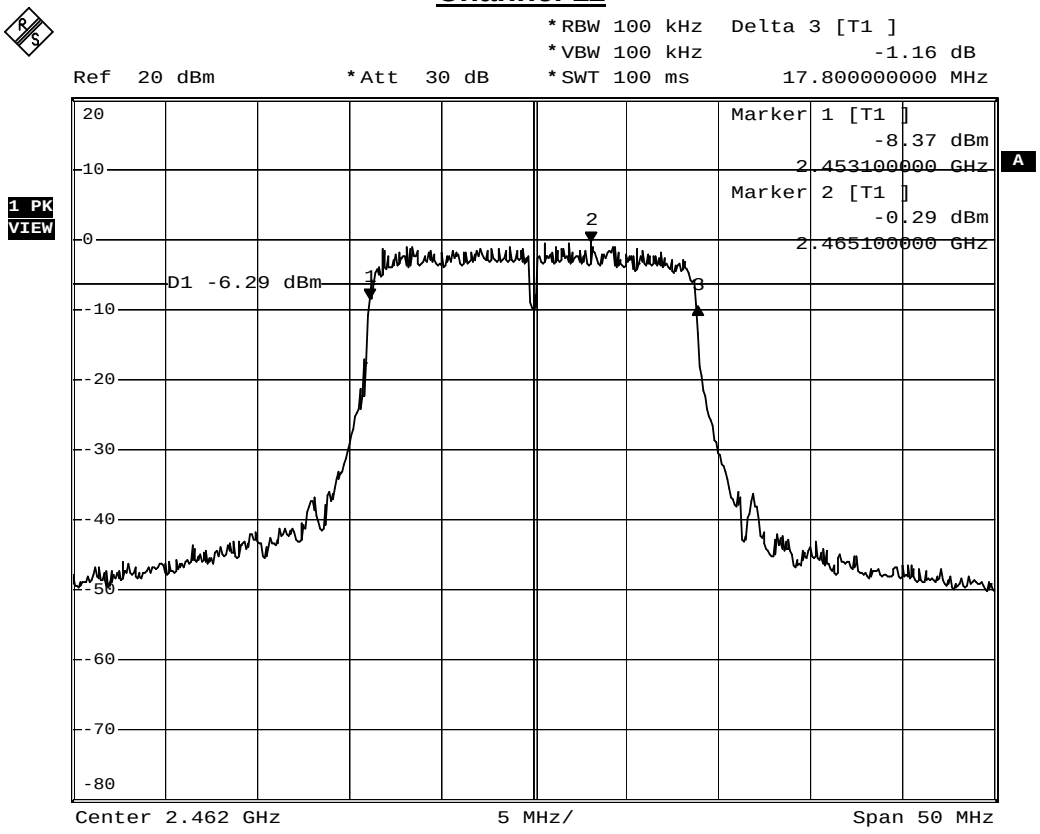
Date: 18.AUG.2010 14:08:55

Channel 6



Date: 18.AUG.2010 14:09:56

Channel 11

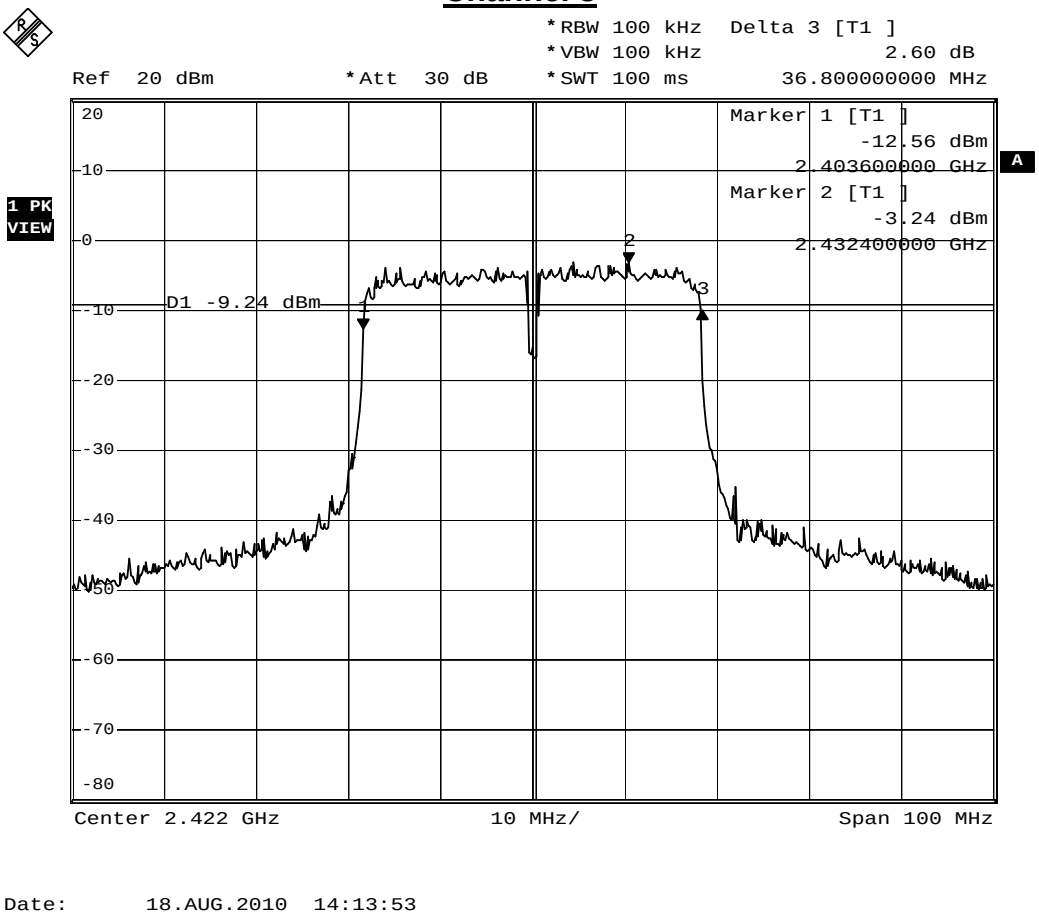


Date: 18.AUG.2010 14:10:54

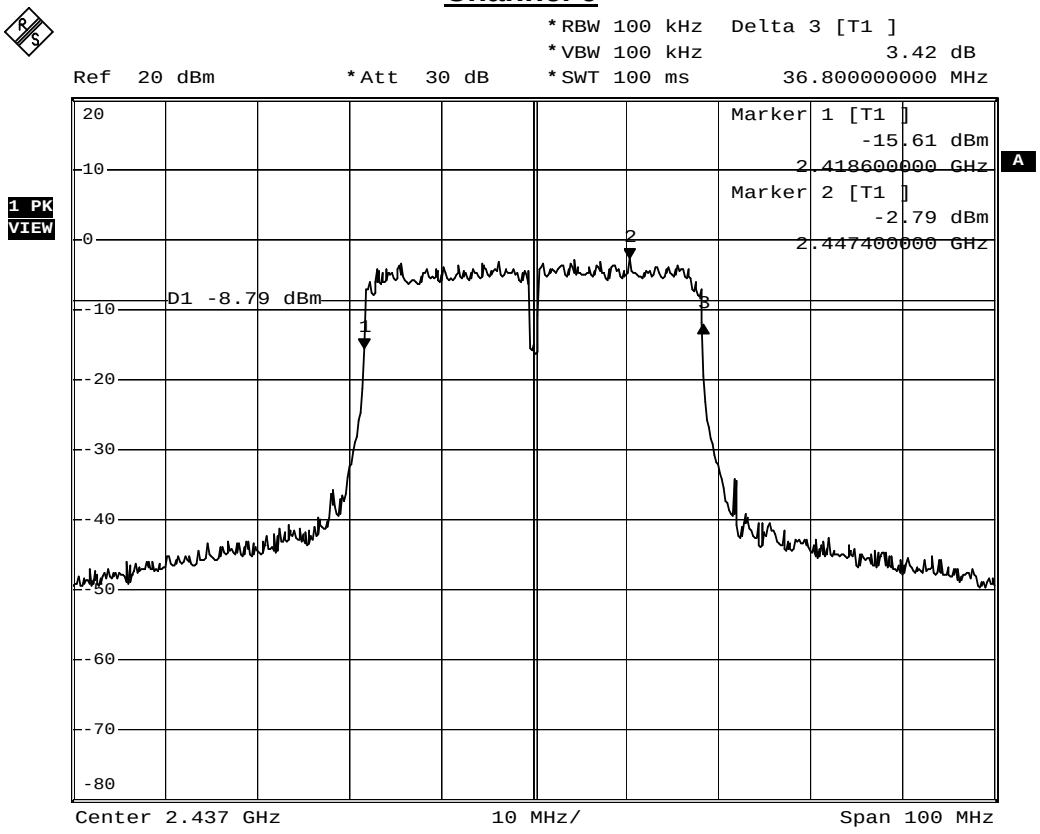
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (40MHz)(ANT A)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36800	≧500	Pass
6	2437	36800	≧500	Pass
9	2452	36800	≧500	Pass

Channel 3

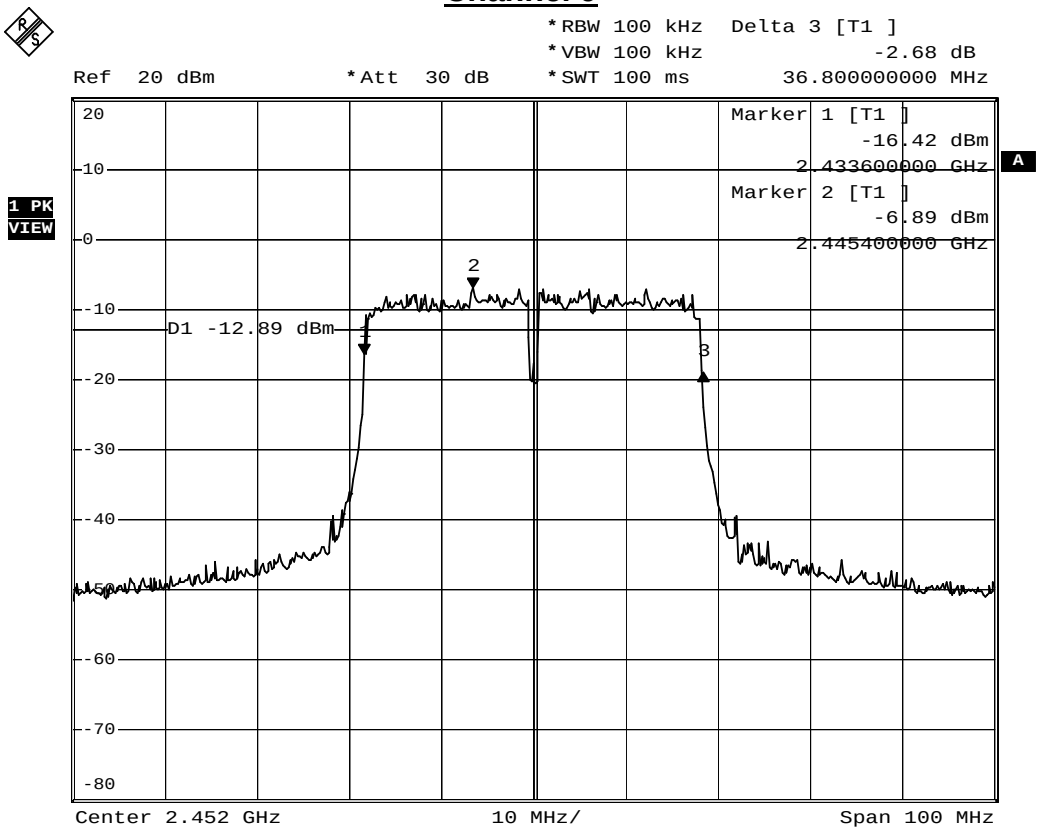


Channel 6



Date: 18.AUG.2010 14:14:54

Channel 9

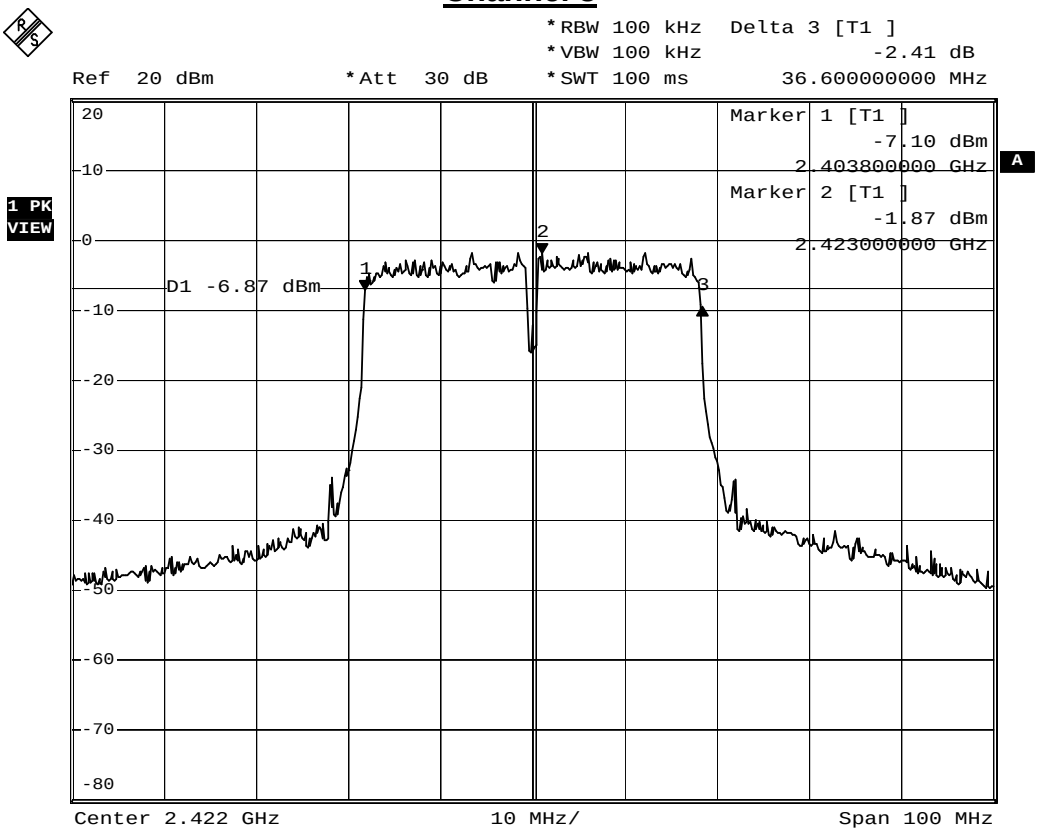


Date: 18.AUG.2010 14:16:46

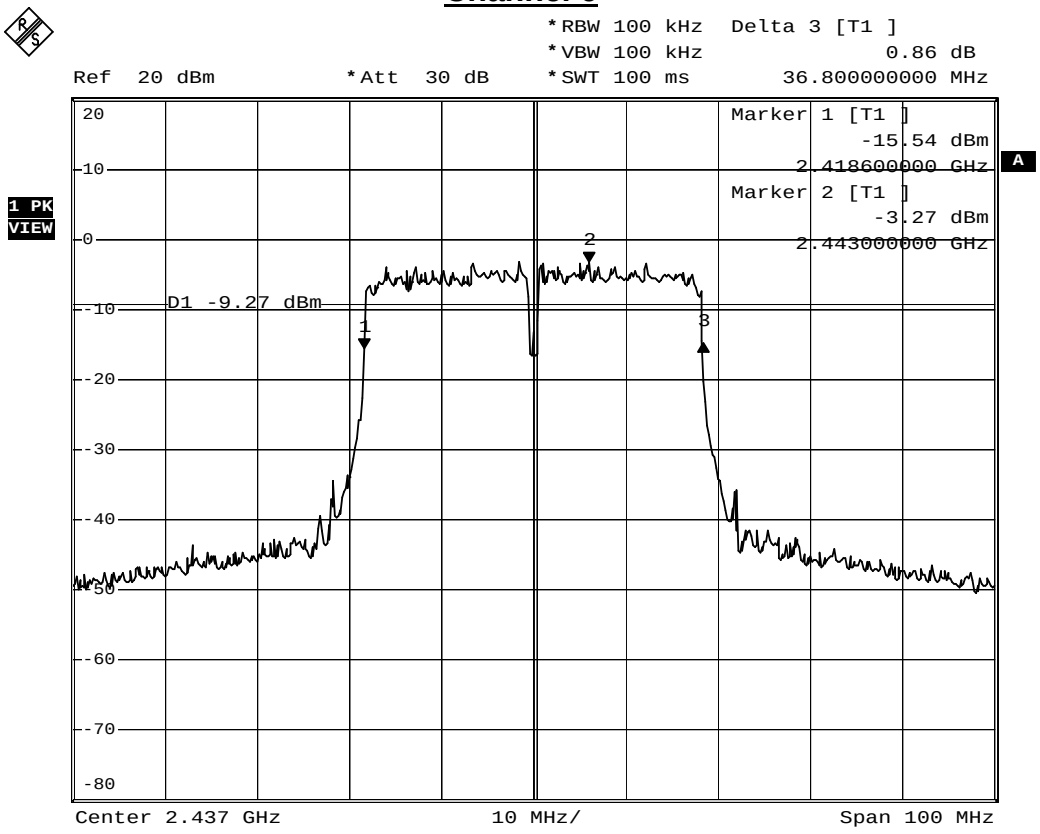
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n (40MHz)(ANT B)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36800	≧500	Pass
6	2437	36800	≧500	Pass
9	2452	36800	≧500	Pass

