Test Report

Product Name ： Dual-band Wireless-N750 Gigabit Router

Model No. ： RT-N65U

FCC ID. ： MSQ-RTN65U

Applicant ： ASUSTeK COMPUTER INC.

Address ： No. 15, Li-Te Rd., Peitou, Taipei 112, Taiwan R.O.C.

Date of Receipt ： 2012/04/16

Issued Date ： 2012/05/23

Report No. ： 124335R-RFUSP42V01

Report Version ： V1.0

Test Report Certification

Issued Date : 2012/05/23
Report No. : 124335R-RFUSP42V01

QuieTek

Product Name	:	Dual-band Wireless-N750 Gigabit Router
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	No. 15, Li-Te Rd., Peitou, Taipei 112, Taiwan R.O.C.
Manufacturer	:	Askey Technology (Jiangsu) LTD.
Model No.	:	RT-N65U
FCC ID.	:	MSQ-RTN65U
EUT Voltage	:	AC 100-240V, 50-60Hz
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2011 ANSI C63.4: 2009
Test Result	:	Complied

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

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(Chris Liu / Assistant Engineer)

Approved By : Roy Wang
(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

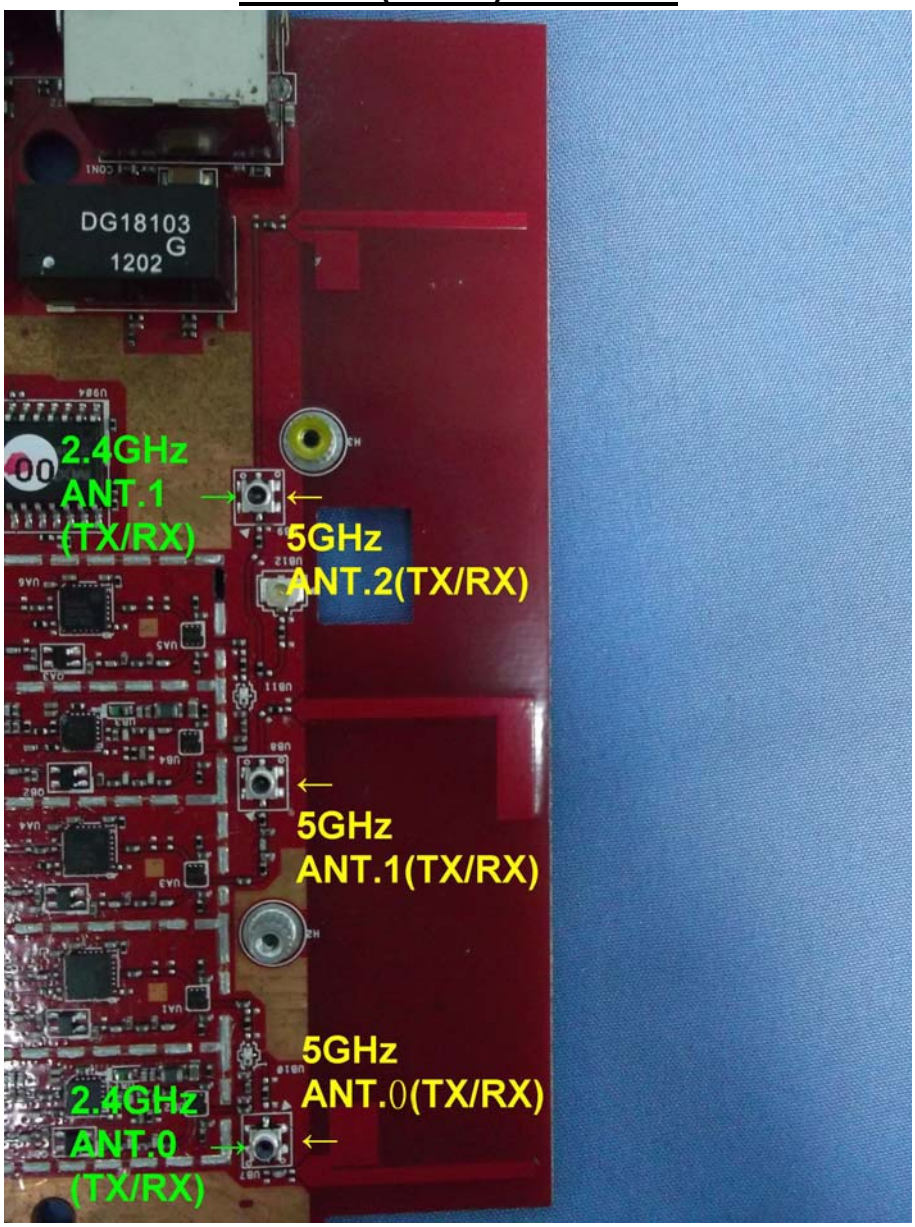
Product Name	Dual-band Wireless-N750 Gigabit Router
Product Type	WLAN(for 2.4GHz: 2TX,3RX; for 5GHz: 3TX, 3RX)
Trade Name	ASUS
Model No.	RT-N65U
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz
Frequency Range- IEEE 802.11n (40MHz) _2.4GHz	2422~2452MHz
Frequency Range -IEEE 802.11a & IEEE 802.11n (20MHz)_5.8GHz	5745~5825MHz
Frequency Range- IEEE 802.11n (40MHz) _5.8GHz	5755~5795MHz
Channel Number - IEEE 802.11b/g & IEEE 802.11n (20MHz) _2.4GHz	11
Channel Number- IEEE 802.11n (40MHz) _2.4GHz	7
Channel Number - IEEE 802.11a & IEEE 802.11n (20MHz) _5.8GHz	5
Channel Number - IEEE 802.11n (40MHz) _5.8GHz	2
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11a/g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11a/g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 23 and bandwidth defined in 802.11n
Antenna Gain	4.74dBi (2.4GHz); 5.59dBi (5GHz)
Channel Control	AUTO/Manual
Antenna Type	Internal PCB Antenna

Component	
LAN Cable	Non-Shielded, 1.5m
Power Adapter	ASUS, AD82030 I/P : AC 100-240V, 50-60Hz 0.8A O/P : +19V⎓1.58A Cable Out: Non-Shielded, 1.5m, one ferrite core bonded.
Power Adapter	ASUS, EXA1004UH I/P : AC 100-240V, 50-60Hz 1A O/P : +19V⎓1.58A Cable Out: Non-shielded, 1.5m, one ferrite core bonded.

ANT-TX / Rx & Bandwidth

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

ANT 0/1/2 (TX / RX)- DG36003 G



IEEE 802.11n

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

Table 1 – MCS parameters for TX Antenna number = 1

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

Table 2 – MCS parameters for TX Antenna number = 2

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
16	BPSK	1/2	1	156	324	78	162	19.5	40.5	21.7	45.0
17	QPSK	1/2	2	312	648	156	324	39.0	81.0	43.3	90.0
18	QPSK	3/4	2	312	648	234	486	58.5	121.5	65.0	135.0
19	16-QAM	1/2	4	624	1296	312	648	78.0	162.0	86.7	180.0
20	16-QAM	3/4	4	624	1296	468	972	117.0	243.0	130.0	270.0
21	64-QAM	2/3	6	936	1944	624	1296	156.0	324.0	173.3	360.0
22	64-QAM	3/4	6	936	1944	702	1458	175.5	364.5	195.0	405.0
23	64-QAM	5/6	6	936	1944	780	1620	195.0	405.0	216.7	450.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 3 – MCS parameters for TX Antenna number = 3

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

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

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

IEEE 802.11n (40MHz) - 2.4GHz

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

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

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

IEEE 802.11n (40MHz) - 5.8GHz

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

Note:

1. This device is a Dual-band Wireless-N750 Gigabit Router including 2.4GHz b/g/n (2x3) and 5GHz a/n (3x3) 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 uses different transformers: DG36003 G and HN3674CG. These transformers have same specification. The preliminary tests were performed in different transformers, and there was no difference on the test data. Only one data was shown in this test report.
5. The function of the 5.2GHz transmitting is measured and makes a test report of the report number: 124335R-RFUSP46V01.
6. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 124335R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

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

TX	Mode 1: Transmit_(Adapter: AD82030) Mode 2: Transmit_(Adapter: EXA1004UH)

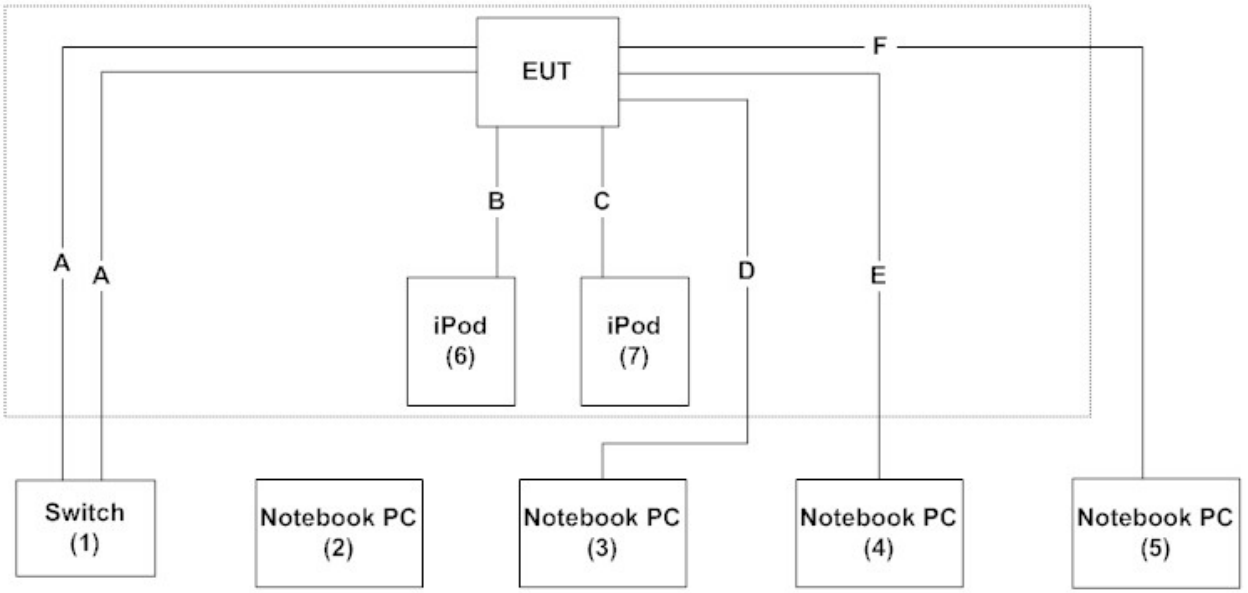
Test Items	Mode	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6/ 151	0+1+2	Complies
Peak Power Output	a	149/ 157/ 165	0	Complies
	b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
Radiated Emission	a	149/ 157/ 165	0	Complies
	b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
RF antenna conducted test	a	149/ 165	0	Complies
	b/g	1/ 11	0	Complies
	11n(20MHz)	1/ 11/ 149/ 165	0+1+2	Complies
	11n(40MHz)	3/ 9/ 151/ 159	0+1+2	Complies
Radiated Emission Band Edge	b/g	1/ 11	0	Complies
	11n(20MHz)	1/ 11	0+1+2	Complies
	11n(40MHz)	3/ 9	0+1+2	Complies
Occupied Bandwidth	a	149/ 157/ 165	0	Complies
	b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
Power Density	a	149/ 157/ 165	0	Complies
	b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	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	Switch	D-Link	DGS1216T	F360298000076	DoC	Non-Shielded, 1.8m
2	Notebook PC	DELL	PP37L	CD8BNG1	DoC	Non-Shielded, 1.8m
3	Notebook PC	ACER	PAV70	LUSEW0D0371105F E221601	DoC	Non-Shielded, 2.5m a ferrite core bonded
4	Notebook PC	ACER	MS2296	LUSCV02139115033 2C2000	DoC	Non-Shielded, 2.5m a ferrite core bonded
5	Notebook PC	HP	HSTNN-146C	CNU8253S1X	DoC	Non-Shielded, 1.8m
6	iPod	Apple	MC306TA/A	5C938C3ZA1S	DoC	--
7	iPod	Apple	MC306TA/A	5C937OKNA1S	DoC	--

1.5. Configuration of tested System

Connection Diagram


Signal Cable Type		Signal cable Description
A	USB 2.0 Flash Memory Cable	Non-Shielded, 3.0m, 2pcs
B	iPod Cable	Shielded, 1.5m
C	iPod Cable	Shielded, 1.5m
D	LAN Cable	Non-Shielded, 1.5m
E	LAN Cable	Non-Shielded, 3.0m
F	LAN Cable	Non-Shielded, 3.0m

1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
2	Execute the test program “RT 3352 AP V1.0.0.6” for 2.4GHz and “RT 3883 AP V1.0.4.0” for 5GHz on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous transmitting.
5	Verify that the EUT works properly.

1.7. Test Facility

Ambient conditions in the laboratory:

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

Site Description: September 27, 2010 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, 2013

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2012

Site Name: Quietek Corporation

Site Address: No.75-2, 3rd Lin, Wang Ye keng, Yonghxing Tsuen,
Qionglin Shiang, Hsinchu County 307, Taiwan
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

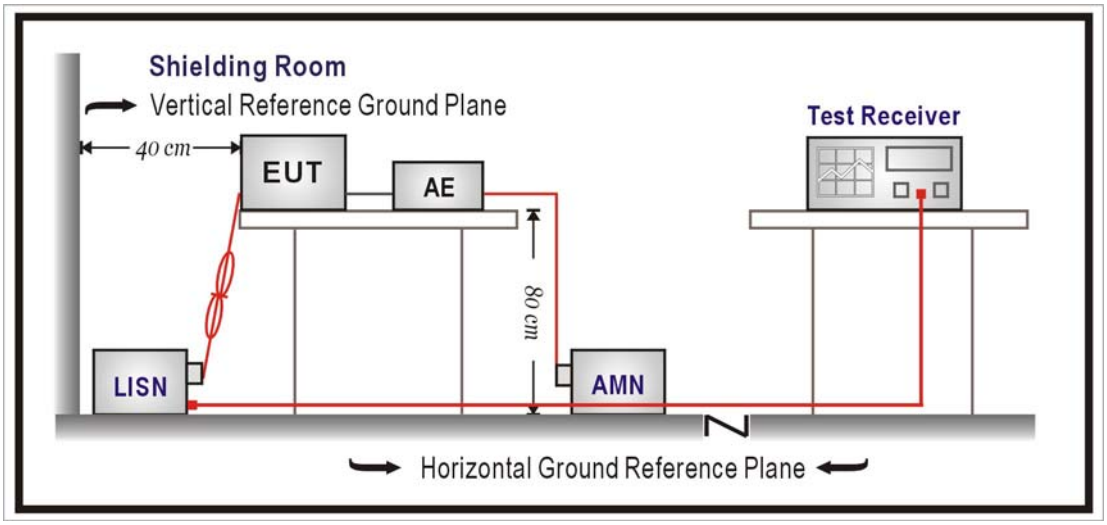
The following test equipments are used during the test:

Conducted Emission / SR2

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2013/02/13
LISN	R&S	ENV216	100092	2012/08/30
Test Receiver	R&S	ESCS 30	825442/014	2012/08/16

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Jan. 2012 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.5. Test Specification

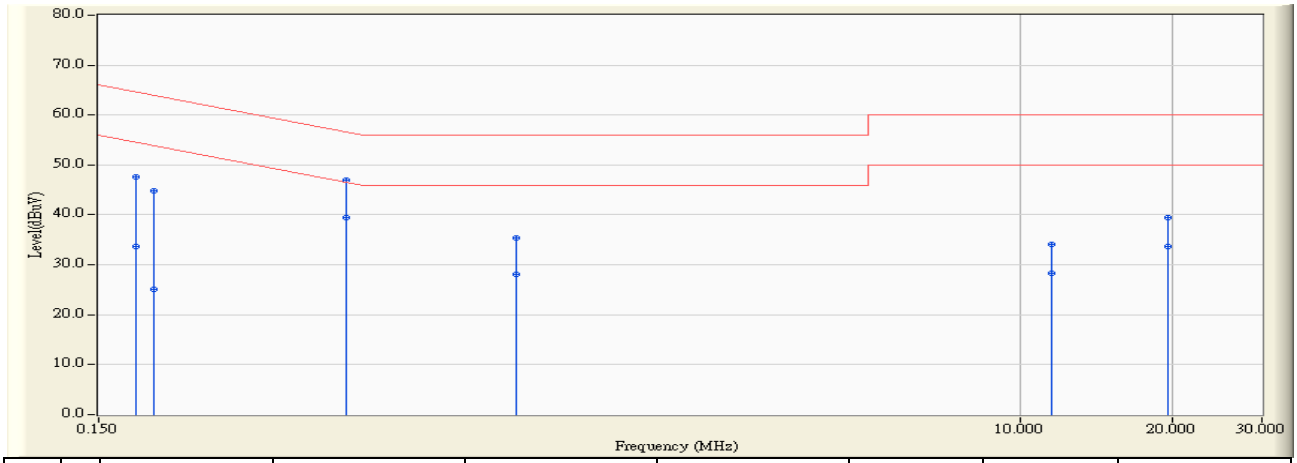
According to FCC Part 15 Subpart C Paragraph 15.207: 2011

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	**Time : 2012/05/19 - 15:22**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_2.4G** **Mode 1: Transmit_(Adapter: AD82030)**

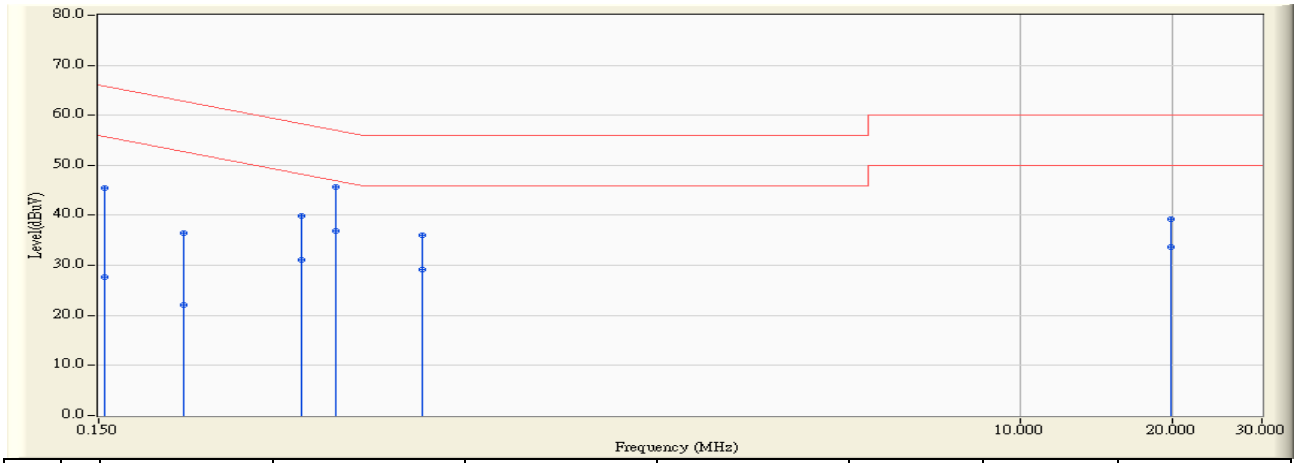


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.177	9.631	38.060	47.691	-16.918	64.609	QUASIPEAK
2		0.177	9.631	24.080	33.711	-20.898	54.609	AVERAGE
3		0.193	9.632	35.120	44.752	-19.155	63.908	QUASIPEAK
4		0.193	9.632	15.480	25.112	-28.795	53.908	AVERAGE
5		0.463	9.649	37.400	47.049	-9.599	56.648	QUASIPEAK
6	*	0.463	9.649	29.800	39.449	-7.199	46.648	AVERAGE
7		1.005	9.720	25.580	35.300	-20.700	56.000	QUASIPEAK
8		1.005	9.720	18.280	28.000	-18.000	46.000	AVERAGE
9		11.533	9.951	24.240	34.191	-25.809	60.000	QUASIPEAK
10		11.533	9.951	18.300	28.251	-21.749	50.000	AVERAGE
11		19.580	10.108	29.360	39.468	-20.532	60.000	QUASIPEAK
12		19.580	10.108	23.500	33.608	-16.392	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 15:25**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_2.4G** **Mode 1: Transmit_(Adapter: AD82030)**

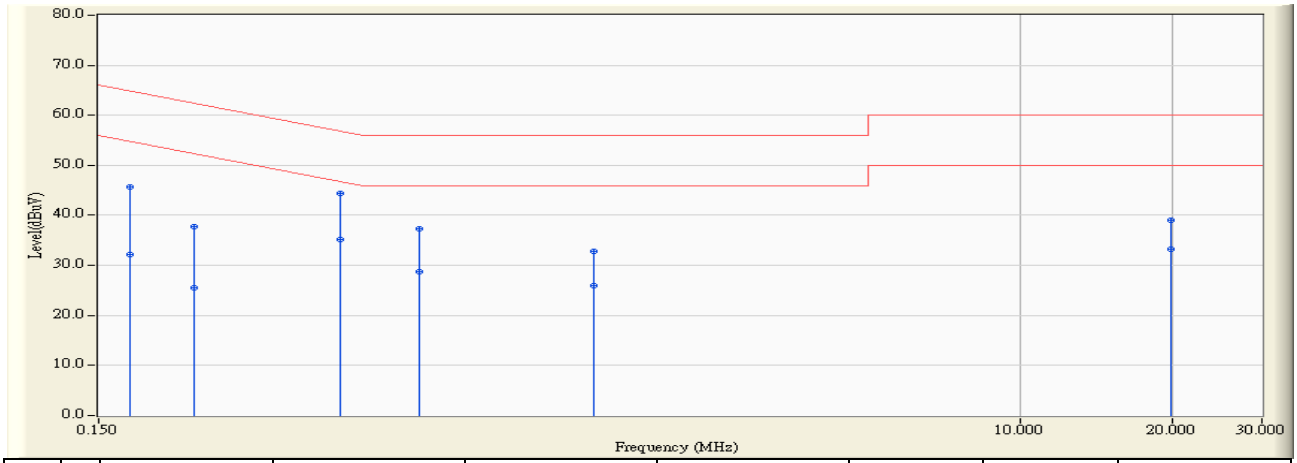


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.639	35.780	45.419	-20.368	65.786	QUASIPEAK
2		0.154	9.639	18.060	27.699	-28.088	55.786	AVERAGE
3		0.220	9.644	26.880	36.524	-26.283	62.807	QUASIPEAK
4		0.220	9.644	12.420	22.064	-30.743	52.807	AVERAGE
5		0.377	9.653	30.200	39.853	-18.502	58.355	QUASIPEAK
6		0.377	9.653	21.340	30.993	-17.362	48.355	AVERAGE
7		0.443	9.657	35.920	45.577	-11.429	57.006	QUASIPEAK
8	*	0.443	9.657	27.200	36.857	-10.149	47.006	AVERAGE
9		0.654	9.678	26.460	36.138	-19.862	56.000	QUASIPEAK
10		0.654	9.678	19.480	29.158	-16.842	46.000	AVERAGE
11		19.802	10.266	28.980	39.246	-20.754	60.000	QUASIPEAK
12		19.802	10.266	23.360	33.626	-16.374	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 13:36**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_2.4G** **Mode 1: Transmit_(Adapter: AD82030)**

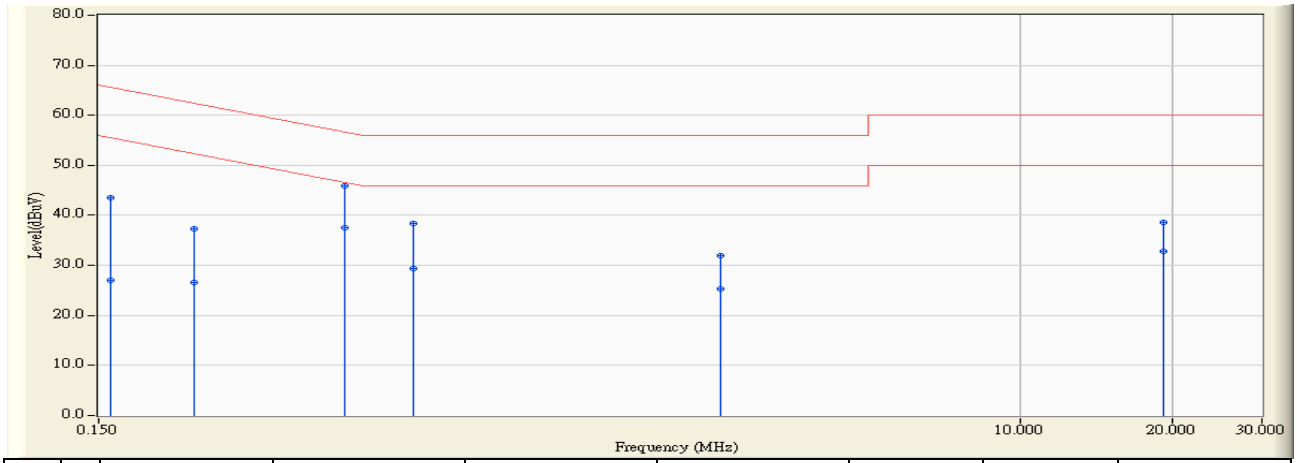


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	9.631	36.060	45.691	-19.103	64.794	QUASIPEAK
2		0.173	9.631	22.480	32.111	-22.683	54.794	AVERAGE
3		0.232	9.635	28.160	37.795	-24.582	62.377	QUASIPEAK
4		0.232	9.635	15.920	25.555	-26.822	52.377	AVERAGE
5		0.451	9.648	34.720	44.368	-12.493	56.861	QUASIPEAK
6	*	0.451	9.648	25.460	35.108	-11.753	46.861	AVERAGE
7		0.646	9.671	27.700	37.372	-18.628	56.000	QUASIPEAK
8		0.646	9.671	19.100	28.772	-17.228	46.000	AVERAGE
9		1.427	9.745	23.040	32.786	-23.214	56.000	QUASIPEAK
10		1.427	9.745	16.260	26.006	-19.994	46.000	AVERAGE
11		19.841	10.109	28.980	39.089	-20.911	60.000	QUASIPEAK
12		19.841	10.109	23.100	33.209	-16.791	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 13:39**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_2.4G** **Mode 1: Transmit_(Adapter: AD82030)**

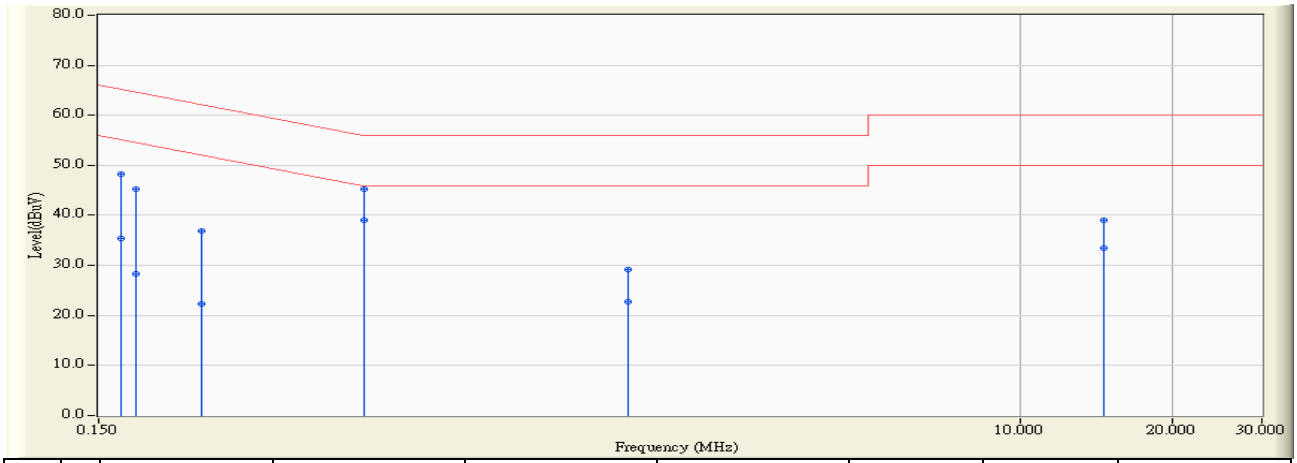


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.640	33.960	43.600	-21.969	65.568	QUASIPEAK
2		0.158	9.640	17.360	27.000	-38.569	65.568	AVERAGE
3		0.232	9.645	27.660	37.305	-25.073	62.378	QUASIPEAK
4		0.232	9.645	16.960	26.605	-35.773	62.378	AVERAGE
5	*	0.459	9.658	36.260	45.918	-10.793	56.711	QUASIPEAK
6		0.459	9.658	27.820	37.478	-19.233	56.711	AVERAGE
7		0.630	9.676	28.740	38.416	-17.584	56.000	QUASIPEAK
8		0.630	9.676	19.800	29.476	-26.524	56.000	AVERAGE
9		2.545	9.800	22.120	31.920	-24.080	56.000	QUASIPEAK
10		2.545	9.800	15.580	25.380	-30.620	56.000	AVERAGE
11		19.185	10.256	28.380	38.635	-21.365	60.000	QUASIPEAK
12		19.185	10.256	22.460	32.715	-27.285	60.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 15:44**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_2.4G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

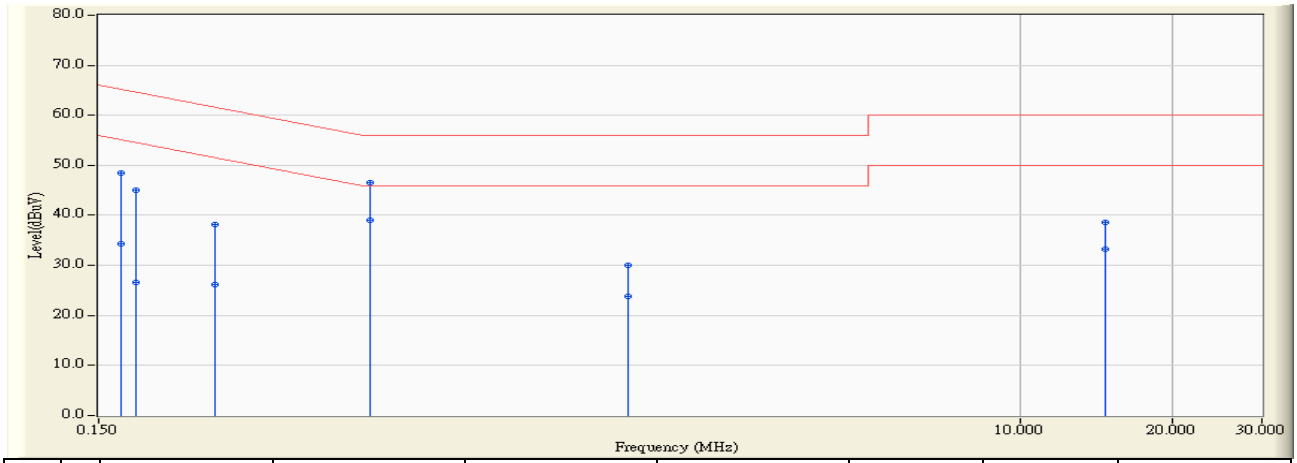


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.631	38.620	48.251	-16.926	65.177	QUASIPEAK
2		0.166	9.631	25.760	35.391	-19.786	55.177	AVERAGE
3		0.177	9.631	35.700	45.331	-19.278	64.609	QUASIPEAK
4		0.177	9.631	18.660	28.291	-26.318	54.609	AVERAGE
5		0.240	9.635	27.160	36.795	-25.307	62.102	QUASIPEAK
6		0.240	9.635	12.660	22.295	-29.807	52.102	AVERAGE
7		0.502	9.653	35.640	45.292	-10.708	56.000	QUASIPEAK
8	*	0.502	9.653	29.300	38.952	-7.048	46.000	AVERAGE
9		1.670	9.760	19.340	29.100	-26.900	56.000	QUASIPEAK
10		1.670	9.760	12.940	22.700	-23.300	46.000	AVERAGE
11		14.634	10.076	28.940	39.015	-20.985	60.000	QUASIPEAK
12		14.634	10.076	23.380	33.455	-16.545	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 15:47**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_2.4G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

