



Test Report

Product Name : ASUS SuperSpeedN Gigabit Wireless Router
Model No. : RT-N15
FCC ID. : MSQ-RTN15

Applicant : ASUSTeK COMPUTER INC.
Address : 150, Li-Te Rd. , Peitou ,Taipei 112,Taiwan

Date of Receipt : 2008/04/10
Issued Date : 2008/05/14
Report No. : 084184R-RFUSP05V01
Version : V1.0

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.

Test Report Certification

Issued Date : 2008/05/14

Report No. : 084184R-RFUSP05V01



Product Name : ASUS SuperSpeedN Gigabit Wireless Router
 Applicant : ASUSTeK COMPUTER INC.
 Address : 150, Li-Te Rd. , Peitou ,Taipei 112,Taiwan
 Manufacturer : (1) ASUSTek COMPUTER INC.
 (2) PEGATRON CORPORATION
 Model No. : RT-N15
 FCC ID. : MSQ-RTN15
 Rated Voltage : AC 120 V / 60 Hz
 EUT Voltage : AC 120 V / 60 Hz
 Trade Name : ASUS
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247
 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.

Documented By : Carol Tsai
 (Carol Tsai / Senior Engineering Adm. Specialist)
 Reviewed By : Halu Chung
 (Halu Chung / Assistant Engineer)
 Approved By : Roy Wang
 (Roy Wang / Manager)

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1. General Information

1.1. EUT Description

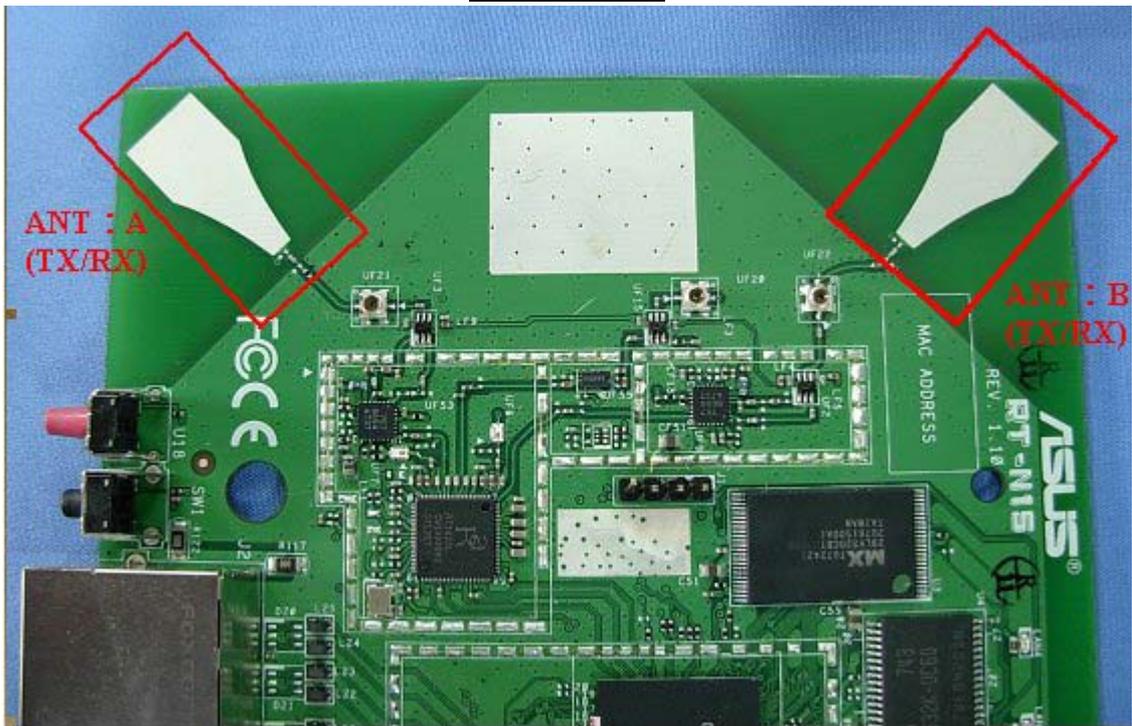
Product Name	ASUS SuperSpeedN Gigabit Wireless Router
Product Type	WLAN(2Tx,3RX)
Trade Name	ASUS
Model No.	RT-N15
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)	2412~2462MHz
Frequency Range-IEEE 802.11n (40MHz)	2422~2452MHz
Channel Number (IEEE 802.11b/g & IEEE 802.11n (20MHz))	11
Channel Number-IEEE 802.11n (40MHz)	7
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	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	ANT A (Tx/Rx): 4.7dBi ; ANT B (Tx/Rx): 4.3 dBi ; ANT C(Rx): 3.7dBi
Channel Control	Manual
Antenna Type	Printed

Component	
LAN Cable	Non-Shielded, 2m
Power Adapter	UMEC, UP0181B-05PA I/P: 100-240V 50/60Hz 0.4A MAX. O/P: +5V 2.5A 12.5W MAX. Cable Out: Non-Shielded, 1.7m

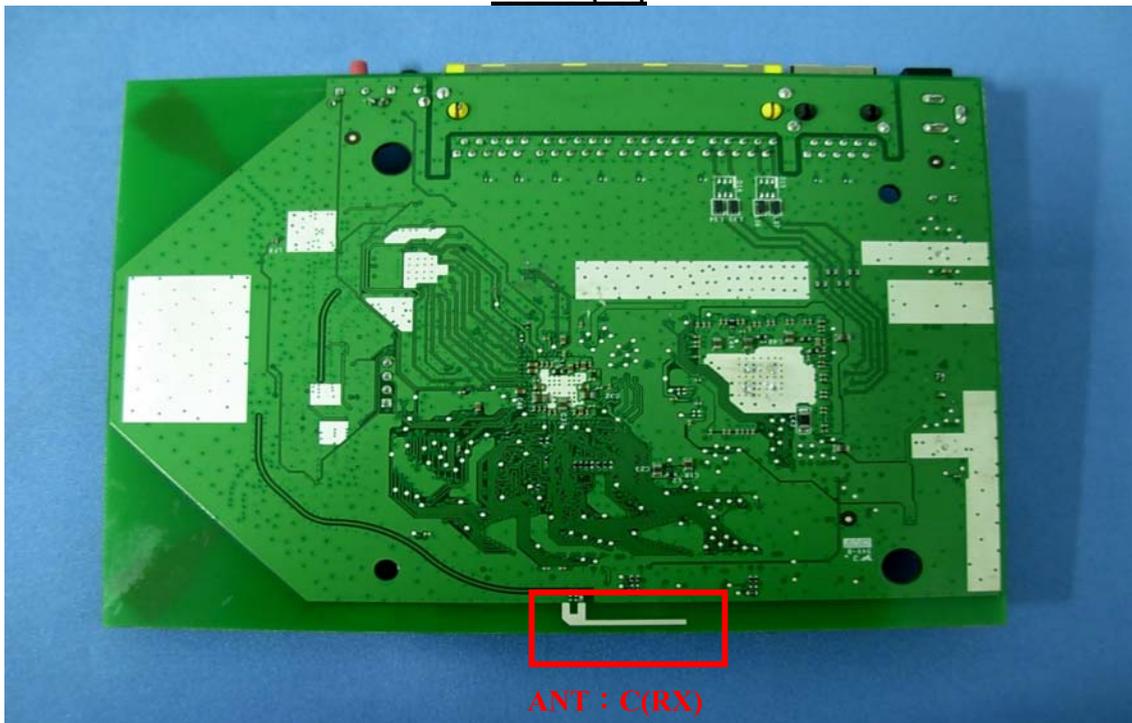
ANT-Tx / Rx & Bandwidth

ANT-Tx / Rx	SINGLE-Tx		TWO-Tx		Rx	
	20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
IEEE802.11b	✓				✓	
IEEE802.11g	✓					
Draft 11n			✓	✓	✓	✓

ANT A / B (Tx)



ANT C (Rx)



Draft 11n Spec.

MCS Index	Nss	Modulation	R	NBPS	NCBPS		NDBPS		Datarate(Mbps)			
					20MHz	40MHz	20MHz	40MHz	800nsGI		400nsGI	
									20MHz	40MHz	20MHz	40MHz
0	1	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.200	15
1	1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.400	30
2	1	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.700	45
3	1	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.900	60
4	1	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.300	90
5	1	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.800	120
6	1	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.000	135
7	1	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.200	150
8	2	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.444	30
9	2	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.889	60
10	2	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.333	90
11	2	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.778	120
12	2	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.667	180
13	2	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.556	240
14	2	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.000	270
15	2	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.444	300

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPS	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	guard interval

IEEE 802.11b/g & IEEE 802.11n (20MHz)

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)

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		

Note:

1. This device is an ASUS Super Speed N Gigabit Wireless Router, which including 2.4GHz b/g and 11n (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. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 084184R-RFUSP01V02 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
----	------------------

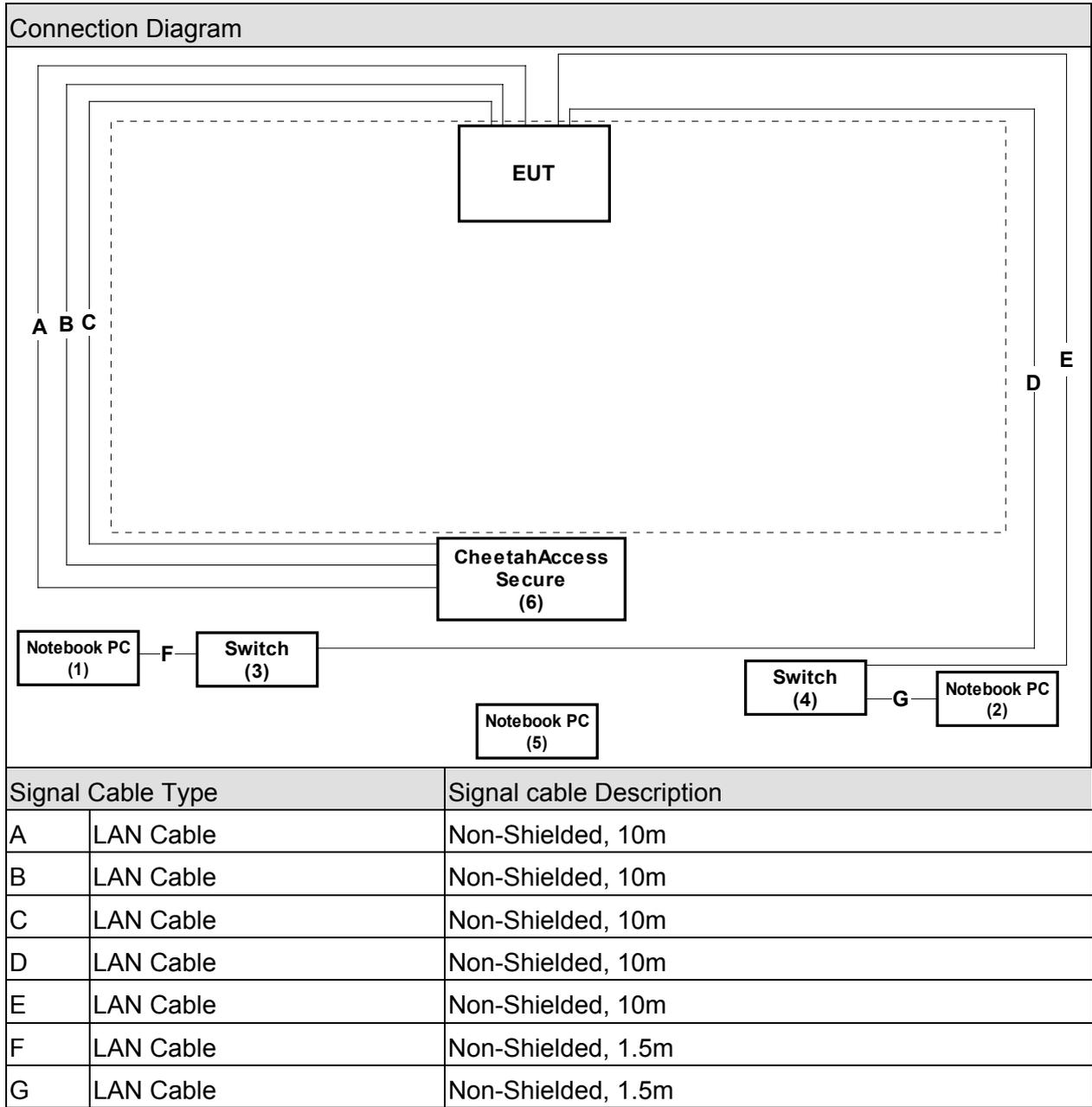
Test Items	Mode1	Channel	Antenna	Result
Conducted Emission	b/g/11n(20M)/11n(40MHz)	6	A/A+B	Complies
Peak Power Output	b/g	1 /6/ 11	A	Complies
	11n-MCS15(20MHz)	1 /6/ 11	A+B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	A+B	Complies
Radiated Emission	b/g	1 /6/ 11	A	Complies
	11n-MCS15(20MHz)	1 /6/ 11	A+B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	A+B	Complies
RF antenna conducted test	b/g	1 /6/ 11	A	Complies
	11n-MCS15 (20MHz)	1 /6/ 11	A/B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	A/B	Complies
Radiated Emission Band Edge	b/g	1 /6/ 11	A	Complies
	11n-MCS15 (20MHz)	1 /6/ 11	A+B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	A+B	Complies
Occupied Bandwidth	b/g	1 /6/ 11	A	Complies
	11n-MCS15 (20MHz)	1 /6/ 11	A/B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	A/B	Complies
Power Density	b/g	1 /6/ 11	A	Complies
	11n-MCS15 (20MHz)	1 /6/ 11	A+B	Complies
	11n-MCS15 (40MHz)	3 /6/ 9	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	Notebook PC	DELL	PP10L	3Y220	DoC	Non-Shielded, 1.8m
2	Notebook PC	DELL	LATITUDE D400	HK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded
3	Switch	Extreme Networks	Summit 24a	000130102CD7	DoC	Non-Shielded, 1.8m
4	Switch	D-Link	DGS-3308TG	N/A	DoC	Non-Shielded, 1.8m
5	Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded
6	CheetahAccess Secure	Accton	AC-IG1104	N/A	DoC	Non-Shielded, 1.8m

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will communicate by connecting to LAN port of Notebook PC.
5	The Notebook PC 's monitor will show the transmitting and receiving characteristics when the communication is success.
6	Repeat the above procedure (4) to (5).

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	23.5
Humidity (%RH)		25 - 75	53
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 Band Edge (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
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

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2008



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

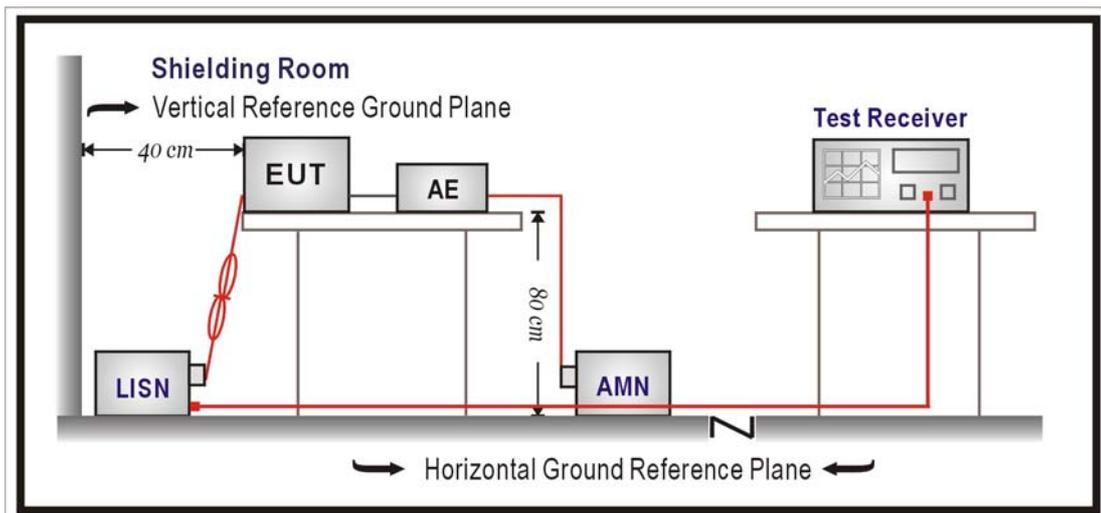
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
4-Wire ISN	R & S	ENY 41	837032/001	2008/04/15
Double 2-Wire ISN	R & S	ENY 22	835354/008	2008/04/15
LISN	R&S	ESH3-Z5	836679/022	2007/06/17
LISN	R & S	ESH3-Z5	836679/013	2007/12/30
Pulse Limiter	R & S	ESH3-Z2	100411	2007/11/16
Test Receiver	R & S	ESCS 30	100149	2007/11/15

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

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

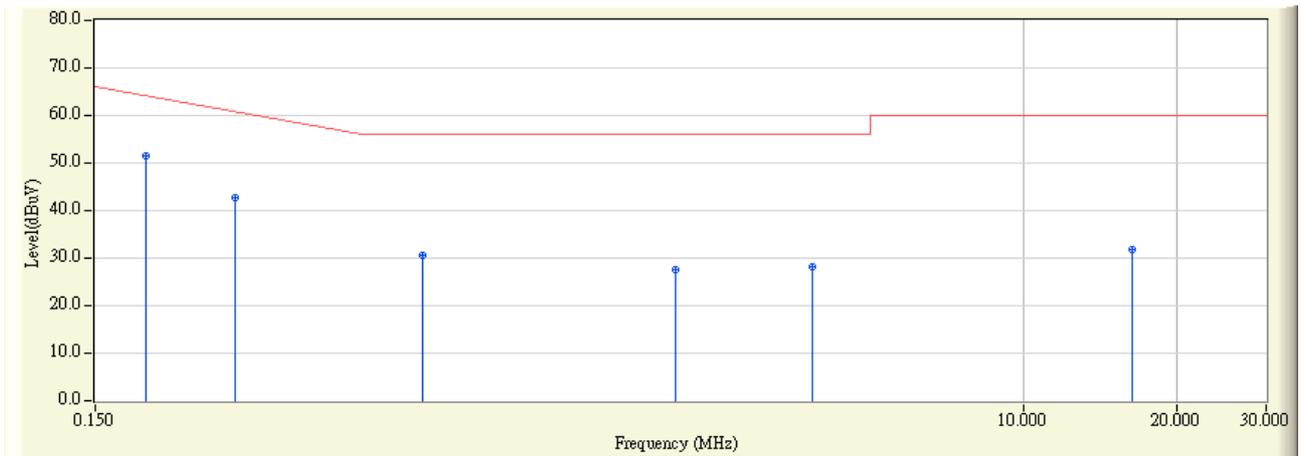
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.6. Test Result

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:07
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B

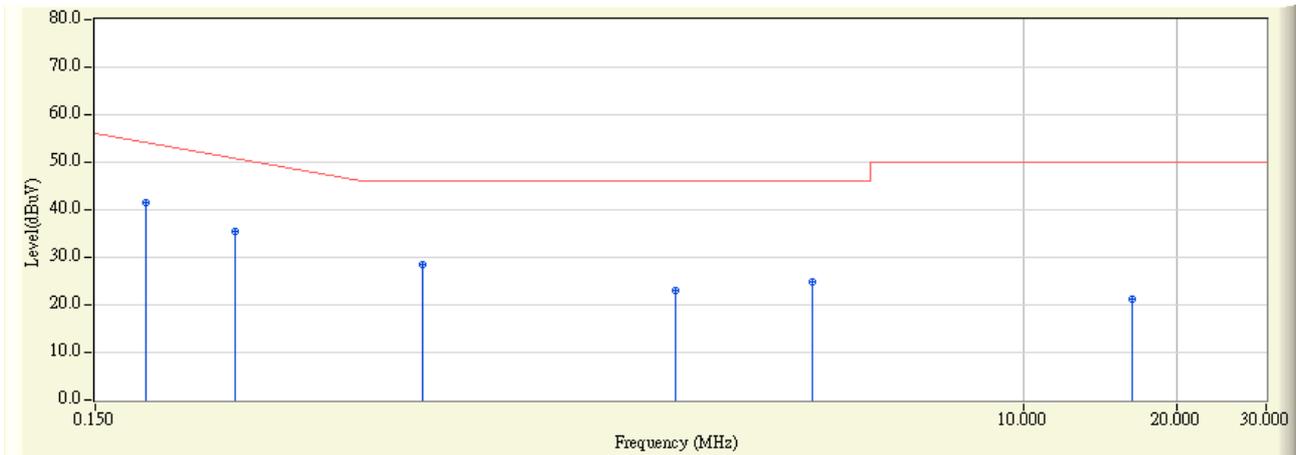


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	51.500	51.470	-13.416	64.886	QUASPEAK
2		0.283	-0.010	42.680	42.670	-19.530	62.200	QUASPEAK
3		0.658	0.040	30.580	30.620	-25.380	56.000	QUASPEAK
4		2.068	0.120	27.520	27.640	-28.360	56.000	QUASPEAK
5		3.858	0.210	28.080	28.290	-27.710	56.000	QUASPEAK
6		16.388	0.750	30.940	31.690	-28.310	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:07
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B

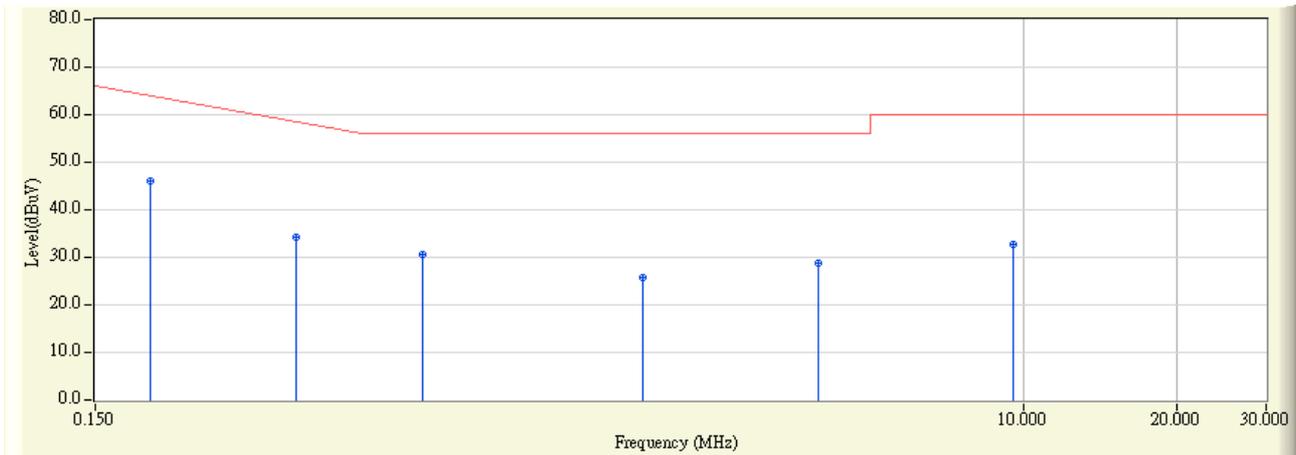


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	41.510	41.480	-13.406	54.886	AVERAGE
2		0.283	-0.010	35.340	35.330	-16.870	52.200	AVERAGE
3		0.658	0.040	28.350	28.390	-17.610	46.000	AVERAGE
4		2.068	0.120	22.910	23.030	-22.970	46.000	AVERAGE
5		3.858	0.210	24.520	24.730	-21.270	46.000	AVERAGE
6		16.388	0.750	20.520	21.270	-28.730	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:11
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B

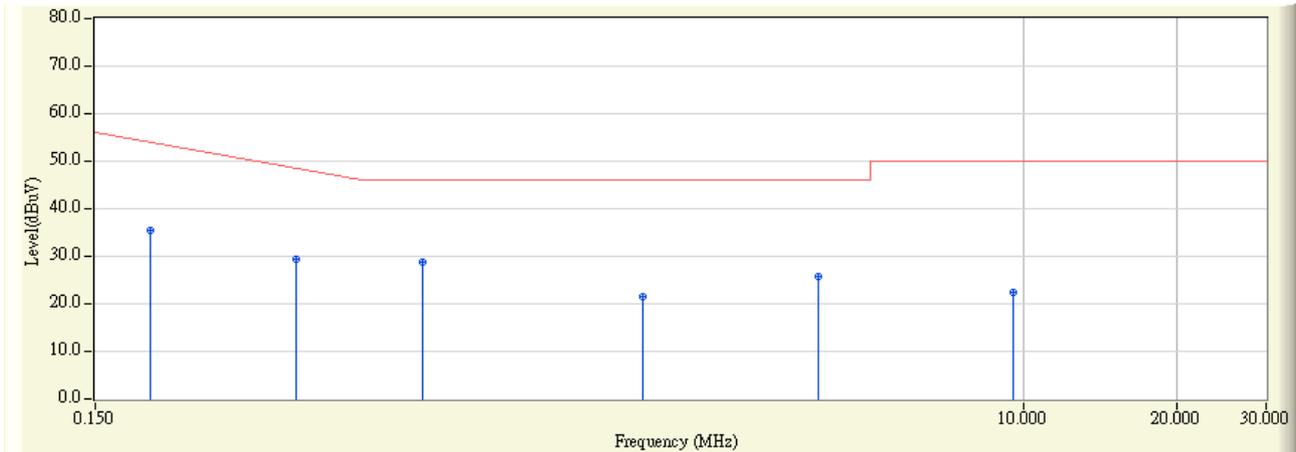


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.193	-0.029	46.000	45.971	-18.800	64.771	QUASPEAK
2		0.373	0.020	34.200	34.220	-25.409	59.629	QUASPEAK
3		0.660	0.050	30.560	30.610	-25.390	56.000	QUASPEAK
4		1.783	0.150	25.500	25.650	-30.350	56.000	QUASPEAK
5		3.947	0.250	28.540	28.790	-27.210	56.000	QUASPEAK
6		9.572	0.510	32.120	32.630	-27.370	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:11
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B

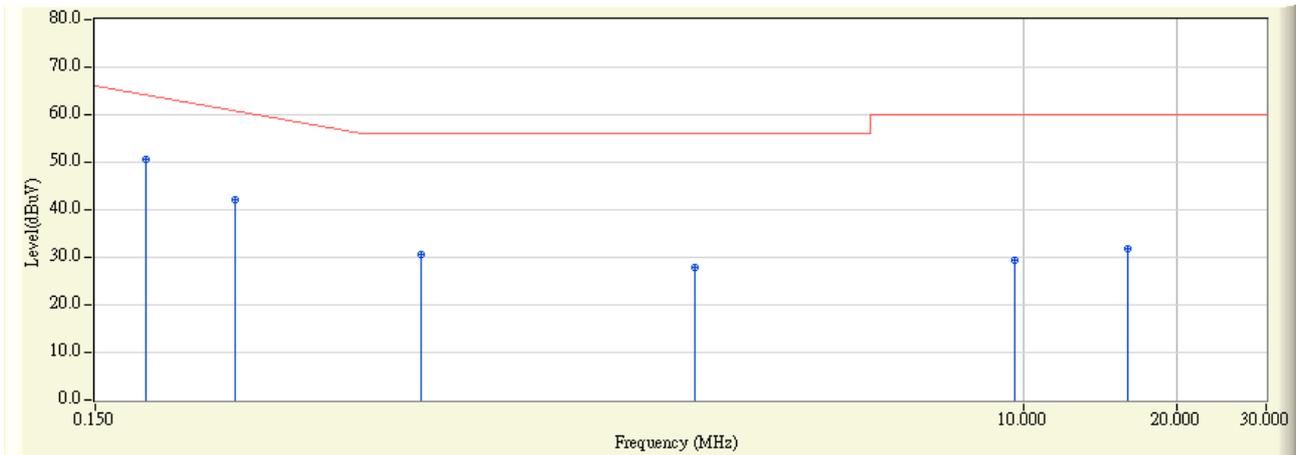


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.193	-0.029	35.340	35.311	-19.460	54.771	AVERAGE
2	0.373	0.020	29.240	29.260	-20.369	49.629	AVERAGE
3	* 0.660	0.050	28.680	28.730	-17.270	46.000	AVERAGE
4	1.783	0.150	21.330	21.480	-24.520	46.000	AVERAGE
5	3.947	0.250	25.590	25.840	-20.160	46.000	AVERAGE
6	9.572	0.510	21.980	22.490	-27.510	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:16
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G

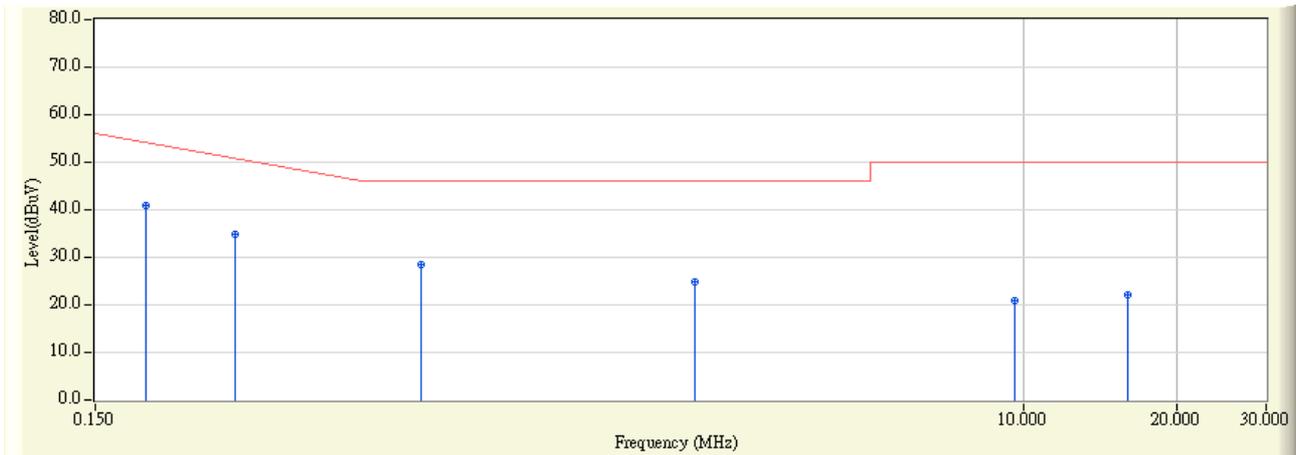


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	50.740	50.710	-14.176	64.886	QUASPEAK
2		0.283	-0.010	42.000	41.990	-20.210	62.200	QUASPEAK
3		0.657	0.040	30.580	30.620	-25.380	56.000	QUASPEAK
4		2.255	0.140	27.880	28.020	-27.980	56.000	QUASPEAK
5		9.595	0.470	28.940	29.410	-30.590	60.000	QUASPEAK
6		16.068	0.730	31.220	31.950	-28.050	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:16
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G

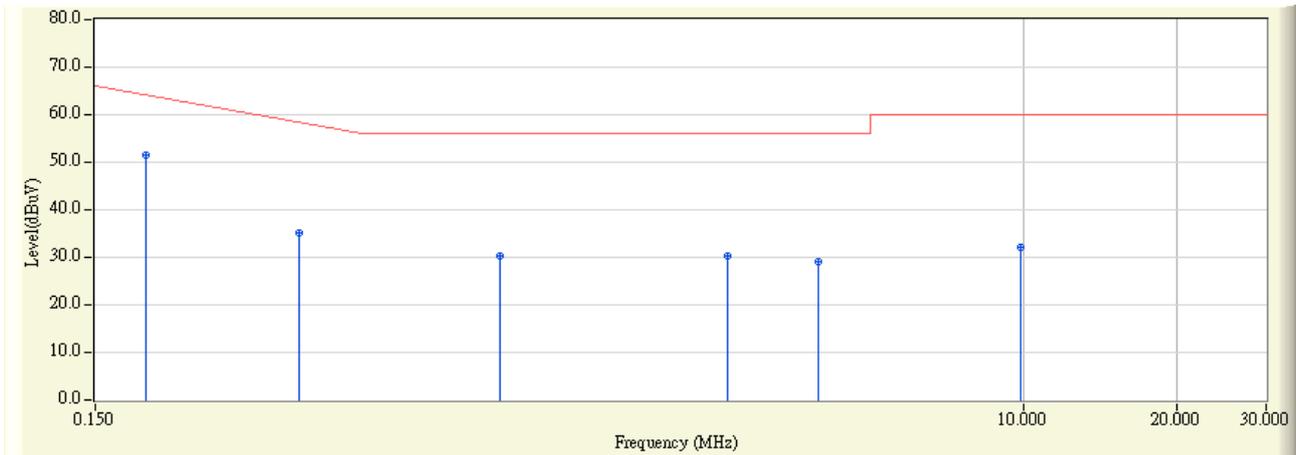


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	40.890	40.860	-14.026	54.886	AVERAGE
2		0.283	-0.010	34.950	34.940	-17.260	52.200	AVERAGE
3		0.657	0.040	28.430	28.470	-17.530	46.000	AVERAGE
4		2.255	0.140	24.720	24.860	-21.140	46.000	AVERAGE
5		9.595	0.470	20.410	20.880	-29.120	50.000	AVERAGE
6		16.068	0.730	21.330	22.060	-27.940	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:19
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G

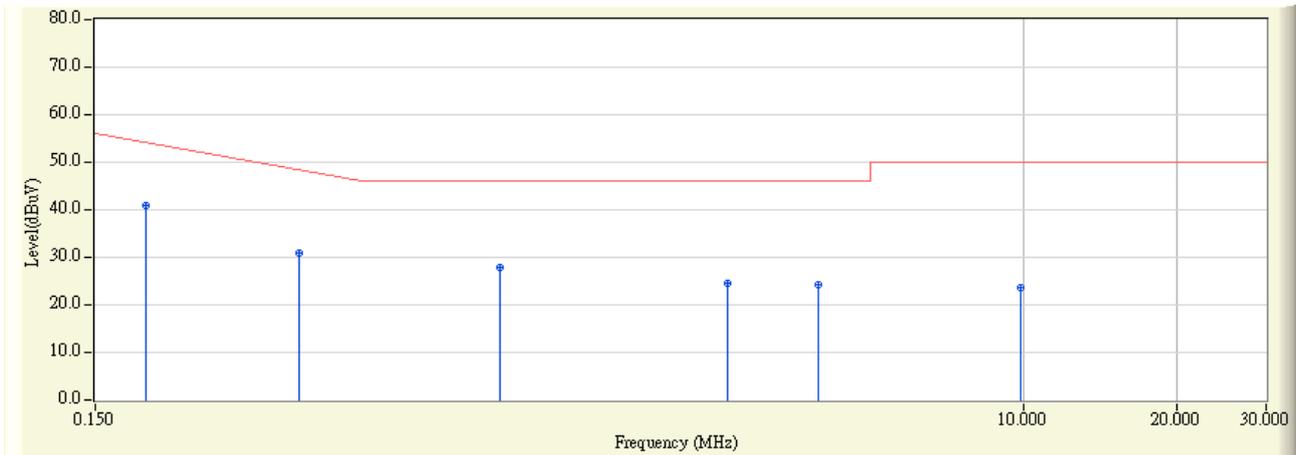


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	51.400	51.370	-13.516	64.886	QUASPEAK
2		0.377	0.020	34.980	35.000	-24.514	59.514	QUASPEAK
3		0.939	0.080	30.180	30.260	-25.740	56.000	QUASPEAK
4		2.630	0.190	30.260	30.450	-25.550	56.000	QUASPEAK
5		3.943	0.250	28.780	29.030	-26.970	56.000	QUASPEAK
6		9.877	0.530	31.720	32.250	-27.750	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:19
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G

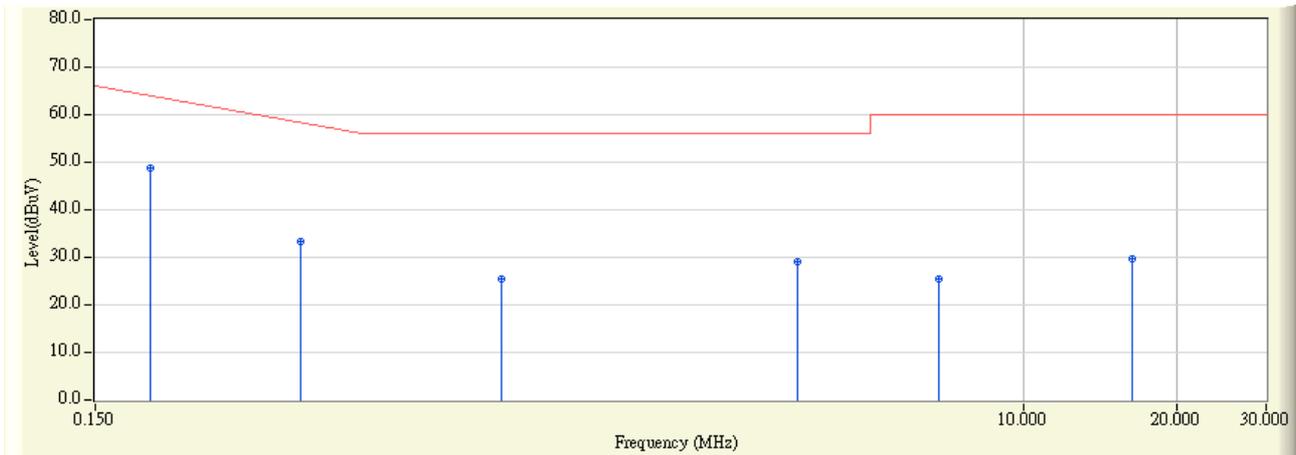


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	40.810	40.780	-14.106	54.886	AVERAGE
2		0.377	0.020	30.930	30.950	-18.564	49.514	AVERAGE
3		0.939	0.080	27.720	27.800	-18.200	46.000	AVERAGE
4		2.630	0.190	24.380	24.570	-21.430	46.000	AVERAGE
5		3.943	0.250	24.110	24.360	-21.640	46.000	AVERAGE
6		9.877	0.530	22.990	23.520	-26.480	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:27
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)

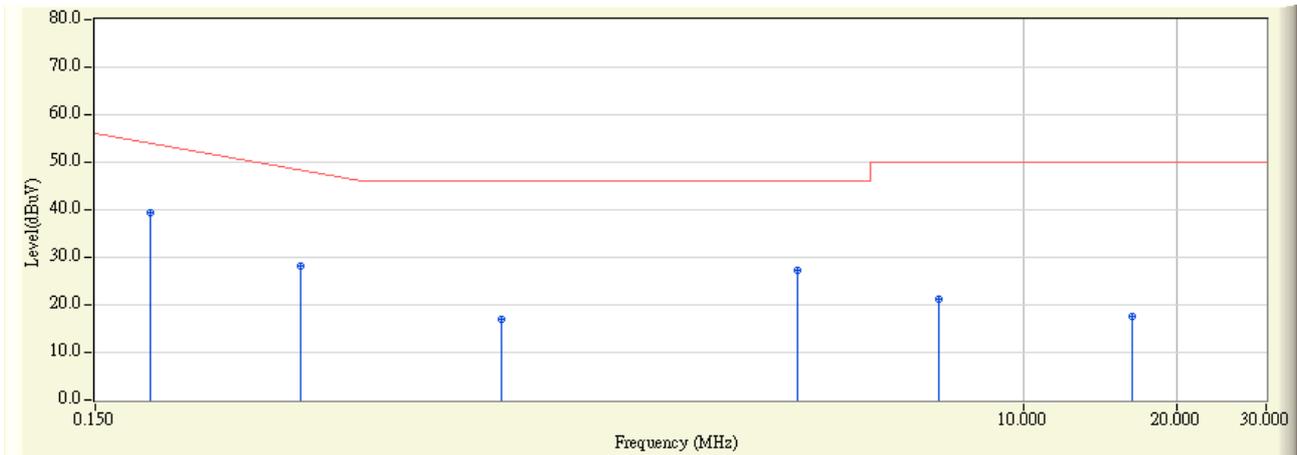


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.193	-0.029	48.940	48.911	-15.860	64.771	QUASPEAK
2		0.380	0.010	33.440	33.450	-25.979	59.429	QUASPEAK
3		0.943	0.060	25.380	25.440	-30.560	56.000	QUASPEAK
4		3.607	0.190	28.840	29.030	-26.970	56.000	QUASPEAK
5		6.834	0.350	25.060	25.410	-34.590	60.000	QUASPEAK
6		16.341	0.750	28.820	29.570	-30.430	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:27
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)

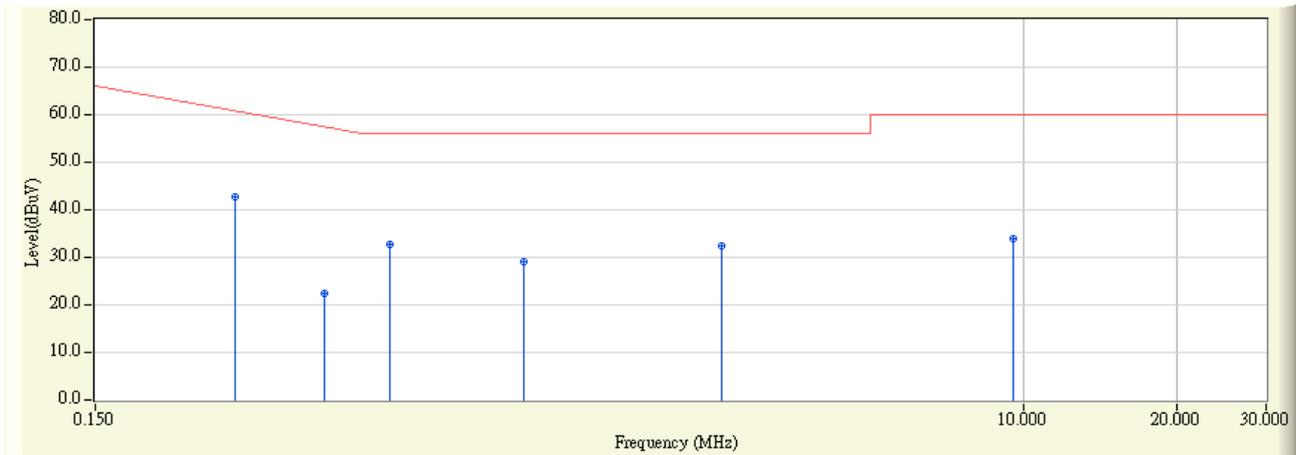


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.193	-0.029	39.390	39.361	-15.410	54.771	AVERAGE
2		0.380	0.010	28.320	28.330	-21.099	49.429	AVERAGE
3		0.943	0.060	16.890	16.950	-29.050	46.000	AVERAGE
4		3.607	0.190	27.100	27.290	-18.710	46.000	AVERAGE
5		6.834	0.350	20.830	21.180	-28.820	50.000	AVERAGE
6		16.341	0.750	16.810	17.560	-32.440	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:36
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)

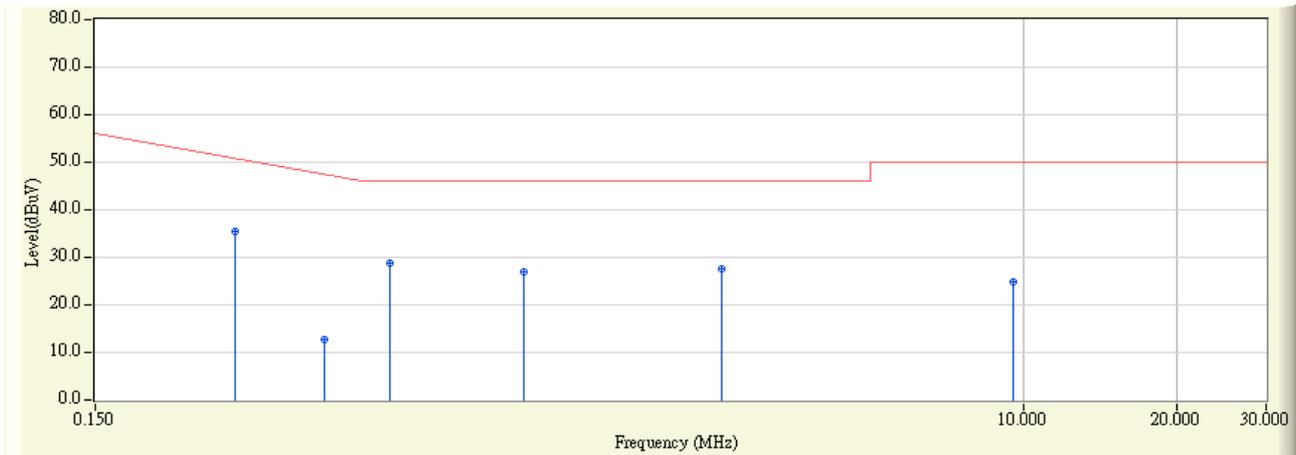


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.283	-0.009	42.860	42.851	-19.349	62.200	QUASPEAK
2		0.423	0.028	22.520	22.548	-35.652	58.200	QUASPEAK
3		0.568	0.040	32.620	32.660	-23.340	56.000	QUASPEAK
4		1.041	0.080	29.000	29.080	-26.920	56.000	QUASPEAK
5		2.560	0.180	32.140	32.320	-23.680	56.000	QUASPEAK
6		9.576	0.510	33.560	34.070	-25.930	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:36
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)

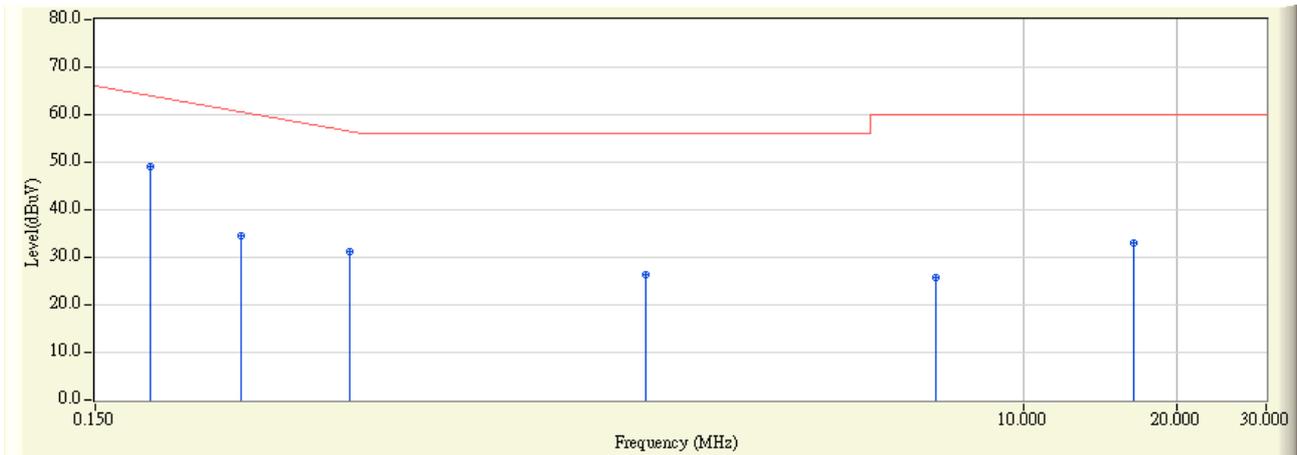


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.283	-0.009	35.340	35.331	-16.869	52.200	AVERAGE
2		0.423	0.028	12.550	12.578	-35.622	48.200	AVERAGE
3		0.568	0.040	28.600	28.640	-17.360	46.000	AVERAGE
4		1.041	0.080	26.750	26.830	-19.170	46.000	AVERAGE
5		2.560	0.180	27.440	27.620	-18.380	46.000	AVERAGE
6		9.576	0.510	24.320	24.830	-25.170	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:41
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(40MHz)

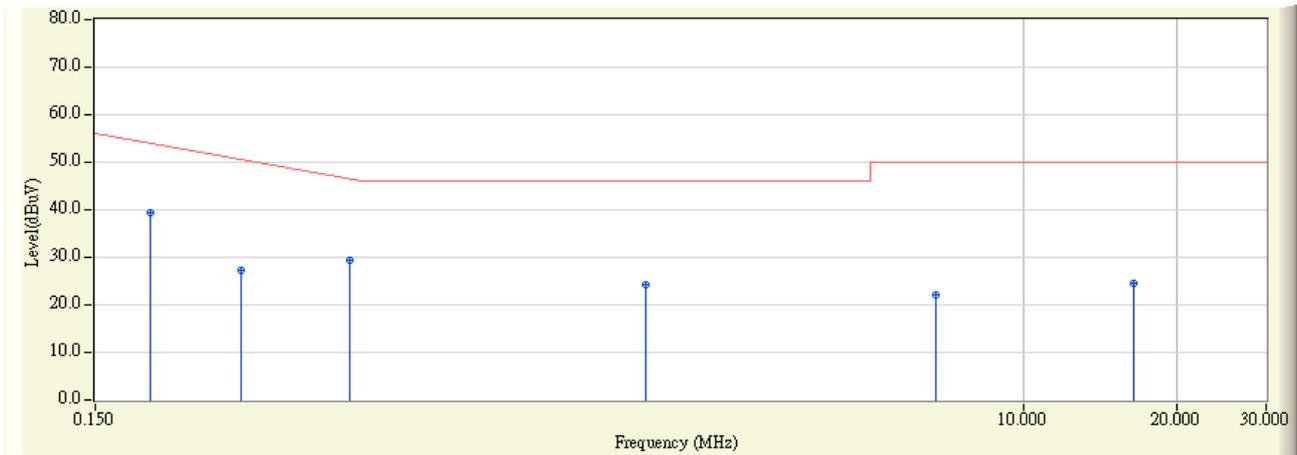


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.193	-0.029	49.040	49.011	-15.760	64.771	QUASPEAK
2		0.291	-0.010	34.560	34.550	-27.421	61.971	QUASPEAK
3		0.474	0.025	31.320	31.345	-25.398	56.743	QUASPEAK
4		1.806	0.110	26.260	26.370	-29.630	56.000	QUASPEAK
5		6.748	0.333	25.540	25.873	-34.127	60.000	QUASPEAK
6		16.435	0.750	32.260	33.010	-26.990	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:41
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(40MHz)

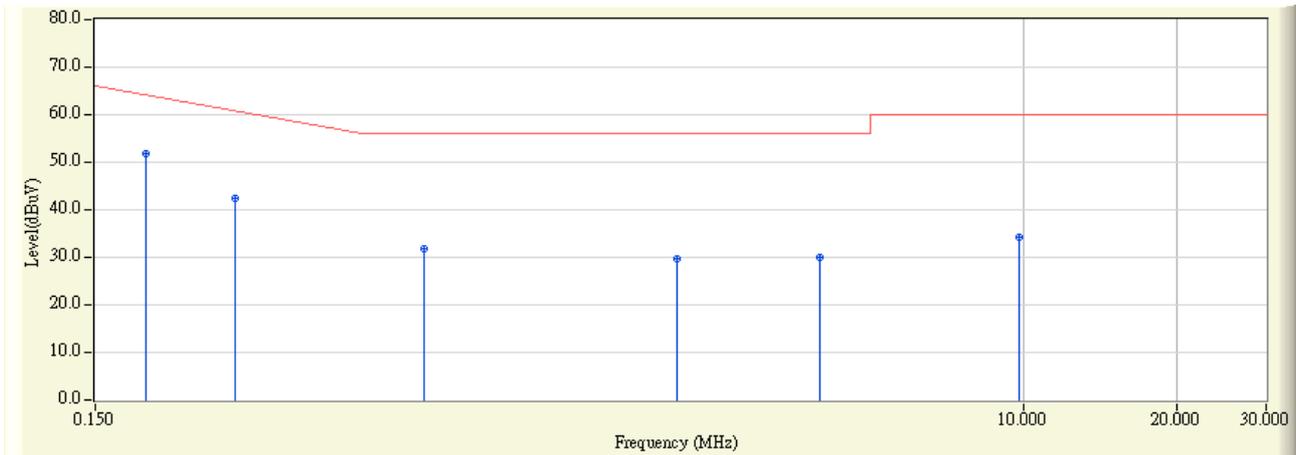


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.193	-0.029	39.390	39.361	-15.410	54.771	AVERAGE
2		0.291	-0.010	27.300	27.290	-24.681	51.971	AVERAGE
3		0.474	0.025	29.240	29.265	-17.478	46.743	AVERAGE
4		1.806	0.110	24.250	24.360	-21.640	46.000	AVERAGE
5		6.748	0.333	21.800	22.133	-27.867	50.000	AVERAGE
6		16.435	0.750	23.820	24.570	-25.430	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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:49
Limit : CISPR_B_00M_QP	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(40MHz)

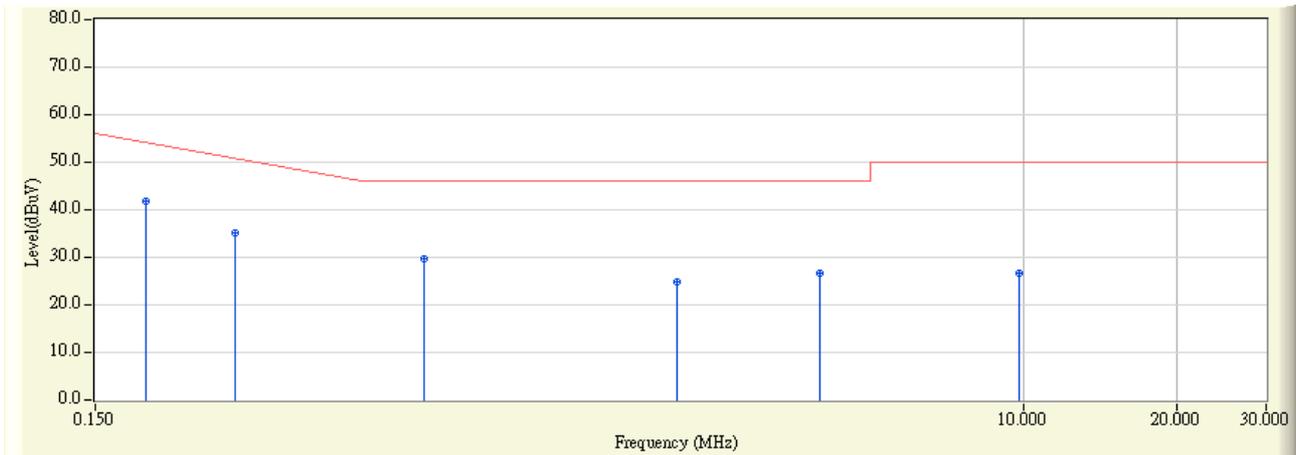


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	51.780	51.750	-13.136	64.886	QUASPEAK
2		0.283	-0.009	42.580	42.571	-19.629	62.200	QUASPEAK
3		0.666	0.050	31.860	31.910	-24.090	56.000	QUASPEAK
4		2.087	0.160	29.680	29.840	-26.160	56.000	QUASPEAK
5		3.986	0.250	29.620	29.870	-26.130	56.000	QUASPEAK
6		9.791	0.521	33.720	34.241	-25.759	60.000	QUASPEAK

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.