Channel 3

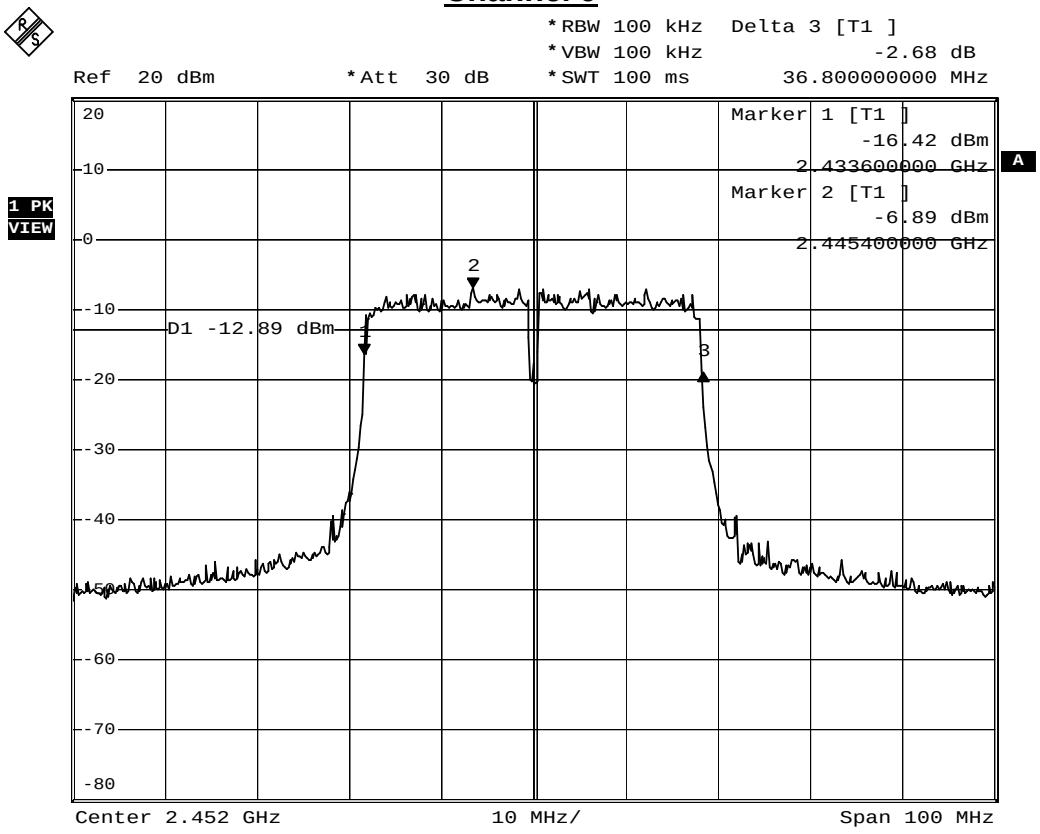


Channel 6



Date: 18.AUG.2010 14:15:41

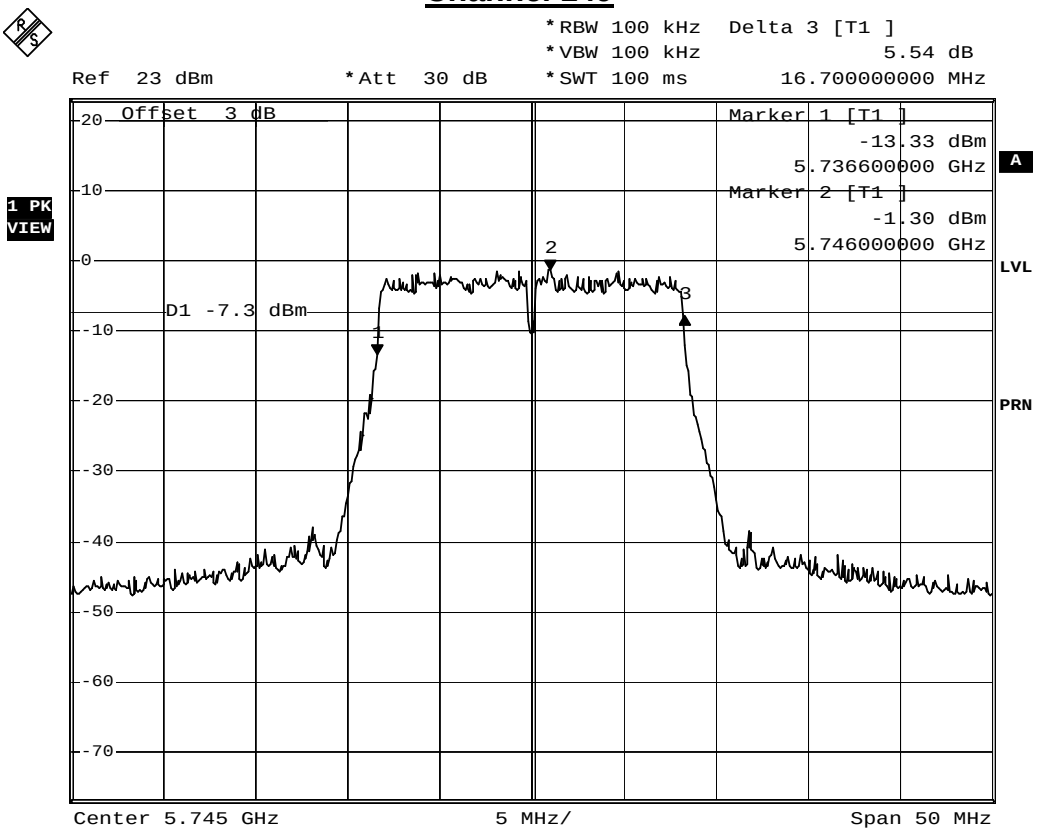
Channel 9


*RBW 100 kHz
*VBW 100 kHz
*SWT 100 ms
Delta 3 [T1]
-2.68 dB
36.800000000 MHz
Ref 20 dBm
*Att 30 dB
Marker 1 [T1]
-16.42 dBm
2.433600000 GHz
Marker 2 [T1]
-6.89 dBm
2.445400000 GHz
1 PK
VIEW
A
D1 -12.89 dBm
Center 2.452 GHz
10 MHz/
Span 100 MHz
Date: 18.AUG.2010 14:16:46

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/27	Test Site	No.7 Shielding Room

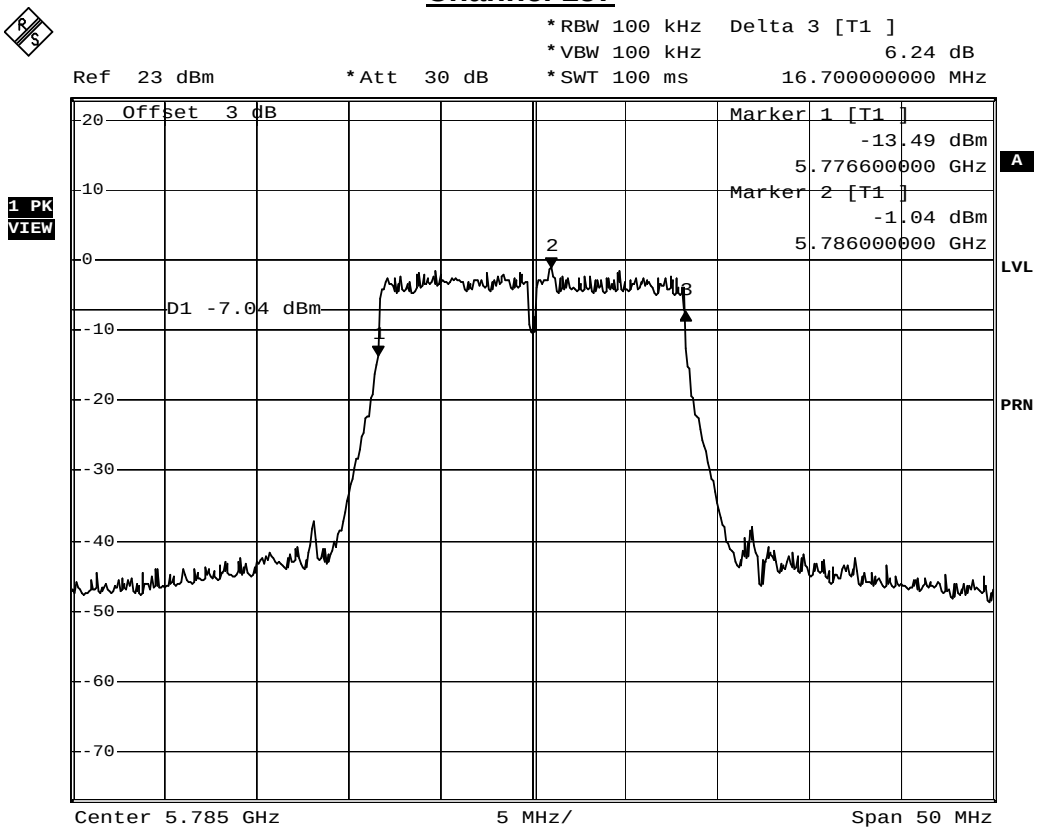
802.11 a				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	16700	≧500	Pass
157	5785	16700	≧500	Pass
165	5825	16700	≧500	Pass

Channel 149



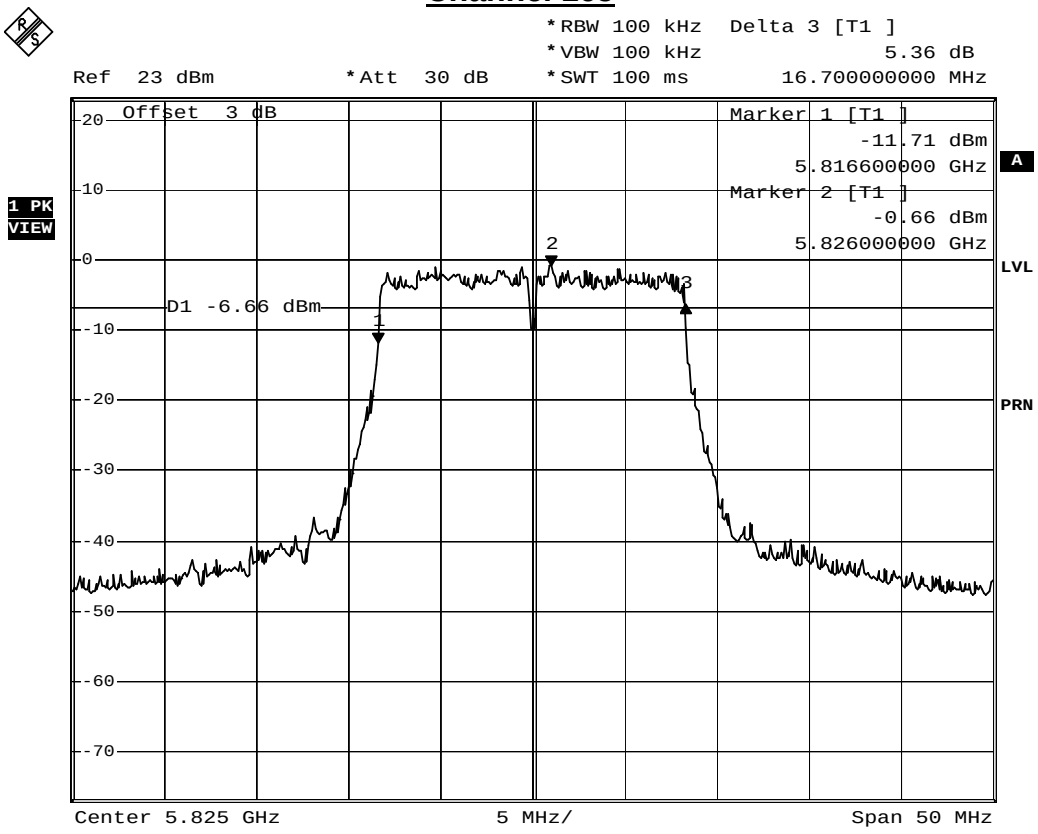
Date: 27.AUG.2010 11:20:30

Channel 157



Date: 27.AUG.2010 11:18:50

Channel 165

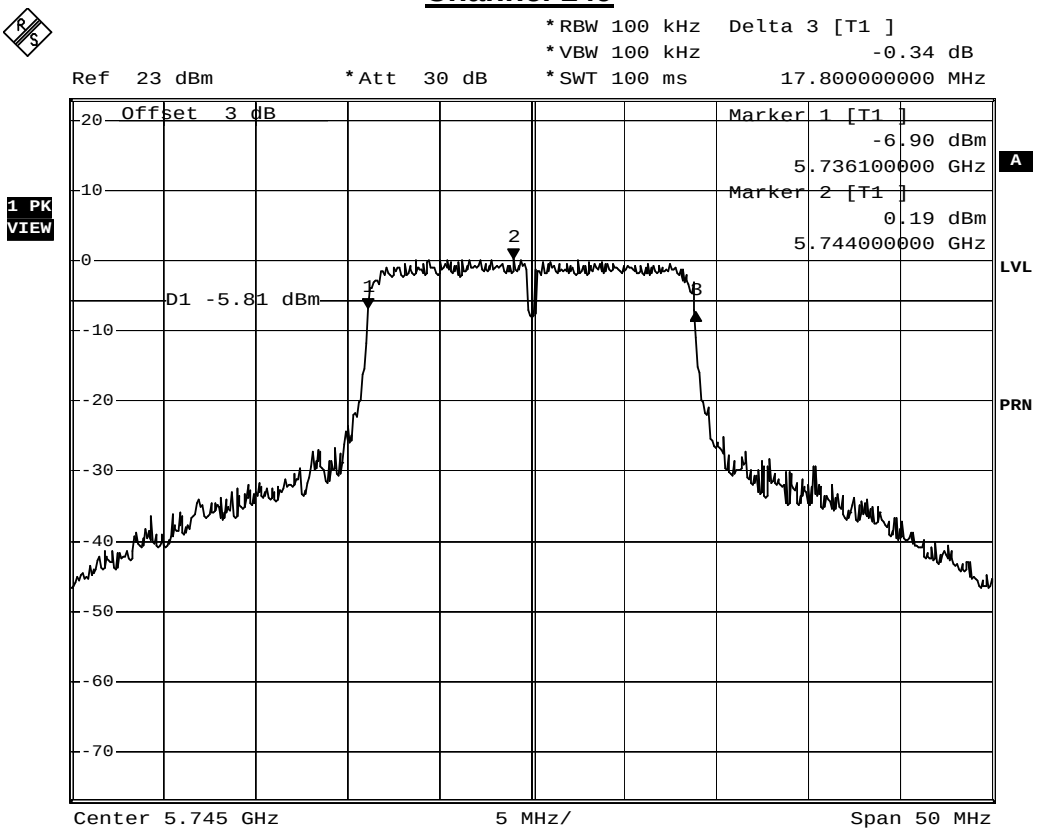


Date: 27.AUG.2010 11:17:03

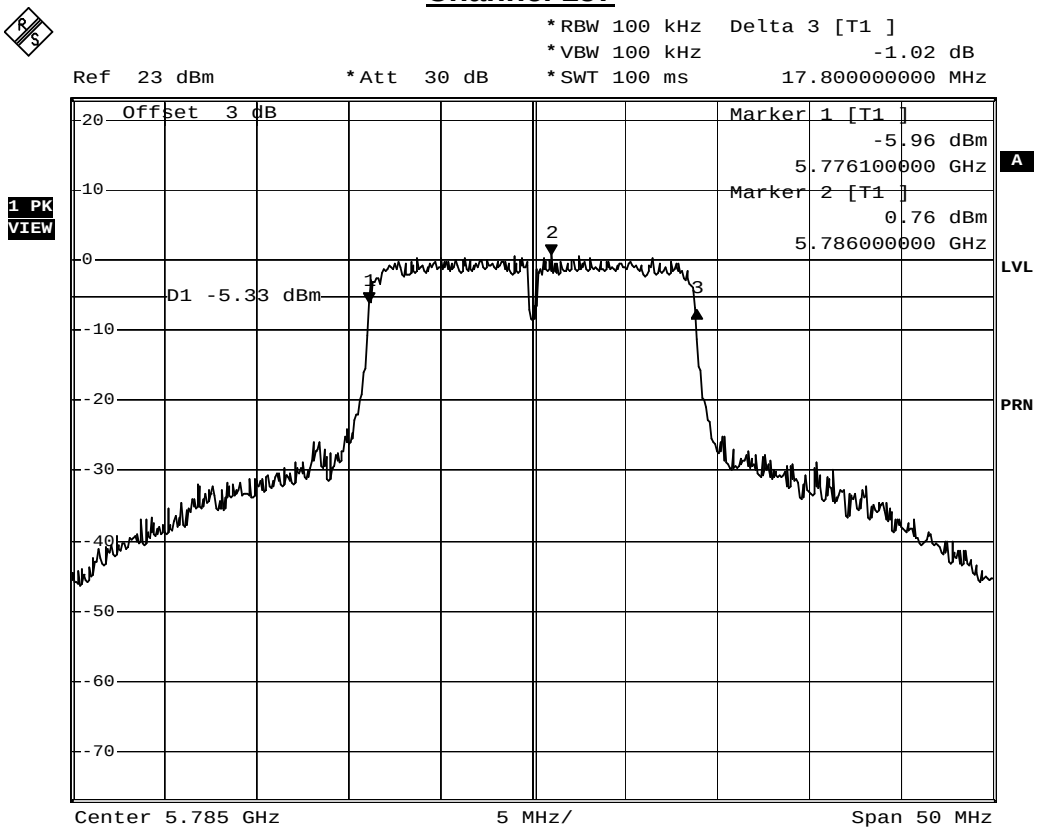
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/27	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz)(ANT A)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	17800	≧500	Pass
157	5785	17800	≧500	Pass
165	5825	17800	≧500	Pass