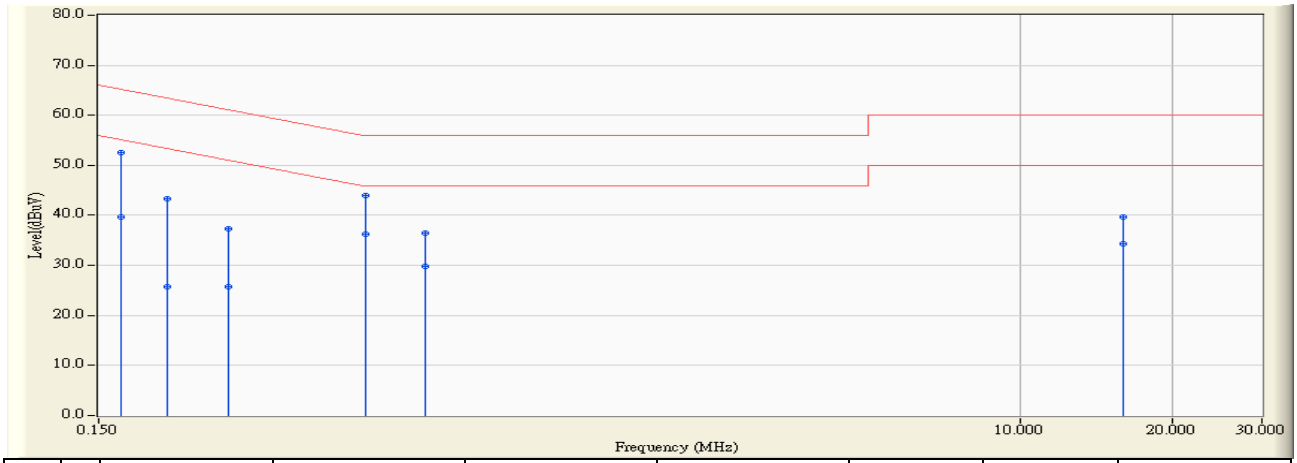


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.641	38.740	48.381	-16.796	65.177	QUASIPEAK
2		0.166	9.641	24.680	34.321	-20.856	55.177	AVERAGE
3		0.177	9.641	35.420	45.061	-19.548	64.609	QUASIPEAK
4		0.177	9.641	17.000	26.641	-27.968	54.609	AVERAGE
5		0.255	9.646	28.460	38.106	-23.471	61.577	QUASIPEAK
6		0.255	9.646	16.620	26.266	-25.311	51.577	AVERAGE
7		0.517	9.662	36.900	46.562	-9.438	56.000	QUASIPEAK
8	*	0.517	9.662	29.280	38.942	-7.058	46.000	AVERAGE
9		1.670	9.766	20.240	30.007	-25.993	56.000	QUASIPEAK
10		1.670	9.766	13.960	23.727	-22.273	46.000	AVERAGE
11		14.744	10.167	28.440	38.607	-21.393	60.000	QUASIPEAK
12		14.744	10.167	23.140	33.307	-16.693	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 14:00**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_2.4G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

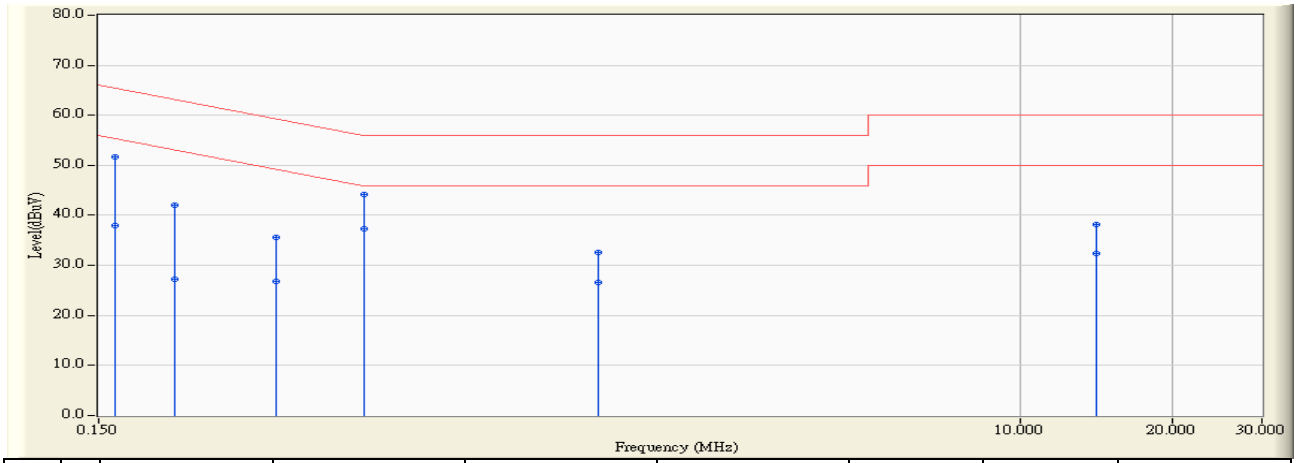


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.631	43.000	52.631	-12.546	65.177	QUASIPEAK
2		0.166	9.631	30.020	39.651	-15.526	55.177	AVERAGE
3		0.205	9.633	33.740	43.373	-20.045	63.418	QUASIPEAK
4		0.205	9.633	16.100	25.733	-27.685	53.418	AVERAGE
5		0.271	9.637	27.660	37.297	-23.787	61.084	QUASIPEAK
6		0.271	9.637	16.020	25.657	-25.427	51.084	AVERAGE
7		0.505	9.653	34.360	44.013	-11.987	56.000	QUASIPEAK
8	*	0.505	9.653	26.660	36.313	-9.687	46.000	AVERAGE
9		0.666	9.674	26.880	36.554	-19.446	56.000	QUASIPEAK
10		0.666	9.674	20.120	29.794	-16.206	46.000	AVERAGE
11		15.923	10.094	29.580	39.674	-20.326	60.000	QUASIPEAK
12		15.923	10.094	24.160	34.254	-15.746	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 14:03**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_2.4G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

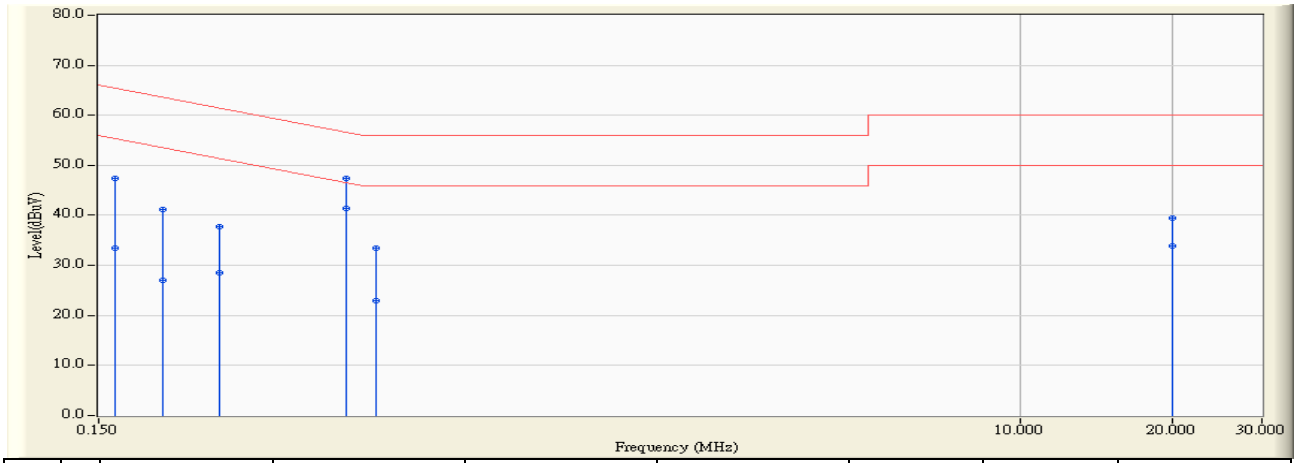


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.641	42.040	51.681	-13.695	65.375	QUASIPEAK
2		0.162	9.641	28.260	37.901	-17.475	55.375	AVERAGE
3		0.212	9.643	32.460	42.103	-21.004	63.107	QUASIPEAK
4		0.212	9.643	17.640	27.283	-25.824	53.107	AVERAGE
5		0.338	9.651	25.940	35.591	-23.674	59.265	QUASIPEAK
6		0.338	9.651	17.200	26.851	-22.414	49.265	AVERAGE
7		0.502	9.661	34.600	44.261	-11.739	56.000	QUASIPEAK
8	*	0.502	9.661	27.660	37.321	-8.679	46.000	AVERAGE
9		1.462	9.752	22.900	32.652	-23.348	56.000	QUASIPEAK
10		1.462	9.752	16.780	26.532	-19.468	46.000	AVERAGE
11		14.084	10.134	27.960	38.094	-21.906	60.000	QUASIPEAK
12		14.084	10.134	22.160	32.294	-17.706	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 16:16**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_5.8G** **Mode 1: Transmit_(Adapter: AD82030)**

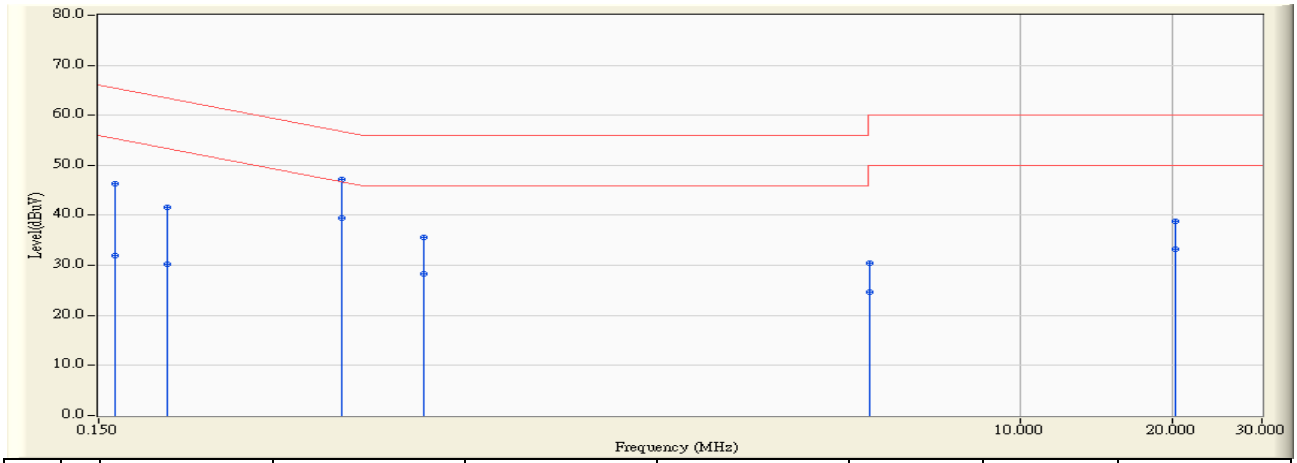


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.631	37.700	47.331	-18.045	65.375	QUASIPEAK
2		0.162	9.631	23.900	33.531	-21.845	55.375	AVERAGE
3		0.201	9.633	31.640	41.273	-22.305	63.578	QUASIPEAK
4		0.201	9.633	17.320	26.953	-26.625	53.578	AVERAGE
5		0.259	9.636	28.080	37.716	-23.735	61.451	QUASIPEAK
6		0.259	9.636	18.820	28.456	-22.995	51.451	AVERAGE
7		0.463	9.649	37.700	47.349	-9.299	56.648	QUASIPEAK
8	*	0.463	9.649	31.740	41.389	-5.259	46.648	AVERAGE
9		0.529	9.655	23.900	33.556	-22.444	56.000	QUASIPEAK
10		0.529	9.655	13.400	23.056	-22.944	46.000	AVERAGE
11		19.912	10.110	29.420	39.530	-20.470	60.000	QUASIPEAK
12		19.912	10.110	23.740	33.850	-16.150	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 16:30**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_5.8G** **Mode 1: Transmit_(Adapter: AD82030)**

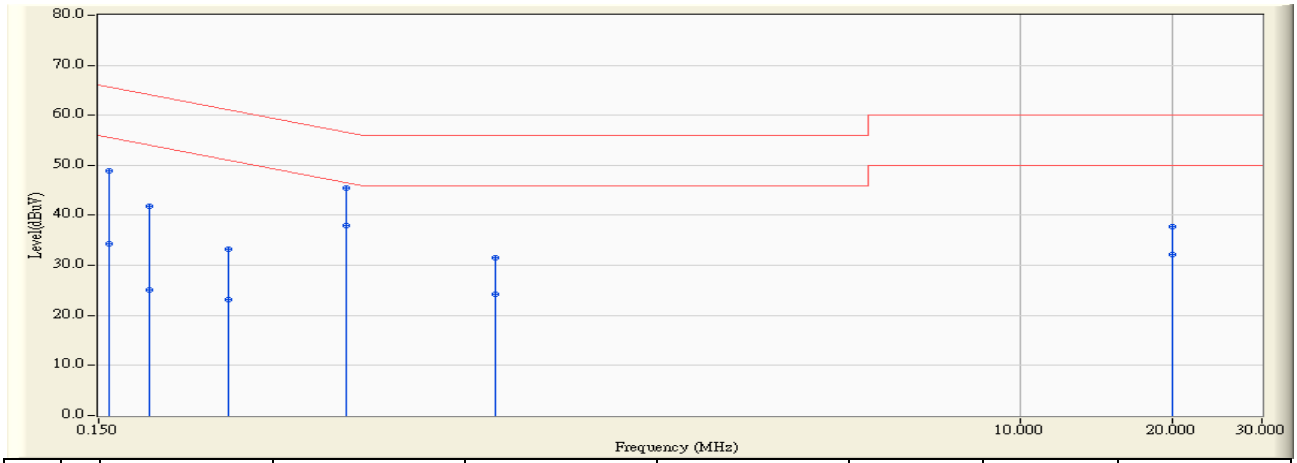


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.641	36.700	46.341	-19.020	65.361	QUASIPEAK
2		0.162	9.641	22.260	31.901	-33.460	65.361	AVERAGE
3		0.205	9.643	31.860	41.503	-21.902	63.405	QUASIPEAK
4		0.205	9.643	20.560	30.203	-33.202	63.405	AVERAGE
5	*	0.455	9.657	37.480	47.137	-9.646	56.783	QUASIPEAK
6		0.455	9.657	29.840	39.497	-17.286	56.783	AVERAGE
7		0.658	9.679	25.920	35.599	-20.401	56.000	QUASIPEAK
8		0.658	9.679	18.540	28.219	-27.781	56.000	AVERAGE
9		5.013	9.855	20.580	30.435	-29.565	60.000	QUASIPEAK
10		5.013	9.855	14.880	24.735	-35.265	60.000	AVERAGE
11		20.205	10.280	28.500	38.780	-21.220	60.000	QUASIPEAK
12		20.205	10.280	22.860	33.140	-26.860	60.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 12:12**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_5.8G** **Mode 1: Transmit_(Adapter: AD82030)**

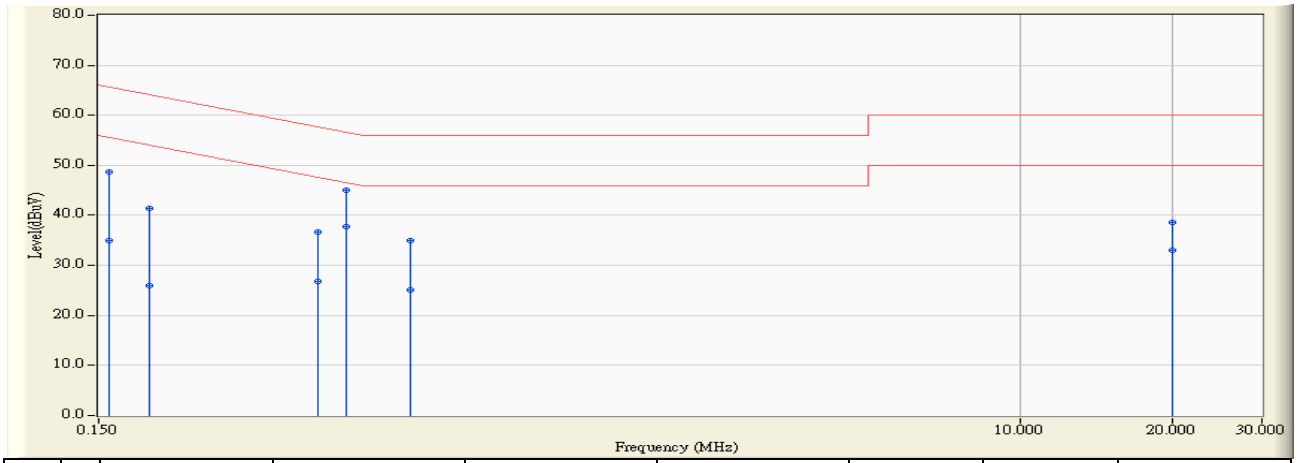


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.630	39.280	48.910	-16.668	65.578	QUASIPEAK
2		0.158	9.630	24.740	34.370	-21.208	55.578	AVERAGE
3		0.189	9.632	32.100	41.732	-22.346	64.078	QUASIPEAK
4		0.189	9.632	15.540	25.172	-28.906	54.078	AVERAGE
5		0.271	9.637	23.660	33.297	-27.787	61.084	QUASIPEAK
6		0.271	9.637	13.540	23.177	-27.907	51.084	AVERAGE
7		0.463	9.649	35.880	45.529	-11.119	56.648	QUASIPEAK
8	*	0.463	9.649	28.260	37.909	-8.739	46.648	AVERAGE
9		0.916	9.709	21.920	31.628	-24.372	56.000	QUASIPEAK
10		0.916	9.709	14.580	24.288	-21.712	46.000	AVERAGE
11		19.966	10.110	27.720	37.830	-22.170	60.000	QUASIPEAK
12		19.966	10.110	22.100	32.210	-17.790	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 12:15**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_5.8G** **Mode 1: Transmit_(Adapter: AD82030)**

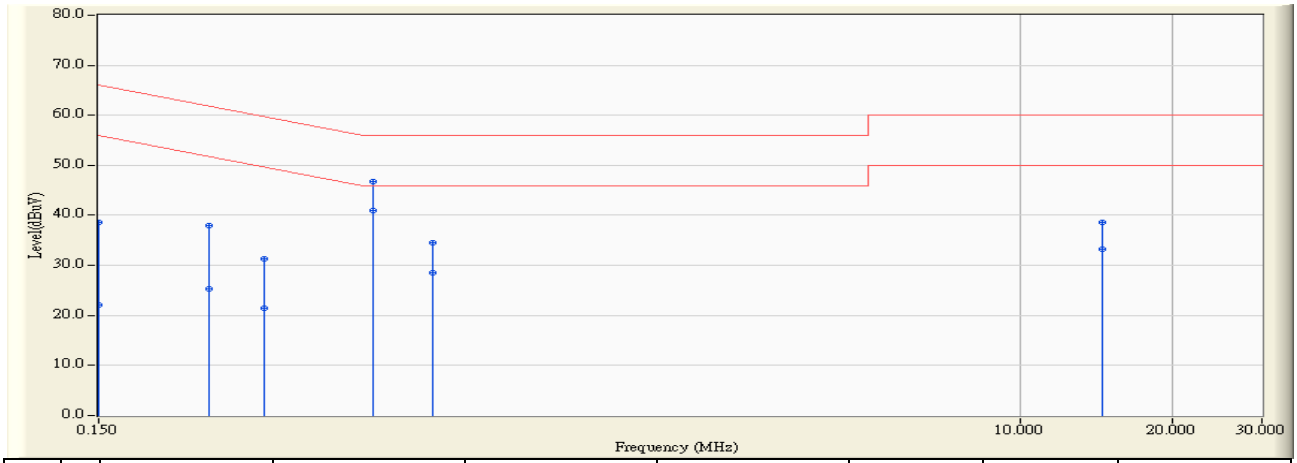


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.640	39.040	48.680	-16.898	65.578	QUASIPEAK
2		0.158	9.640	25.300	34.940	-20.638	55.578	AVERAGE
3		0.189	9.642	31.700	41.342	-22.736	64.078	QUASIPEAK
4		0.189	9.642	16.300	25.942	-28.136	54.078	AVERAGE
5		0.408	9.655	27.100	36.755	-20.938	57.693	QUASIPEAK
6		0.408	9.655	17.160	26.815	-20.878	47.693	AVERAGE
7		0.463	9.658	35.380	45.038	-11.610	56.648	QUASIPEAK
8	*	0.463	9.658	28.000	37.658	-8.990	46.648	AVERAGE
9		0.619	9.674	25.180	34.854	-21.146	56.000	QUASIPEAK
10		0.619	9.674	15.360	25.034	-20.966	46.000	AVERAGE
11		19.966	10.270	28.300	38.569	-21.431	60.000	QUASIPEAK
12		19.966	10.270	22.680	32.949	-17.051	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 16:53**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_5.8G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

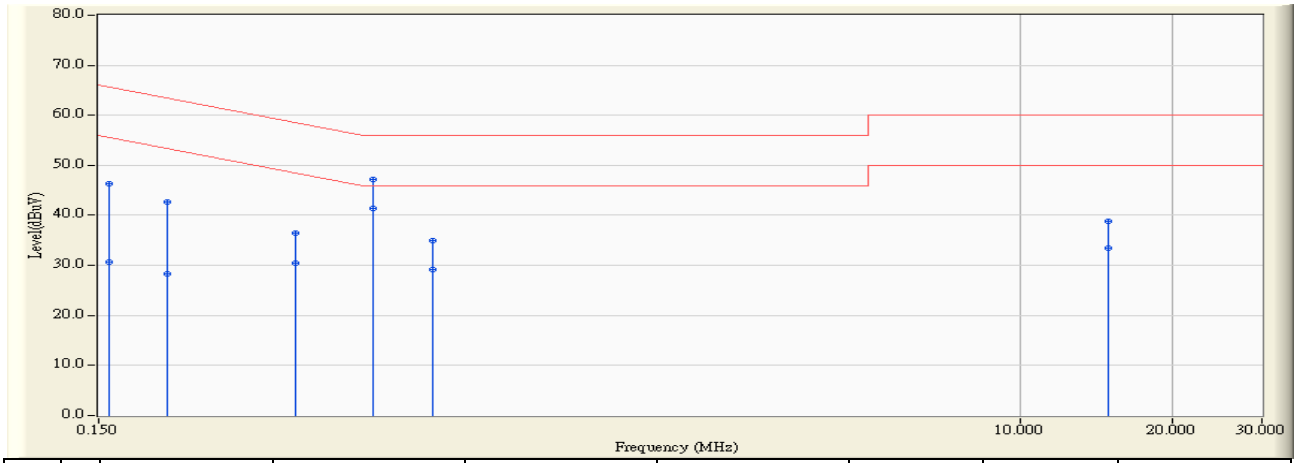


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.628	29.060	38.688	-27.312	66.000	QUASIPEAK
2		0.150	9.628	12.380	22.008	-43.992	66.000	AVERAGE
3		0.248	9.636	28.260	37.896	-23.928	61.824	QUASIPEAK
4		0.248	9.636	15.760	25.396	-36.428	61.824	AVERAGE
5		0.318	9.640	21.700	31.340	-28.419	59.759	QUASIPEAK
6		0.318	9.640	11.840	21.480	-38.279	59.759	AVERAGE
7	*	0.525	9.655	37.160	46.815	-9.185	56.000	QUASIPEAK
8		0.525	9.655	31.300	40.955	-15.045	56.000	AVERAGE
9		0.685	9.677	24.840	34.517	-21.483	56.000	QUASIPEAK
10		0.685	9.677	18.940	28.617	-27.383	56.000	AVERAGE
11		14.494	10.070	28.580	38.650	-21.350	60.000	QUASIPEAK
12		14.494	10.070	23.100	33.170	-26.830	60.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 16:57**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 – Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : DG36003 G_5.8G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

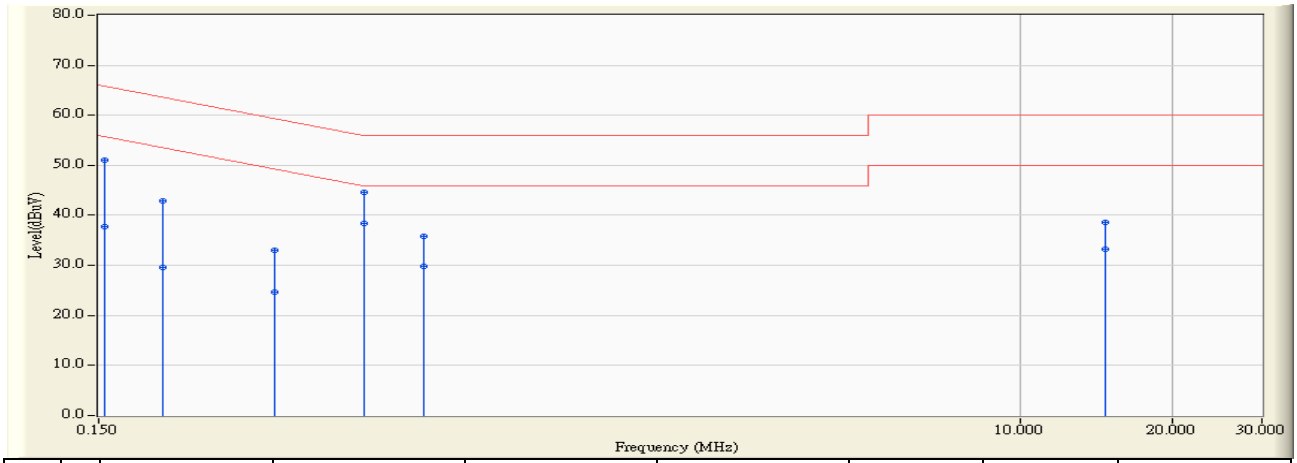


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.630	36.700	46.330	-19.248	65.578	QUASIPEAK
2		0.158	9.630	21.000	30.630	-24.948	55.578	AVERAGE
3		0.205	9.633	33.040	42.673	-20.745	63.418	QUASIPEAK
4		0.205	9.633	18.740	28.373	-25.045	53.418	AVERAGE
5		0.369	9.642	26.900	36.542	-21.987	58.529	QUASIPEAK
6		0.369	9.642	20.820	30.462	-18.067	48.529	AVERAGE
7		0.525	9.655	37.600	47.255	-8.745	56.000	QUASIPEAK
8	*	0.525	9.655	31.700	41.355	-4.645	46.000	AVERAGE
9		0.689	9.678	25.240	34.917	-21.083	56.000	QUASIPEAK
10		0.689	9.678	19.440	29.117	-16.883	46.000	AVERAGE
11		14.923	10.087	28.700	38.787	-21.213	60.000	QUASIPEAK
12		14.923	10.087	23.440	33.527	-16.473	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 11:47**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line1	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_5.8G** **Mode 2: Transmit_(Adapter: EXA1004UH)**

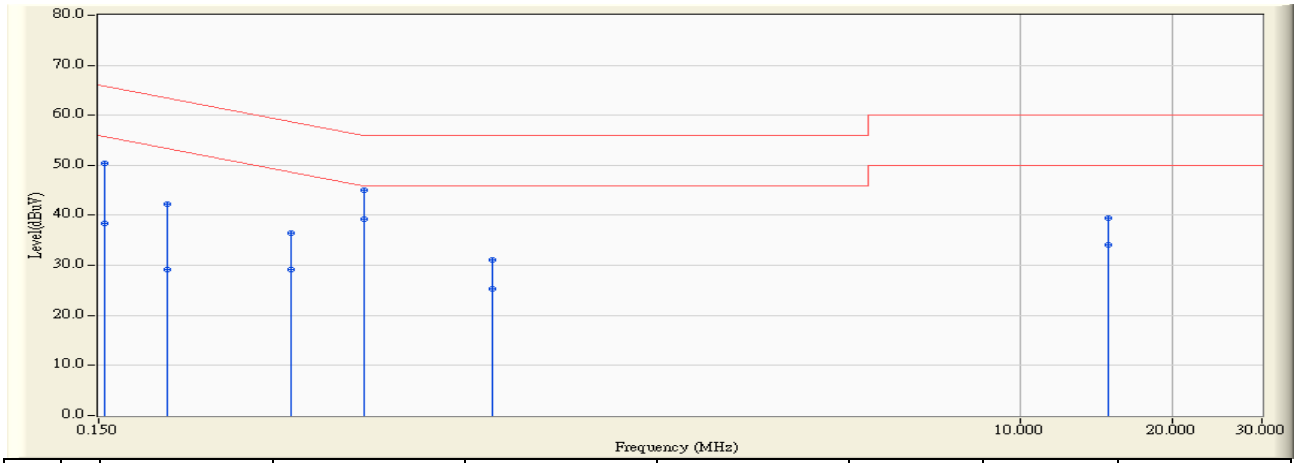


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.629	41.400	51.029	-14.758	65.786	QUASIPEAK
2		0.154	9.629	28.120	37.749	-18.038	55.786	AVERAGE
3		0.201	9.633	33.320	42.953	-20.625	63.578	QUASIPEAK
4		0.201	9.633	19.900	29.533	-24.045	53.578	AVERAGE
5		0.334	9.640	23.380	33.020	-26.341	59.361	QUASIPEAK
6		0.334	9.640	15.060	24.700	-24.661	49.361	AVERAGE
7		0.502	9.653	34.960	44.612	-11.388	56.000	QUASIPEAK
8	*	0.502	9.653	28.780	38.432	-7.568	46.000	AVERAGE
9		0.662	9.673	26.240	35.914	-20.086	56.000	QUASIPEAK
10		0.662	9.673	20.220	29.894	-16.106	46.000	AVERAGE
11		14.670	10.077	28.540	38.617	-21.383	60.000	QUASIPEAK
12		14.670	10.077	23.080	33.157	-16.843	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2012/05/19 - 11:51**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-1_0831 - Line2	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : HN3674CG_5.8G** **Mode 2: Transmit_(Adapter: EXA1004UH)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.639	40.720	50.359	-15.428	65.786	QUASIPEAK
2		0.154	9.639	28.660	38.299	-17.488	55.786	AVERAGE
3		0.205	9.643	32.580	42.223	-21.195	63.418	QUASIPEAK
4		0.205	9.643	19.520	29.163	-24.255	53.418	AVERAGE
5		0.361	9.652	26.740	36.392	-22.315	58.707	QUASIPEAK
6		0.361	9.652	19.460	29.112	-19.595	48.707	AVERAGE
7		0.502	9.661	35.440	45.101	-10.899	56.000	QUASIPEAK
8	*	0.502	9.661	29.640	39.301	-6.699	46.000	AVERAGE
9		0.904	9.708	21.400	31.108	-24.892	56.000	QUASIPEAK
10		0.904	9.708	15.640	25.348	-20.652	46.000	AVERAGE
11		14.916	10.176	29.340	39.516	-20.484	60.000	QUASIPEAK
12		14.916	10.176	23.880	34.056	-15.944	50.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

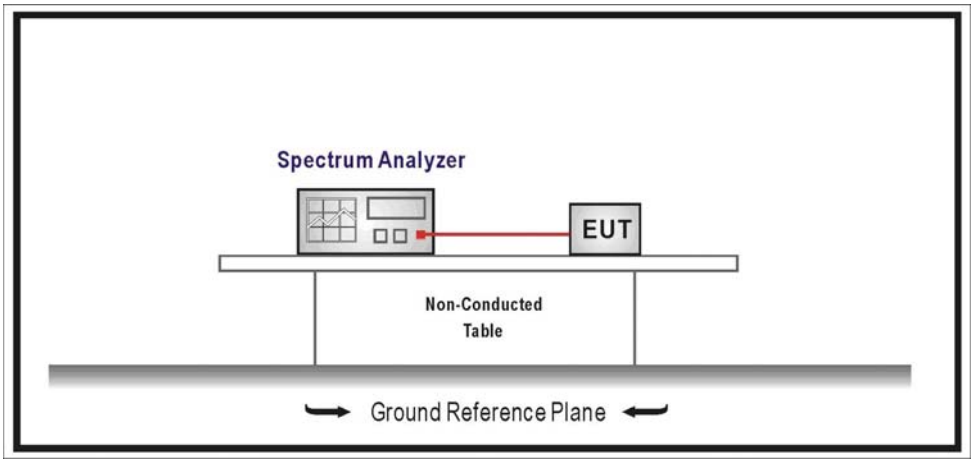
The following test equipments are used during the test:

Peak Power / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2013/02/19

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure of Jan. 2012 KDB558074, Section 5.2.1.2 Measurement Procedure PK2 for compliance to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2011

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

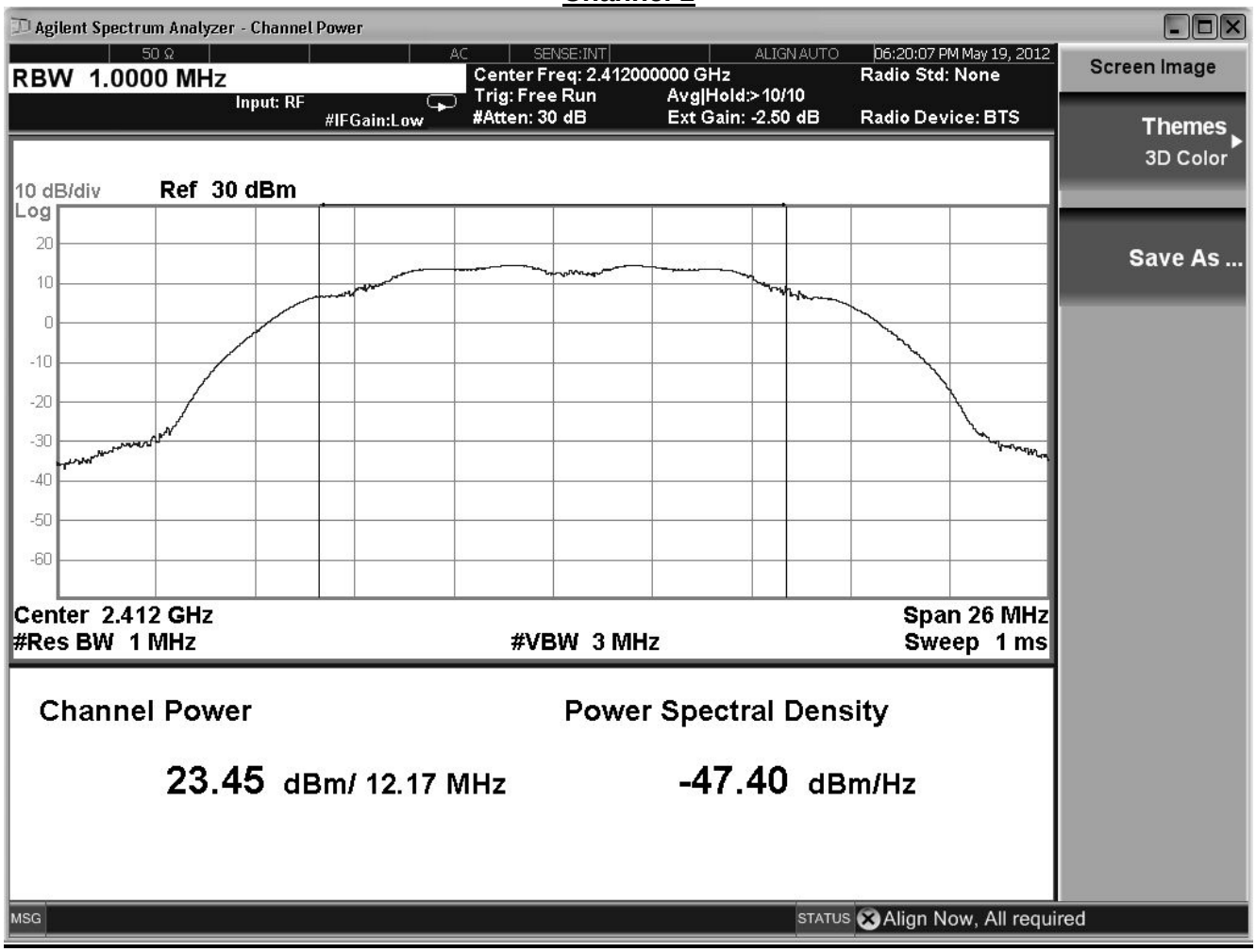
IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.45	1Watt= 30 dBm	Pass
6	2437	23.69	1Watt= 30 dBm	Pass
11	2462	23.53	1Watt= 30 dBm	Pass

The worst emission of data rate is 1Mbps.