Engineer : Halu Chung	
Site : ShieldingRoom3	Time : 2008/04/21 - 11:49
Limit : CISPR_B_00M_AV	Margin : 0
Probe : SR3_LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(40MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.189	-0.030	41.810	41.780	-13.106	54.886	AVERAGE
2		0.283	-0.009	35.260	35.251	-16.949	52.200	AVERAGE
3		0.666	0.050	29.620	29.670	-16.330	46.000	AVERAGE
4		2.087	0.160	24.720	24.880	-21.120	46.000	AVERAGE
5		3.986	0.250	26.320	26.570	-19.430	46.000	AVERAGE
6		9.791	0.521	26.050	26.571	-23.429	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

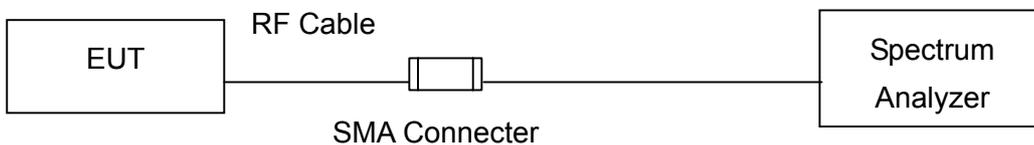
The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2008
2	No.1 OATS			Sep., 2007

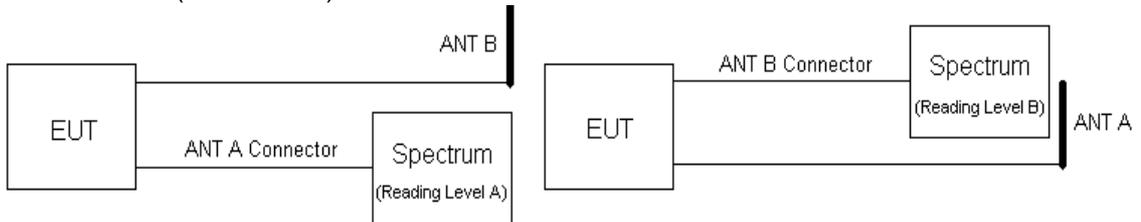
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

3.2. Test Setup

IEEE 802.11 b / g MODE



IEEE 802.11n (20M / 40M) 2Tx 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. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.6. Test Result

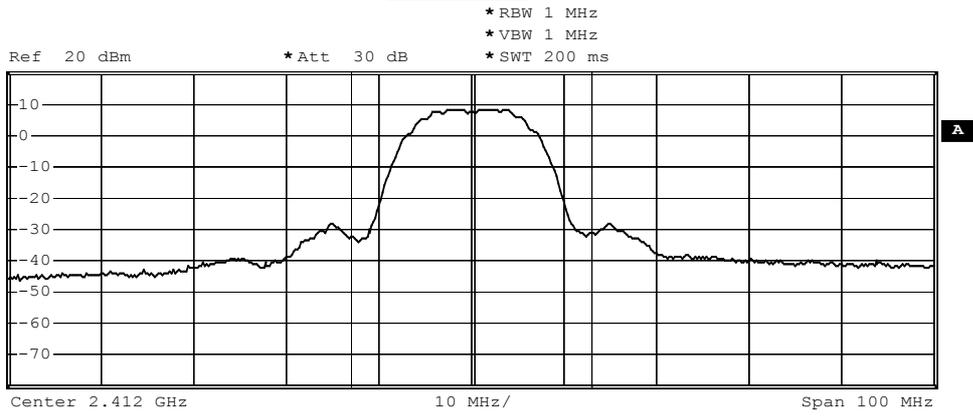
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.74	1Watt= 30 dBm	Pass
6	2437	17.65	1Watt= 30 dBm	Pass
11	2462	17.43	1Watt= 30 dBm	Pass

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1 Mbps	2Mbps	5.5Mbps	11Mbps	
1	2412.00	--	--	--	17.74	1Watt= 30 dBm
6	2437.00	17.59	17.60	17.63	17.65	1Watt= 30 dBm
11	2462.00	--	--	--	17.43	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Channel 1

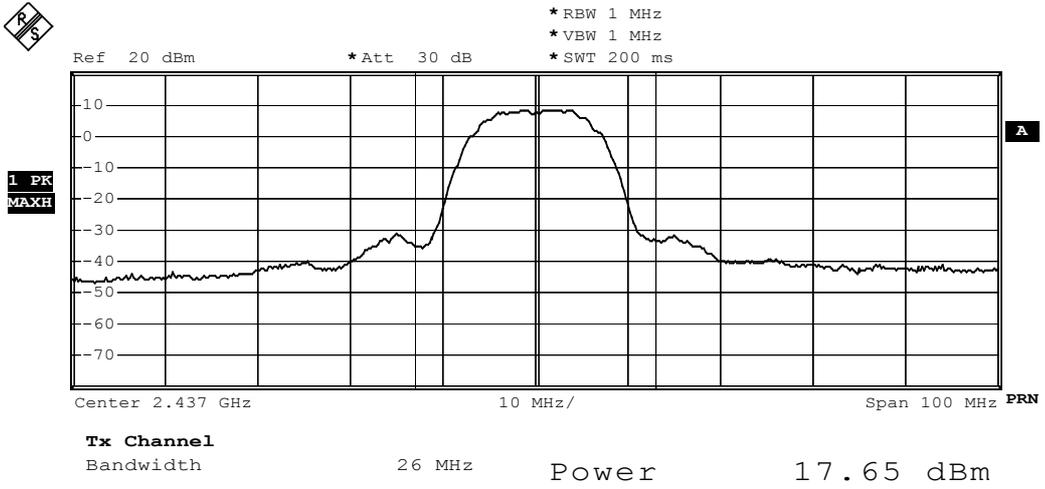


1 PK
MAXH

Tx Channel
Bandwidth 26 MHz Power 17.74 dBm

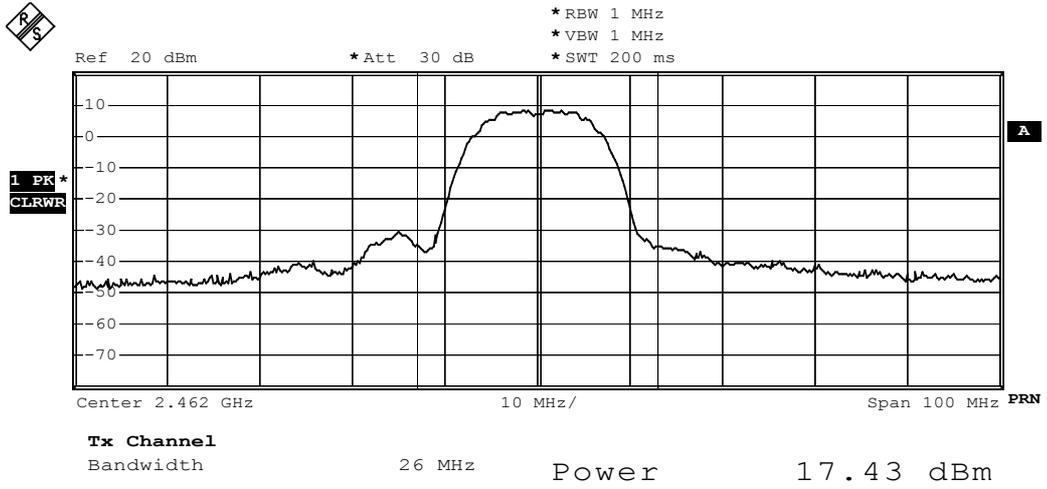
Date: 27.APR.2008 00:43:24

Channel 6



Date: 27.APR.2008 00:50:53

Channel 11



Date: 27.APR.2008 01:05:07

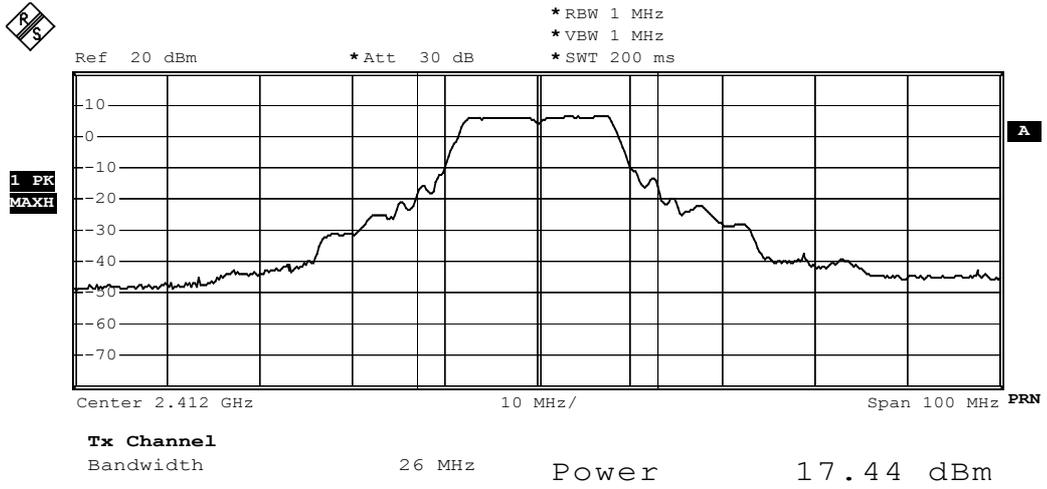
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.44	1Watt= 30 dBm	Pass
6	2437	17.90	1Watt= 30 dBm	Pass
11	2462	17.49	1Watt= 30 dBm	Pass

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps	
1	2412.00	--	--	--	--	--	--	--	17.44	1Watt= 30 dBm
6	2437.00	17.78	17.81	17.83	17.84	17.85	17.87	17.88	17.90	1Watt= 30 dBm
11	2462.00	--	--	--	--	--	--	--	17.49	1Watt= 30 dBm

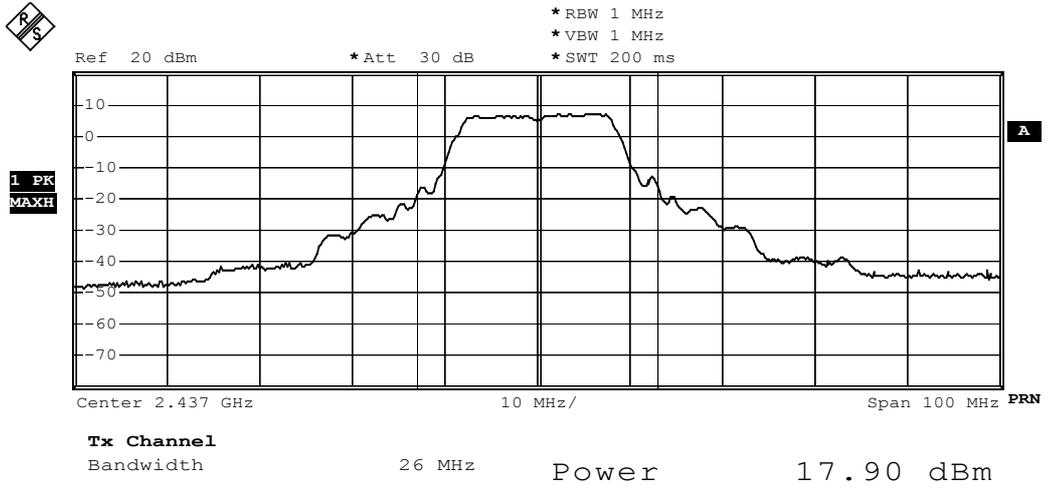
Note: Measure Level =Reading value + cable loss

Channel 1



Date: 27.APR.2008 01:06:53

Channel 6



Date: 27.APR.2008 01:08:57

Channel 11

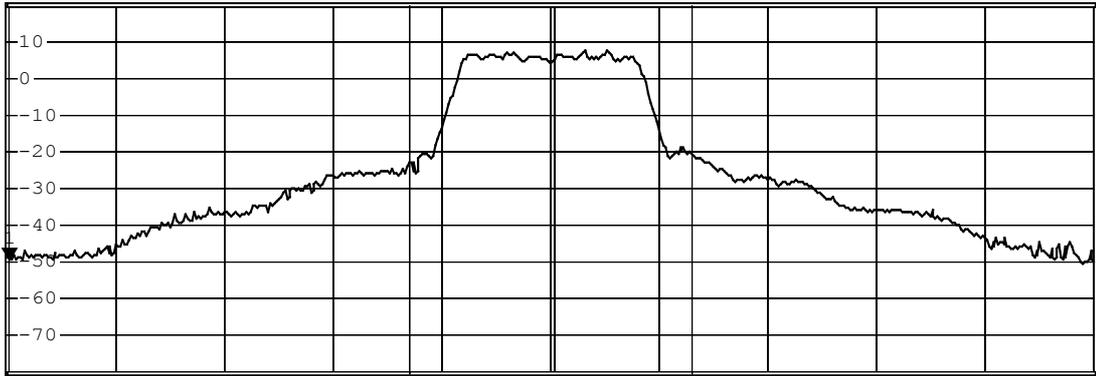


*RBW 1 MHz Marker 1 [T1]
*VBW 1 MHz -48.70 dBm
*SWT 200 ms 2.41200000 GHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.462 GHz

10 MHz/

Span 100 MHz PRN

Tx Channel

Bandwidth

26 MHz

Power

17.49 dBm

Date: 25.JUN.2008 17:05:19

Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n 20MHz_2Tx

The worst emission of data rate is 144.44Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	
1	2412	--	--	--	--	--	--	--	--	30dBm
6	2437	18.32	18.35	18.37	18.42	18.43	18.45	18.48	18.50	30dBm
11	2462	--	--	--	--	--	--	--	--	30dBm

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		14.44	28.89	43.33	57.78	86.67	115.56	130	144.44	
1	2412	--	--	--	--	--	--	--	18.85	30dBm
6	2437	18.51	18.55	18.58	18.59	18.61	18.65	18.68	18.75	30dBm
11	2462	--	--	--	--	--	--	--	19.52	30dBm

Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n MCS15 20MHz_2Tx ; ANT A					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
1	2412	15.89	38.82	1Watt= 30 dBm	Pass
6	2437	15.79	37.93	1Watt= 30 dBm	Pass
11	2462	16.67	46.45	1Watt= 30 dBm	Pass

IEEE 802.11n MCS15 20MHz_2Tx ; ANT B					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
1	2412	15.78	37.84	1Watt= 30 dBm	Pass
6	2437	15.68	36.98	1Watt= 30 dBm	Pass
11	2462	16.35	43.15	1Watt= 30 dBm	Pass

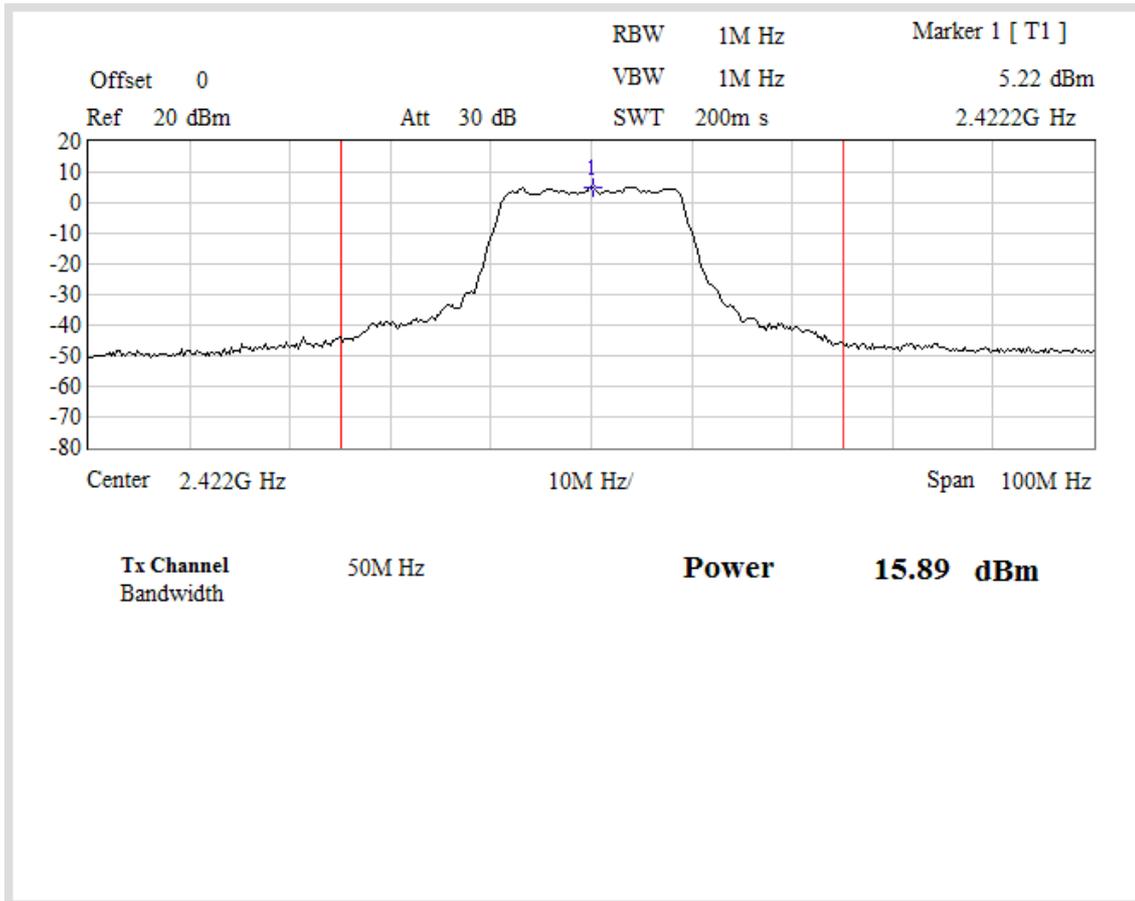
IEEE802.11n MCS15 20MHz_2Tx ; ANT A + ANT B ; Note 1 & Note 2					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
1	2412	18.85	76.66	1Watt= 30 dBm	Pass
6	2437	18.75	74.91	1Watt= 30 dBm	Pass
11	2462	19.52	89.60	1Watt= 30 dBm	Pass

Note:

- 1.Measure Level (ANT A + ANT B)_mW = Measure Level ANT A _mW + Measure Level ANT B _mW
- 2.Measure Level (ANT A + ANT B)_dBm=10Log [Measure Level (ANT A + ANT B)_mW]

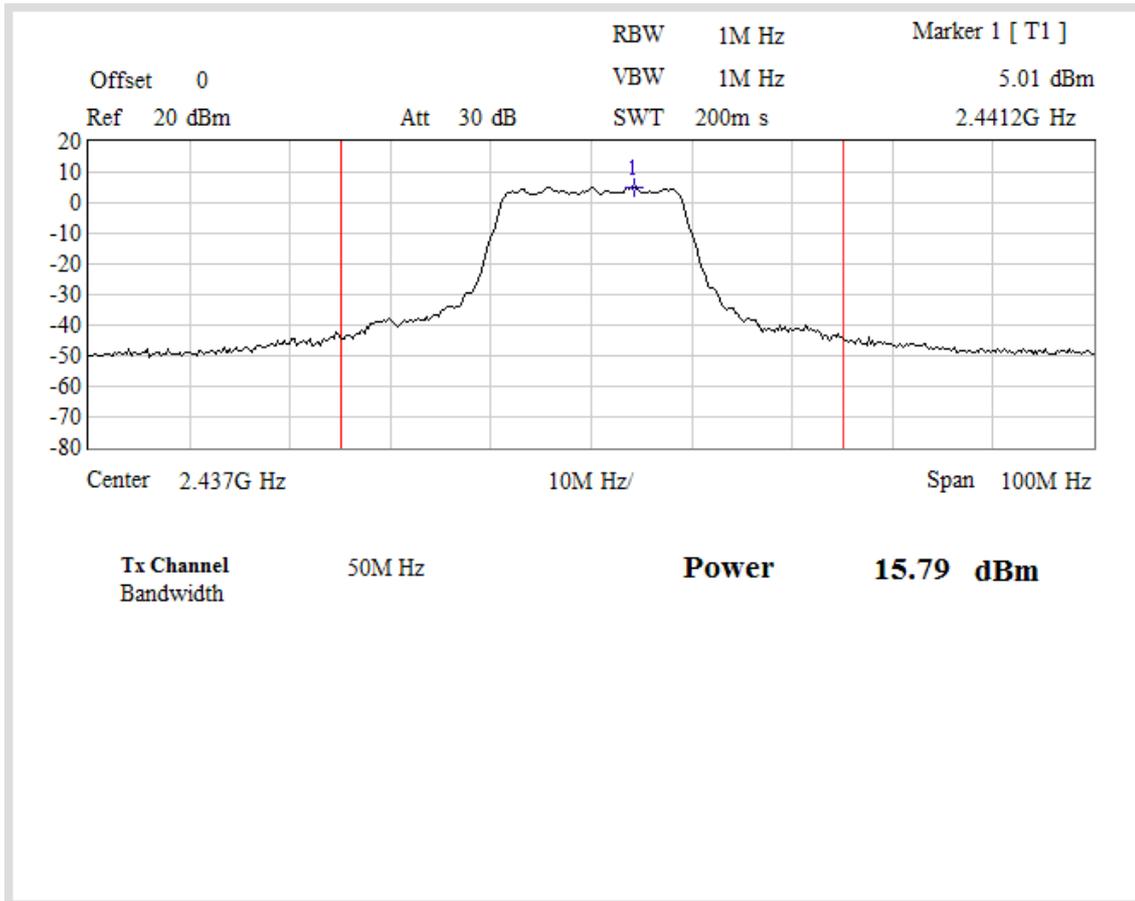
IEEE 802.11n MCS15 20MHz_2Tx ; ANT A

Channel 1



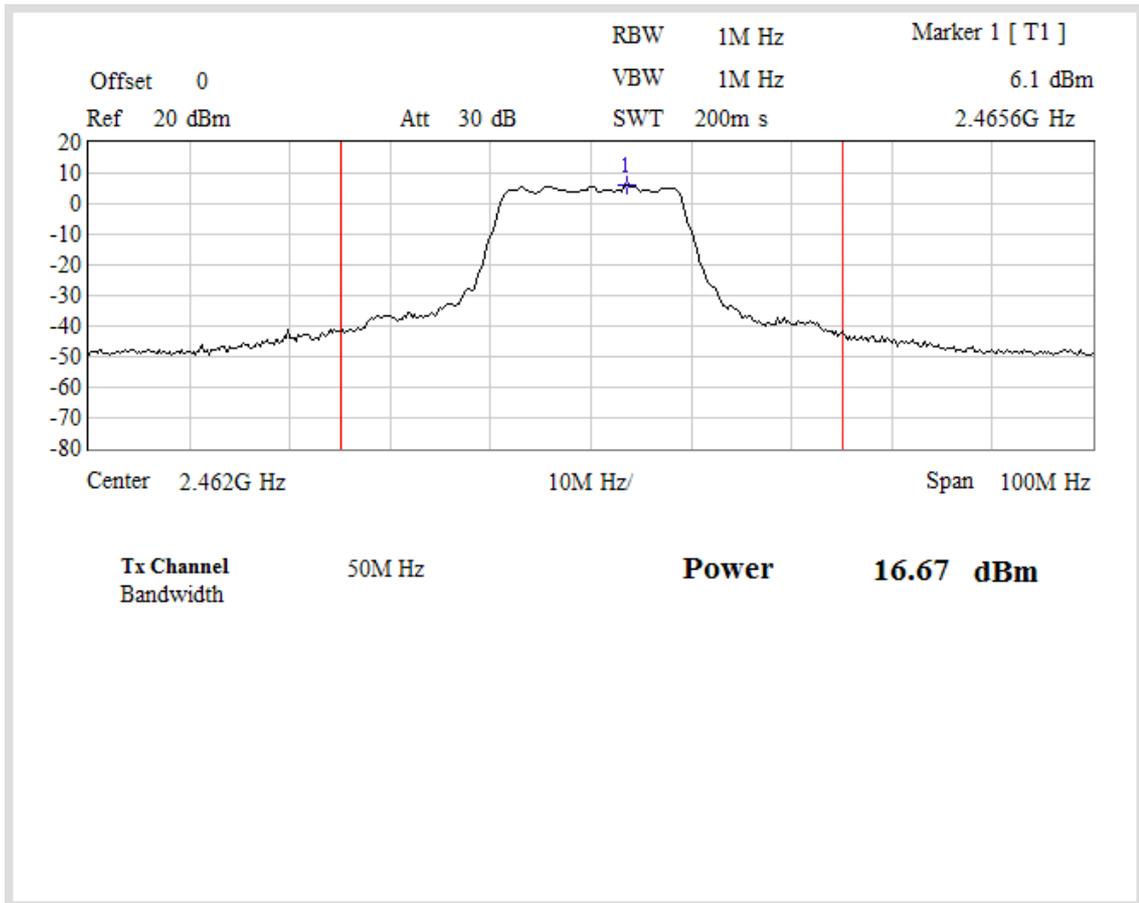
IEEE 802.11n MCS15 20MHz_2Tx ; ANT A

Channel 6



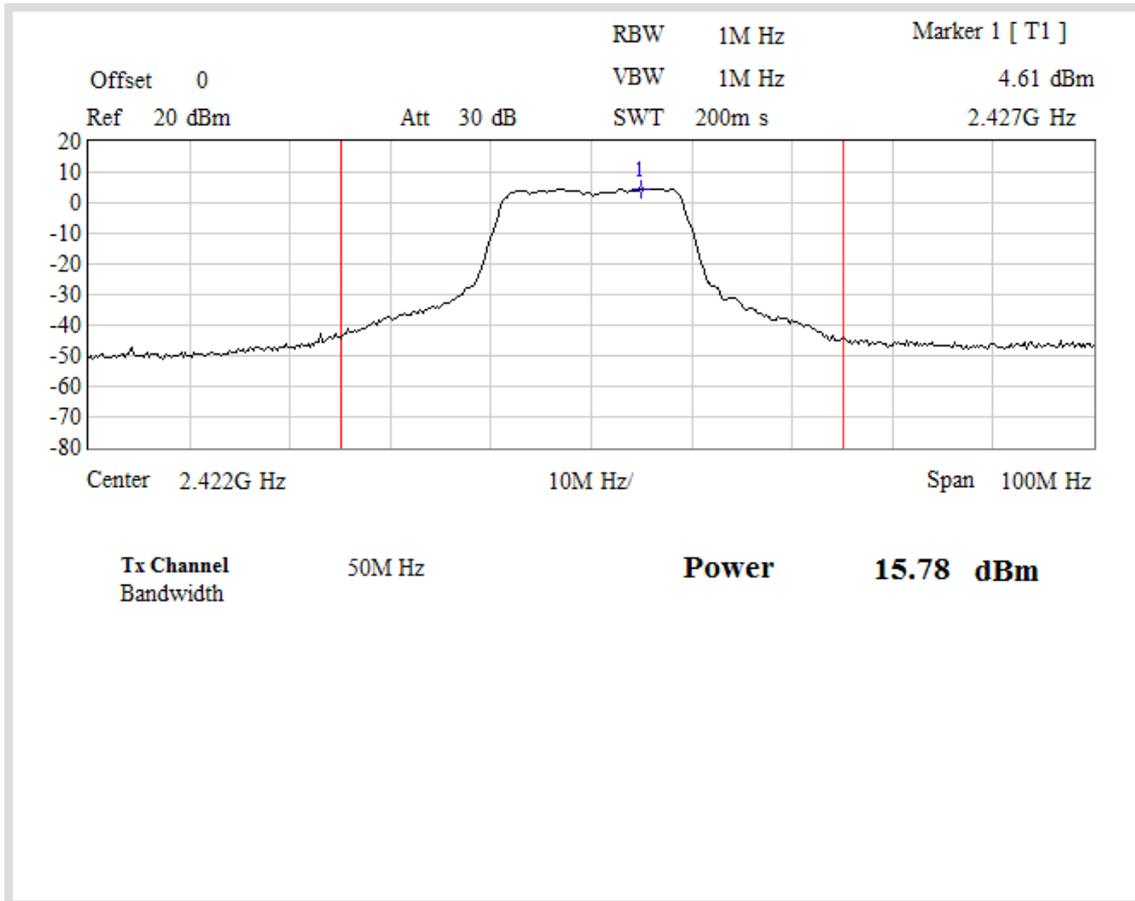
IEEE 802.11n MCS15 20MHz_2Tx ; ANT A

Channel 11



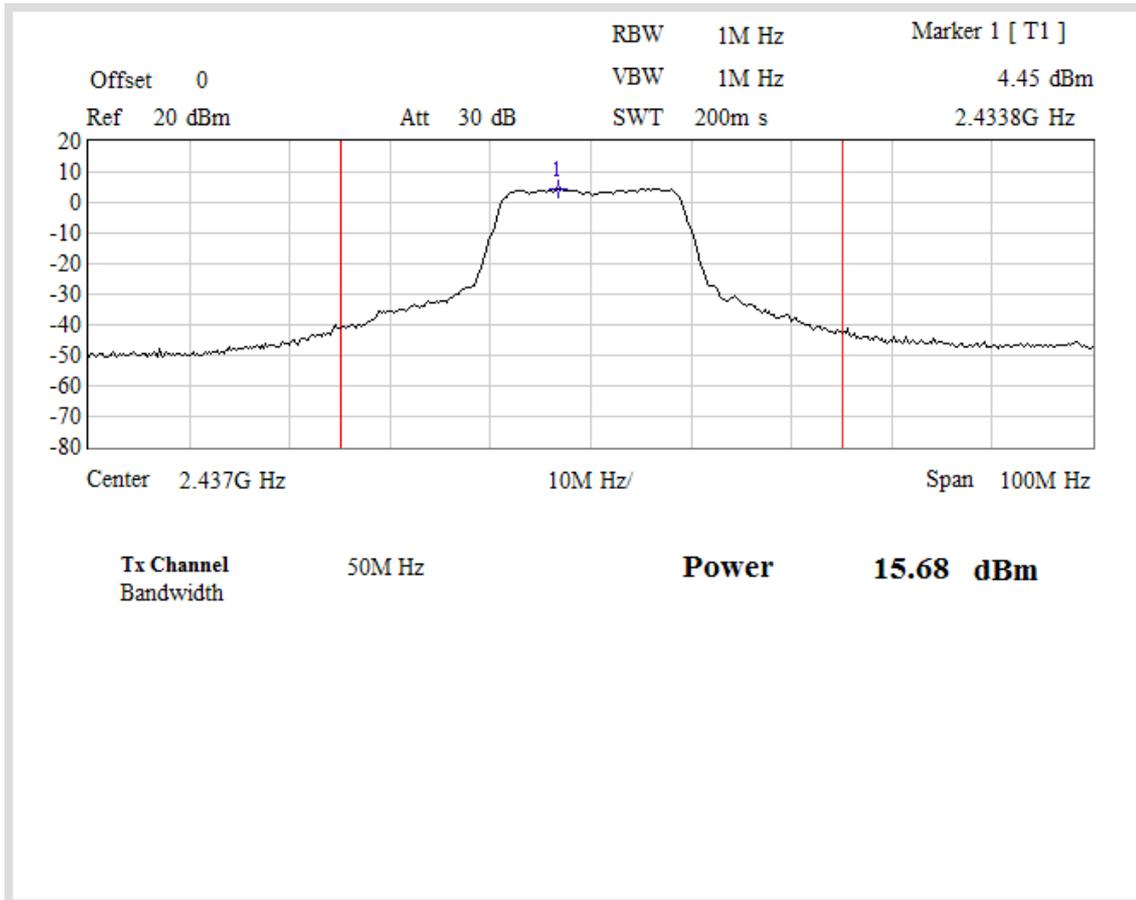
IEEE 802.11n MCS15 20MHz_2Tx ; ANT B

Channel 1

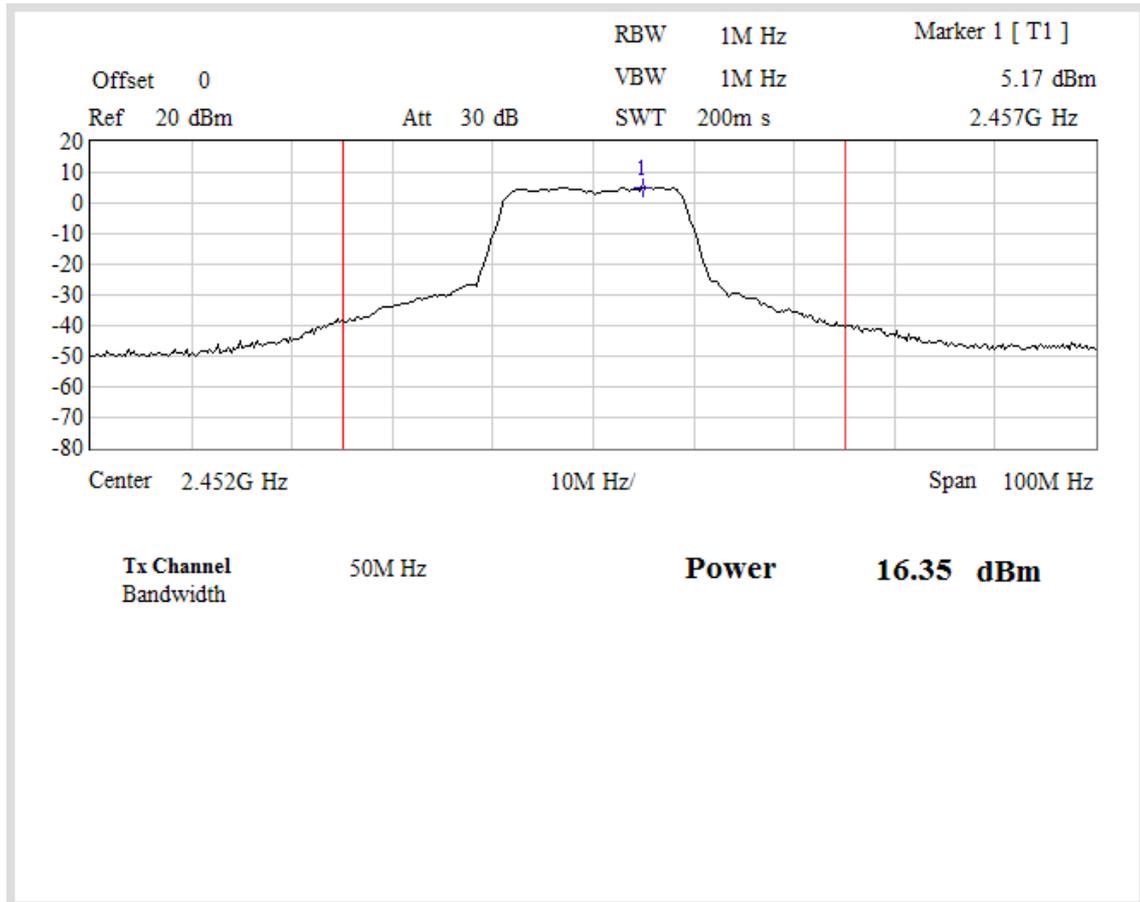


IEEE 802.11n MCS15 20MHz_2Tx ; ANT B

Channel 6



IEEE 802.11n MCS15 20MHz_2Tx ; ANT B
Channel 11



Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE802.11n 40MHz_2Tx

The worst emission of data rate is 300Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		15	30	45	60	90	120	135	150	
1	2412	--	--	--	--	--	--	--	--	30dBm
6	2437	19.11	19.14	19.16	19.19	19.22	19.24	19.25	19.27	30dBm
11	2462	--	--	--	--	--	--	--	--	30dBm

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		30	60	90	120	180	240	270	300	
1	2412	--	--	--	--	--	--	--	18.75	30dBm
6	2437	19.29	19.30	19.33	19.35	19.39	19.41	19.44	19.46	30dBm
11	2462	--	--	--	--	--	--	--	19.46	30dBm

Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
3	2422	15.10	32.36	1Watt= 30 dBm	Pass
6	2437	16.06	40.36	1Watt= 30 dBm	Pass
9	2452	16.52	44.87	1Watt= 30 dBm	Pass

IEEE802.11n ;MCS15 40MHz_2Tx ; ANT B					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
3	2422	16.30	42.66	1Watt= 30 dBm	Pass
6	2437	16.80	47.86	1Watt= 30 dBm	Pass
9	2452	16.37	43.35	1Watt= 30 dBm	Pass

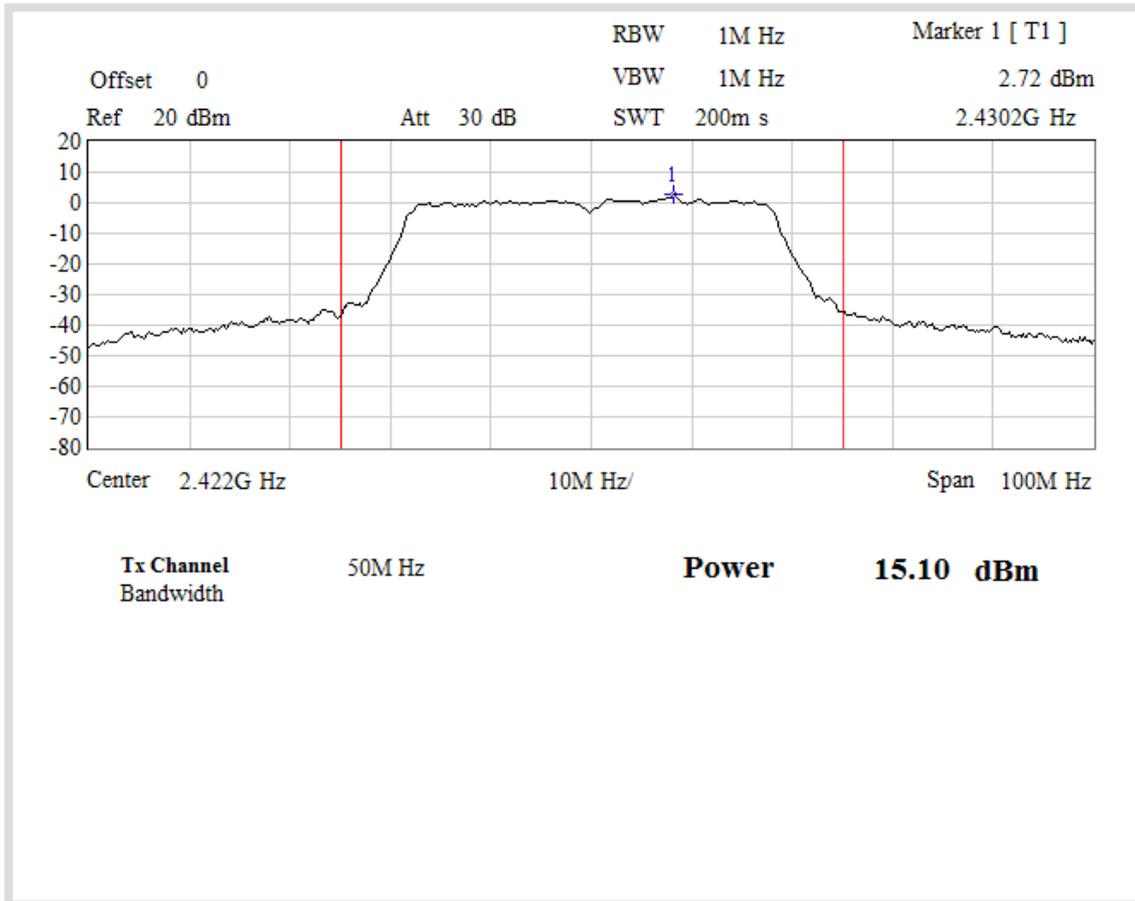
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A+ ANT B ; Note 1 & Note 2					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
3	2422	18.75	75.02	1Watt= 30 dBm	Pass
6	2437	19.46	88.22	1Watt= 30 dBm	Pass
9	2452	19.46	88.22	1Watt= 30 dBm	Pass

Note:

- 1.Measure Level (ANT A + ANT B)_mW = Measure Level ANT A _mW + Measure Level ANT B _mW
- 2.Measure Level (ANT A + ANT B)_dBm=10Log [Measure Level (ANT A + ANT B)_mW]

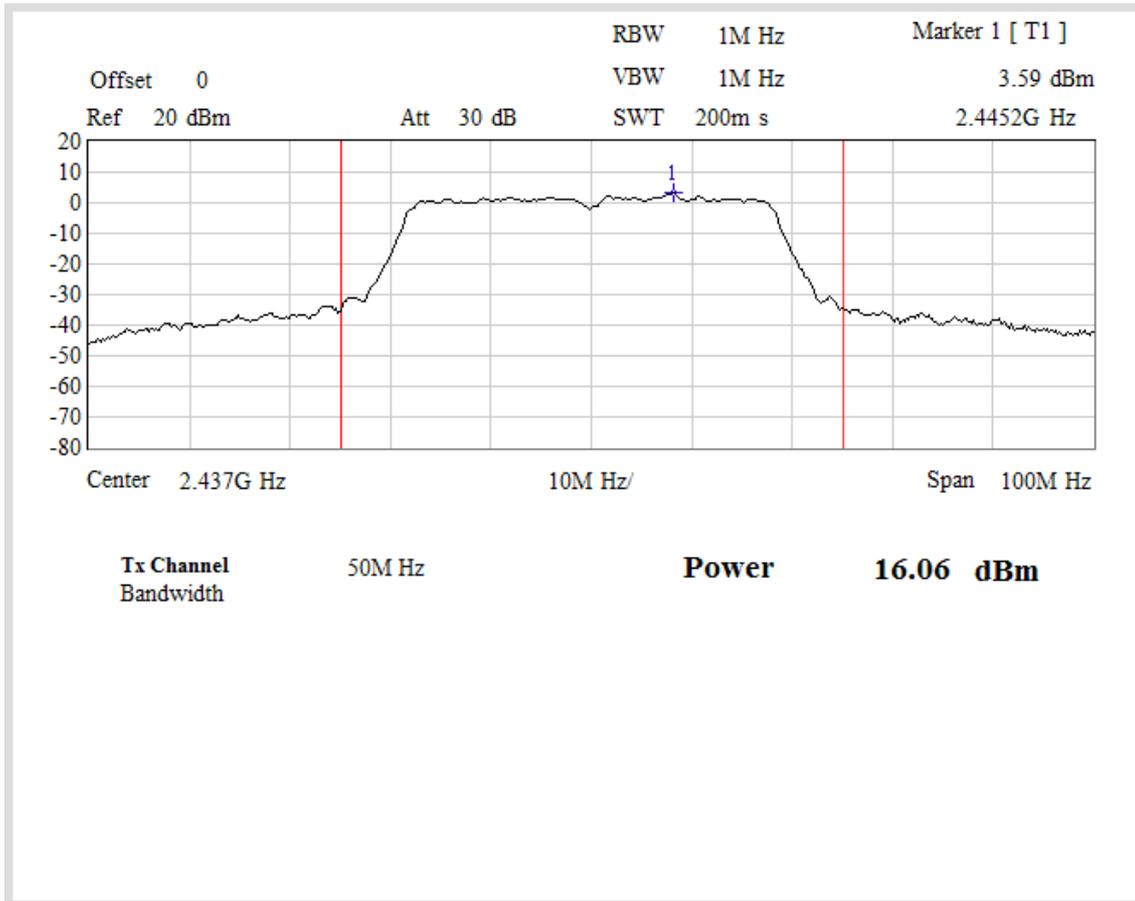
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A

Channel 3



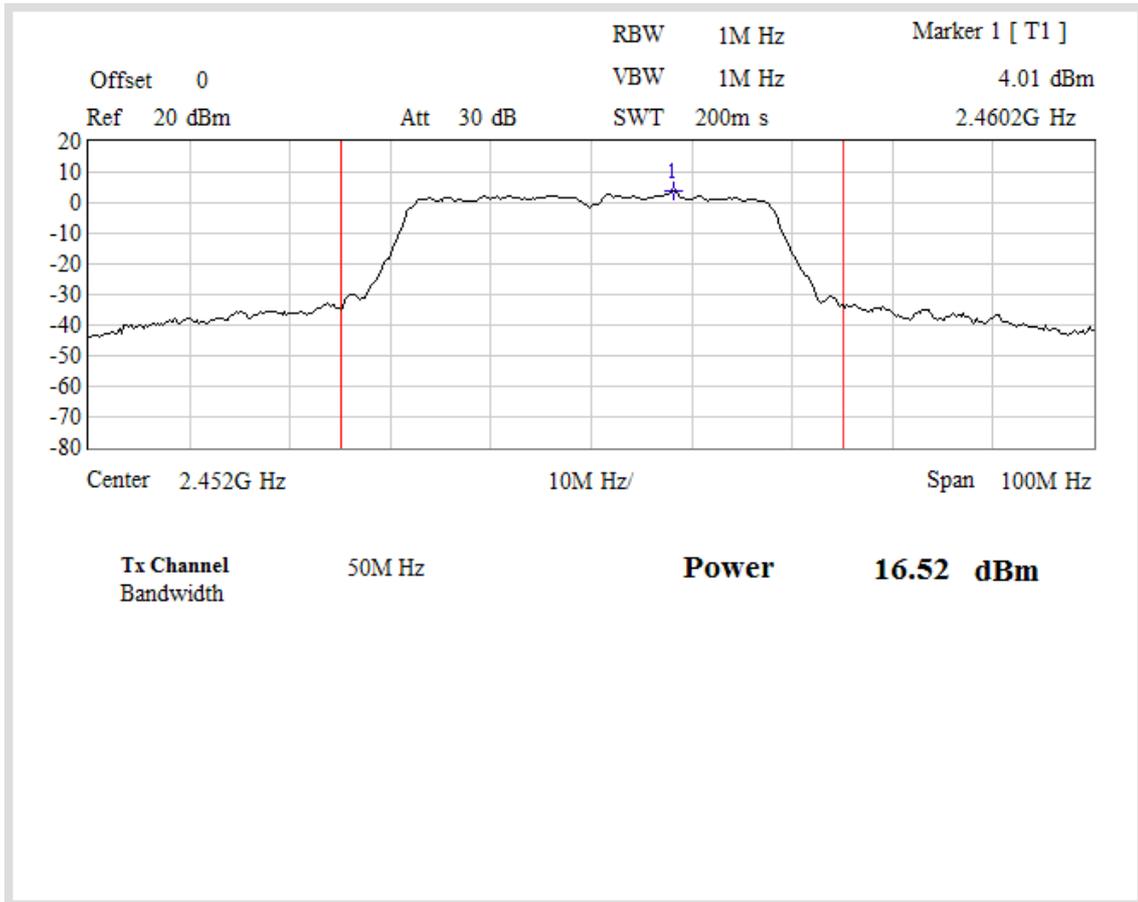
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A

Channel 6



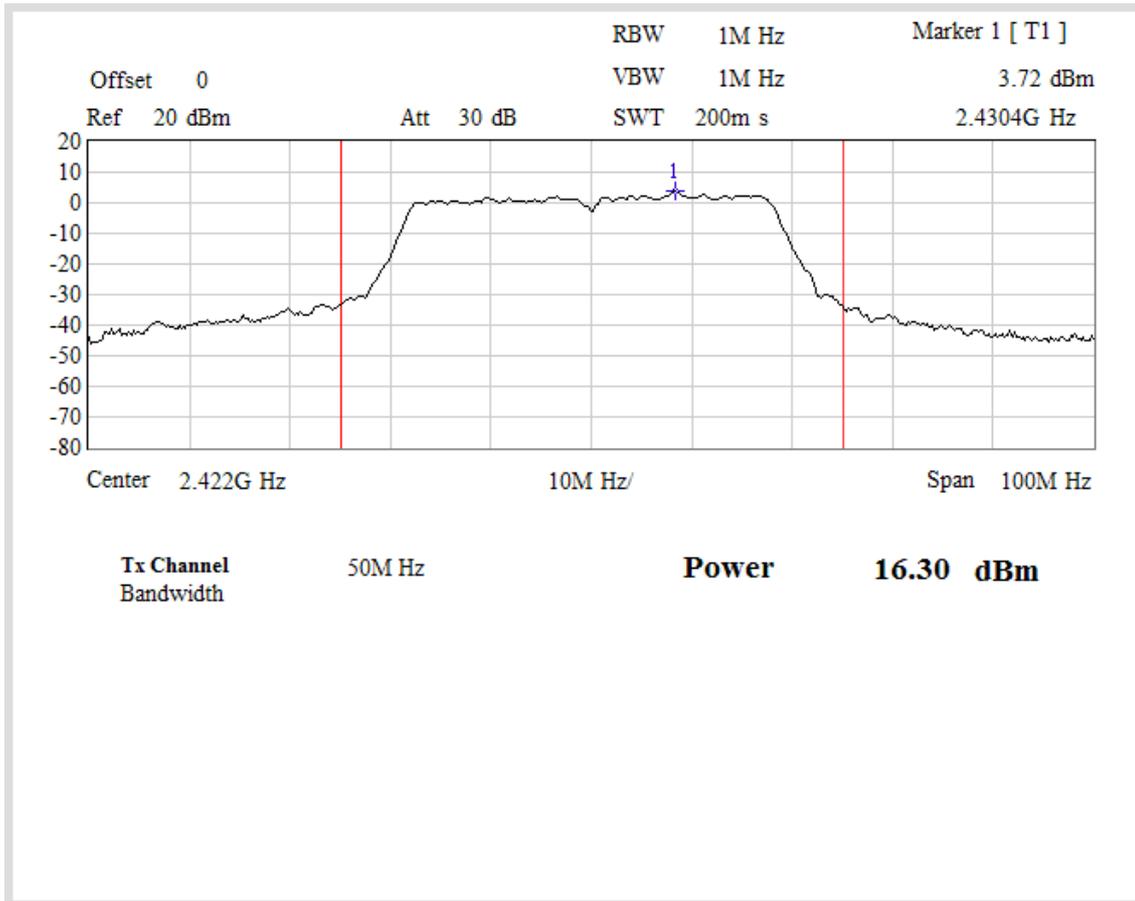
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A

Channel 9



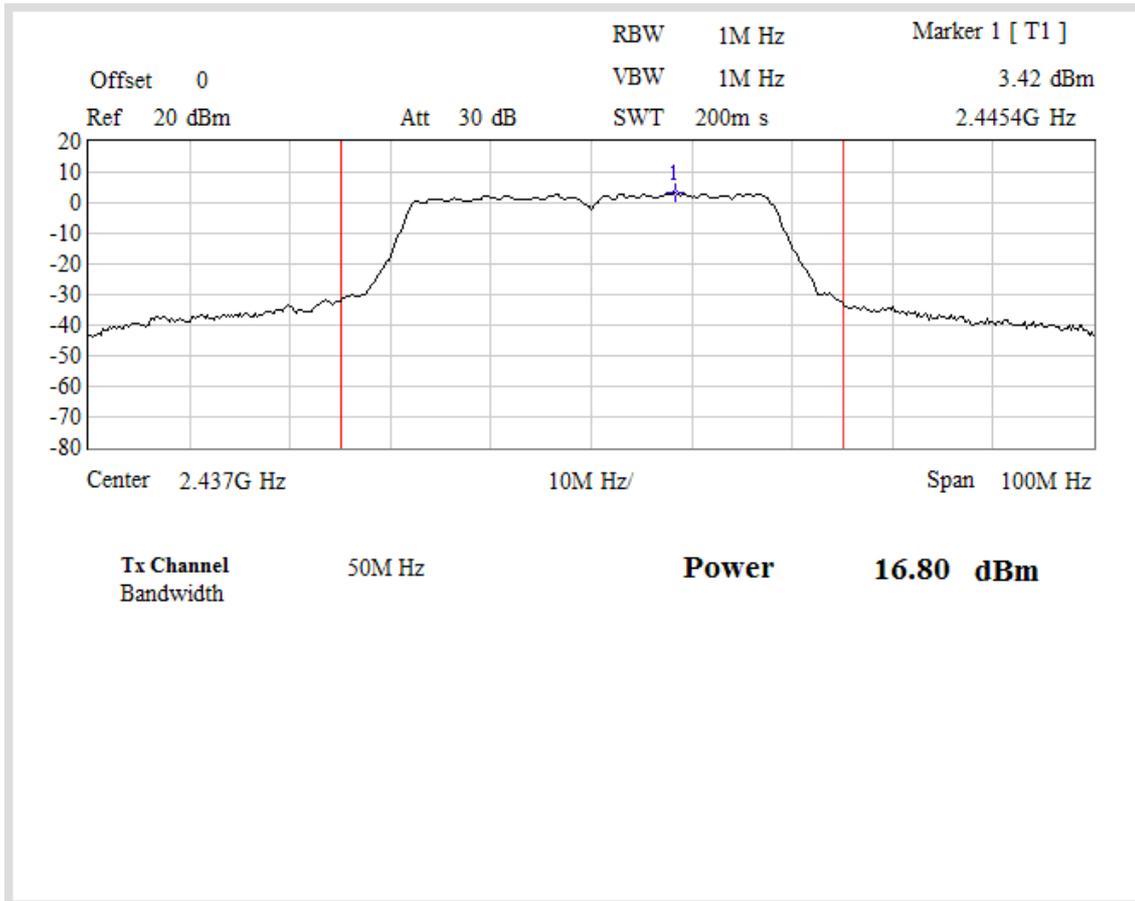
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT B

Channel 3



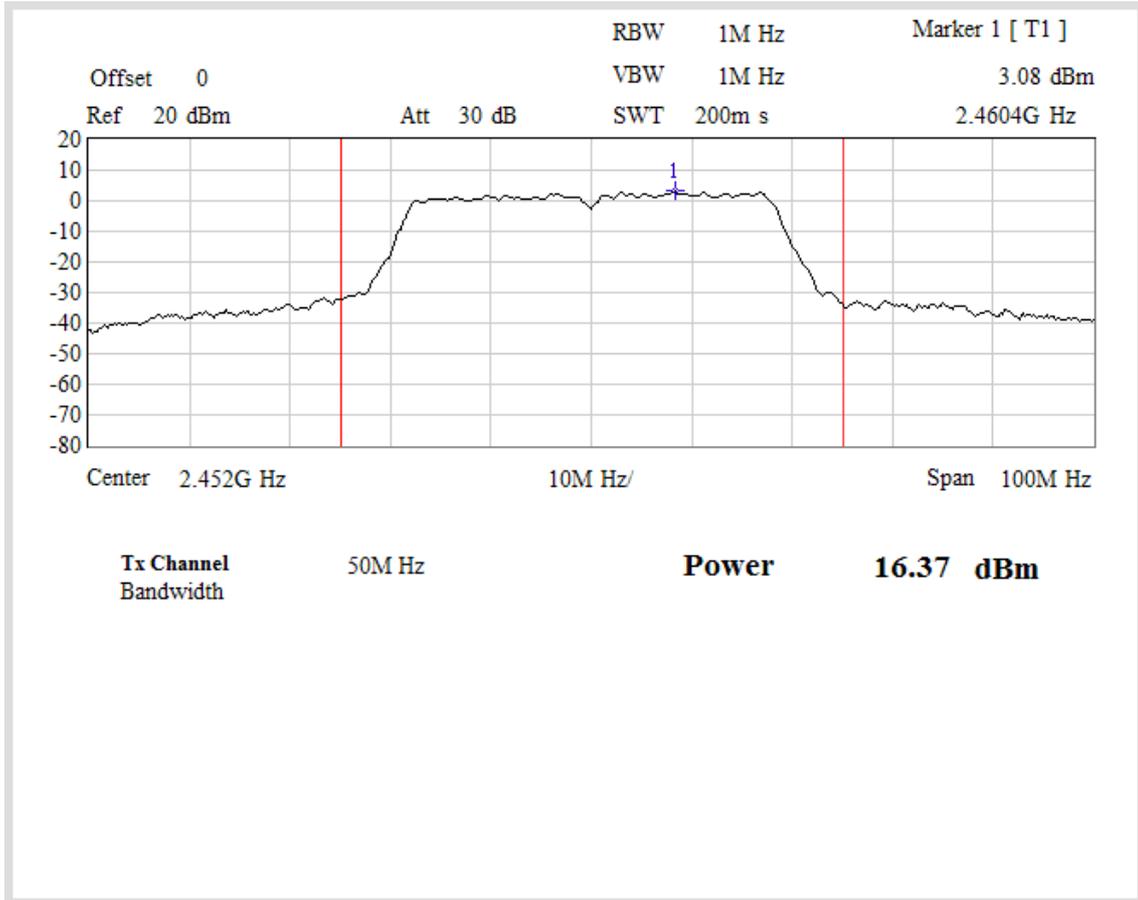
IEEE802.11n ;MCS15 40MHz_2Tx ; ANT B

Channel 6



IEEE802.11n ;MCS15 40MHz_2Tx ; ANT B

Channel 9



4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

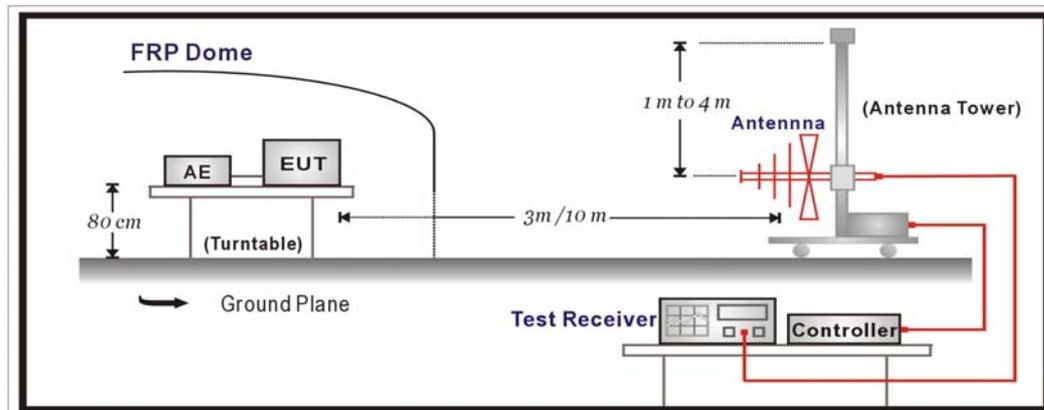
Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 836858/023	Apr., 2008
2	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2007
3	X	Pre-Amplifier	HP	8449B / 3008A01123	Nov., 2007
4	X	Bilog Antenna	Schaffner	CBL6112B / 2708	Sep., 2007
5	X	Spectrum Analyzer	Advantest	R3162 / 121200166	Feb., 2008
6	X	Pre-Amplifier	Quietek	AP-025C / 002	N/A
7	X	Horn Antenna	Electro Metrics	EM-6961 / 103325	Mar., 2008
8		No.2 OATS			Sep., 2007

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

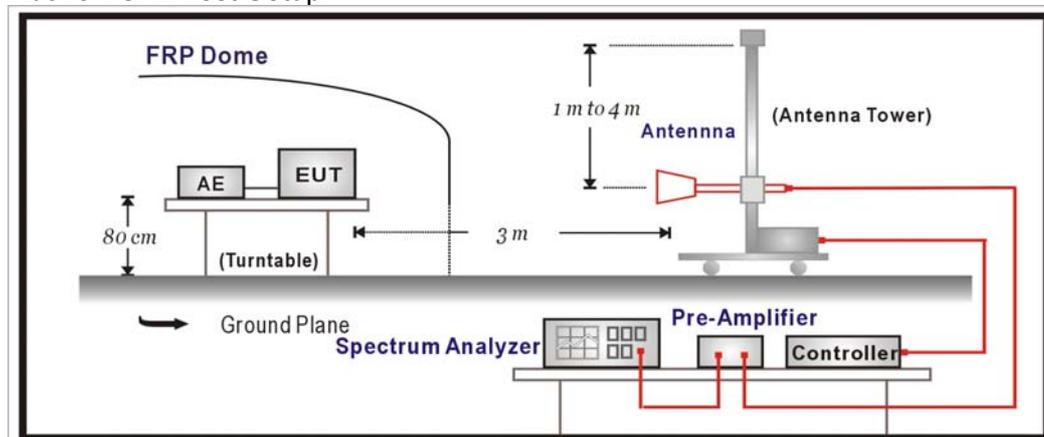
2. Last Cal showing "N/A" means it is used to Pre-test, not for final test.