Channel 149

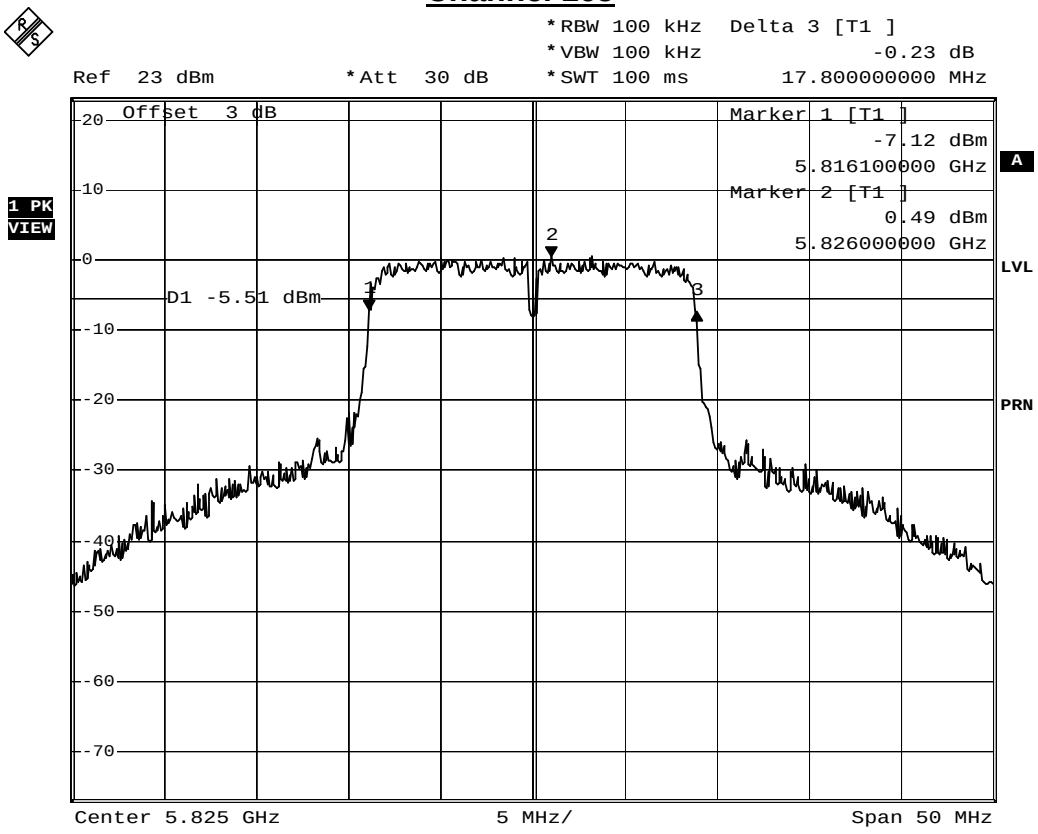


Channel 157



Date: 27.AUG.2010 11:24:18

Channel 165

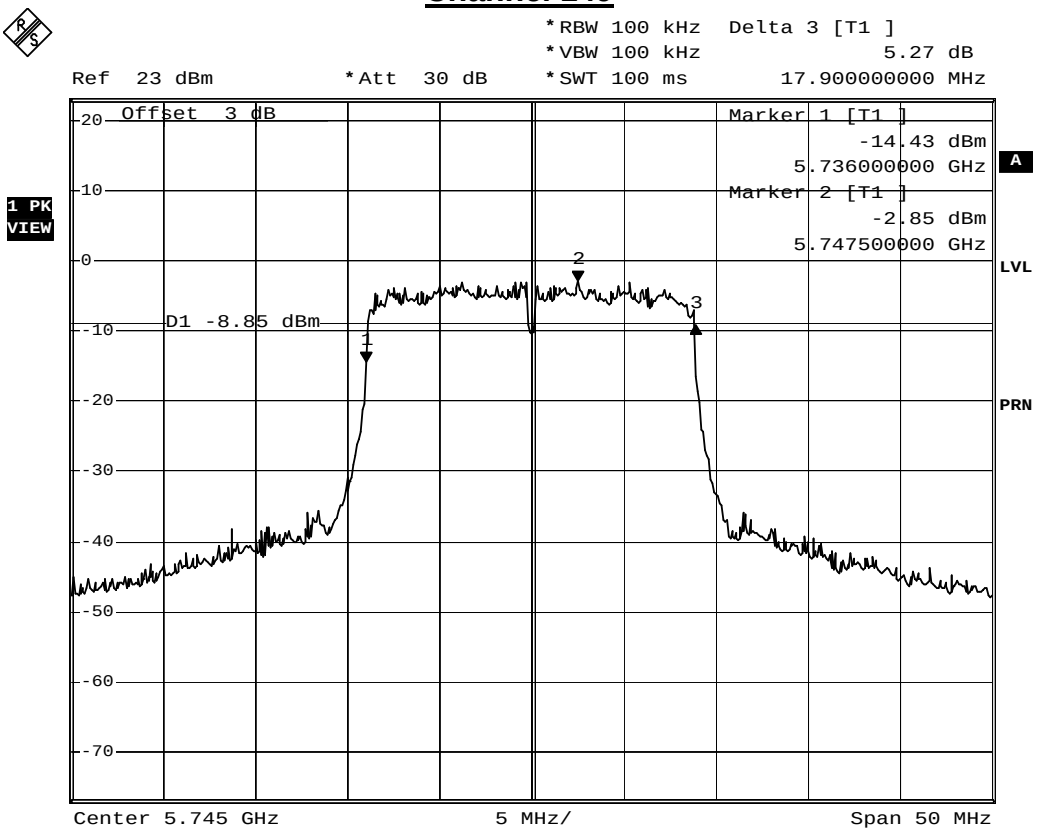


Date: 27.AUG.2010 11:25:49

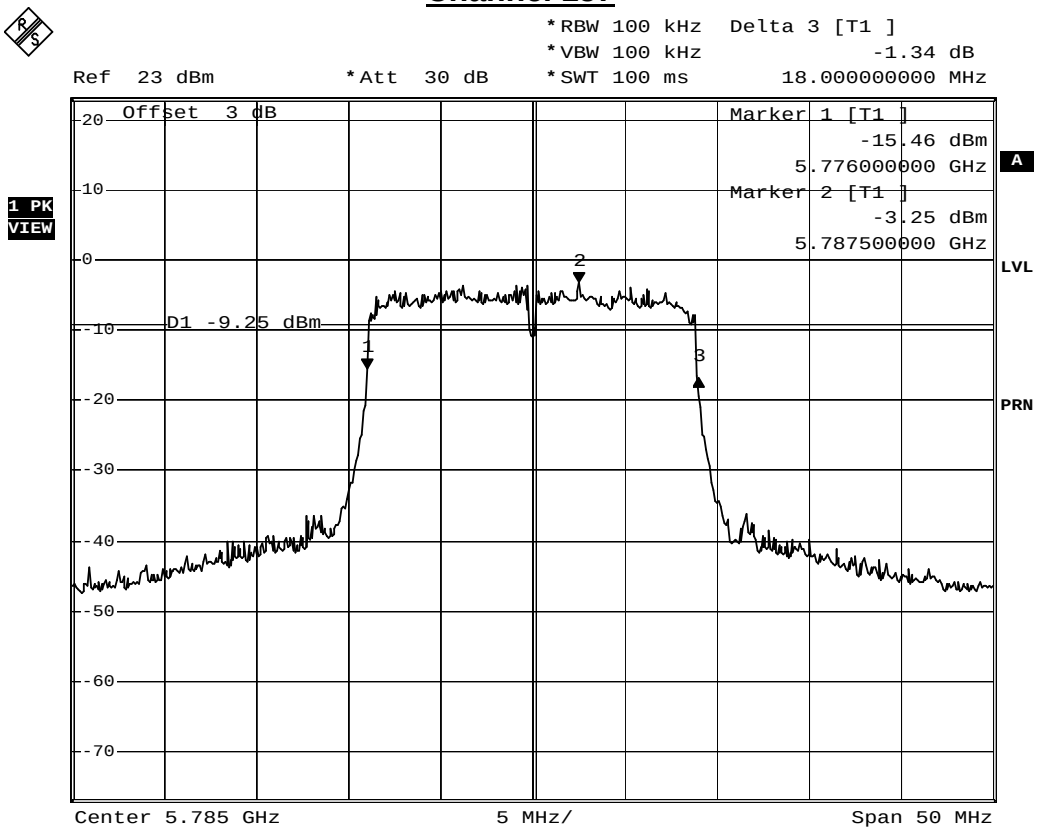
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/27	Test Site	No.7 Shielding Room

IEEE 802.11n (20MHz)(ANT B)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	17900	≧500	Pass
157	5785	18000	≧500	Pass
165	5825	17800	≧500	Pass

Channel 149

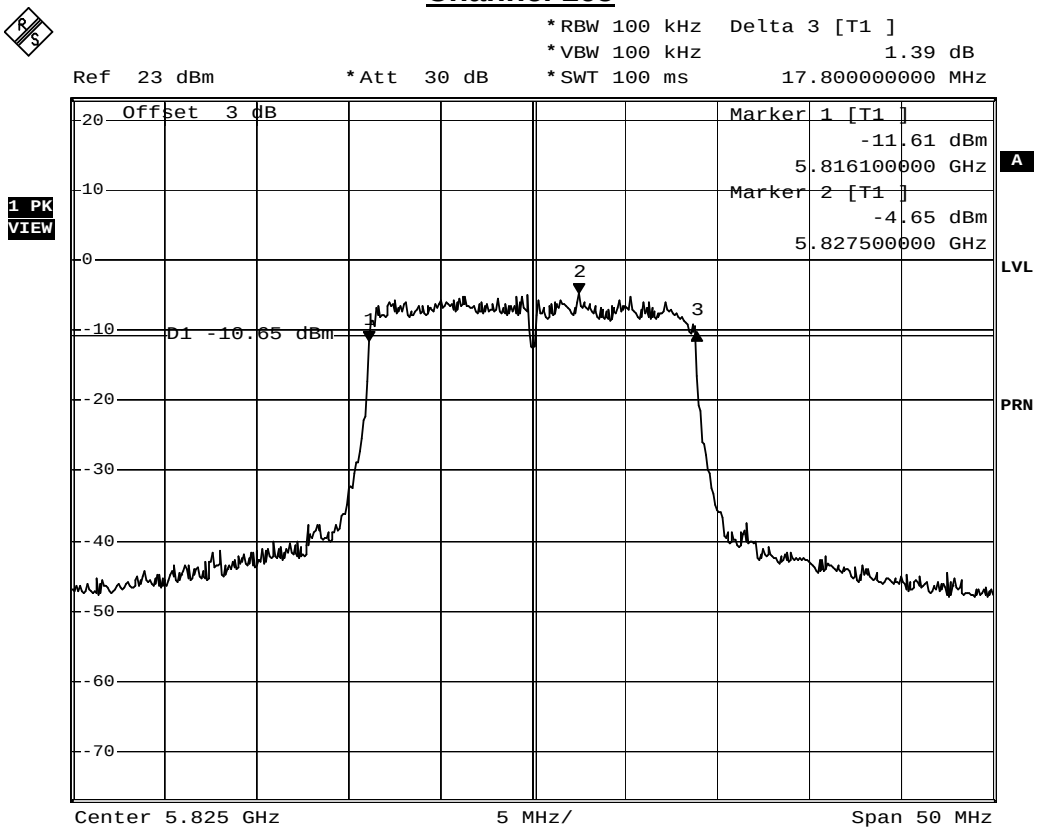


Channel 157



Date: 27.AUG.2010 16:27:54

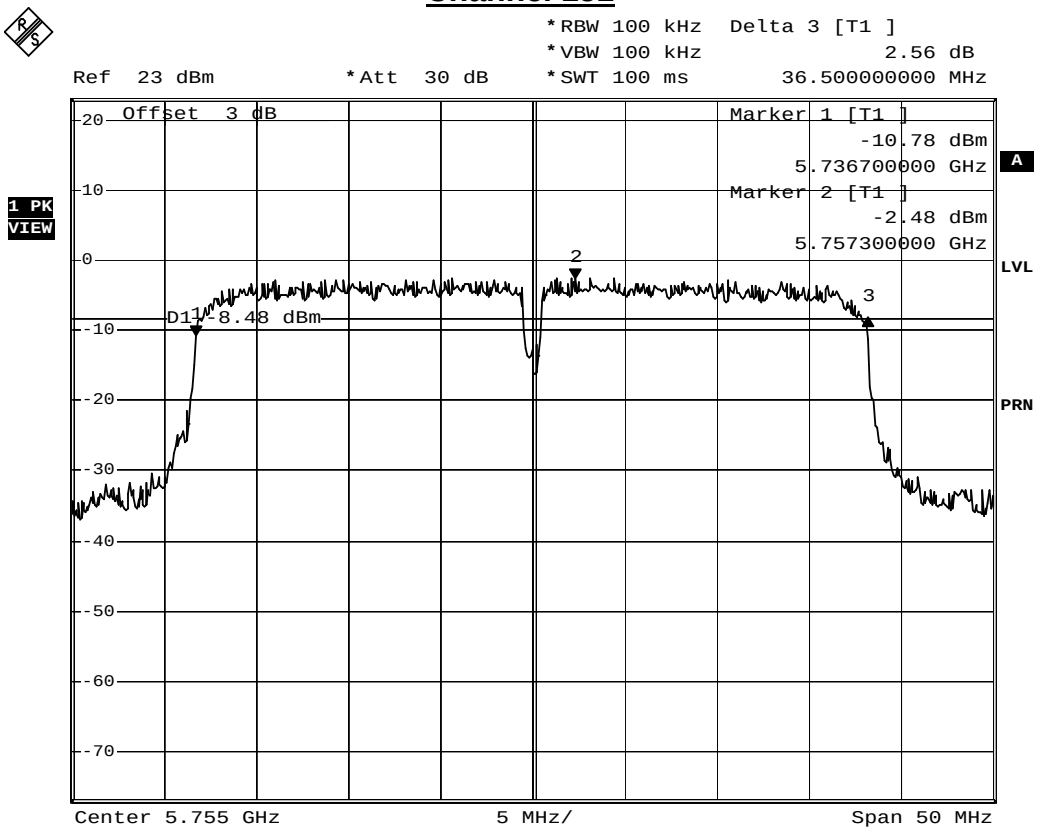
Channel 165


*RBW 100 kHz
*VBW 100 kHz
*SWT 100 ms
Delta 3 [T1]
1.39 dB
17.800000000 MHz
Ref 23 dBm
*Att 30 dB
Offset 3 dB
Marker 1 [T1]
-11.61 dBm
5.816100000 GHz
Marker 2 [T1]
-4.65 dBm
5.827500000 GHz
1 PK
VIEW
A
LVL
PRN
D1 -10.65 dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
Center 5.825 GHz
5 MHz/
Span 50 MHz
Date: 27.AUG.2010 16:25:46

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/27	Test Site	No.7 Shielding Room

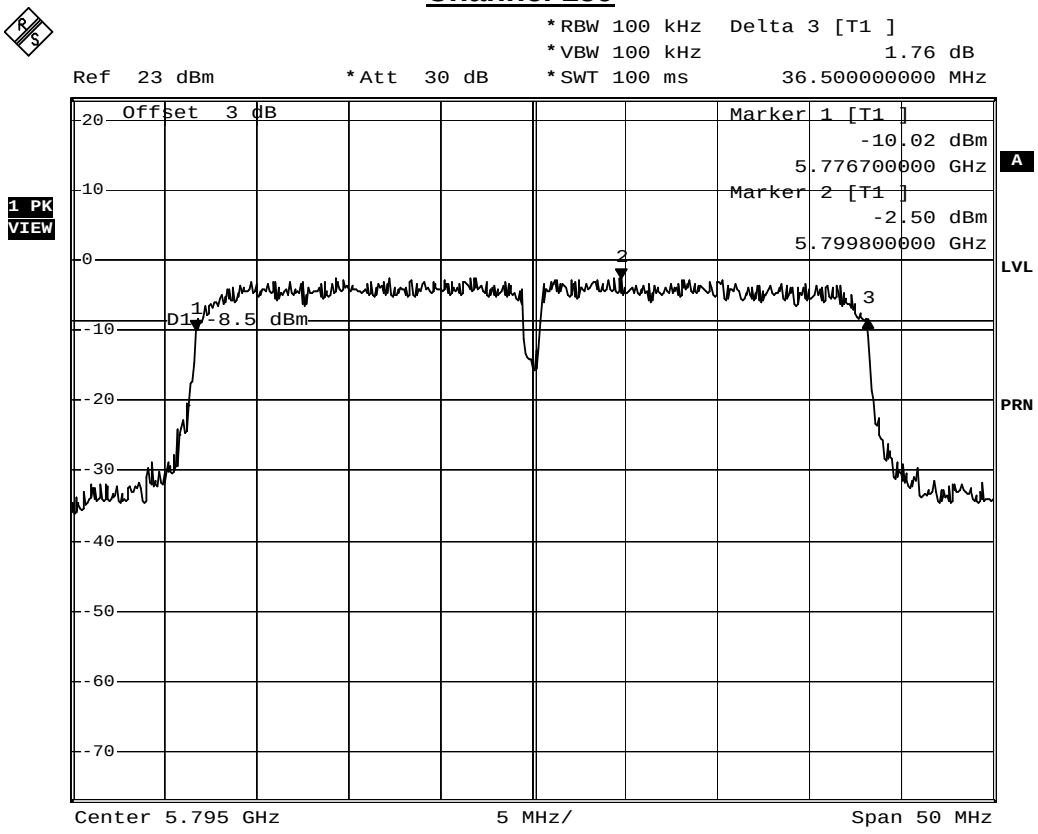
IEEE 802.11n (40MHz)(ANT A)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	36500	≧500	Pass
159	5795	36500	≧500	Pass

Channel 151



Date: 27.AUG.2010 11:32:35

Channel 159

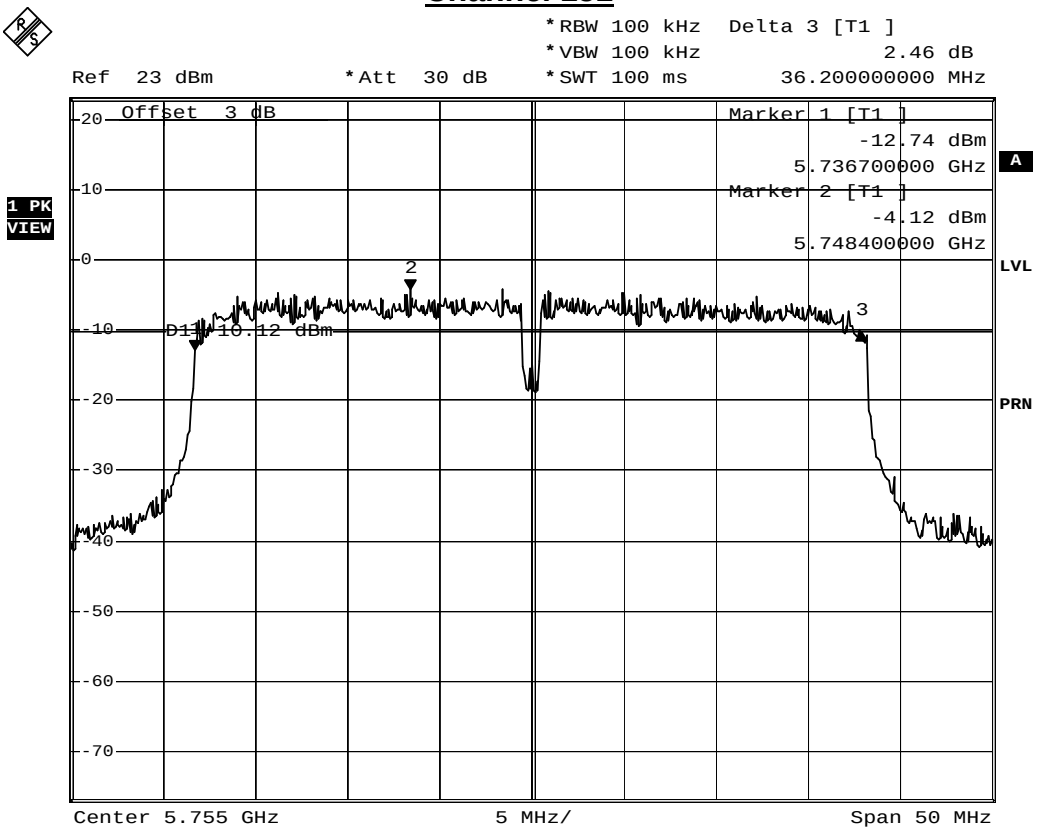


Date: 27.AUG.2010 11:34:22

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2010/08/27	Test Site	No.7 Shielding Room

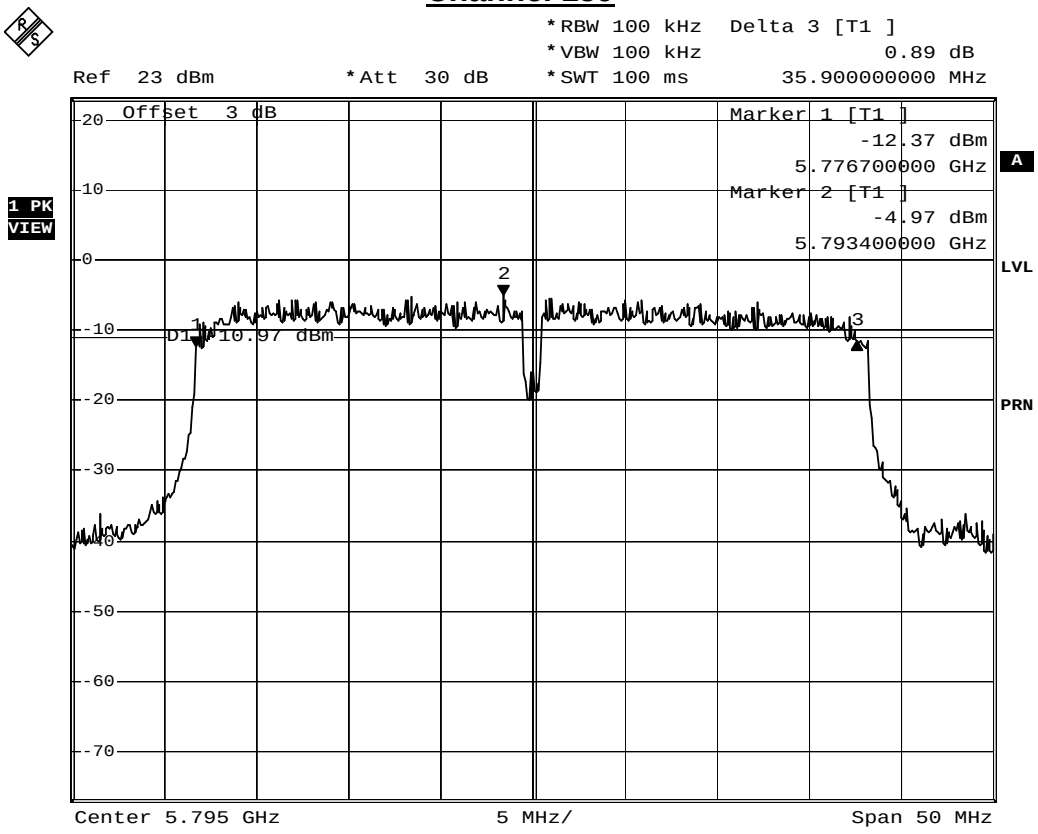
IEEE 802.11n (40MHz)(ANT B)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	36200	≧500	Pass
159	5795	35900	≧500	Pass