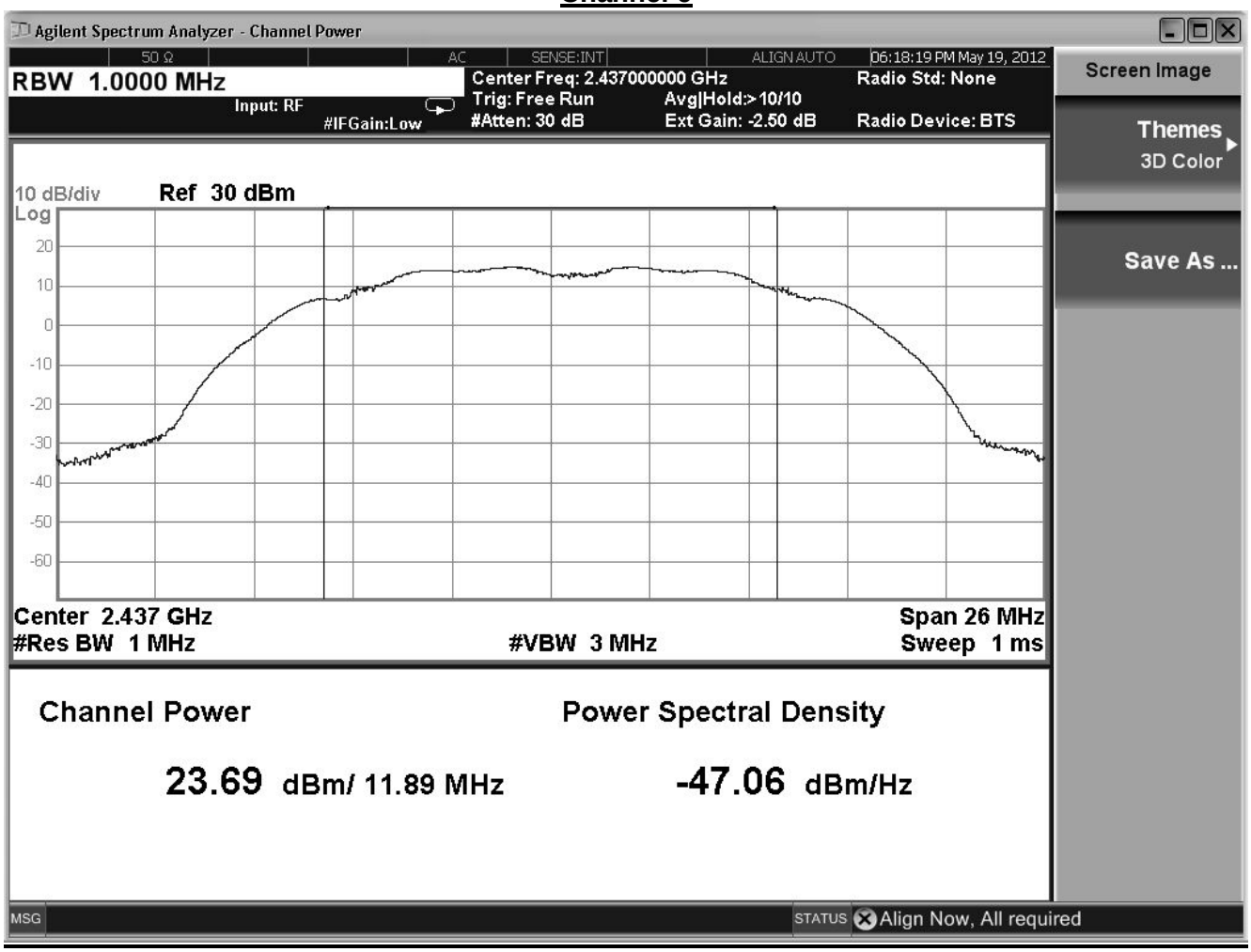
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	23.45	--	--	-	30 dBm
6	2437	23.69	23.62	23.53	23.48	30 dBm
11	2462	23.53	--	--	-	30 dBm

Note: Measure Level =Reading value + cable loss

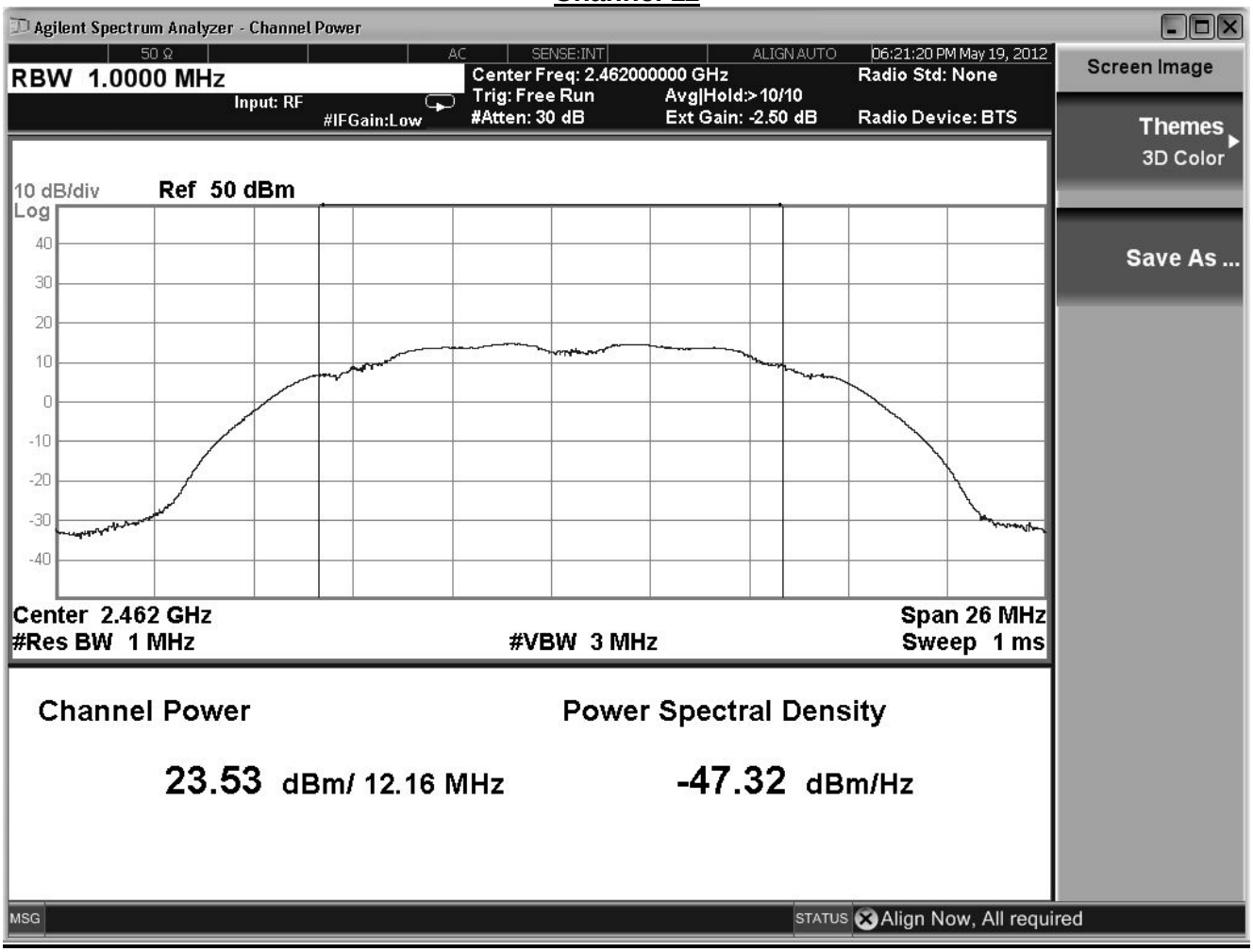
Channel 1


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:20:07 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.412 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
23.45 dBm/ 12.17 MHz
Power Spectral Density
-47.40 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:18:19 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
23.69 dBm/ 11.89 MHz
Power Spectral Density
-47.06 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 11


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:21:20 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 50 dBm
40
30
20
10
0
-10
-20
-30
-40
Center 2.462 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
23.53 dBm/ 12.16 MHz
Power Spectral Density
-47.32 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

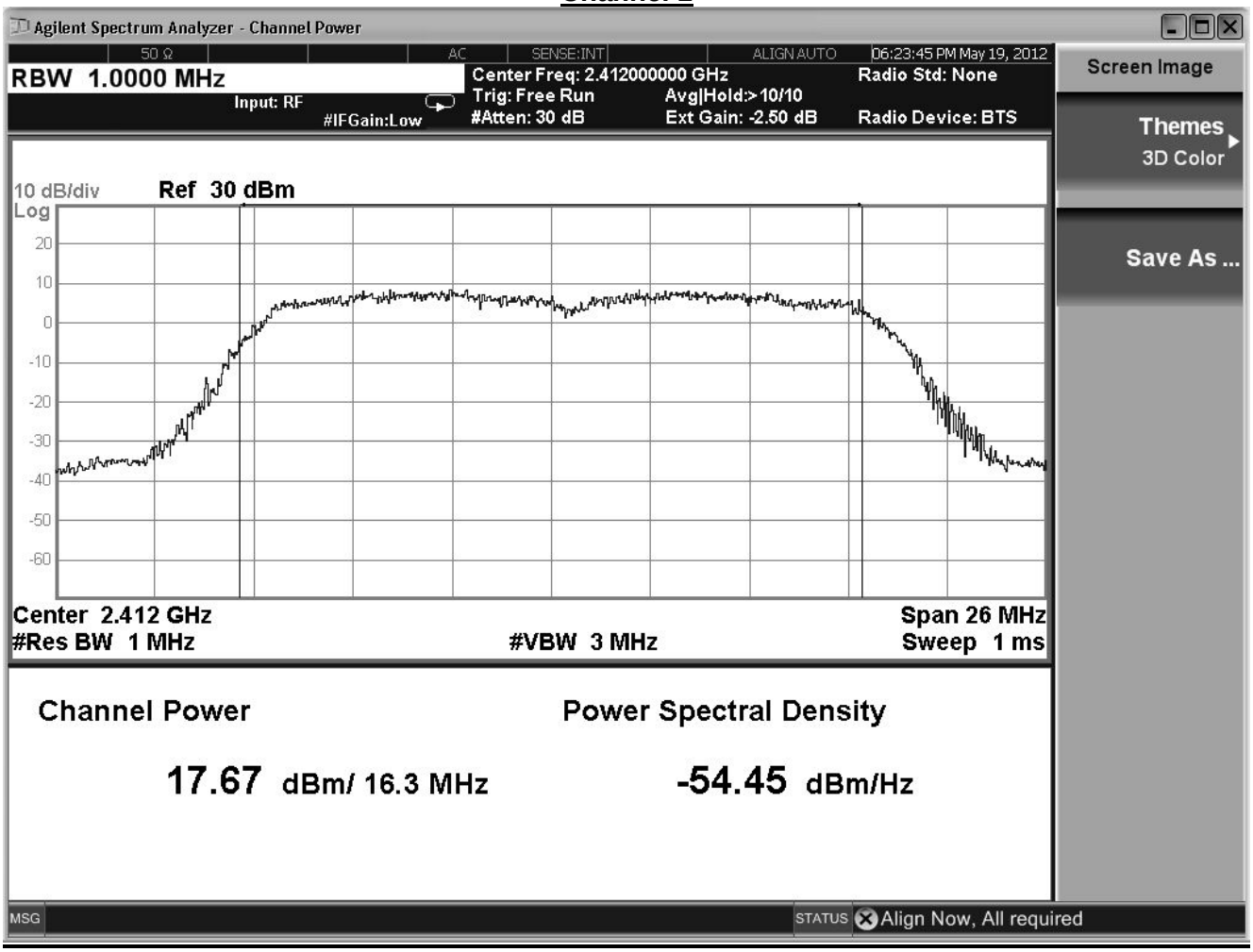
IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.67	1Watt= 30 dBm	Pass
6	2437	17.18	1Watt= 30 dBm	Pass
11	2462	16.89	1Watt= 30 dBm	Pass

The worst emission of data rate is 6Mbps.

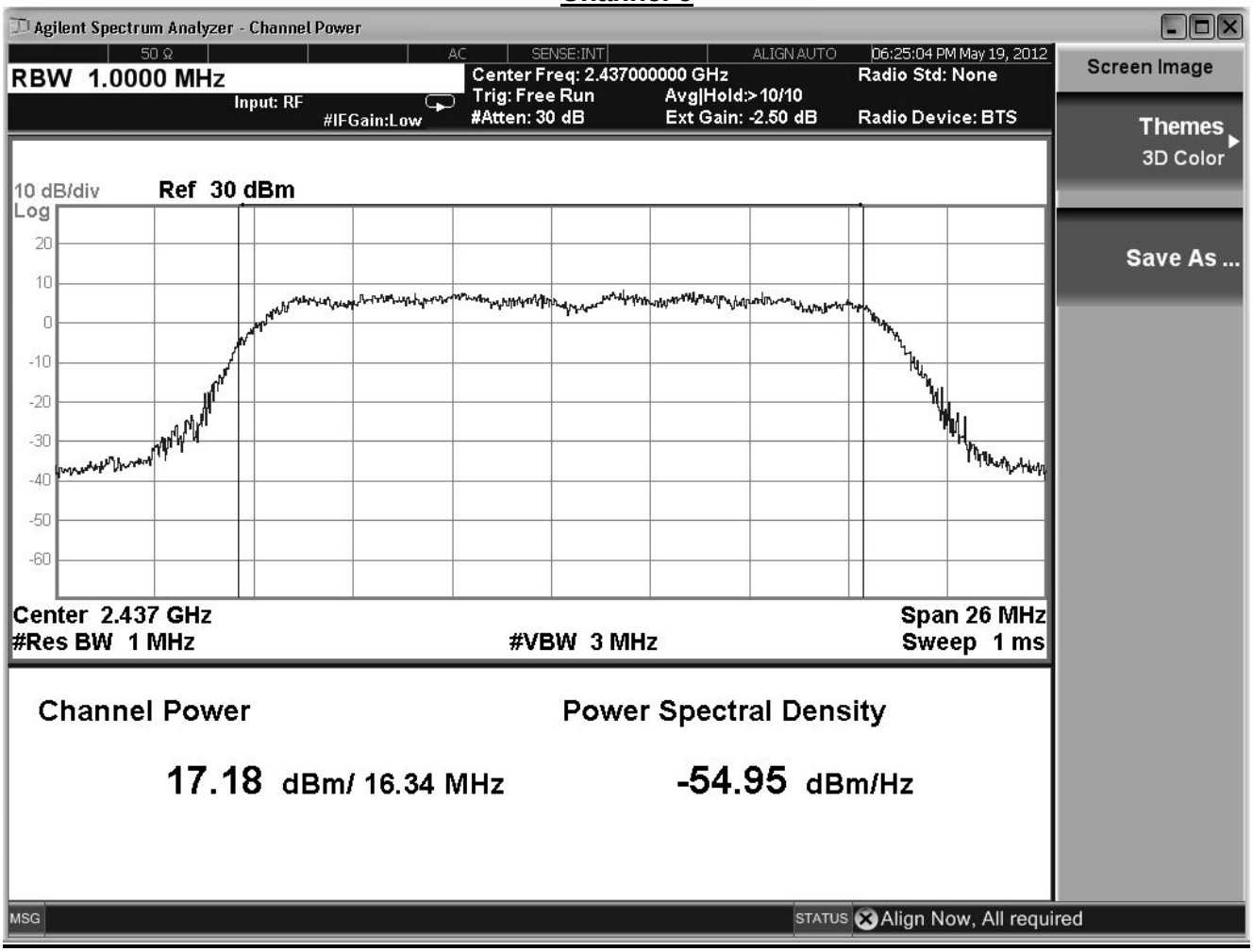
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	17.67	--	--	-	--	--	-	30 dBm
6	2437	17.18	17.15	17.02	16.96	16.88	16.83	16.79	30 dBm
11	2462	16.89	--	--	-	--	--	-	30 dBm

Note: Measure Level =Reading value + cable loss

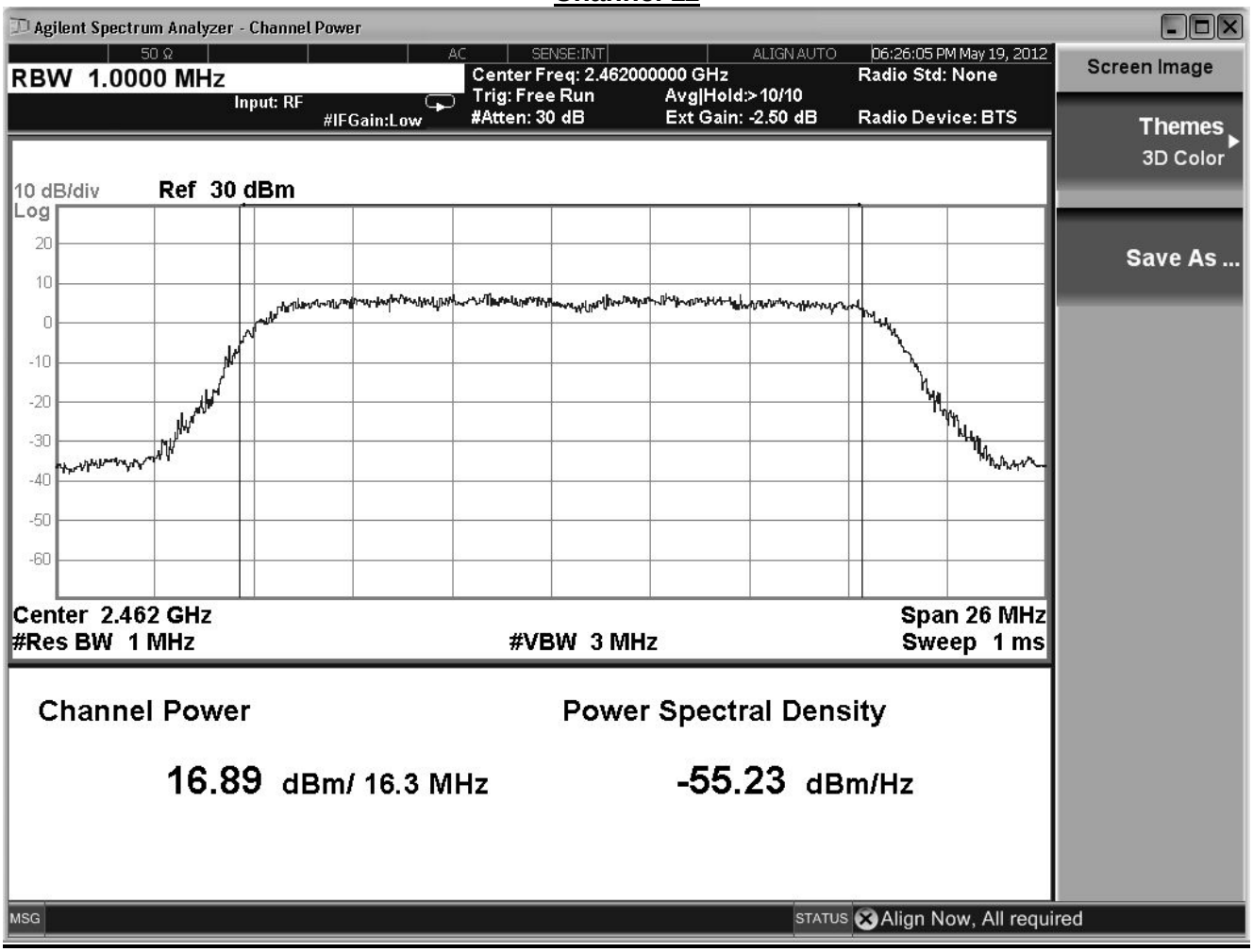
Channel 1


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:23:45 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.412 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
17.67 dBm/ 16.3 MHz
Power Spectral Density
-54.45 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:25:04 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
17.18 dBm/ 16.34 MHz
Power Spectral Density
-54.95 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 11


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:26:05 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.462 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
16.89 dBm/ 16.3 MHz
Power Spectral Density
-55.23 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

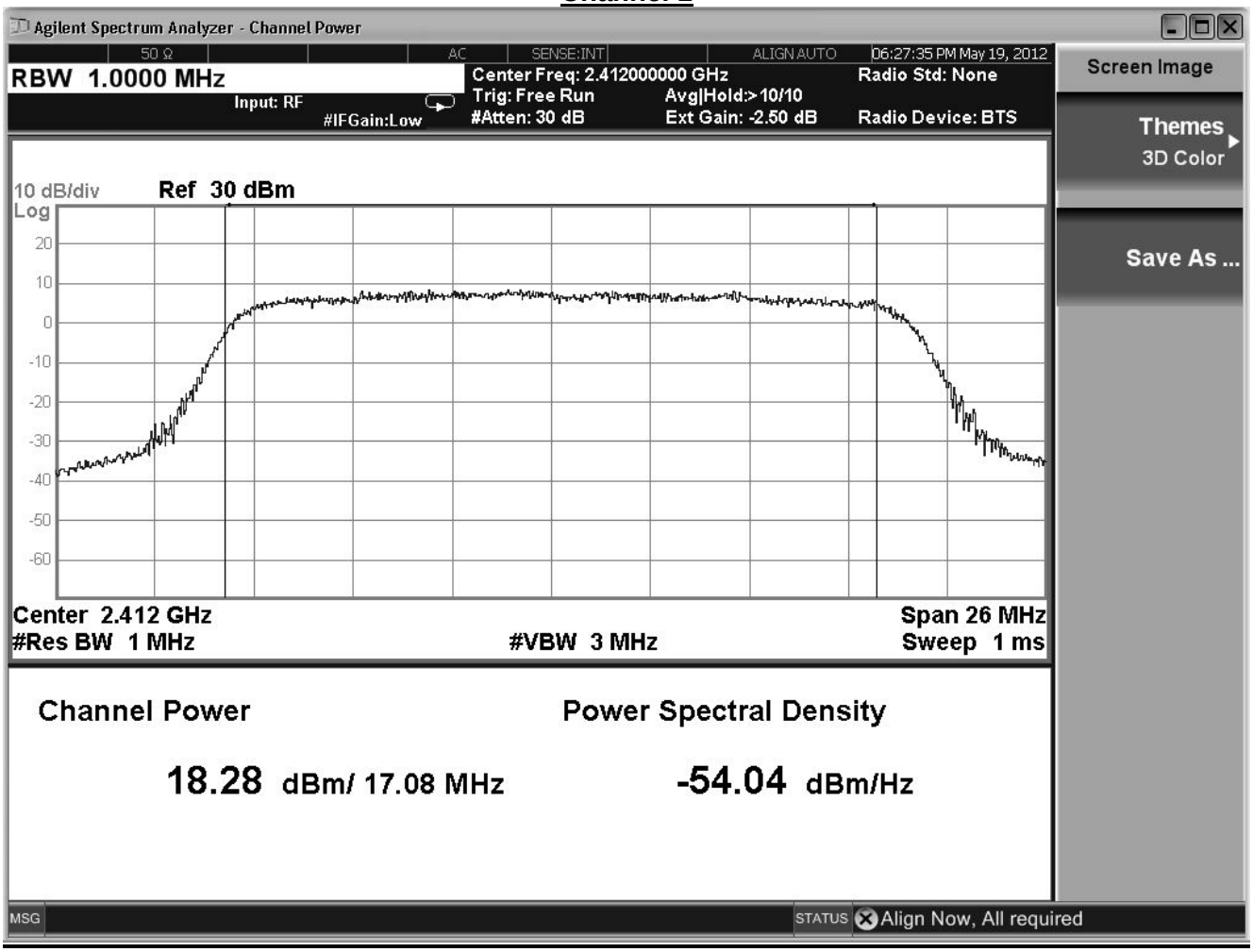
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.28	1Watt= 30 dBm	Pass
6	2437	18.07	1Watt= 30 dBm	Pass
11	2462	17.81	1Watt= 30 dBm	Pass

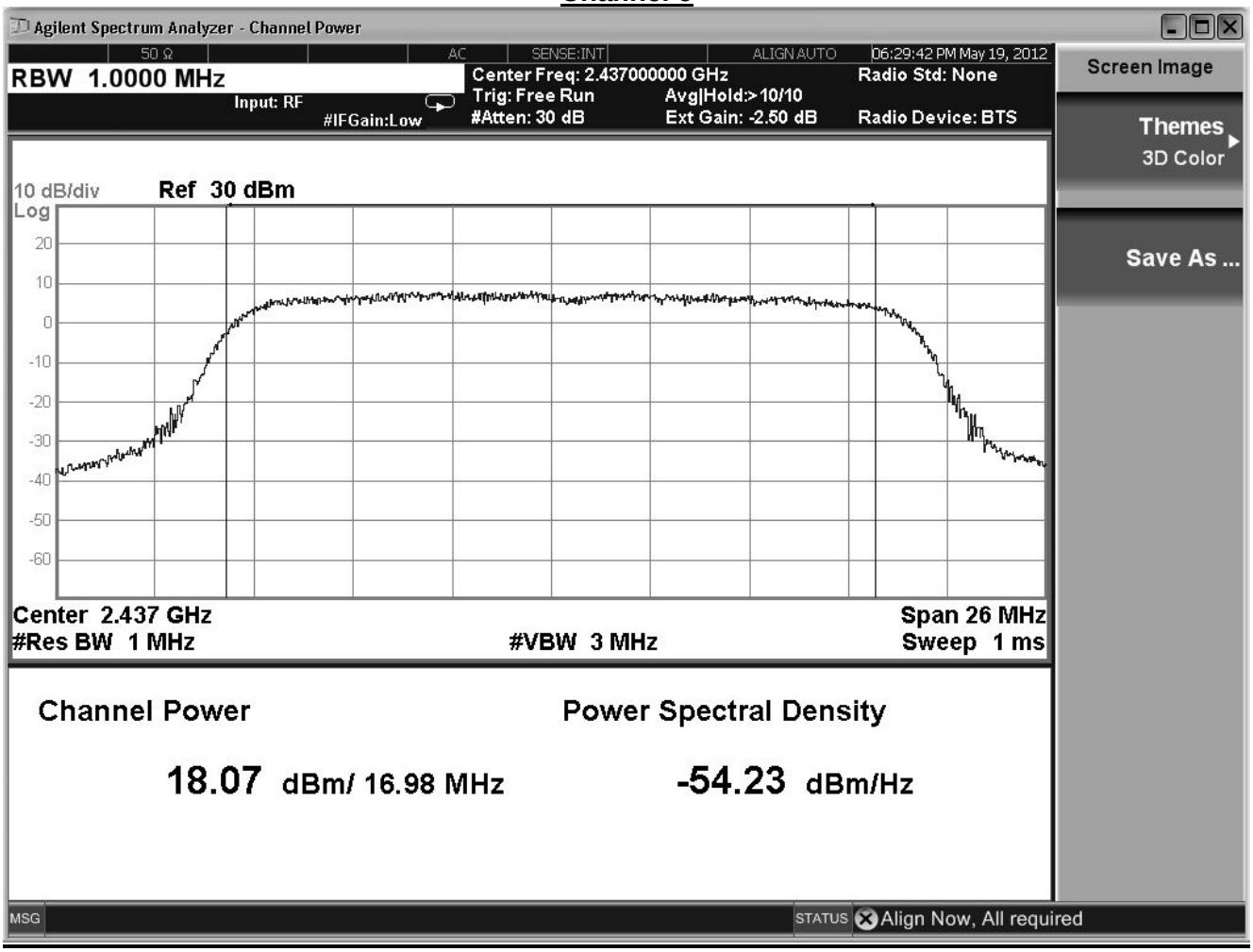
The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	18.28	--	--	-	--	--	-	--	30dBm
6	2437	18.07	17.97	17.87	17.77	17.62	17.53	17.51	17.48	30dBm
11	2462	17.81	--	--	-	--	--	-	--	30dBm

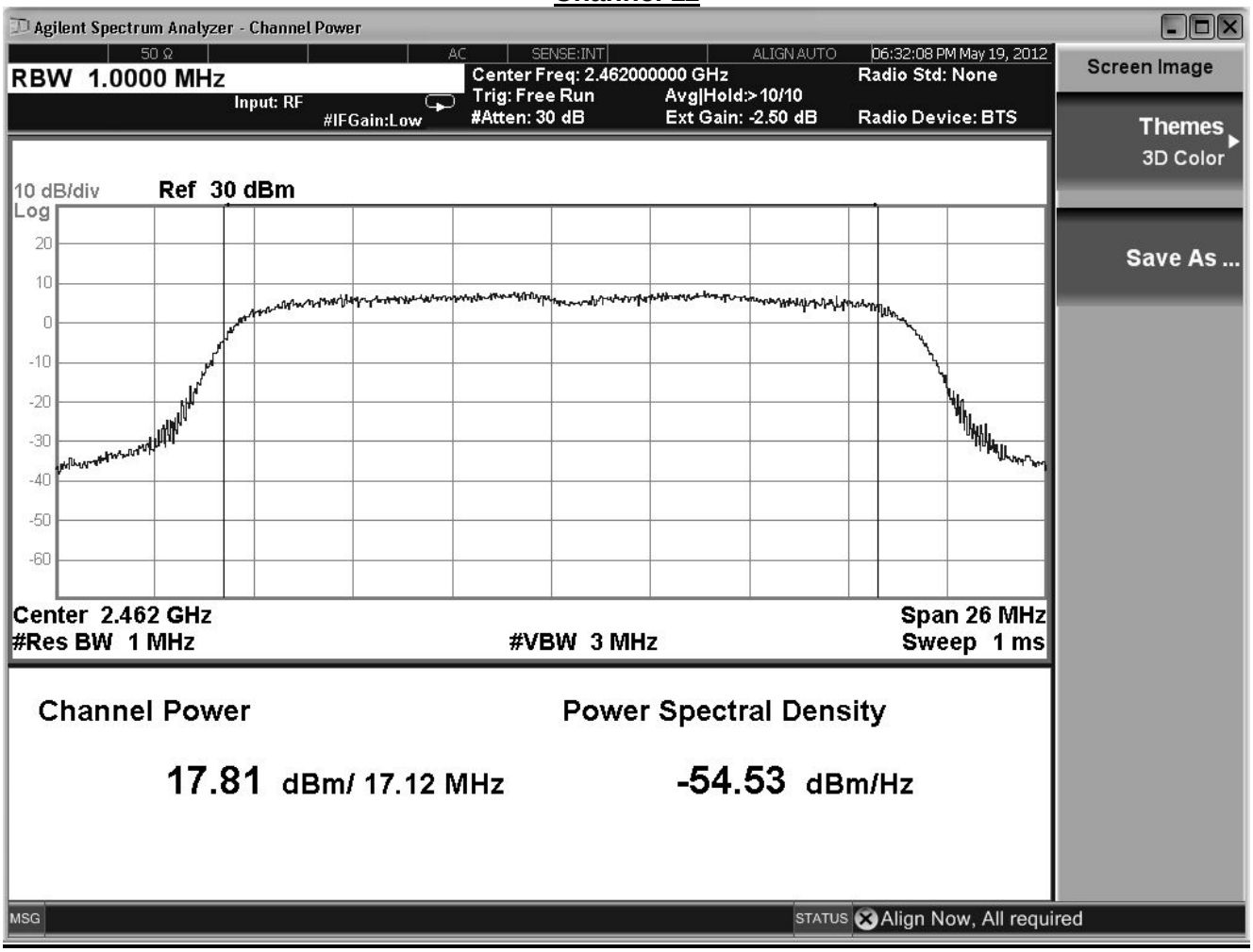
Channel 1


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:27:35 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.412 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
18.28 dBm/ 17.08 MHz
Power Spectral Density
-54.04 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:29:42 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
18.07 dBm/ 16.98 MHz
Power Spectral Density
-54.23 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 11