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, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement. The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz. The frequency range from 30MHz to 10th harmonics is checked.

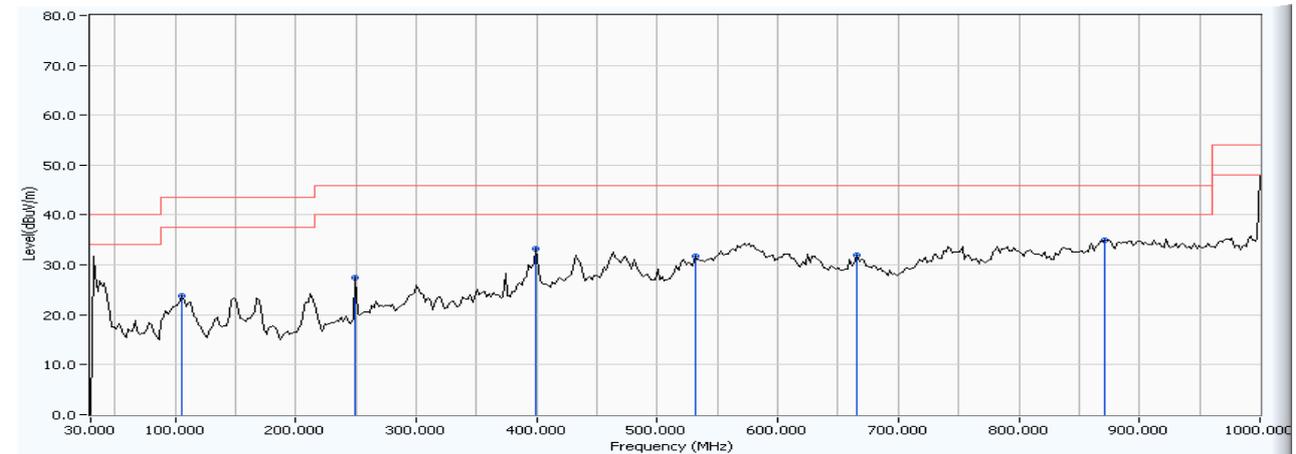
4.5. Uncertainty

The measurement uncertainty
 30MHz~1GHz as ±3.19dB
 1GHz~26.5Ghz as ±3.9dB

4.6. Test Result

30MHz-1GHz Spurious

Engineer : Halu Chung	Time : 2008/04/02 - 15:12
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx-B	

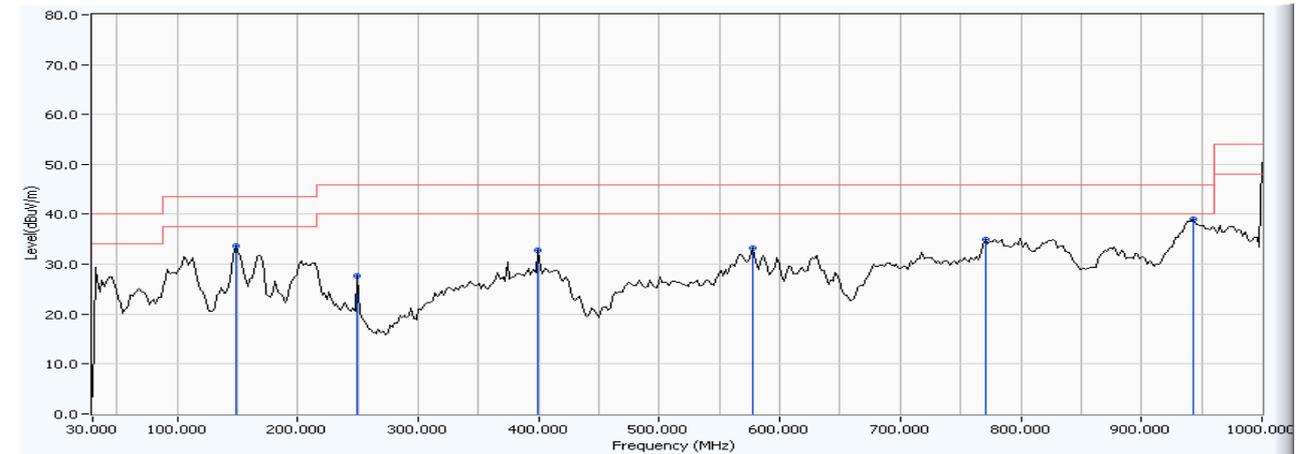


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	105.812	1.255	22.644	23.900	-19.600	43.500	QUASIPeAK
2	249.659	0.549	26.867	27.416	-18.584	46.000	QUASIPeAK
3	399.339	10.661	22.508	33.169	-12.831	46.000	QUASIPeAK
4	531.523	10.136	21.706	31.843	-14.157	46.000	QUASIPeAK
5	665.651	10.293	21.630	31.923	-14.077	46.000	QUASIPeAK
6	* 871.703	14.115	20.791	34.907	-11.093	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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:18
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx-B	

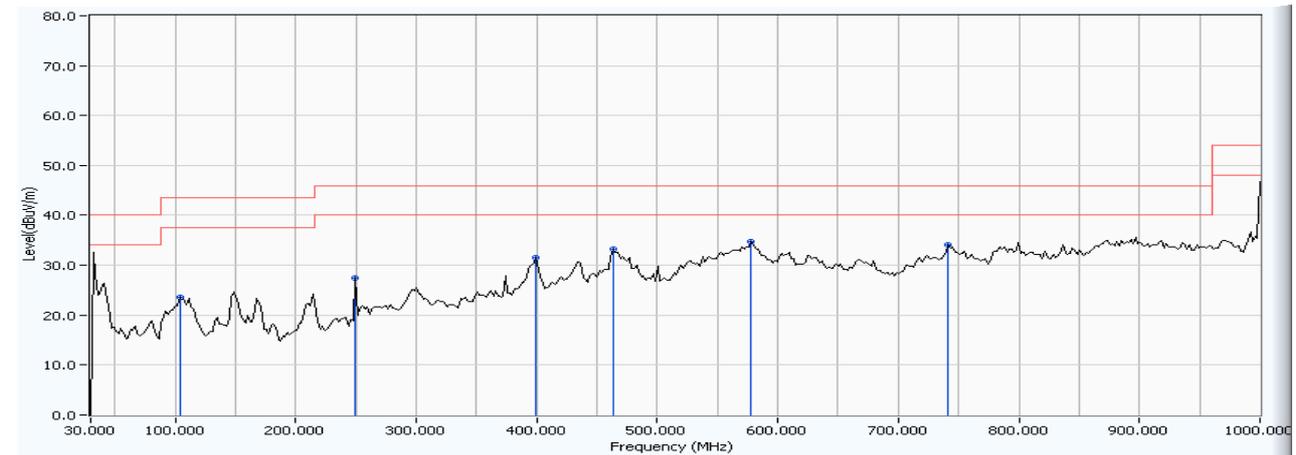


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	148.577	5.468	28.107	33.575	-9.925	43.500	QUASPEAK
2	249.659	1.604	26.169	27.773	-18.227	46.000	QUASPEAK
3	399.339	9.047	23.809	32.857	-13.143	46.000	QUASPEAK
4	578.176	13.025	20.263	33.287	-12.713	46.000	QUASPEAK
5	770.621	14.416	20.548	34.964	-11.036	46.000	QUASPEAK
6	* 943.627	17.200	21.787	38.987	-7.013	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:29
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx-G	

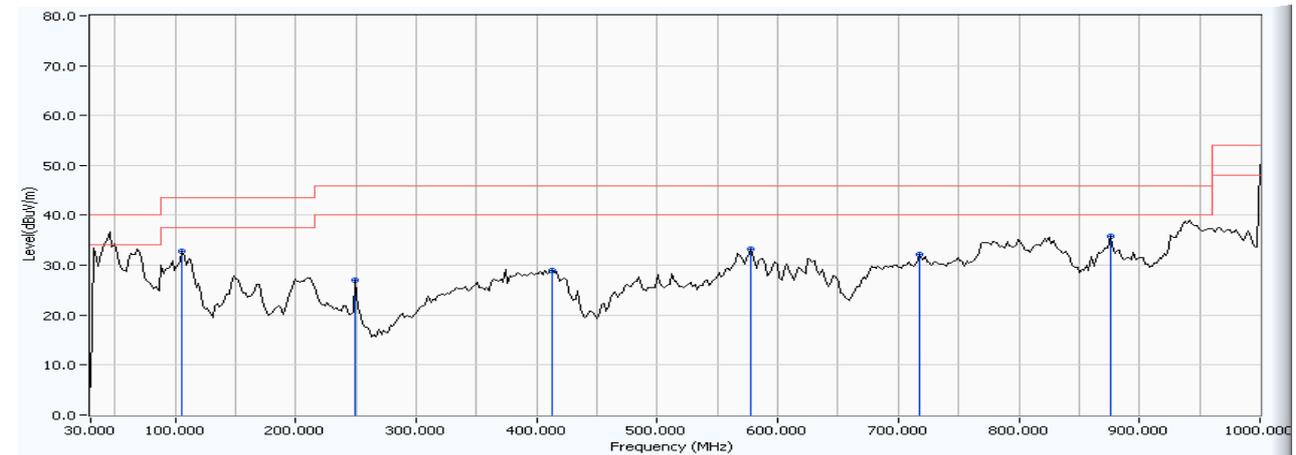


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	103.868	1.515	22.132	23.647	-19.853	43.500	QUASPEAK
2	249.659	0.549	26.881	27.430	-18.570	46.000	QUASPEAK
3	399.339	10.661	20.936	31.597	-14.403	46.000	QUASPEAK
4	463.487	12.516	20.712	33.228	-12.772	46.000	QUASPEAK
5	* 578.176	14.091	20.607	34.697	-11.303	46.000	QUASPEAK
6	741.463	13.358	20.739	34.097	-11.903	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:33
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx-G	

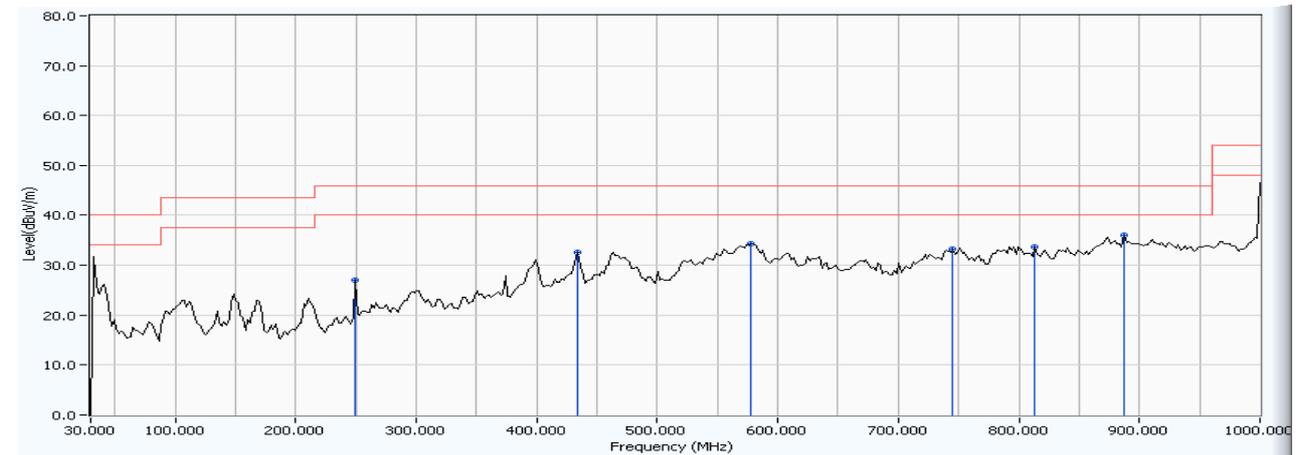


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	105.812	9.512	23.370	32.883	-10.617	43.500	QUASPEAK
2	249.659	1.604	25.390	26.994	-19.006	46.000	QUASPEAK
3	412.946	9.318	19.573	28.891	-17.109	46.000	QUASPEAK
4	578.176	13.025	20.326	33.350	-12.650	46.000	QUASPEAK
5	718.136	11.428	20.745	32.173	-13.827	46.000	QUASPEAK
6	* 875.591	12.856	23.004	35.860	-10.140	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:42
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx11N-20MHz	

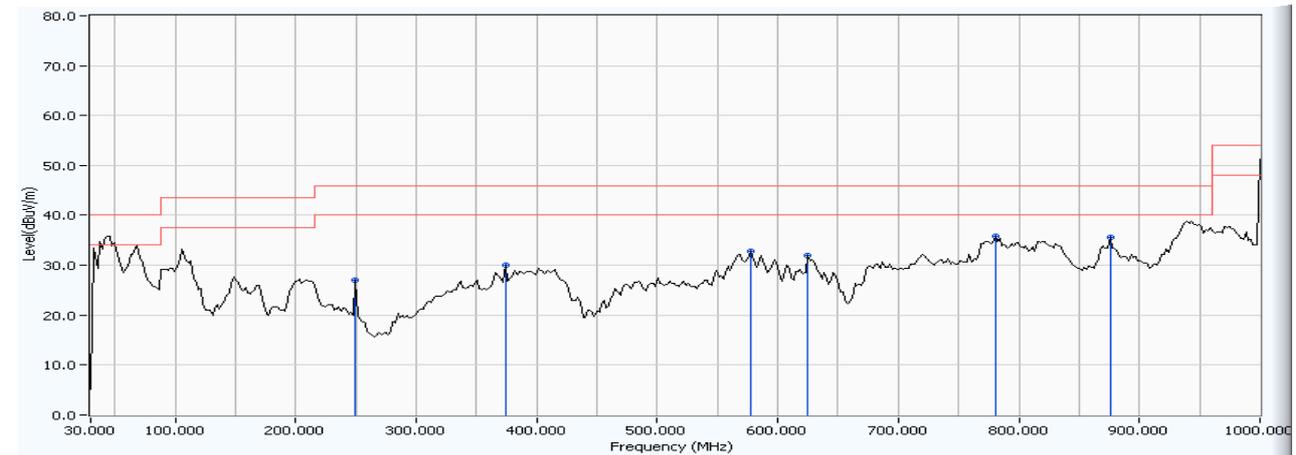


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	249.659	0.549	26.403	26.952	-19.048	46.000	QUASPEAK
2	434.329	11.590	20.989	32.579	-13.421	46.000	QUASPEAK
3	578.176	14.091	20.212	34.302	-11.698	46.000	QUASPEAK
4	745.351	12.923	20.413	33.336	-12.664	46.000	QUASPEAK
5	813.387	11.583	22.034	33.617	-12.383	46.000	QUASPEAK
6	* 887.255	13.703	22.409	36.111	-9.889	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:46
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx11N-20MHz	

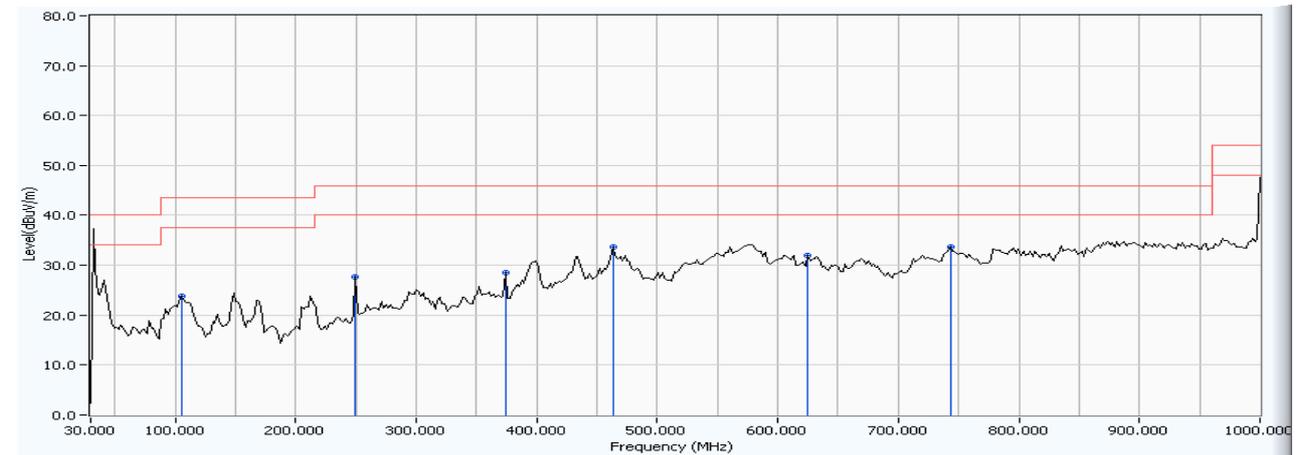


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	249.659	1.604	25.345	26.949	-19.051	46.000	QUASPEAK
2	374.068	6.871	23.230	30.101	-15.899	46.000	QUASPEAK
3	578.176	13.025	19.854	32.878	-13.122	46.000	QUASPEAK
4	624.830	9.505	22.410	31.915	-14.085	46.000	QUASPEAK
5	* 780.341	14.363	21.470	35.833	-10.167	46.000	QUASPEAK
6	875.591	12.856	22.722	35.578	-10.422	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:53
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx11N-40MHz	

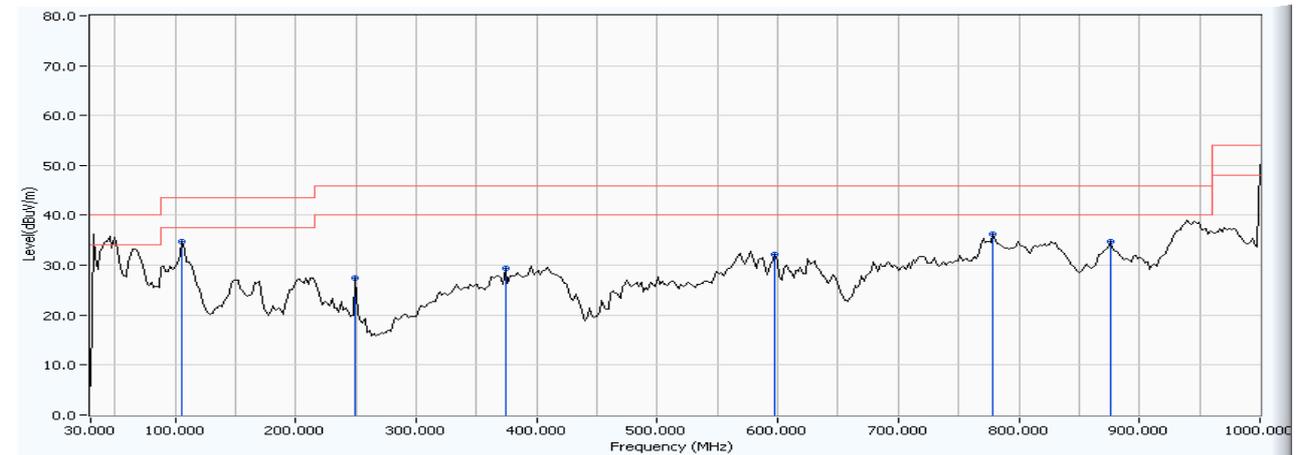


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	105.812	1.255	22.522	23.778	-19.722	43.500	QUASPEAK
2	249.659	0.549	27.095	27.644	-18.356	46.000	QUASPEAK
3	374.068	4.653	23.901	28.554	-17.446	46.000	QUASPEAK
4	* 463.487	12.516	21.178	33.694	-12.306	46.000	QUASPEAK
5	624.830	10.661	21.359	32.021	-13.979	46.000	QUASPEAK
6	743.407	13.148	20.438	33.586	-12.414	46.000	QUASPEAK

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.

Engineer : Halu Chung	Time : 2008/04/02 - 15:57
Site : Site 2	Margin : 6
Limit : FCC_CLASS_B_03M_QP	Probe : CB3_FCC_30-1G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/ 60Hz
Note : Tx11N-40MHz	



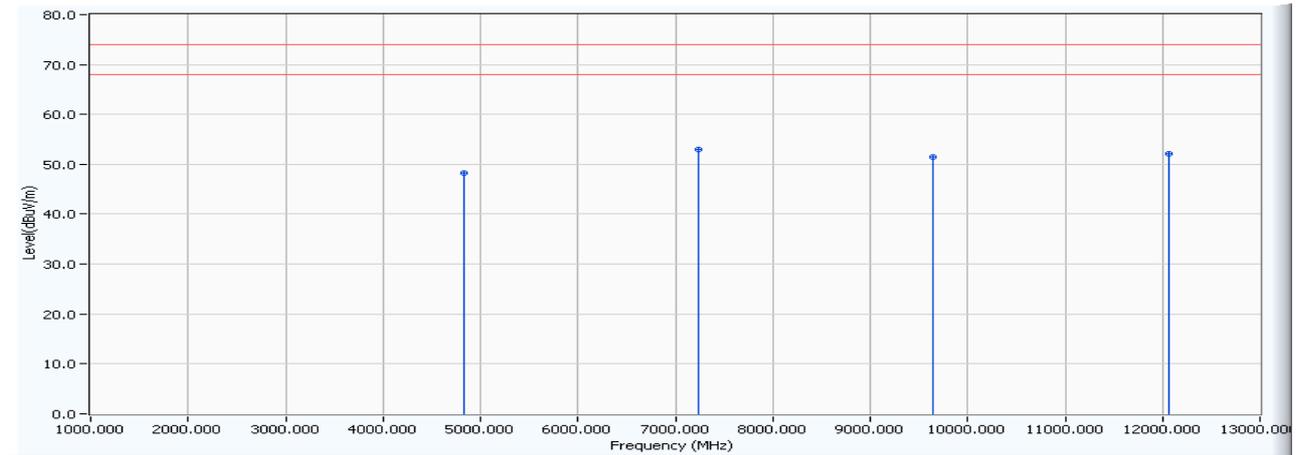
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.812	9.512	25.325	34.838	-8.662	43.500	QUASPEAK
2		249.659	1.604	25.781	27.385	-18.615	46.000	QUASPEAK
3		374.068	6.871	22.595	29.466	-16.534	46.000	QUASPEAK
4		597.615	11.327	20.871	32.198	-13.802	46.000	QUASPEAK
5		778.397	14.405	21.866	36.271	-9.729	46.000	QUASPEAK
6		875.591	12.856	21.904	34.760	-11.240	46.000	QUASPEAK

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.

Harmonic & Spurious:

Engineer : Halu Chung	Time : 2008/03/28 - 17:13
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-B-CH1	

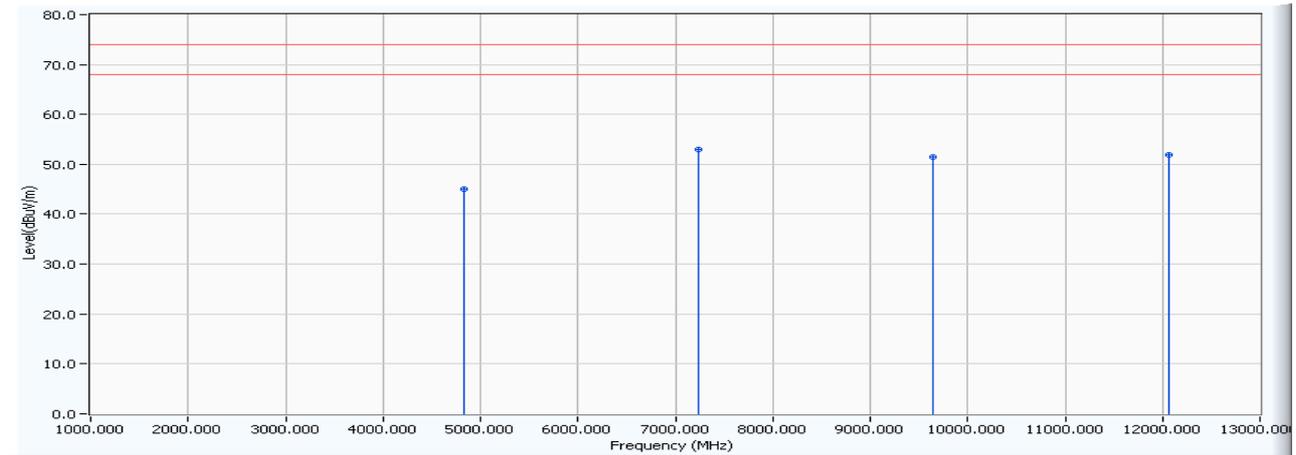


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.020	3.976	44.220	48.196	-25.804	74.000	54.000	PEAK
2	* 7232.430	11.431	41.440	52.871	-21.129	74.000	54.000	PEAK
3	9645.470	16.083	35.370	51.453	-22.547	74.000	54.000	PEAK
4	12060.610	17.524	34.570	52.095	-21.905	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.

Engineer : Halu Chung	Time : 2008/03/31 - 11:03
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH1	

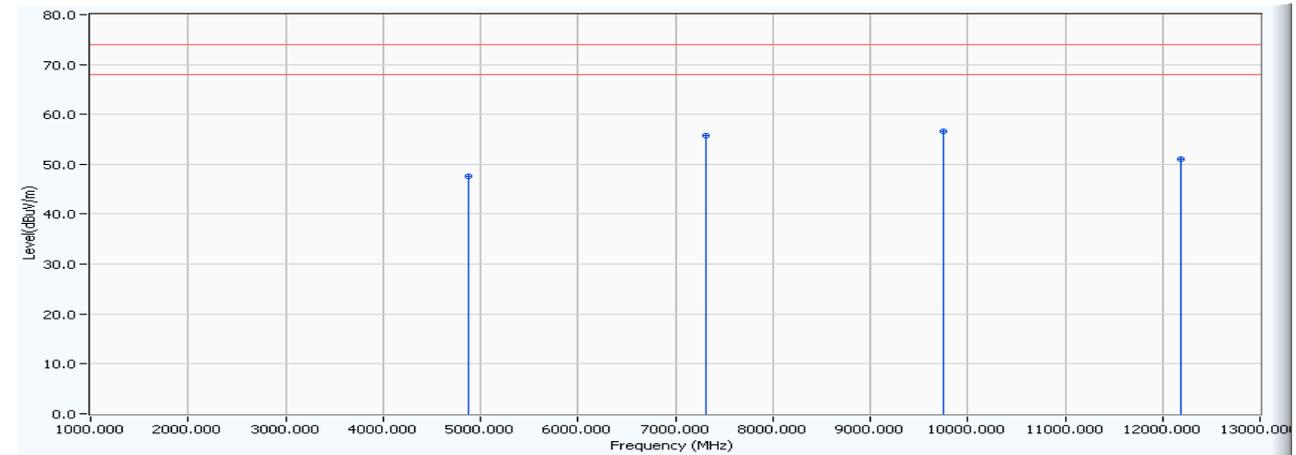


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.270	38.807	41.100	45.077	-28.923	74.000	54.000	PEAK
2	* 7240.050	46.935	40.950	52.885	-21.115	74.000	54.000	PEAK
3	9648.040	50.294	36.740	51.534	-22.466	74.000	54.000	PEAK
4	12058.840	52.245	34.580	51.985	-22.015	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.

Engineer : Halu Chung	Time : 2008/03/31 - 11:37
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH6	

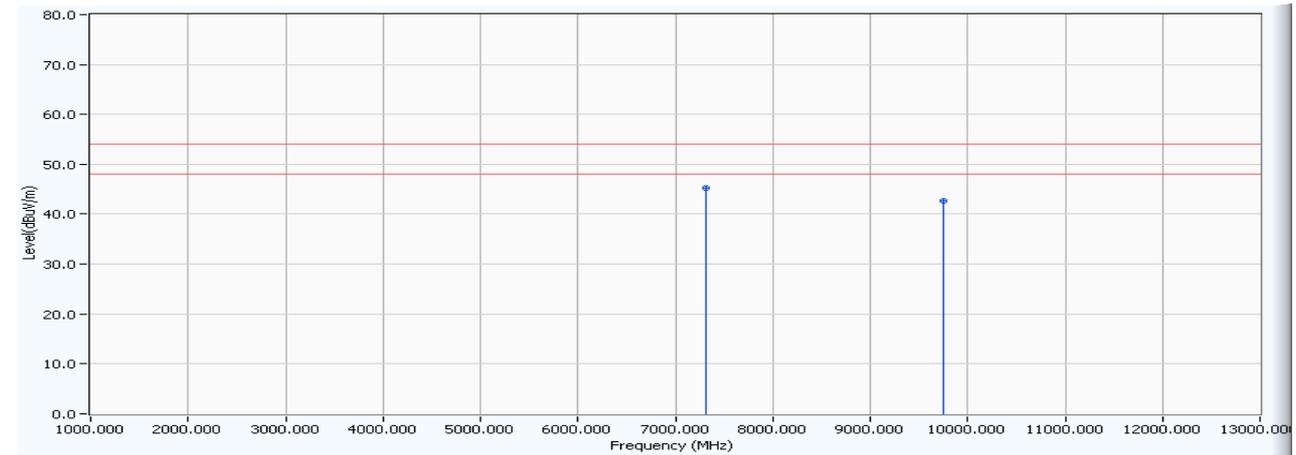


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4873.850	4.142	43.430	47.572	-26.428	74.000	54.000	PEAK
2	7319.260	11.659	44.130	55.789	-18.211	74.000	54.000	PEAK
3	* 9747.890	16.419	40.280	56.699	-17.301	74.000	54.000	PEAK
4	12184.950	17.887	33.190	51.077	-22.923	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.

Engineer : Halu Chung	Time : 2008/03/31 - 11:41
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH6	

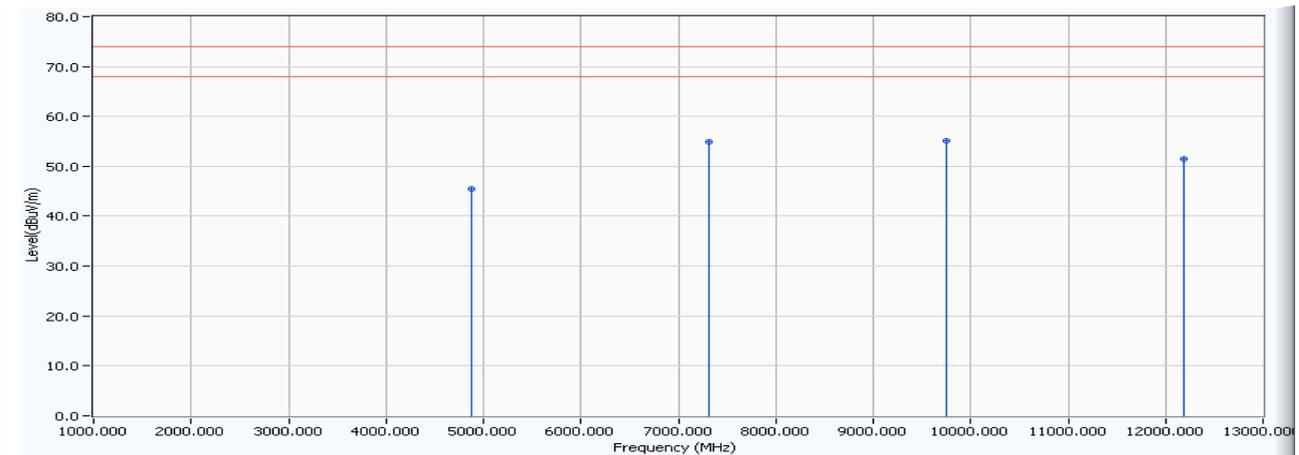


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7311.070	11.640	33.660	45.300	-8.700	74.000	54.000	AVERAGE
2		9748.460	16.421	26.330	42.751	-11.249	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 11:42
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH6	

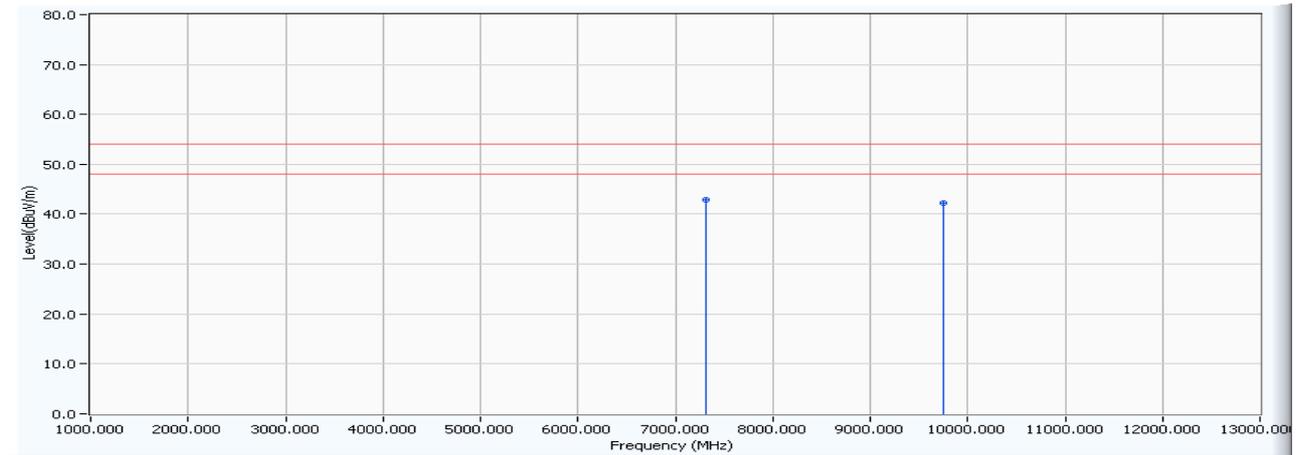


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.270	4.144	41.370	45.514	-28.486	74.000	54.000	PEAK
2	7314.540	12.275	42.580	54.855	-19.145	74.000	54.000	PEAK
3	* 9748.090	14.922	40.270	55.192	-18.808	74.000	54.000	PEAK
4	12184.840	17.519	34.040	51.559	-22.441	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.

Engineer : Halu Chung	Time : 2008/03/31 - 11:44
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH6	

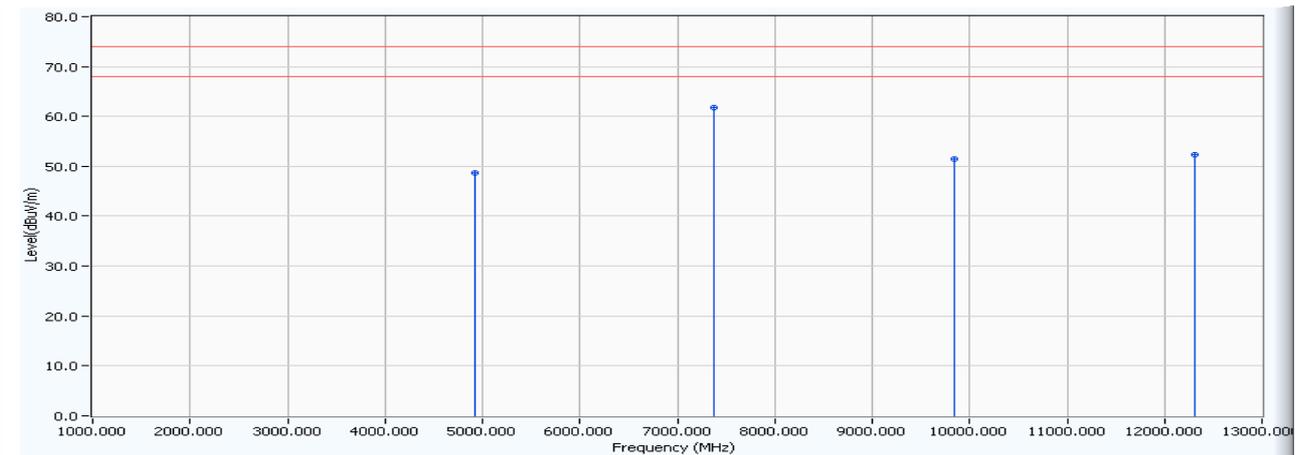


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	7311.250	11.639	31.290	42.930	-11.070	74.000	54.000	AVERAGE
2	* 9747.790	14.922	27.360	42.282	-11.718	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 13:33
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH11	

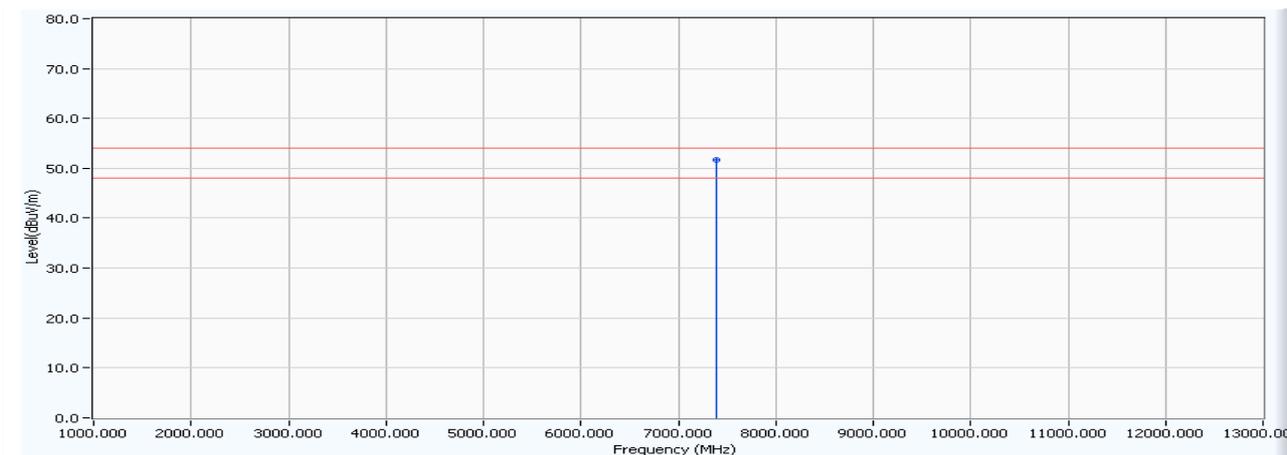


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4923.740	4.308	44.420	48.728	-25.272	74.000	54.000	PEAK
2	* 7382.200	11.847	49.820	61.667	-12.333	74.000	54.000	PEAK
3	9847.850	16.728	34.750	51.478	-22.522	74.000	54.000	PEAK
4	12307.790	18.248	34.010	52.258	-21.742	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.

Engineer : Halu Chung	Time : 2008/03/31 - 13:34
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH11	

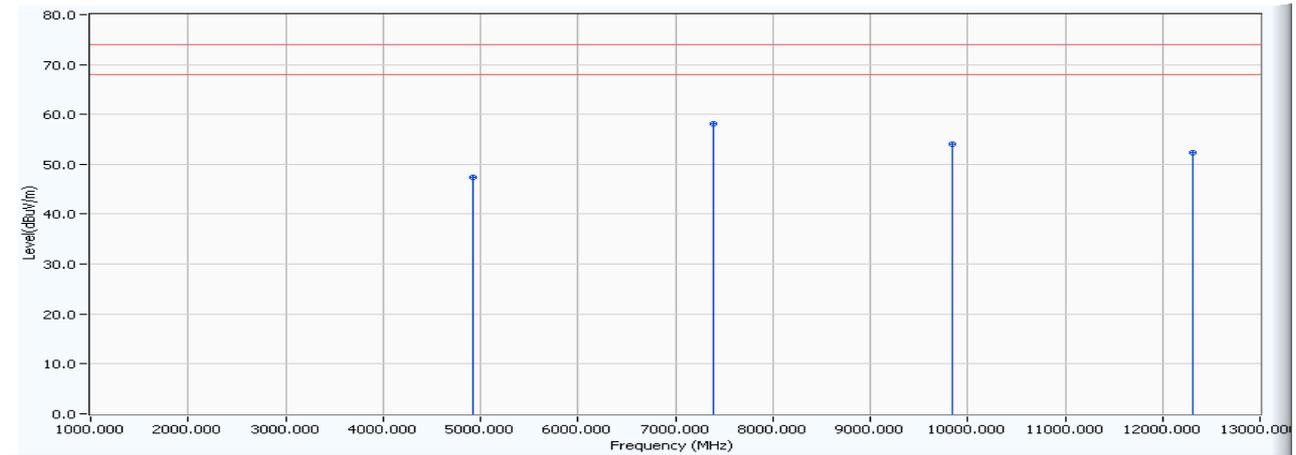


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7386.400	11.857	39.730	51.587	-2.413	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 14:04
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH11	

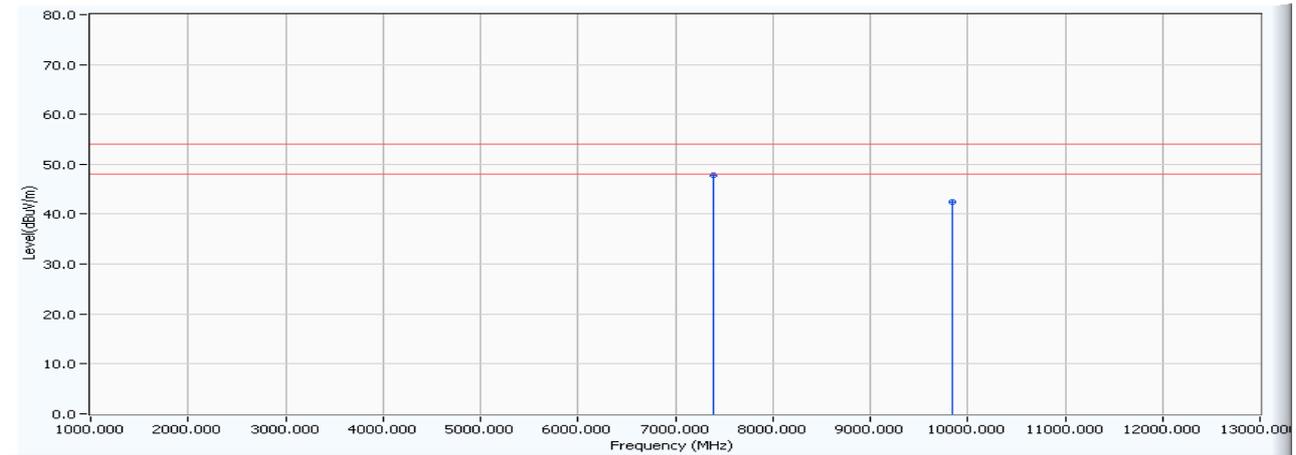


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.100	4.310	43.060	47.370	-26.630	74.000	54.000	PEAK
2	* 7389.760	12.641	45.400	58.041	-15.959	74.000	54.000	PEAK
3	9847.800	15.034	39.070	54.104	-19.896	74.000	54.000	PEAK
4	12306.220	17.631	34.640	52.271	-21.729	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.

Engineer : Halu Chung	Time : 2008/03/31 - 14:05
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless RouterRouter	Power : AC 120V/60Hz
Note : Tx-B-CH11	

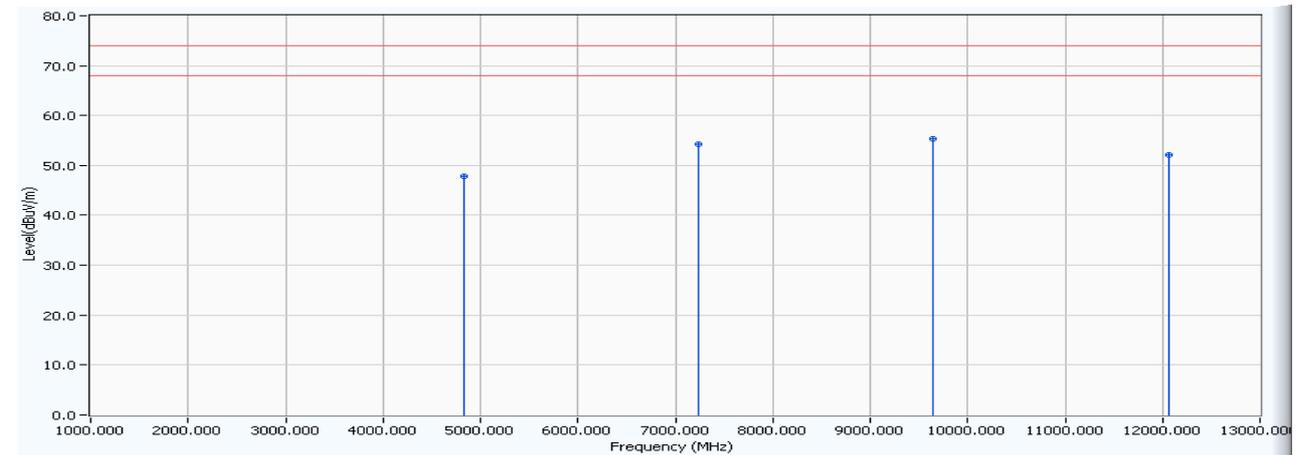


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7386.600	12.628	35.180	47.808	-6.192	74.000	54.000	AVERAGE
2		9847.900	16.728	25.640	42.368	-11.632	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 14:46
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH1	

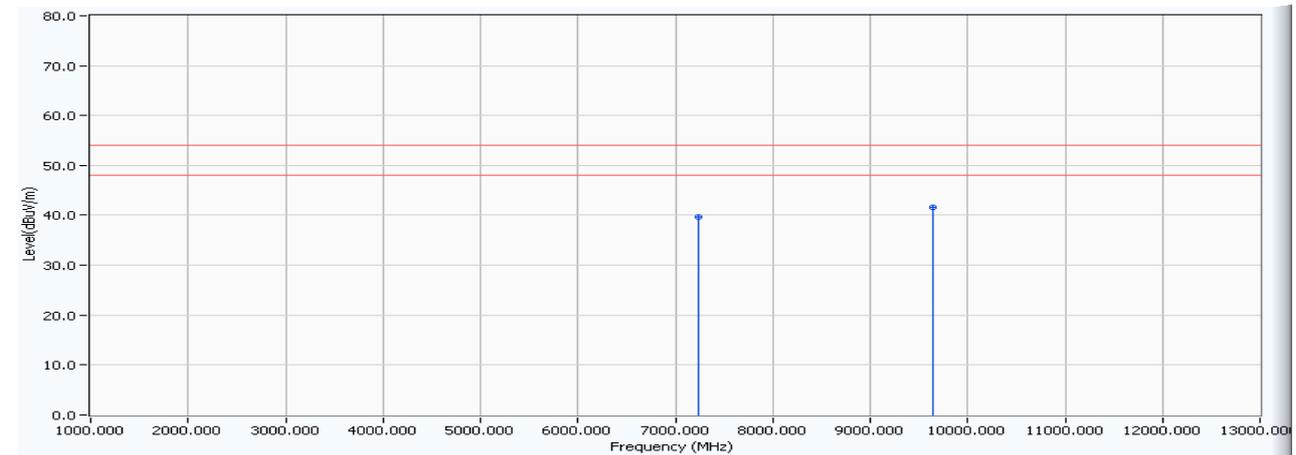


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4825.390	3.981	43.810	47.791	-26.209	74.000	54.000	PEAK
2	7244.480	11.466	42.690	54.156	-19.844	74.000	54.000	PEAK
3	* 9647.920	16.092	39.220	55.312	-18.688	74.000	54.000	PEAK
4	12059.540	17.523	34.580	52.102	-21.898	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.

Engineer : Halu Chung	Time : 2008/03/31 - 14:47
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH1	

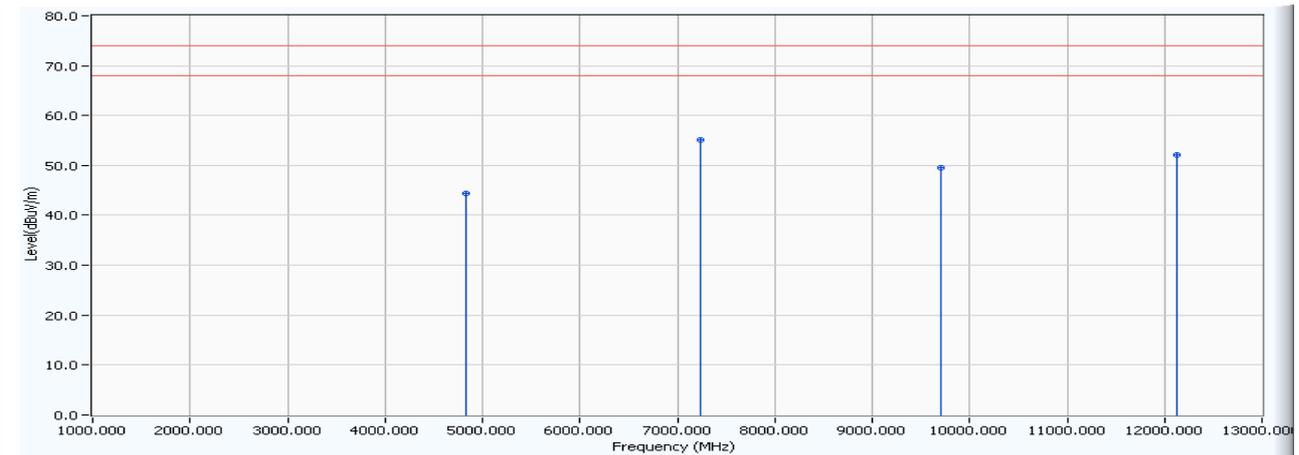


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		7233.720	11.435	28.170	39.604	-14.396	74.000	54.000	AVERAGE
2	*	9647.640	16.091	25.420	41.511	-12.489	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:05
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH1	

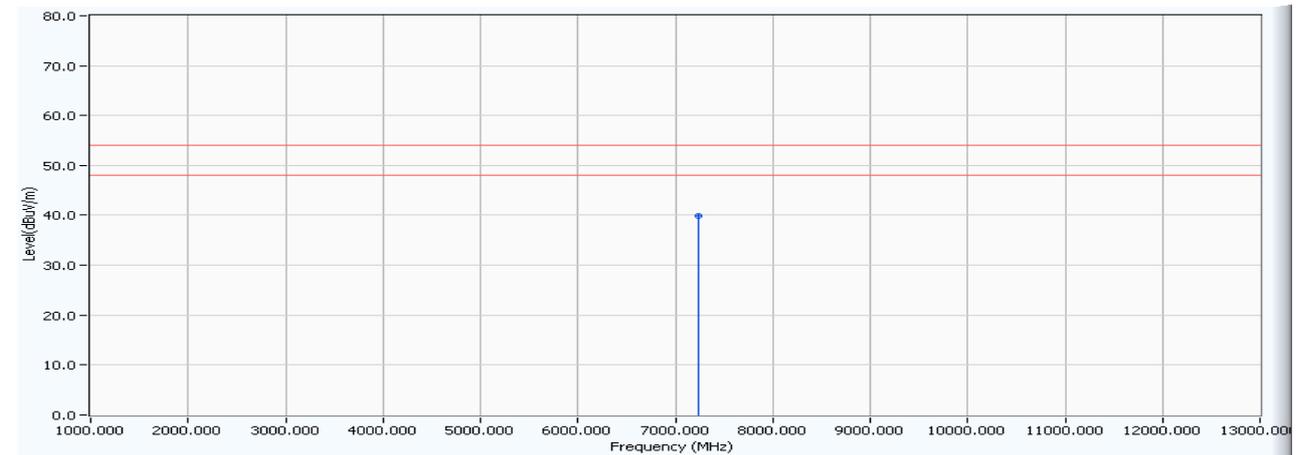


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.570	3.978	40.360	44.338	-29.662	74.000	54.000	PEAK
2	* 7236.560	11.917	43.140	55.057	-18.943	74.000	54.000	PEAK
3	9712.470	14.870	34.740	49.610	-24.390	74.000	54.000	PEAK
4	12124.450	17.478	34.630	52.108	-21.892	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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:06
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH1	

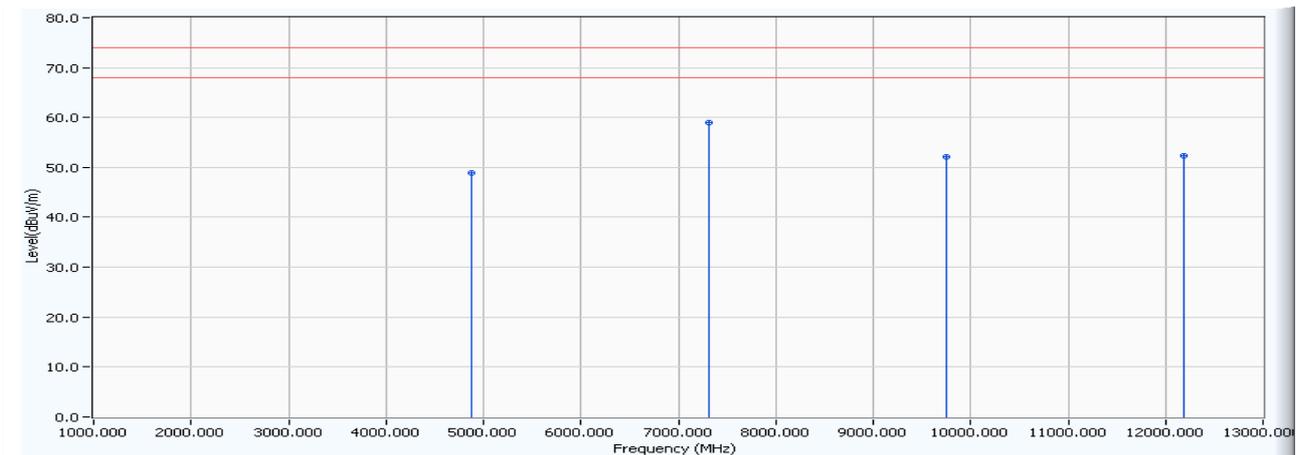


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7233.700	11.902	28.010	39.912	-14.088	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:34
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH6	

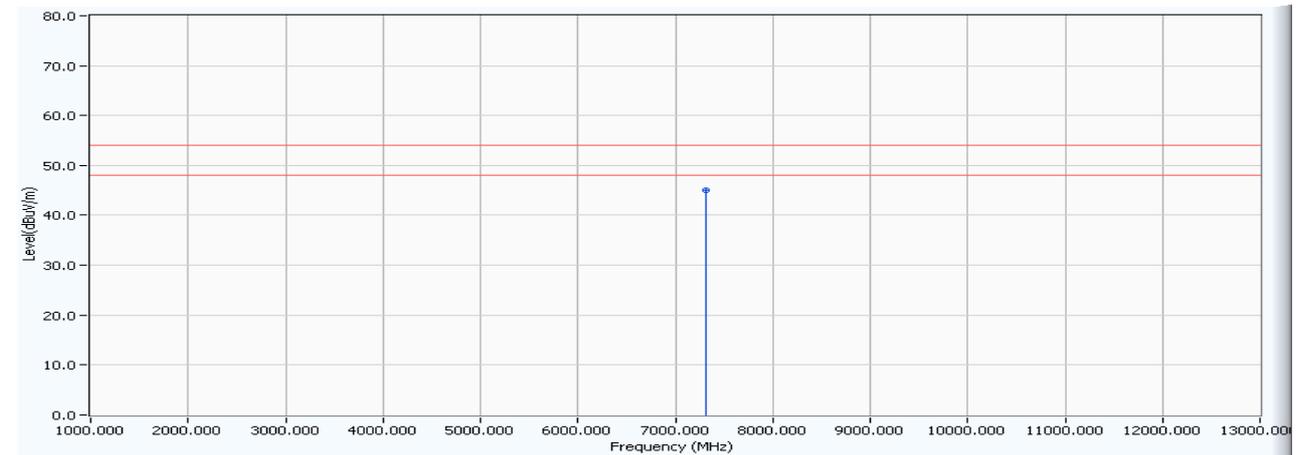


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4876.380	4.151	44.700	48.851	-25.149	74.000	54.000	PEAK
2	* 7311.480	11.641	47.370	59.011	-14.989	74.000	54.000	PEAK
3	9745.420	16.412	35.770	52.182	-21.818	74.000	54.000	PEAK
4	12185.730	17.890	34.530	52.419	-21.581	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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:36
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH6	

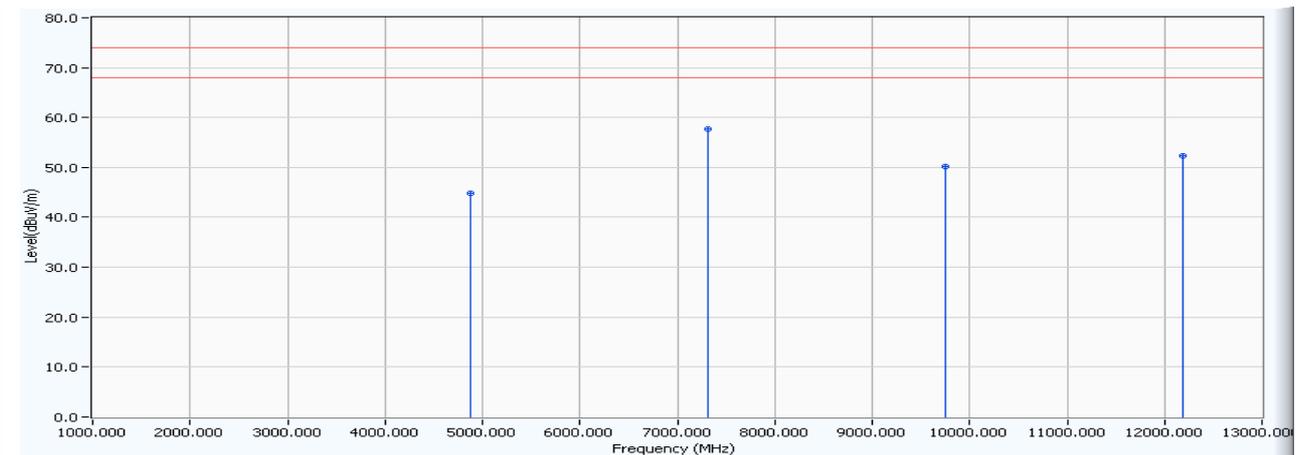


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7313.140	11.644	33.310	44.954	-9.046	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:47
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH6	

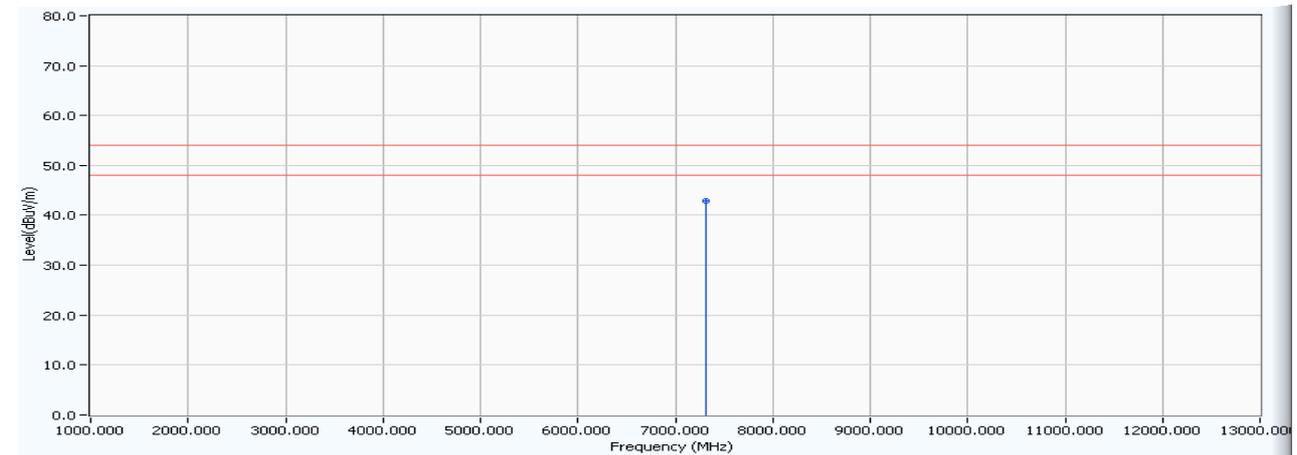


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4872.730	4.138	40.760	44.898	-29.102	74.000	54.000	PEAK
2	* 7311.410	12.261	45.510	57.771	-16.229	74.000	54.000	PEAK
3	9747.530	14.921	35.350	50.271	-23.729	74.000	54.000	PEAK
4	12184.230	17.518	34.870	52.388	-21.612	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.