Channel 151



Date: 27.AUG.2010 16:31:10

Channel 159



Date: 27.AUG.2010 16:33:37

8. Power Density

8.1. Test Equipment

The following test equipment are used during the test:

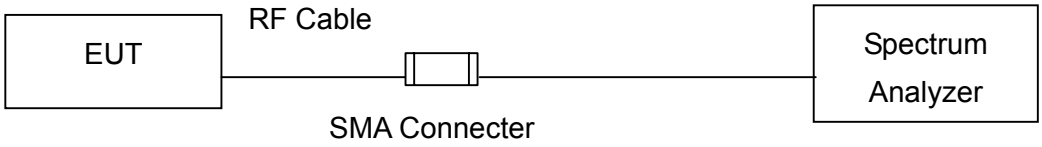
Power Density / No.7 Shielding Room

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

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

8.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



8.3. Limits

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

8.4. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW≧ 9 kHz, Sweep time=Auto, Set detector=Peak detector

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

8.6. Uncertainty

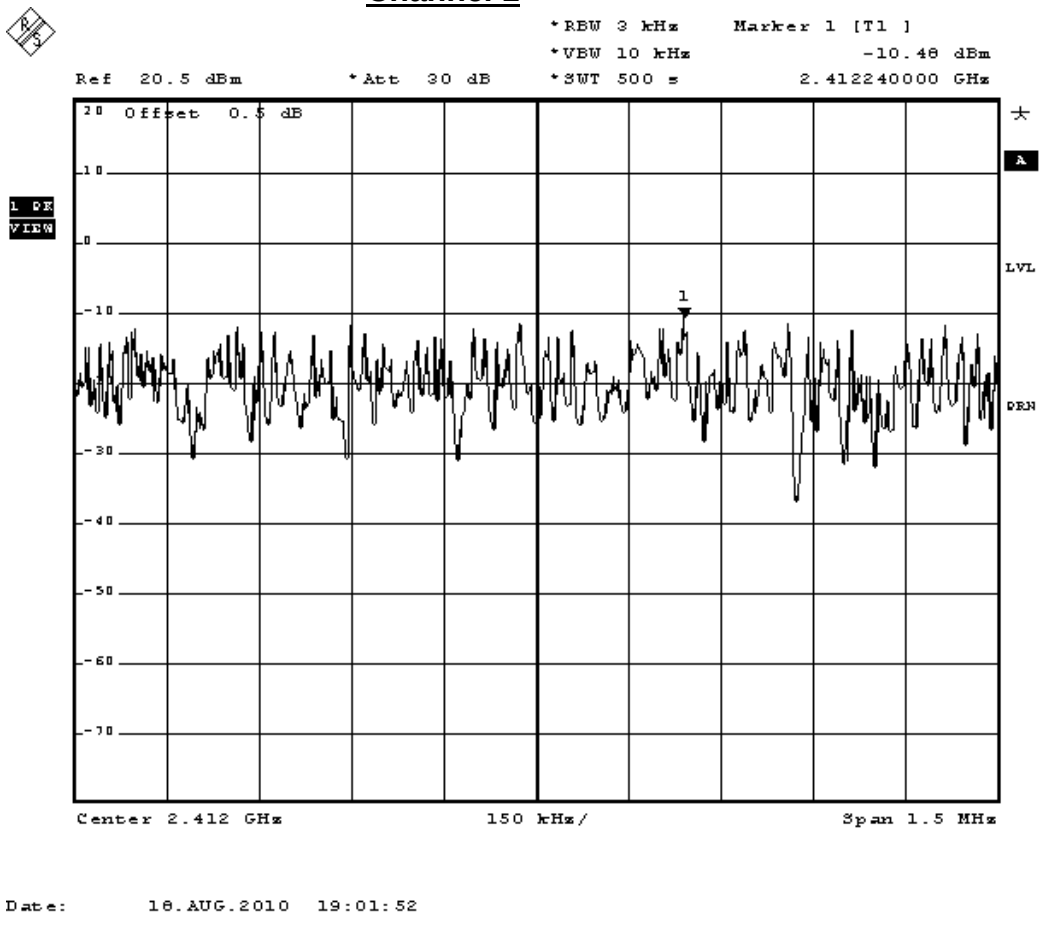
The measurement uncertainty is defined as ±1.27dB.

8.7. Test Result

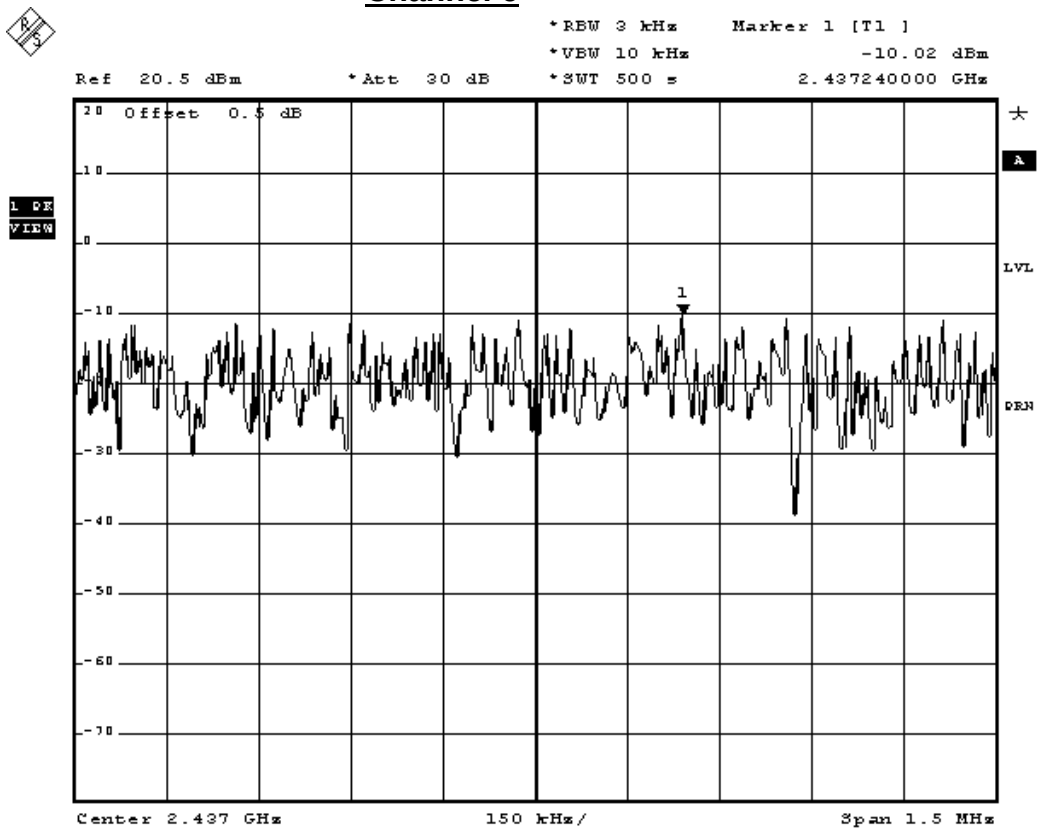
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.48	≦8	Pass
6	2437	-10.02	≦8	Pass
11	2462	-9.05	≦8	Pass

Channel 1

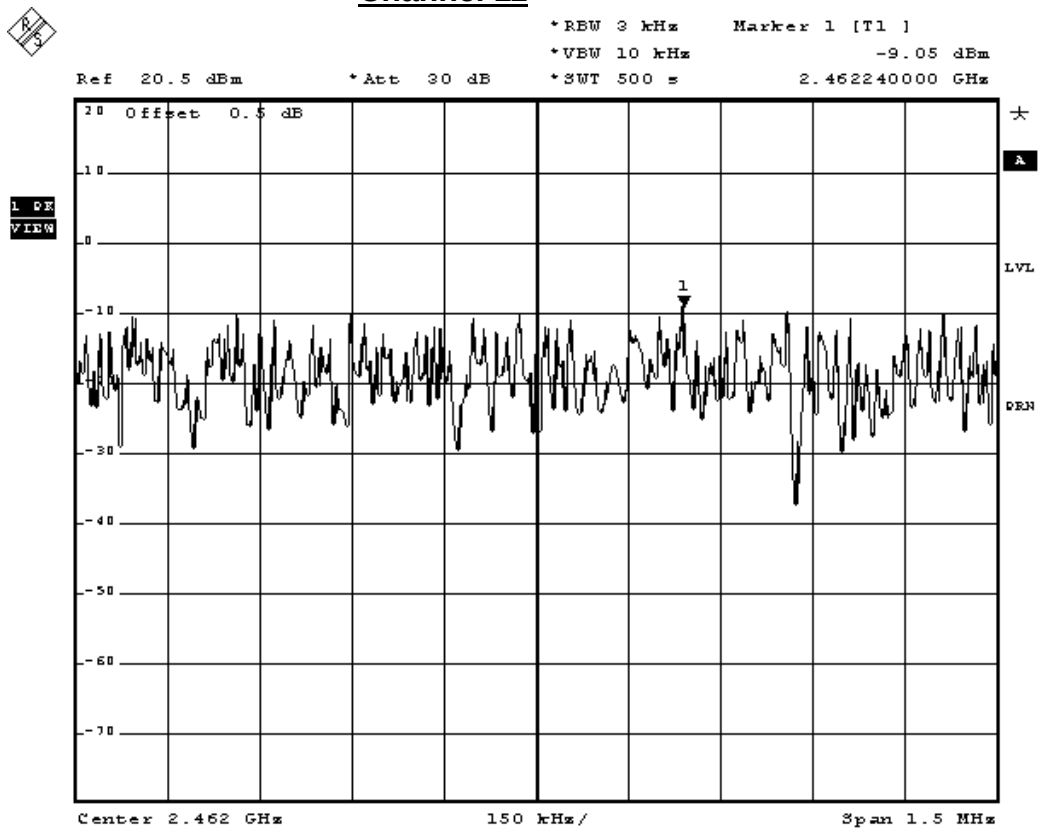


Channel 6



Date: 18.AUG.2010 19:08:04

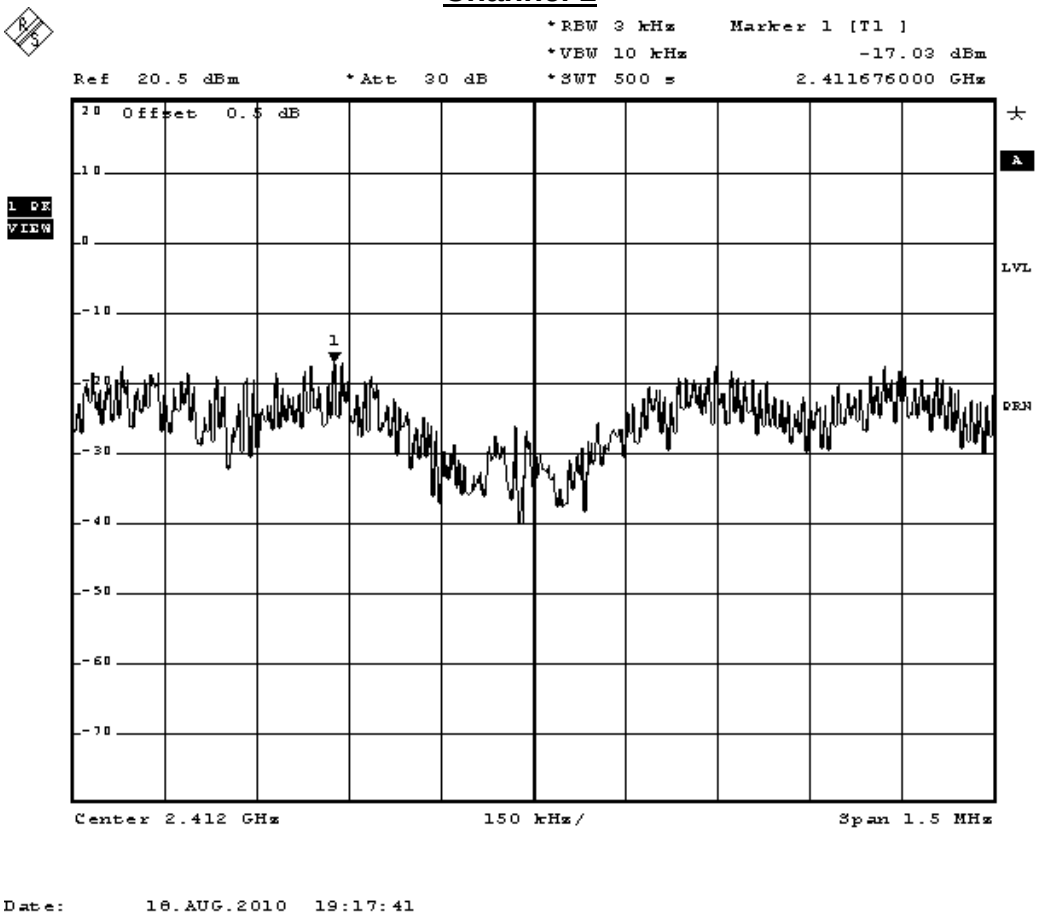
Channel 11


*RBW 3 kHz
Marker 1 [T1]
*VBW 10 kHz
-9.05 dBm
Ref 20.5 dBm
*Att 30 dB
*SWT 500 s
2.462240000 GHz
20 Offset 0.5 dB
10
0
-10
-30
-40
-50
-60
-70
1 PK VIEW
A
LVL
DRN
Center 2.462 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 19:14:58

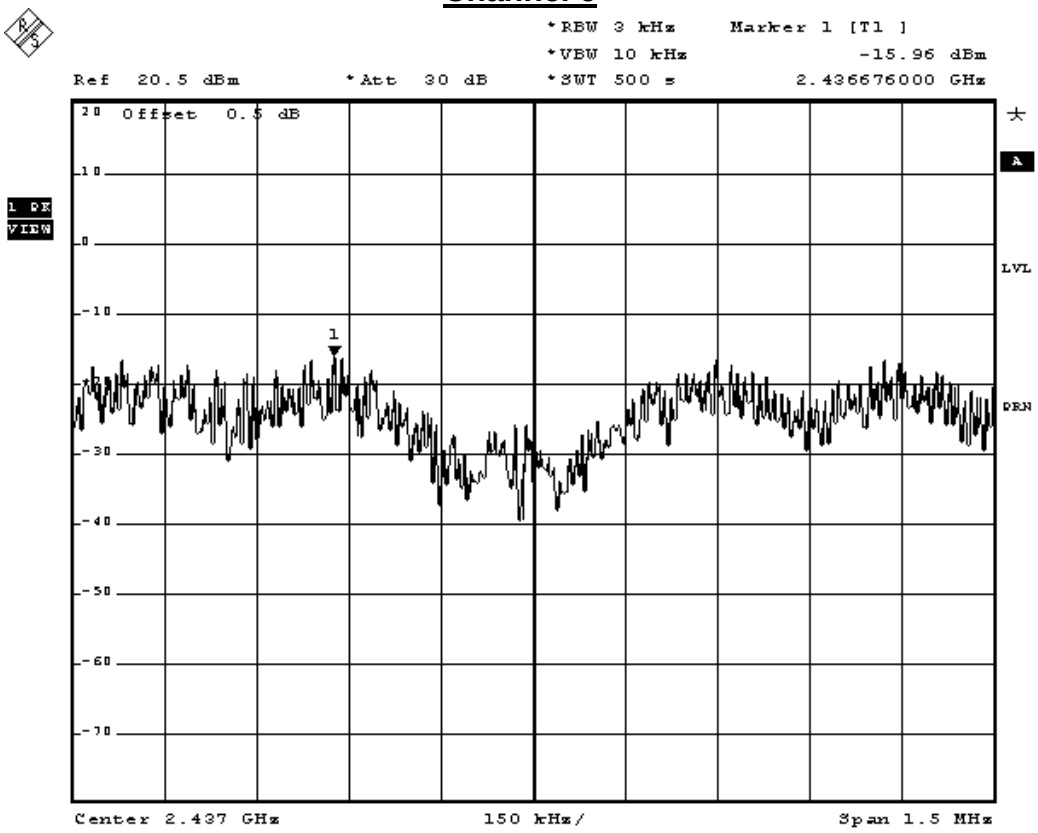
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-17.03	≦8	Pass
6	2437	-15.96	≦8	Pass
11	2462	-17.39	≦8	Pass

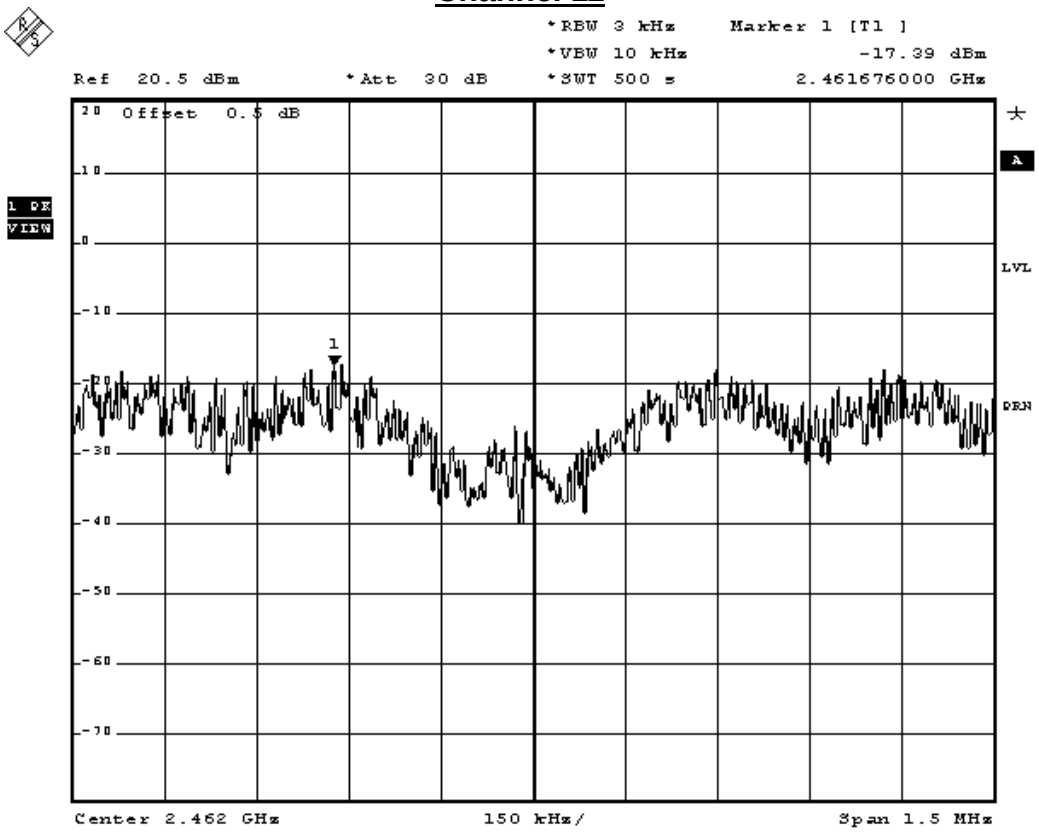
Channel 1



Channel 6


*RBW 3 kHz
Marker 1 [T1]
*VBW 10 kHz
-15.96 dBm
Ref 20.5 dBm
*Att 30 dB
*SWT 500 s
2.436676000 GHz
Offset 0.5 dB
1 PK
VIEW
A
LVL
PRN
Center 2.437 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 19:19:08