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:32:08 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.462 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
17.81 dBm/ 17.12 MHz
Power Spectral Density
-54.53 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

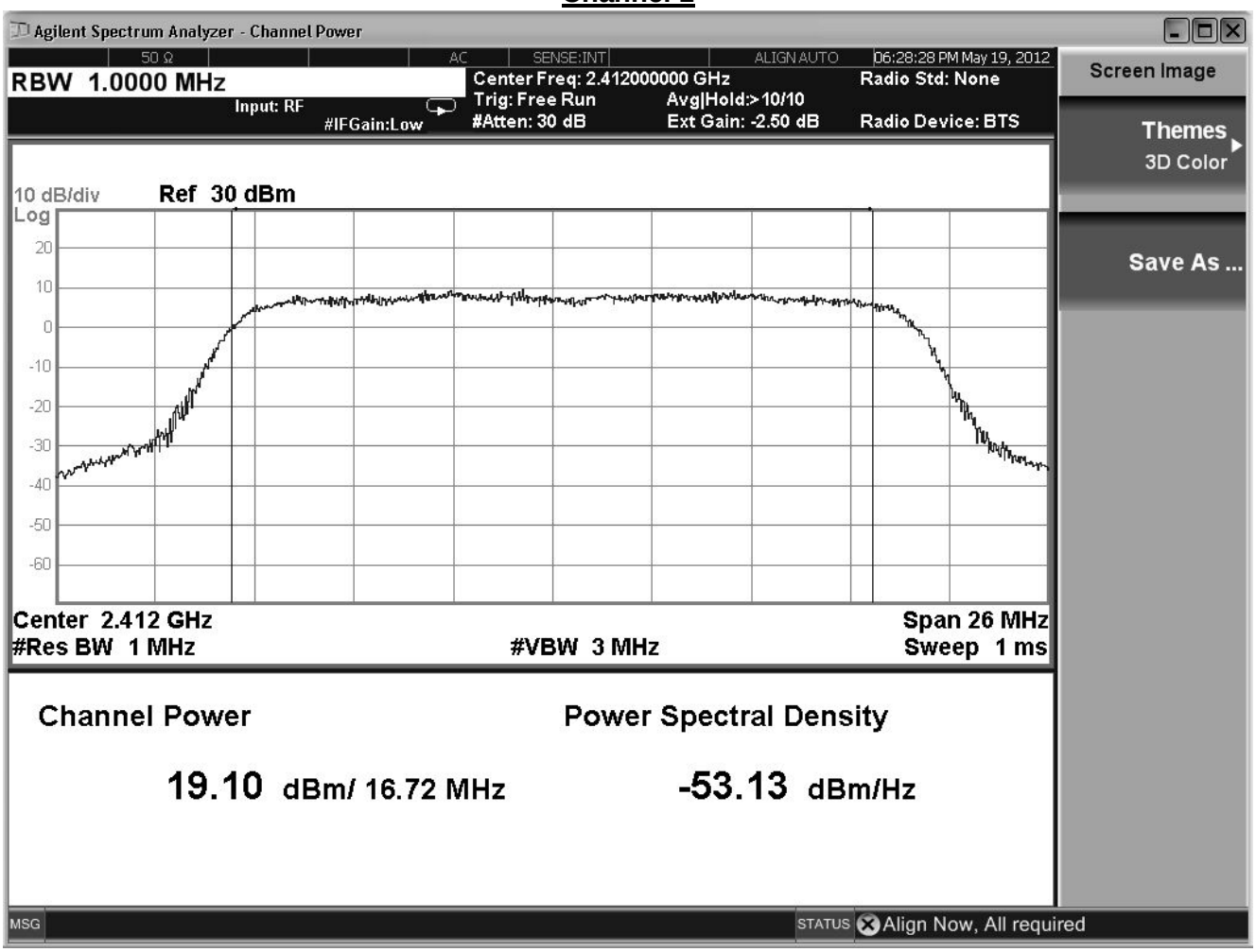
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.10	1Watt= 30 dBm	Pass
6	2437	19.05	1Watt= 30 dBm	Pass
11	2462	18.92	1Watt= 30 dBm	Pass

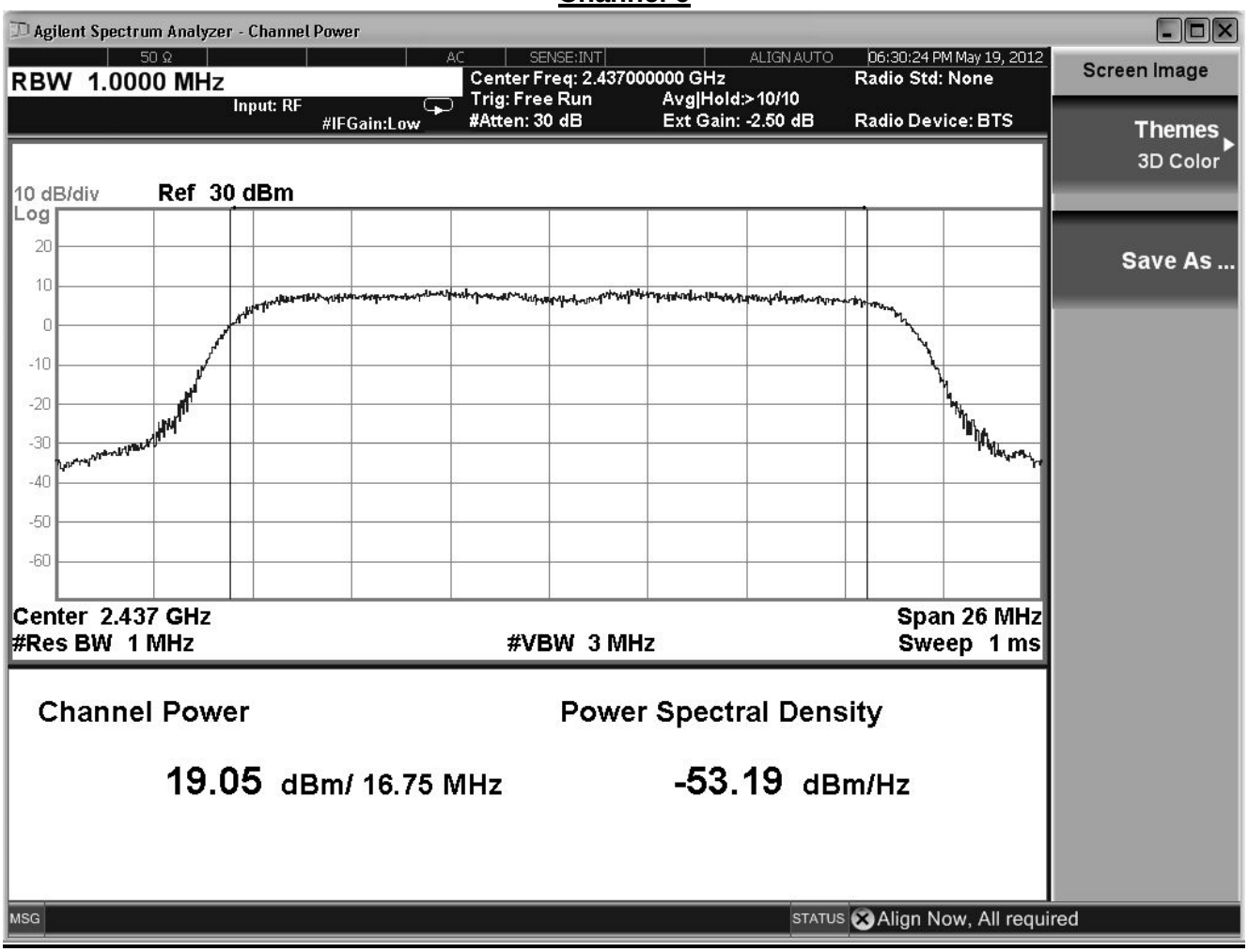
The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	19.10	--	--	-	--	--	-	--	30dBm
6	2437	19.05	18.96	18.92	18.82	18.74	18.71	18.68	18.62	30dBm
11	2462	18.92	--	--	-	--	--	-	--	30dBm

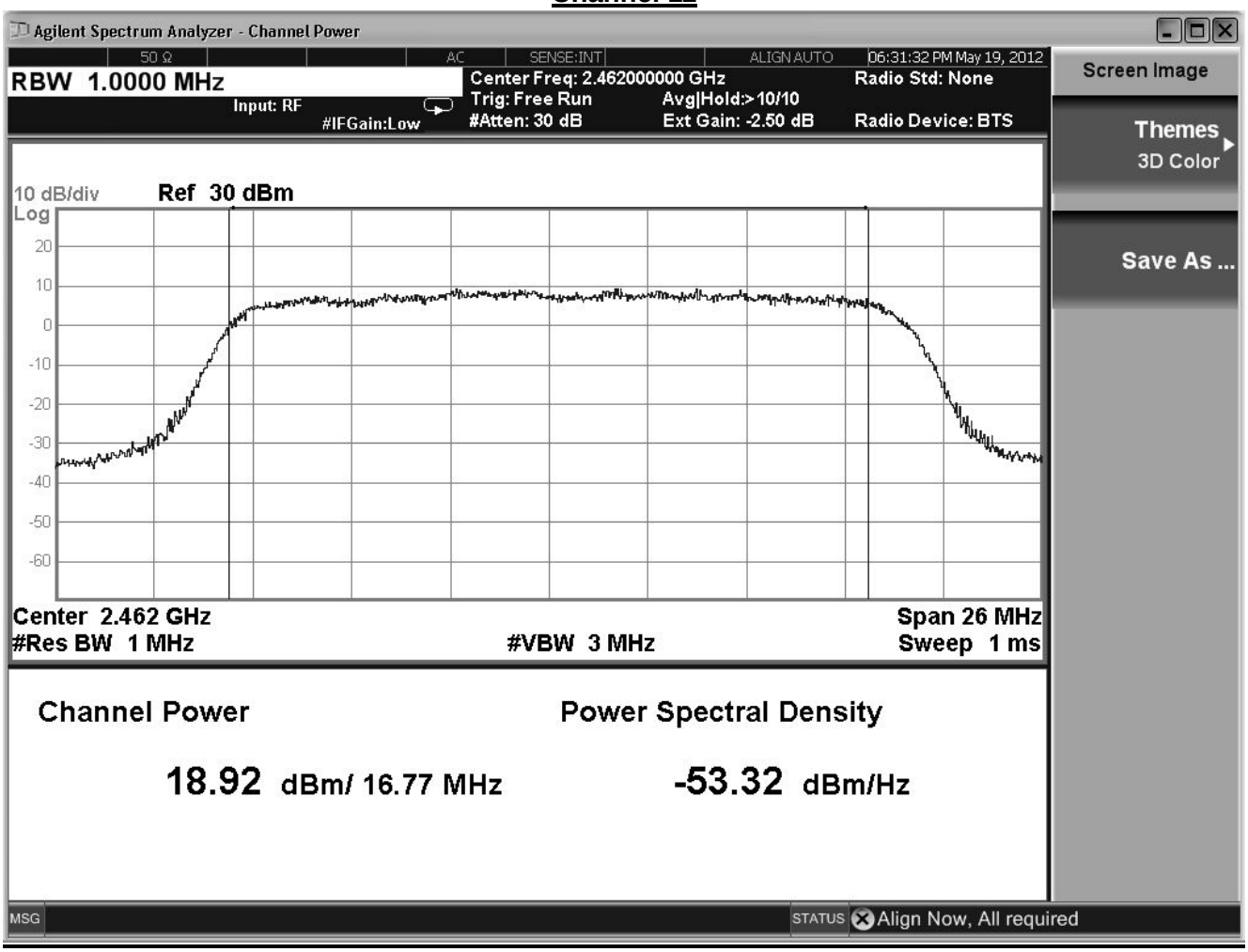
Channel 1


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:28:28 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.412 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
19.10 dBm/ 16.72 MHz
Power Spectral Density
-53.13 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:30:24 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
19.05 dBm/ 16.75 MHz
Power Spectral Density
-53.19 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 11


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:31:32 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.462 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
18.92 dBm/ 16.77 MHz
Power Spectral Density
-53.32 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.72	1Watt= 30 dBm	Pass
6	2437	21.60	1Watt= 30 dBm	Pass
11	2462	21.41	1Watt= 30 dBm	Pass

The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	21.72	--	--	-	--	--	-	--	30dBm
6	2437	21.60	21.53	21.43	21.32	21.22	21.28	21.21	21.11	30dBm
11	2462	21.41	--	--	-	--	--	-	--	30dBm

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

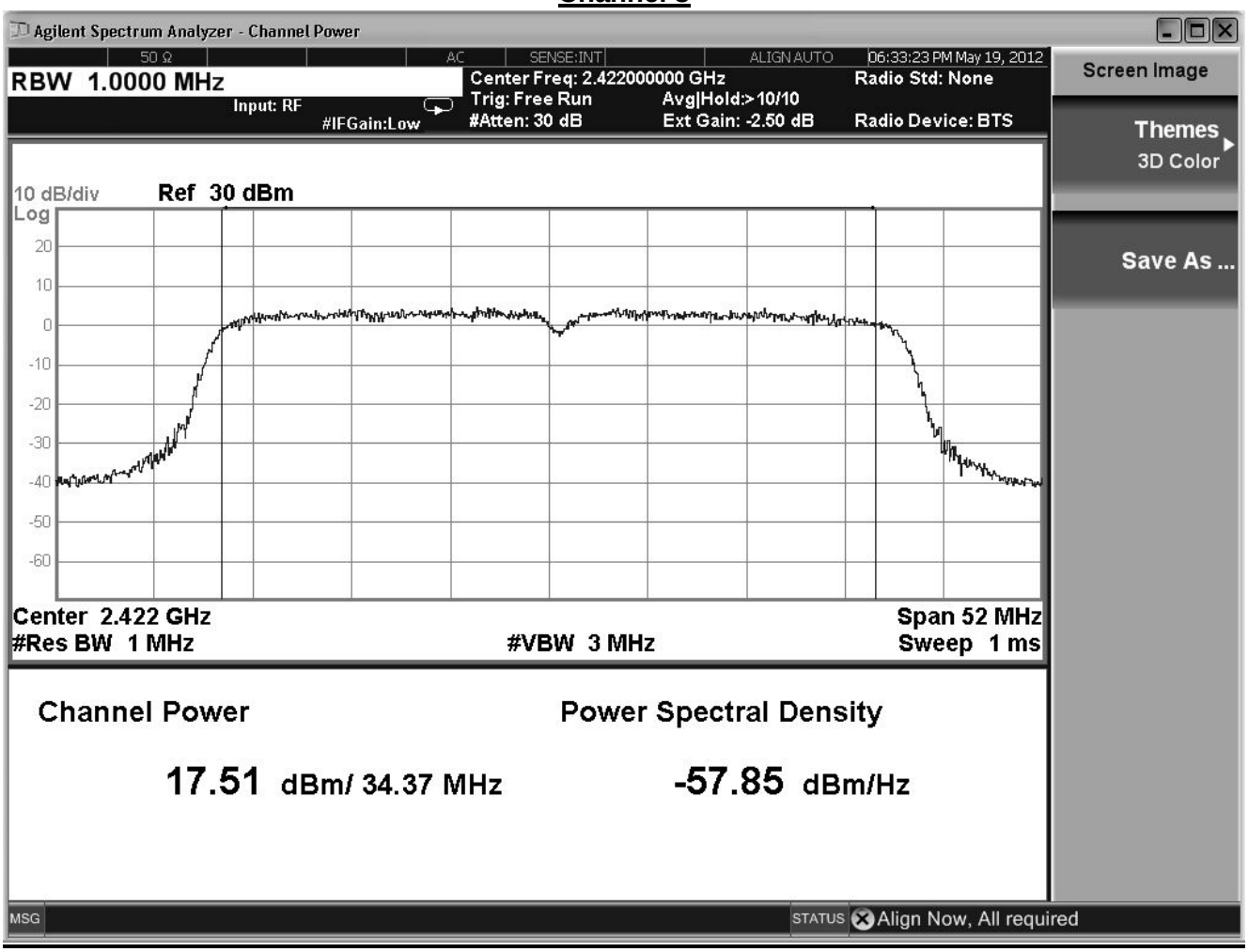
IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	17.51	1Watt= 30 dBm	Pass
6	2437	17.55	1Watt= 30 dBm	Pass
9	2452	17.62	1Watt= 30 dBm	Pass

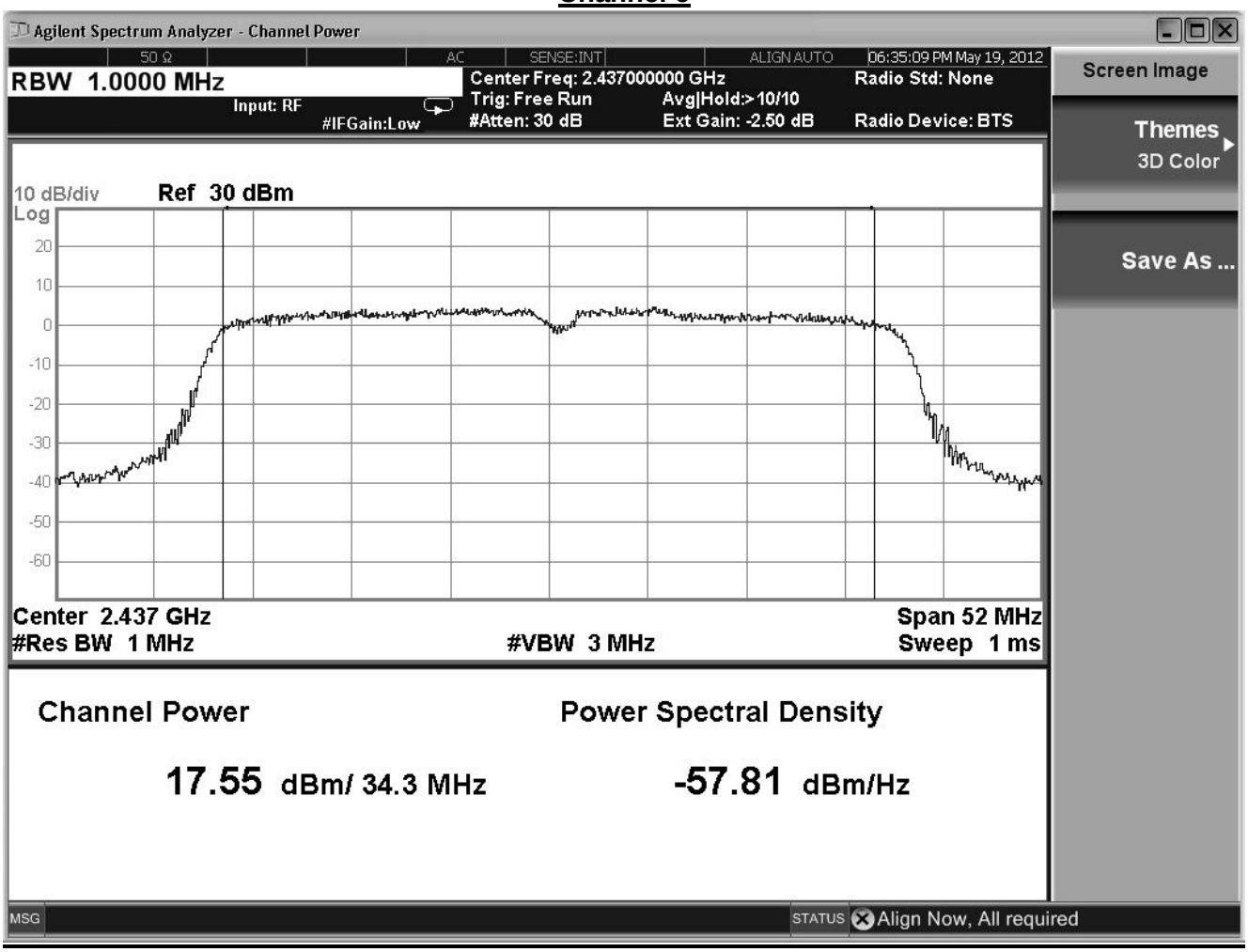
The worst emission of data rate is 27Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	17.51	--	--	-	--	--	-	--	30dBm
6	2437	17.55	17.51	17.48	17.42	17.37	17.34	17.25	17.21	30dBm
9	2452	17.62	--	--	-	--	--	-	--	30dBm

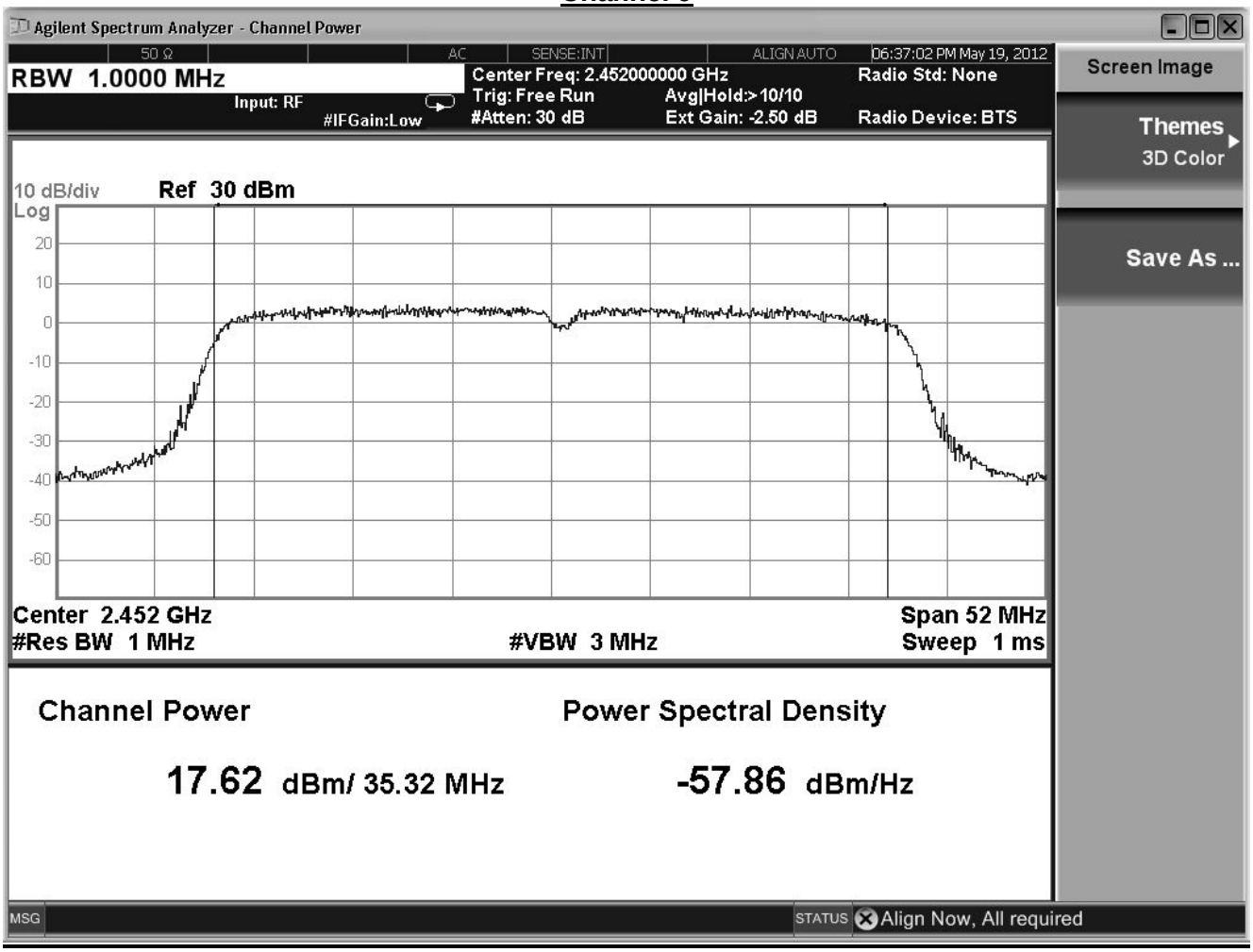
Channel 3


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:33:23 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.422 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
17.51 dBm/ 34.37 MHz
Power Spectral Density
-57.85 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:35:09 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
17.55 dBm/ 34.3 MHz
Power Spectral Density
-57.81 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 9


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:37:02 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.452 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
17.62 dBm/ 35.32 MHz
Power Spectral Density
-57.86 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

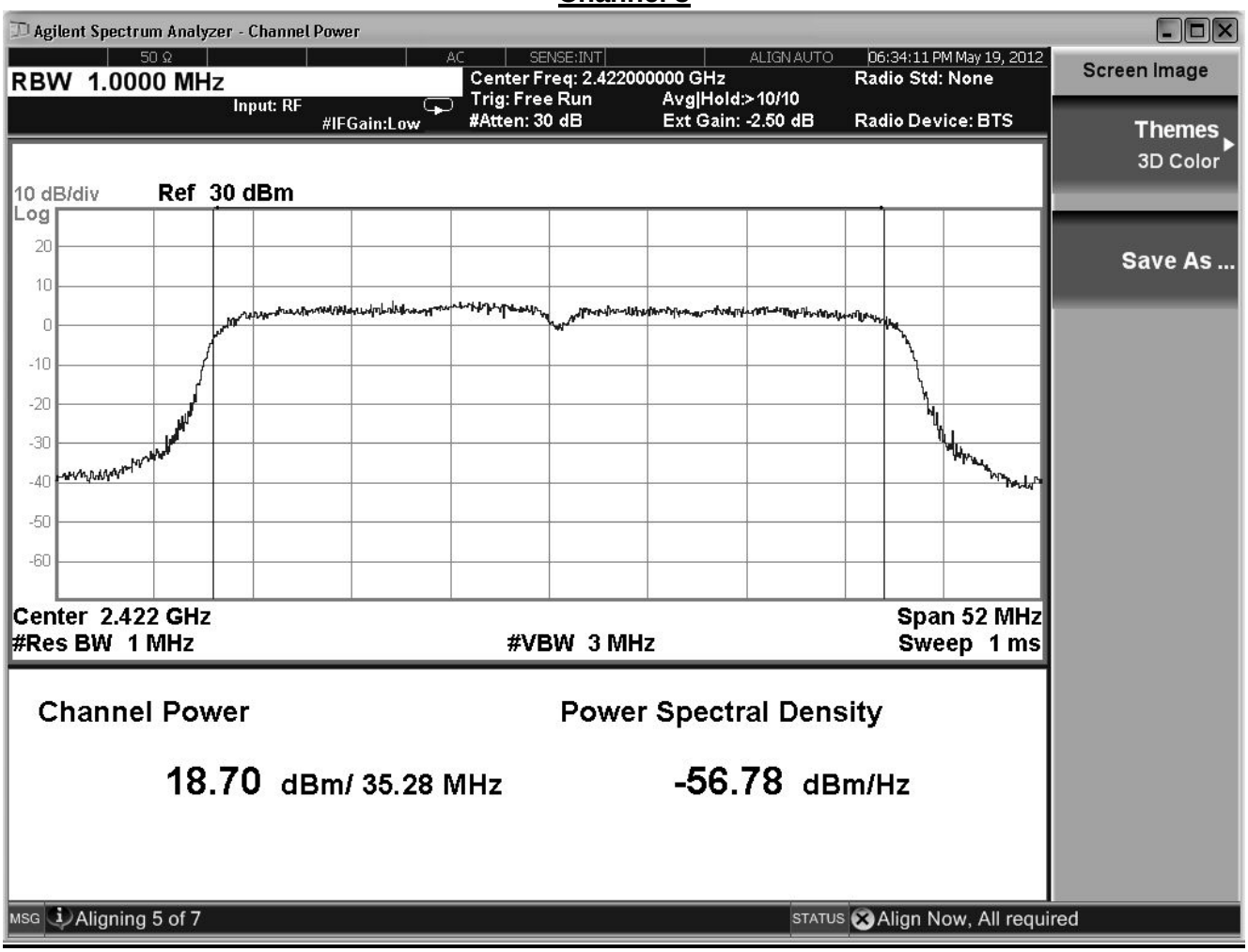
IEEE802.11n 40MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	18.70	1Watt= 30 dBm	Pass
6	2437	18.66	1Watt= 30 dBm	Pass
9	2452	18.34	1Watt= 30 dBm	Pass

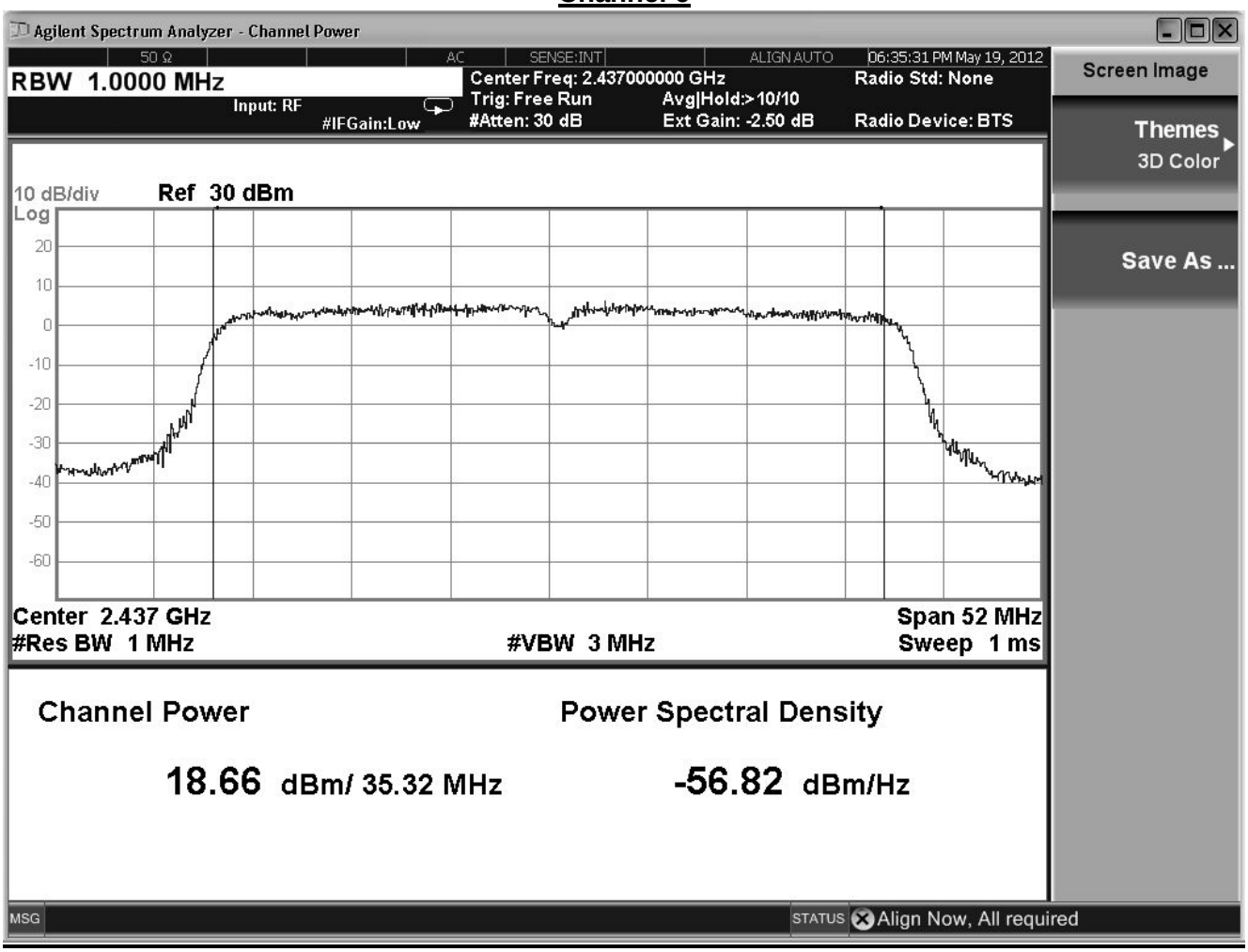
The worst emission of data rate is 27Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	18.70	--	--	-	--	--	-	--	30dBm
6	2437	18.66	18.62	18.56	18.52	18.47	18.42	18.34	18.26	30dBm
9	2452	18.34	--	--	-	--	--	-	--	30dBm