Engineer : Halu Chung	Time : 2008/03/31 - 15:48
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH6	

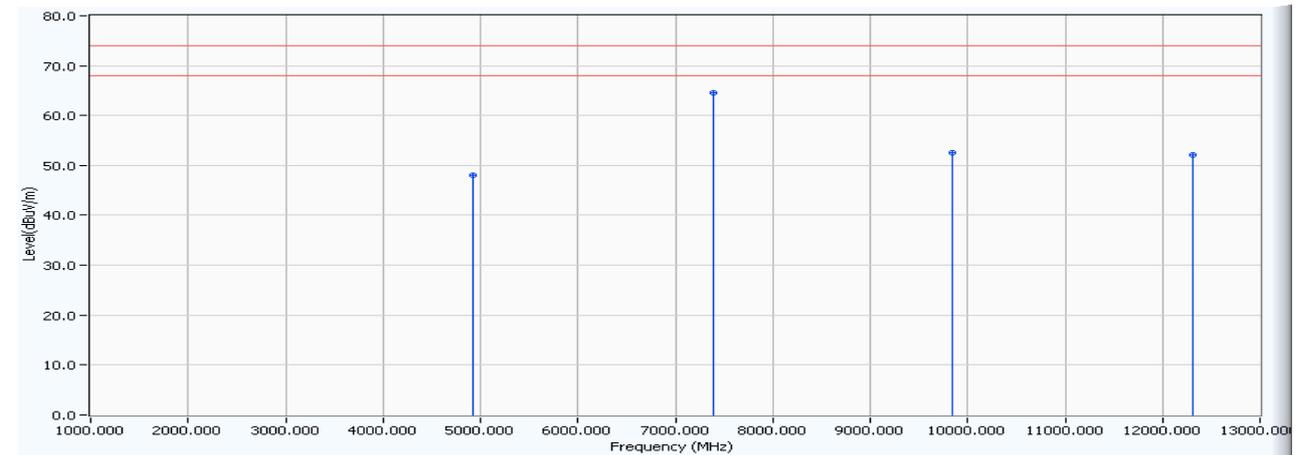


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7313.280	12.270	30.580	42.850	-11.150	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 16:01
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH11	

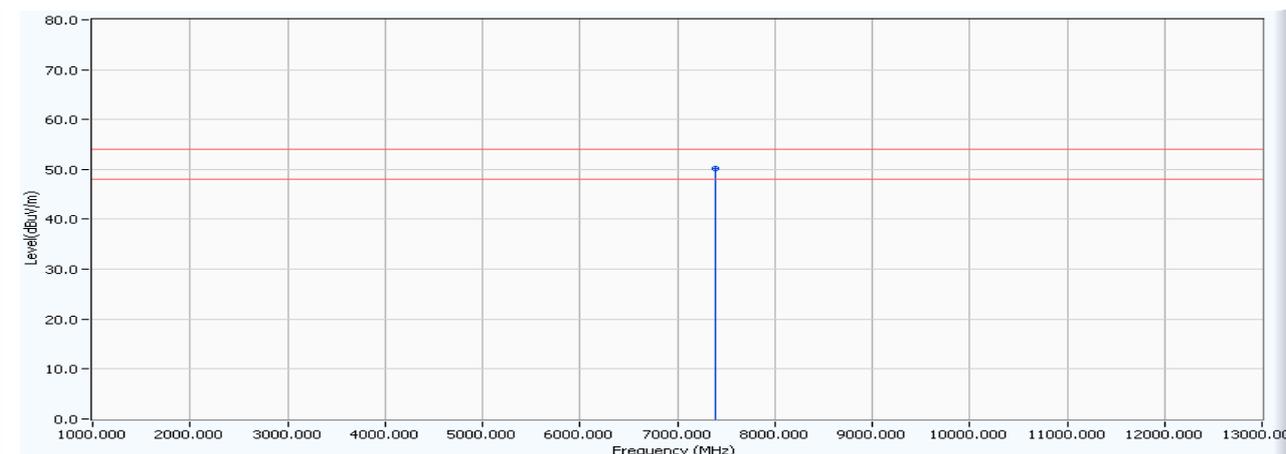


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4926.550	4.318	43.670	47.988	-26.012	74.000	54.000	PEAK
2	* 7392.350	11.871	52.680	64.551	-9.449	74.000	54.000	PEAK
3	9850.390	16.737	35.800	52.537	-21.463	74.000	54.000	PEAK
4	12310.080	18.255	33.930	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.

Engineer : Halu Chung	Time : 2008/03/31 - 16:02
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH11	

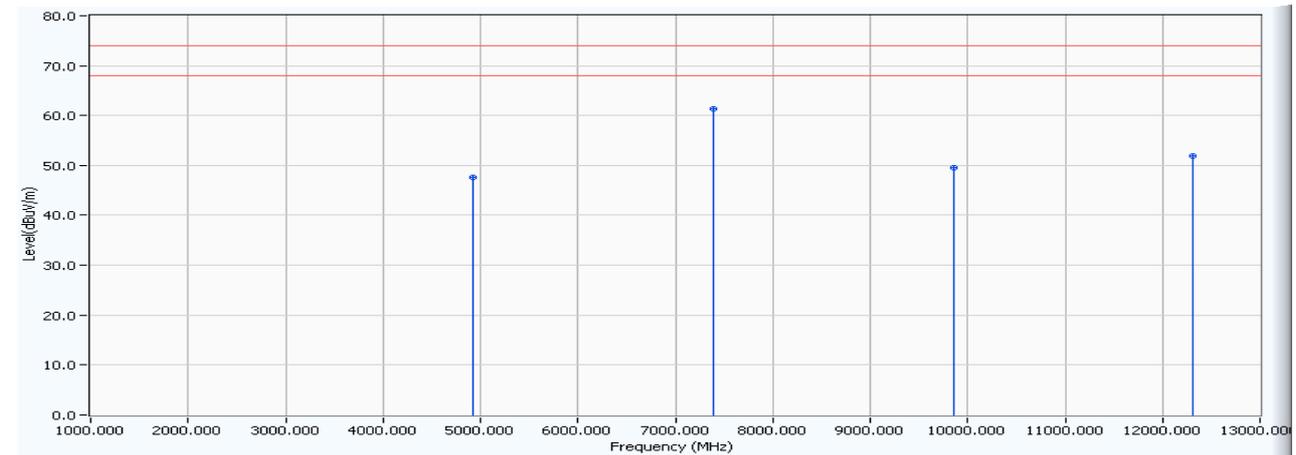


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7385.360	11.854	38.240	50.094	-3.906	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/03/31 - 16:15
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH11	

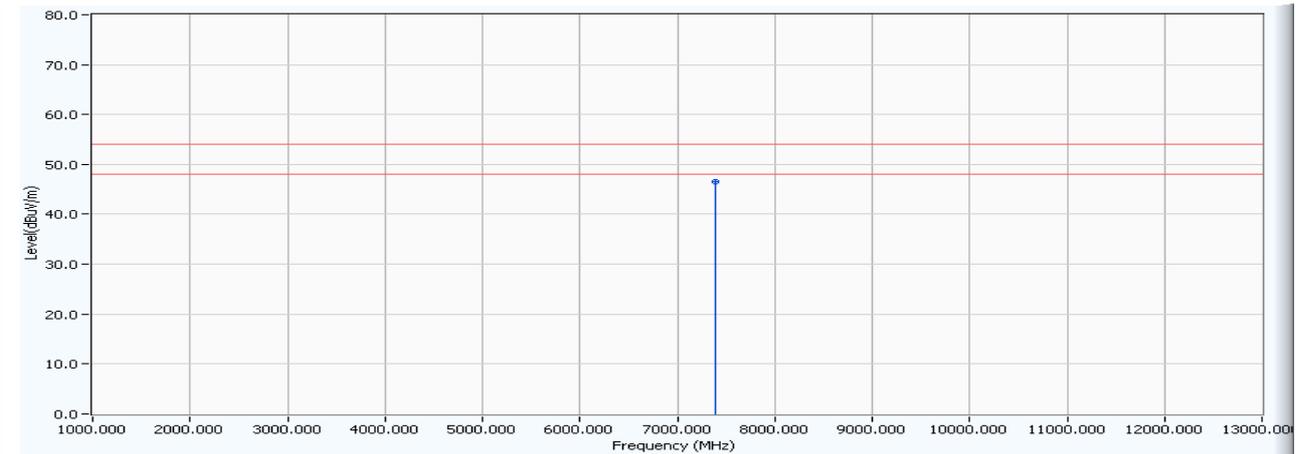


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4925.610	4.315	43.260	47.575	-26.425	74.000	54.000	PEAK
2	* 7388.180	12.634	48.720	61.354	-12.646	74.000	54.000	PEAK
3	9864.670	15.059	34.420	49.479	-24.521	74.000	54.000	PEAK
4	12311.290	17.637	34.300	51.937	-22.063	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.

Engineer : Halu Chung	Time : 2008/03/31 - 16:16
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx-G-CH11	

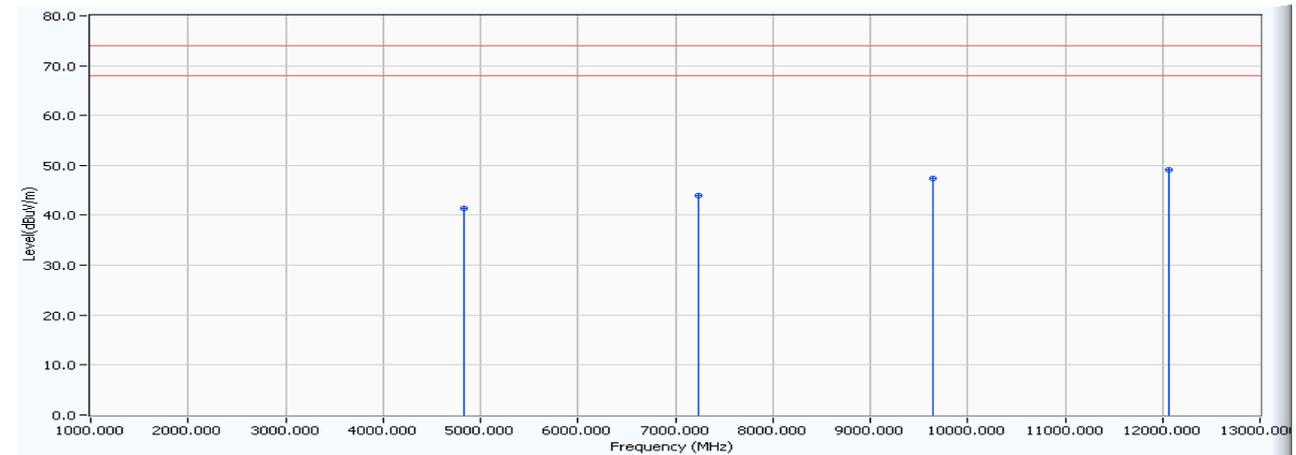


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7385.000	12.621	33.900	46.521	-7.479	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH1

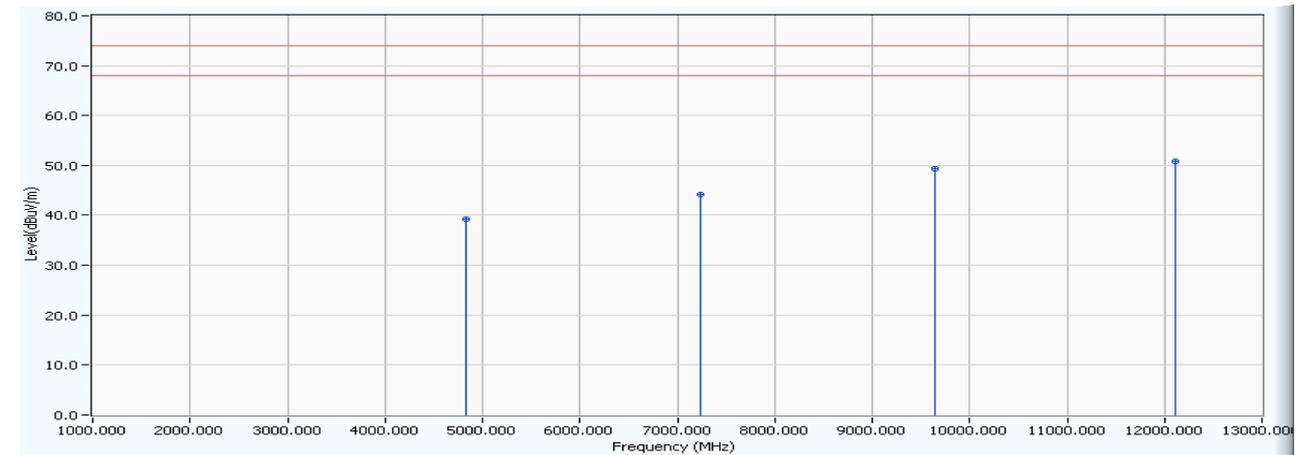


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.420	3.736	37.700	41.436	-32.564	74.000	54.00	PEAK
2	7236.430	8.727	35.270	43.997	-30.003	74.000	54.00	PEAK
3	9648.240	12.707	34.710	47.417	-26.583	74.000	54.00	PEAK
4	* 12060.580	15.106	33.980	49.086	-24.914	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:32
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_1-18G(2007) - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH1

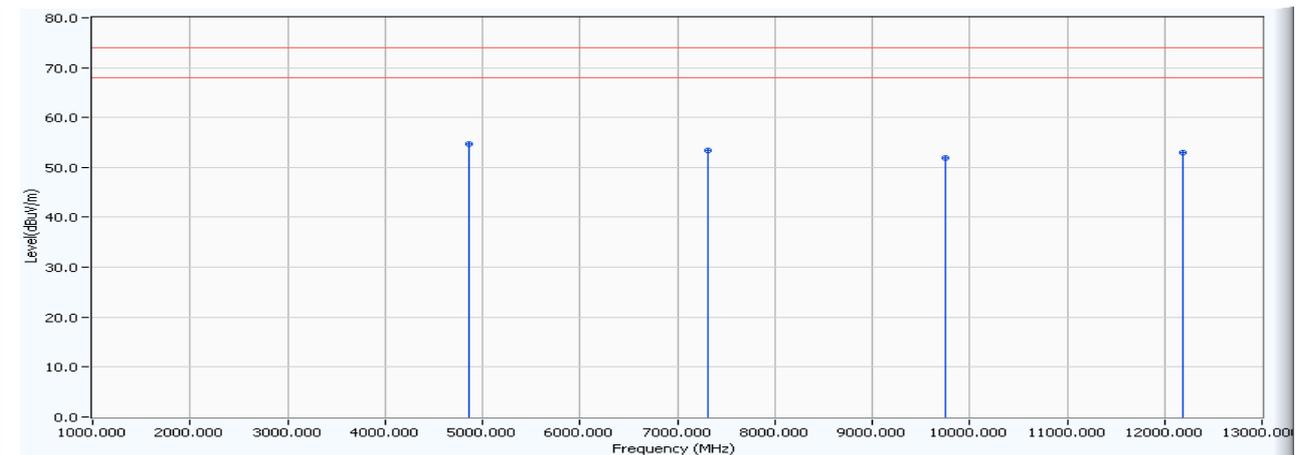


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.890	1.989	37.200	39.189	-34.811	74.000	54.00	PEAK
2	7236.070	8.726	35.550	44.277	-29.723	74.000	54.00	PEAK
3	9648.250	14.707	34.550	49.257	-24.743	74.000	54.00	PEAK
4	* 12109.900	17.890	32.930	50.820	-23.180	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/02 - 11:18
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-20MHz-CH6	

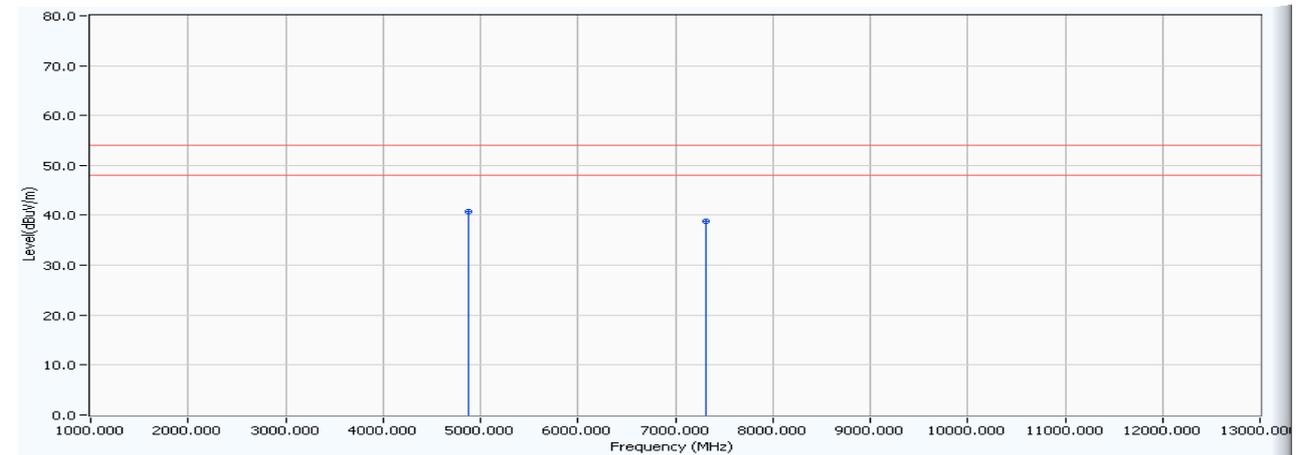


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4868.820	4.125	50.600	54.725	-19.275	74.000	54.00	PEAK
2		7312.060	11.642	41.690	53.332	-20.668	74.000	54.00	PEAK
3		9750.520	16.427	35.470	51.897	-22.103	74.000	54.00	PEAK
4		12183.870	17.883	35.040	52.924	-21.076	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/02 - 11:19
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-20MHz-CH6	

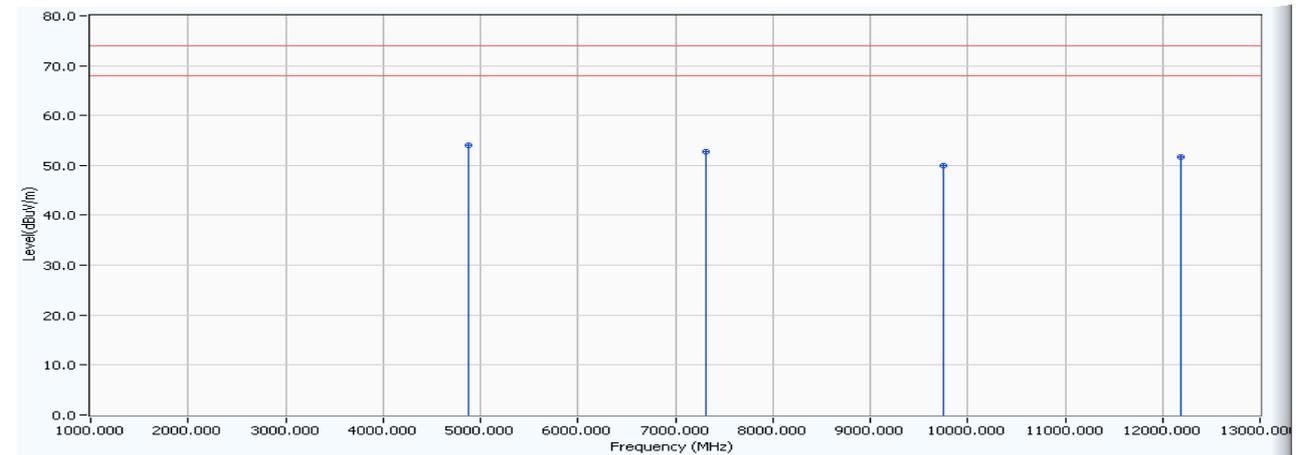


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4875.250	4.148	36.510	40.657	-13.343	74.000	54.00	AVERAGE
2		7310.850	11.639	27.090	38.729	-15.271	74.000	54.00	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/04/02 - 11:50
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-20MHz-CH6	

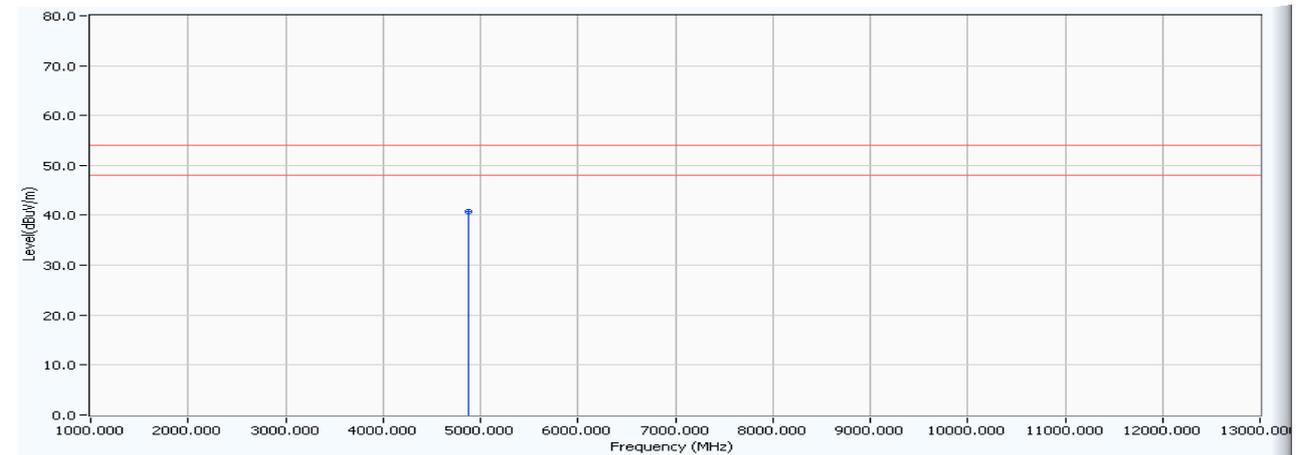


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4871.890	4.136	49.880	54.015	-19.985	74.000	54.000	PEAK
2		7319.270	12.298	40.410	52.708	-21.292	74.000	54.000	PEAK
3		9749.280	14.923	35.020	49.943	-24.057	74.000	54.000	PEAK
4		12185.000	17.519	34.120	51.639	-22.361	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.

Engineer : Halu Chung	Time : 2008/04/02 - 11:59
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB4_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-20MHz-CH6	

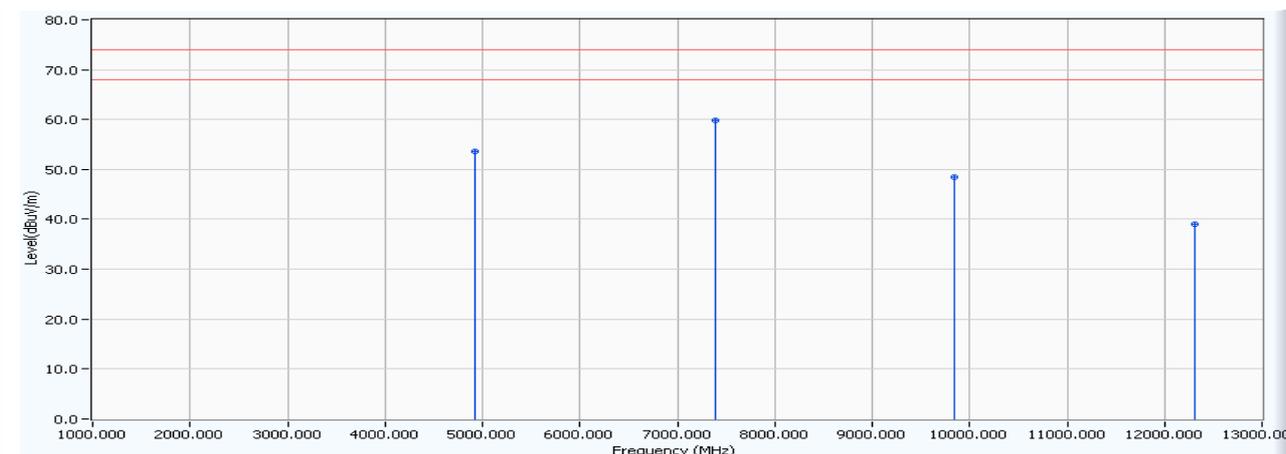


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4874.320	4.144	36.610	40.754	-13.246	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH11

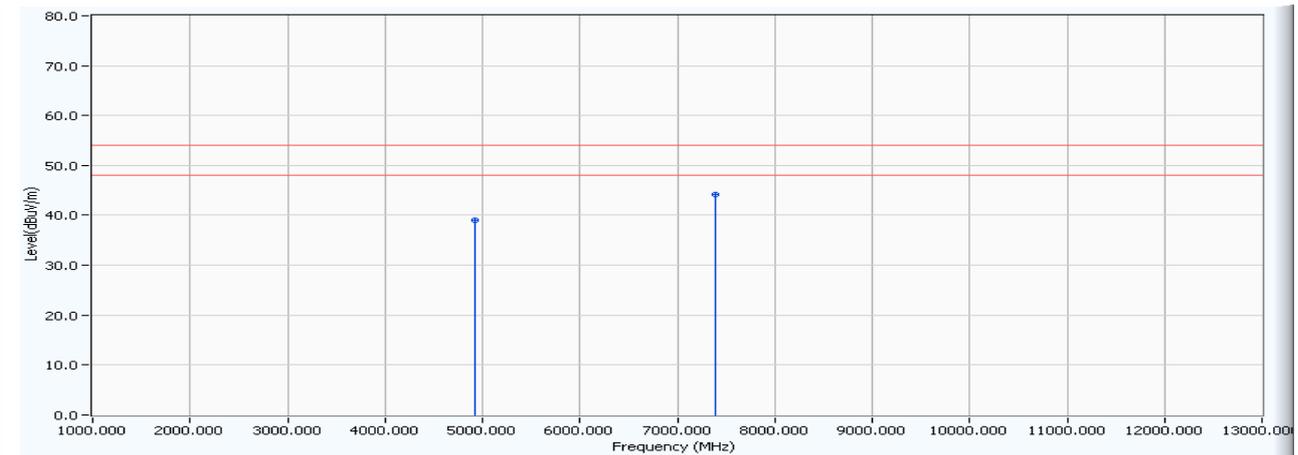


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.041	4.382	49.260	53.641	-20.359	74.000	54.00	PEAK
2	* 7386.970	8.944	50.850	59.794	-14.206	74.000	54.00	PEAK
3	9848.210	13.836	34.730	48.567	-25.433	74.000	54.00	PEAK
4	12310.380	6.494	32.500	38.994	-35.006	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:35
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH11

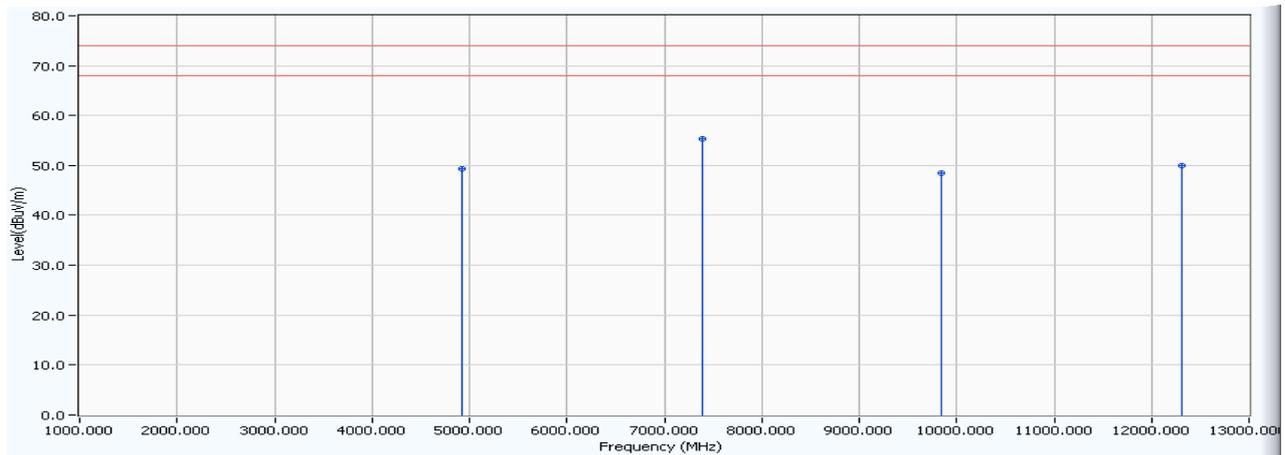


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.900	4.384	34.660	39.044	-14.956	74.000	54.00	AVERAGE
2	* 7386.350	8.944	35.260	44.203	-9.797	74.000	54.00	AVERAGE

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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_1-18G(2007) - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH11

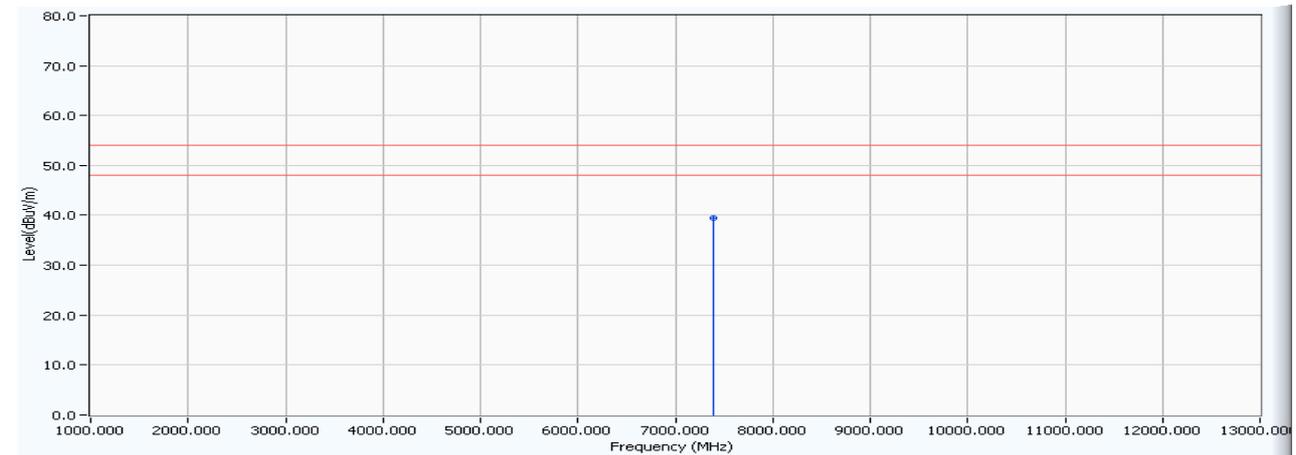


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.630	2.837	46.560	49.397	-24.603	74.000	54.00	PEAK
2	* 7386.870	8.944	46.460	55.404	-18.596	74.000	54.00	PEAK
3	9848.960	15.355	33.150	48.505	-25.495	74.000	54.00	PEAK
4	12310.540	17.893	32.050	49.942	-24.058	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/20 - 17:38
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_1-18G(2007) - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-11N(20MHz)-CH11

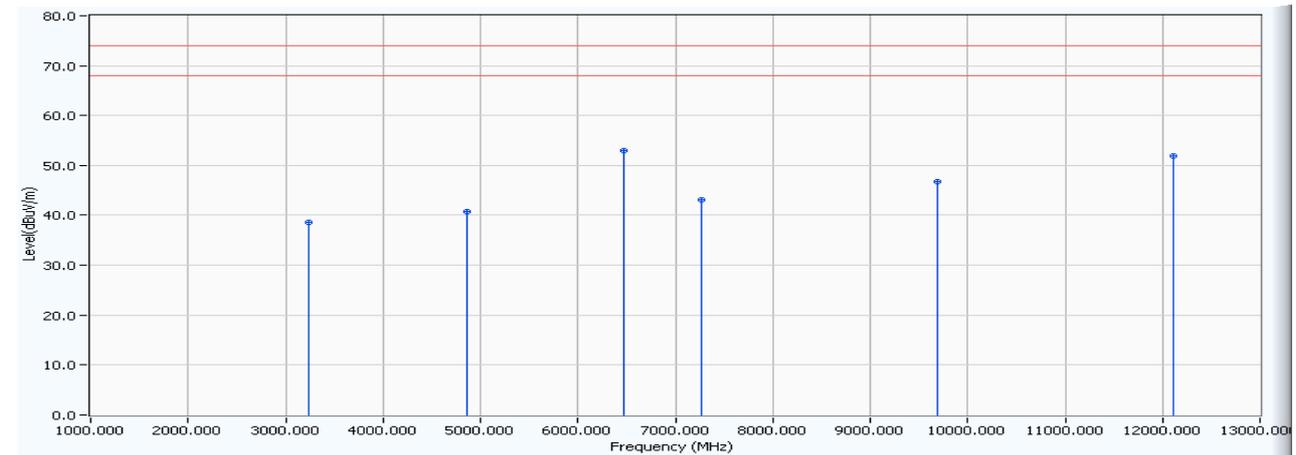


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	7386.170	8.943	30.510	39.453	-14.547	74.000	54.00	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/05/01 - 19:10
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH3	

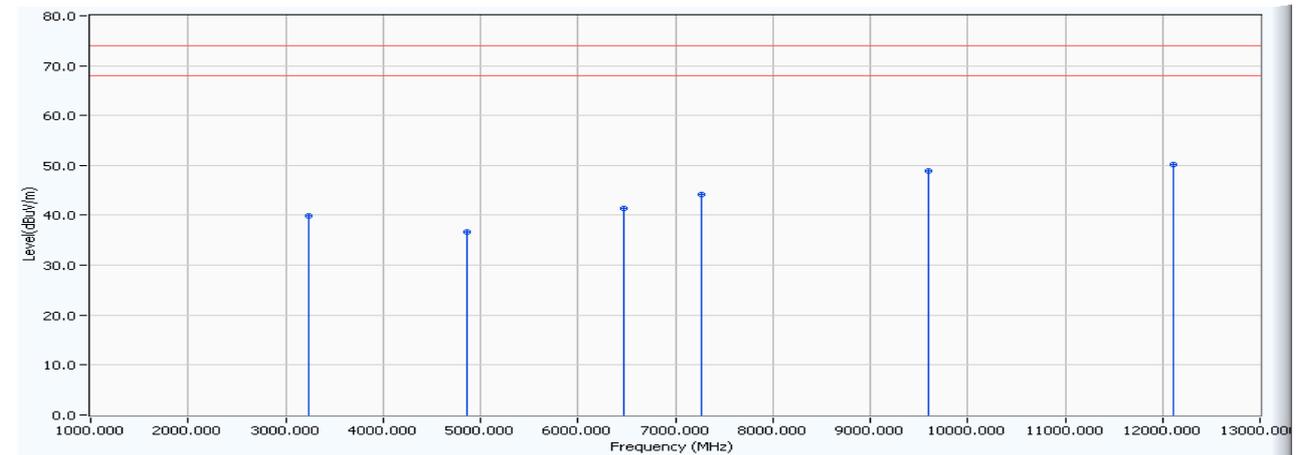


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	3236.320	-0.403	39.090	38.687	-35.313	74.000	54.000	PEAK
2	4869.020	4.054	36.740	40.795	-33.205	74.000	54.000	PEAK
3	* 6472.060	5.751	47.180	52.931	-21.069	74.000	54.000	PEAK
4	7269.790	8.784	34.370	43.154	-30.846	74.000	54.000	PEAK
5	9690.570	12.868	33.790	46.659	-27.341	74.000	54.000	PEAK
6	12111.970	18.339	33.660	51.999	-22.001	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.

Engineer : Halu Chung	Time : 2008/05/01 - 19:17
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH3	

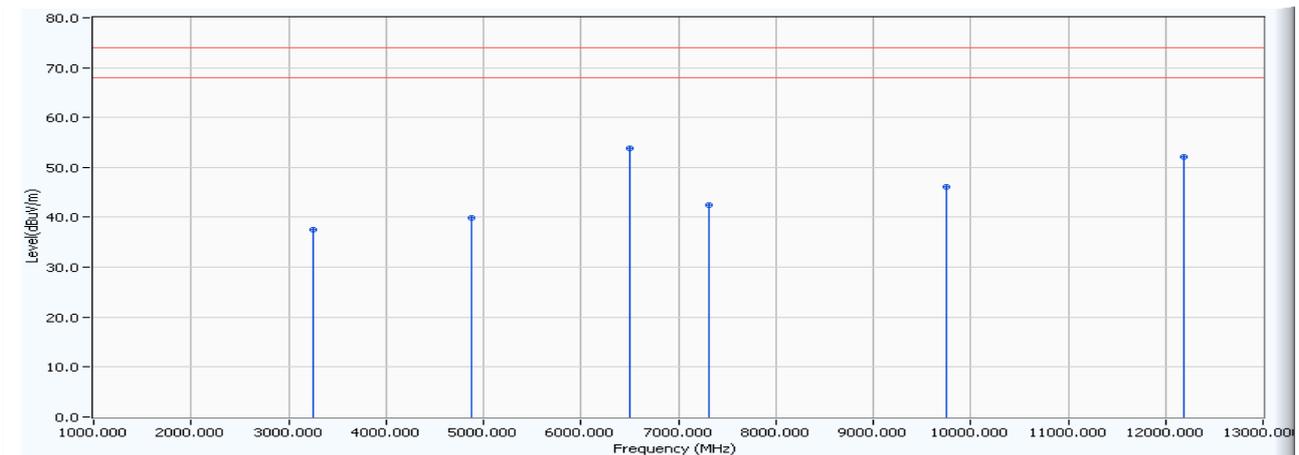


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	3235.870	-0.404	40.250	39.846	-34.154	74.000	54.000	PEAK
2	4869.020	2.392	34.380	36.773	-37.227	74.000	54.000	PEAK
3	6472.320	6.252	35.160	41.412	-32.588	74.000	54.000	PEAK
4	7269.790	8.784	35.350	44.134	-29.866	74.000	54.000	PEAK
5	9590.570	14.577	34.400	48.976	-25.024	74.000	54.000	PEAK
6	* 12111.970	17.915	32.220	50.136	-23.864	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.

Engineer : Halu Chung	Time : 2008/05/01 - 19:51
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH6	

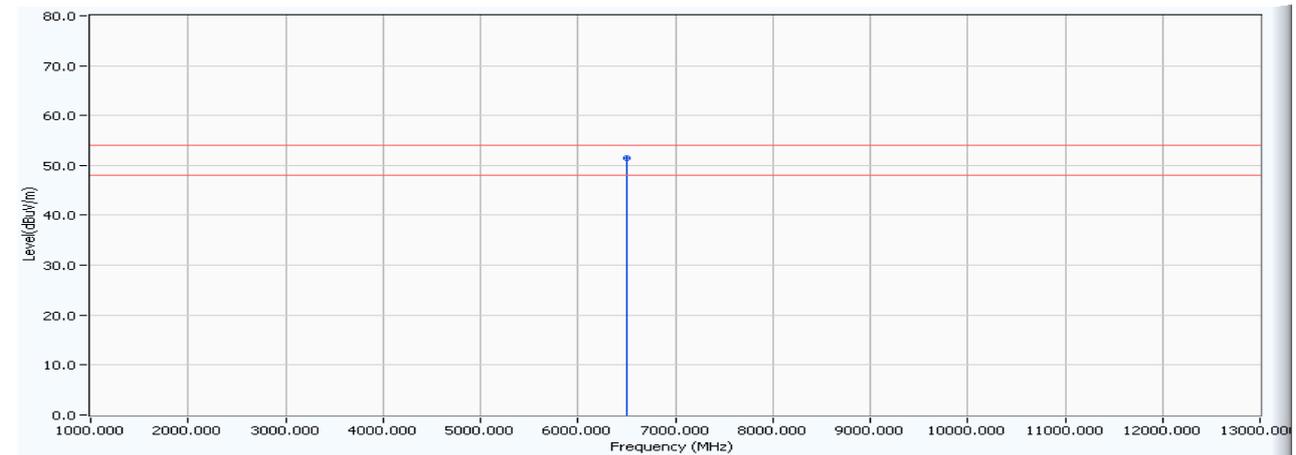


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	3249.320	-0.368	37.810	37.443	-36.557	74.000	54.000	PEAK
2	4874.010	4.087	35.740	39.827	-34.173	74.000	54.000	PEAK
3	* 6498.510	6.365	47.400	53.765	-20.235	74.000	54.000	PEAK
4	7311.080	8.844	33.630	42.475	-31.525	74.000	54.000	PEAK
5	9748.240	13.134	33.080	46.214	-27.786	74.000	54.000	PEAK
6	12185.560	18.998	33.090	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.

Engineer : Halu Chung	Time : 2008/05/01 - 19:57
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_AV	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH6	

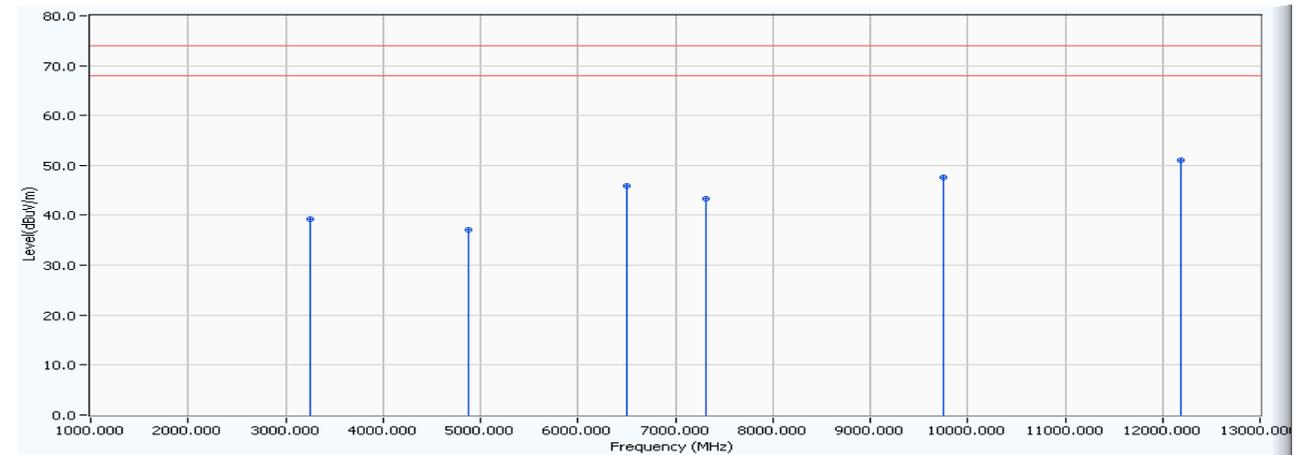


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	6498.700	5.866	45.540	51.406	-2.594	74.000	54.000	AVERAGE

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.

Engineer : Halu Chung	Time : 2008/05/01 - 20:31
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH6	

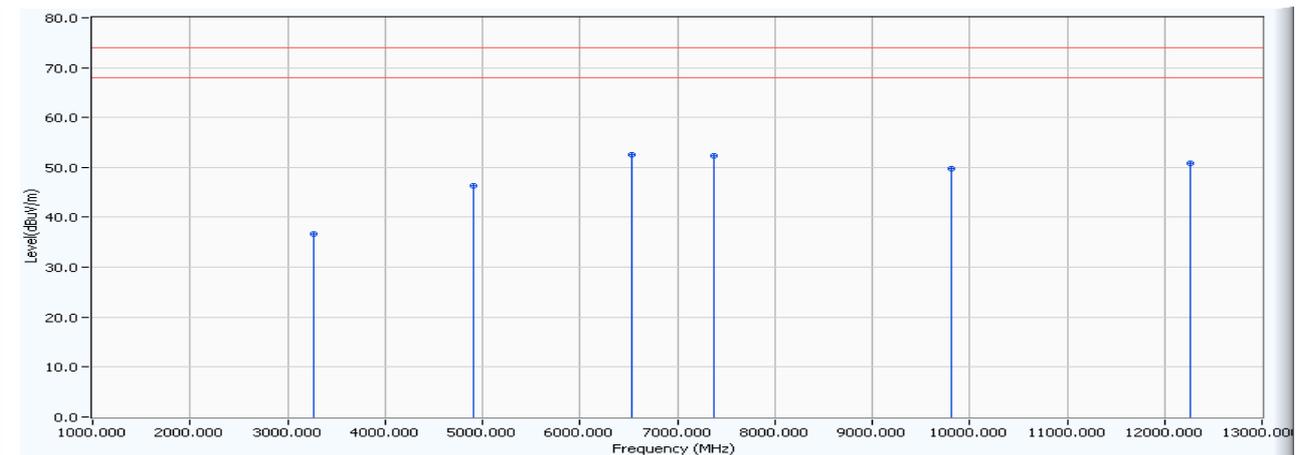


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	3249.220	-0.368	39.580	39.212	-34.788	74.000	54.000	PEAK
2		4874.020	2.434	34.740	37.174	-36.826	74.000	54.000	PEAK
3		6498.820	6.367	39.510	45.877	-28.123	74.000	54.000	PEAK
4		7311.080	8.844	34.520	43.365	-30.635	74.000	54.000	PEAK
5		9748.240	15.134	32.530	47.664	-26.336	74.000	54.000	PEAK
6		12185.560	19.401	31.670	51.071	-22.929	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.

Engineer : Halu Chung	Time : 2008/05/01 - 20:43
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH9	

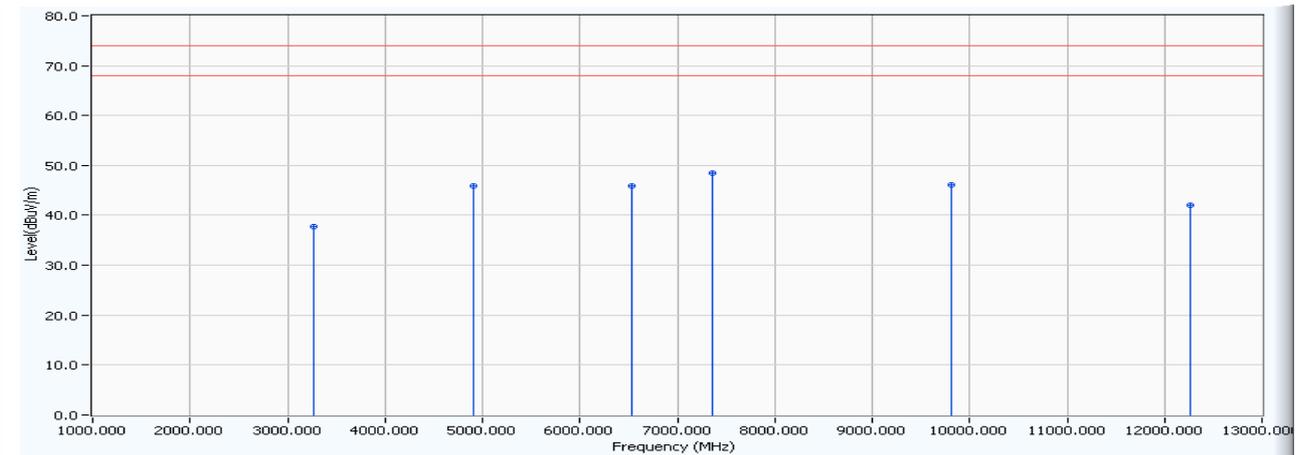


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	3269.060	-0.312	37.020	36.708	-37.292	74.000	54.000	PEAK
2	4907.300	2.734	43.500	46.235	-27.765	74.000	54.000	PEAK
3	* 6538.730	6.063	46.440	52.503	-21.497	74.000	54.000	PEAK
4	7373.430	8.927	43.410	52.337	-21.663	74.000	54.000	PEAK
5	9814.010	15.385	34.340	49.725	-24.275	74.000	54.000	PEAK
6	12261.500	18.717	32.080	50.796	-23.204	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.

Engineer : Halu Chung	Time : 2008/05/01 - 21:10
Site : Site 2	Margin : 6
Limit : FCC_SpartC_15.247_H_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V/60Hz
Note : Tx11N-40MHz-CH9	



	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	3269.300	-0.311	37.960	37.649	-36.351	74.000	54.000	PEAK
2	4909.740	2.757	43.070	45.828	-28.172	74.000	54.000	PEAK
3	6538.540	6.562	39.310	45.872	-28.128	74.000	54.000	PEAK
4	* 7367.120	8.915	39.470	48.386	-25.614	74.000	54.000	PEAK
5	9810.700	13.515	32.650	46.166	-27.834	74.000	54.000	PEAK
6	12261.690	10.109	31.980	42.089	-31.911	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.