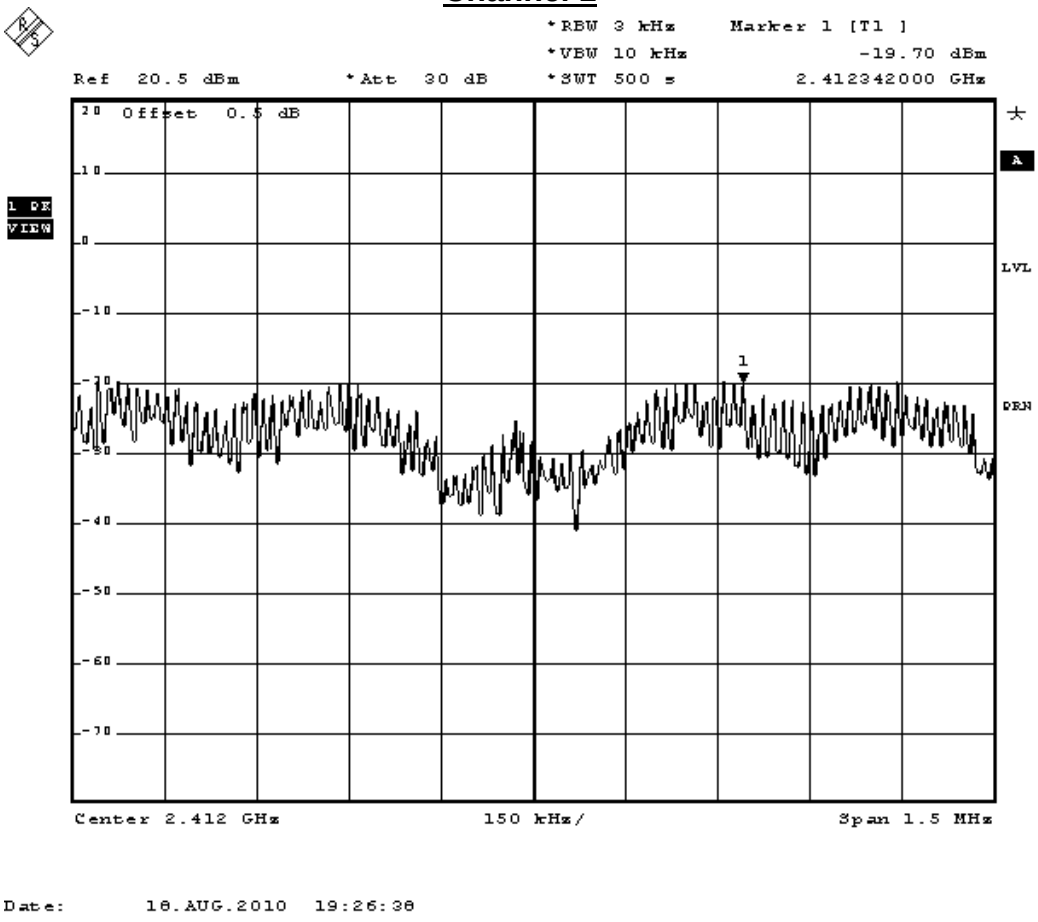
Channel 11


*RBW 3 kHz
Marker 1 [T1]
*VBW 10 kHz
-17.39 dBm
Ref 20.5 dBm
*Att 30 dB
*SWT 500 s
2.461676000 GHz
Offset 0.5 dB
1 PK VIEW
A
LVL
PRN
Center 2.462 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 19:21:49

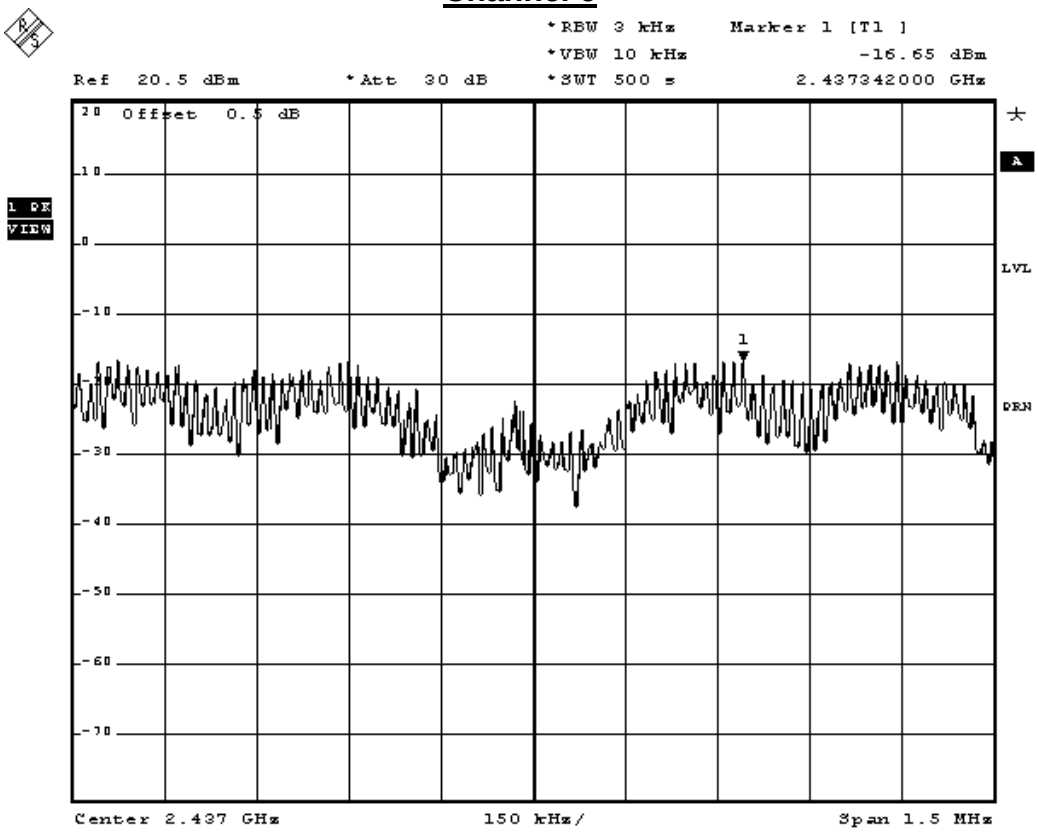
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE802.11n_20MHz_(ANT A)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-19.70	≦8	Pass
6	2437.00	-16.65	≦8	Pass
11	2462.00	-16.67	≦8	Pass

Channel 1

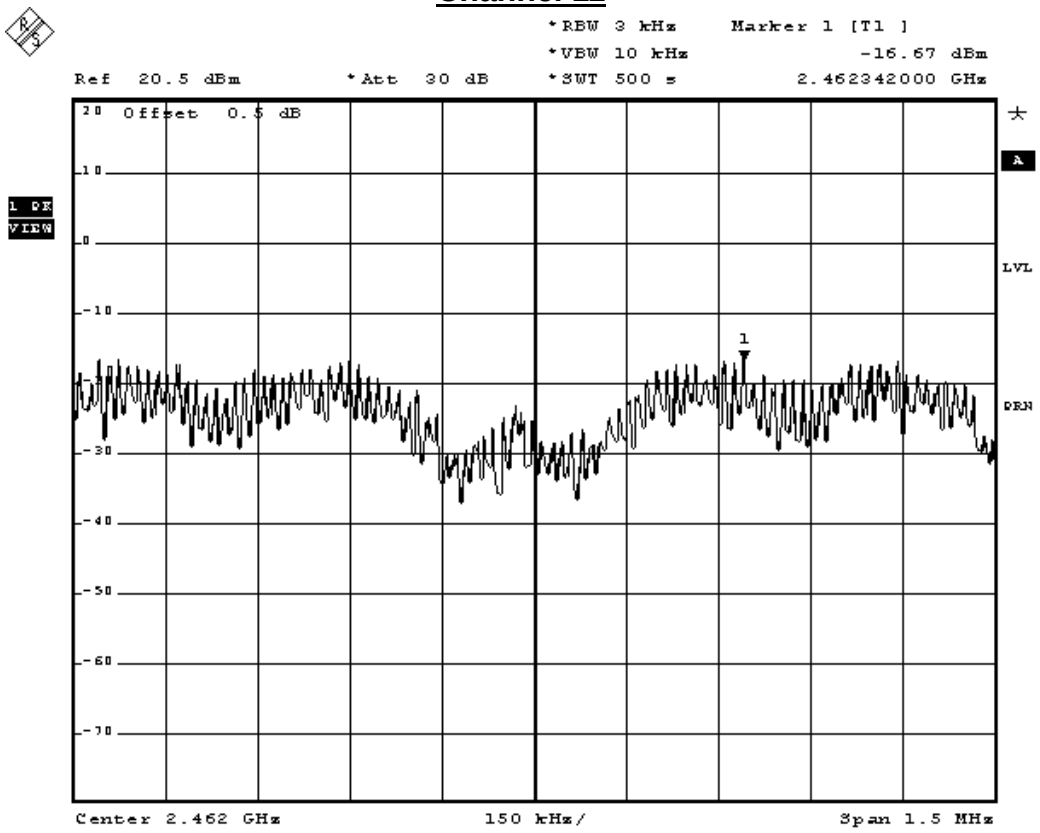


Channel 6



Date: 18.AUG.2010 19:29:08

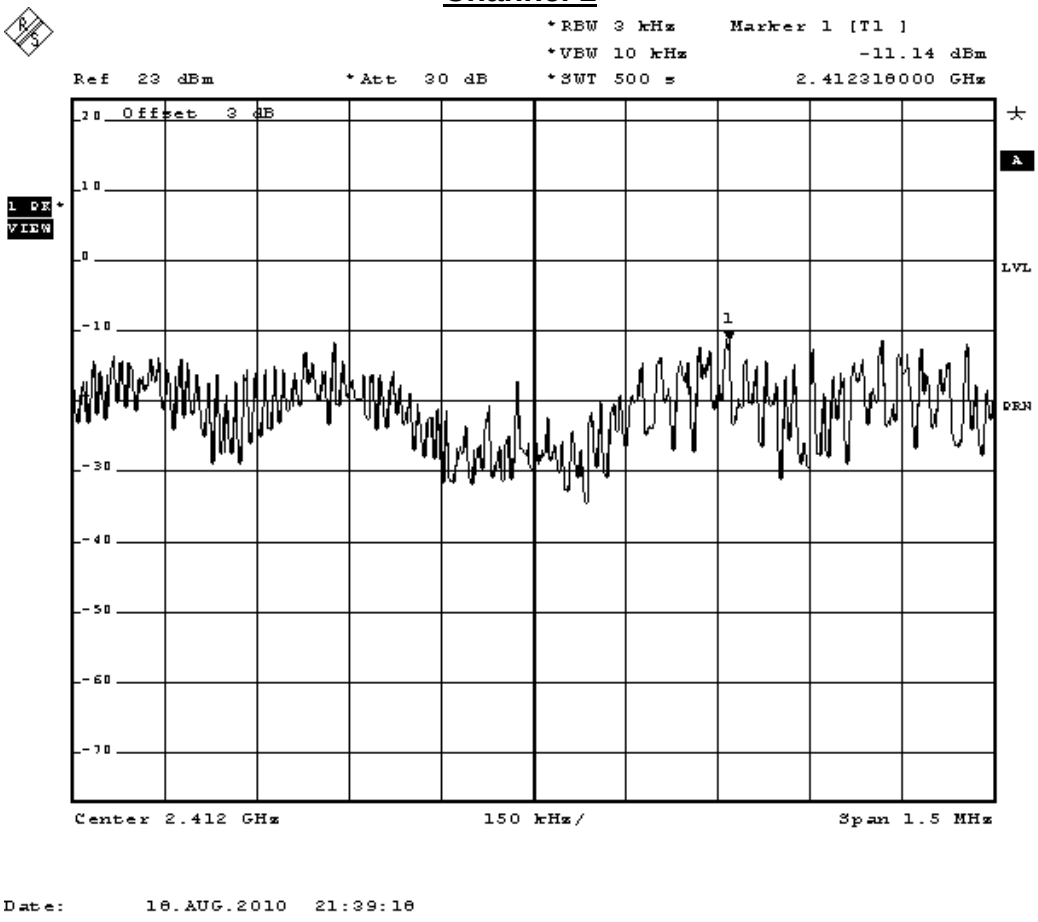
Channel 11


*RBW 3 kHz
*VBW 10 kHz
*SWT 500 s
Marker 1 [T1]
-16.67 dBm
2.462342000 GHz
Ref 20.5 dBm
*Att 30 dB
Offset 0.5 dB
1 PK VIEW
A
LVL
DEN
Center 2.462 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 19:30:47

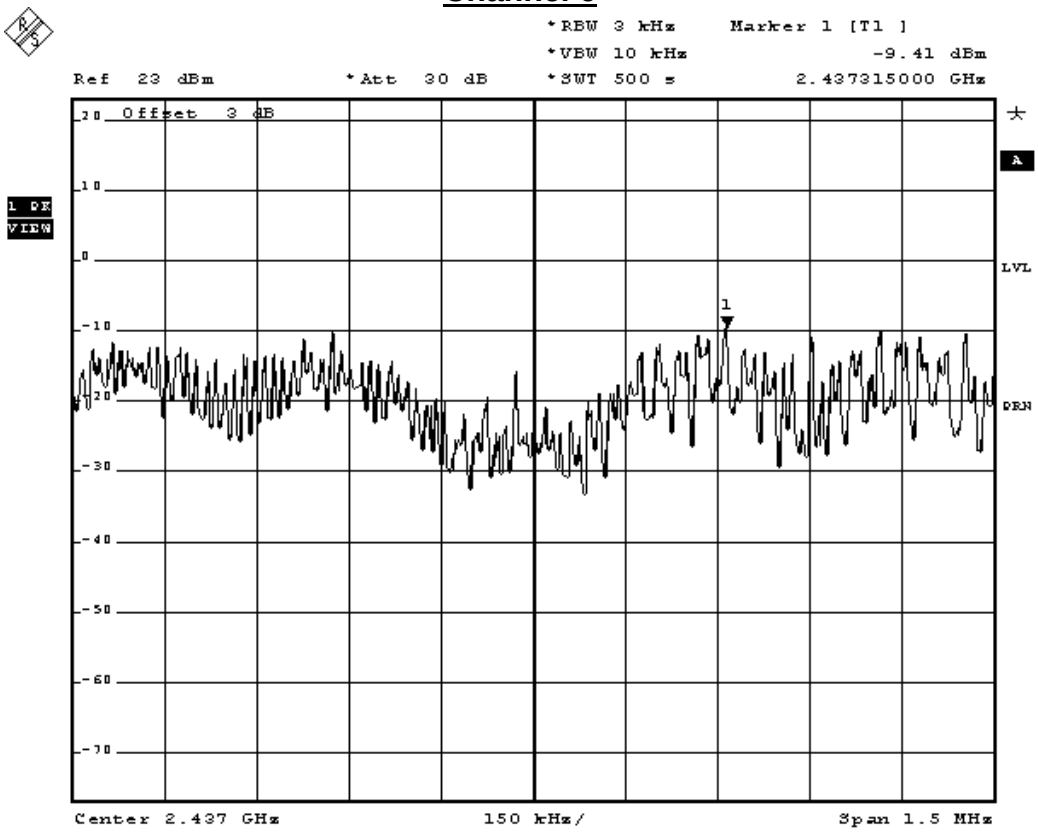
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE802.11n_20MHz_(ANT B)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-11.14	≦8	Pass
6	2437.00	-9.41	≦8	Pass
11	2462.00	-9.82	≦8	Pass

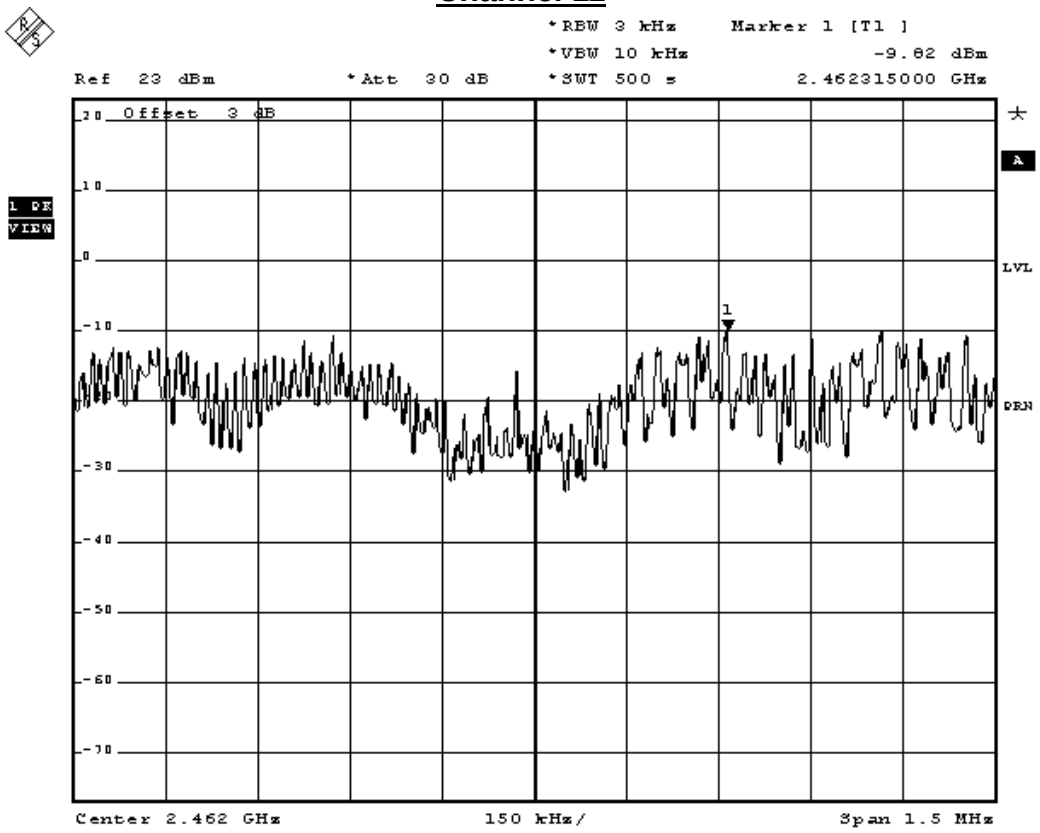
Channel 1



Channel 6


*RBW 3 kHz
Marker 1 [T1]
*VBW 10 kHz
-9.41 dBm
Ref 23 dBm
*Att 30 dB
*SWT 500 s
2.437315000 GHz
Offset 3 dB
1 PK VIEW
A
LVL
DEN
Center 2.437 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 21:41:29