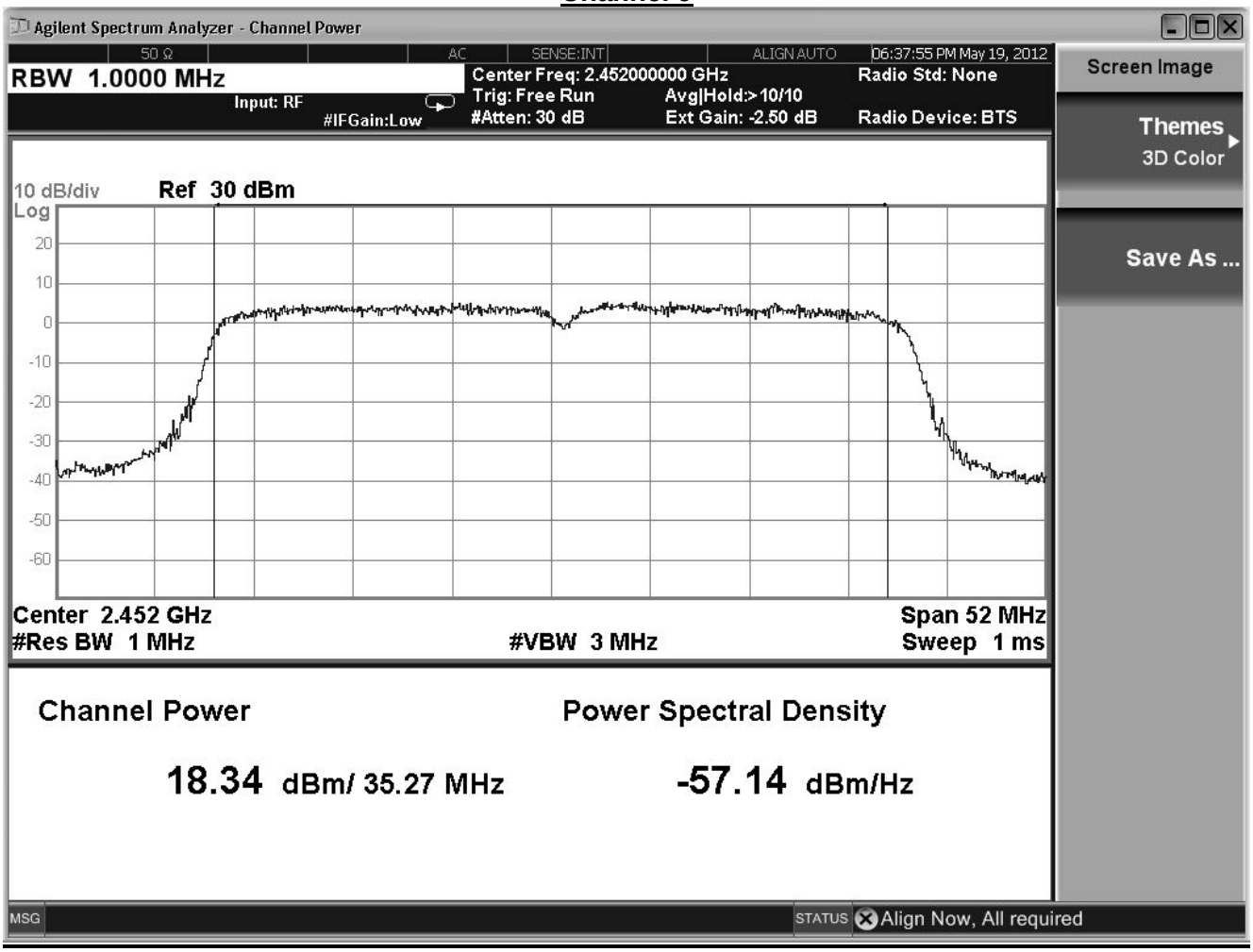
Channel 3


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:34:11 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.422 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
18.70 dBm/ 35.28 MHz
Power Spectral Density
-56.78 dBm/Hz
MSG
Aligning 5 of 7
STATUS
Align Now, All required

Channel 6


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:35:31 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.437 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
18.66 dBm/ 35.32 MHz
Power Spectral Density
-56.82 dBm/Hz
MSG
STATUS
Align Now, All required

Channel 9


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:37:55 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
Screen Image
Themes
3D Color
Save As ...
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.452 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
18.34 dBm/ 35.27 MHz
Power Spectral Density
-57.14 dBm/Hz
MSG
STATUS
Align Now, All required

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

IEEE802.11n 40MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	21.16	1Watt= 30 dBm	Pass
6	2437	21.15	1Watt= 30 dBm	Pass
9	2452	21.01	1Watt= 30 dBm	Pass

The worst emission of data rate is 27Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	21.16	--	--	-	--	--	-	--	30dBm
6	2437	21.15	21.02	20.94	20.83	20.81	20.78	20.66	20.51	30dBm
9	2452	21.01	--	--	-	--	--	-	--	30dBm

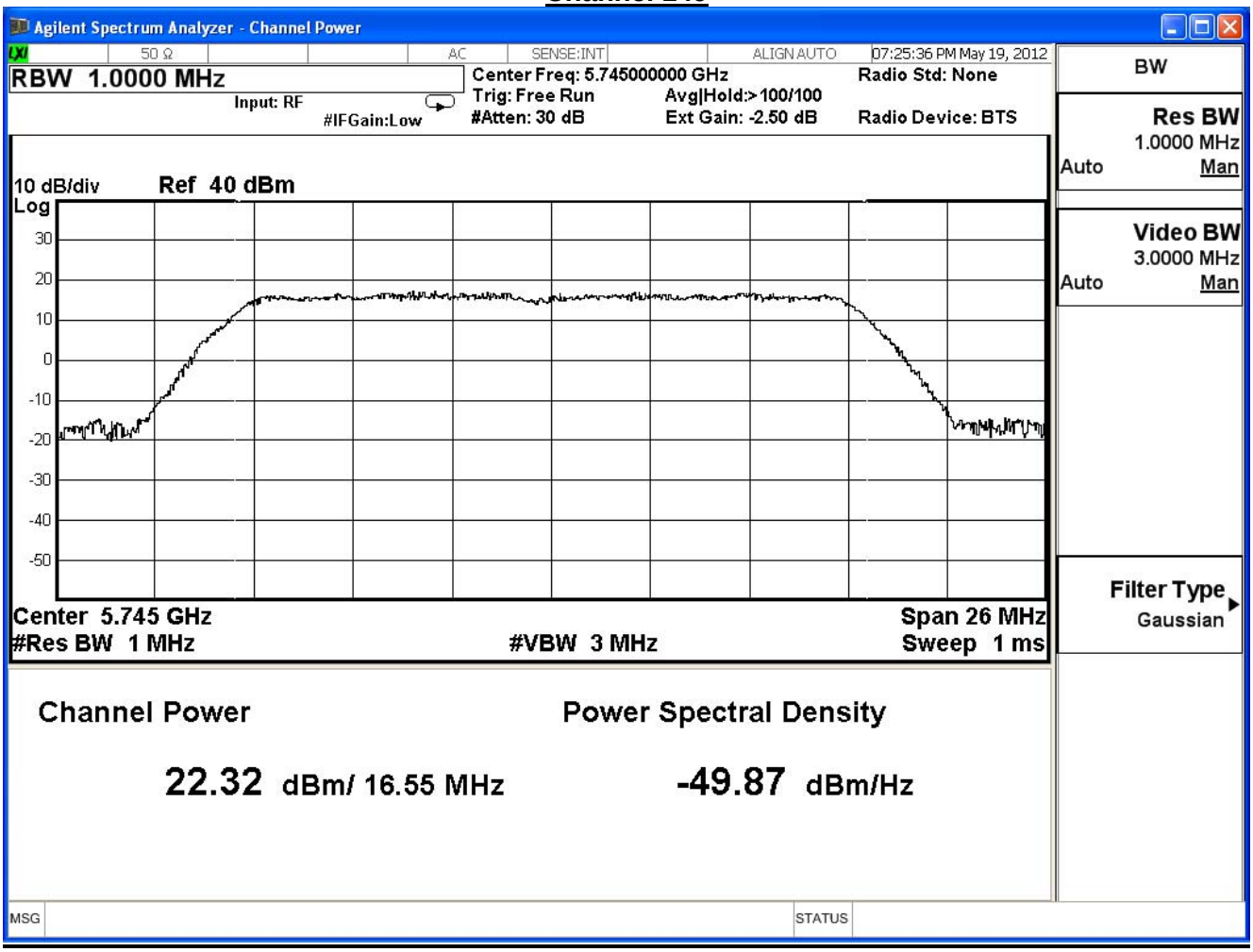
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.32	1Watt= 30 dBm	Pass
157	5785	22.46	1Watt= 30 dBm	Pass
165	5825	21.58	1Watt= 30 dBm	Pass

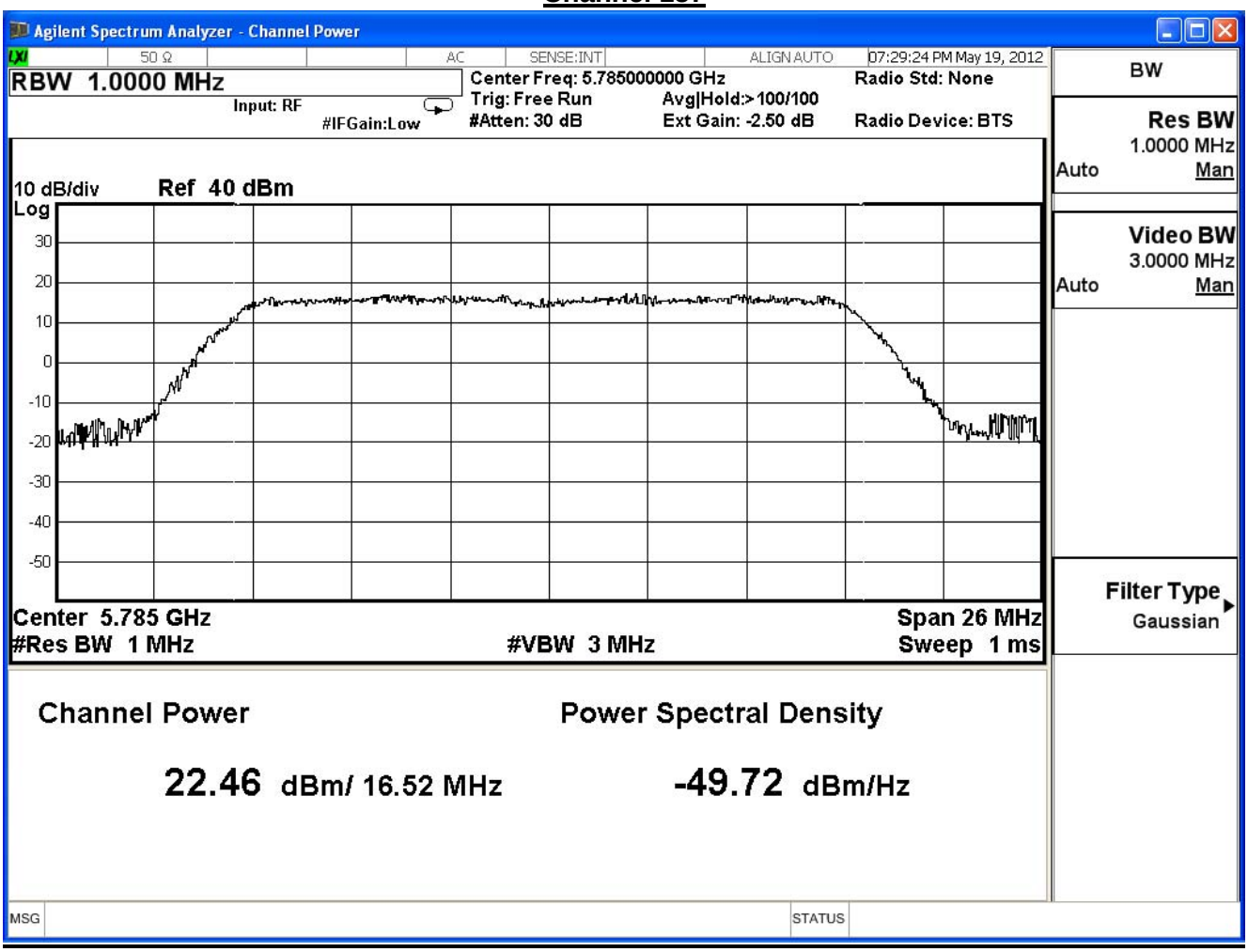
The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	22.32	--	--	--	--	--	--	1Watt= 30 dBm
157	5785	22.46	21.94	21.84	21.62	21.51	21.42	21.34	1Watt= 30 dBm
165	5825	21.58	--	--	--	--	--	--	1Watt= 30 dBm

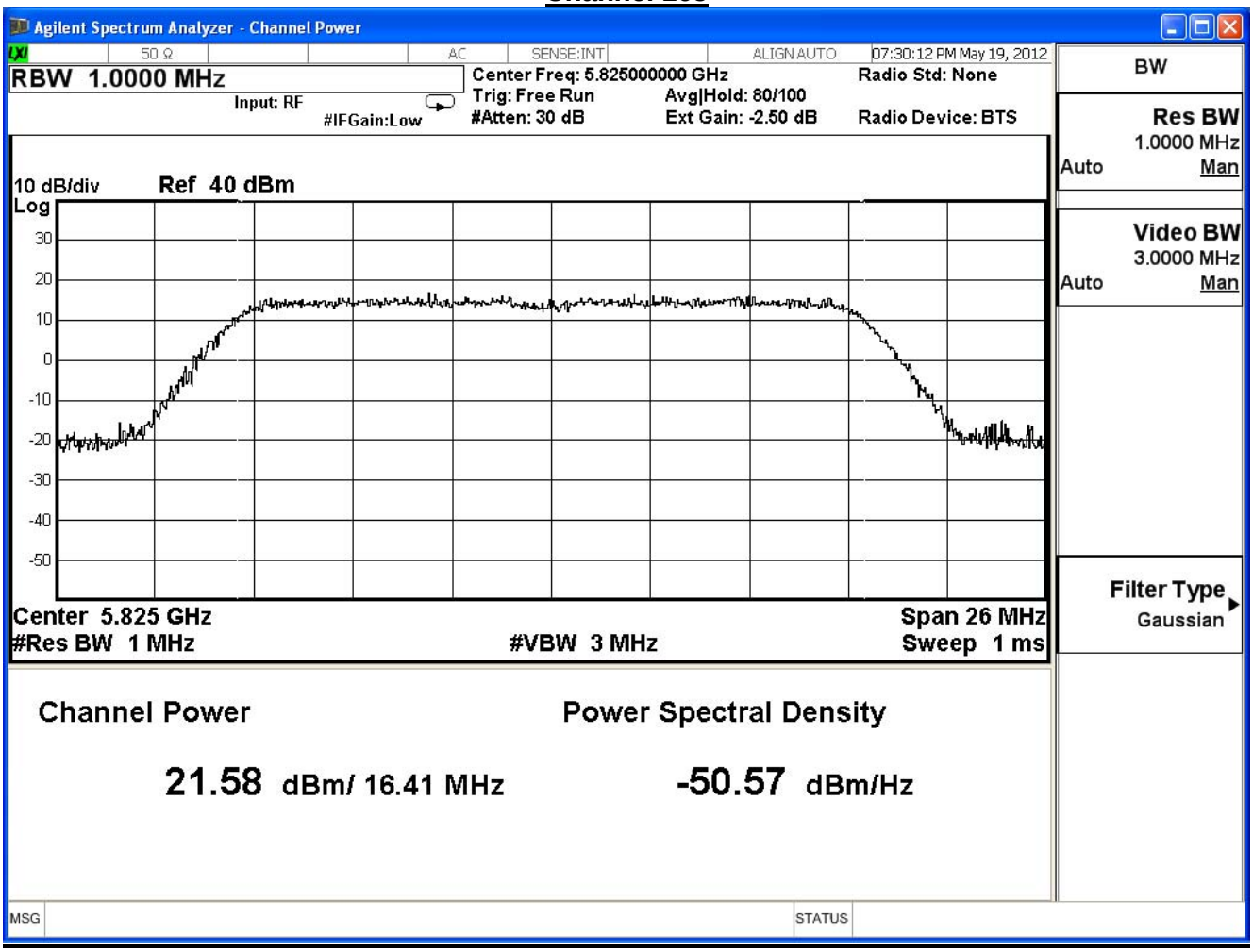
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:25:36 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.745 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Filter Type
Gaussian
Channel Power
22.32 dBm/ 16.55 MHz
Power Spectral Density
-49.87 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:29:24 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.785 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.46 dBm/ 16.52 MHz
Power Spectral Density
-49.72 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:30:12 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 80/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
21.58 dBm/ 16.41 MHz
Power Spectral Density
-50.57 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

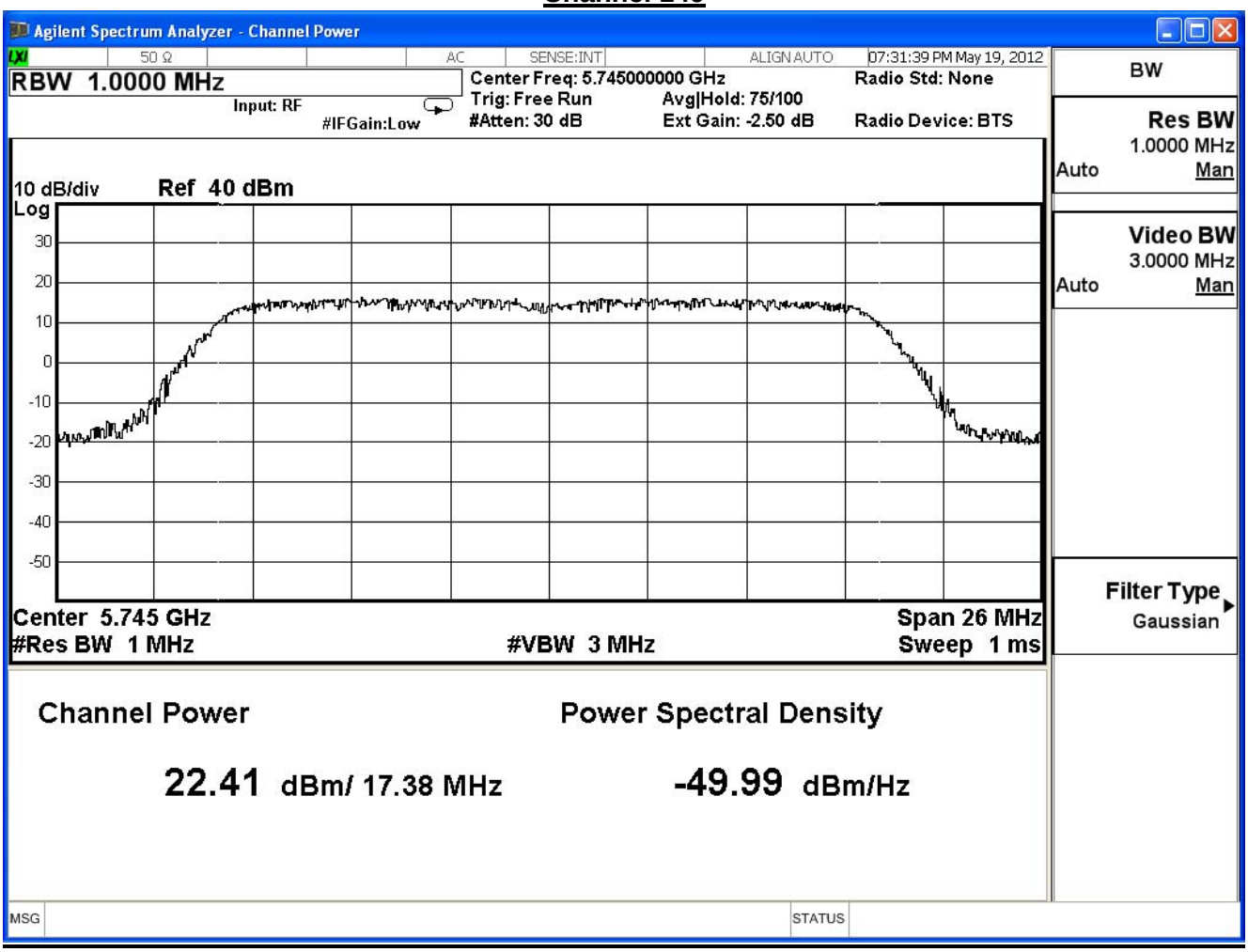
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.41	1Watt= 30 dBm	Pass
157	5785	21.97	1Watt= 30 dBm	Pass
165	5825	22.30	1Watt= 30 dBm	Pass

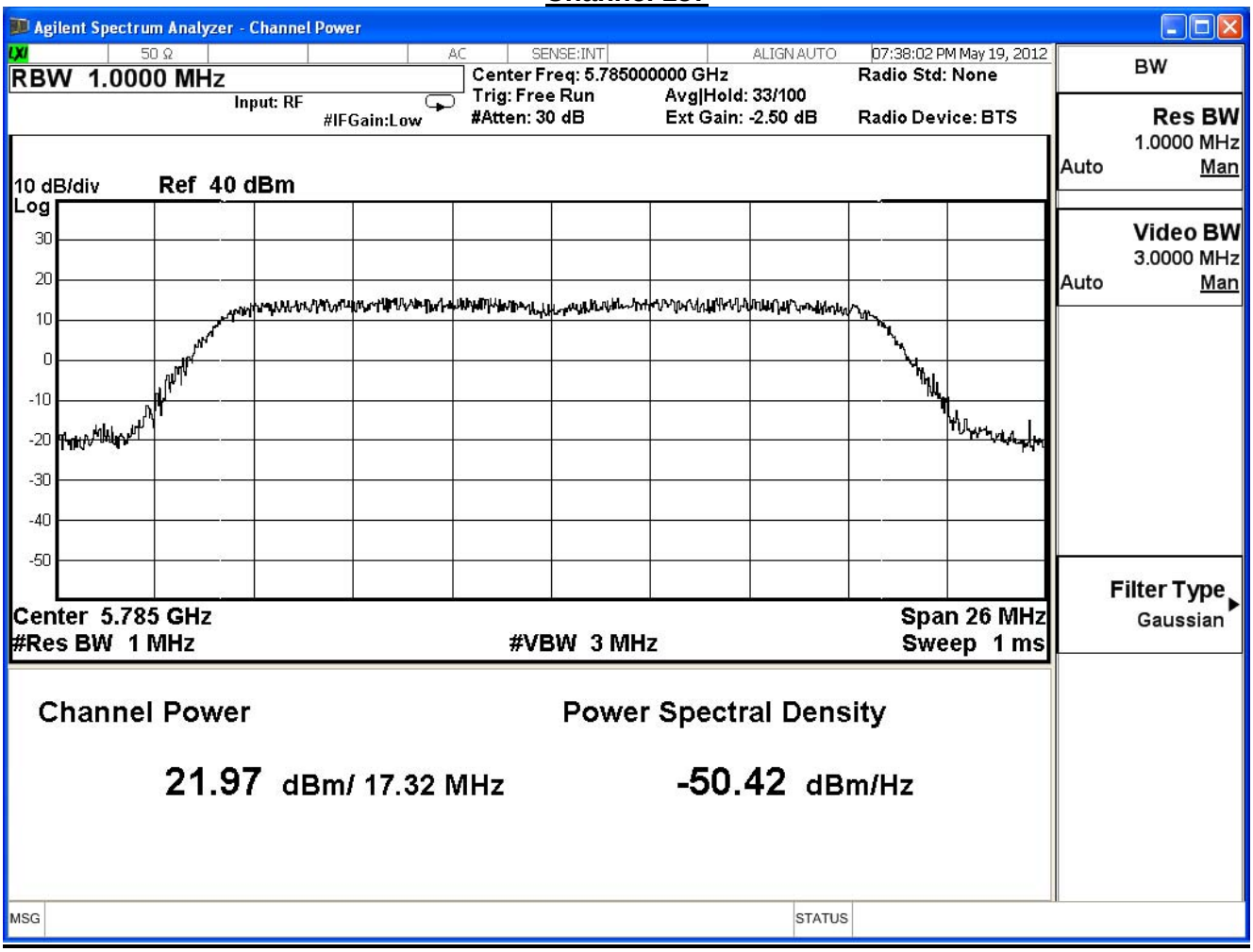
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	22.41	--	--	--	--	--	--	--	30dBm
157	5785	21.97	21.76	21.72	21.71	21.62	21.59	21.52	21.42	30dBm
165	5825	22.30	--	--	--	--	--	--	--	30dBm

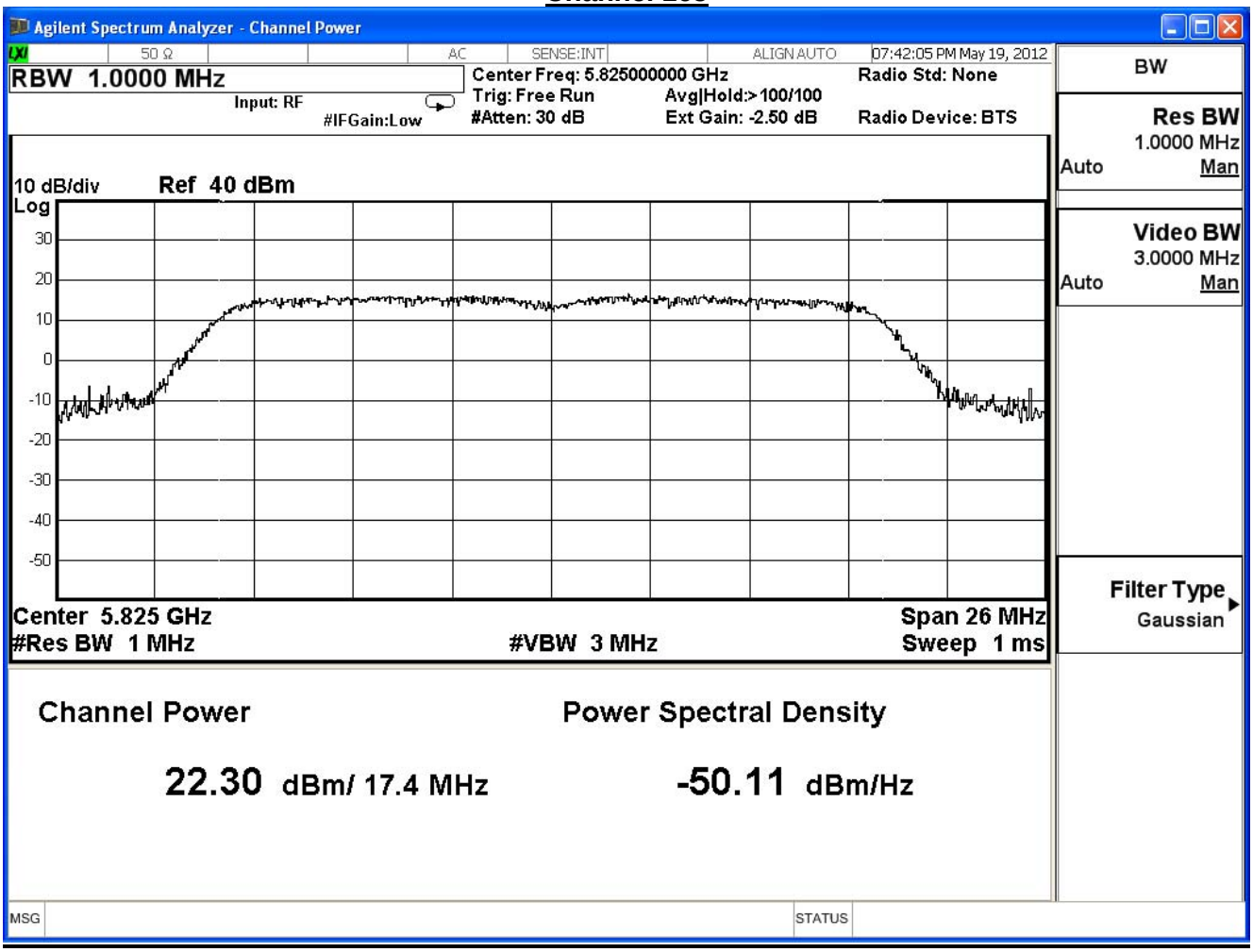
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:31:39 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold: 75/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.745 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.41 dBm/ 17.38 MHz
Power Spectral Density
-49.99 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:38:02 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 33/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.785 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
21.97 dBm/ 17.32 MHz
Power Spectral Density
-50.42 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:42:05 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.30 dBm/ 17.4 MHz
Power Spectral Density
-50.11 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

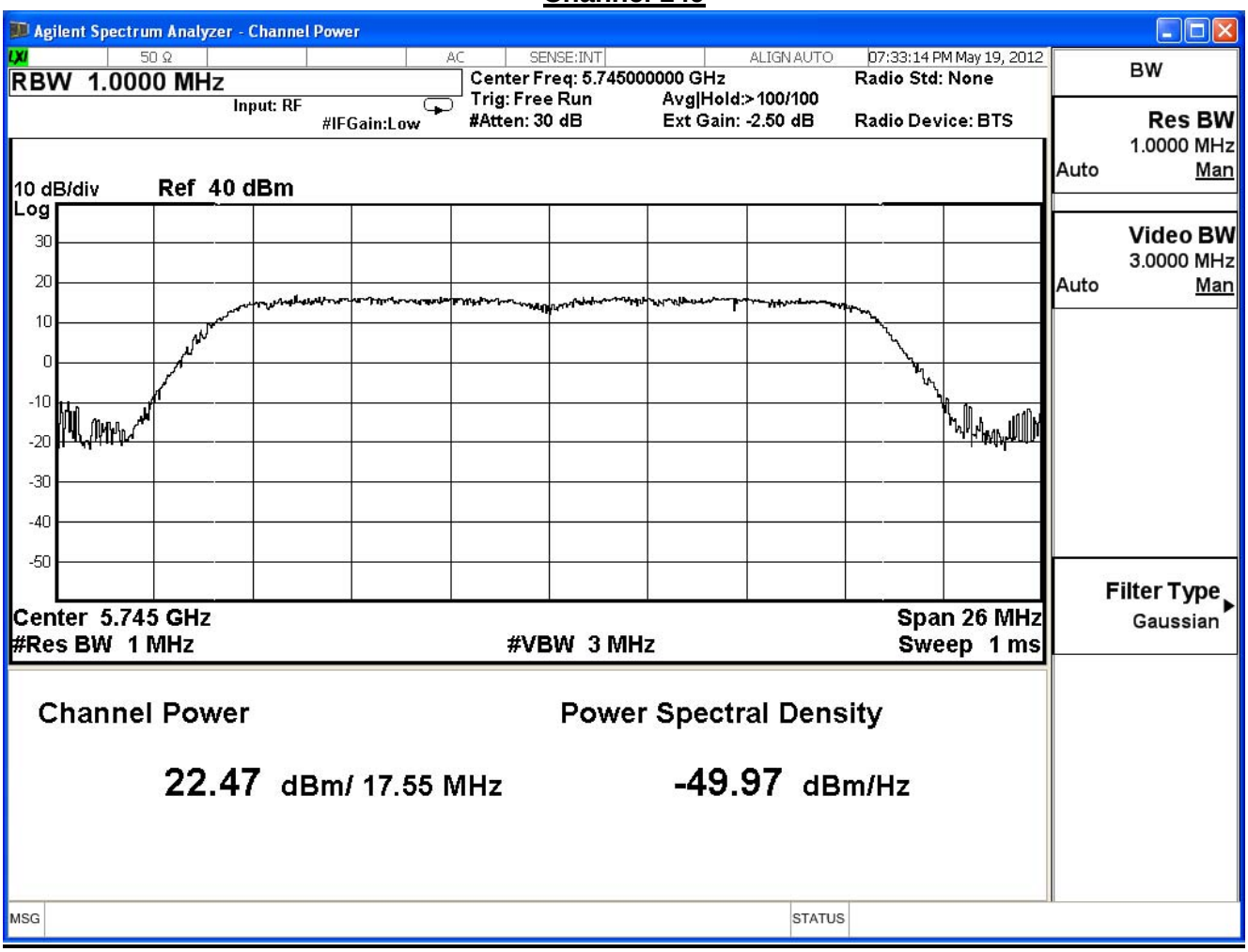
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.47	1Watt= 30 dBm	Pass
157	5785	22.47	1Watt= 30 dBm	Pass
165	5825	22.61	1Watt= 30 dBm	Pass