5. RF antenna conducted test

5.1. Test Equipment

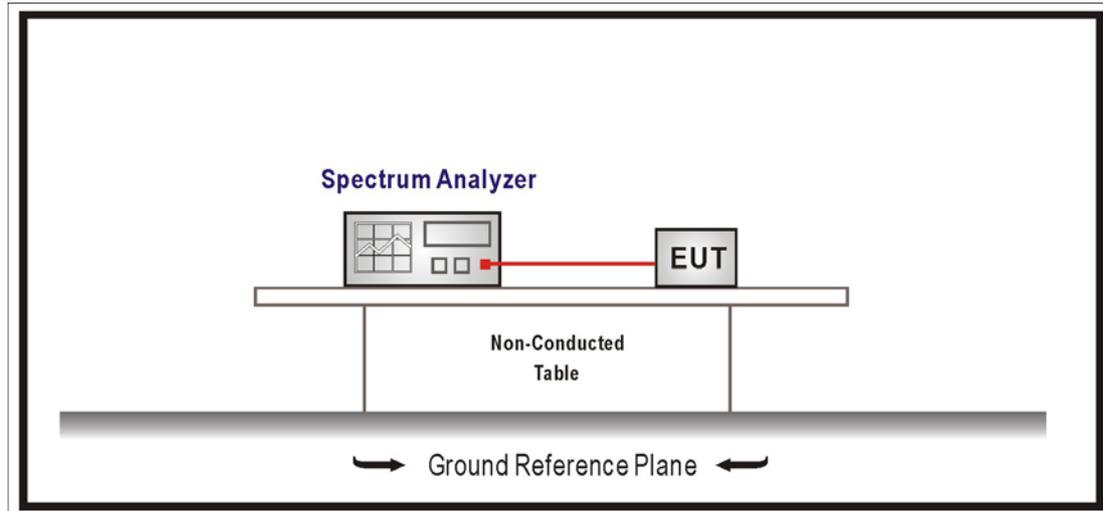
The following test equipments are used during the test:

RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2008
2	No.1 OATS			Sep., 2007

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.5. Uncertainty

The measurement uncertainty

Conducted is defined as $\pm 1.27\text{dB}$

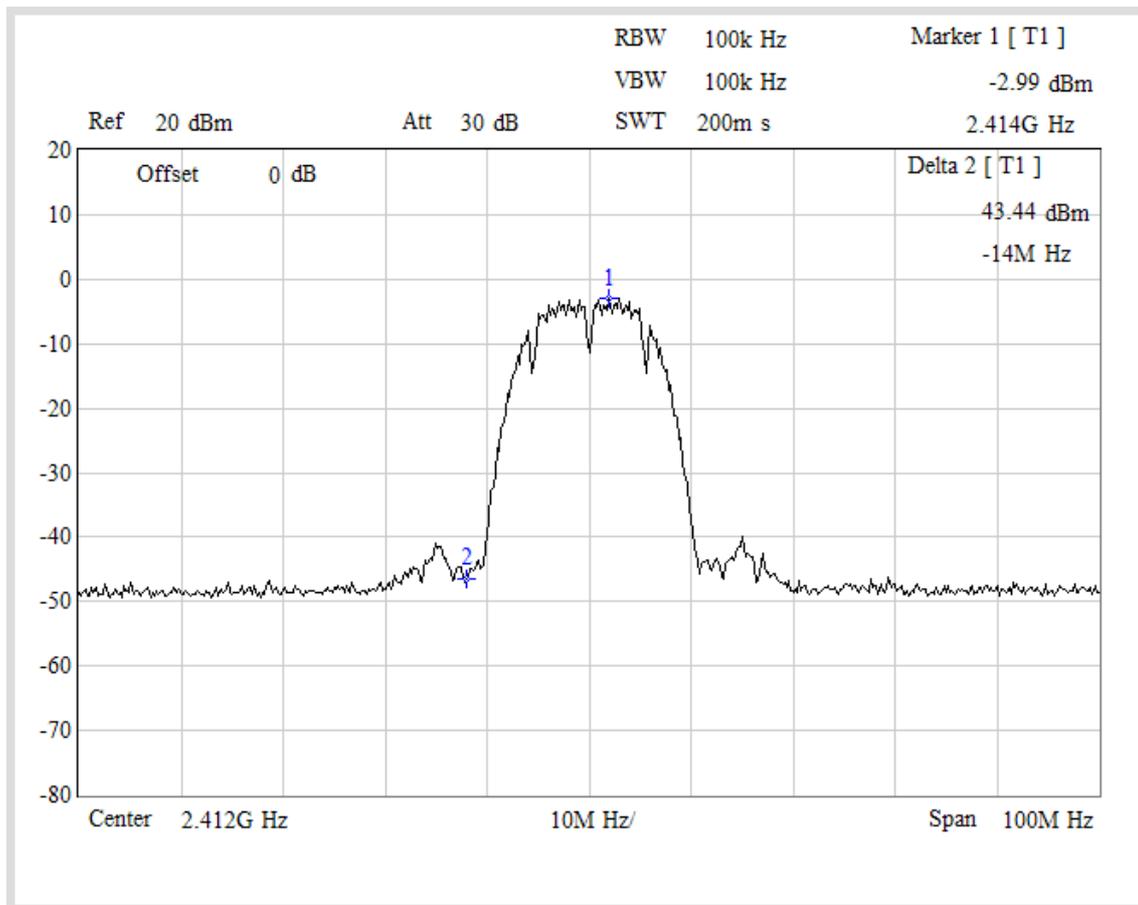
Radiated is defined as $\pm 3.9\text{dB}$

5.6. Test Result

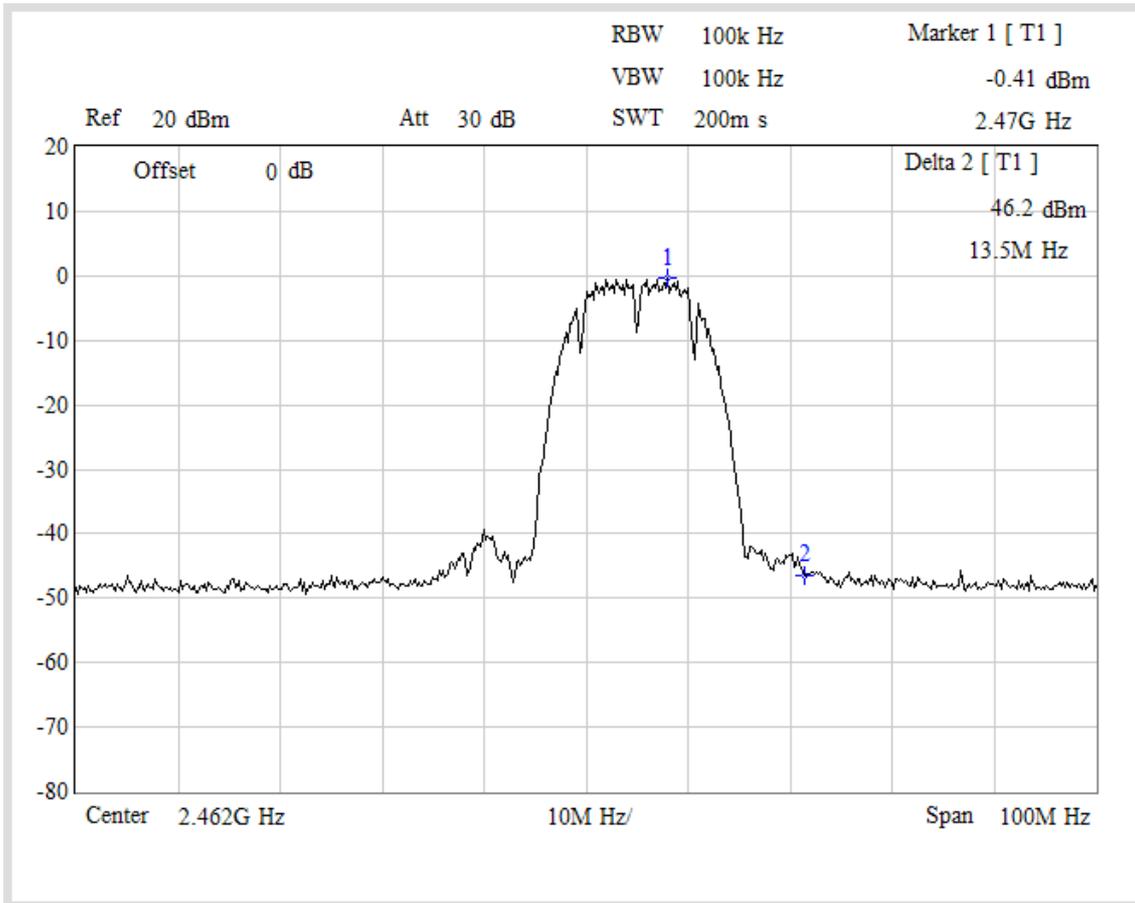
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

IEEE 802.11b, Antenna Gain: 4.7dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	43.44	> 30	Pass
11	2462	46.20	> 30	Pass

Channel 01 (2412MHz)



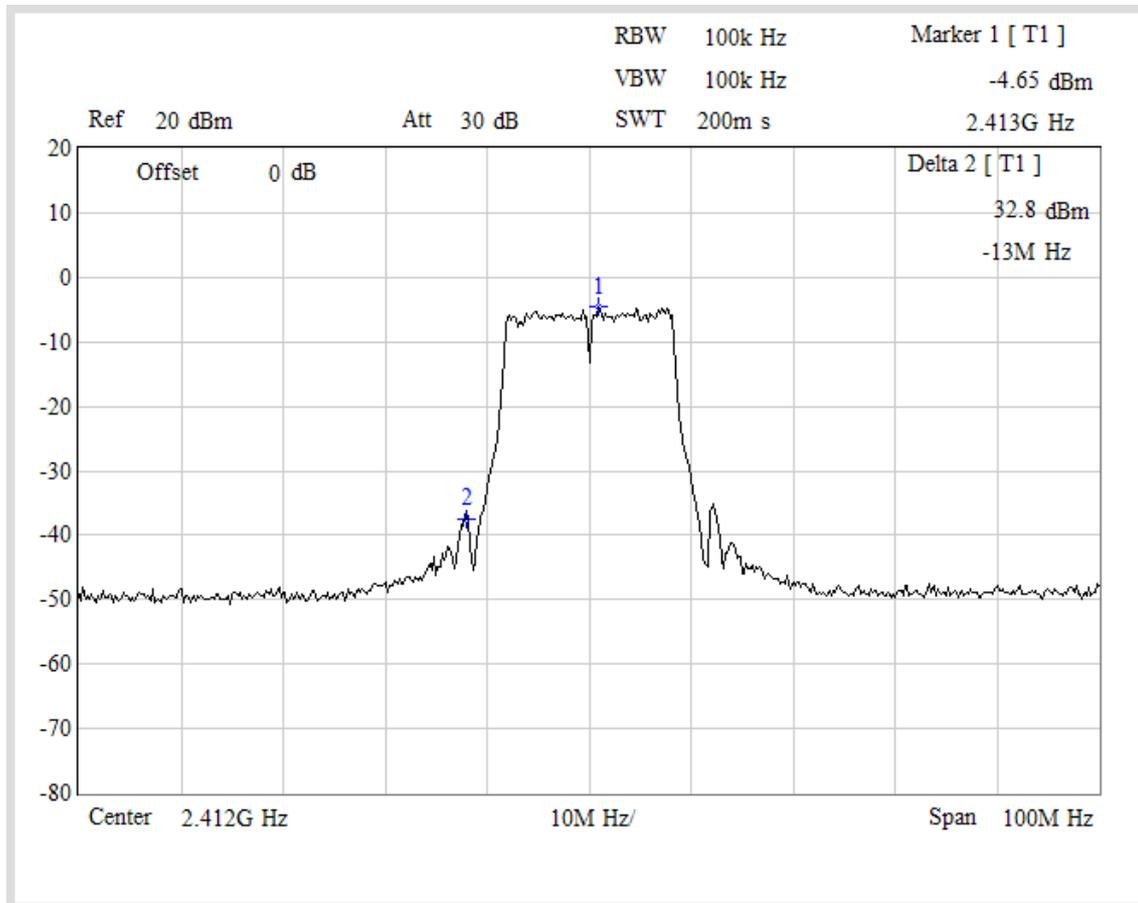
Channel 11 (2462MHz)



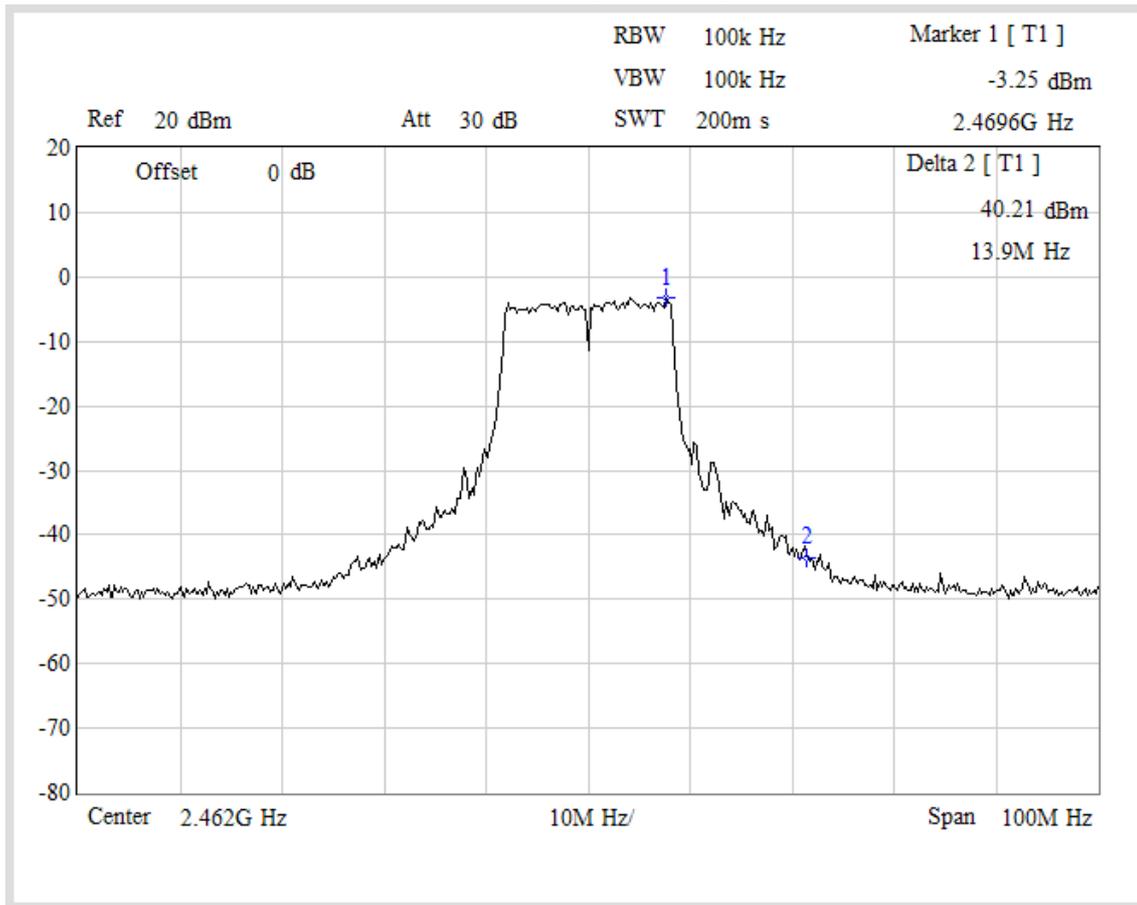
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

IEEE 802.11g, Antenna Gain: 4.7dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	32.80	> 30	Pass
11	2462	40.21	> 30	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

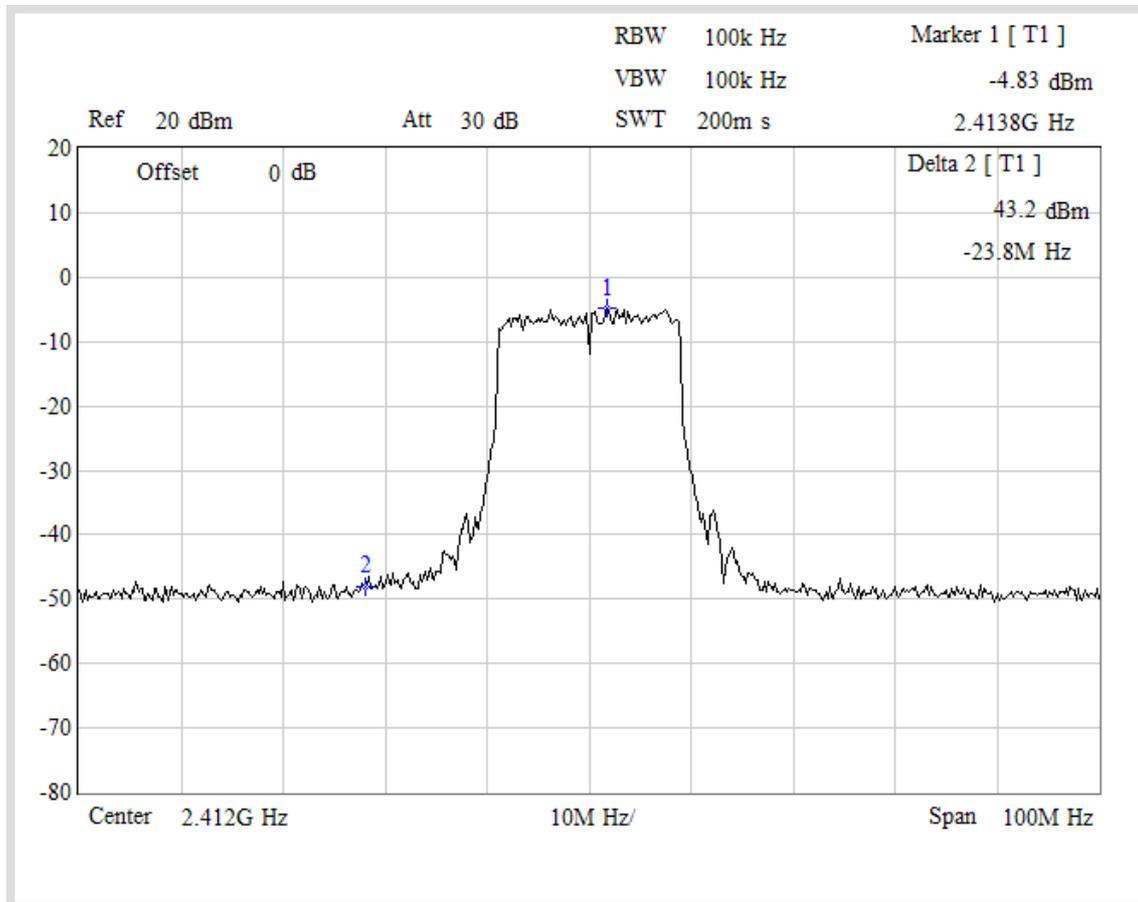


Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

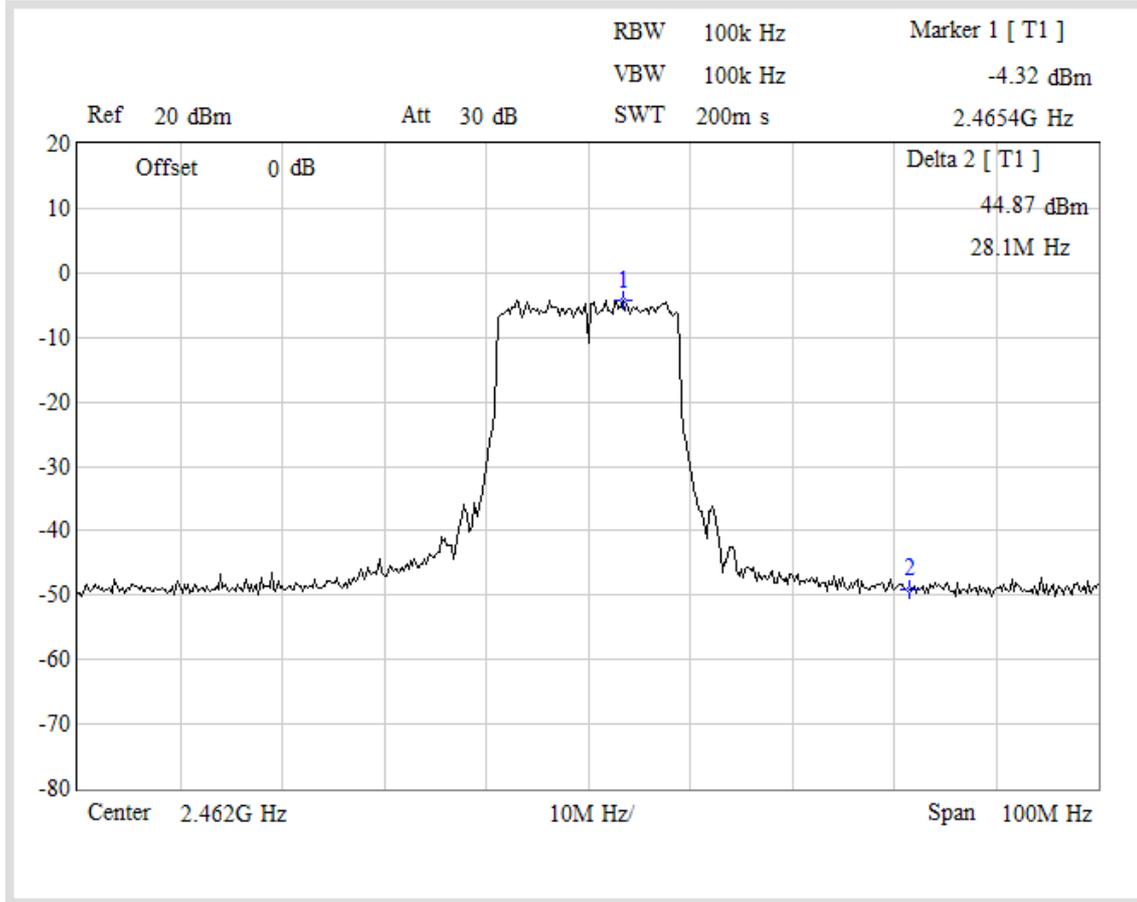
IEEE 802.11n (ANT A (20MHz)), Antenna Gain: 4.7dBi, Duty Cycle: 1

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	43.20	> 30	Pass
11	2462	44.87	> 30	Pass

Channel 1 (2412MHz)



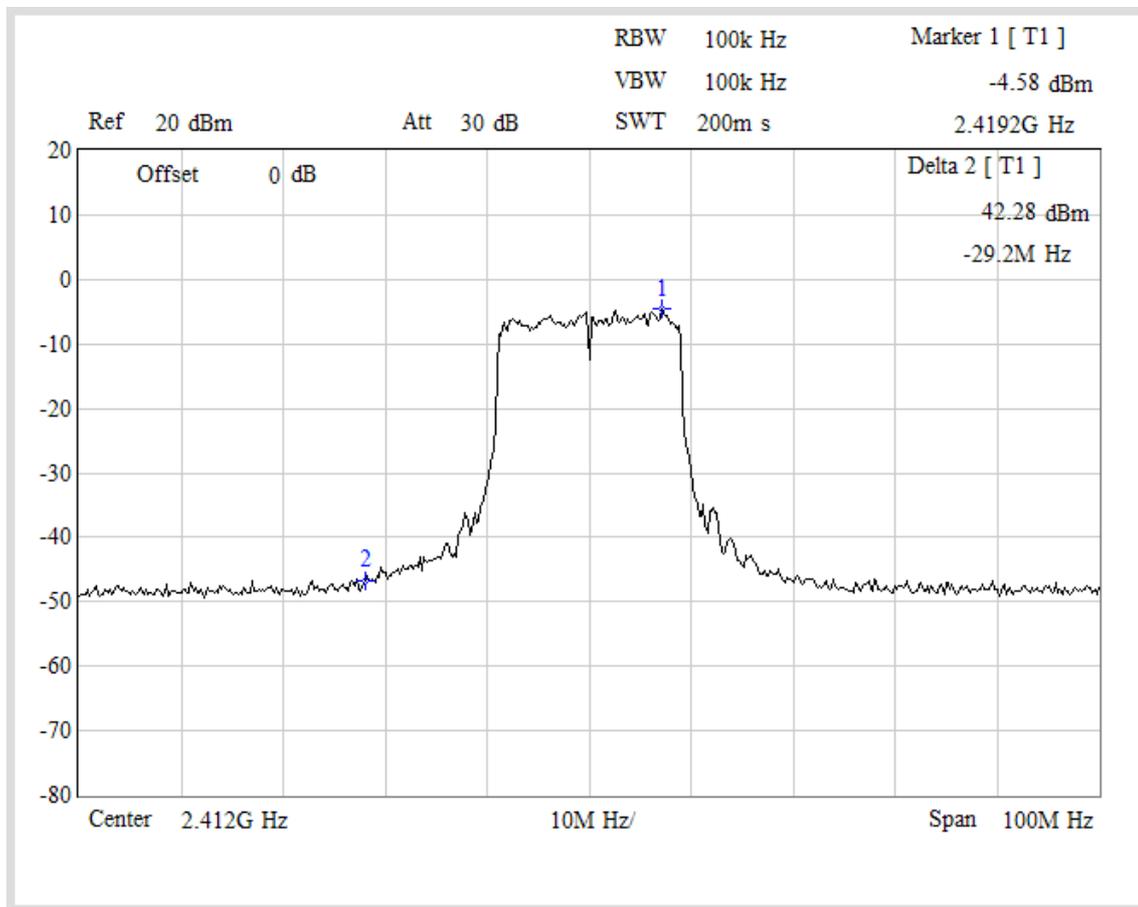
Channel 11 (2462MHz)



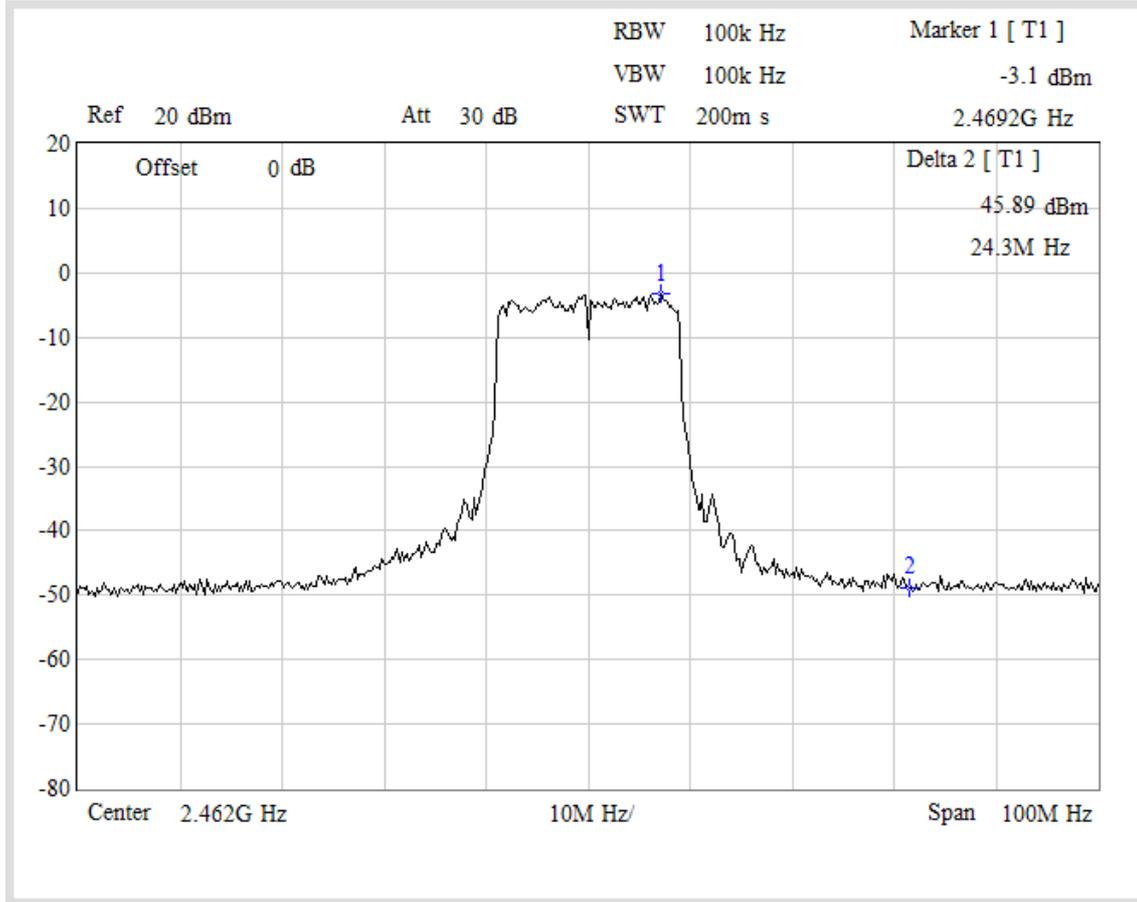
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

IEEE 802.11n (ANT B (20MHz)), Antenna Gain: 4.3dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	42.28	> 30	Pass
11	2462	45.89	> 30	Pass

Channel 1 (2412MHz)



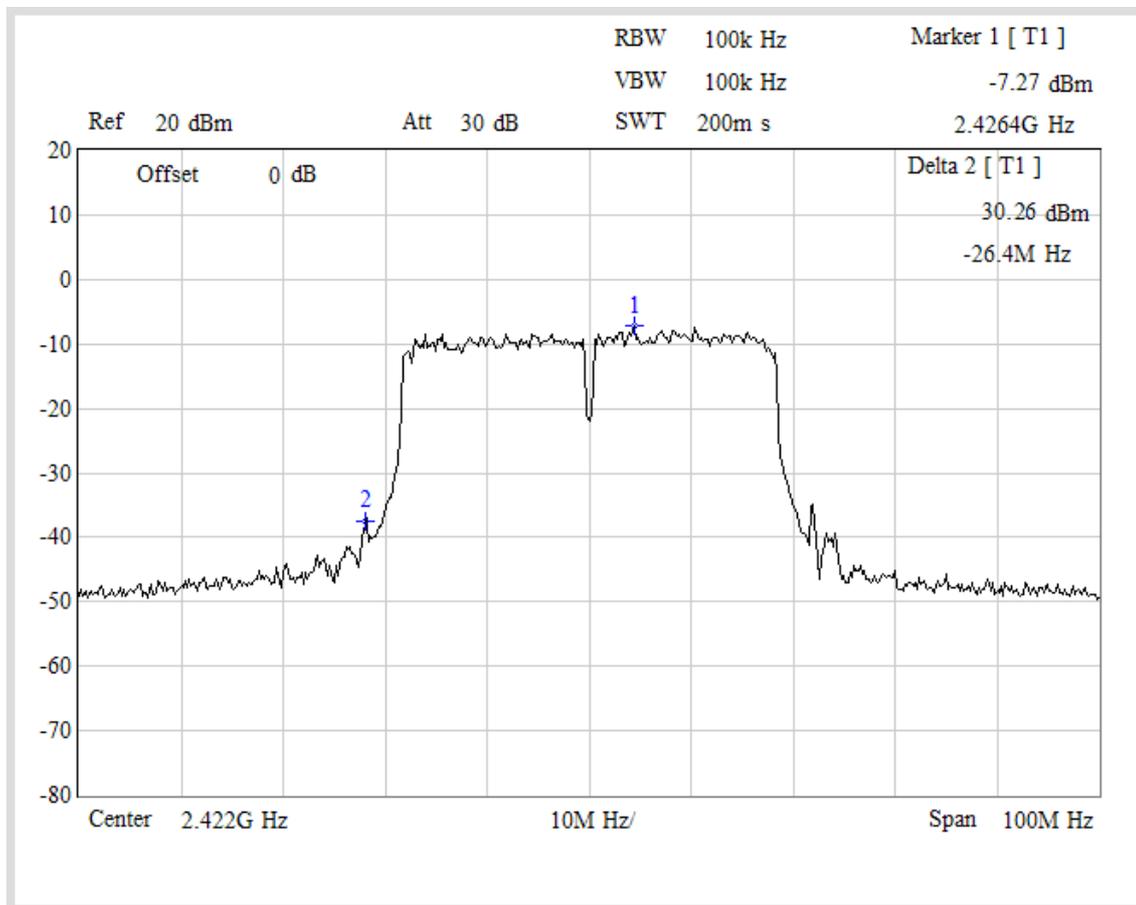
Channel 11 (2462MHz)



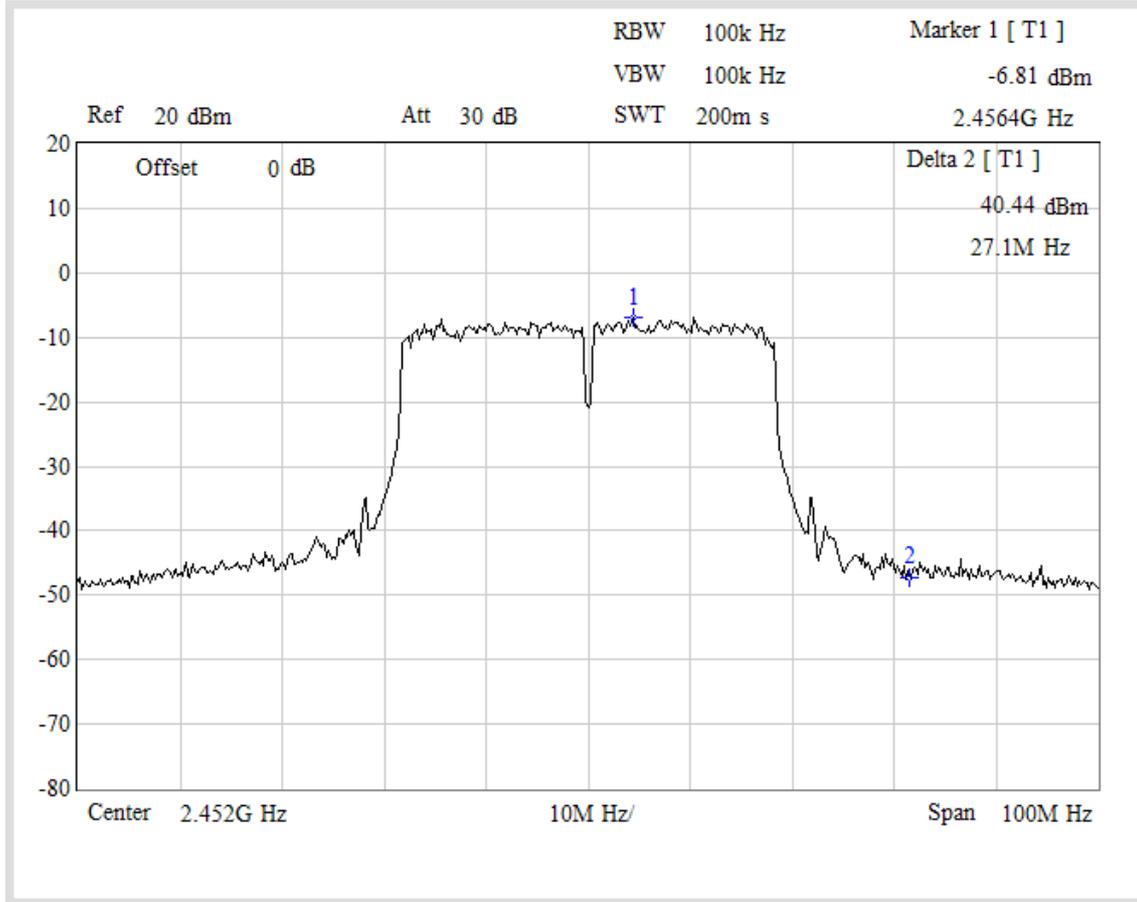
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

IEEE 802.11n (ANT A (40MHz)), Antenna Gain: 4.7dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	30.26	> 30	Pass
9	2452	40.44	> 30	Pass

Channel 3 (2422MHz)



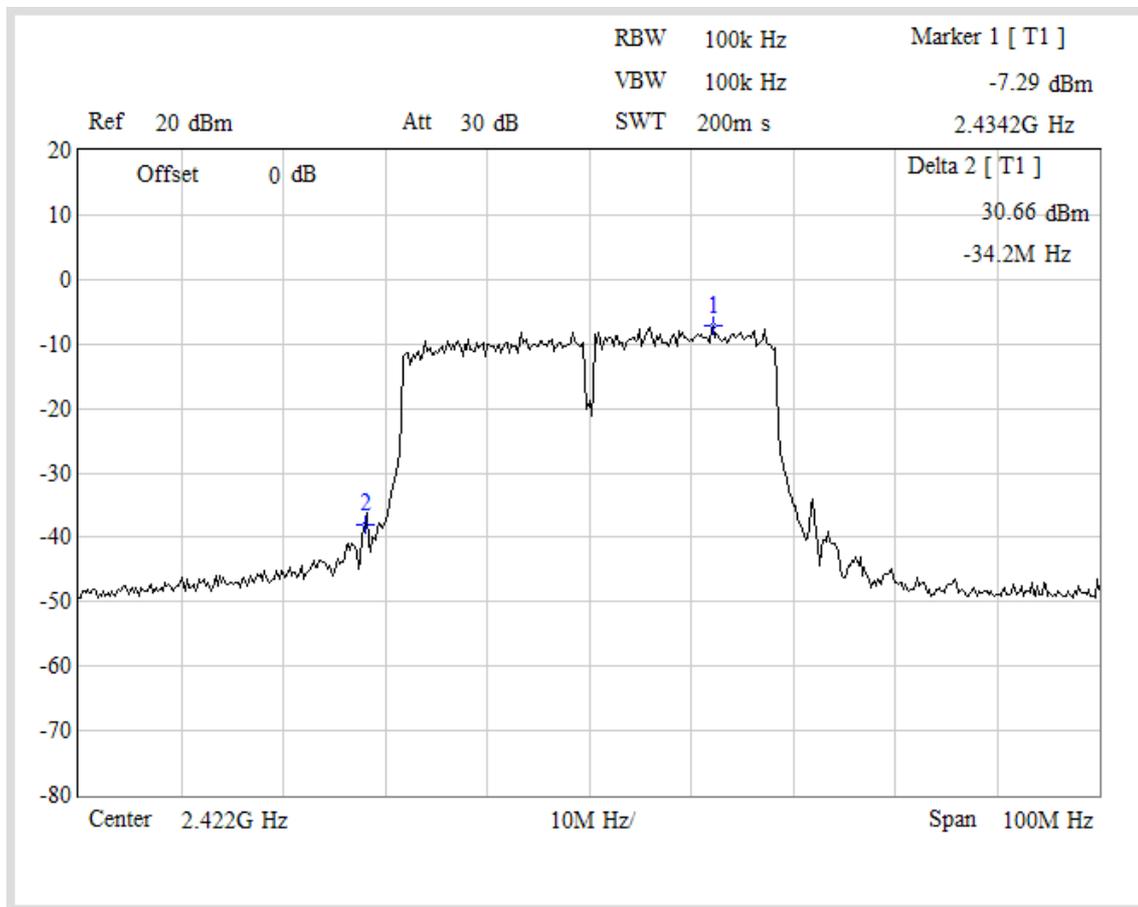
Channel 9 (2452MHz)



Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2008/04/21	Test Site	No.1 OATS

IEEE 802.11n (ANT B (40MHz)), Antenna Gain: 4.3dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	30.66	> 30	Pass
9	2452	39.85	> 30	Pass

Channel 3 (2422MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

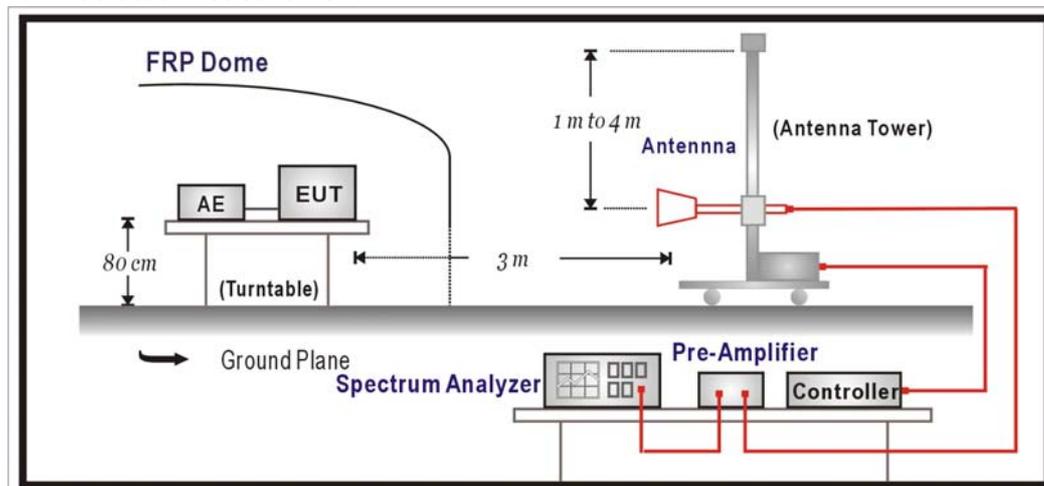
The following test equipments are used during the test:

RF Radiated Measurement:					
Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2007
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2008
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2007
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2007
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2007
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2007
7		No.1 OATS			Sep., 2007

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

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

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

6.4. Test Procedure

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

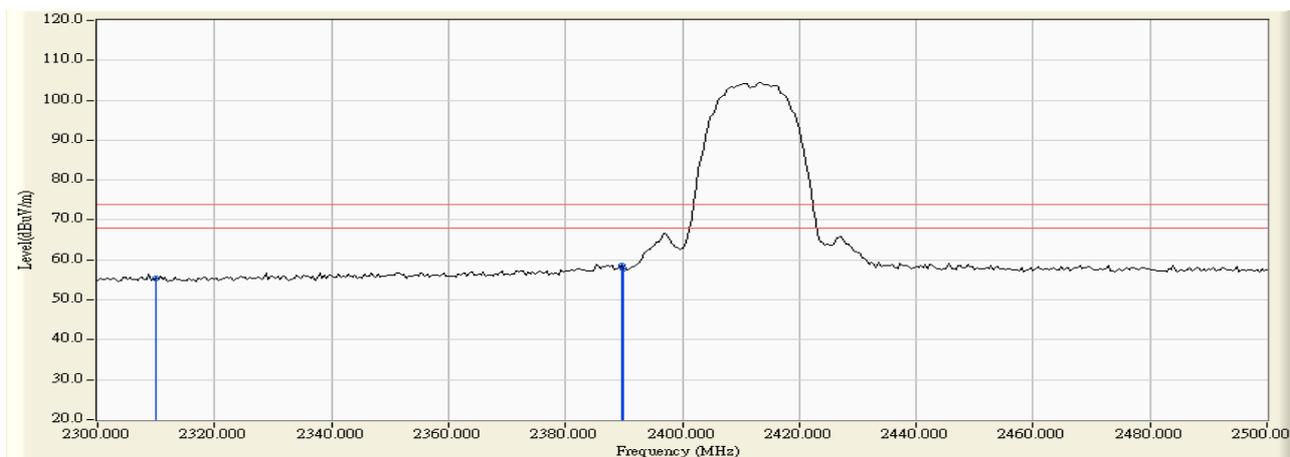
6.5. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.6. Test Result

Radiated is defined as

Engineer : Halu Chung	
Site : Site 2	Time : 2008/04/23 - 19:31
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B-CH1

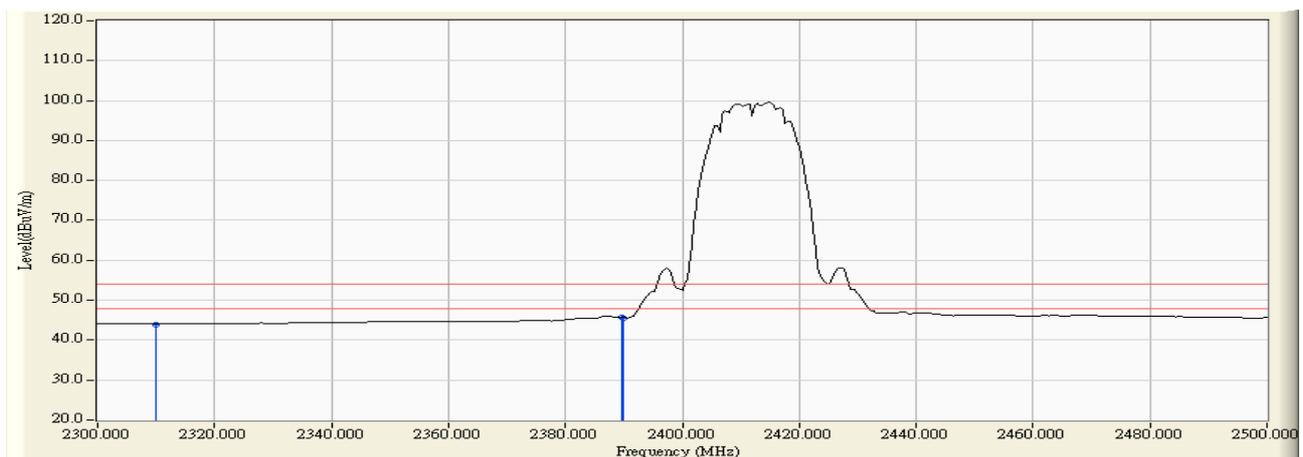


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	24.319	55.433	-18.567	74.000	54.00	PEAK
2	* 2389.600	31.394	27.254	58.648	-15.352	74.000	54.00	PEAK
3	2390.000	31.396	26.516	57.912	-16.088	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/04/23 - 19:45
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B-CH1

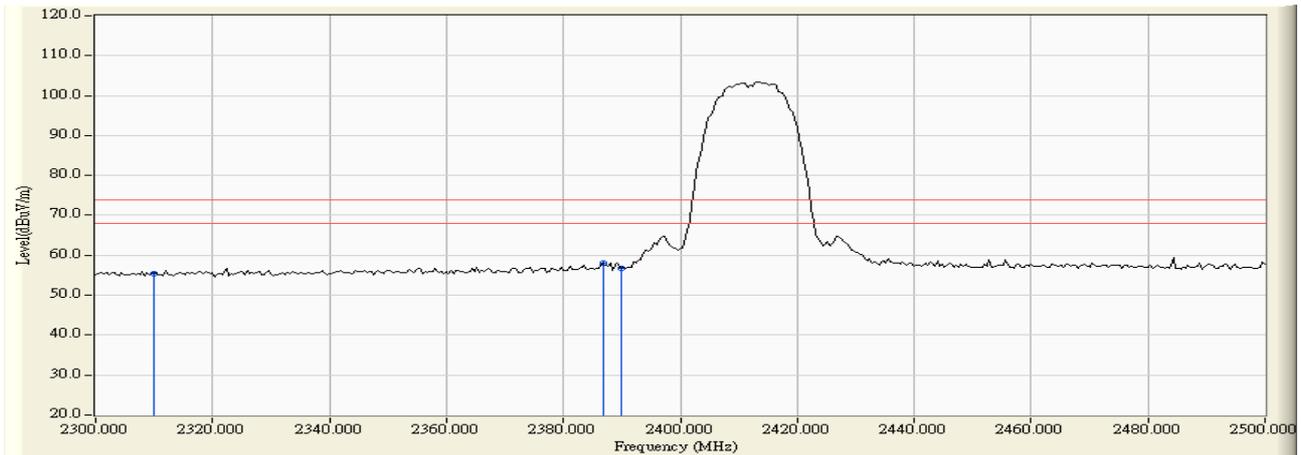


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	12.711	43.825	-10.175	74.000	54.00	AVERAGE
2	* 2389.600	31.394	14.269	45.663	-8.337	74.000	54.00	AVERAGE
3	2390.000	31.396	14.181	45.577	-8.423	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/04/23 - 19:53
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B-CH1

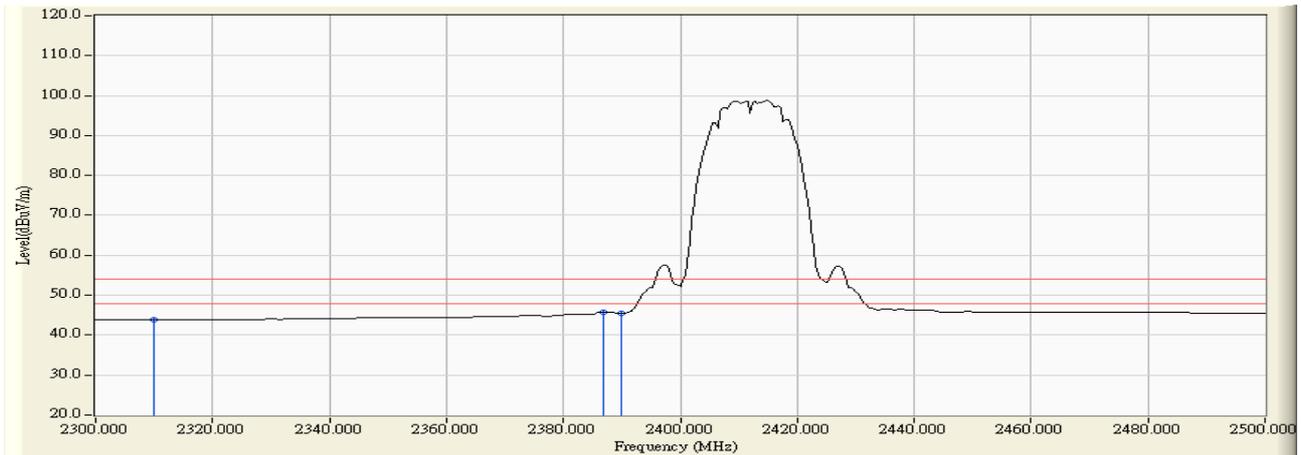


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	24.208	55.322	-18.678	74.000	54.00	PEAK
2	* 2386.800	31.385	26.689	58.074	-15.926	74.000	54.00	PEAK
3	2390.000	31.396	25.363	56.759	-17.241	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/04/23 - 20:00
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-B-CH1

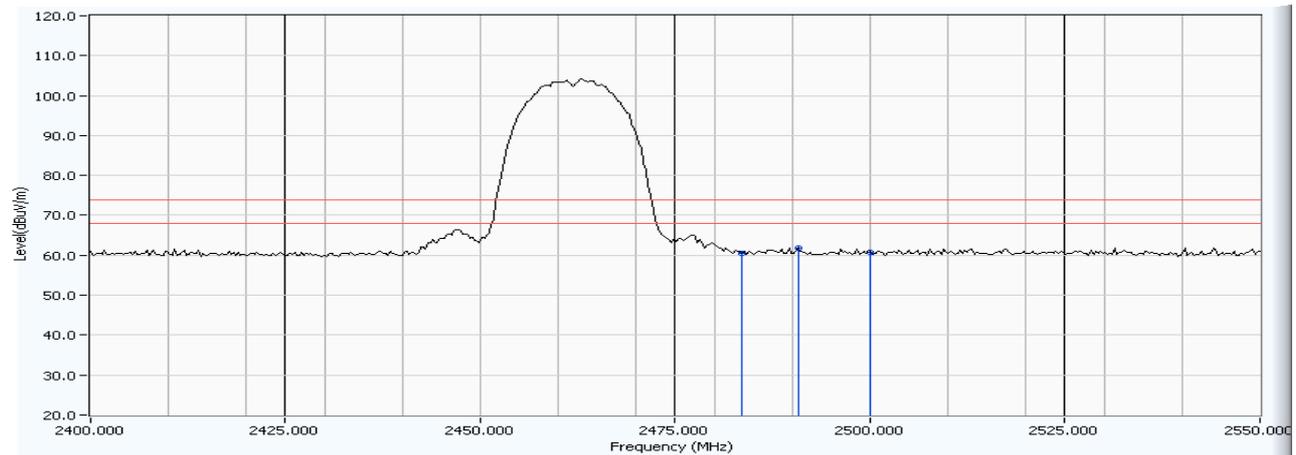


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	12.711	43.825	-10.175	74.000	54.00	AVERAGE
2	* 2386.800	31.385	14.467	45.852	-8.148	74.000	54.00	AVERAGE
3	2390.000	31.396	14.181	45.577	-8.423	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 11:13
Site : CB3	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-B-CH11	

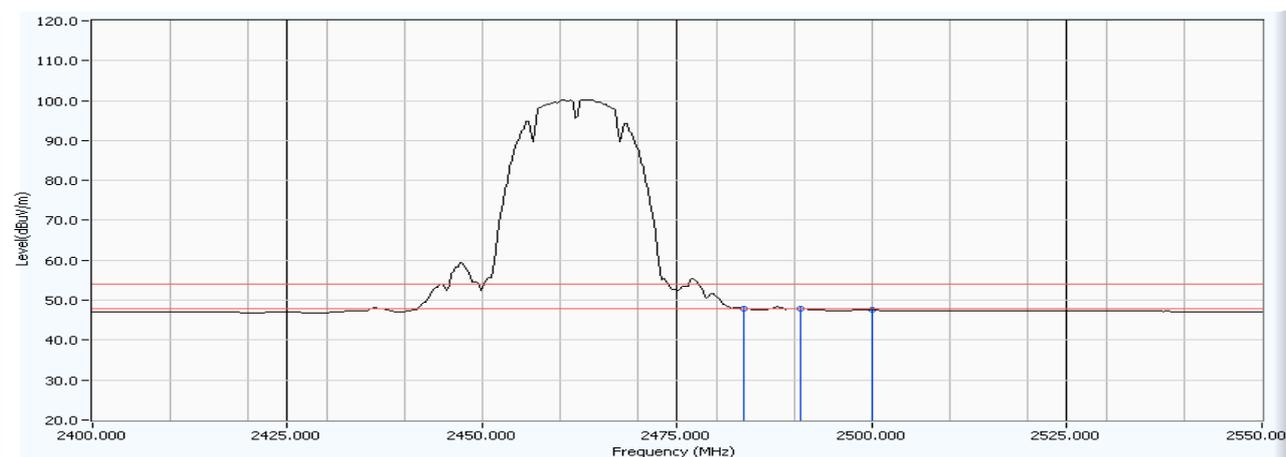


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	28.834	60.570	-13.430	74.000	54.00	PEAK
2	* 2490.781	31.762	30.095	61.857	-12.143	74.000	54.00	PEAK
3	2500.000	31.789	28.957	60.746	-13.254	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 11:16
Site : CB3	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-B-CH11	

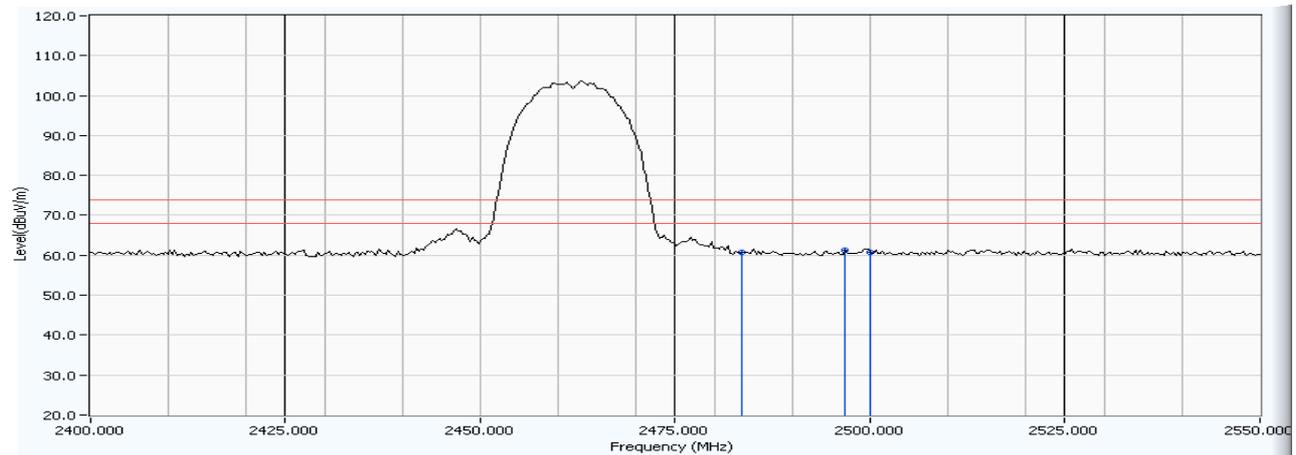


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	16.224	47.960	-6.040	74.000	54.00	AVERAGE
2	* 2490.781	31.762	16.006	47.768	-6.232	74.000	54.00	AVERAGE
3	2500.000	31.789	15.796	47.585	-6.415	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 11:31
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-B-CH11	

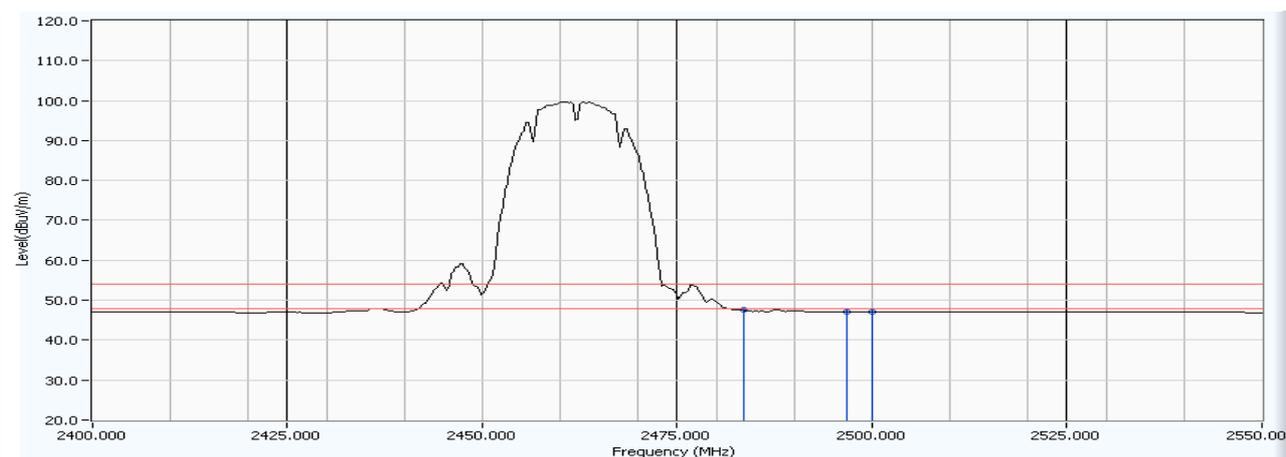


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	28.977	60.713	-13.287	74.000	54.00	PEAK
2	* 2496.794	31.781	29.406	61.188	-12.812	74.000	54.00	PEAK
3	2500.000	31.789	29.066	60.855	-13.145	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 11:32
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-B-CH11	

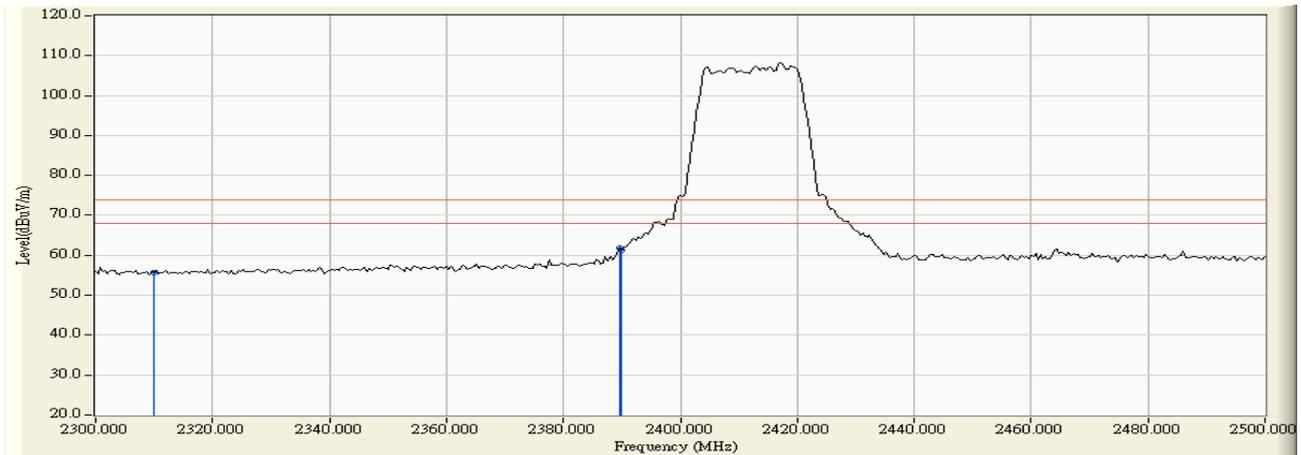


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	15.752	47.488	-6.512	74.000	54.00	AVERAGE
2	* 2496.794	31.781	15.258	47.040	-6.960	74.000	54.00	AVERAGE
3	2500.000	31.789	15.360	47.149	-6.851	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/06 - 11:31
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH1