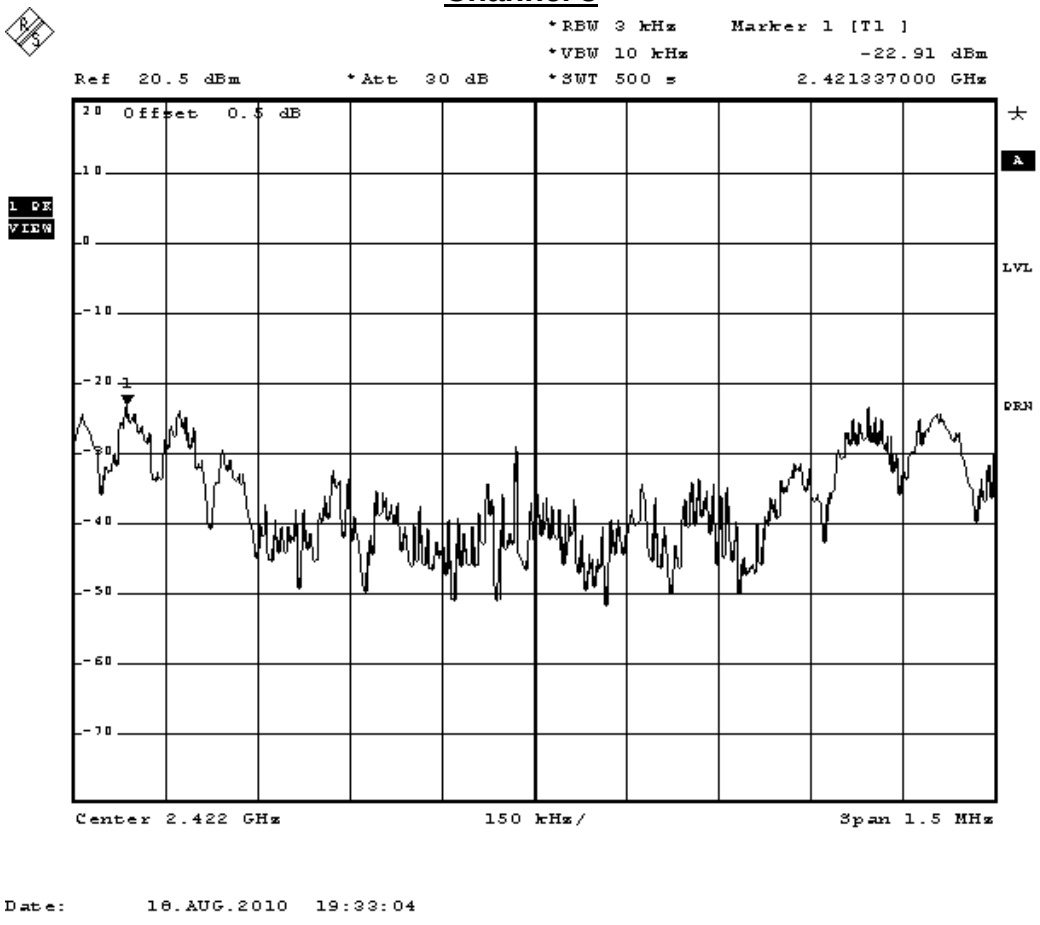
Channel 11


*RBW 3 kHz
*VBW 10 kHz
*SWT 500 s
Marker 1 [T1]
-9.82 dBm
2.462315000 GHz
Ref 23 dBm
*Att 30 dB
Offset 3 dB
1 PK VIEW
A
LVL
DEN
Center 2.462 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 21:43:35

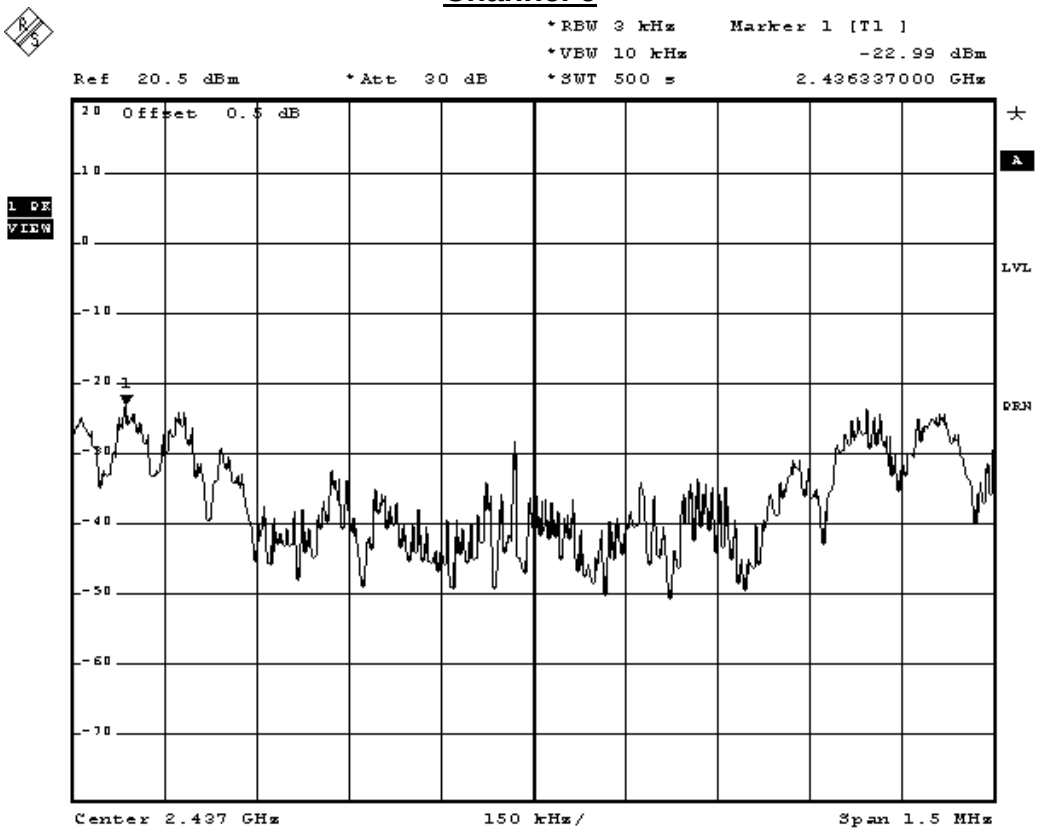
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n_40MHz (ANT A)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-22.91	≦8	Pass
6	2437	-22.99	≦8	Pass
9	2452	-22.37	≦8	Pass

Channel 3

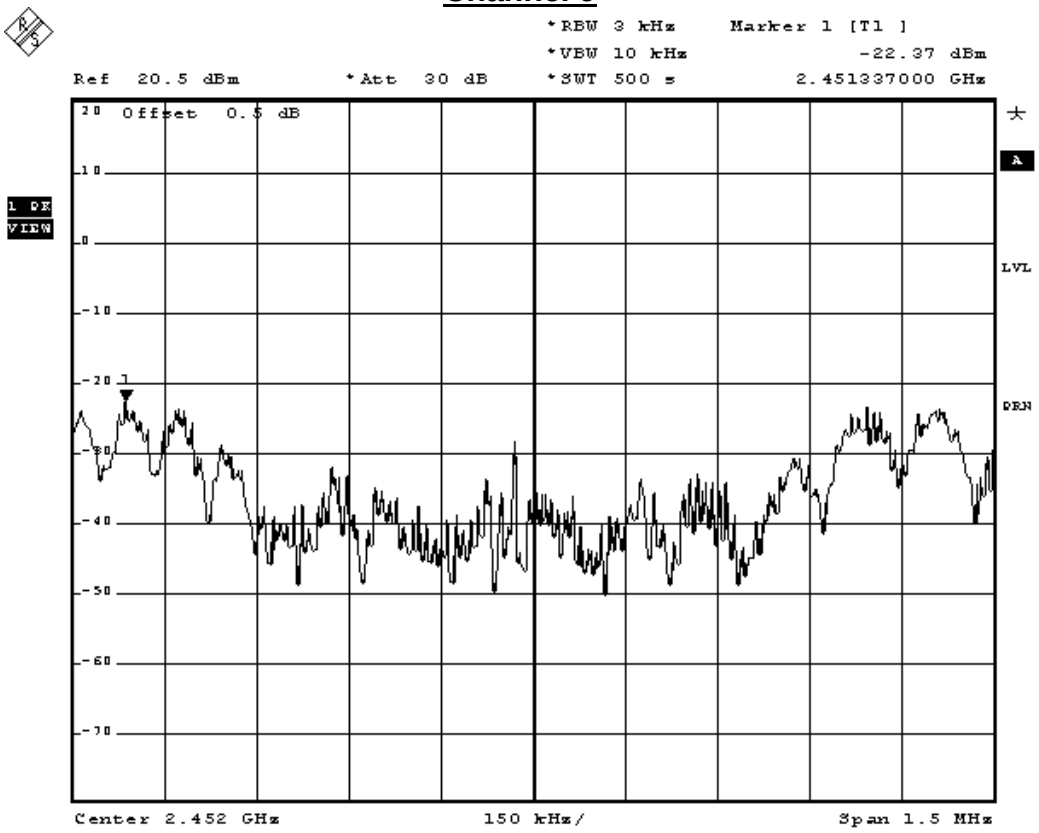


Channel 6



Date: 18.AUG.2010 19:35:12

Channel 9

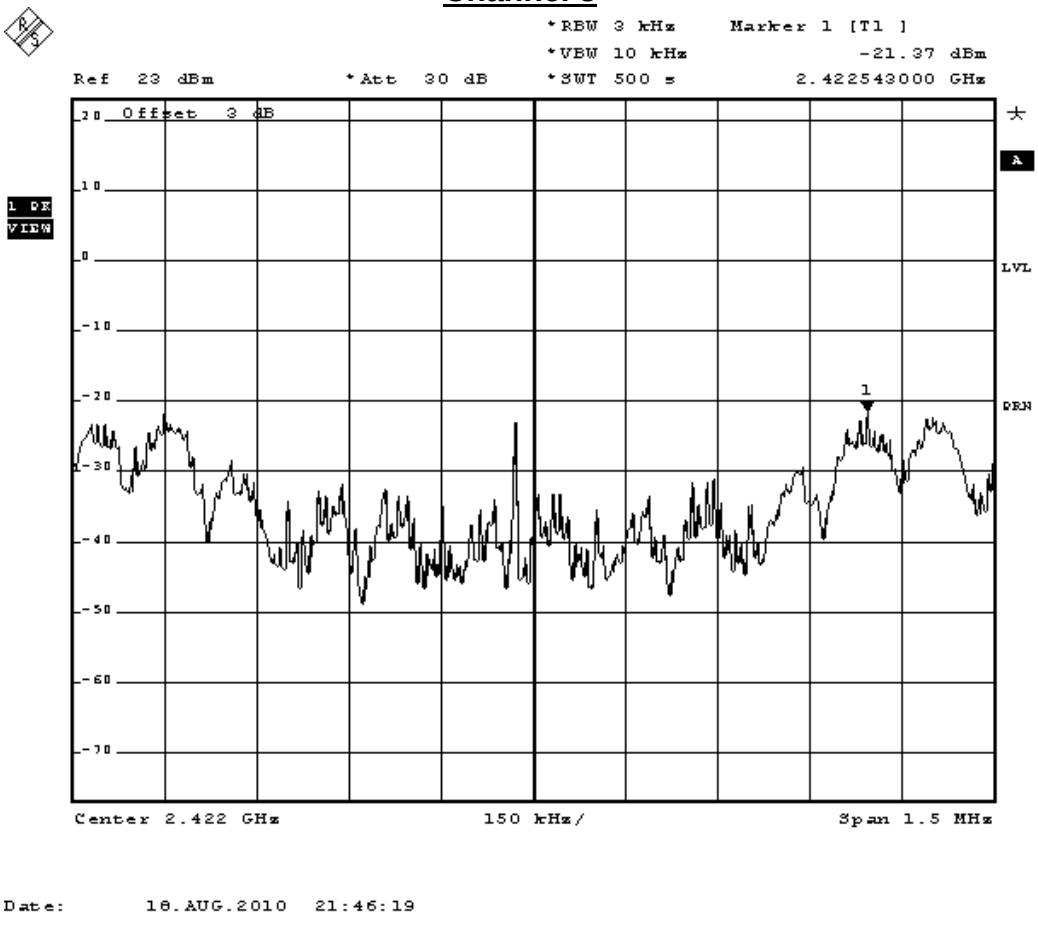


Date: 18.AUG.2010 21:30:45

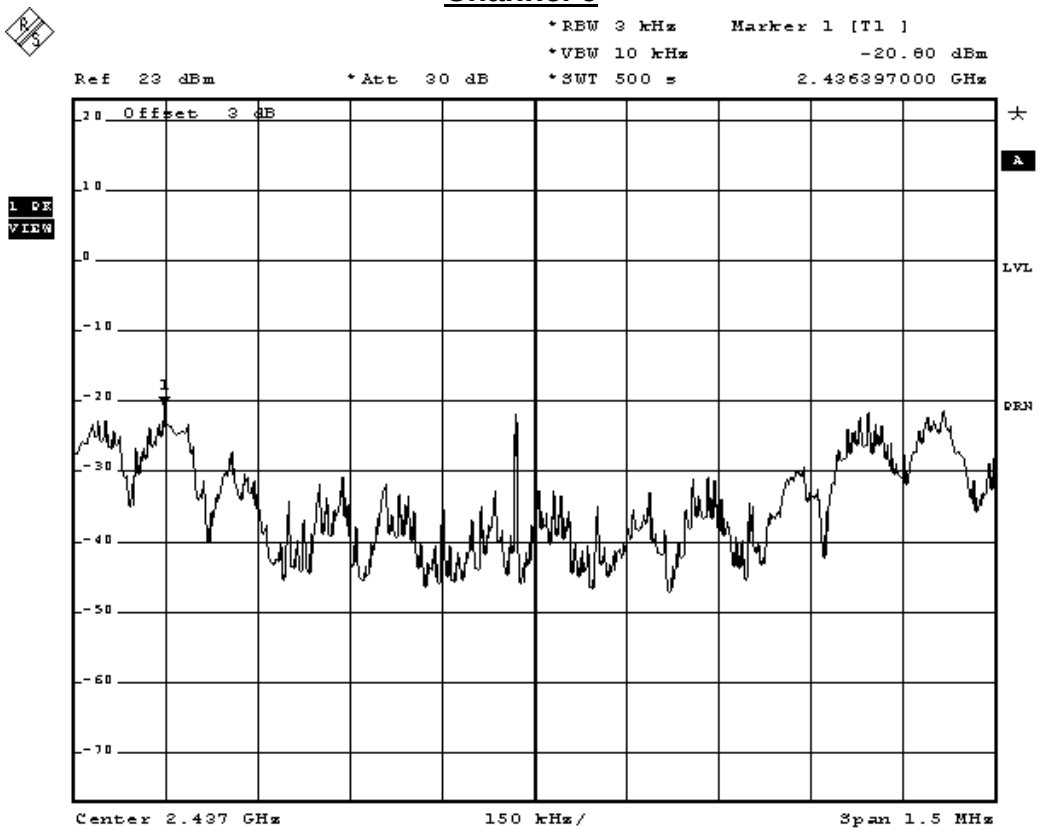
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE 802.11n_40MHz (ANT B)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-21.37	≦8	Pass
6	2437	-20.80	≦8	Pass
9	2452	-21.20	≦8	Pass

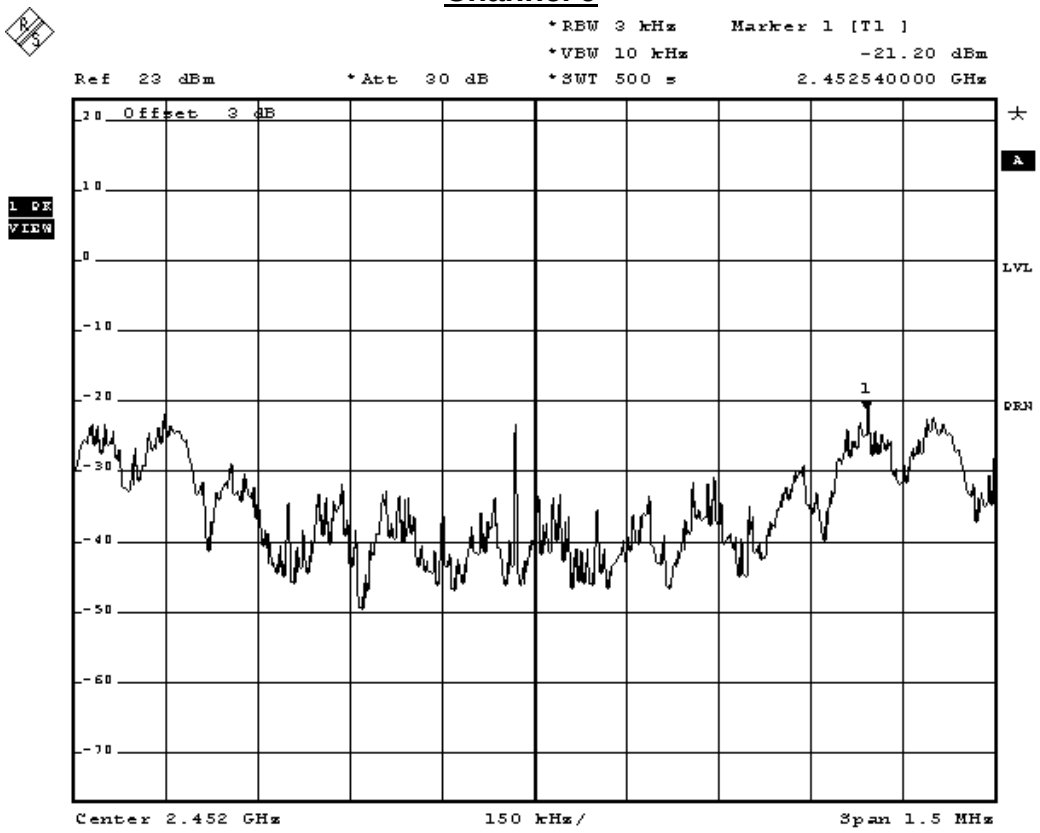
Channel 3



Channel 6


*RBW 3 kHz
Marker 1 [T1]
*VBW 10 kHz
-20.80 dBm
Ref 23 dBm
*Att 30 dB
*SWT 500 s
2.436397000 GHz
Offset 3 dB
1 PK VIEW
A
LVL
PRN
Center 2.437 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 21:49:16

Channel 9


*RBW 3 kHz
*VBW 10 kHz
*SWT 500 s
Marker 1 [T1]
-21.20 dBm
2.452540000 GHz
Ref 23 dBm
*Att 30 dB
Offset 3 dB
1 PK VIEW
A
LVL
DEN
Center 2.452 GHz
150 kHz/
Span 1.5 MHz
Date: 18.AUG.2010 21:54:47

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/18	Test Site	No.7 Shielding Room

IEEE802.11n 20MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.57	≦8	Pass
6	2437	-8.66	≦8	Pass
11	2462	-9.00	≦8	Pass