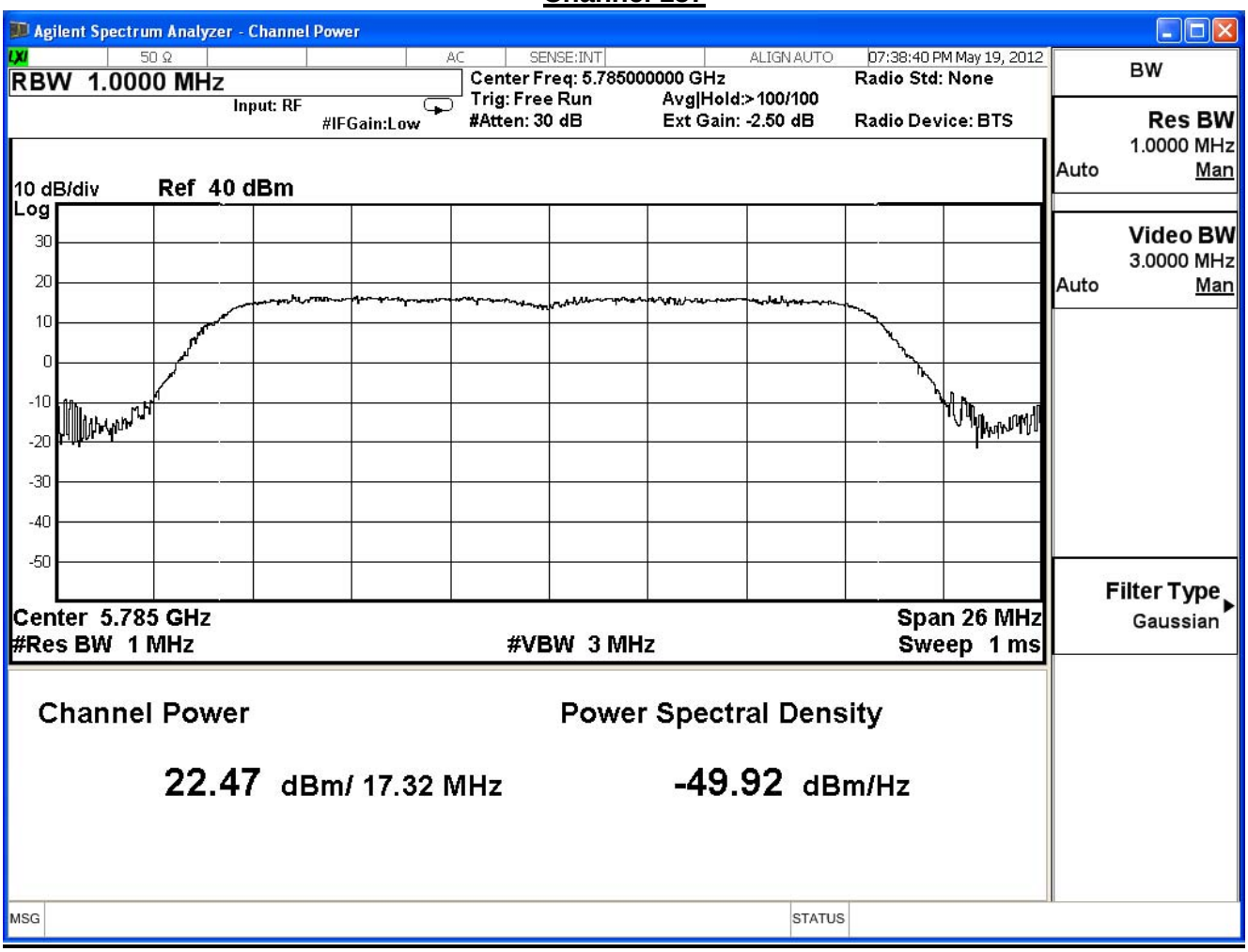
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	22.47	--	--	--	--	--	--	--	30dBm
157	5785	22.47	21.85	21.81	21.64	21.53	21.51	21.46	21.42	30dBm
165	5825	22.61	--	--	--	--	--	--	--	30dBm

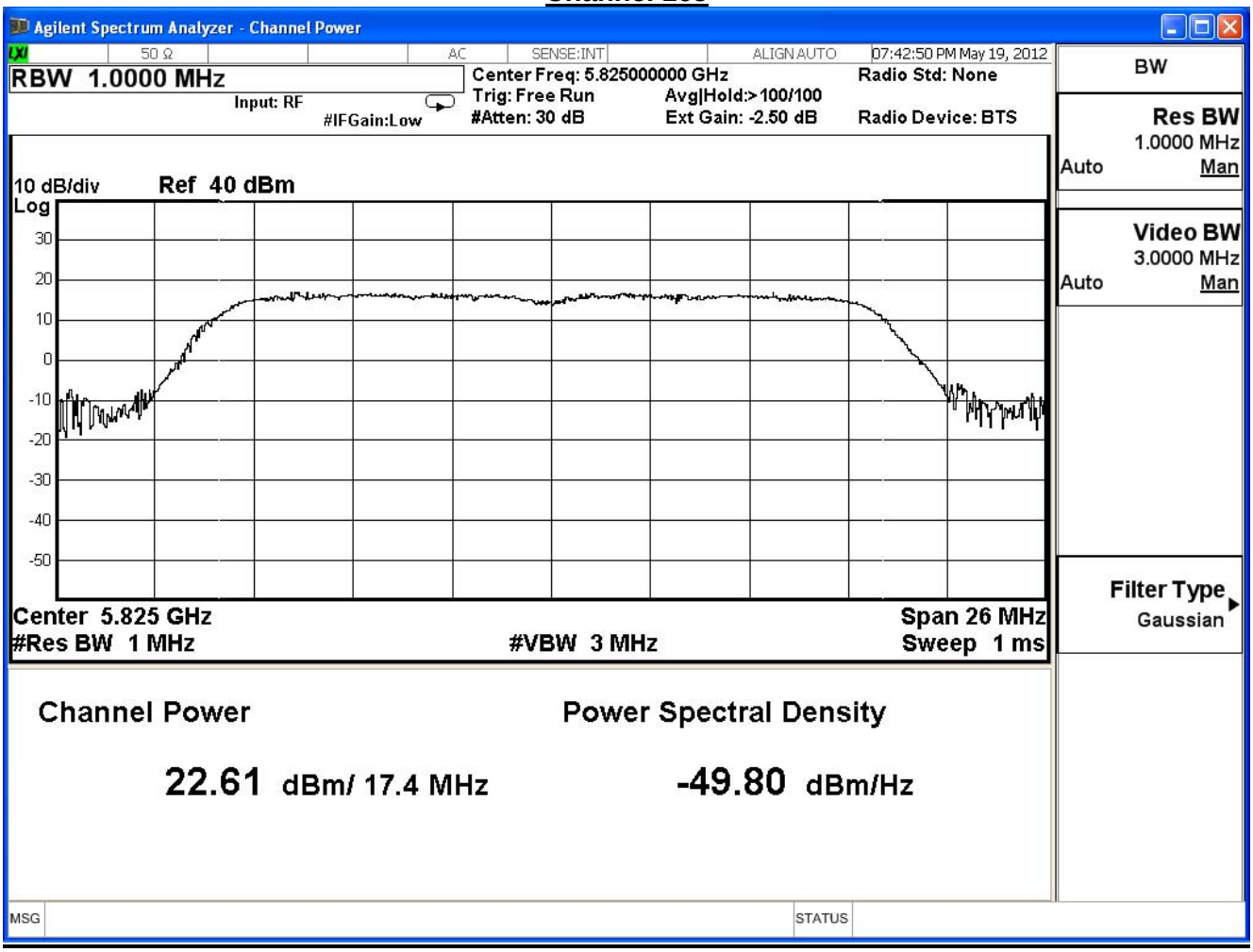
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:33:14 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.745 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.47 dBm/ 17.55 MHz
Power Spectral Density
-49.97 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:38:40 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.785 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Filter Type
Gaussian
Channel Power
22.47 dBm/ 17.32 MHz
Power Spectral Density
-49.92 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:42:50 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.61 dBm/ 17.4 MHz
Power Spectral Density
-49.80 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

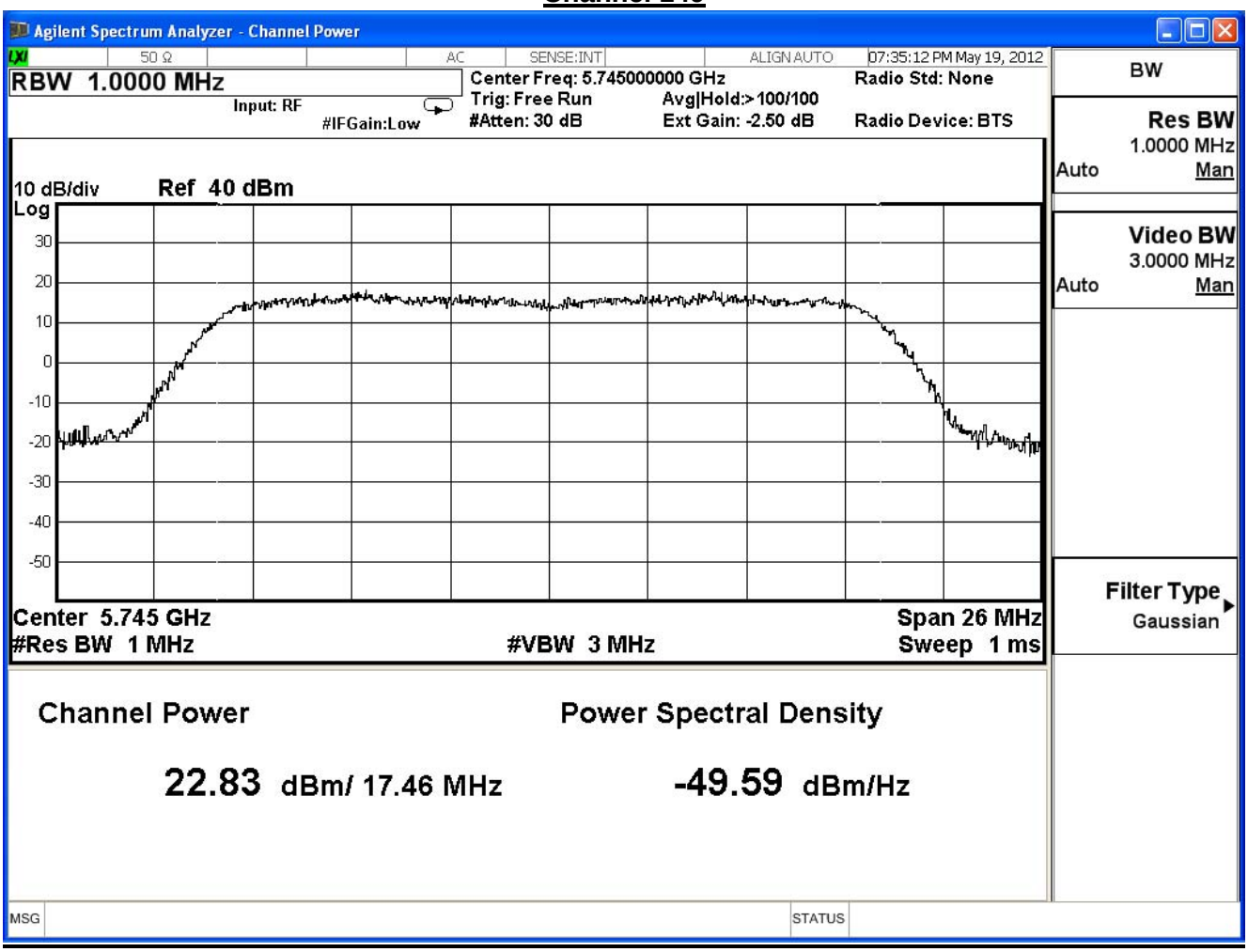
IEEE 802.11n 20MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.83	1Watt= 30 dBm	Pass
157	5785	22.05	1Watt= 30 dBm	Pass
165	5825	22.19	1Watt= 30 dBm	Pass

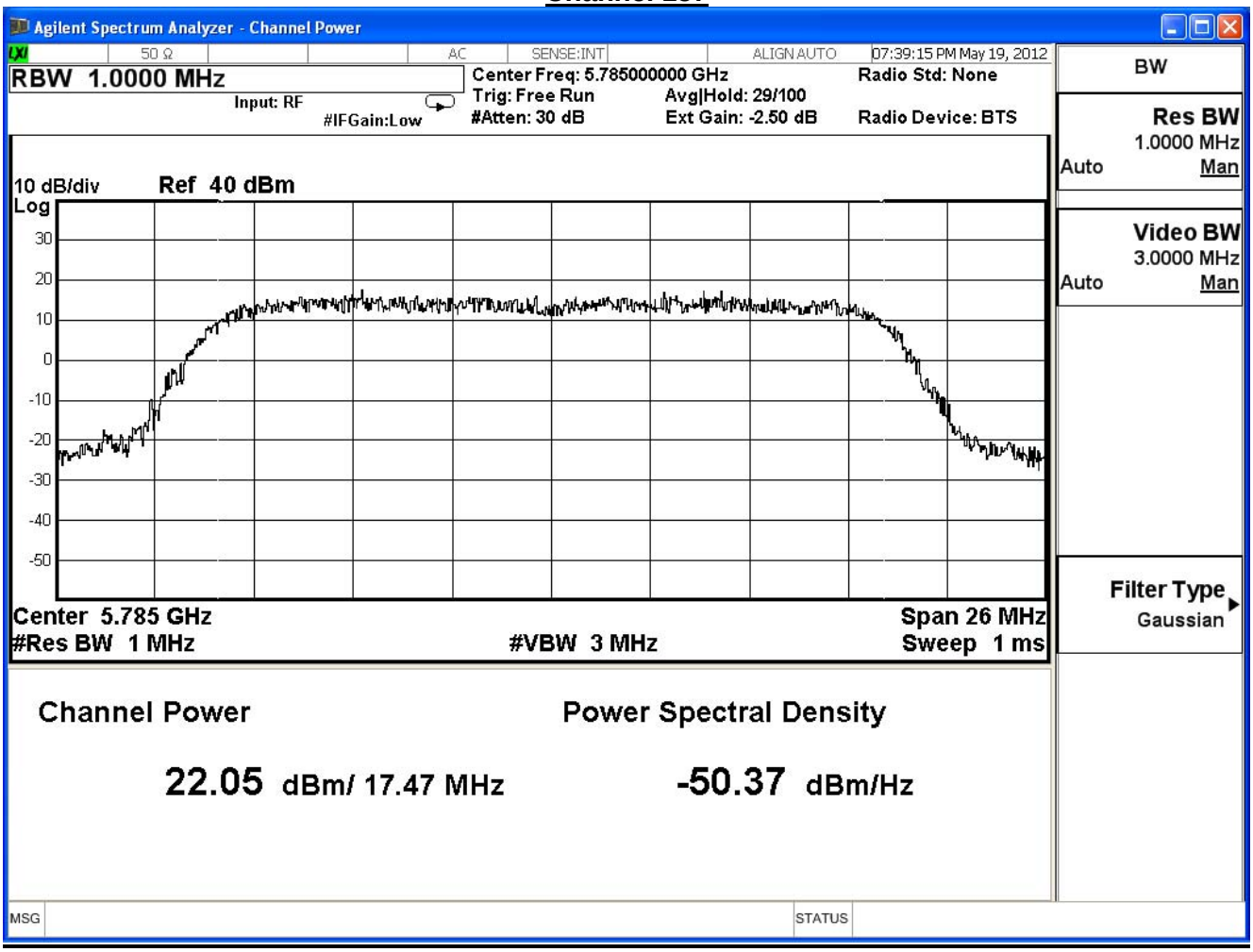
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	22.83	--	--	--	--	--	--	--	30dBm
157	5785	22.05	21.76	21.74	21.76	21.65	21.64	21.63	21.54	30dBm
165	5825	22.19	--	--	--	--	--	--	--	30dBm

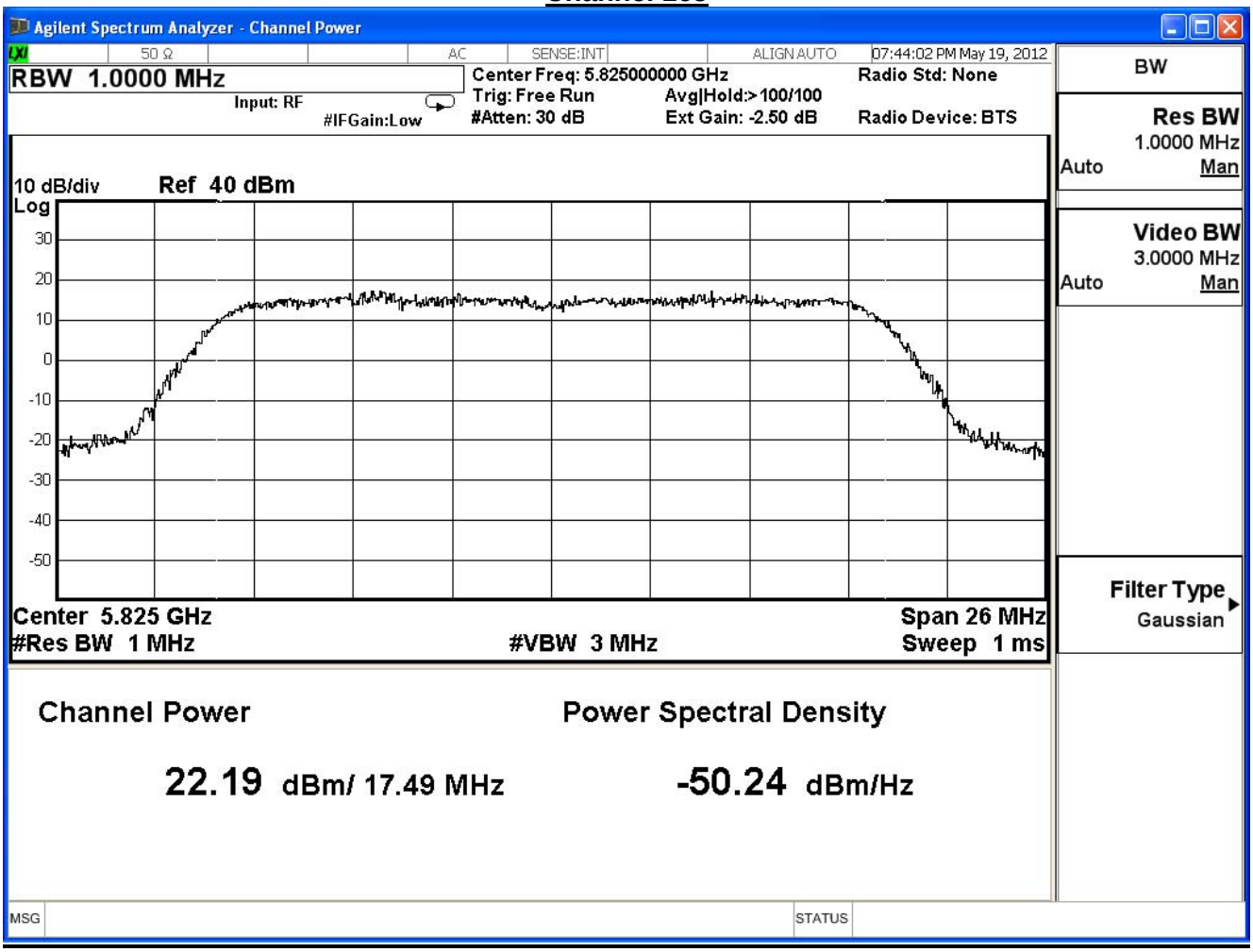
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:35:12 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.745 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.83 dBm/ 17.46 MHz
Power Spectral Density
-49.59 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:39:15 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 29/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.785 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Channel Power
22.05 dBm/ 17.47 MHz
Power Spectral Density
-50.37 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:44:02 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 26 MHz
Sweep 1 ms
Filter Type
Gaussian
Channel Power
22.19 dBm/ 17.49 MHz
Power Spectral Density
-50.24 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	27.35	1Watt= 30 dBm	Pass
157	5785	26.94	1Watt= 30 dBm	Pass
165	5825	27.14	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	27.35	--	--	--	--	--	--	--	30dBm
157	5785	26.94	26.01	25.98	25.88	25.78	25.62	25.55	25.54	30dBm
165	5825	27.14	--	--	--	--	--	--	--	30dBm

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

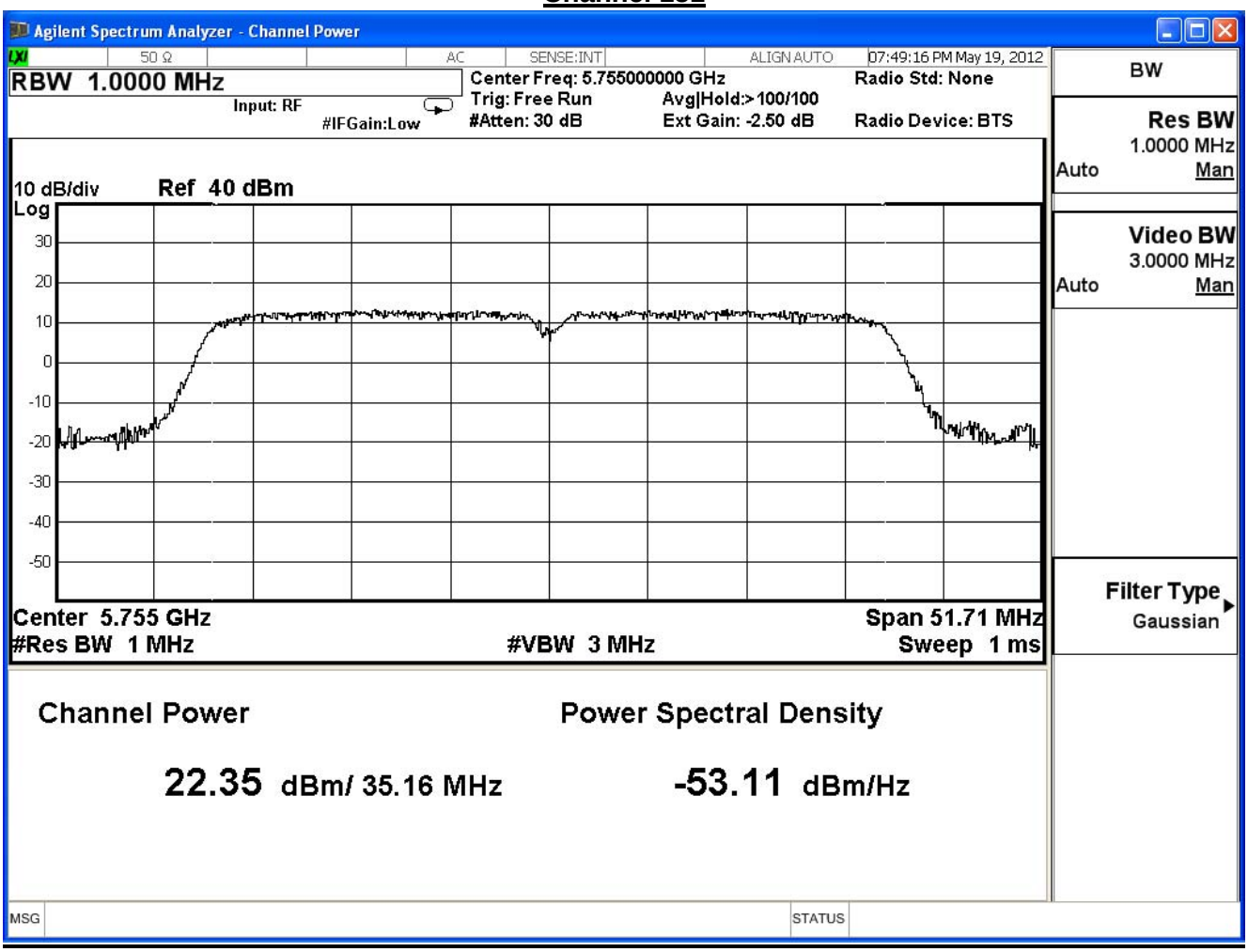
IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	22.35	1Watt= 30 dBm	Pass
159	5795	22.03	1Watt= 30 dBm	Pass

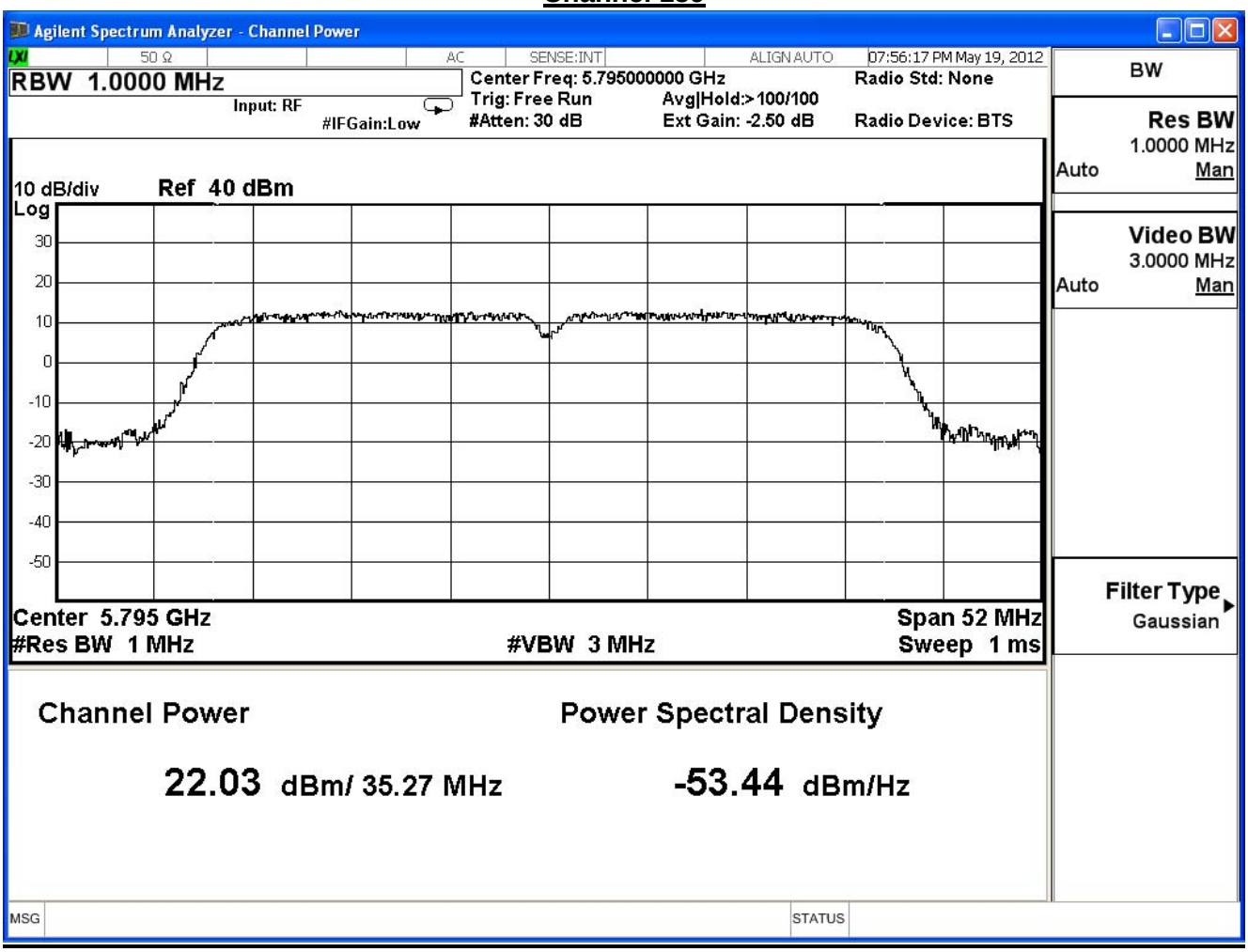
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	22.35	21.43	21.36	21.24	21.12	21.03	21.95	21.91	30dBm
159	5795	22.03	--	--	--	--	--	--	--	30dBm

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:49:16 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.755 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 51.71 MHz
Sweep 1 ms
Channel Power
22.35 dBm/ 35.16 MHz
Power Spectral Density
-53.11 dBm/Hz
MSG
STATUS

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:56:17 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.795 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
22.03 dBm/ 35.27 MHz
Power Spectral Density
-53.44 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

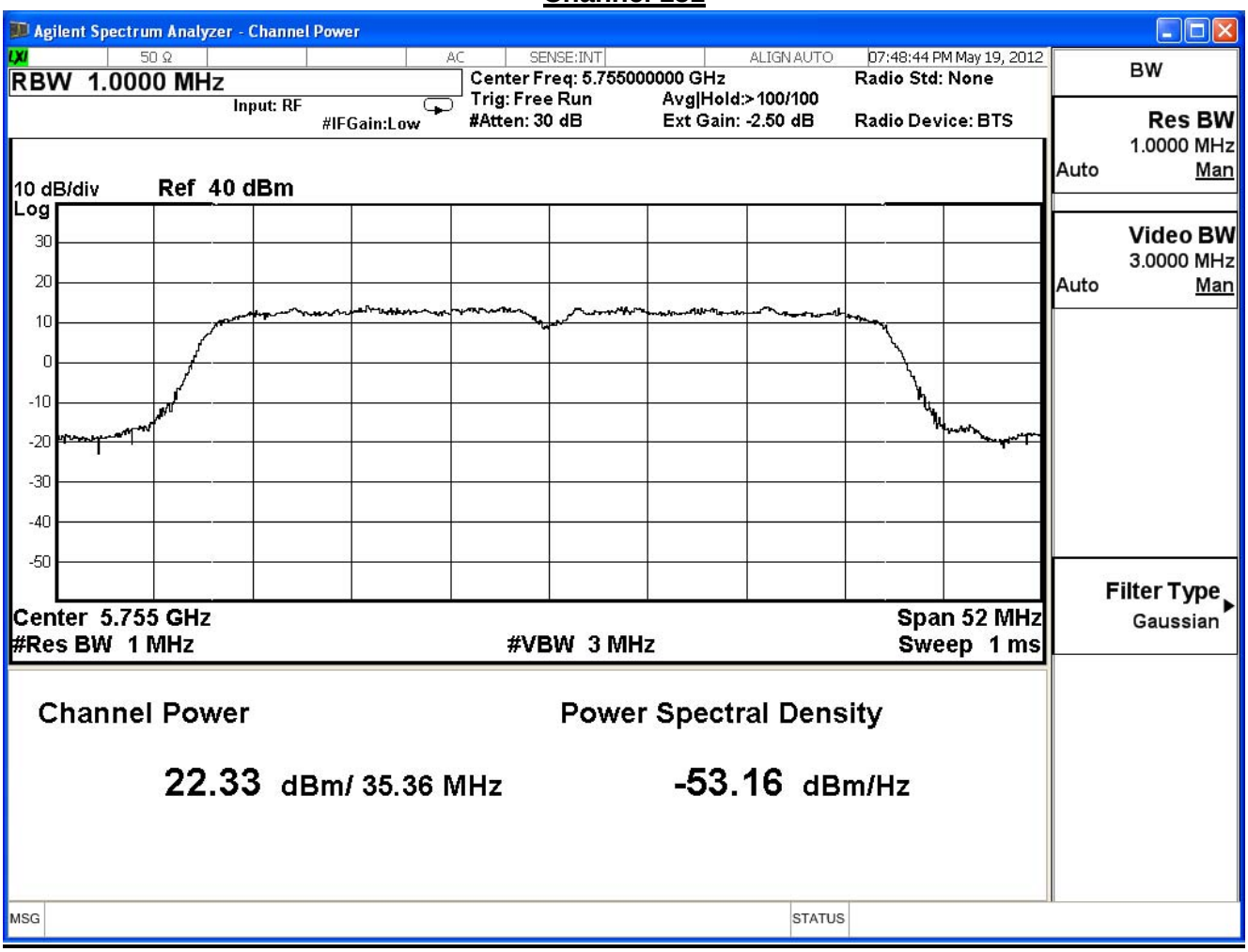
IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	22.33	1Watt= 30 dBm	Pass
159	5795	22.77	1Watt= 30 dBm	Pass