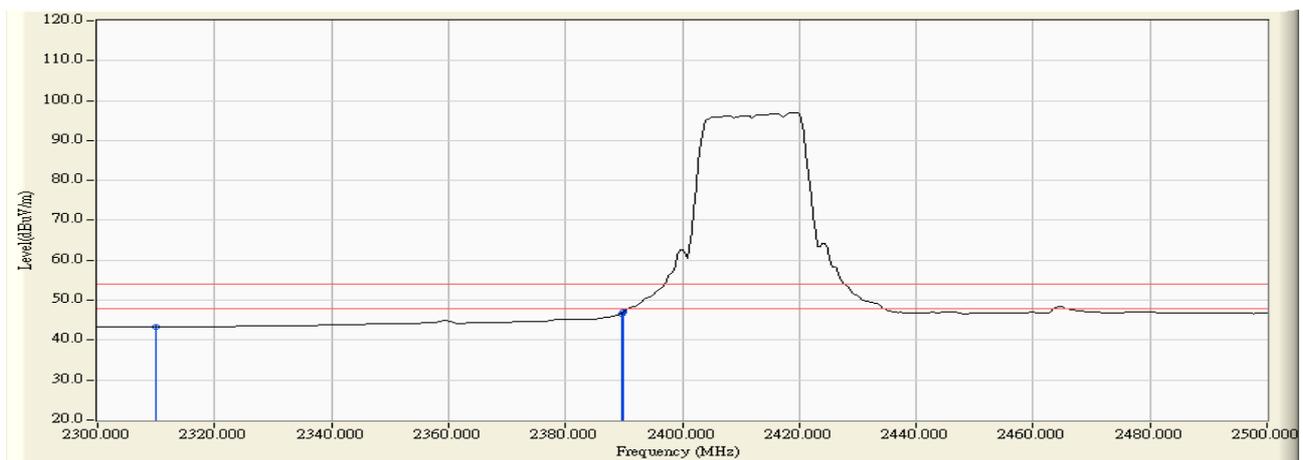


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	24.440	55.554	-18.446	74.000	54.00	PEAK
2	* 2389.600	31.394	30.438	61.832	-12.168	74.000	54.00	PEAK
3	2390.000	31.396	29.925	61.321	-12.679	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/06 - 11:32
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH1

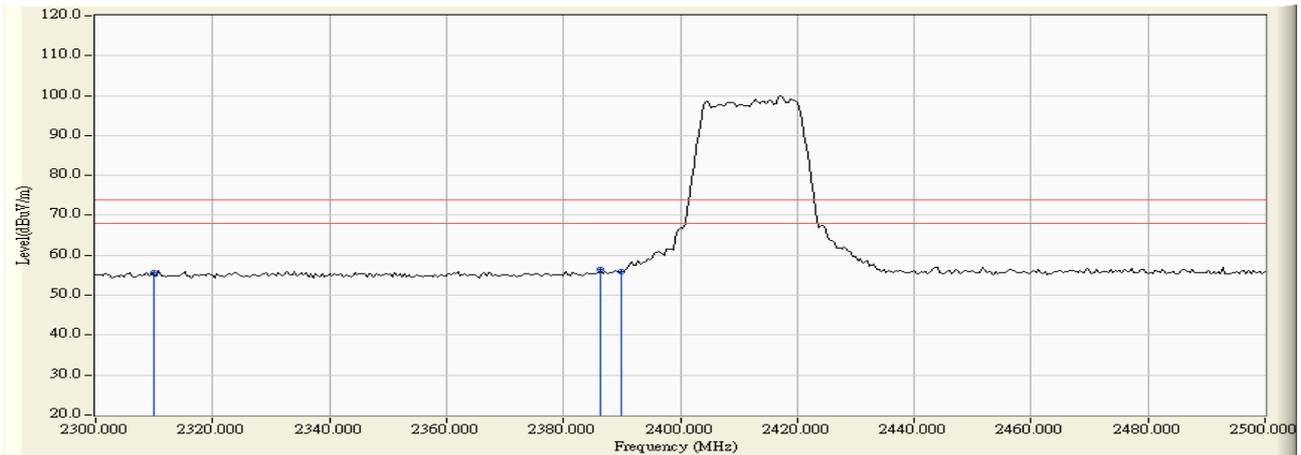


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	12.313	43.427	-30.573	74.000	54.00	AVERAGE
2	* 2389.600	31.394	15.261	46.655	-27.345	74.000	54.00	AVERAGE
3	2390.000	31.396	15.704	47.100	-26.900	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/06 - 13:11
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH1

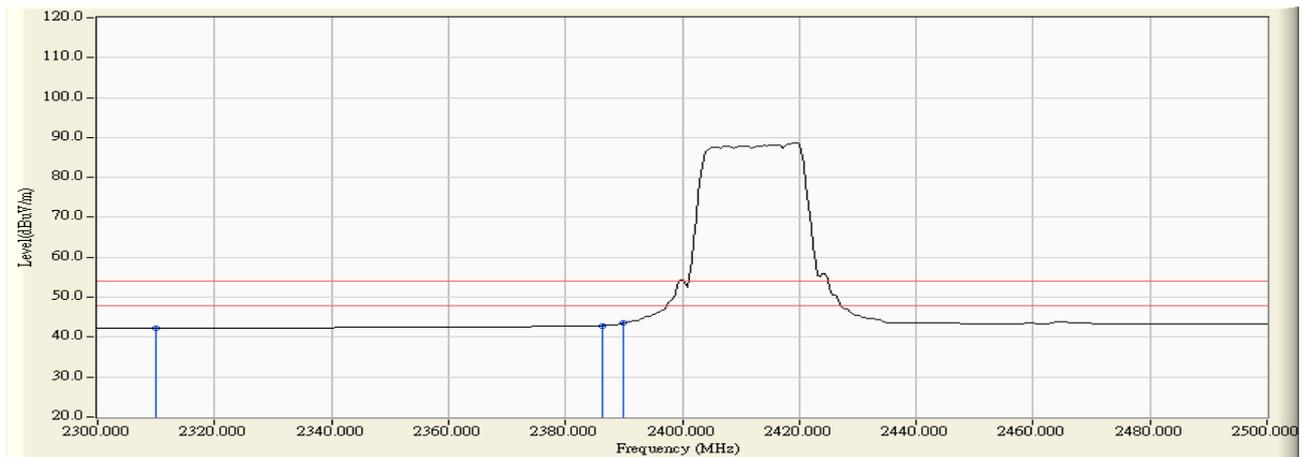


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	24.440	55.554	-18.446	74.000	54.00	PEAK
2	* 2386.400	31.384	24.963	56.346	-17.654	74.000	54.00	PEAK
3	2390.000	31.396	24.563	55.959	-18.041	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/06 - 13:14
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH1

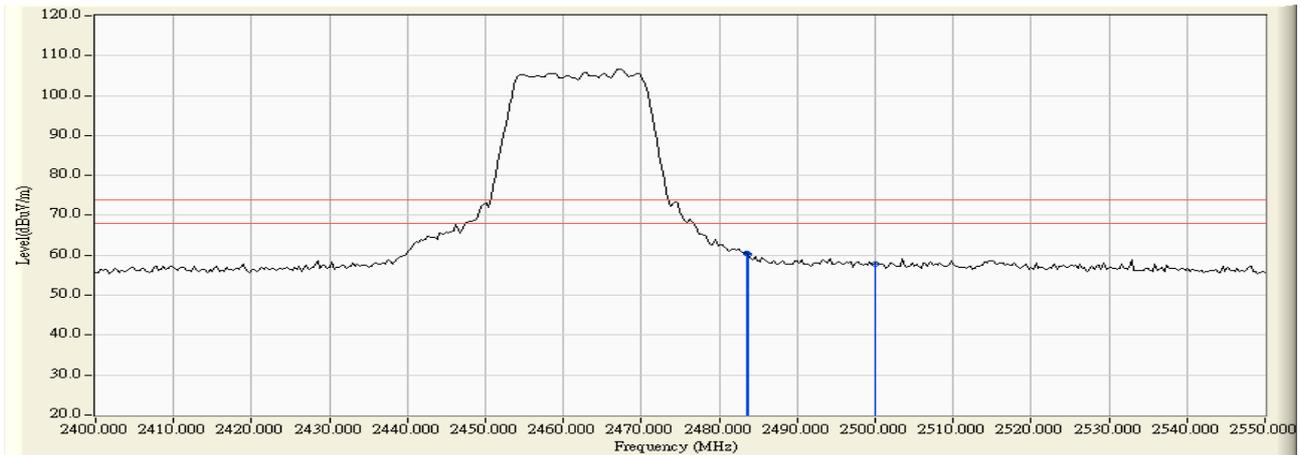


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	11.187	42.301	-31.699	74.000	54.00	AVERAGE
2	* 2386.400	31.384	11.529	42.912	-31.088	74.000	54.00	AVERAGE
3	2390.000	31.396	12.111	43.507	-30.493	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/12 - 10:37
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH11

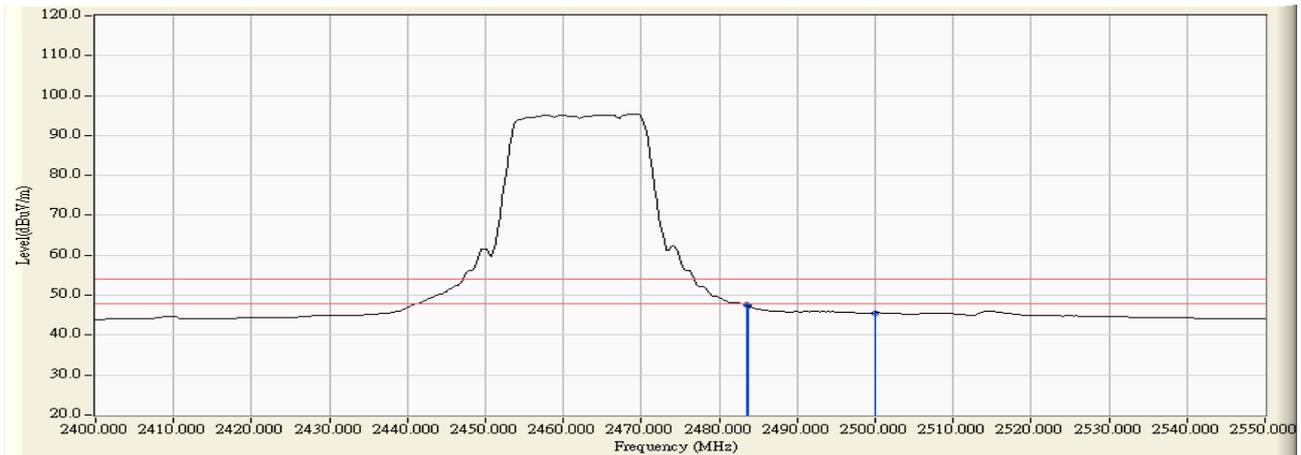


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	28.825	60.561	-13.439	74.000	54.00	PEAK
2	* 2483.700	31.737	28.469	60.206	-13.794	74.000	54.00	PEAK
3	2500.000	31.789	26.069	57.858	-16.142	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/12 - 10:38
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH11

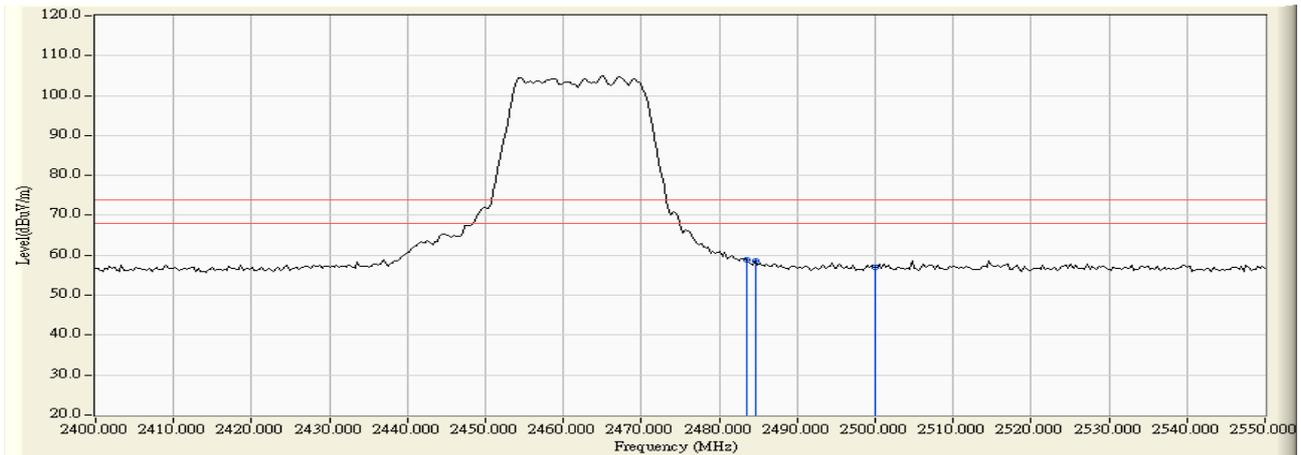


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	15.926	47.662	-6.338	74.000	54.00	AVERAGE
2	* 2483.700	31.737	15.741	47.478	-6.522	74.000	54.00	AVERAGE
3	2500.000	31.789	13.800	45.589	-8.411	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/12 - 11:01
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH11

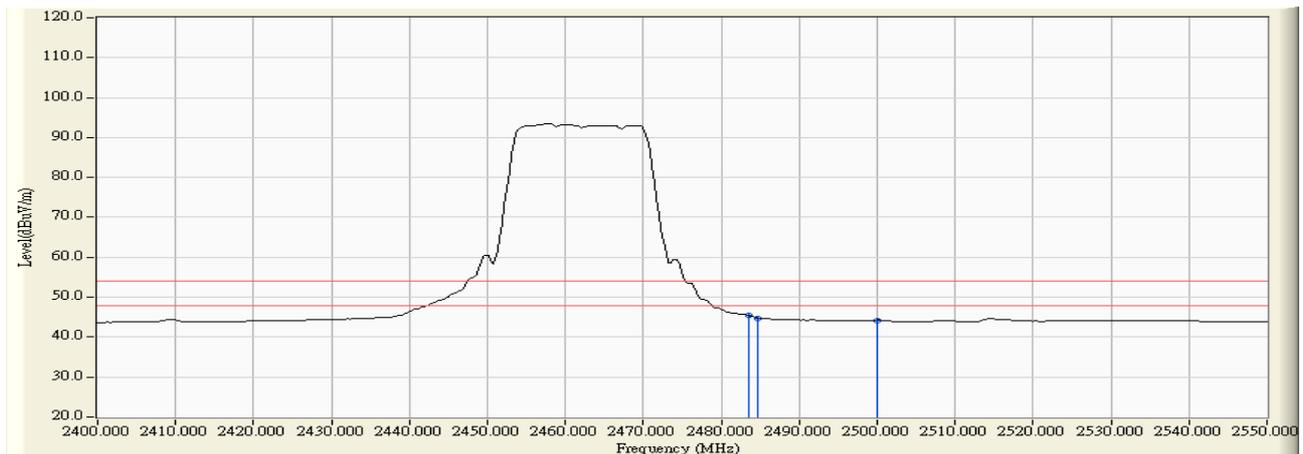


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	27.067	58.803	-15.197	74.000	54.00	PEAK
2	* 2484.600	31.739	26.831	58.571	-15.429	74.000	54.00	PEAK
3	2500.000	31.789	25.256	57.045	-16.955	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/12 - 11:02
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-G-CH11

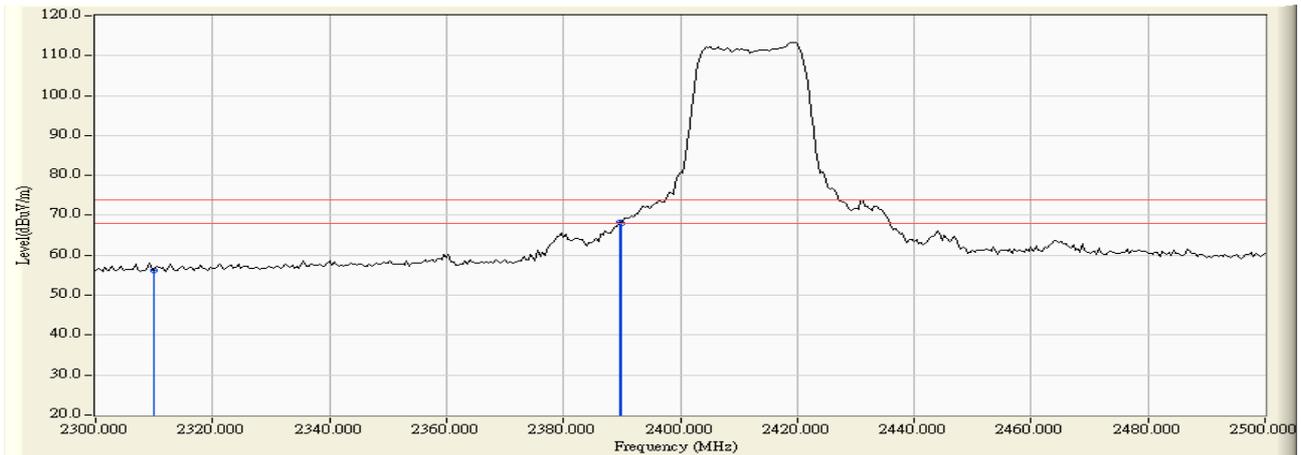


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	13.730	45.466	-8.534	74.000	54.00	AVERAGE
2	* 2484.600	31.739	13.017	44.757	-9.243	74.000	54.00	AVERAGE
3	2500.000	31.789	12.453	44.242	-9.758	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 20:53
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH1-20MHz_2Tx

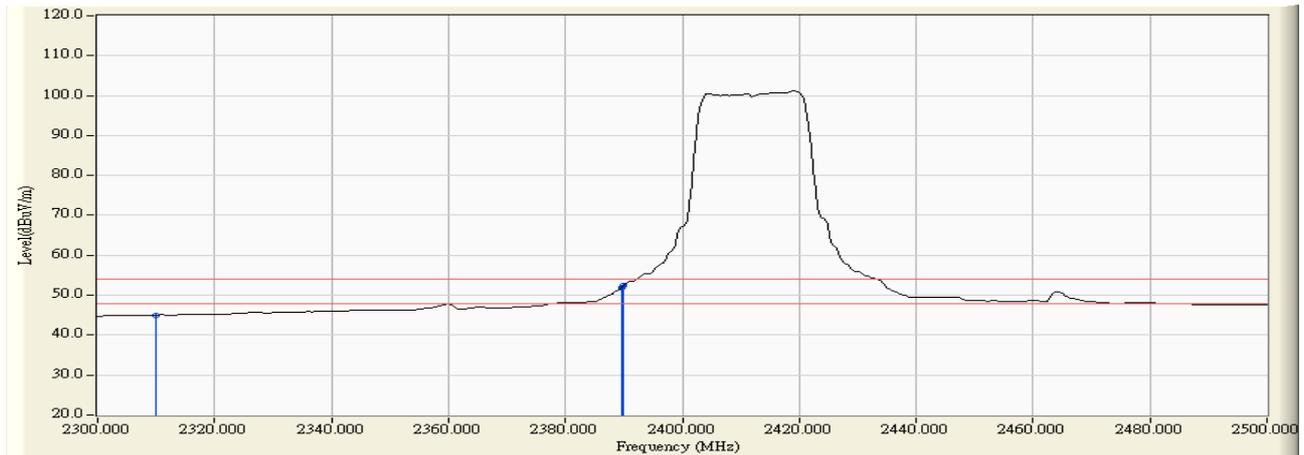


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	25.067	56.181	-17.819	74.000	54.00	PEAK
2	* 2389.600	31.394	36.773	68.167	-5.833	74.000	54.00	PEAK
3	2390.000	31.396	36.640	68.036	-5.964	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 20:55
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH1-20MHz_2Tx

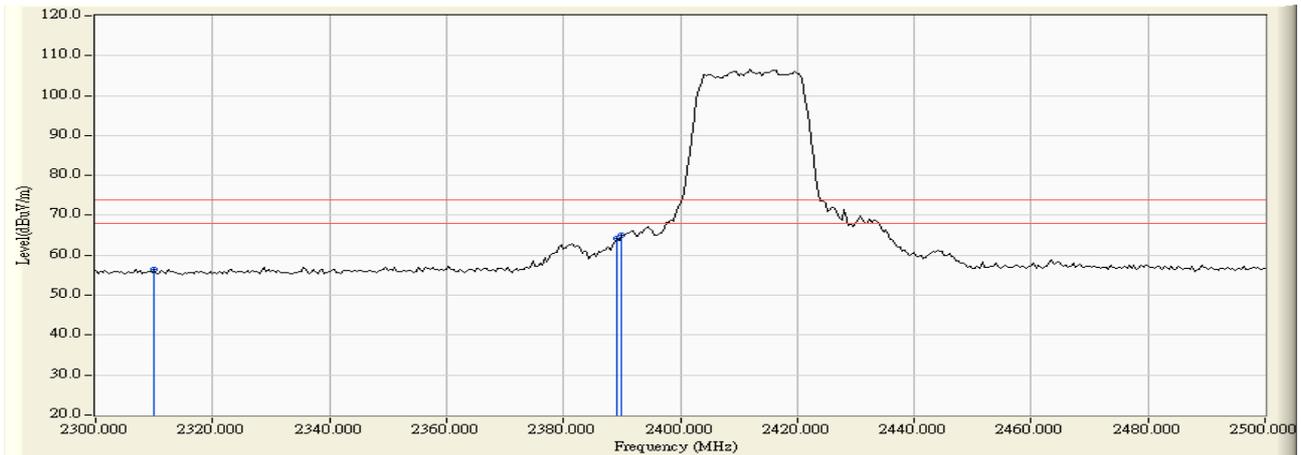


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	13.926	45.040	-8.960	74.000	54.00	AVERAGE
2	* 2389.600	31.394	20.535	51.929	-2.071	74.000	54.00	AVERAGE
3	2390.000	31.396	21.065	52.461	-1.539	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:03
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH1-20MHz_2Tx

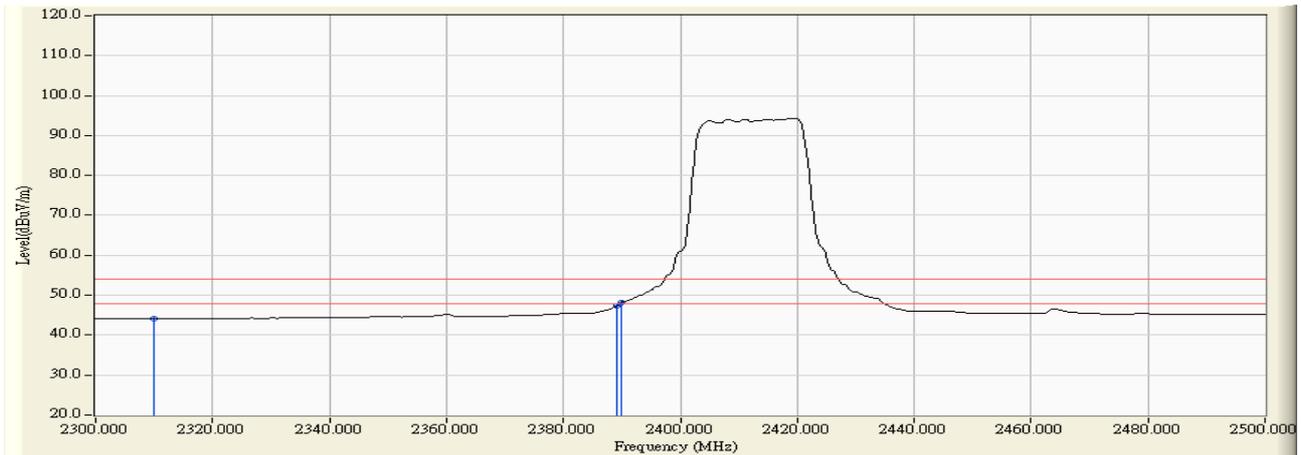


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	25.250	56.364	-17.636	74.000	54.00	PEAK
2	* 2389.200	31.393	32.801	64.194	-9.806	74.000	54.00	PEAK
3	2390.000	31.396	33.626	65.022	-8.978	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:04
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH1-20MHz_2Tx

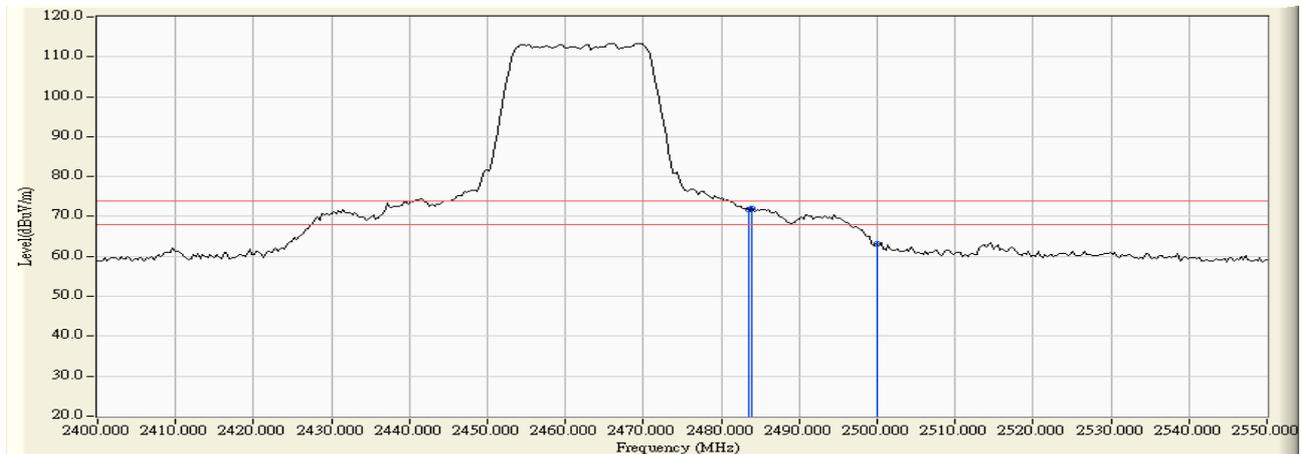


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	12.983	44.097	-9.903	74.000	54.00	AVERAGE
2	* 2389.200	31.393	15.987	47.380	-6.620	74.000	54.00	AVERAGE
3	2390.000	31.396	16.717	48.113	-5.887	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:14
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH11-20MHz_2Tx

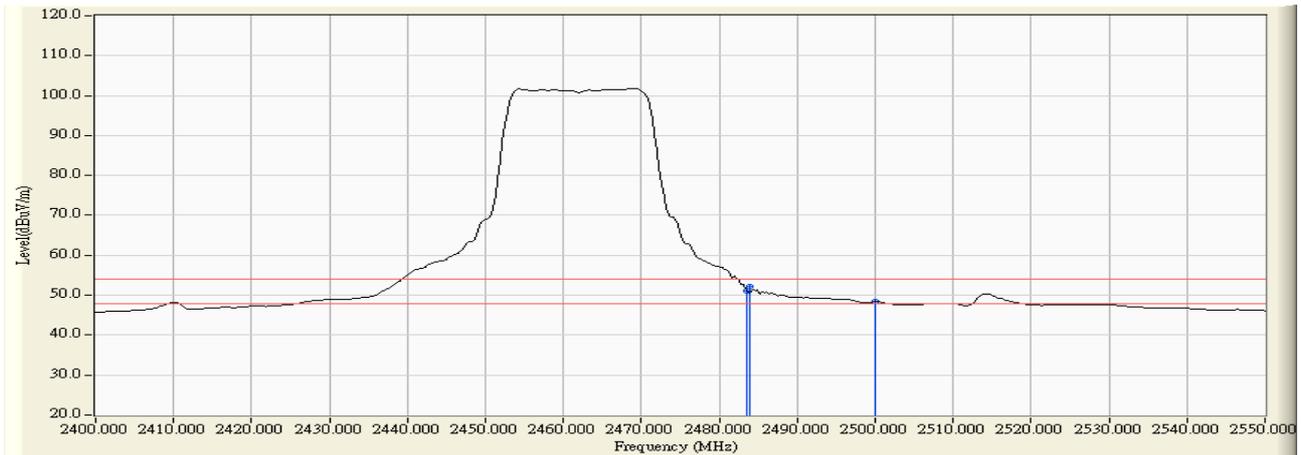


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	40.025	71.761	-2.239	74.000	54.00	PEAK
2	* 2484.000	31.738	40.239	71.977	-2.023	74.000	54.00	PEAK
3	2500.000	31.789	31.262	63.051	-10.949	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:16
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH11-20MHz_2Tx

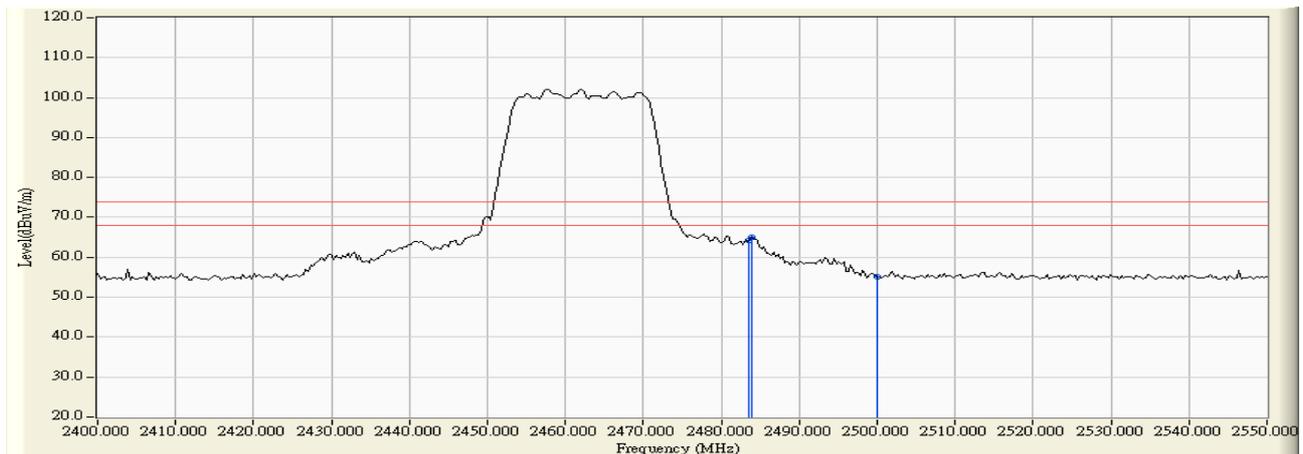


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	19.390	51.126	-2.874	74.000	54.00	AVERAGE
2	* 2484.000	31.738	20.546	52.284	-1.716	74.000	54.00	AVERAGE
3	2500.000	31.789	16.507	48.296	-5.704	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:23
Limit : FCC_15.209(961011)_03M_PK	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH11-20MHz_2Tx

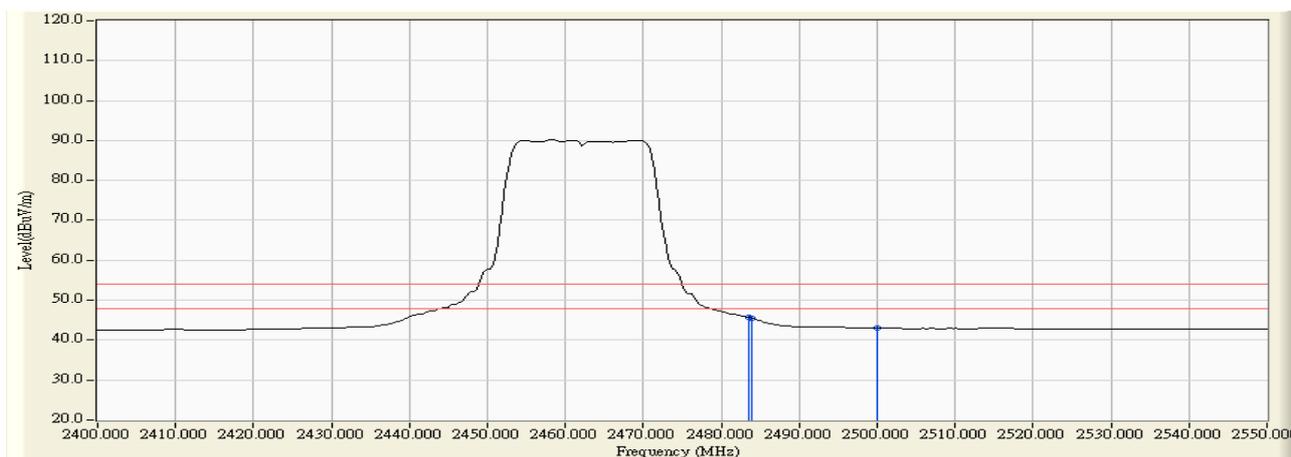


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	32.525	64.261	-9.739	74.000	54.00	PEAK
2	* 2484.000	31.738	33.198	64.936	-9.064	74.000	54.00	PEAK
3	2500.000	31.789	23.384	55.173	-18.827	74.000	54.00	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.

Engineer : Halu Chung	
Site : Site 2	Time : 2008/05/21 - 21:25
Limit : FCC_15.209(961011)_03M_AV	Margin : 6
Probe : CB4_FCC_1-18G(2007) - VERTICAL	Power : AC 120V / 60Hz
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Note : Tx-N-CH11-20MHz_2Tx

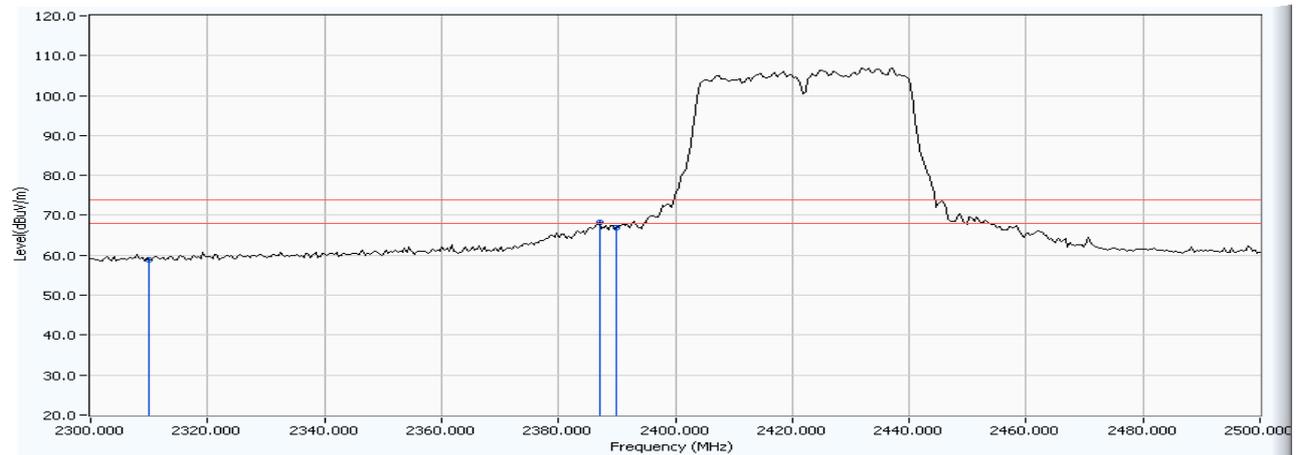


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	14.015	45.751	-8.249	74.000	54.00	AVERAGE
2	* 2484.000	31.738	13.701	45.439	-8.561	74.000	54.00	AVERAGE
3	2500.000	31.789	11.287	43.076	-10.924	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 16:43
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH3-40MHz_2Tx	

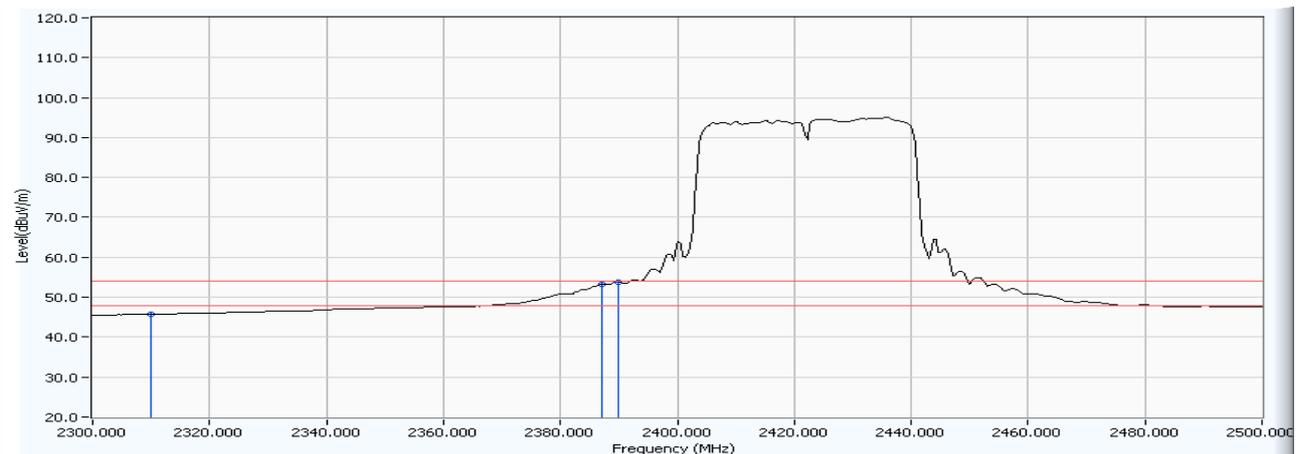


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	27.775	58.889	-15.111	74.000	54.00	PEAK
2	* 2386.974	31.385	36.840	68.225	-5.775	74.000	54.00	PEAK
3	2390.000	31.396	35.610	67.006	-6.994	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 16:45
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH3-40MHz_2Tx	

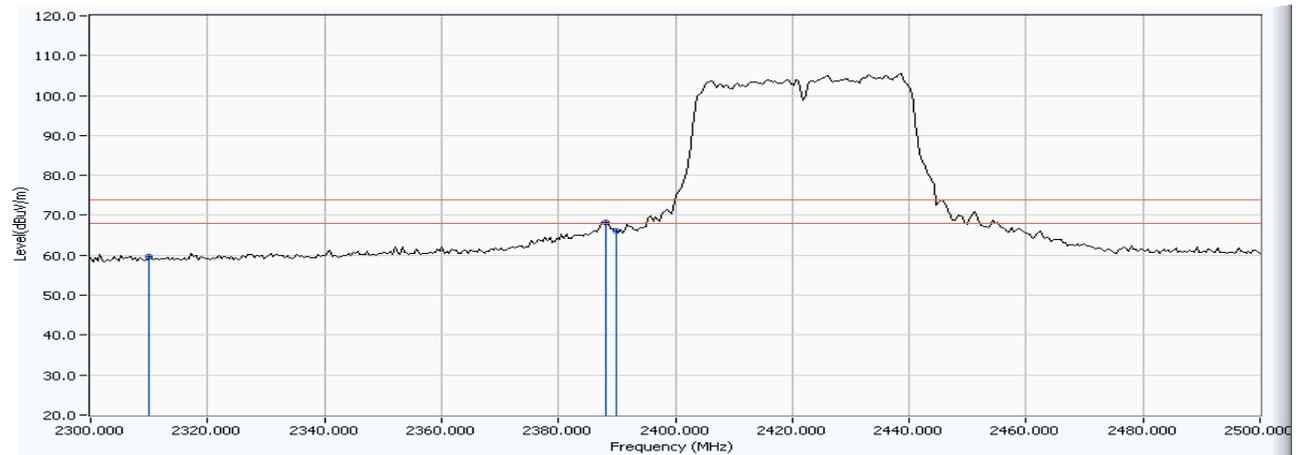


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	14.618	45.732	-8.268	74.000	54.00	AVERAGE
2	* 2386.974	31.385	21.784	53.169	-0.831	74.000	54.00	AVERAGE
3	2390.000	31.396	22.453	53.849	-0.151	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 16:50
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH3-40MHz_2Tx	

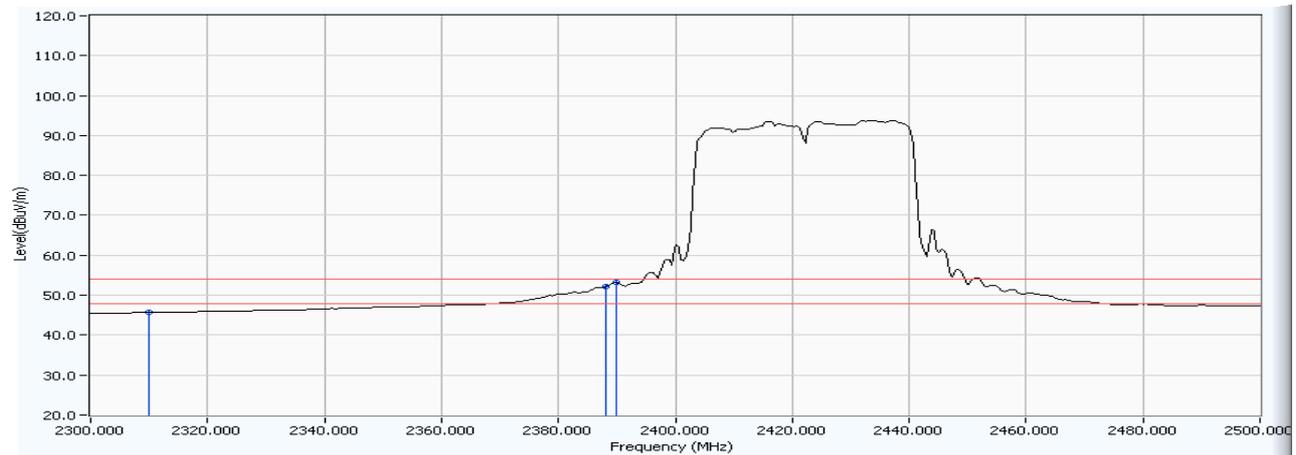


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	28.555	59.669	-14.331	74.000	54.00	PEAK
2	* 2388.176	31.390	36.909	68.298	-5.702	74.000	54.00	PEAK
3	2390.000	31.396	34.611	66.007	-7.993	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 16:51
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH3-40MHz_2Tx	

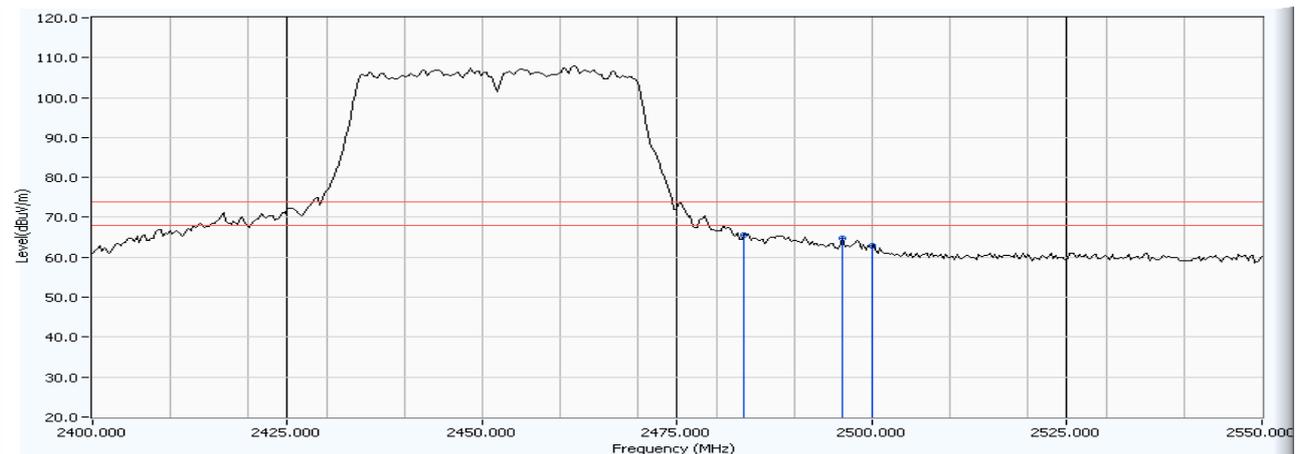


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2310.000	31.114	14.541	45.655	-8.345	74.000	54.00	AVERAGE
2	* 2388.176	31.390	20.662	52.051	-1.949	74.000	54.00	AVERAGE
3	2390.000	31.396	21.714	53.110	-0.890	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 17:09
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH9-40MHz_2Tx	

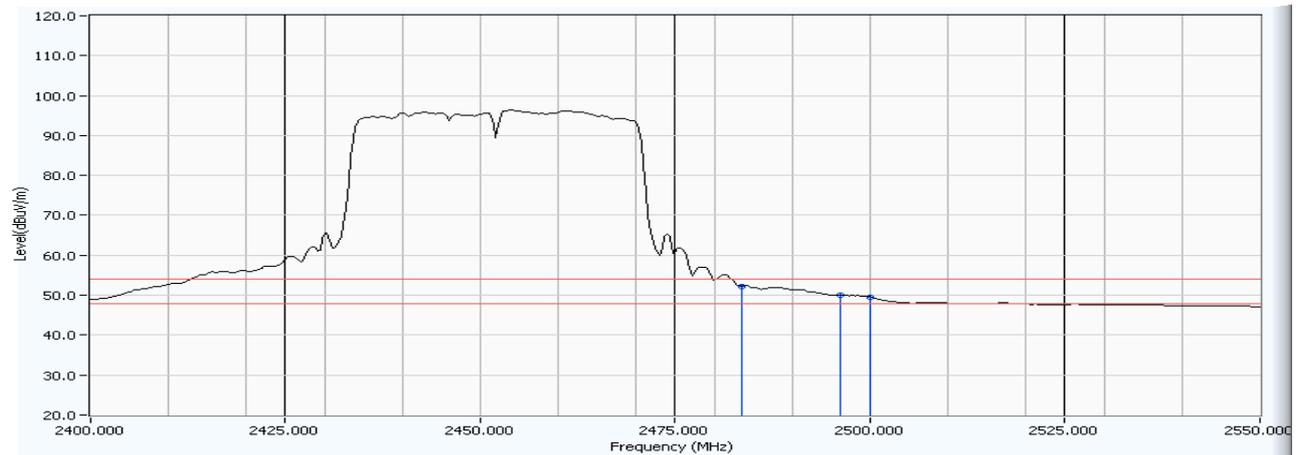


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	33.769	65.505	-8.495	74.000	54.00	PEAK
2	* 2496.192	31.780	33.104	64.884	-9.116	74.000	54.00	PEAK
3	2500.000	31.789	31.088	62.877	-11.123	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 17:11
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - HORIZONTAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH9-40MHz_2Tx	

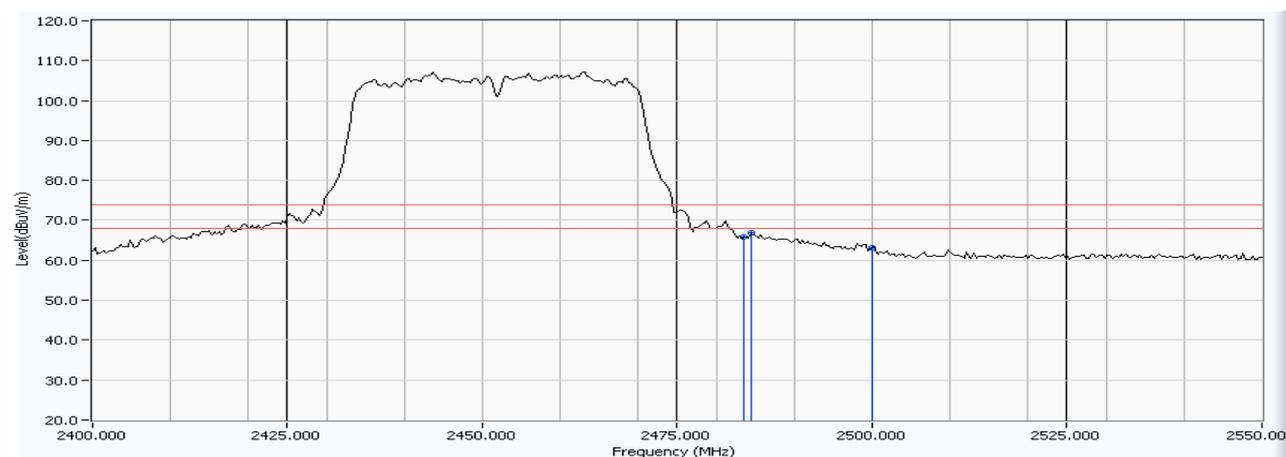


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	20.539	52.275	-1.725	74.000	54.00	AVERAGE
2	* 2496.192	31.780	18.282	50.062	-3.938	74.000	54.00	AVERAGE
3	2500.000	31.789	17.806	49.595	-4.405	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 17:15
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_PK	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH9-40MHz_2Tx	

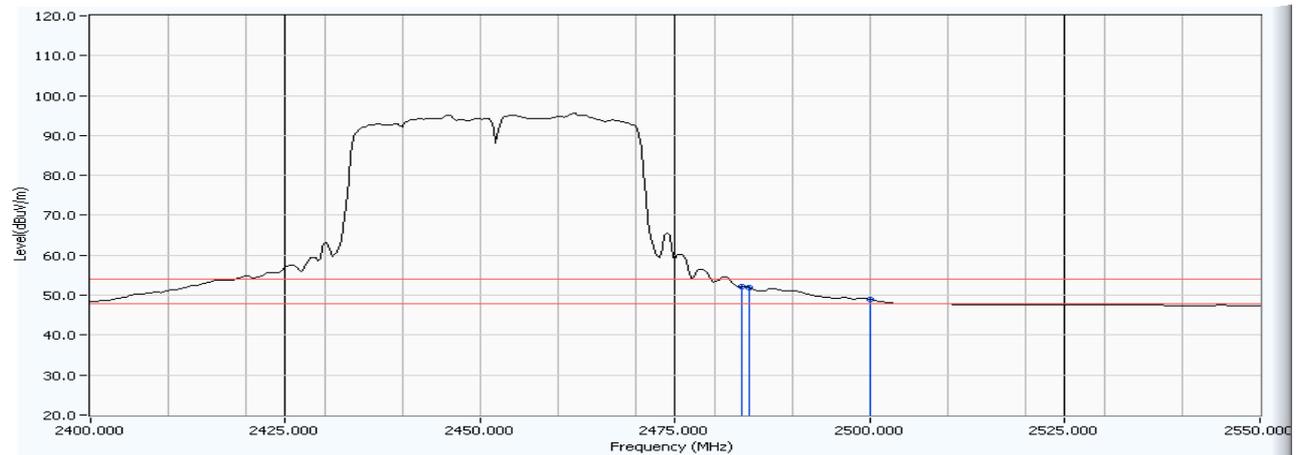


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2483.500	31.736	34.002	65.738	-8.262	74.000	54.00	PEAK
2	* 2484.469	31.739	35.061	66.800	-7.200	74.000	54.00	PEAK
3	2500.000	31.789	31.391	63.180	-10.820	74.000	54.00	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.