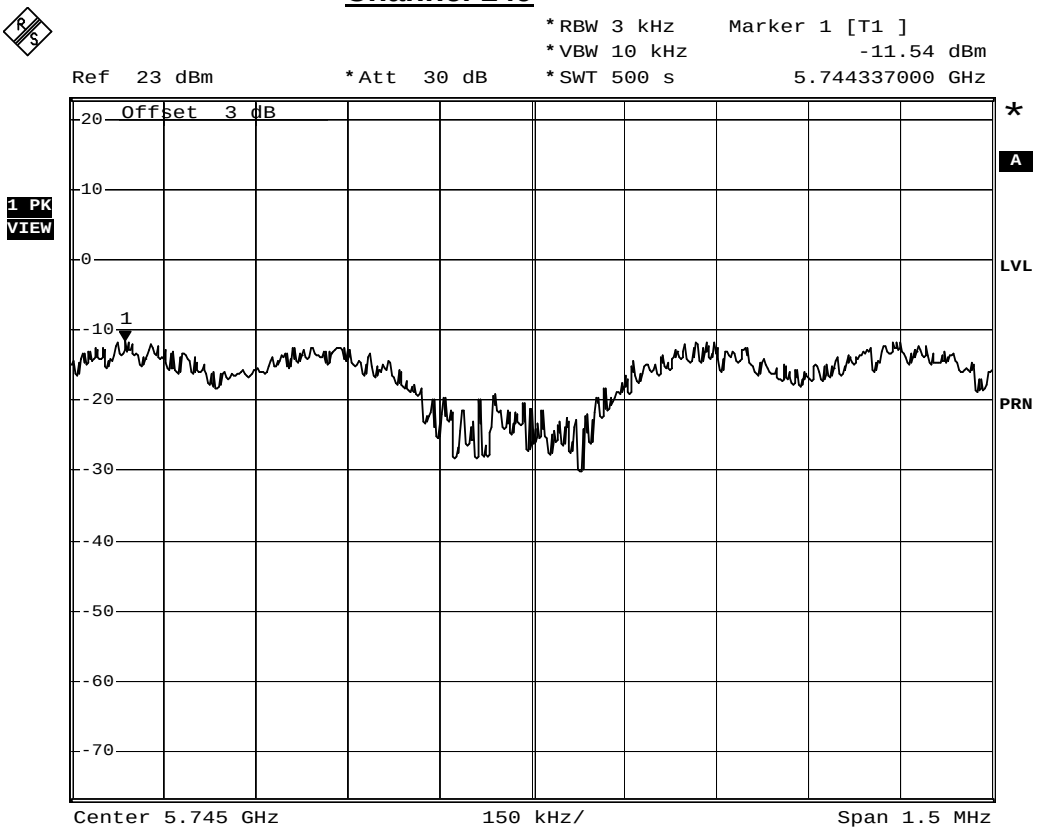
IEEE802.11n 40MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-19.06	≦8	Pass
6	2437	-18.75	≦8	Pass
9	2452	-9.59	≦8	Pass

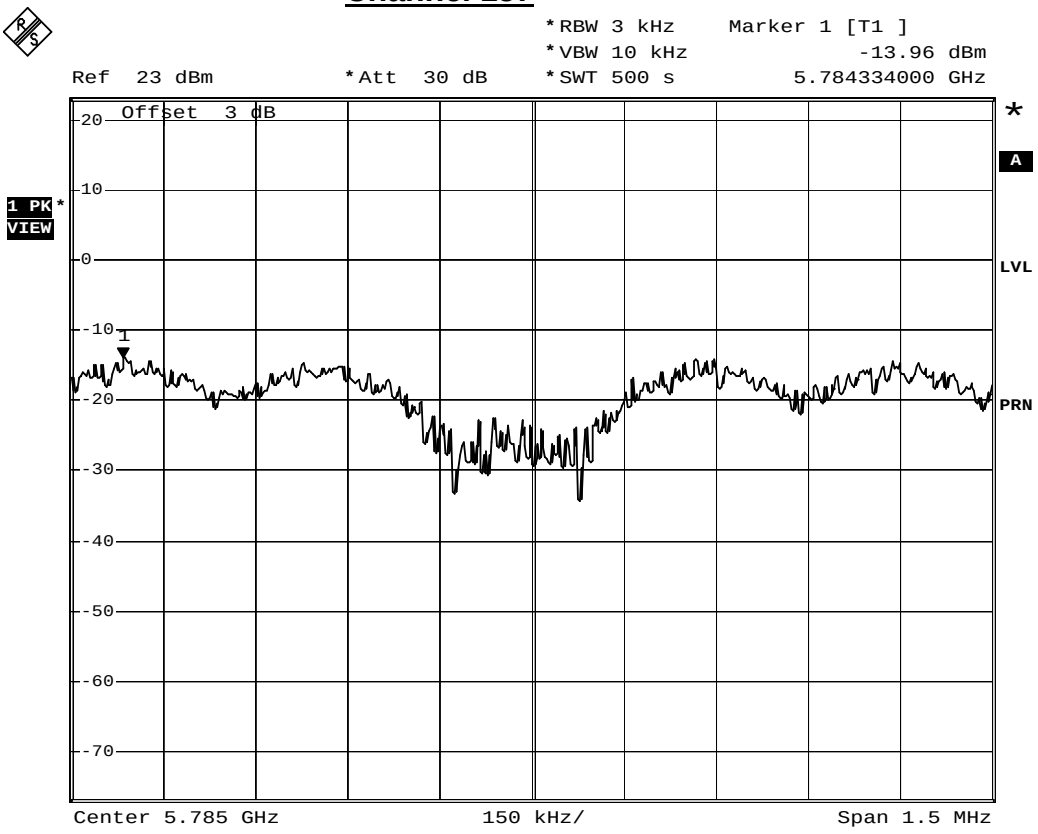
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-11.54	≦8	Pass
157	5785	-13.96	≦8	Pass
165	5825	-13.71	≦8	Pass

Channel 149

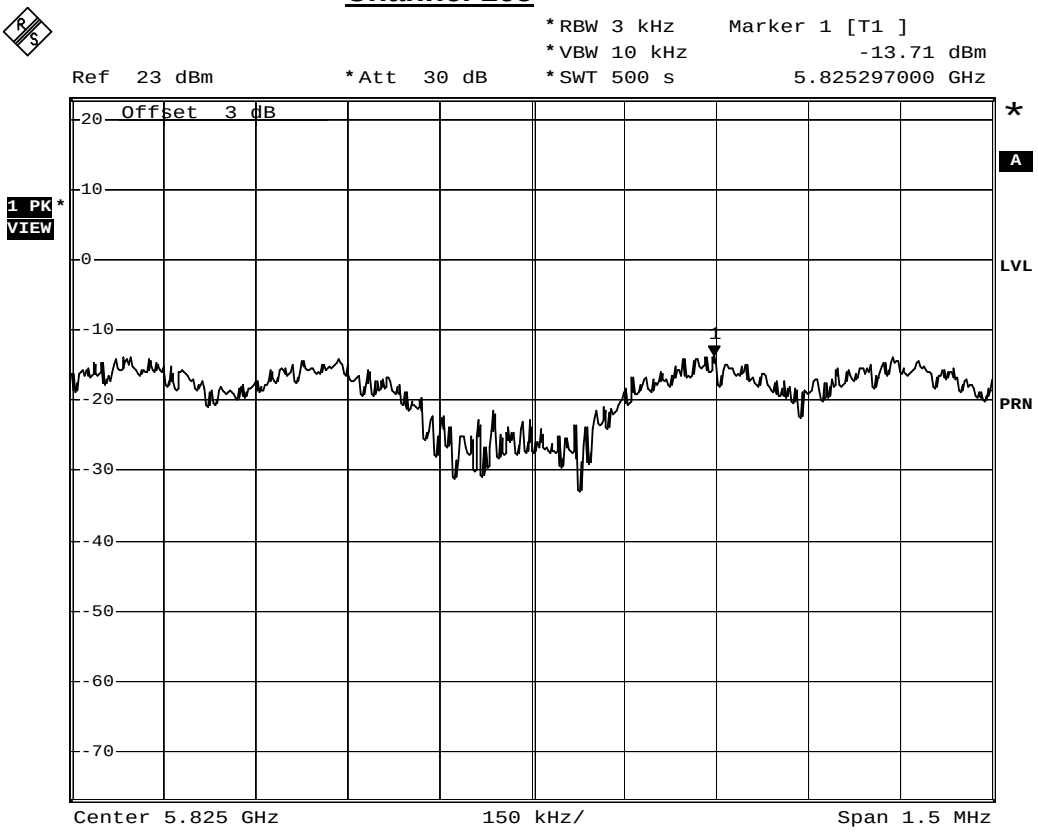


Channel 157



Date: 30.AUG.2010 11:03:05

Channel 165

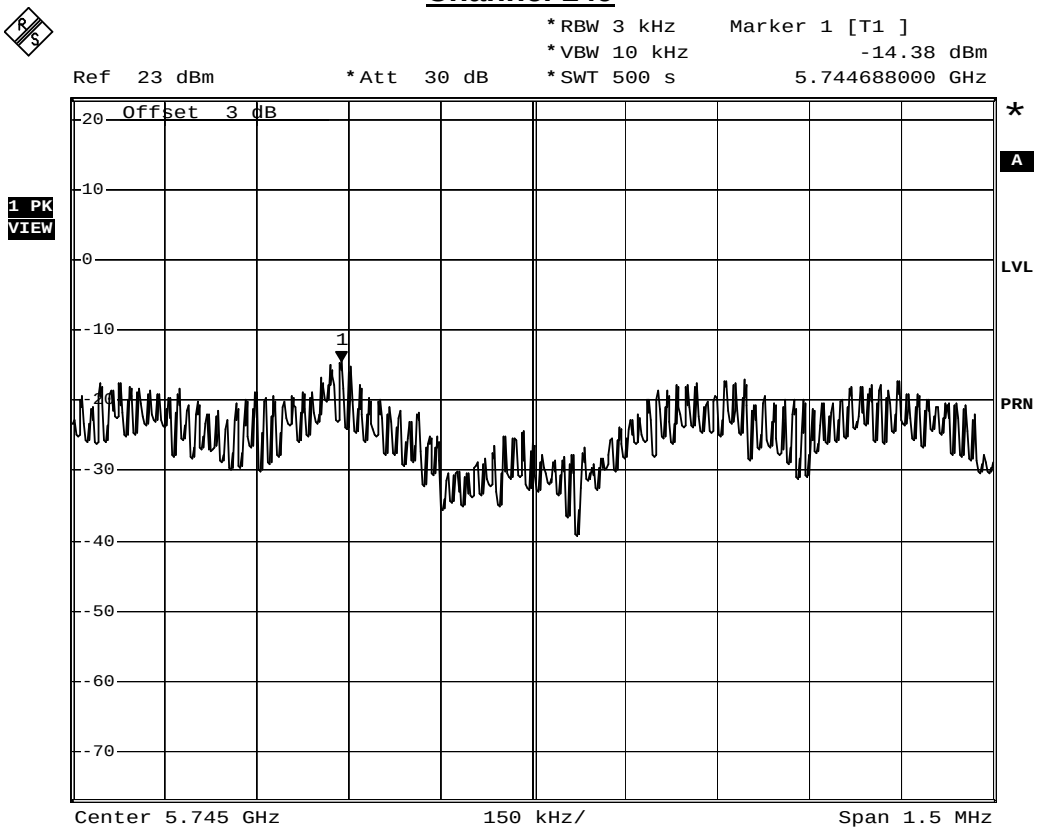


Date: 30.AUG.2010 11:05:53

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

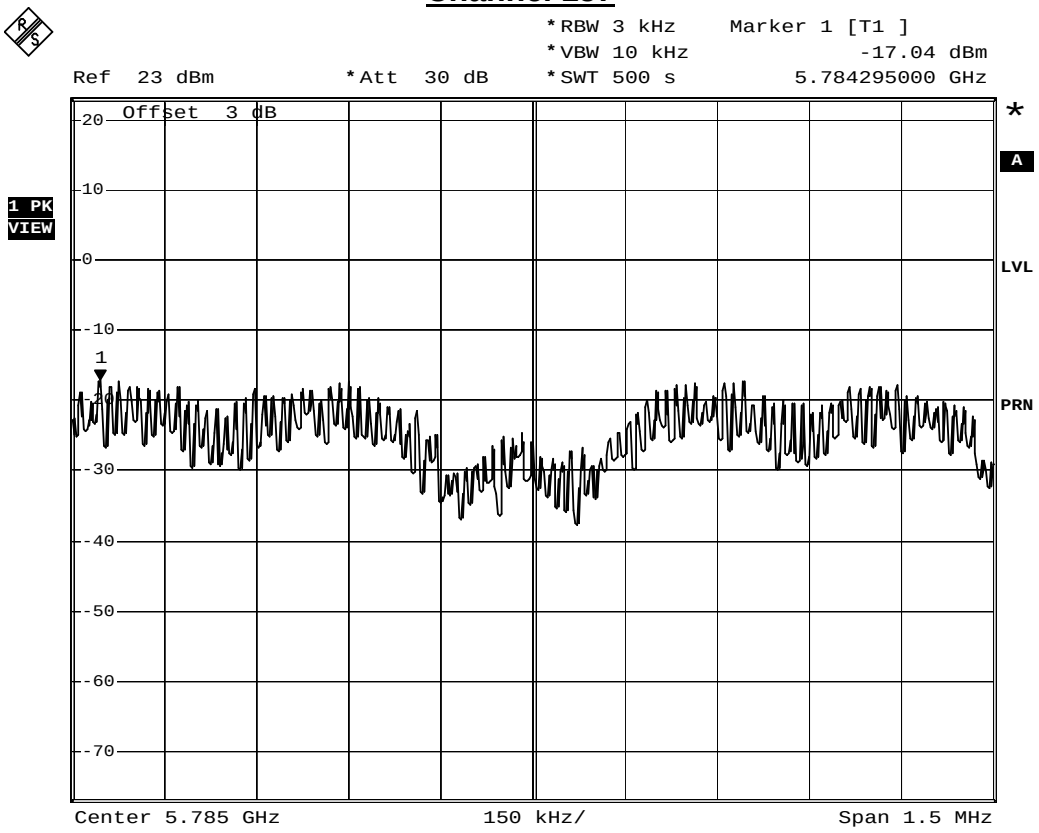
IEEE802.11n_20MHz_(ANT A)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-14.38	≦8	Pass
157	5785	-17.04	≦8	Pass
165	5825	-17.20	≦8	Pass