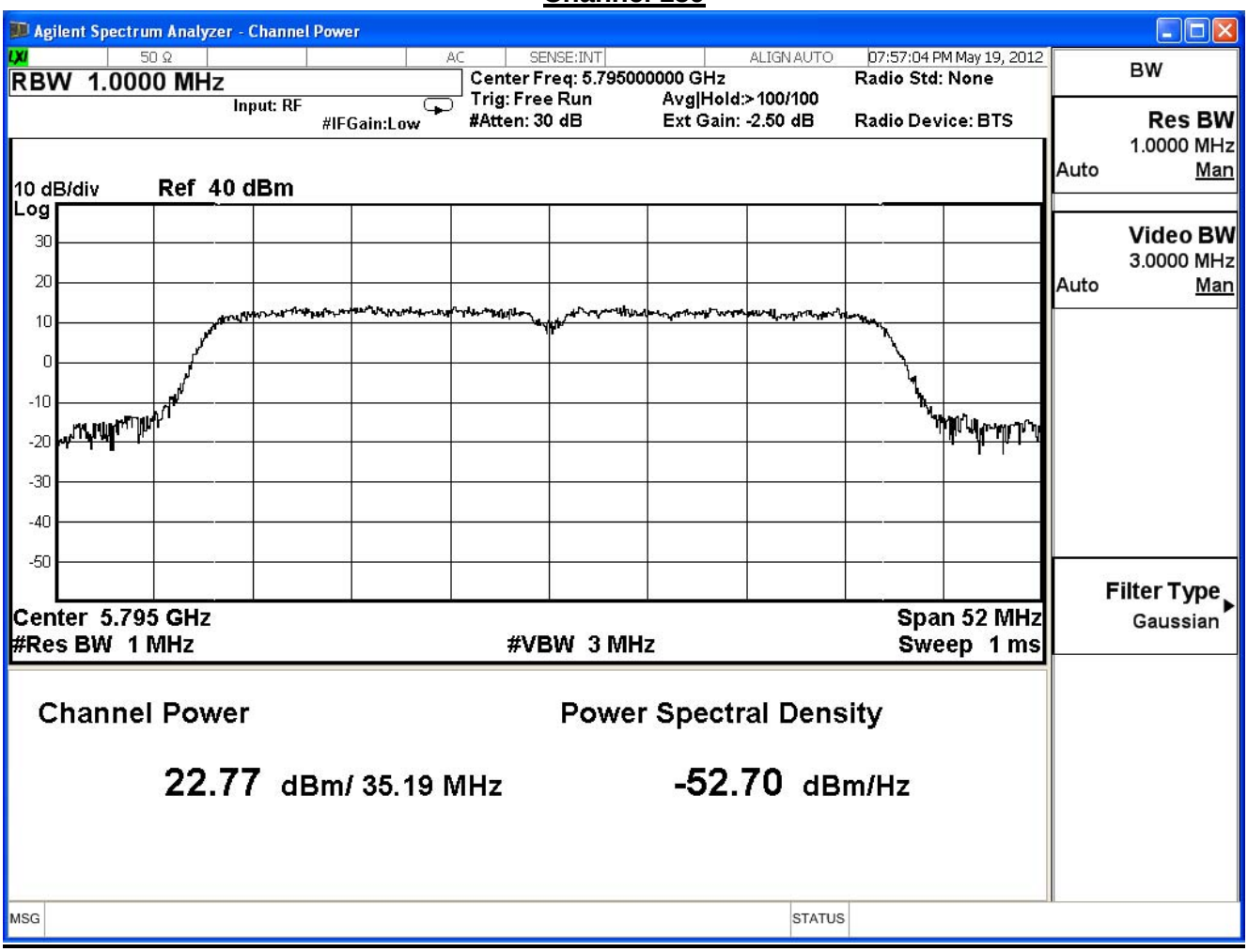
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	22.33	21.01	21.88	21.72	21.51	21.43	21.32	21.12	30dBm
159	5795	22.77	--	--	--	--	--	--	--	30dBm

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:48:44 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.755 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
22.33 dBm/ 35.36 MHz
Power Spectral Density
-53.16 dBm/Hz
MSG
STATUS

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:57:04 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.795 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Channel Power
22.77 dBm/ 35.19 MHz
Power Spectral Density
-52.70 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

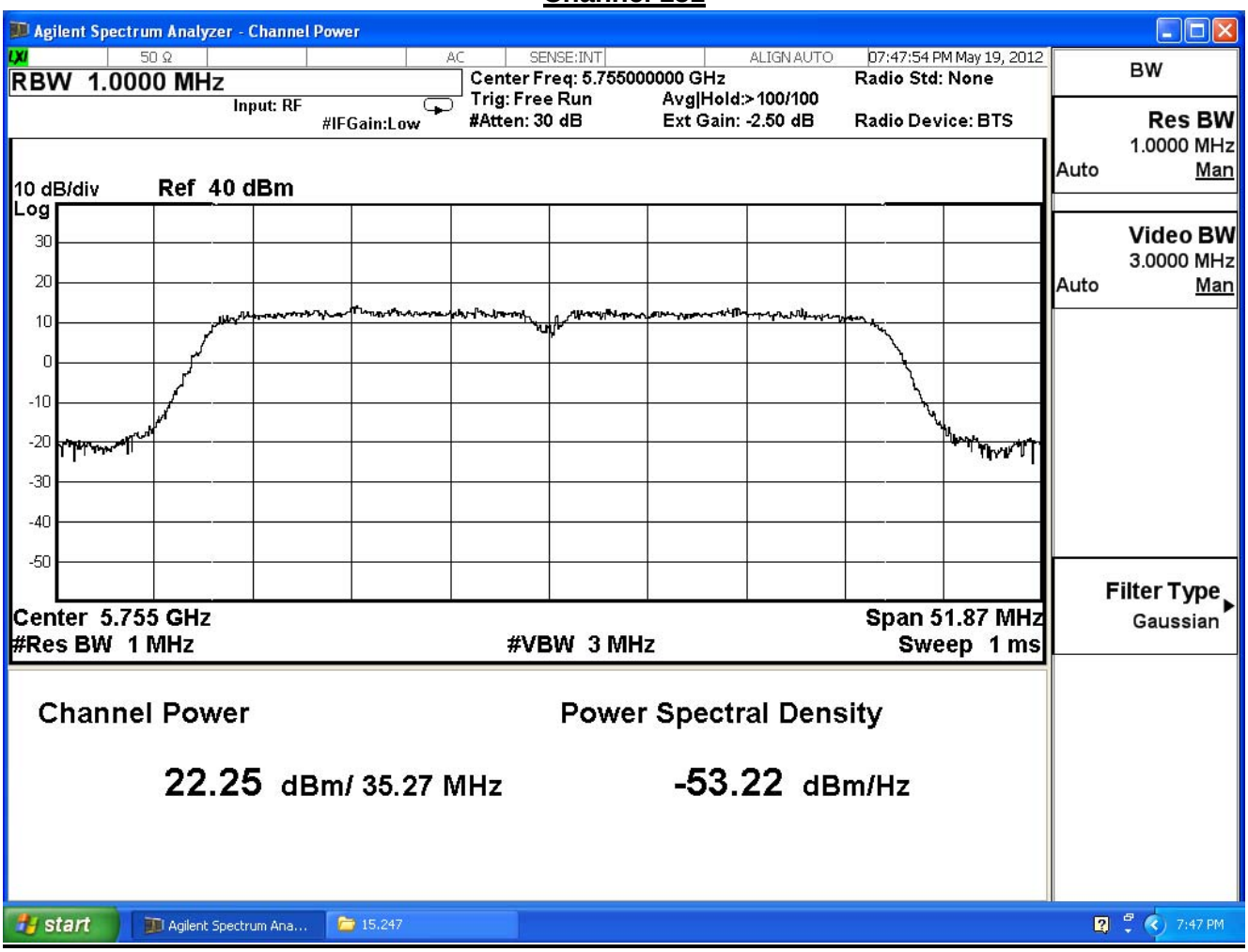
IEEE802.11n 40MHz(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	22.25	1Watt= 30 dBm	Pass
159	5795	22.60	1Watt= 30 dBm	Pass

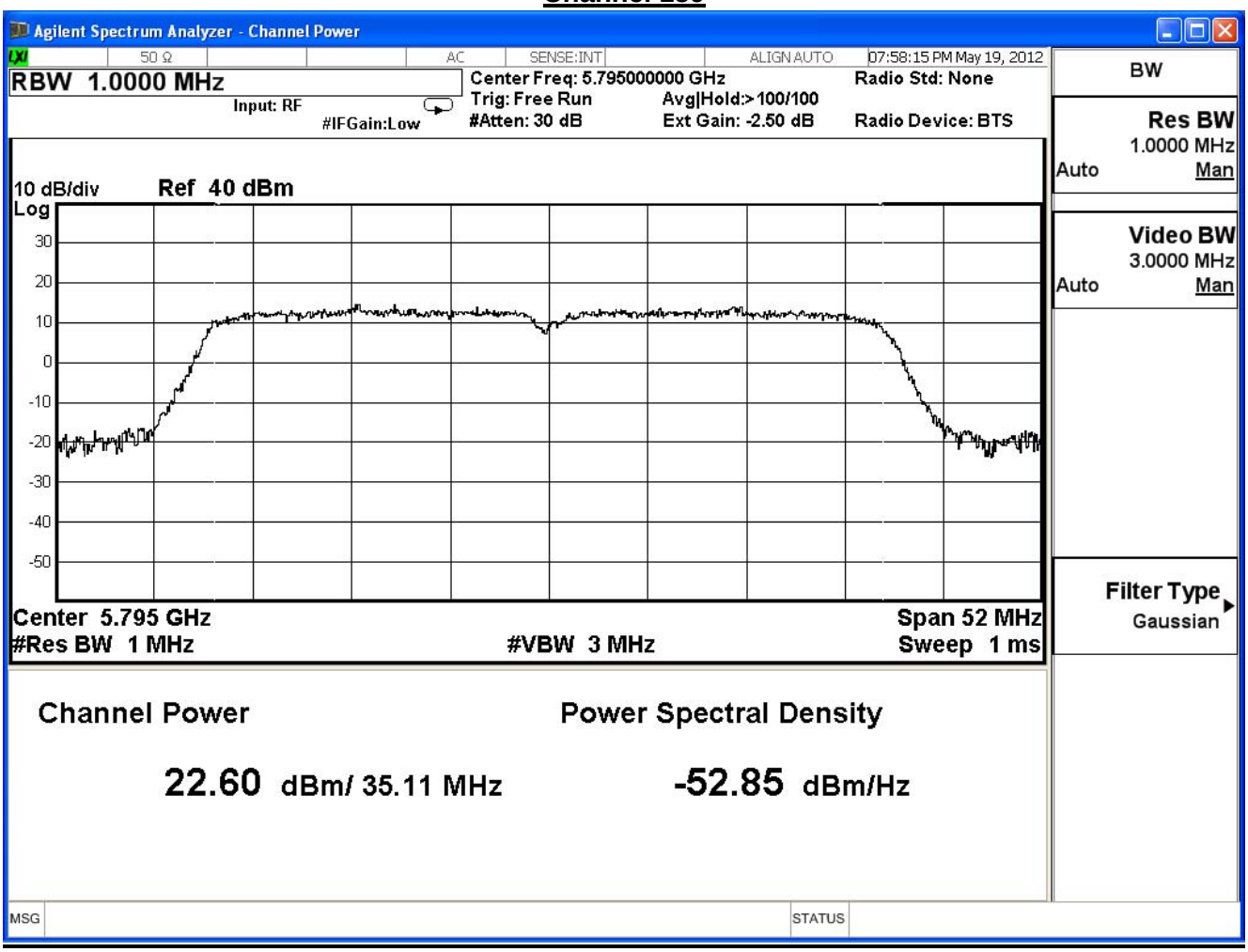
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	22.25	21.13	21.11	21.02	21.94	21.81	21.71	21.62	30dBm
159	5795	22.60	--	--	--	--	--	--	--	30dBm

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:47:54 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
Filter Type
Gaussian
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.755 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 51.87 MHz
Sweep 1 ms
Channel Power
22.25 dBm/ 35.27 MHz
Power Spectral Density
-53.22 dBm/Hz
start
Agilent Spectrum Ana...
15.247
7:47 PM

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:58:15 PM May 19, 2012
RBW 1.0000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.50 dB
Radio Std: None
Radio Device: BTS
BW
Res BW
1.0000 MHz
Auto
Man
Video BW
3.0000 MHz
Auto
Man
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.795 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 52 MHz
Sweep 1 ms
Filter Type
Gaussian
Channel Power
22.60 dBm/ 35.11 MHz
Power Spectral Density
-52.85 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/05/21	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	27.08	1Watt= 30 dBm	Pass
159	5795	27.25	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	27.08	26.12	26.01	26.94	26.83	26.82	26.78	26.73	30dBm
159	5795	27.25	--	--	--	--	--	--	--	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

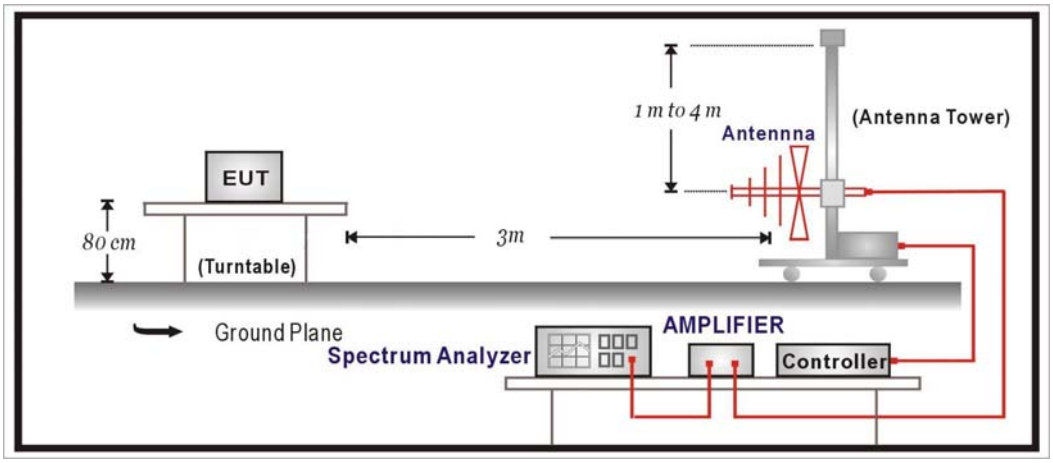
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895	2012/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120D	743	2013/02/02
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2012/12/05
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2013/03/01
Spectrum Analyzer	Agilent	E4440A	MY46187335	2013/02/07
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2013/03/04

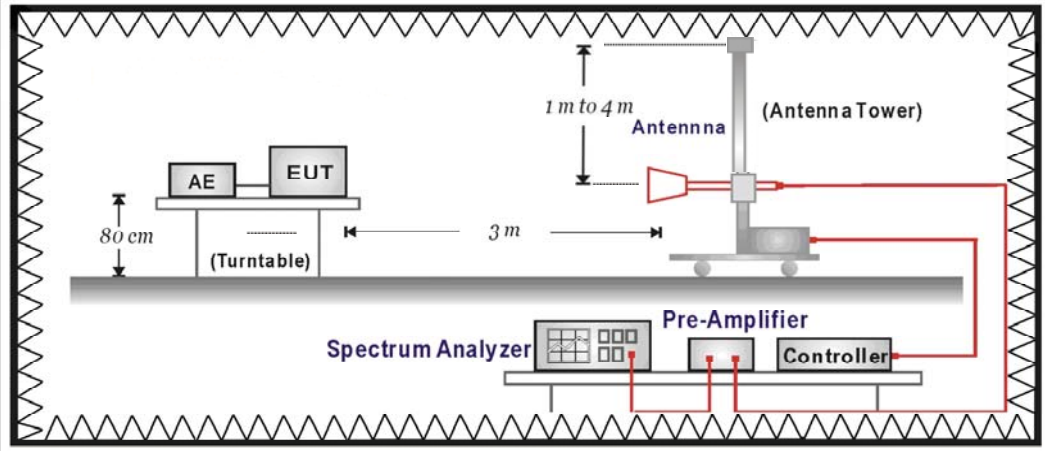
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Jan. 2012 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2011

4.6. Uncertainty

The measurement uncertainty

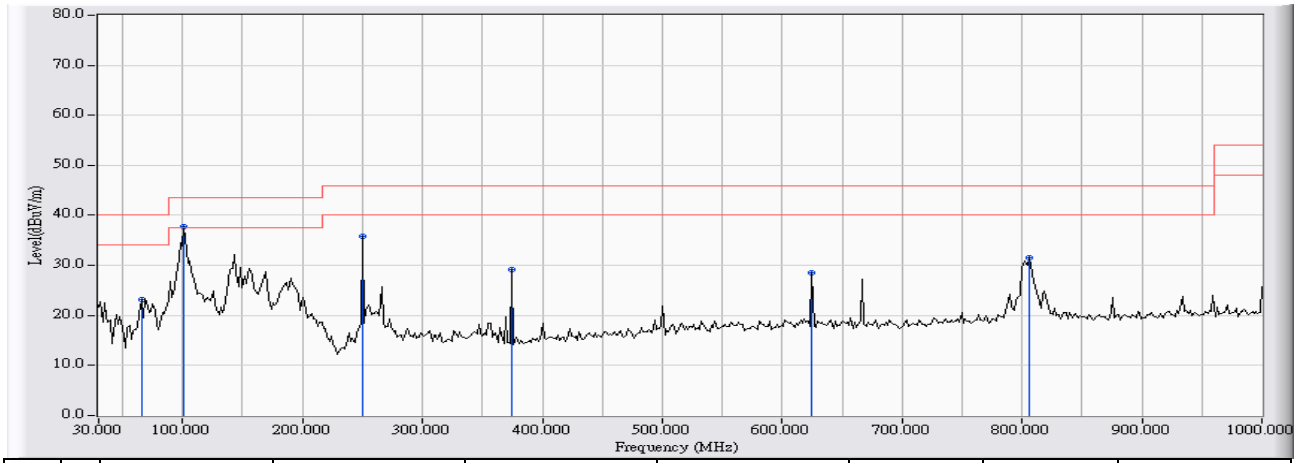
30MHz～1GHz as ±3.43dB

1GHz～26.5Ghz as ±3.65dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2012/05/11 - 11:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11b_2437MHz**

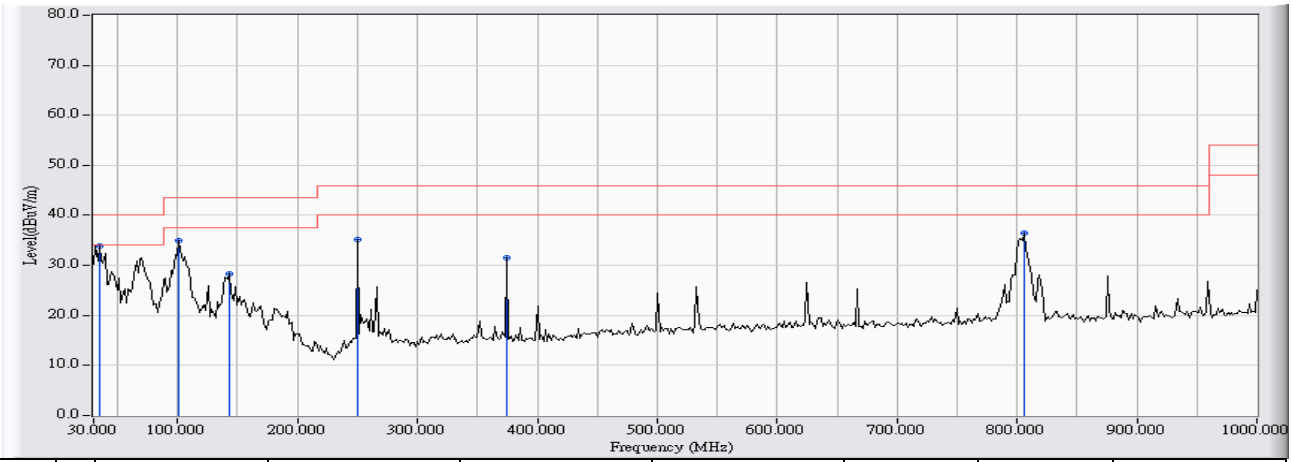


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		65.567	-17.772	40.871	23.099	-16.901	40.000	QUASIPEAK
2	*	101.133	-13.425	51.086	37.661	-5.839	43.500	QUASIPEAK
3		249.867	-11.083	46.804	35.721	-10.279	46.000	QUASIPEAK
4		374.350	-8.111	37.288	29.177	-16.823	46.000	QUASIPEAK
5		624.933	-4.207	32.775	28.568	-17.432	46.000	QUASIPEAK
6		806.000	-2.610	34.048	31.438	-14.562	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 11:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11b_2437MHz**

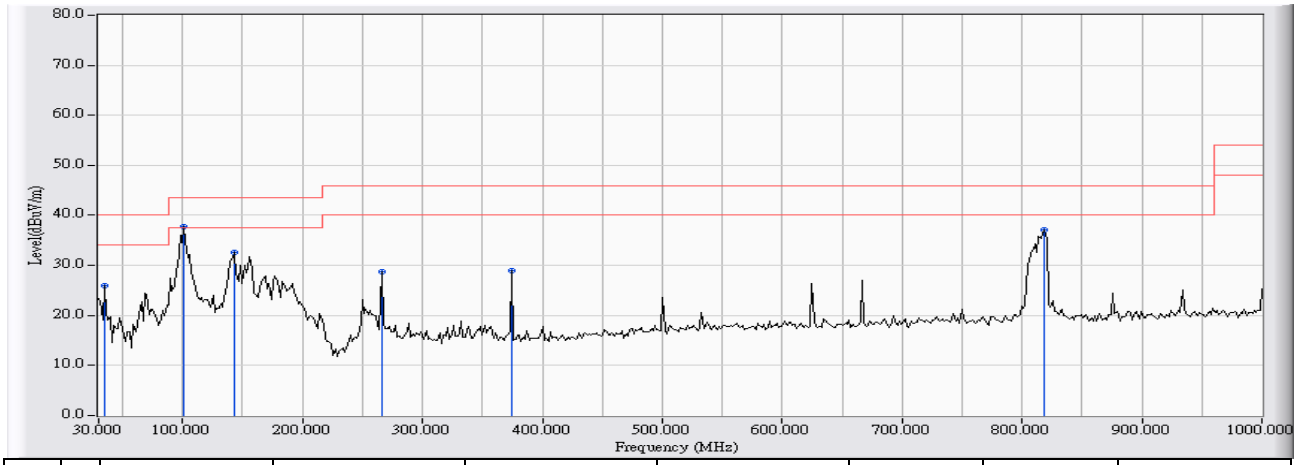


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.850	-10.798	44.630	33.832	-6.168	40.000	QUASIPEAK
2		101.133	-13.425	48.338	34.913	-8.587	43.500	QUASIPEAK
3		143.167	-13.105	41.477	28.372	-15.128	43.500	QUASIPEAK
4		249.867	-11.083	46.175	35.092	-10.908	46.000	QUASIPEAK
5		374.350	-8.111	39.589	31.478	-14.522	46.000	QUASIPEAK
6		806.000	-2.610	39.000	36.390	-9.610	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 11:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11g_2437MHz**

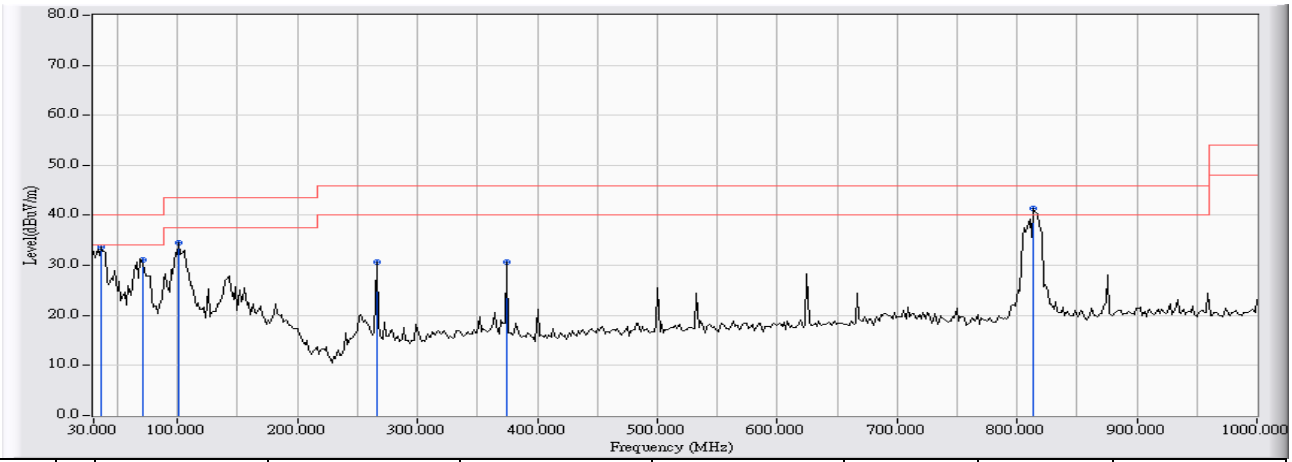


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		34.850	-10.798	36.759	25.961	-14.039	40.000	QUASIPEAK
2	*	101.133	-13.425	51.104	37.679	-5.821	43.500	QUASIPEAK
3		143.167	-13.105	45.750	32.645	-10.855	43.500	QUASIPEAK
4		266.033	-10.812	39.580	28.768	-17.232	46.000	QUASIPEAK
5		374.350	-8.111	37.110	28.999	-17.001	46.000	QUASIPEAK
6		818.933	-2.526	39.728	37.202	-8.798	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 12:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11g_2437MHz**

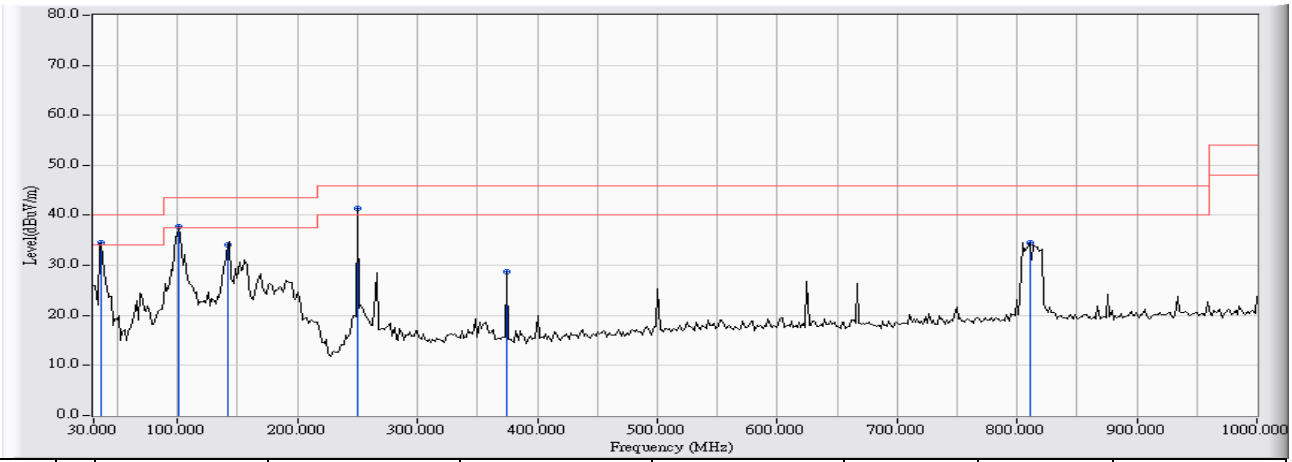


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		36.467	-11.275	44.887	33.612	-6.388	40.000	QUASIPEAK
2		70.417	-17.720	48.771	31.051	-8.949	40.000	QUASIPEAK
3		101.133	-13.425	47.880	34.455	-9.045	43.500	QUASIPEAK
4		266.033	-10.812	41.498	30.686	-15.314	46.000	QUASIPEAK
5		374.350	-8.111	38.819	30.708	-15.292	46.000	QUASIPEAK
6	*	814.083	-2.557	43.972	41.414	-4.586	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 13:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(20MHz)_2437MHz**

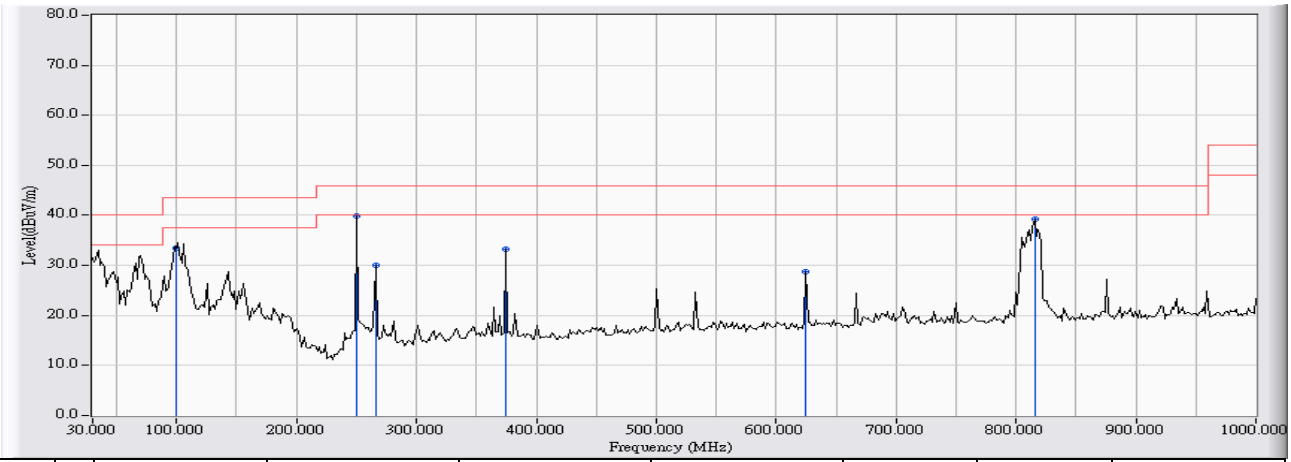


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		36.467	-11.275	45.794	34.519	-5.481	40.000	QUASIPEAK
2		101.133	-13.425	51.129	37.704	-5.796	43.500	QUASIPEAK
3		141.550	-13.023	47.116	34.092	-9.408	43.500	QUASIPEAK
4	*	249.867	-11.083	52.439	41.356	-4.644	46.000	QUASIPEAK
5		374.350	-8.111	36.878	28.767	-17.233	46.000	QUASIPEAK
6		810.850	-2.578	37.130	34.552	-11.448	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 13:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(20MHz)_2437MHz**

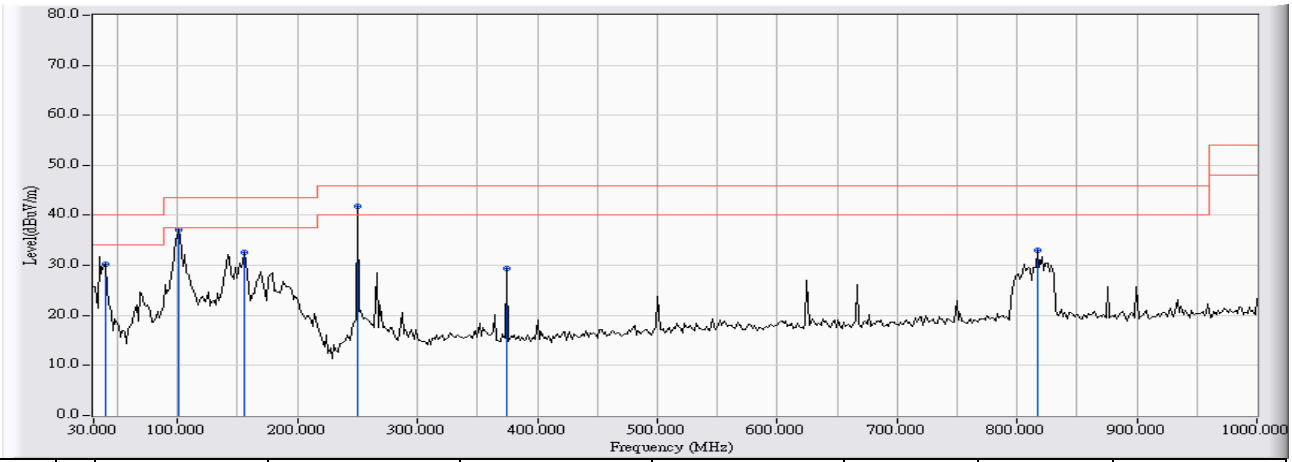


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		99.517	-13.627	47.178	33.551	-9.949	43.500	QUASIPEAK
2	*	249.867	-11.083	50.902	39.819	-6.181	46.000	QUASIPEAK
3		266.033	-10.812	40.918	30.106	-15.894	46.000	QUASIPEAK
4		374.350	-8.111	41.396	33.285	-12.715	46.000	QUASIPEAK
5		624.933	-4.207	32.891	28.684	-17.316	46.000	QUASIPEAK
6		815.700	-2.548	41.740	39.193	-6.807	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 13:23**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(40MHz)_2437MHz**