Engineer : Halu Chung	Time : 2008/04/30 - 17:16
Site : Site 2	Margin : 6
Limit : FCC_15.209(961011)_03M_AV	Probe : CB3_FCC_1-18G(2007) - VERTICAL
EUT : ASUS SuperSpeedN Gigabit Wireless Router	Power : AC 120V / 60Hz
Note : Tx-N-CH9-40MHz_2Tx	



	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	2483.500	31.736	20.315	52.051	-1.949	74.000	54.00	AVERAGE
2	* 2484.469	31.739	20.167	51.906	-2.094	74.000	54.00	AVERAGE
3	2500.000	31.789	17.196	48.985	-5.015	74.000	54.00	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

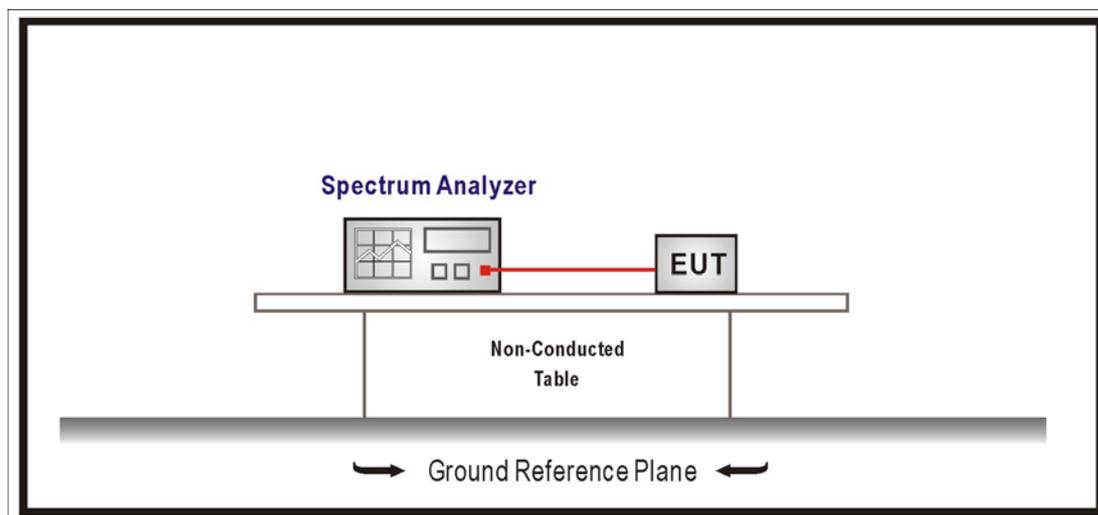
7.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2008
2	No.1 OATS			Sep., 2007

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

7.2. Test Setup



7.3. Test Procedures

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

Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Uncertainty

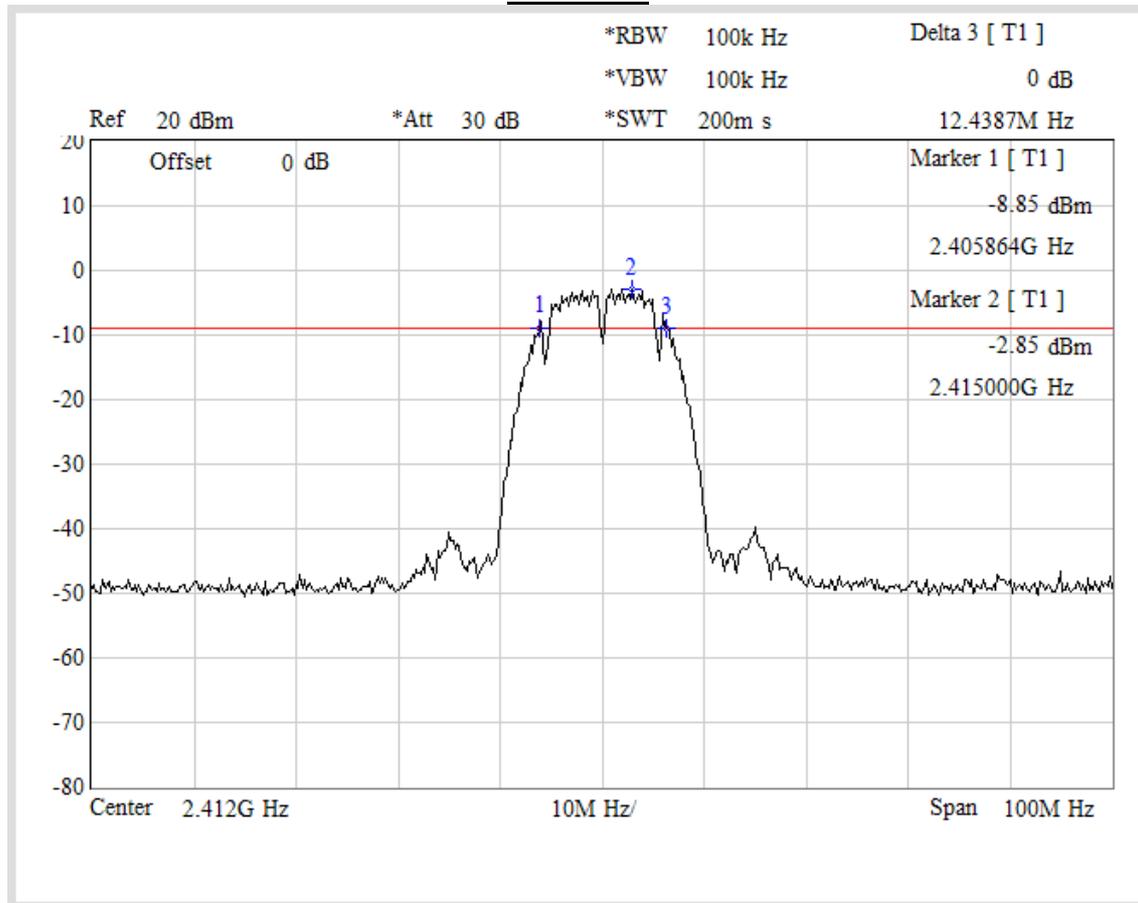
The measurement uncertainty is defined as $\pm 150\text{Hz}$

7.6. Test Result

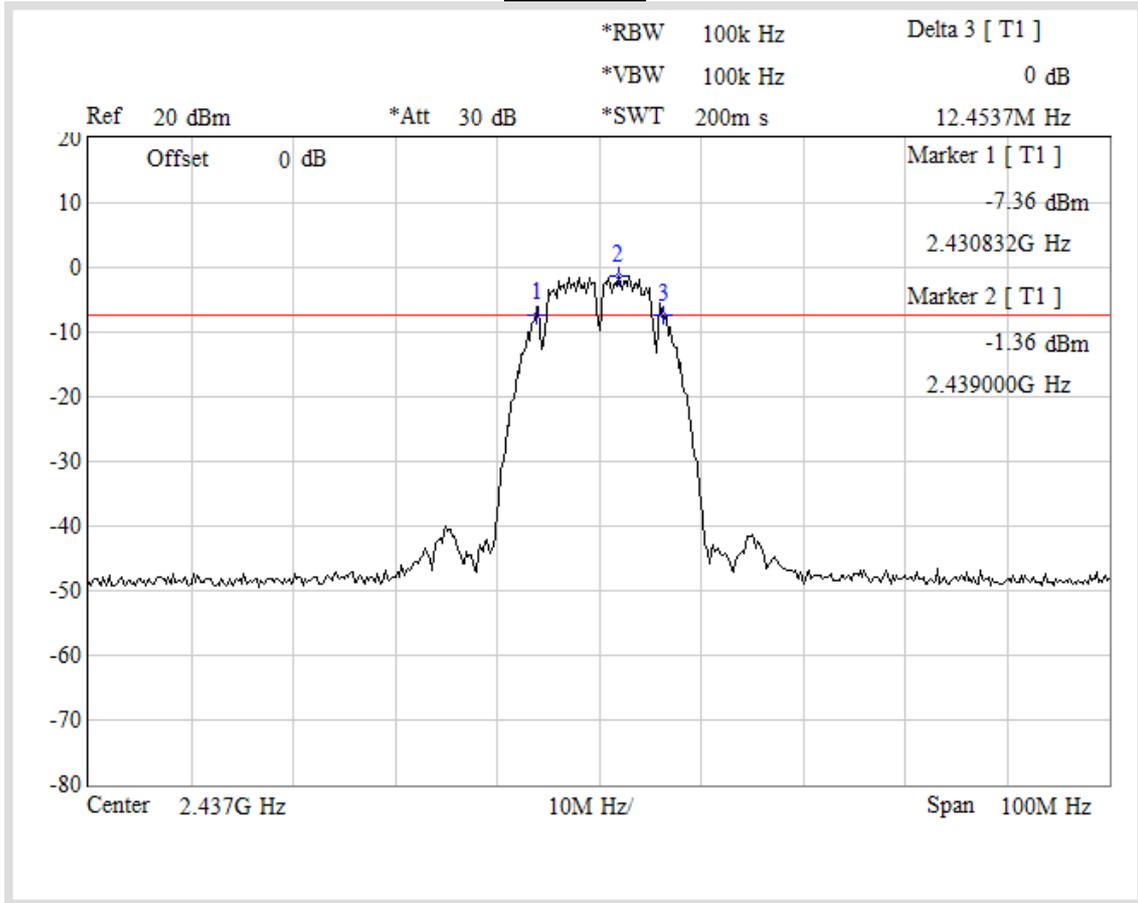
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

802.11 b				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	12438	--	Pass
6	2437.00	12453	--	Pass
11	2462.00	12437	--	Pass

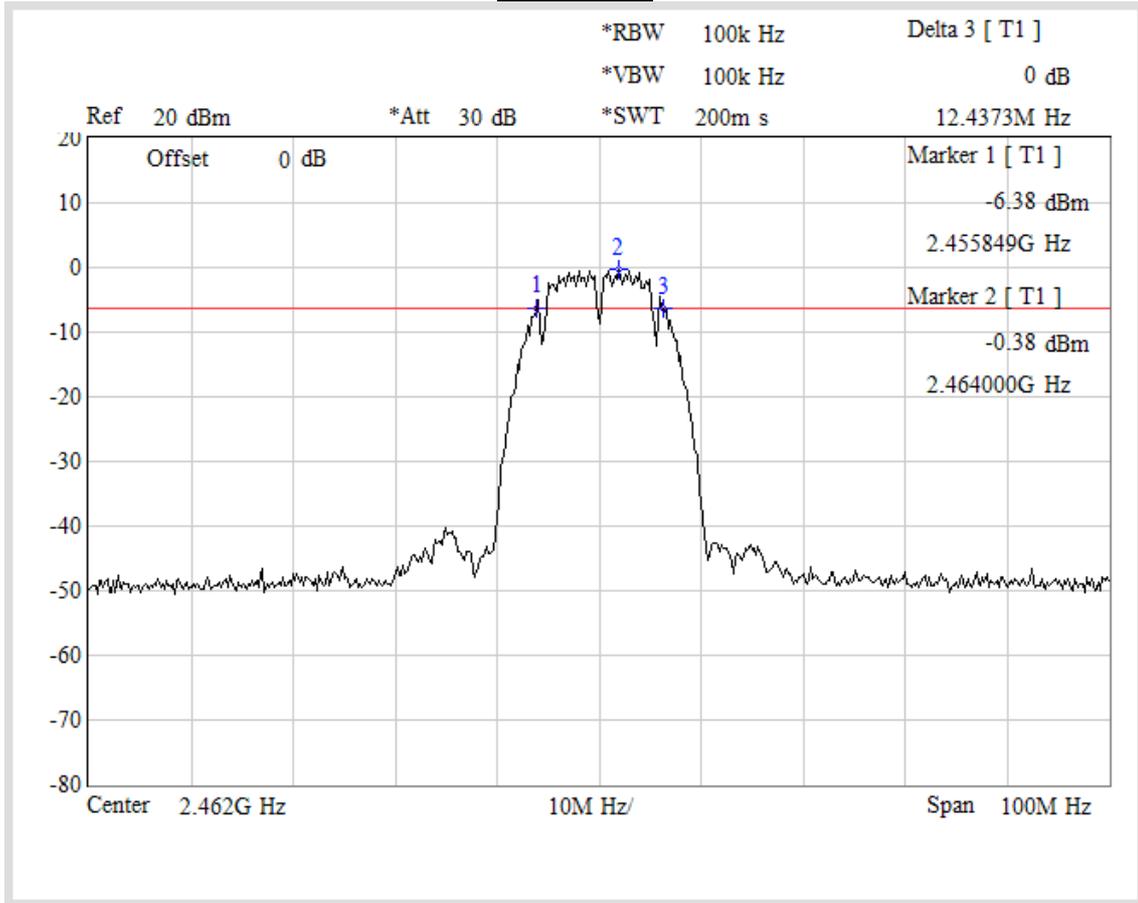
Channel 1



Channel 6



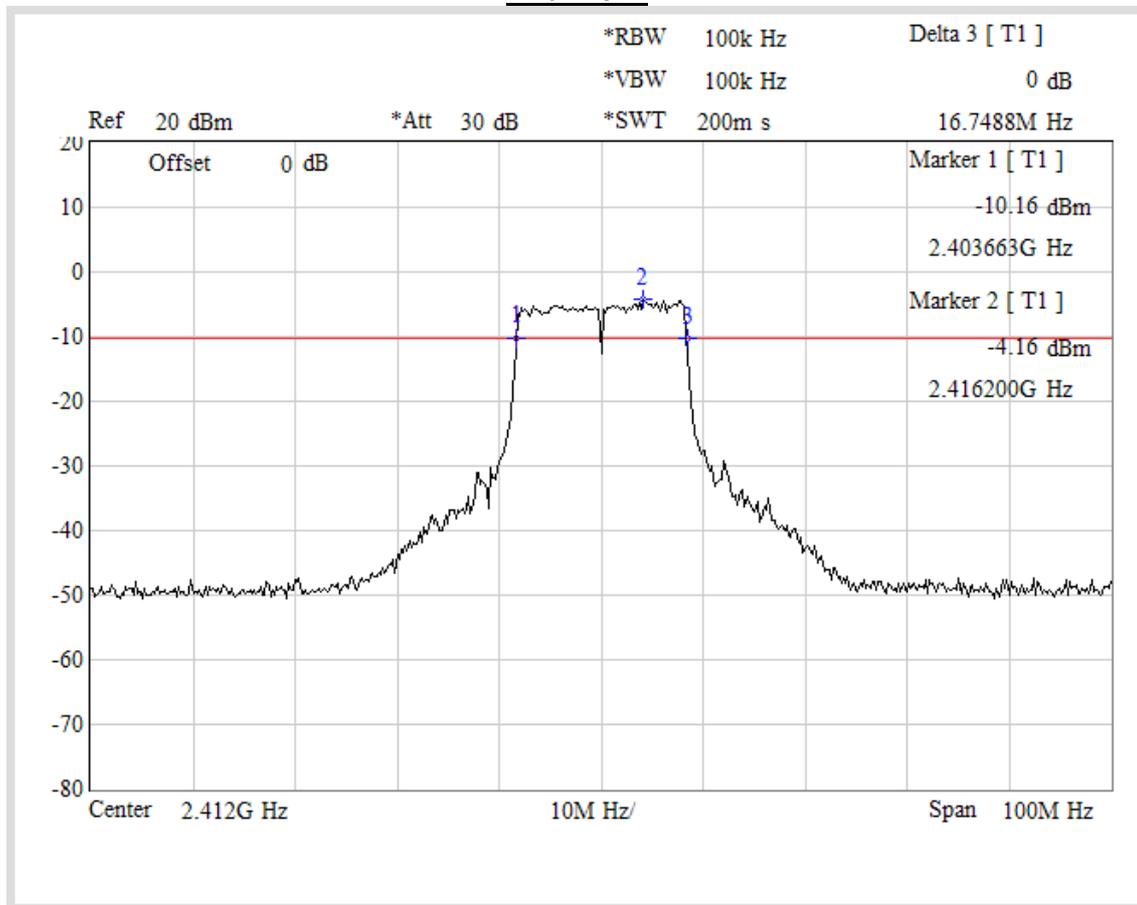
Channel 11



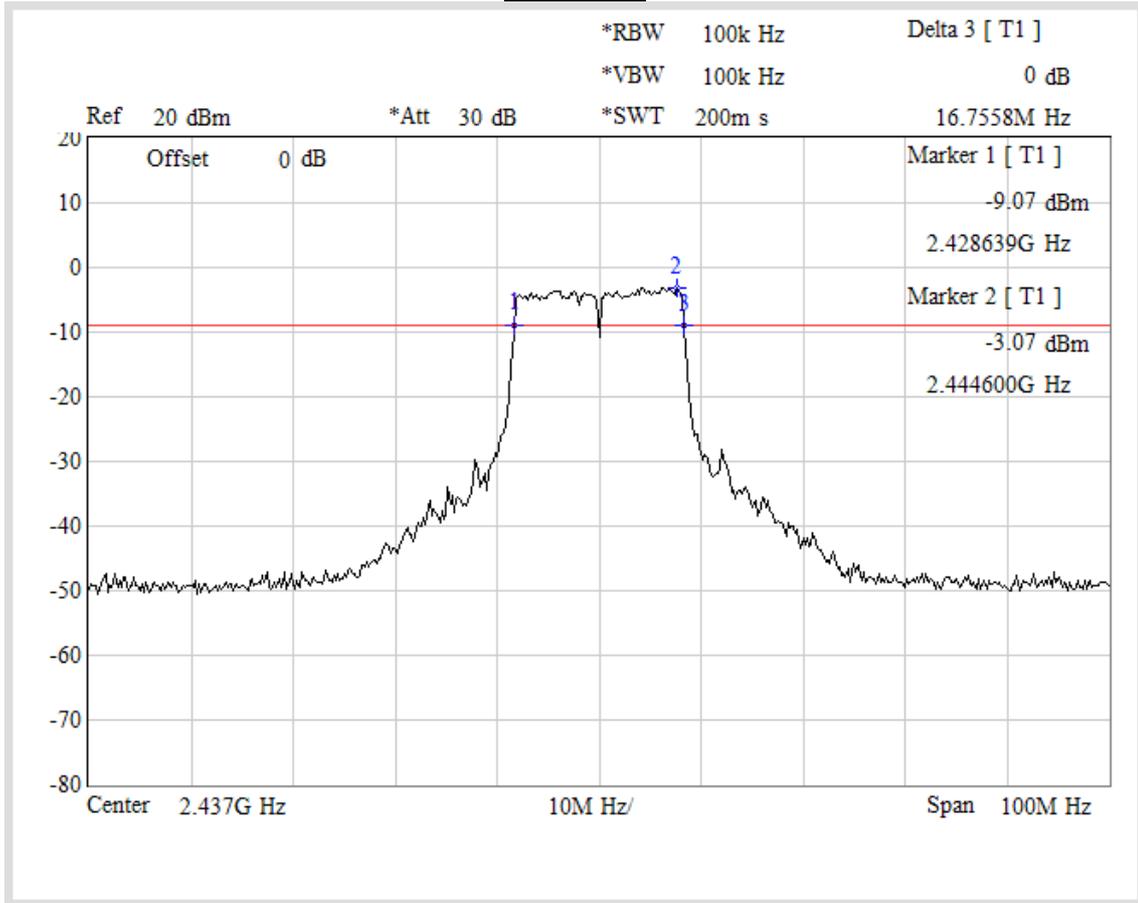
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16748	--	Pass
6	2437.00	16755	--	Pass
11	2462.00	16738	--	Pass

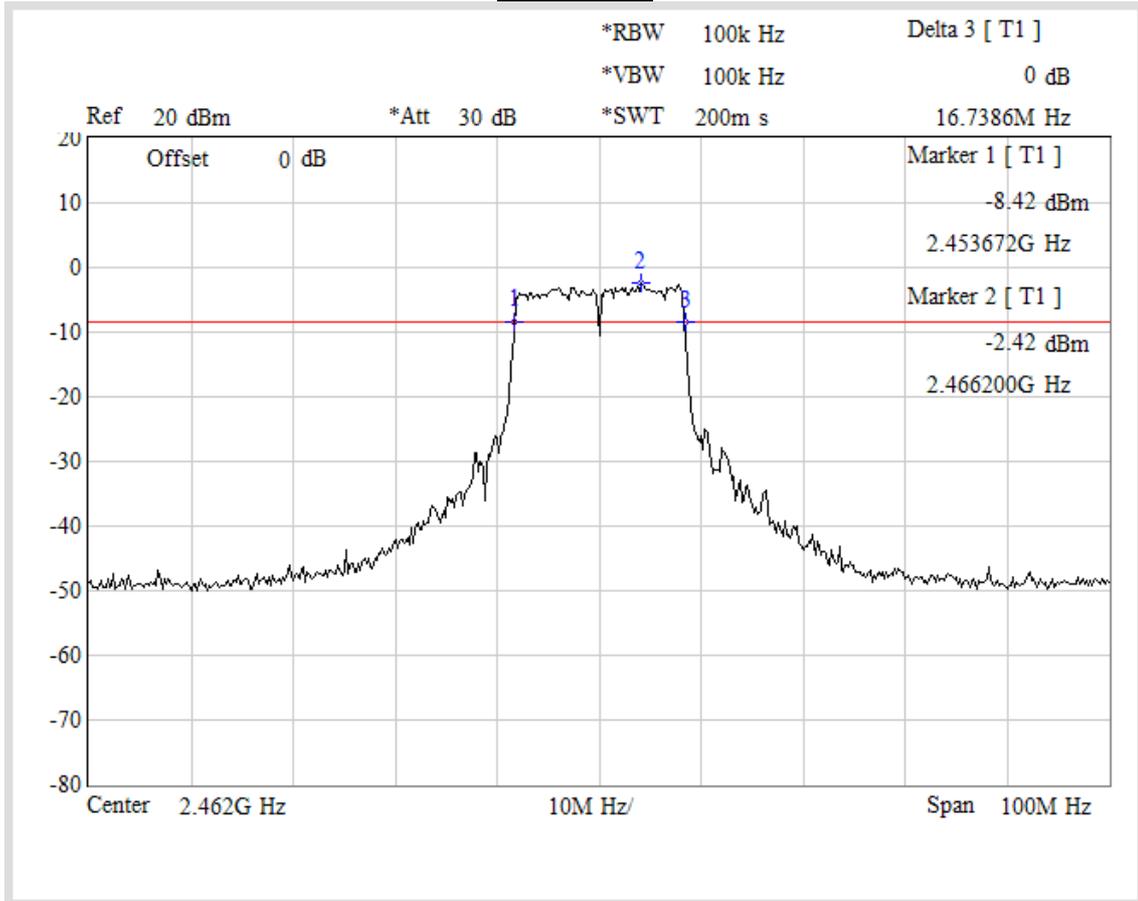
Channel 1



Channel 6



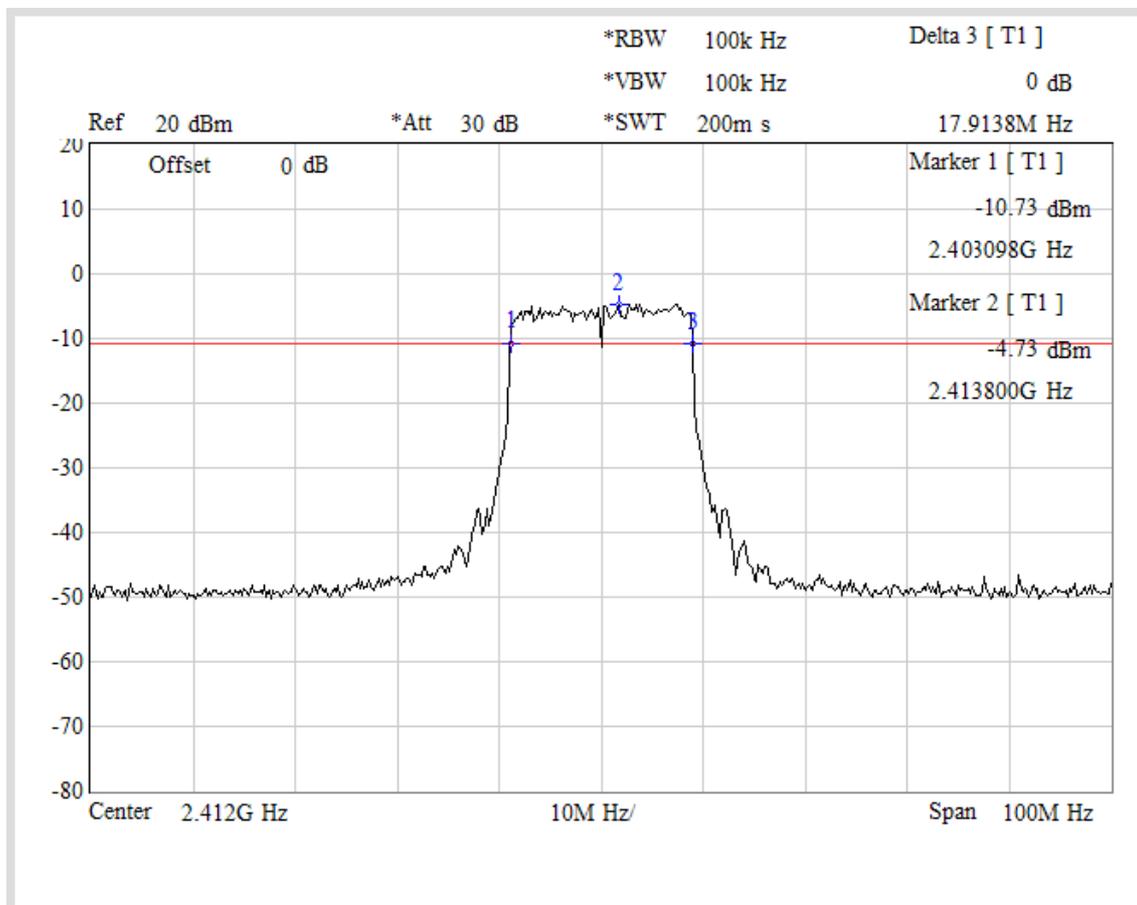
Channel 11



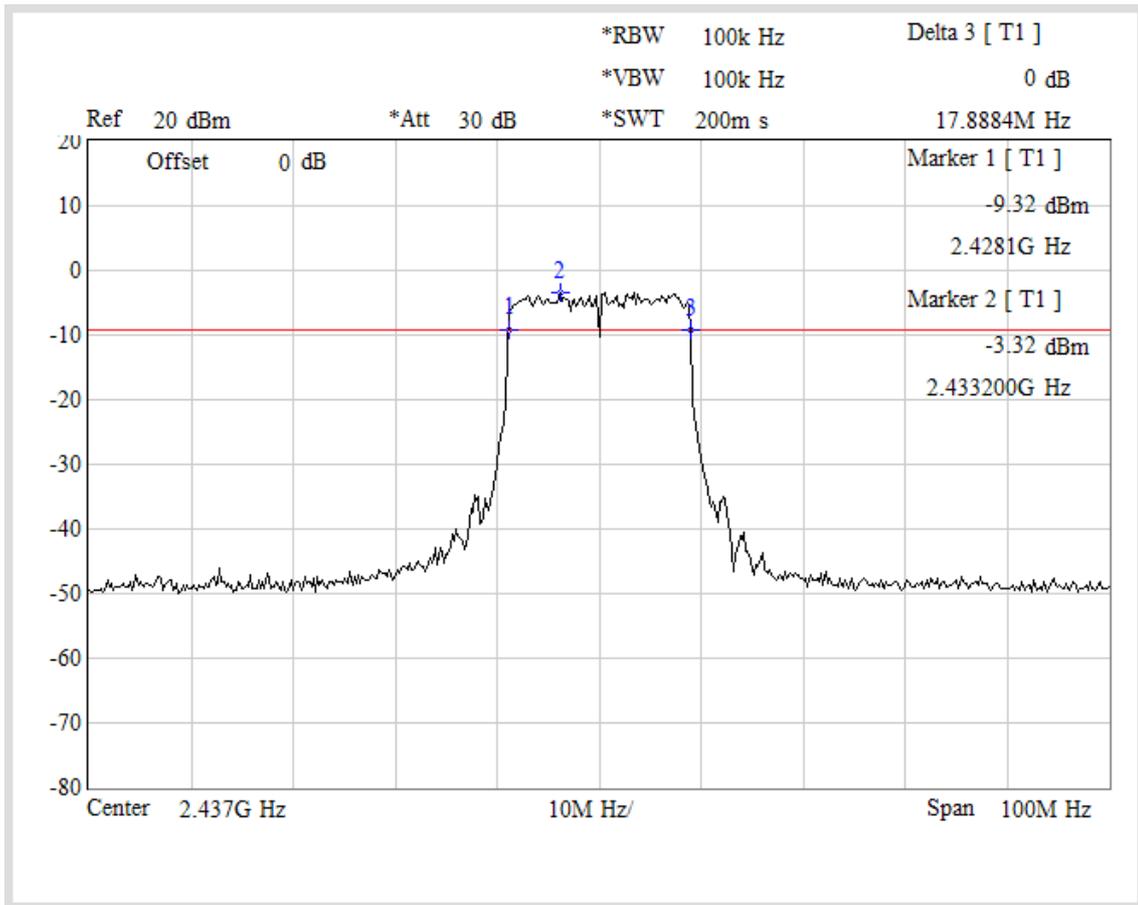
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n (ANT A (20MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	17913	--	Pass
6	2437.00	17888	--	Pass
11	2462.00	17808	--	Pass

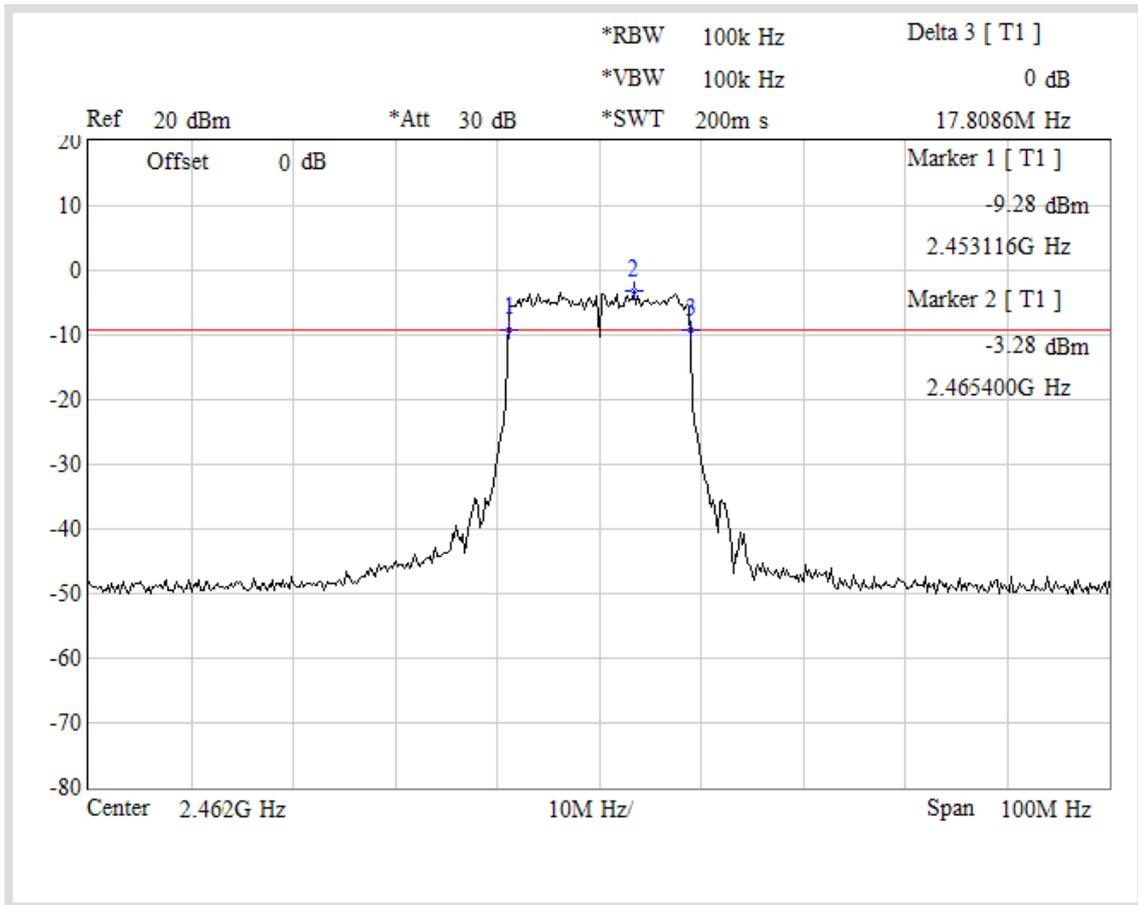
Channel 1



Channel 6



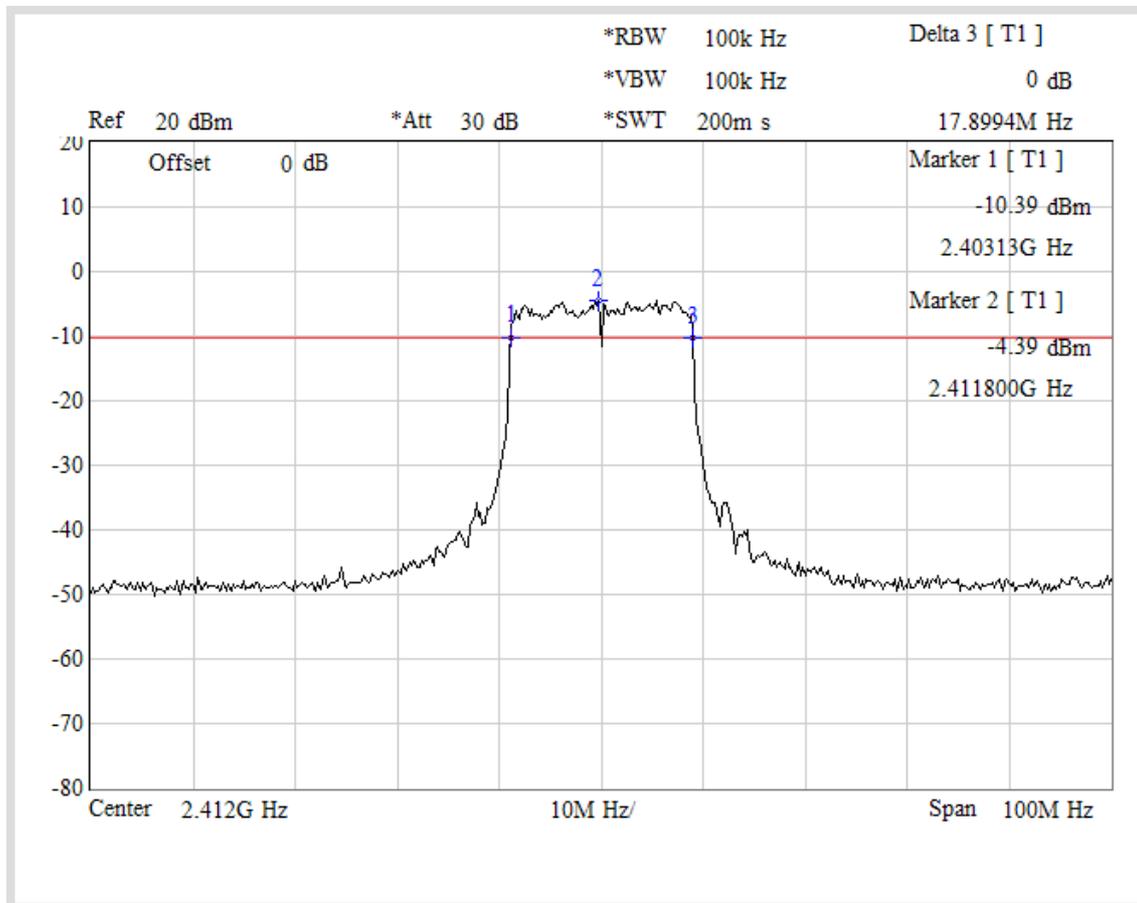
Channel 11



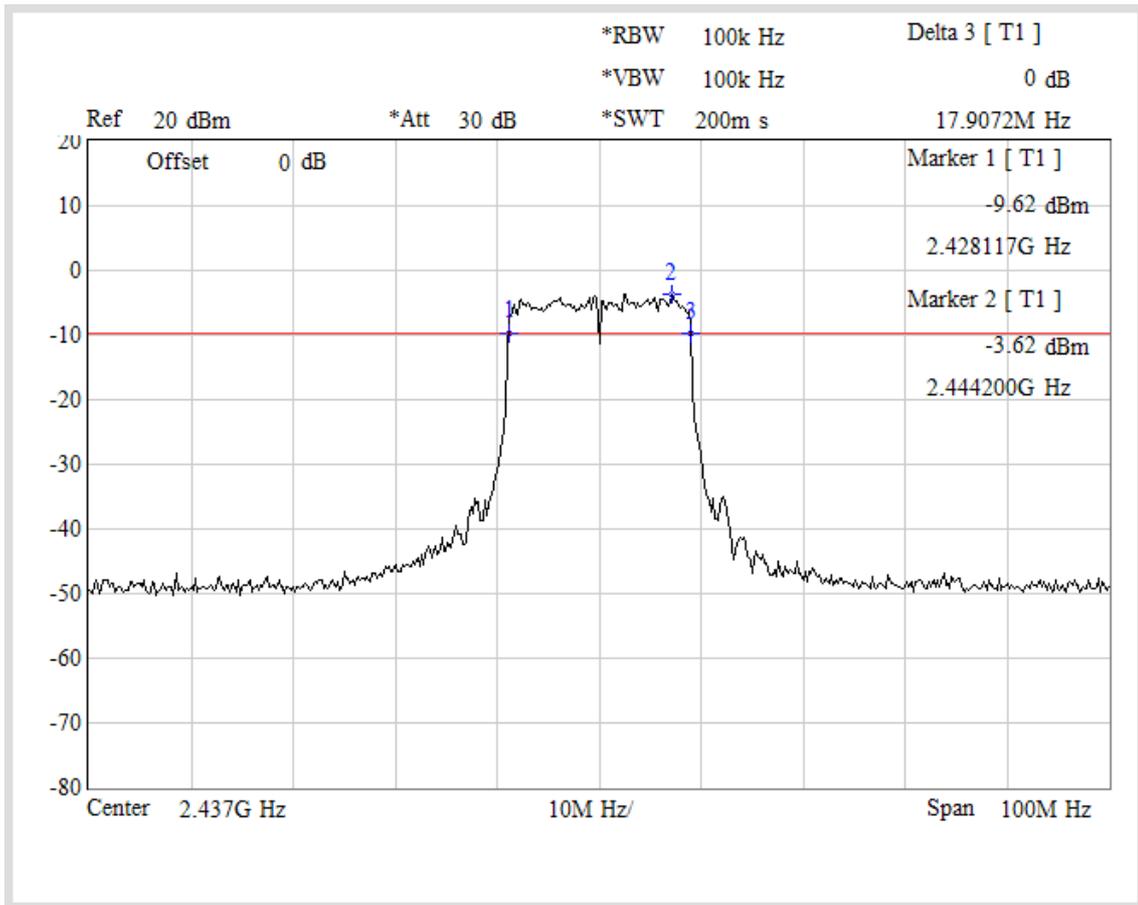
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n (ANT B (20MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	17899	--	Pass
6	2437.00	17907	--	Pass
11	2462.00	17816	--	Pass

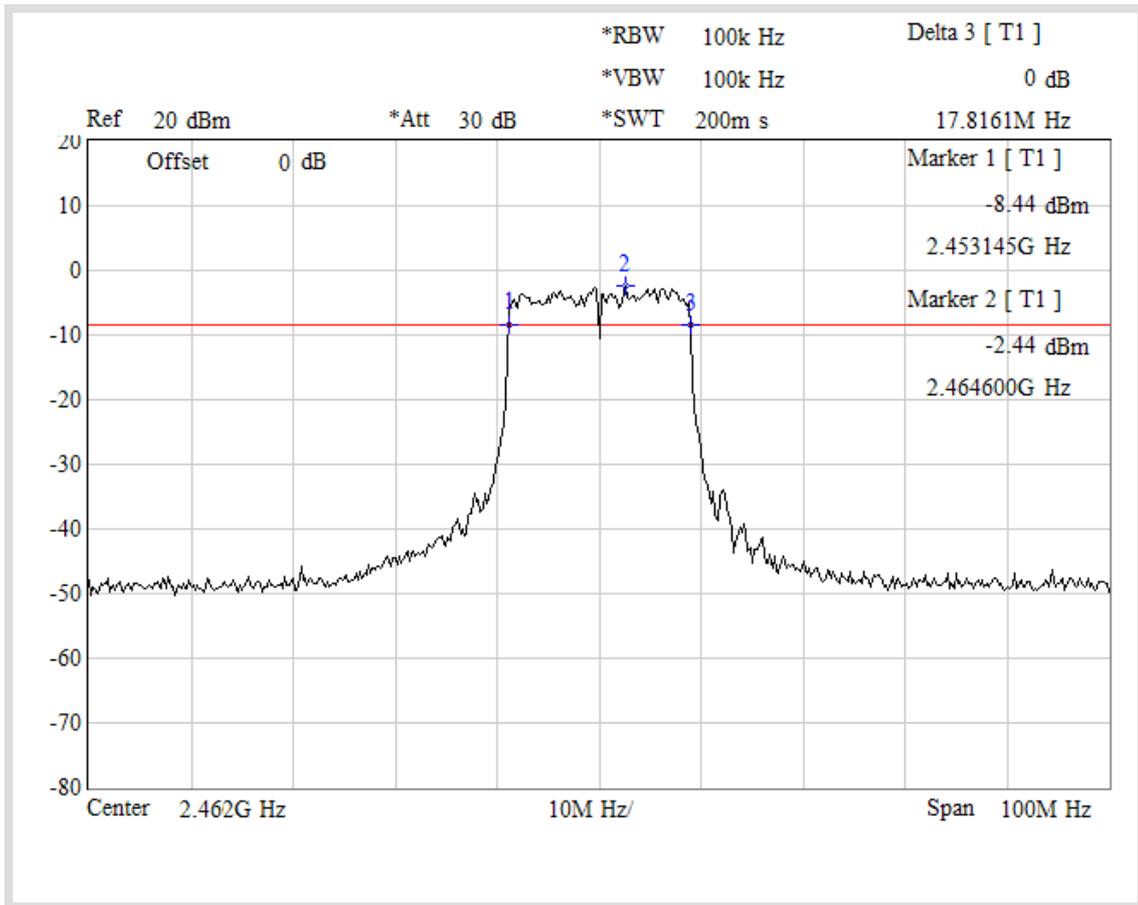
Channel 1



Channel 6



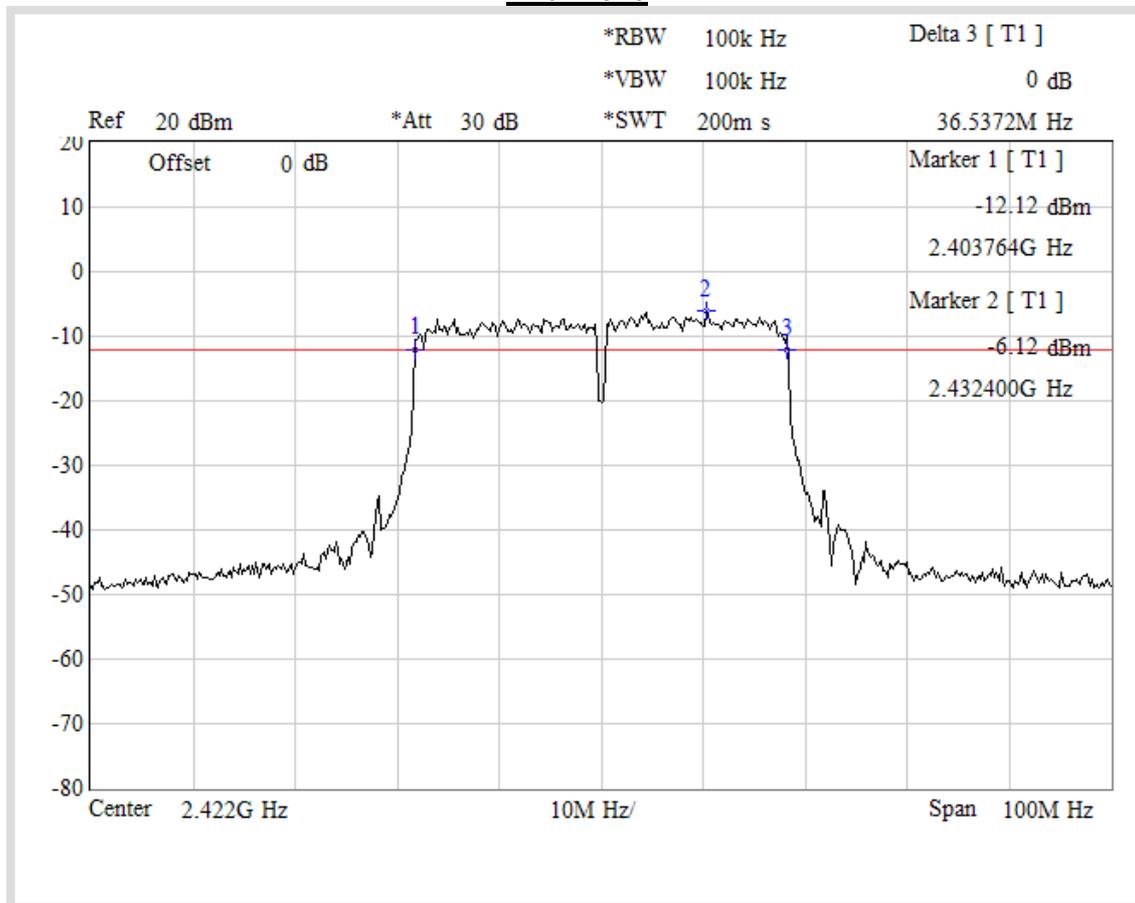
Channel 11



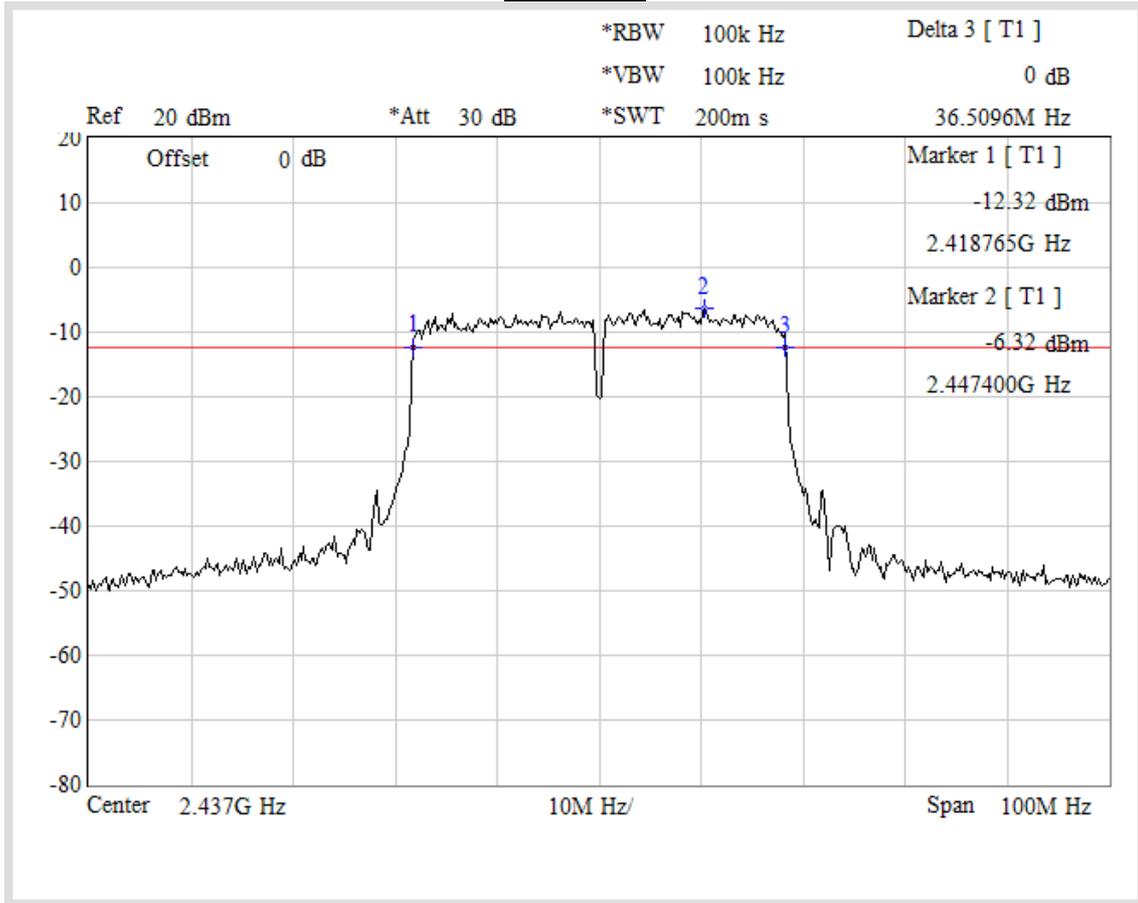
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n (ANT A (40MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36537.2	--	Pass
6	2437	36509.6	--	Pass
9	2452	36503.4	--	Pass

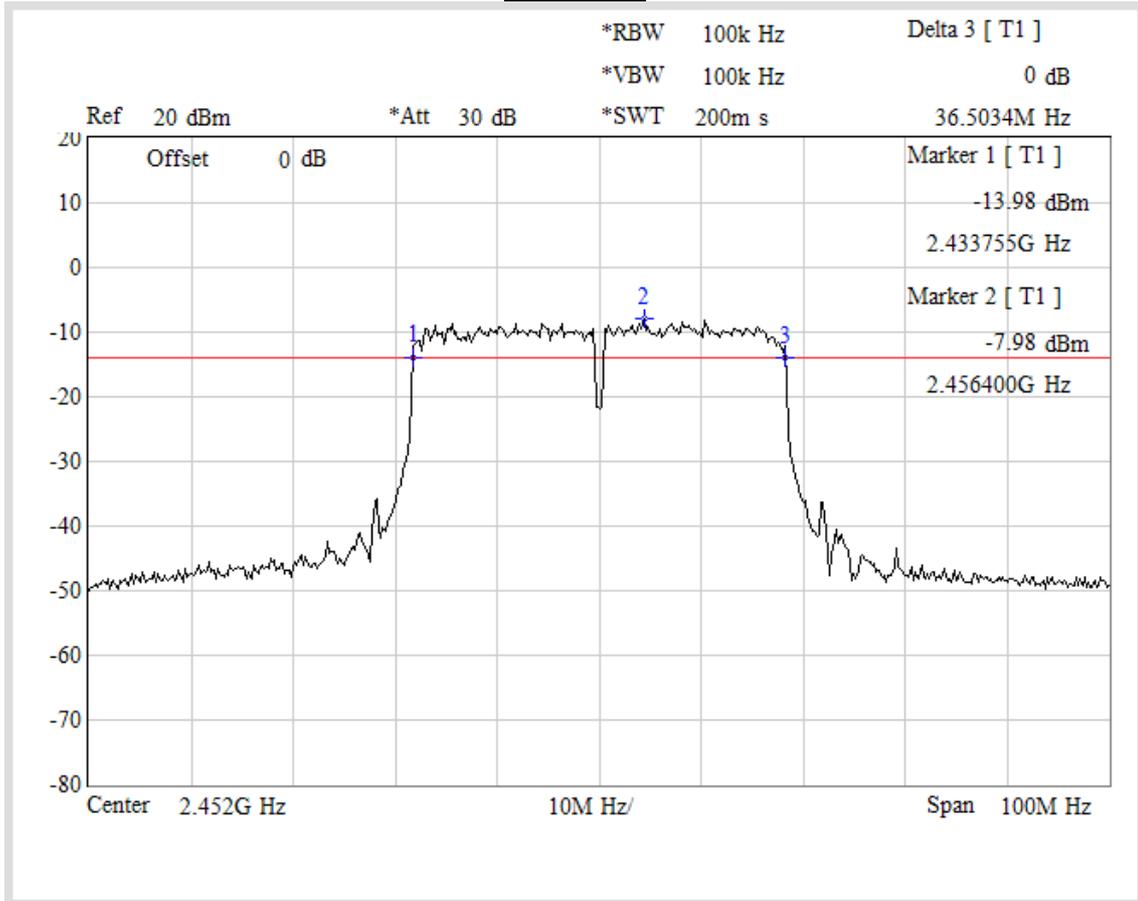
Channel 3



Channel 6



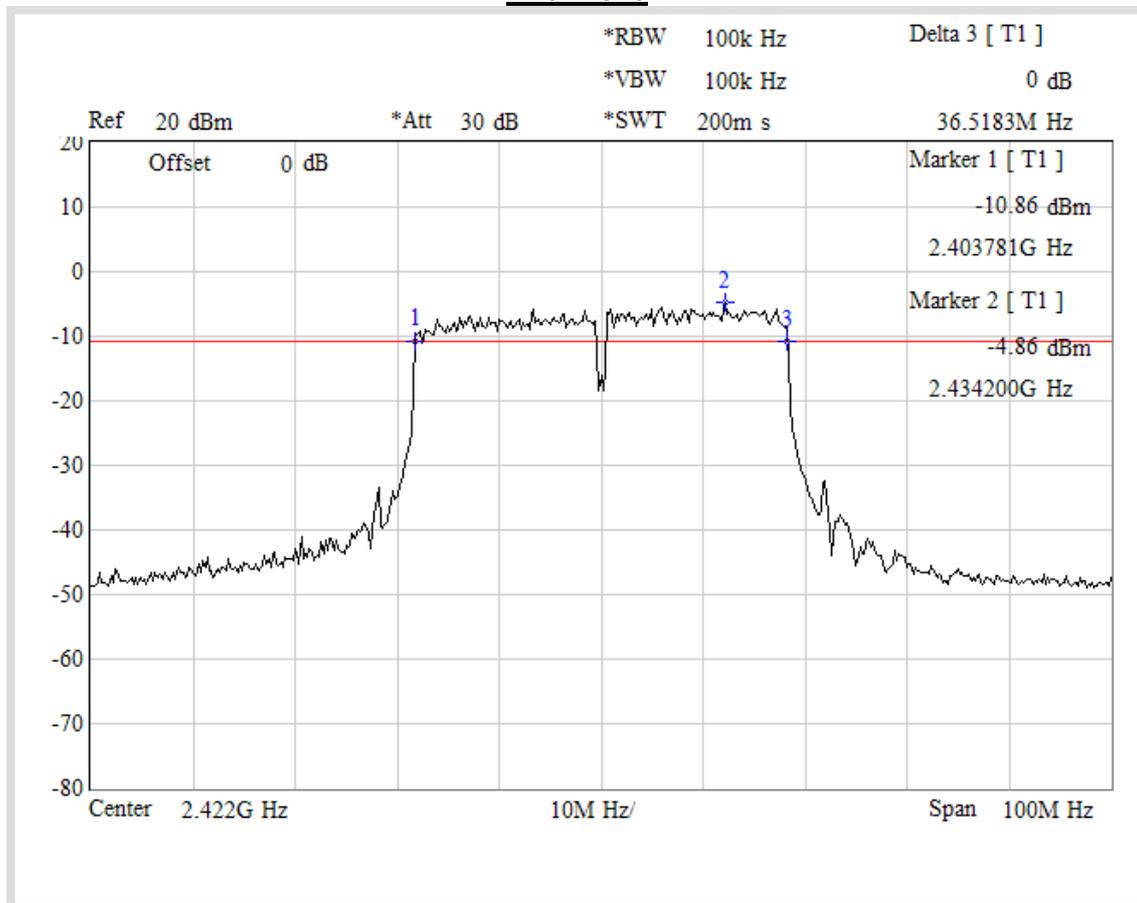
Channel 9



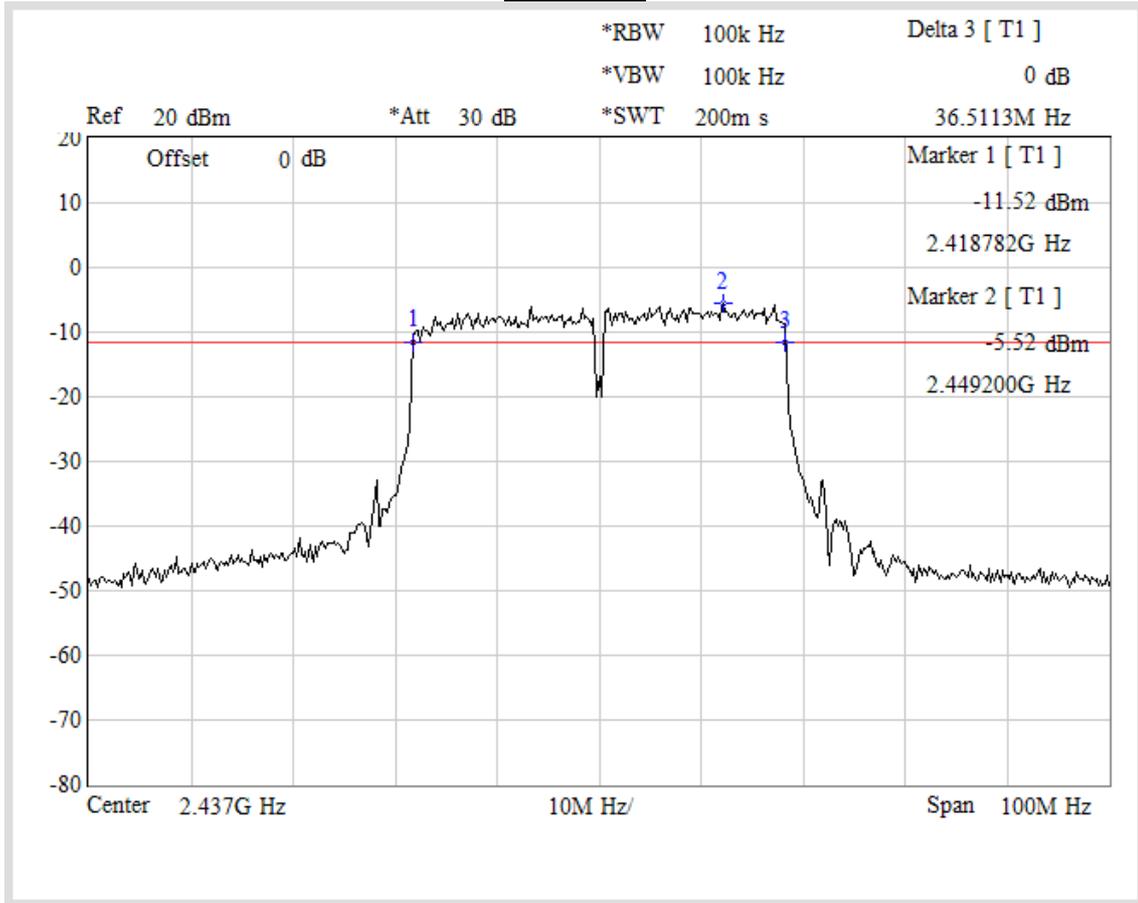
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n (ANT B (40MHz))				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36518.3	>500	Pass
6	2437	36511.3	>500	Pass
9	2452	36495.8	>500	Pass

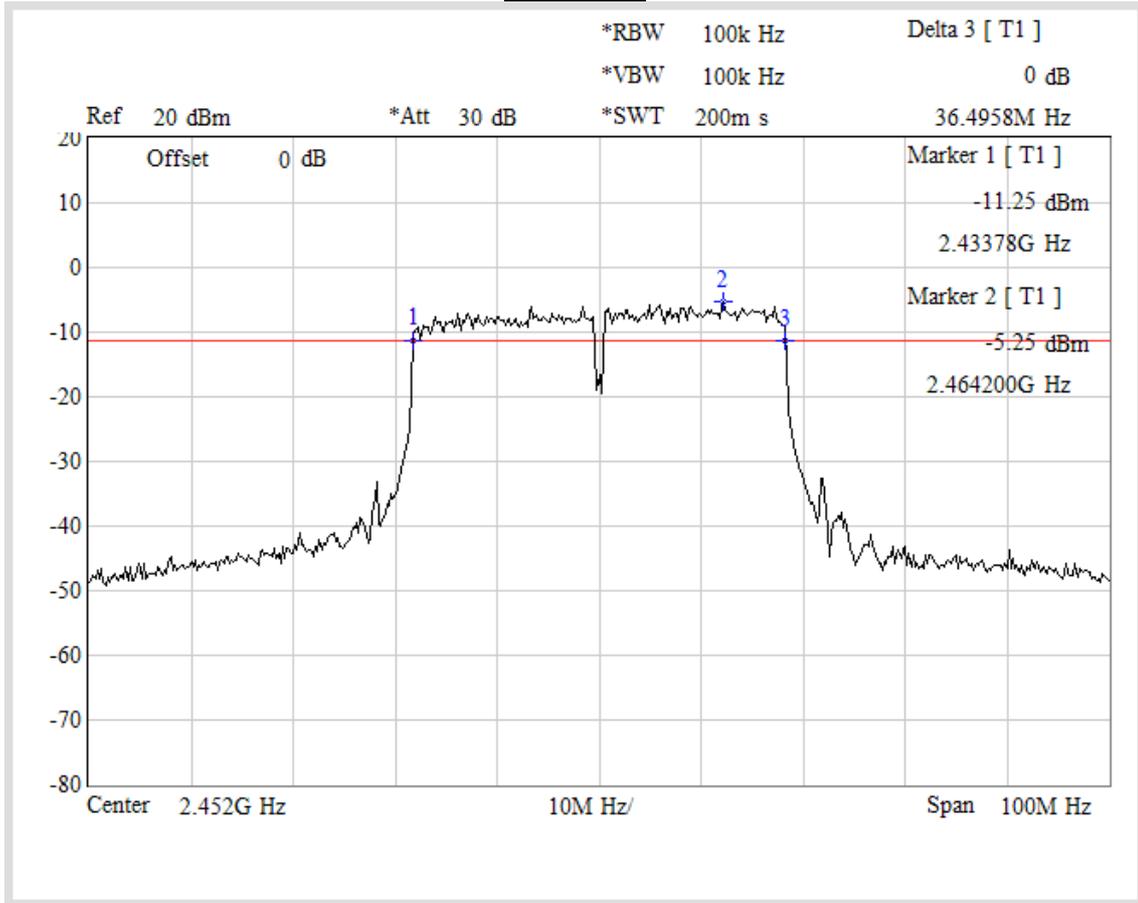
Channel 3



Channel 6



Channel 9



8. Power Density

8.1. Test Equipment

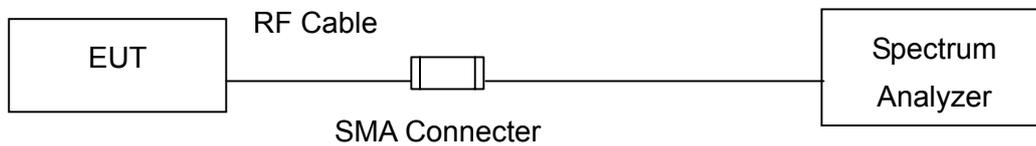
The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2008
2	No.1 OATS			Sep., 2007

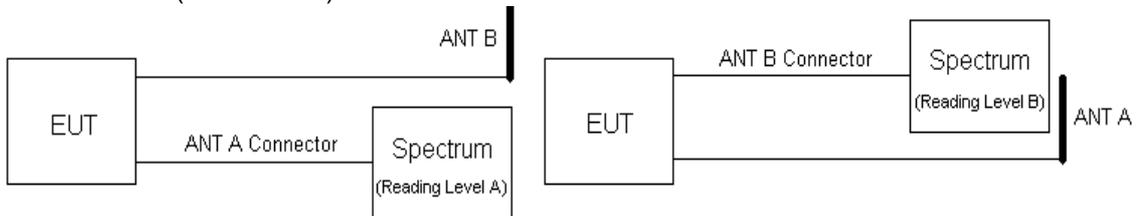
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup

IEEE 802.11 b / g MODE



IEEE 802.11n (20M / 40M) 2Tx 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, 2003; 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. Uncertainty

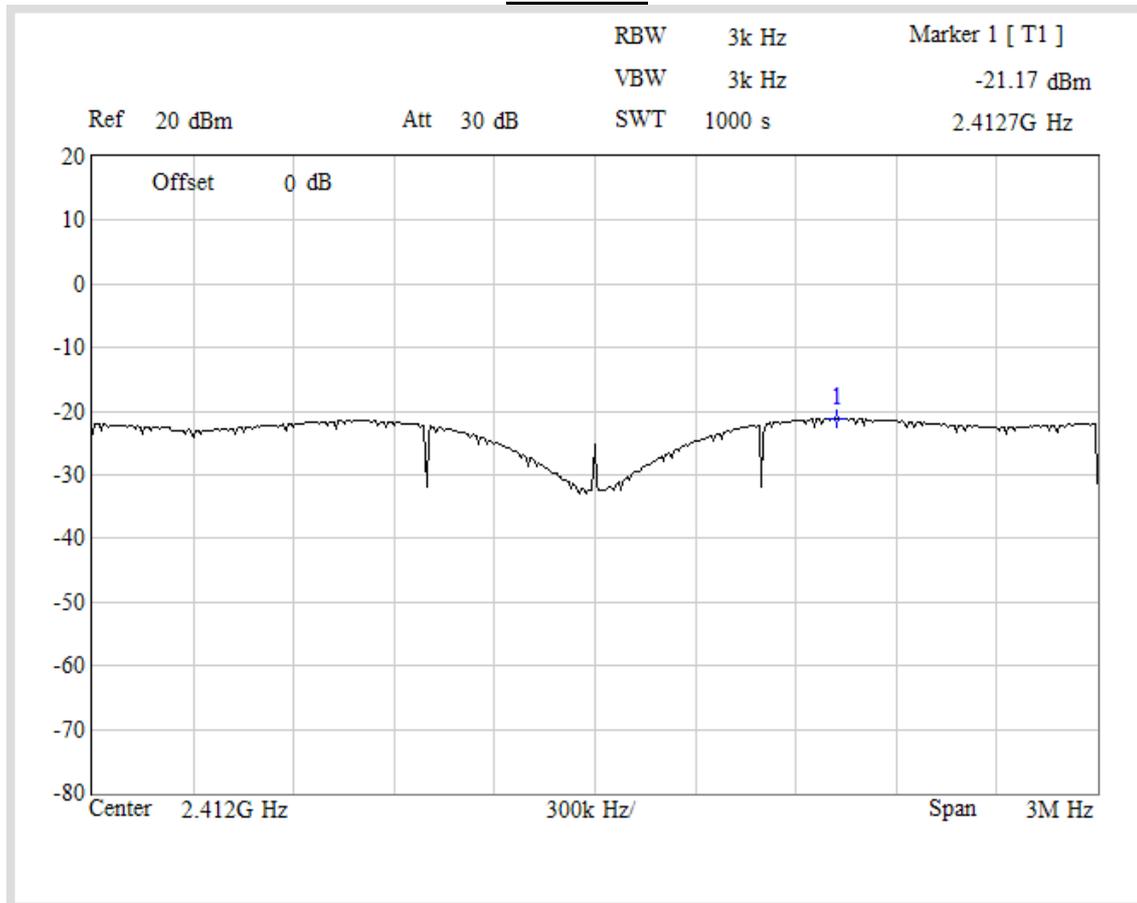
The measurement uncertainty is defined as ±1.27dB.