Channel 149



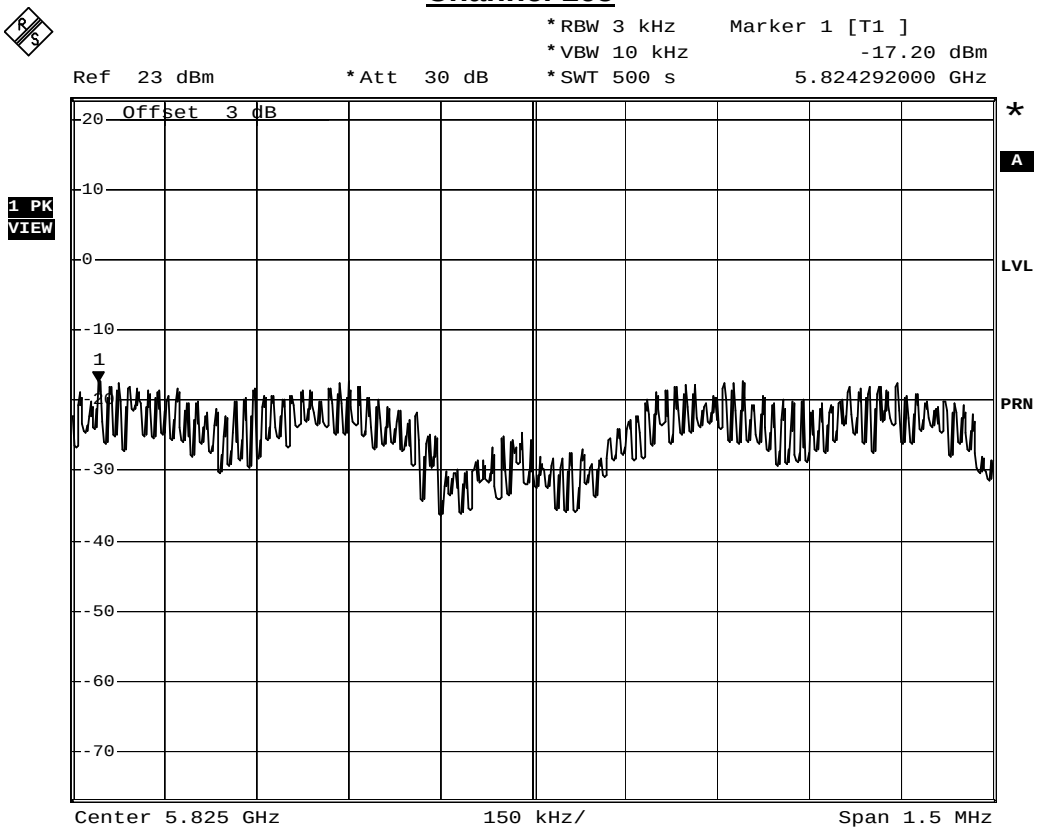
Date: 30.AUG.2010 11:13:23

Channel 157



Date: 30.AUG.2010 11:15:59

Channel 165

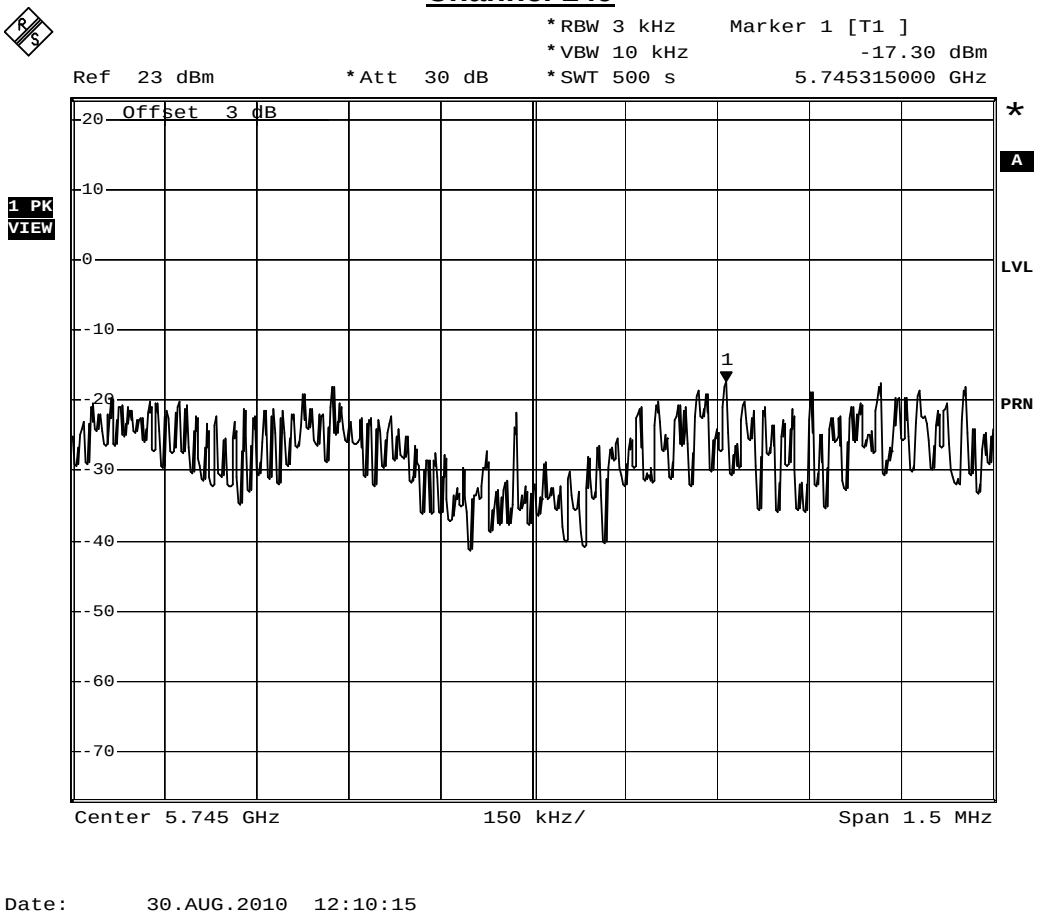


Date: 30.AUG.2010 11:32:22

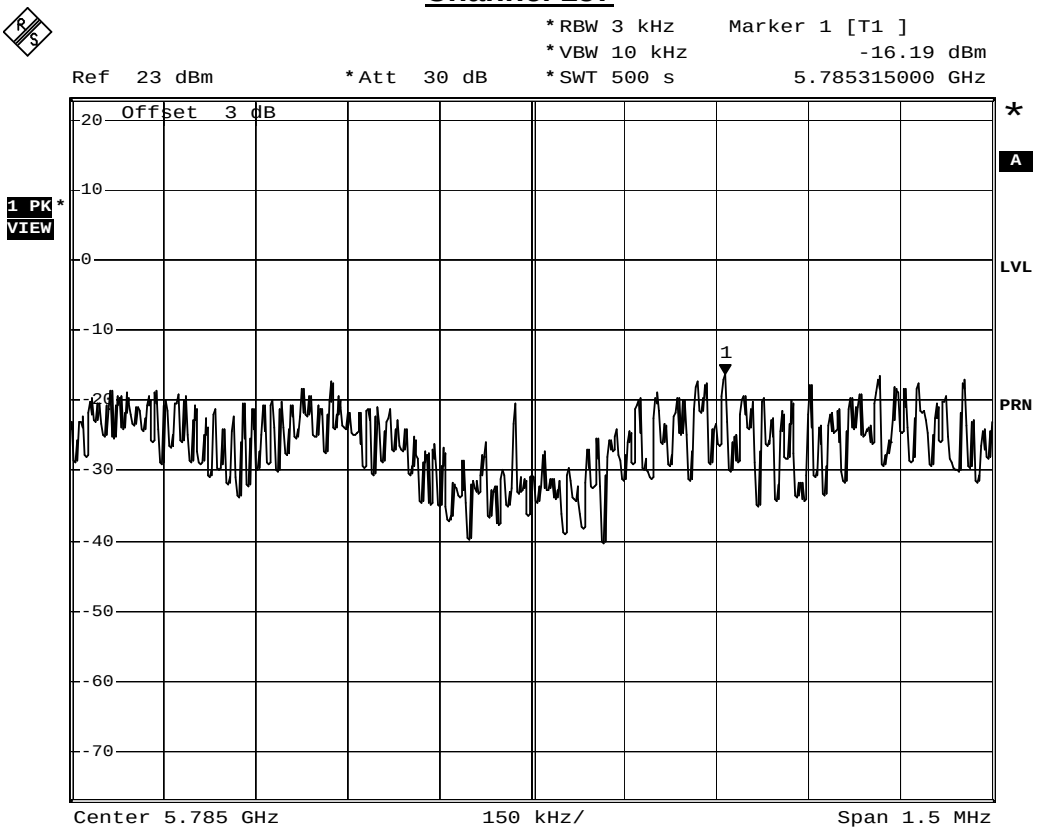
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

IEEE802.11n_20MHz_(ANT B)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-17.30	≦8	Pass
157	5785	-16.19	≦8	Pass
165	5825	-17.66	≦8	Pass

Channel 149

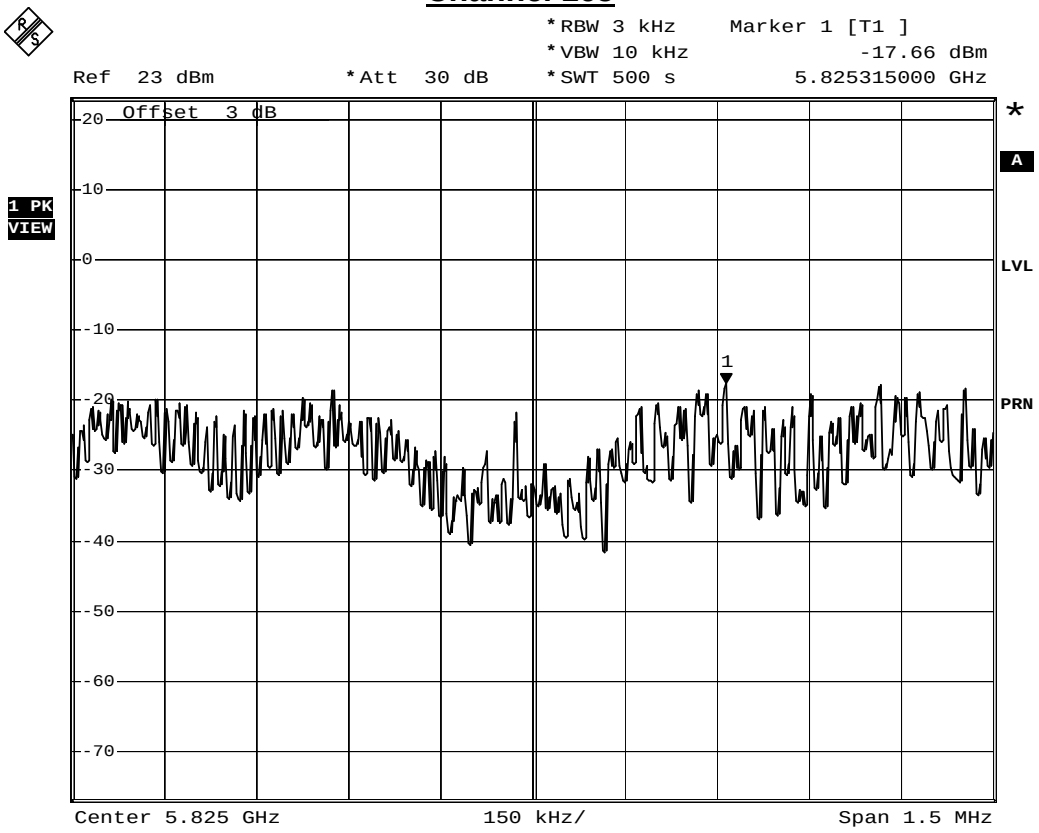


Channel 157



Date: 30.AUG.2010 13:02:30

Channel 165



Date: 30.AUG.2010 13:05:42

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

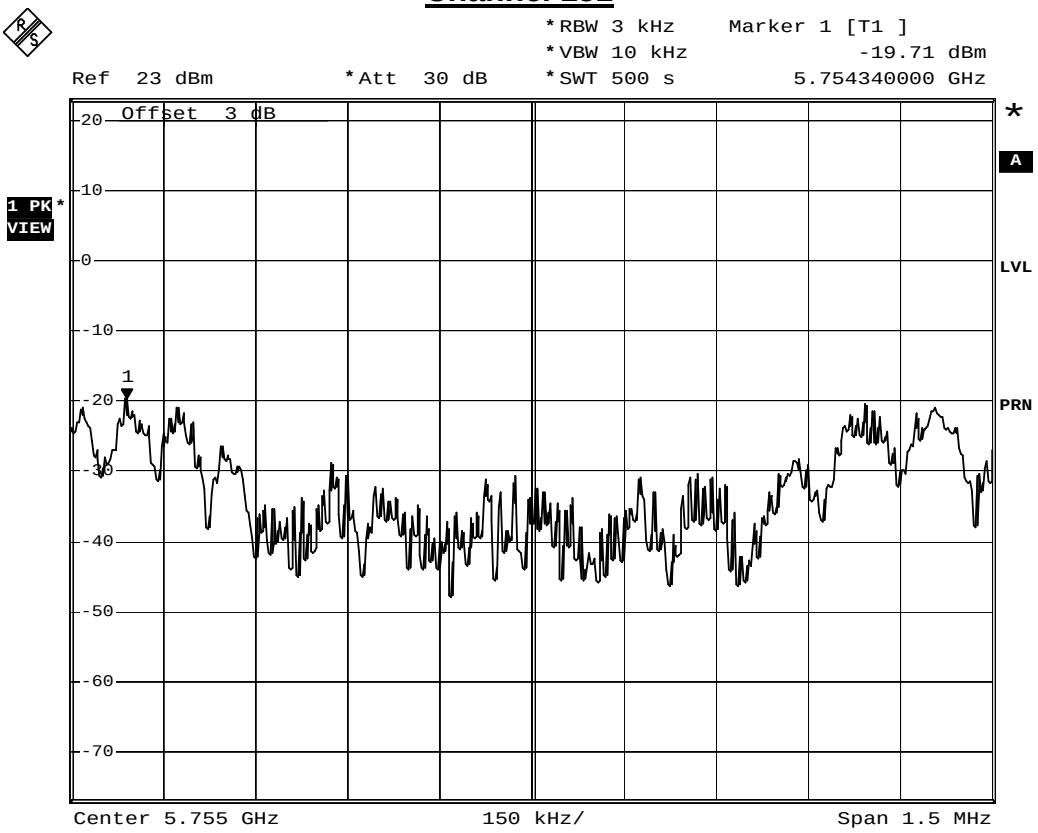
IEEE802.11n 20MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-12.59	≦8	Pass
157	5785	-13.58	≦8	Pass
165	5825	-14.41	≦8	Pass

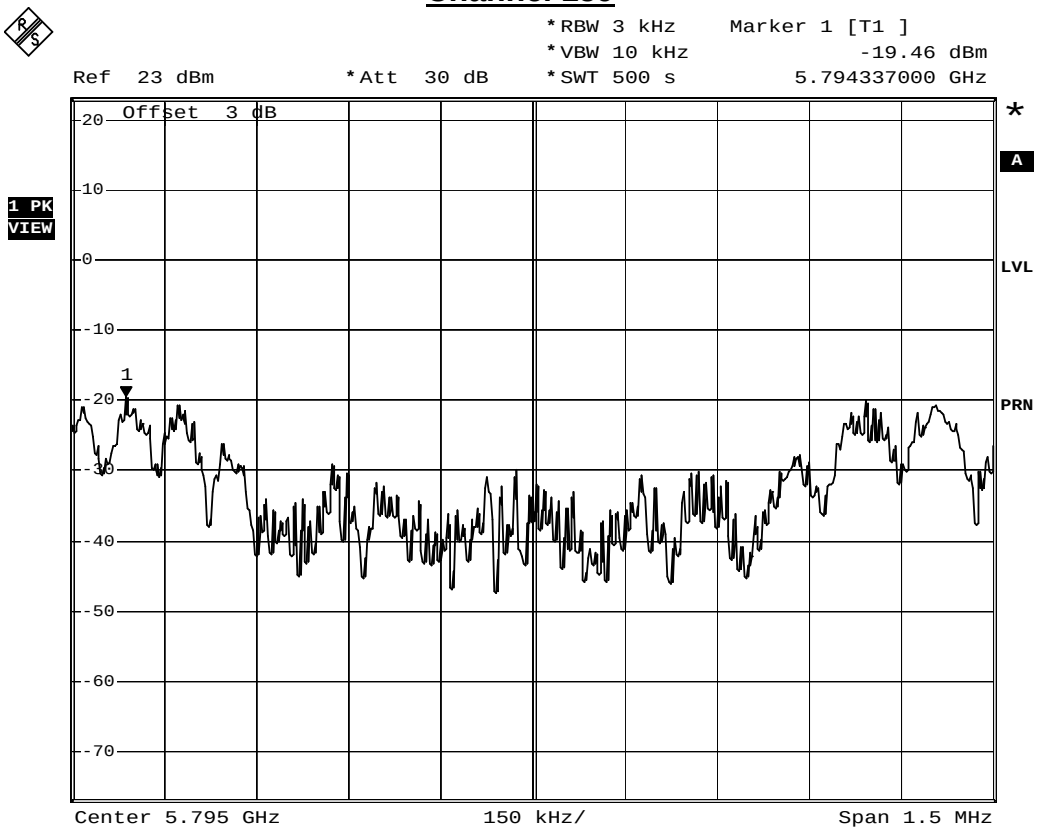
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

IEEE 802.11n_40MHz (ANT A)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-19.71	≦8	Pass
159	5795	-19.46	≦8	Pass

Channel 151



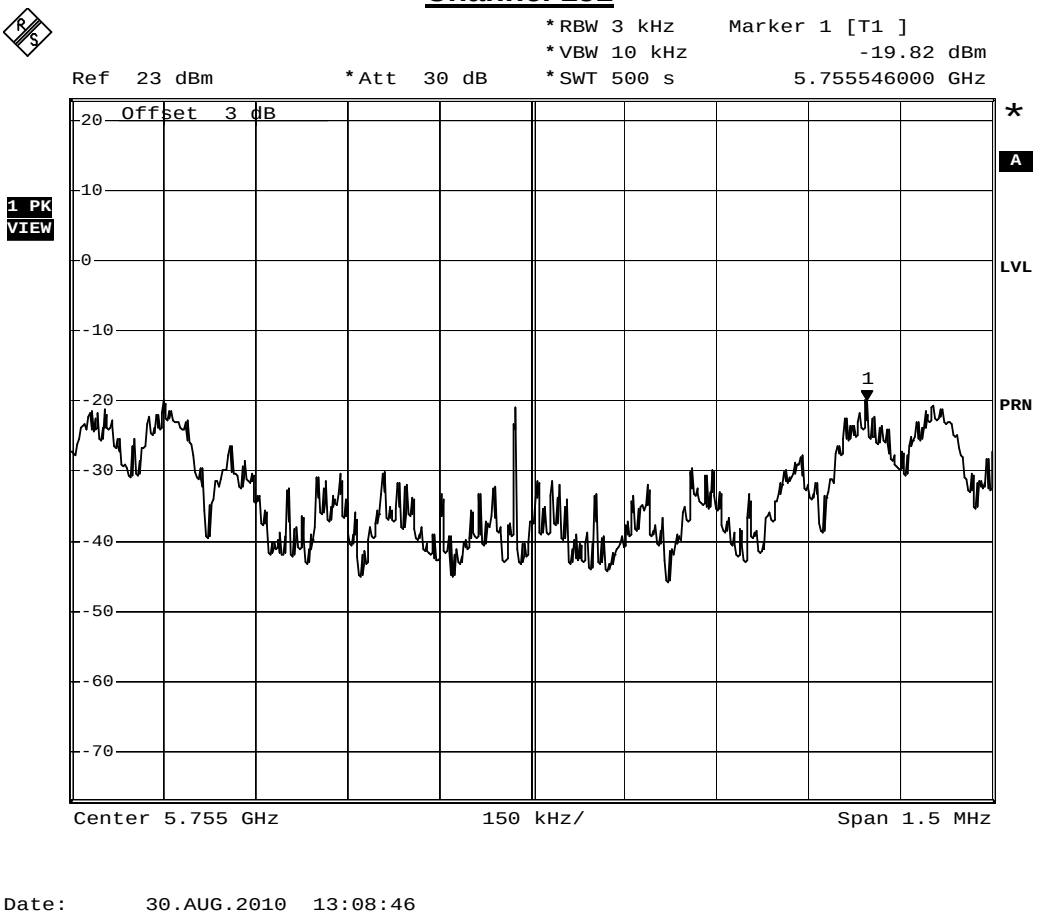
Channel 159


*RBW 3 kHz
*VBW 10 kHz
*SWT 500 s
Marker 1 [T1]
-19.46 dBm
5.794337000 GHz
Ref 23 dBm
*Att 30 dB
Offset 3 dB
1 PK
VIEW
A
LVL
PRN
20
10
0
-10
-20
-30
-40
-50
-60
-70
Center 5.795 GHz
150 kHz/
Span 1.5 MHz
Date: 30.AUG.2010 11:51:34

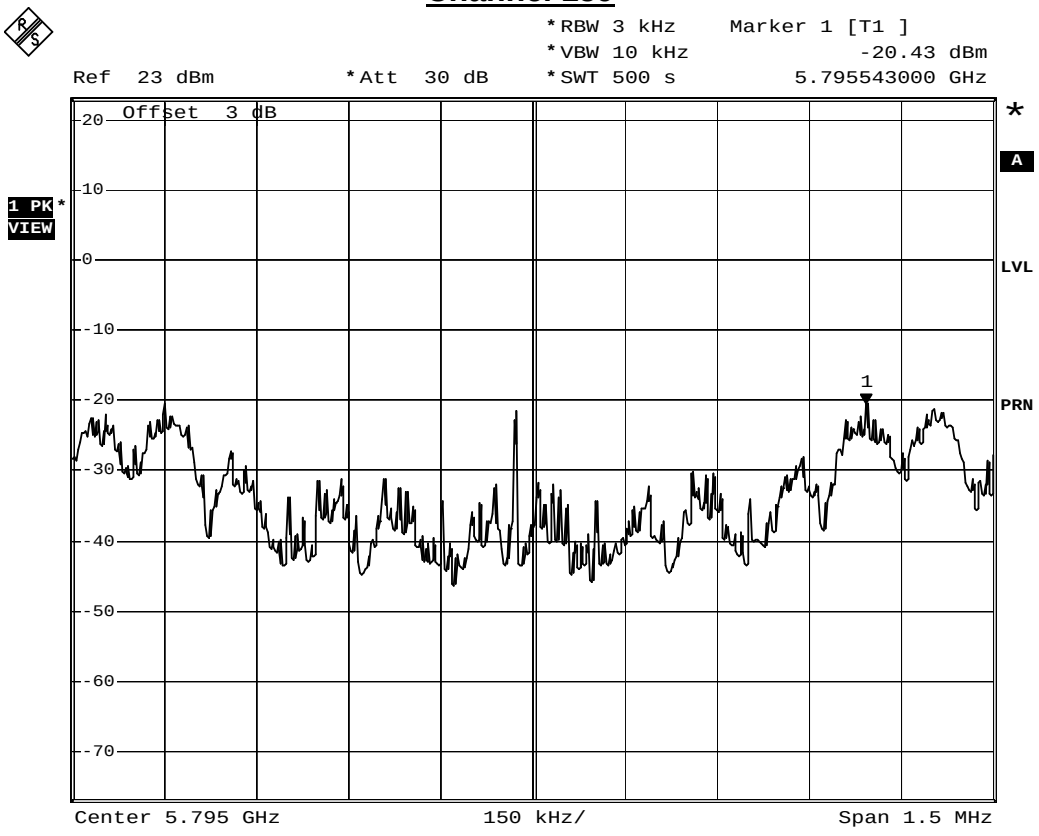
Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

IEEE 802.11n_40MHz (ANT B)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-19.82	≦8	Pass
159	5795	-20.43	≦8	Pass

Channel 151



Channel 159



Date: 30.AUG.2010 13:11:41

Product	Dual-band Gigabit Wireless-N Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2010/08/30	Test Site	No.7 Shielding Room

IEEE802.11n 40MHz(ANT A+B)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-16.75	≦8	Pass
159	5795	-16.91	≦8	Pass