8.6. Test Result

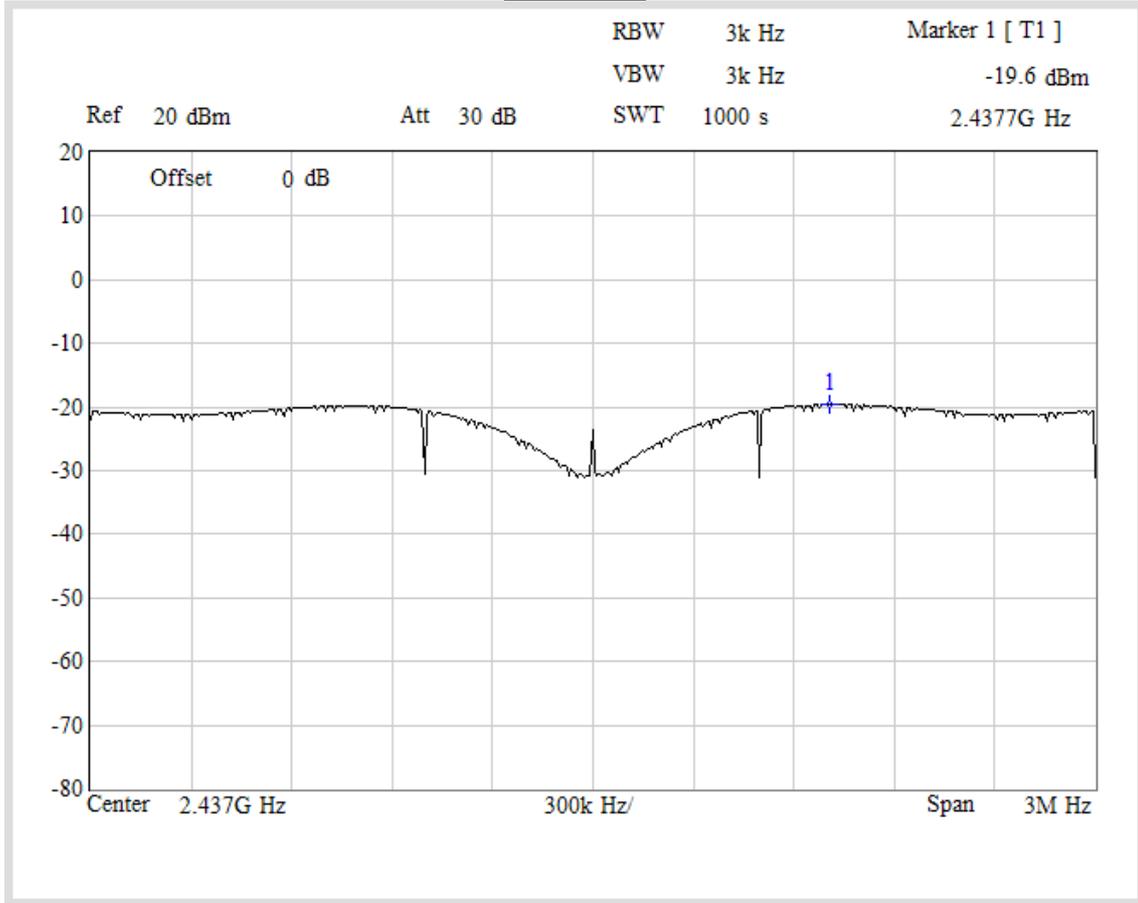
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-21.17	<8	Pass
6	2437	-19.60	<8	Pass
11	2462	-17.97	<8	Pass

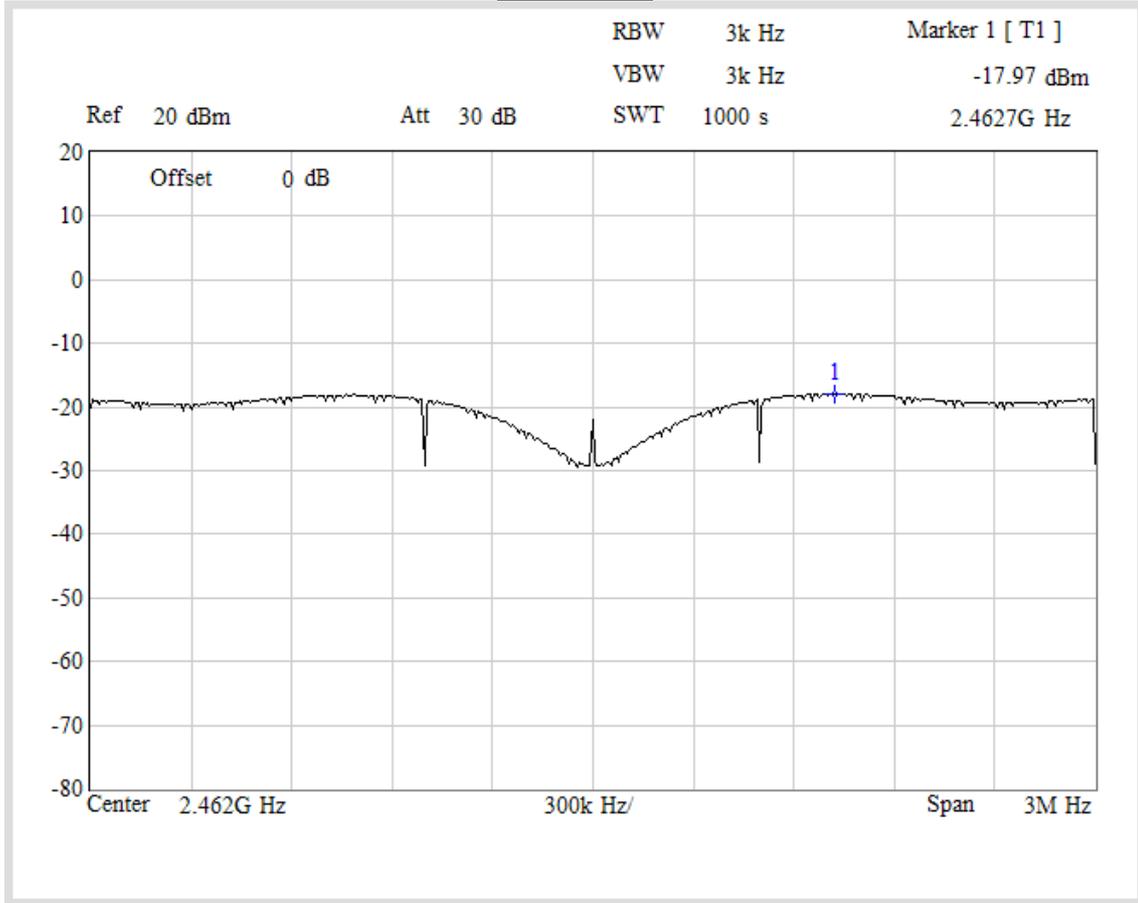
Channel 1



Channel 6



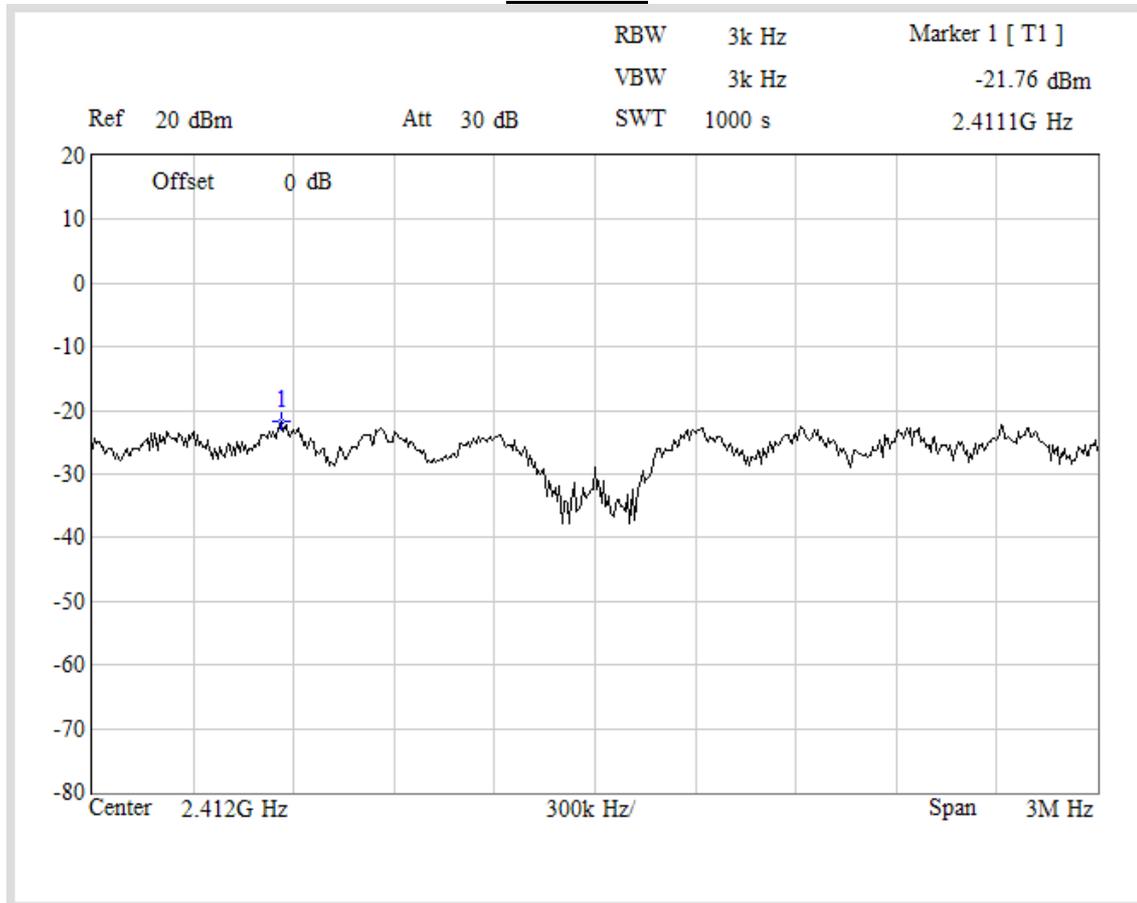
Channel 11



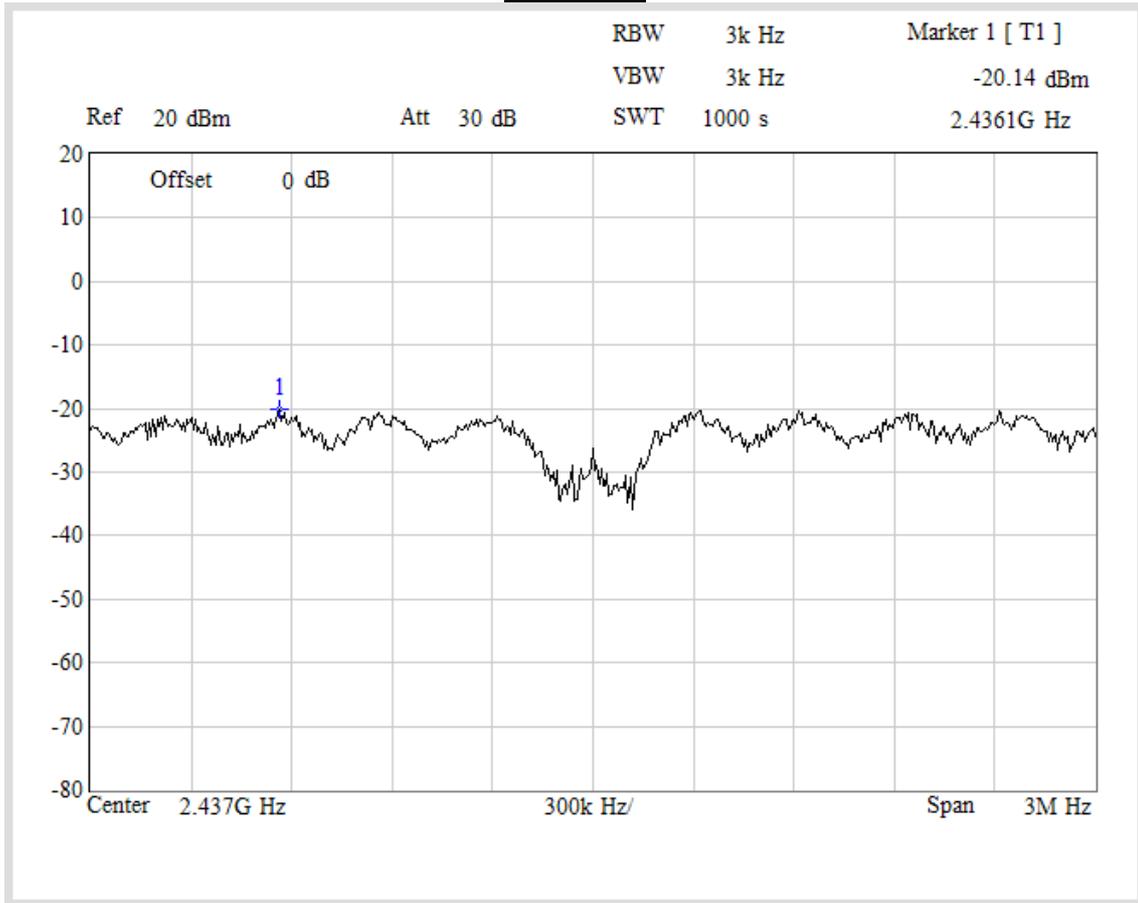
Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-21.76	<8	Pass
6	2437	-20.14	<8	Pass
11	2462	-18.04	<8	Pass

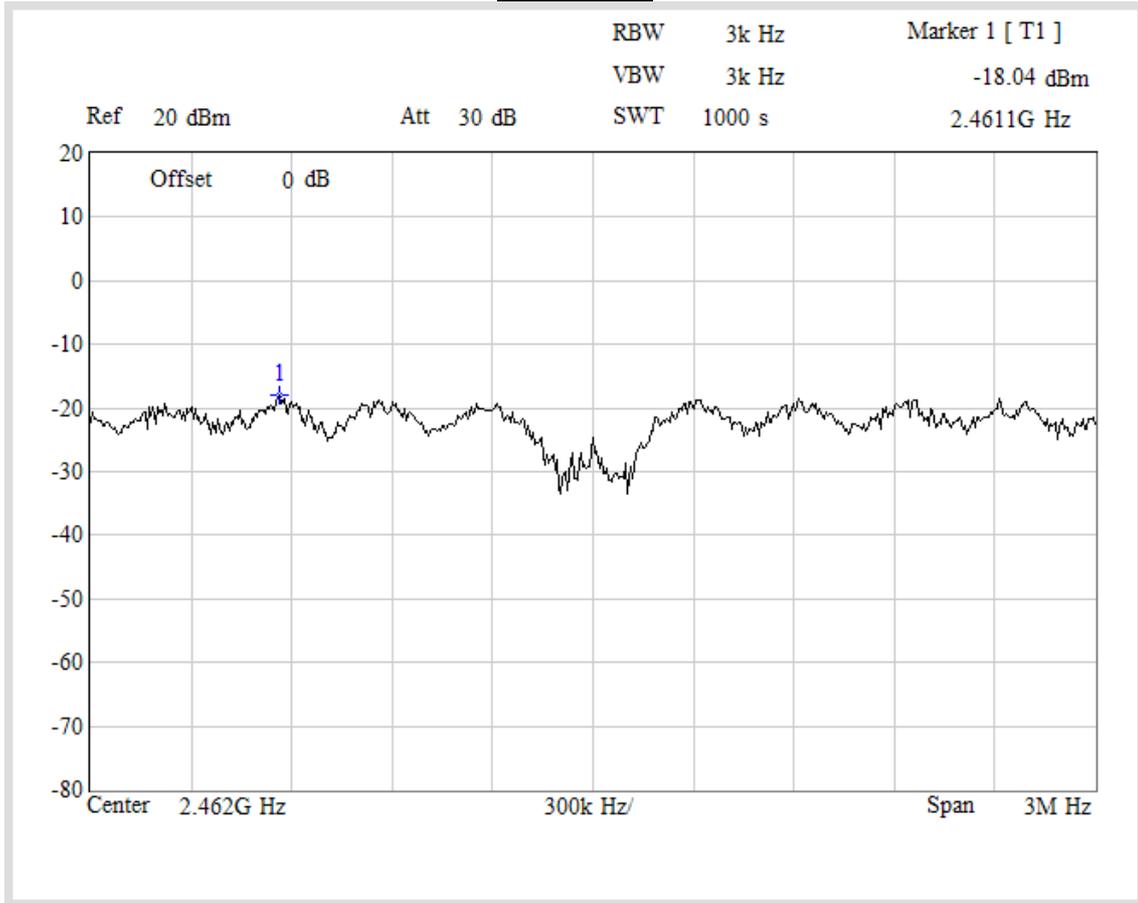
Channel 1



Channel 6



Channel 11



Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE802.11n MCS15 20MHz_2Tx; ANT A					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
1	2412.00	-19.09	0.0123	<8	Pass
6	2437.00	-18.83	0.0131	<8	Pass
11	2462.00	-18.70	0.0135	<8	Pass

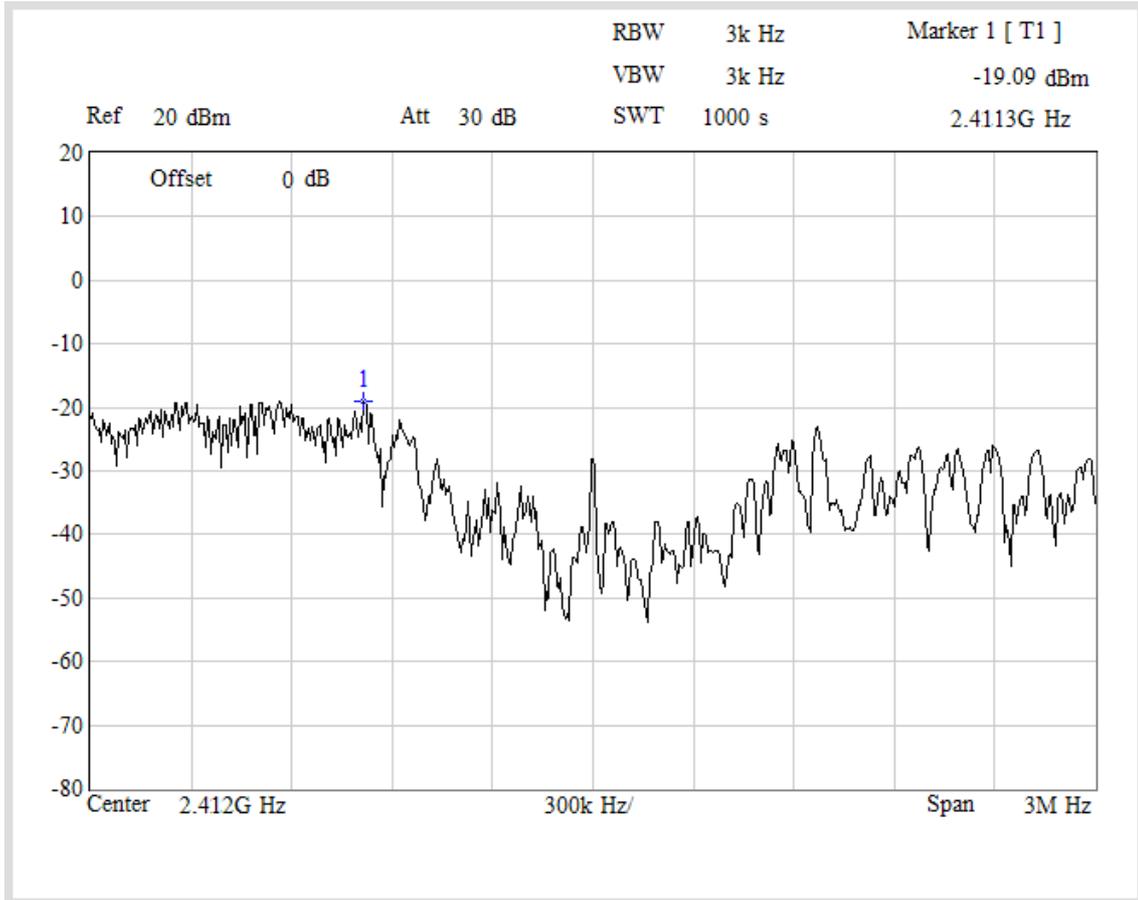
IEEE802.11n MCS15 20MHz_2Tx; ANT B					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
1	2412.00	-17.41	0.0182	<8	Pass
6	2437.00	-16.72	0.0213	<8	Pass
11	2462.00	-15.37	0.0290	<8	Pass

IEEE802.11n MCS15 20MHz_2Tx; ANT A + ANT B ; Note 1 & Note 2					
Channel No.	Frequency (MHz)	Measure Level		Limit(dBm)	Result
		(dBm)	(mW)		
1	2412	-15.16	0.0305	<8	Pass
6	2437	-14.63	0.0344	<8	Pass
11	2462	-13.72	0.0425	<8	Pass

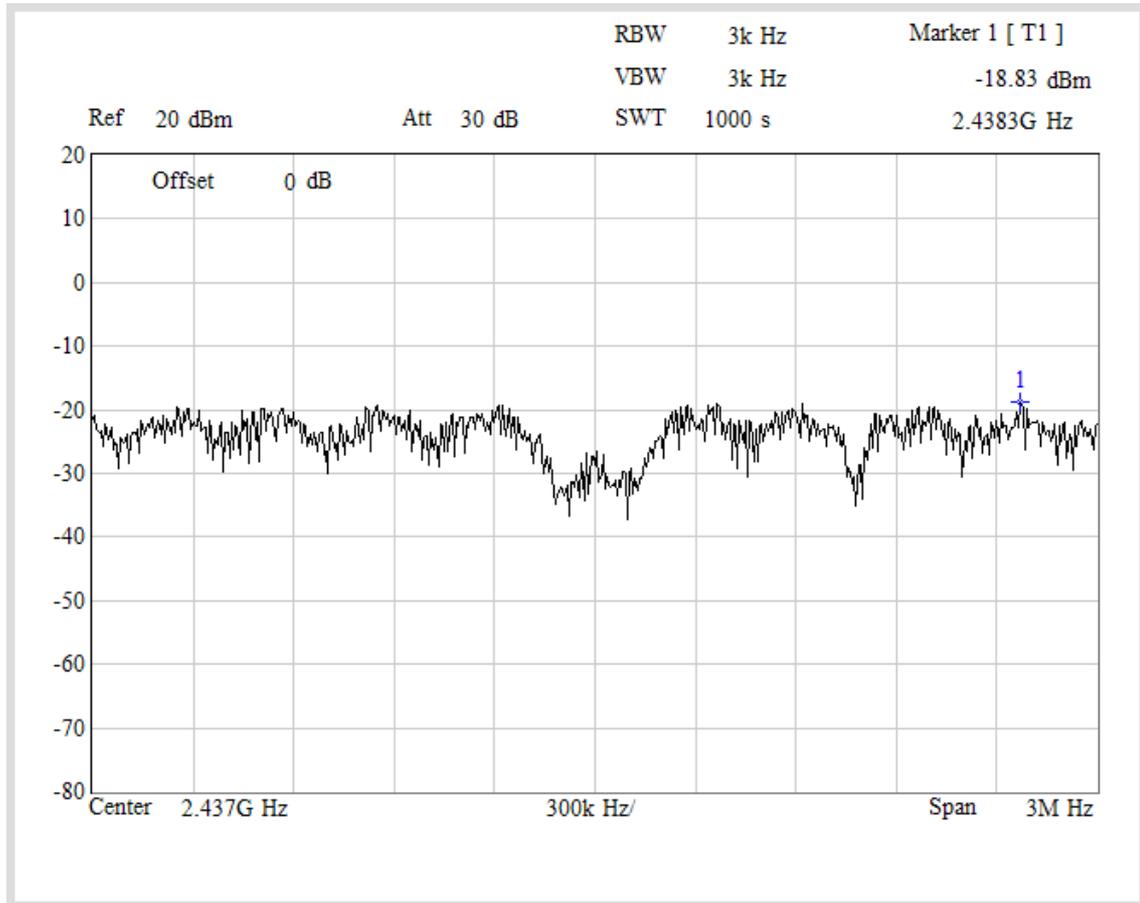
Note:

- 1.Measure Level (ANT A + ANT B)_mW = Measure Level ANT A _mW + Measure Level ANT B _mW
- 2.Measure Level (ANT A + ANT B)_dBm=10Log [Measure Level (ANT A + ANT B)_mW]

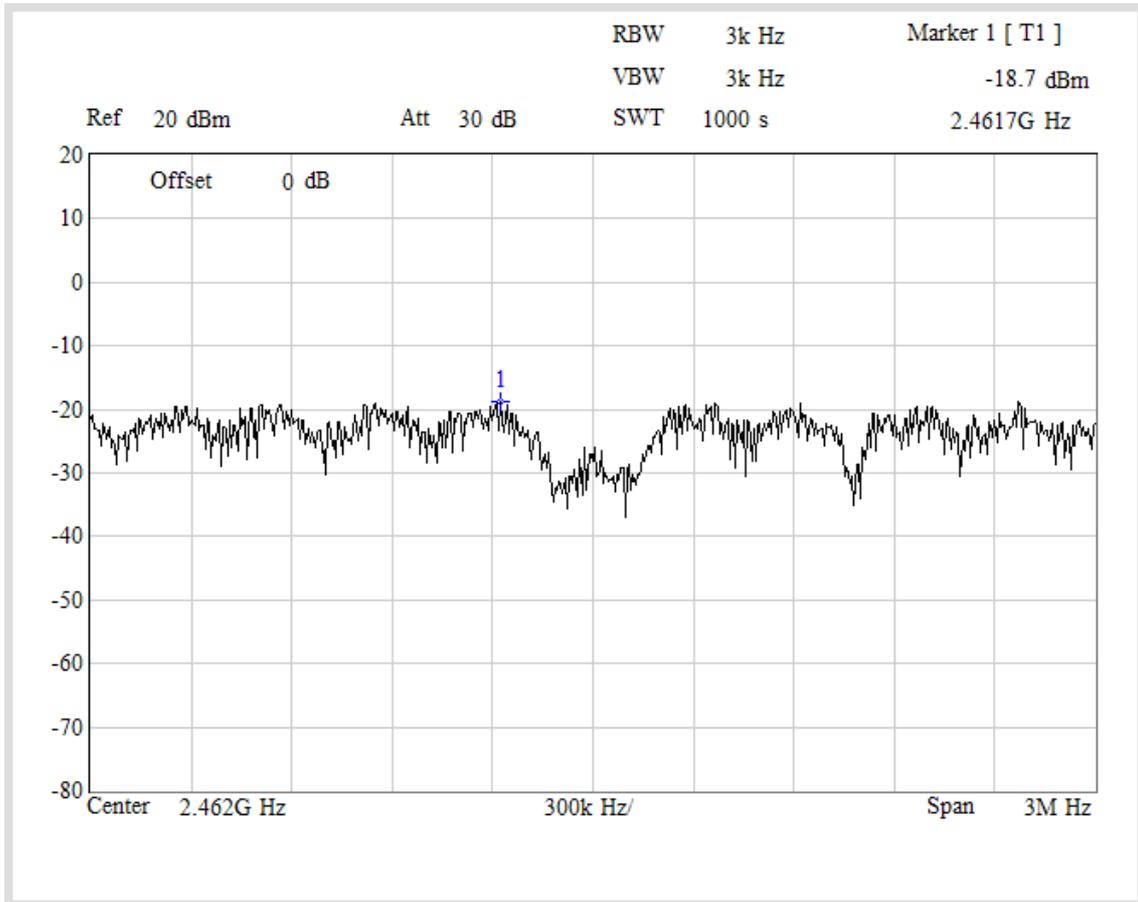
IEEE802.11n MCS15 20MHz_2Tx; ANT A
Channel 1



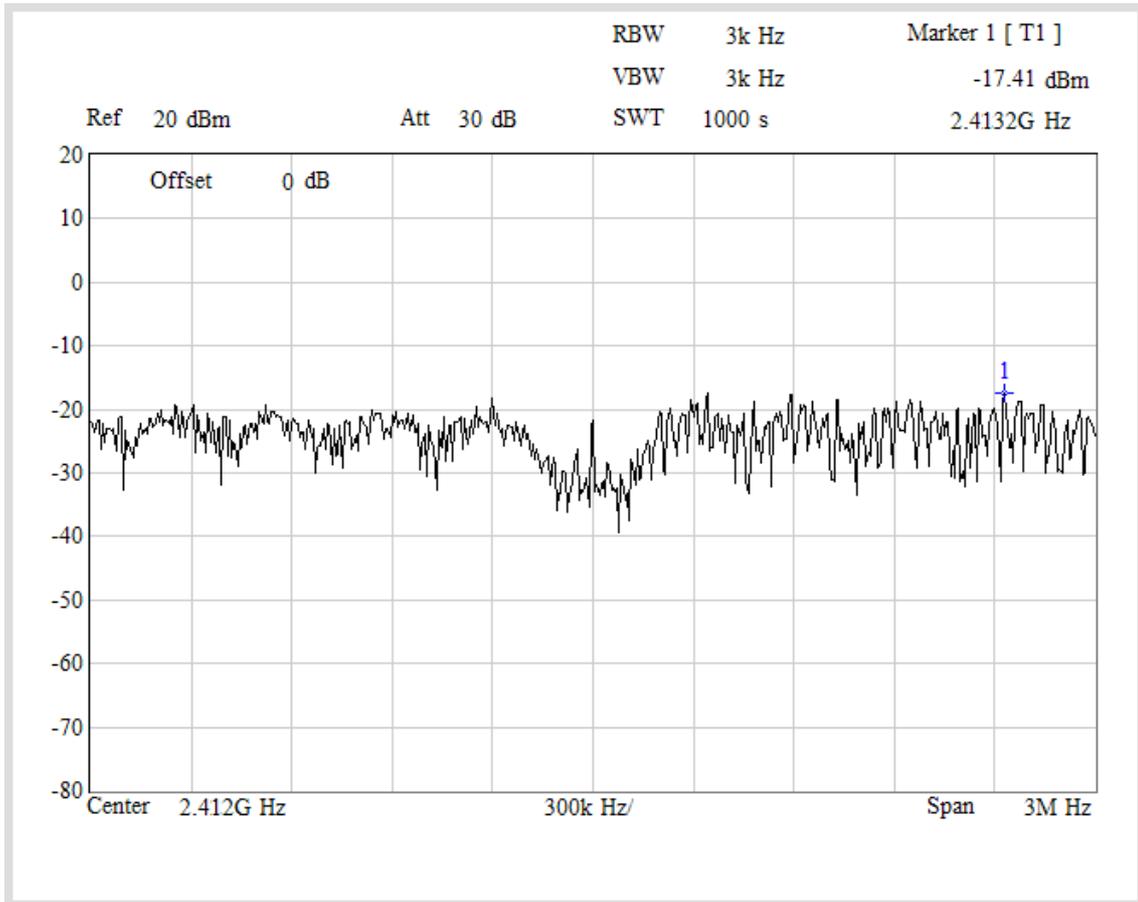
IEEE802.11n MCS15 20MHz_2Tx; ANT A
Channel 6



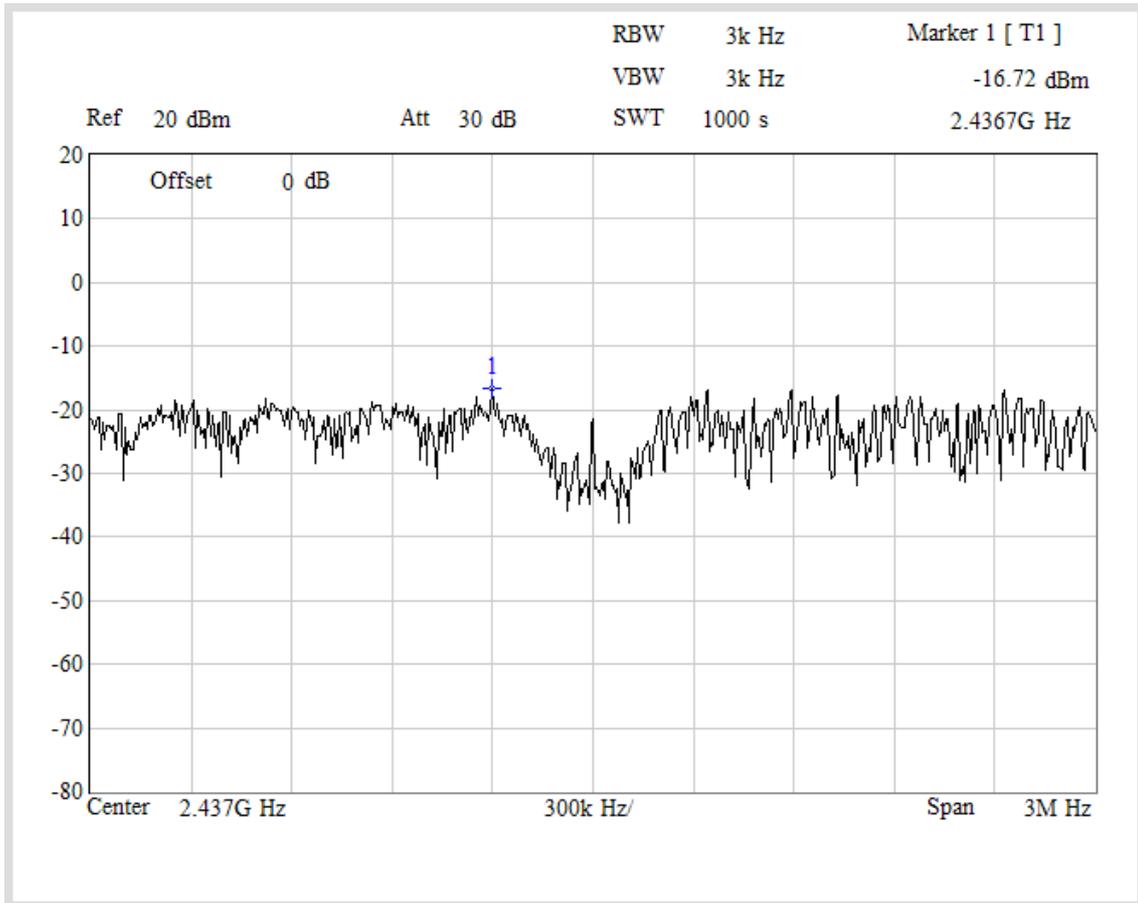
IEEE802.11n MCS15 20MHz_2Tx; ANT A
Channel 11



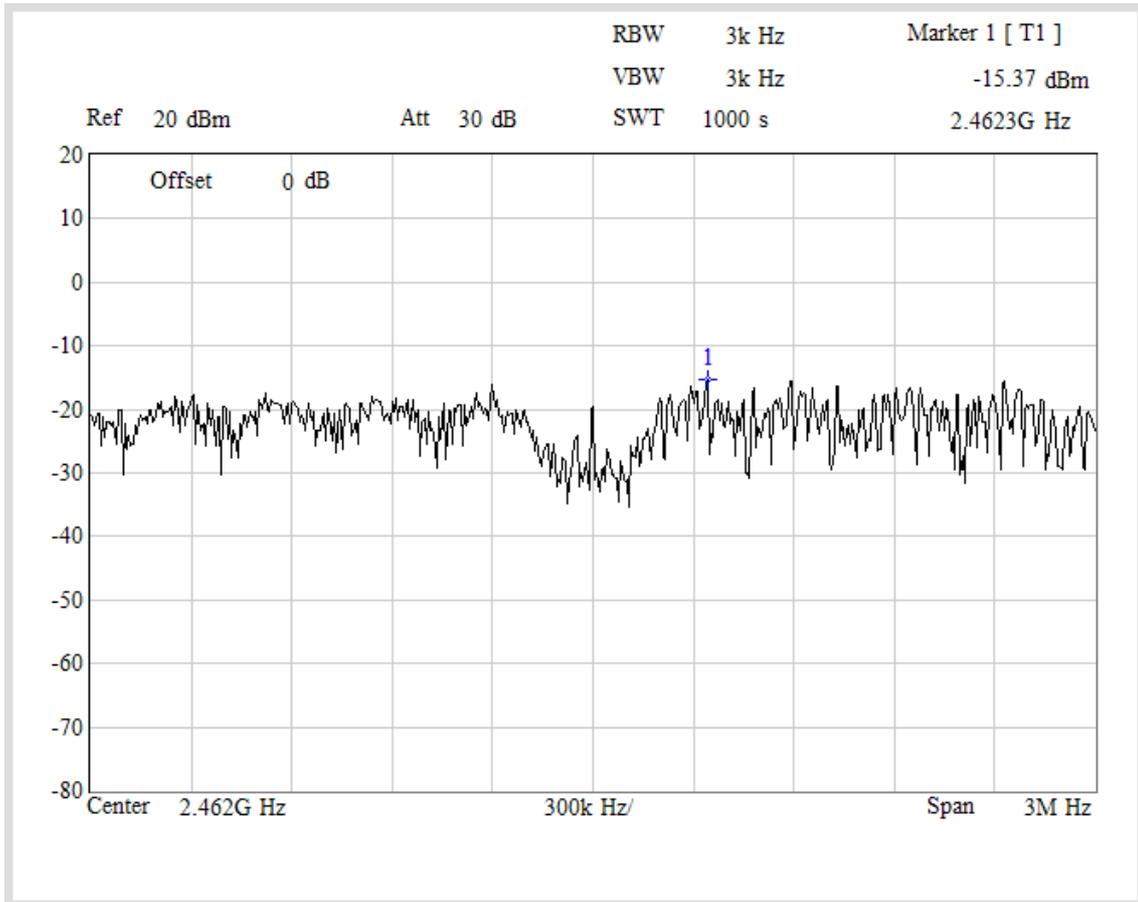
IEEE802.11n MCS15 20MHz_2Tx; ANT B
Channel 1



IEEE802.11n MCS15 20MHz_2Tx; ANT B
Channel 6



IEEE802.11n MCS15 20MHz_2Tx; ANT B
Channel 11



Product	ASUS SuperSpeedN Gigabit Wireless Router		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2008/04/27	Test Site	No.1 OATS

IEEE 802.11n MCS15 40MHz_2Tx ; ANT A					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
3	2422	-20.73	0.0085	<8	Pass
6	2437	-19.83	0.0104	<8	Pass
9	2452	-19.84	0.0104	<8	Pass

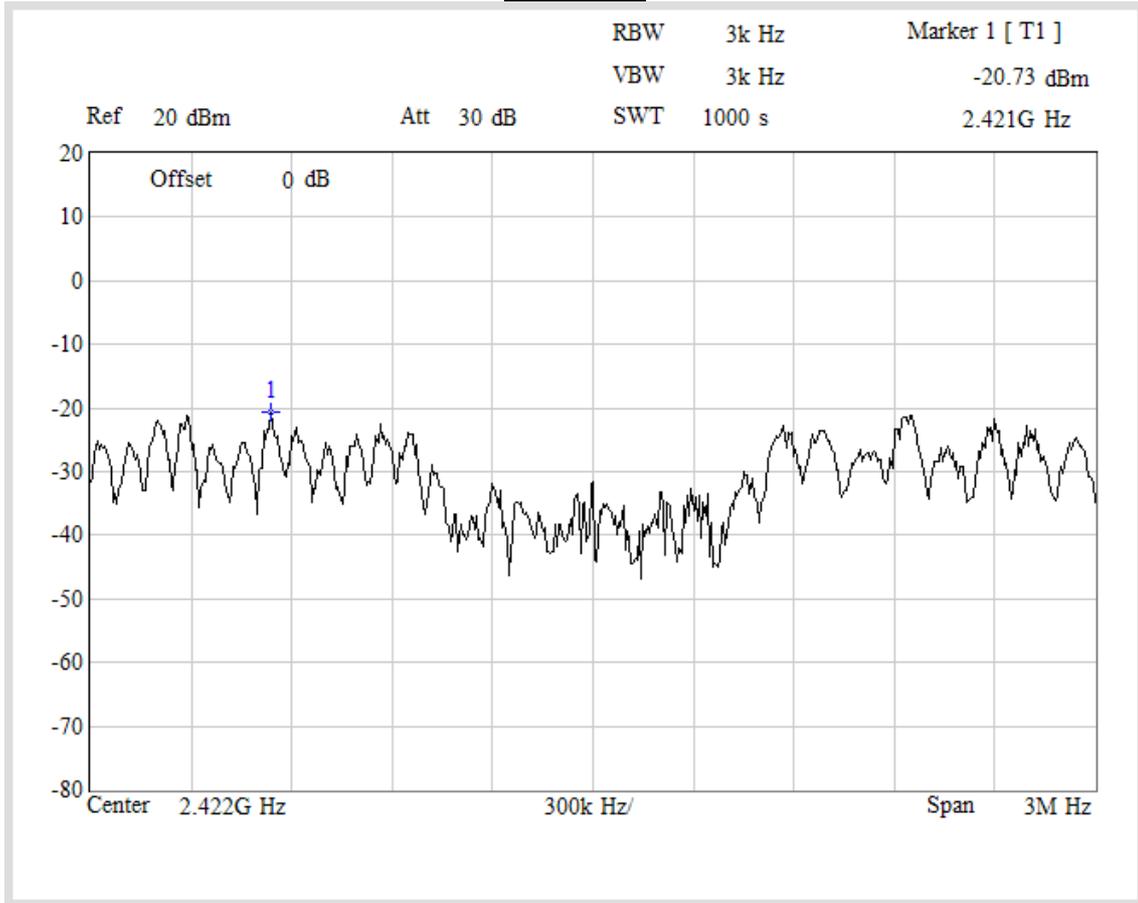
IEEE 802.11n MCS15 40MHz_2Tx ; ANT B					
Channel No.	Frequency (MHz)	Measure Level		Limit (dBm)	Result
		(dBm)	(mW)		
3	2422	-20.38	0.0083	<8	Pass
6	2437	-19.84	0.0104	<8	Pass
9	2452	-19.16	0.0121	<8	Pass

IEEE802.11n ;MCS15 40MHz_2Tx ; ANT A + ANT B					
Channel No.	Frequency (MHz)	Measure Level		Limit(dBm)	Result
		(dBm)	(mW)		
3	2422	-17.75	0.0168	<8	Pass
6	2437	-16.82	0.0208	<8	Pass
9	2452	-16.48	0.0225	<8	Pass

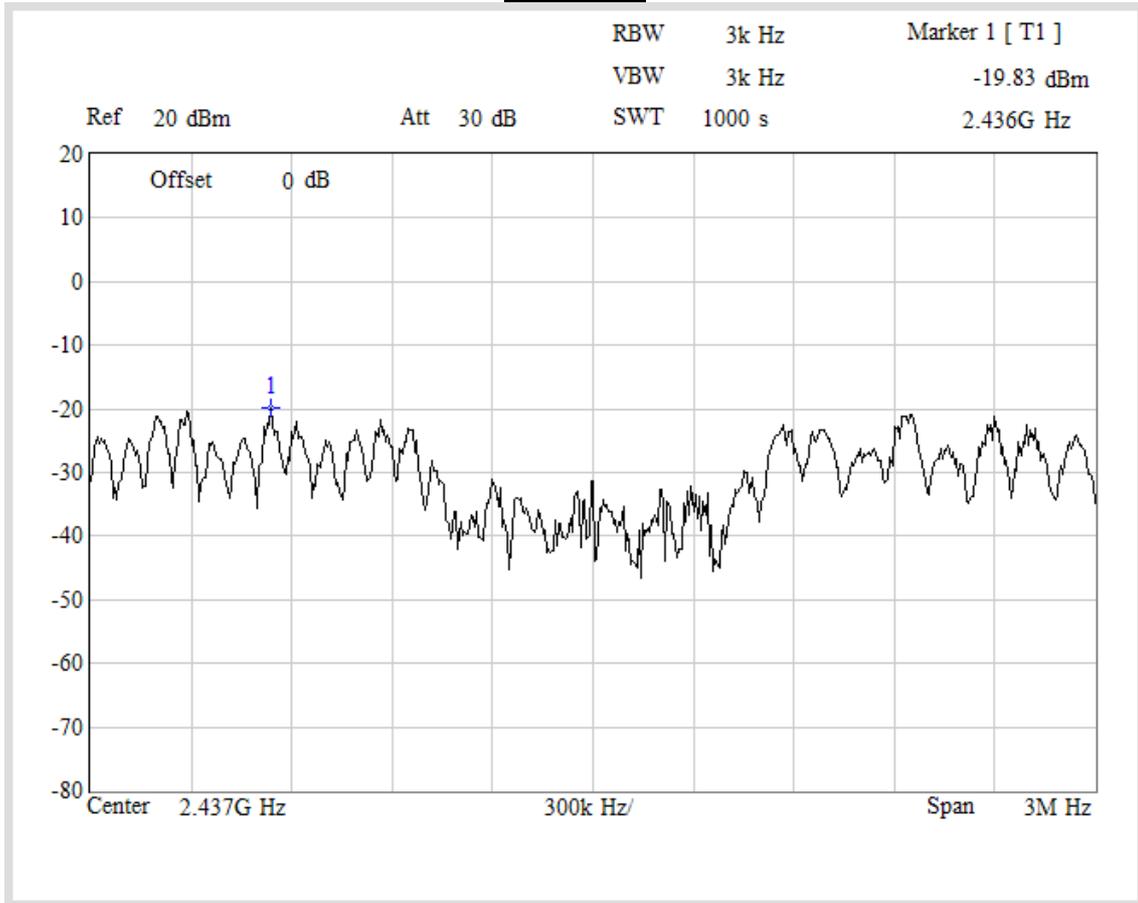
Note:

- 1.Measure Level (ANT A + ANT B)_mW = Measure Level ANT A _mW + Measure Level ANT B_mW
- 2.Measure Level (ANT A + ANT B)_dBm=10Log [Measure Level (ANT A + ANT B)_mW]

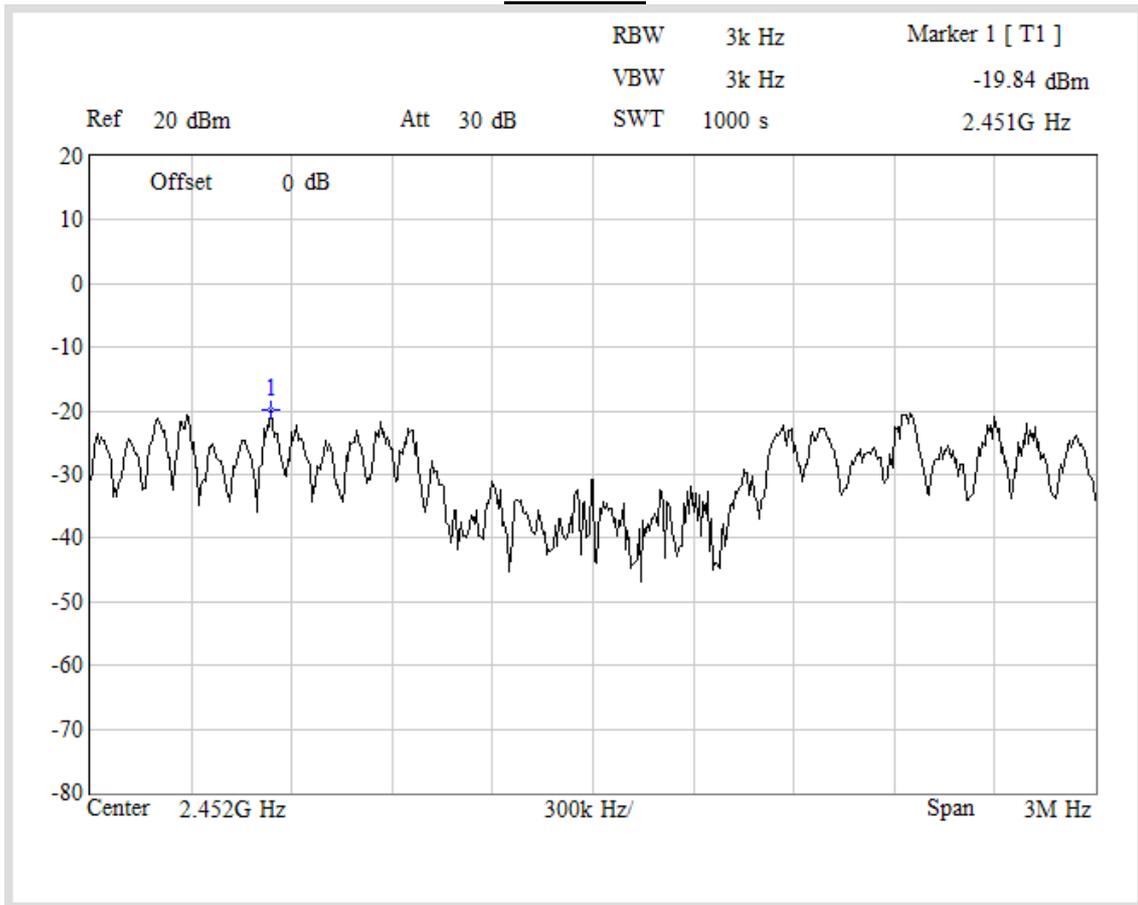
IEEE 802.11n MCS15 40MHz_2Tx ; ANT A
Channel 3



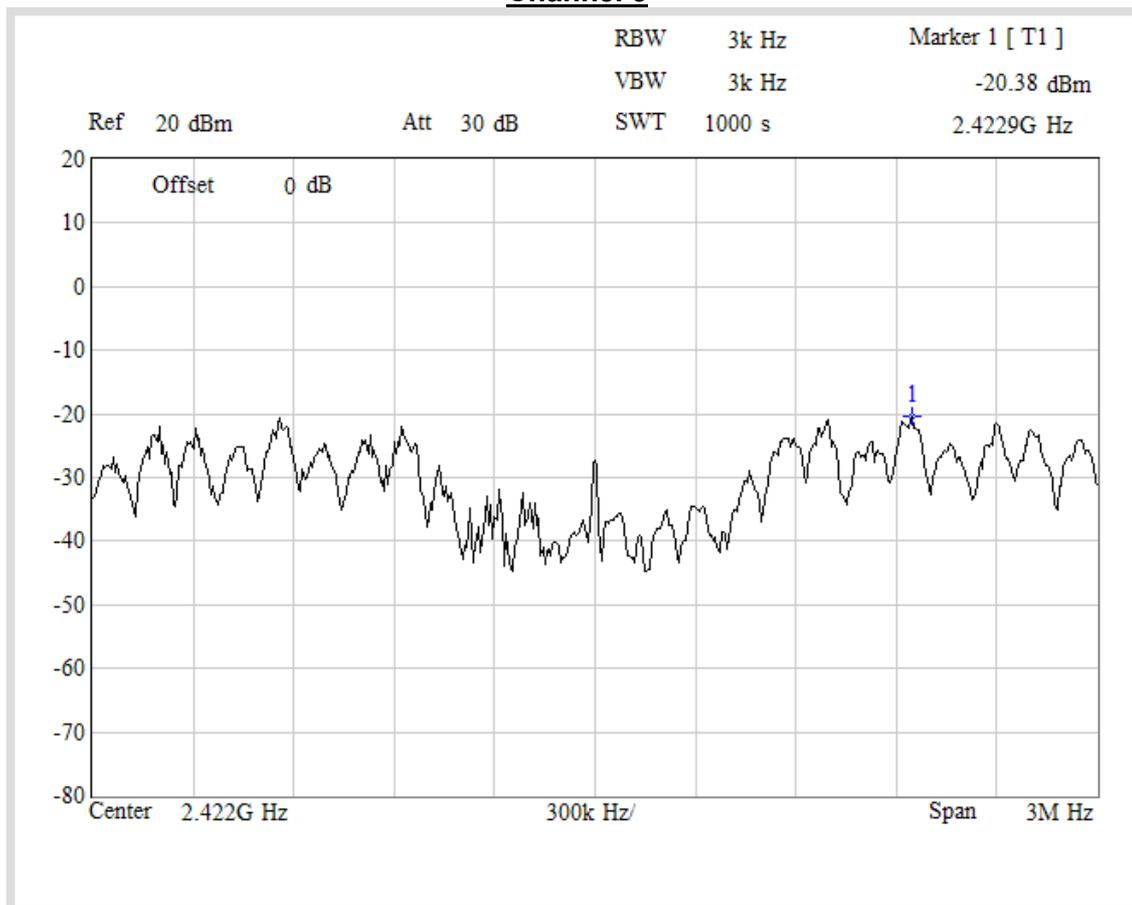
IEEE 802.11n MCS15 40MHz_2Tx ; ANT A
Channel 6



IEEE 802.11n MCS15 40MHz_2Tx ; ANT A
Channel 9



IEEE 802.11n MCS15 40MHz_2Tx ; ANT B
Channel 3



IEEE 802.11n MCS15 40MHz_2Tx ; ANT B
Channel 6