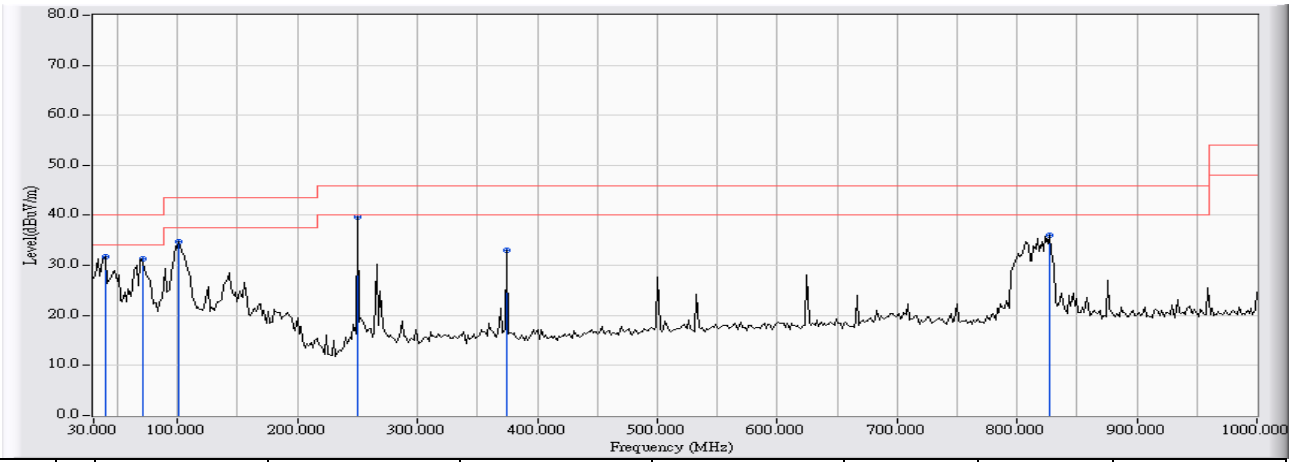


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.700	-12.268	42.428	30.160	-9.840	40.000	QUASIPEAK
2		101.133	-13.425	50.553	37.128	-6.372	43.500	QUASIPEAK
3		156.100	-13.745	46.402	32.657	-10.843	43.500	QUASIPEAK
4	*	249.867	-11.083	52.977	41.894	-4.106	46.000	QUASIPEAK
5		374.350	-8.111	37.557	29.446	-16.554	46.000	QUASIPEAK
6		817.317	-2.536	35.493	32.957	-13.043	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 13:28**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(40MHz)_2437MHz**

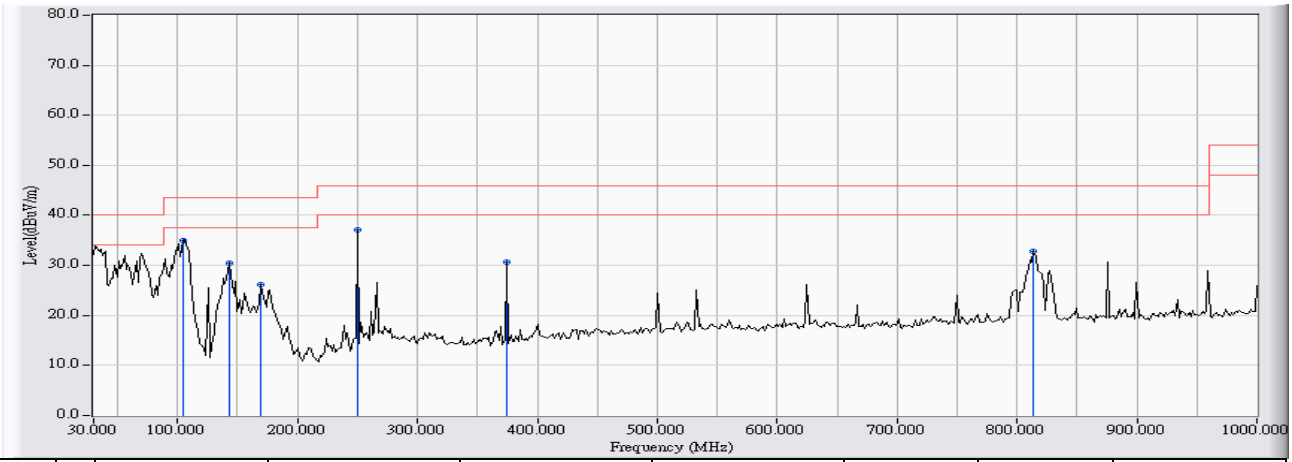


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.700	-12.268	43.939	31.671	-8.329	40.000	QUASIPEAK
2		70.417	-17.720	48.981	31.261	-8.739	40.000	QUASIPEAK
3		101.133	-13.425	48.167	34.742	-8.758	43.500	QUASIPEAK
4	*	249.867	-11.083	50.762	39.679	-6.321	46.000	QUASIPEAK
5		374.350	-8.111	41.037	32.926	-13.074	46.000	QUASIPEAK
6		827.017	-2.474	38.540	36.067	-9.933	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:26**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11b_2437MHz**

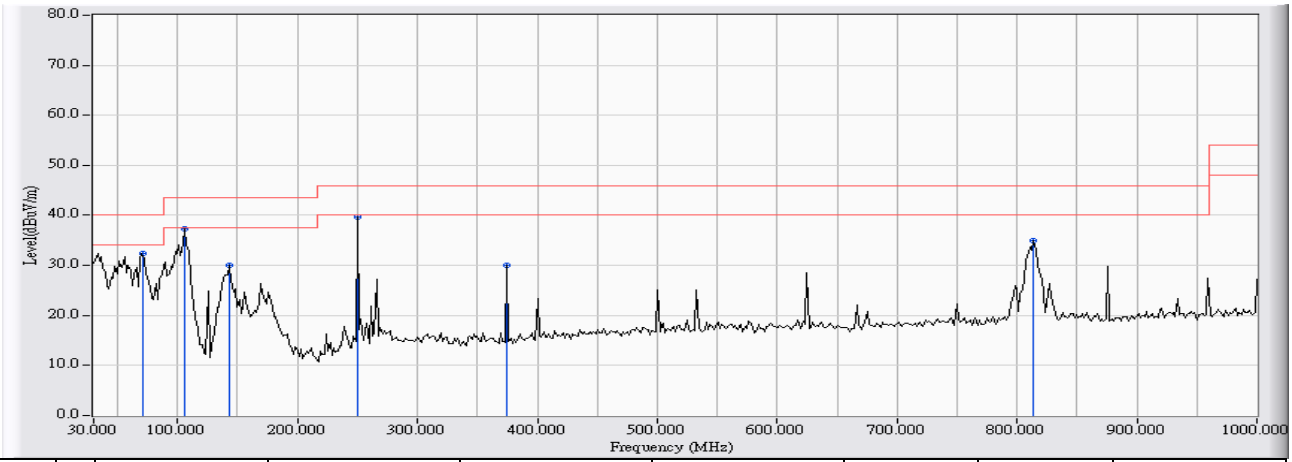


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	104.367	-13.145	48.093	34.948	-8.552	43.500	QUASIPEAK
2		143.167	-13.105	43.600	30.495	-13.005	43.500	QUASIPEAK
3		169.033	-14.286	40.493	26.206	-17.294	43.500	QUASIPEAK
4		249.867	-11.083	48.177	37.094	-8.906	46.000	QUASIPEAK
5		374.350	-8.111	38.706	30.595	-15.405	46.000	QUASIPEAK
6		814.083	-2.557	35.423	32.865	-13.135	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11b_2437MHz**

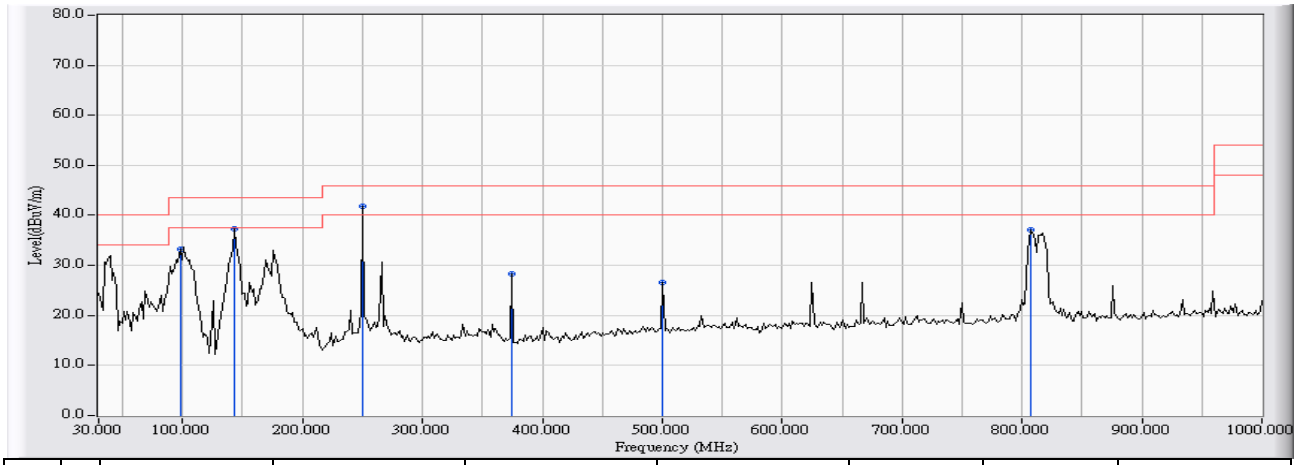


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.720	50.059	32.339	-7.661	40.000	QUASIPEAK
2	*	105.983	-13.004	50.261	37.257	-6.243	43.500	QUASIPEAK
3		143.167	-13.105	43.059	29.954	-13.546	43.500	QUASIPEAK
4		249.867	-11.083	50.752	39.669	-6.331	46.000	QUASIPEAK
5		374.350	-8.111	38.088	29.977	-16.023	46.000	QUASIPEAK
6		814.083	-2.557	37.562	35.004	-10.996	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:38**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11g_2437MHz**

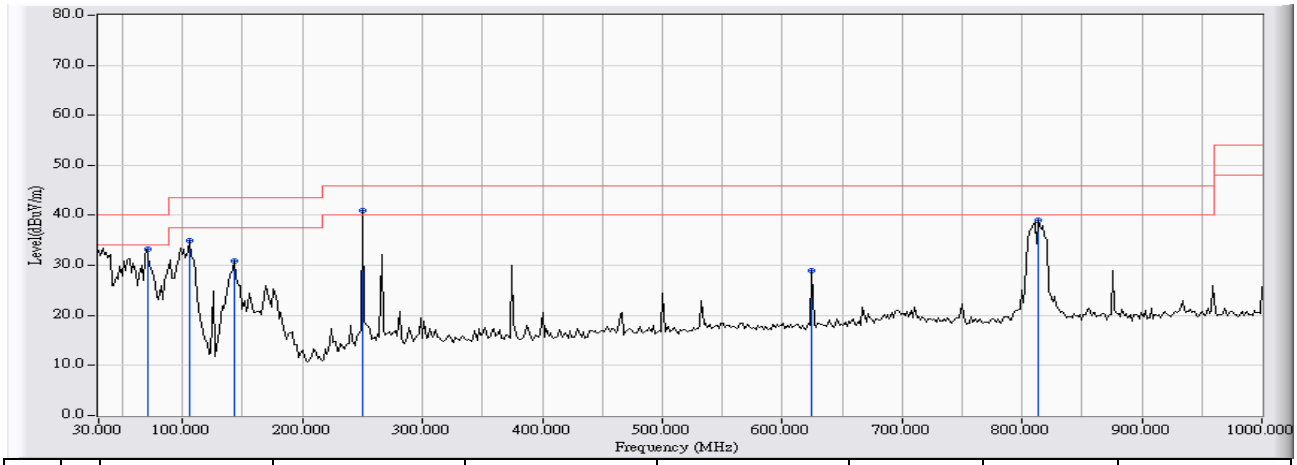


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.974	47.226	33.252	-10.248	43.500	QUASIPEAK
2		143.167	-13.105	50.348	37.243	-6.257	43.500	QUASIPEAK
3	*	249.867	-11.083	52.843	41.760	-4.240	46.000	QUASIPEAK
4		374.350	-8.111	36.351	28.240	-17.760	46.000	QUASIPEAK
5		500.450	-5.372	31.884	26.513	-19.487	46.000	QUASIPEAK
6		807.617	-2.600	39.775	37.176	-8.824	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11g_2437MHz**

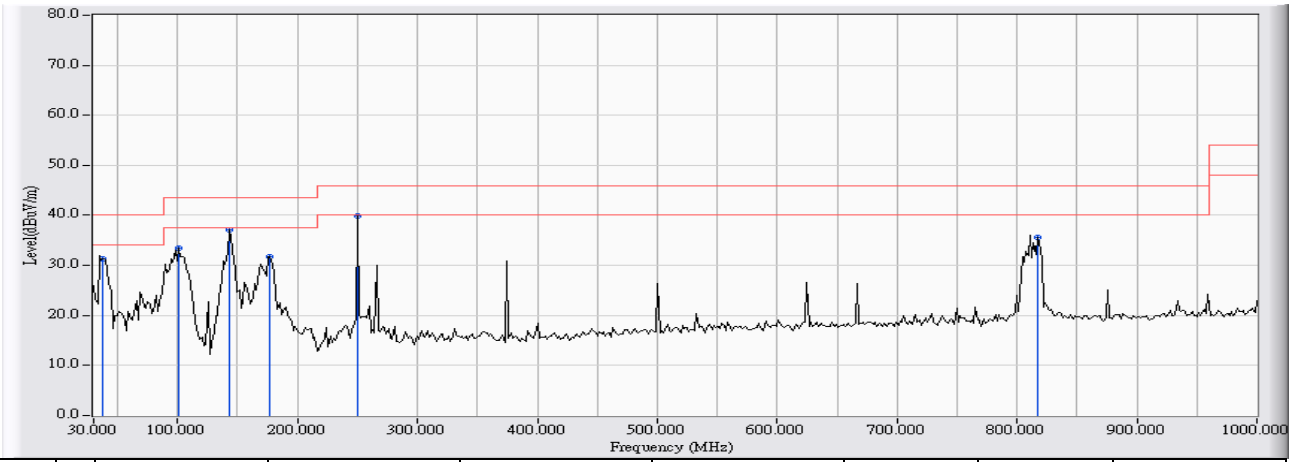


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.720	50.932	33.212	-6.788	40.000	QUASIPEAK
2		105.983	-13.004	48.054	35.050	-8.450	43.500	QUASIPEAK
3		143.167	-13.105	44.053	30.948	-12.552	43.500	QUASIPEAK
4	*	249.867	-11.083	52.146	41.063	-4.937	46.000	QUASIPEAK
5		624.933	-4.207	33.132	28.925	-17.075	46.000	QUASIPEAK
6		814.083	-2.557	41.525	38.967	-7.033	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11(n20MHz)_2437MHz**

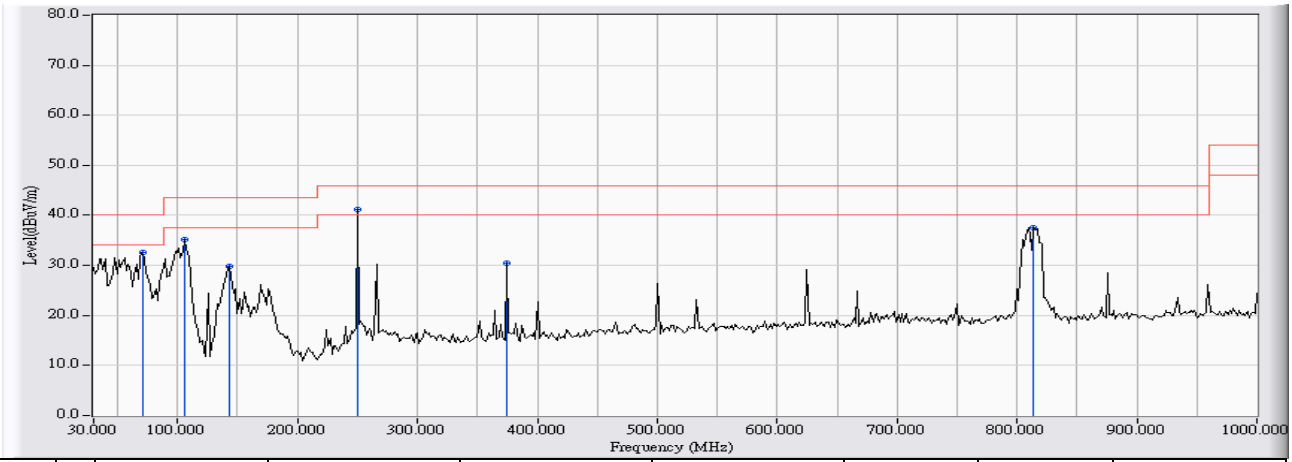


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.083	-11.772	43.073	31.302	-8.698	40.000	QUASIPEAK
2		101.133	-13.425	46.808	33.383	-10.117	43.500	QUASIPEAK
3		143.167	-13.105	50.156	37.051	-6.449	43.500	QUASIPEAK
4		177.117	-14.602	46.434	31.832	-11.668	43.500	QUASIPEAK
5	*	249.867	-11.083	50.872	39.789	-6.211	46.000	QUASIPEAK
6		817.317	-2.536	38.125	35.589	-10.411	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 14:54**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11(n20MHz)_2437MHz**

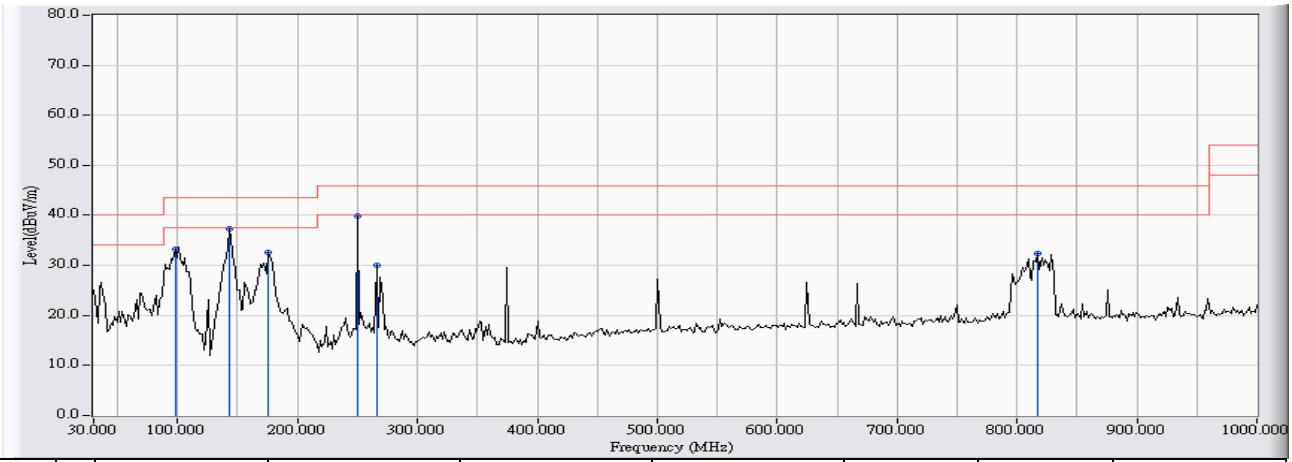


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.720	50.421	32.701	-7.299	40.000	QUASIPEAK
2		105.983	-13.004	48.095	35.091	-8.409	43.500	QUASIPEAK
3		143.167	-13.105	42.957	29.852	-13.648	43.500	QUASIPEAK
4	*	249.867	-11.083	52.286	41.203	-4.797	46.000	QUASIPEAK
5		374.350	-8.111	38.554	30.443	-15.557	46.000	QUASIPEAK
6		814.083	-2.557	39.990	37.432	-8.568	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 15:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11(n40MHz)_2437MHz**

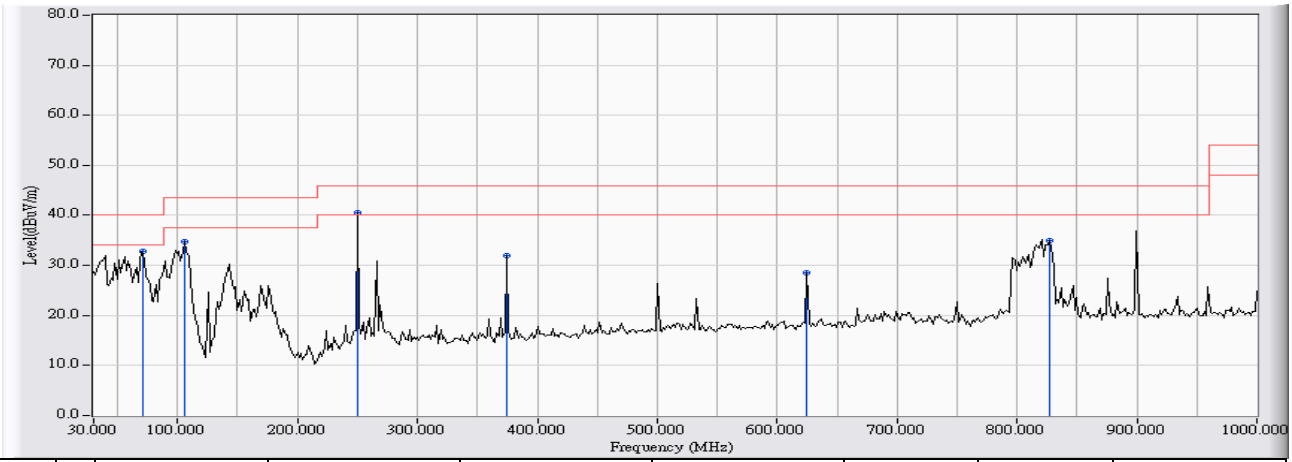


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.974	47.300	33.326	-10.174	43.500	QUASIPEAK
2		143.167	-13.105	50.440	37.335	-6.165	43.500	QUASIPEAK
3		175.500	-14.539	47.179	32.640	-10.860	43.500	QUASIPEAK
4	*	249.867	-11.083	50.998	39.915	-6.085	46.000	QUASIPEAK
5		266.033	-10.812	40.838	30.026	-15.974	46.000	QUASIPEAK
6		817.317	-2.536	34.962	32.426	-13.574	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 15:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11(n40MHz)_2437MHz**

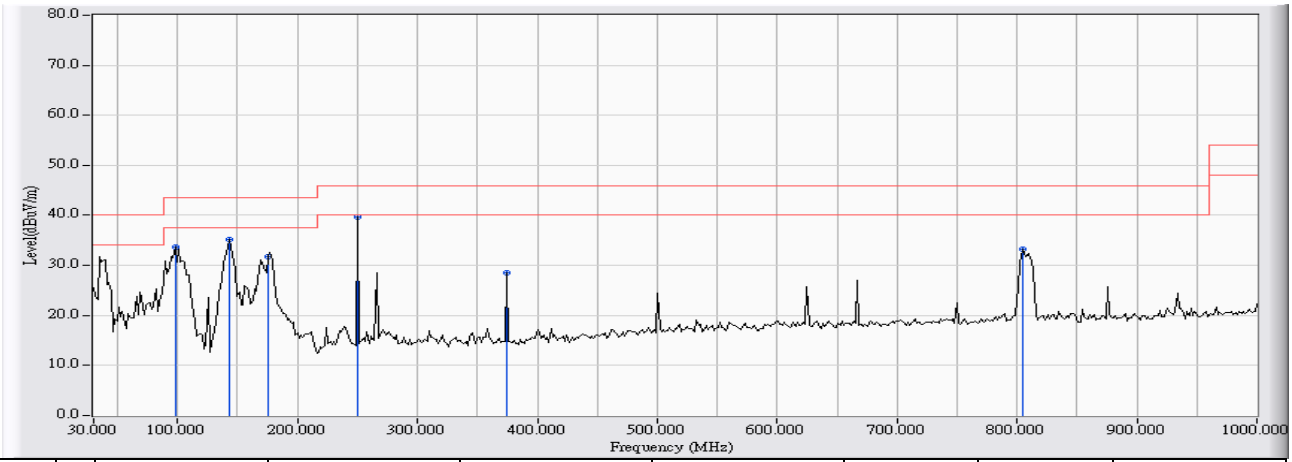


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.720	50.480	32.760	-7.240	40.000	QUASIPEAK
2		105.983	-13.004	47.844	34.840	-8.660	43.500	QUASIPEAK
3	*	249.867	-11.083	51.716	40.633	-5.367	46.000	QUASIPEAK
4		374.350	-8.111	40.010	31.899	-14.101	46.000	QUASIPEAK
5		624.933	-4.207	32.722	28.515	-17.485	46.000	QUASIPEAK
6		827.017	-2.474	37.504	35.031	-10.969	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11a_5785MHz**

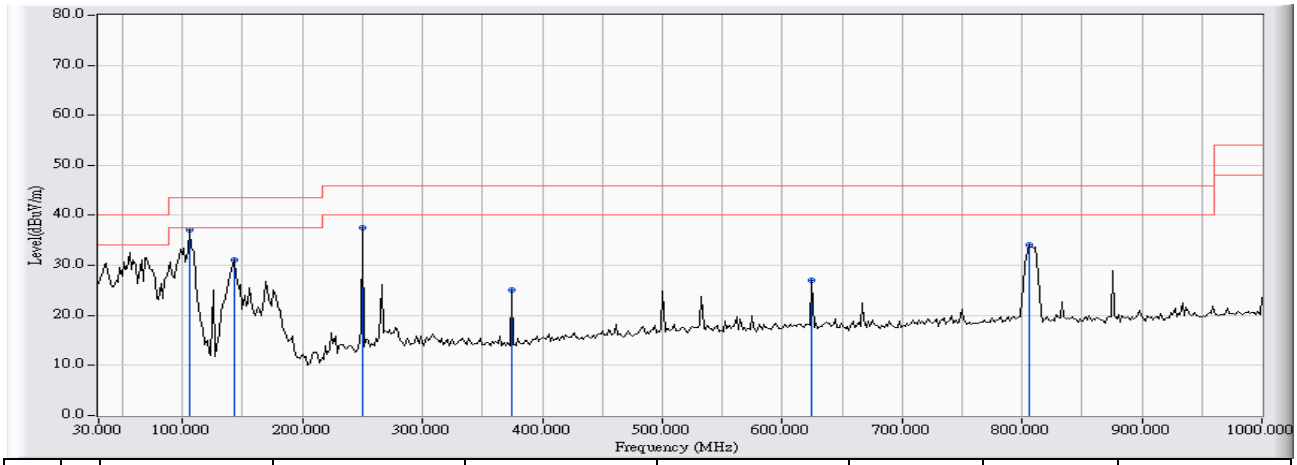


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.974	47.717	33.743	-9.757	43.500	QUASIPEAK
2		143.167	-13.105	48.307	35.202	-8.298	43.500	QUASIPEAK
3		175.500	-14.539	46.238	31.699	-11.801	43.500	QUASIPEAK
4	*	249.867	-11.083	50.659	39.576	-6.424	46.000	QUASIPEAK
5		374.350	-8.111	36.573	28.462	-17.538	46.000	QUASIPEAK
6		804.383	-2.620	35.939	33.318	-12.682	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:19**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11a_5785MHz**

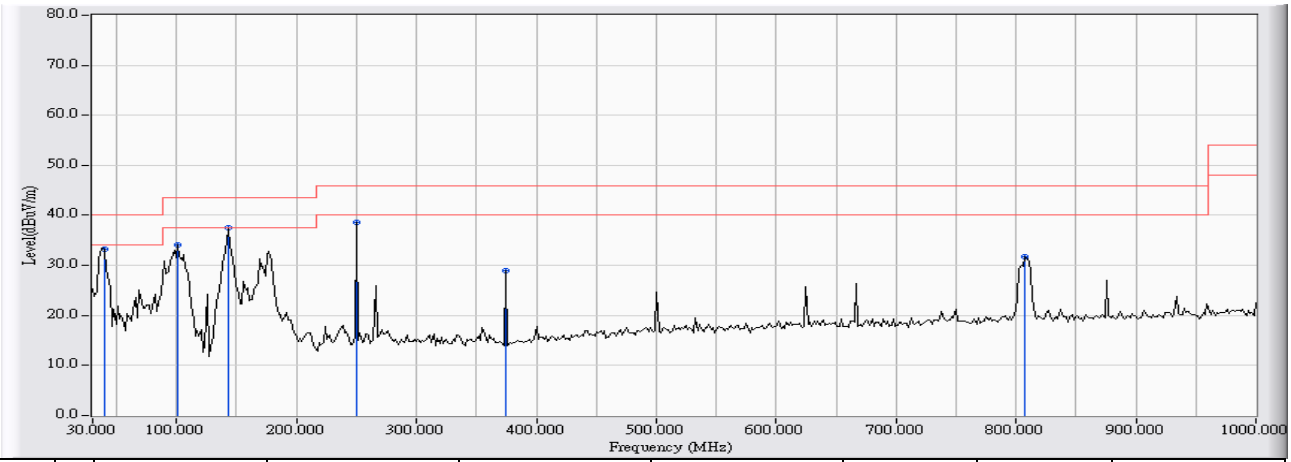


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.983	-13.004	50.058	37.054	-6.446	43.500	QUASIPEAK
2		143.167	-13.105	44.176	31.071	-12.429	43.500	QUASIPEAK
3		249.867	-11.083	48.701	37.618	-8.382	46.000	QUASIPEAK
4		374.350	-8.111	33.309	25.198	-20.802	46.000	QUASIPEAK
5		624.933	-4.207	31.218	27.011	-18.989	46.000	QUASIPEAK
6		806.000	-2.610	36.652	34.042	-11.958	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:25**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(20MHz)_5785MHz**

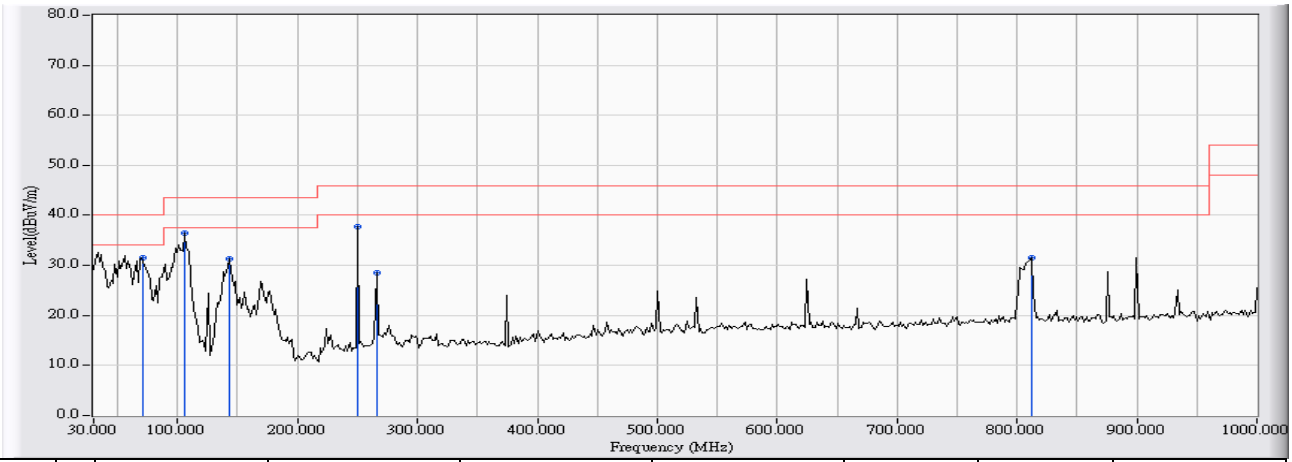


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.700	-12.268	45.504	33.236	-6.764	40.000	QUASIPEAK
2		101.133	-13.425	47.541	34.116	-9.384	43.500	QUASIPEAK
3	*	143.167	-13.105	50.685	37.580	-5.920	43.500	QUASIPEAK
4		249.867	-11.083	49.632	38.549	-7.451	46.000	QUASIPEAK
5		374.350	-8.111	37.134	29.023	-16.977	46.000	QUASIPEAK
6		807.617	-2.600	34.310	31.711	-14.289	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(20MHz)_5785MHz**

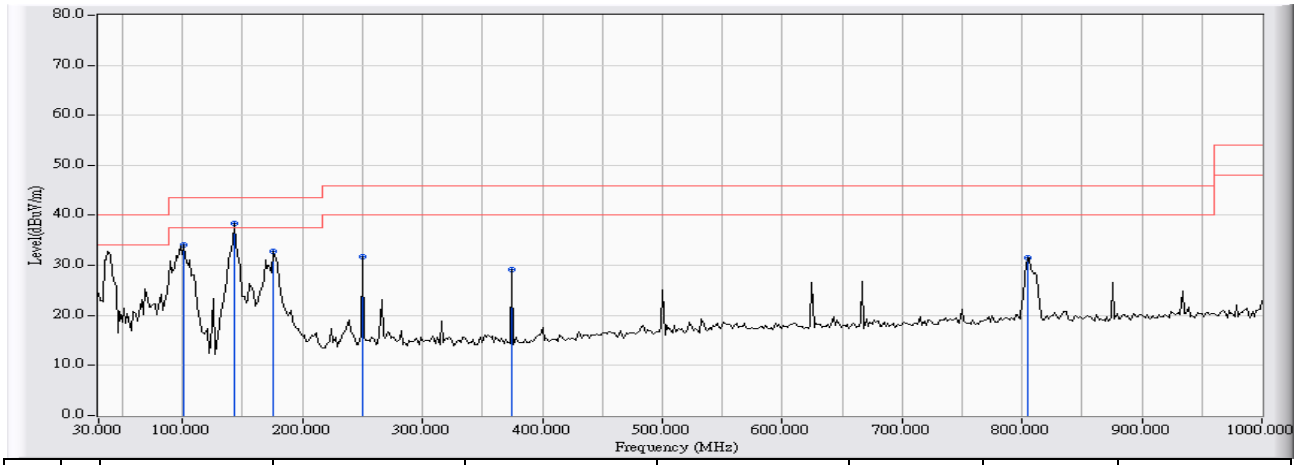


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.720	49.269	31.549	-8.451	40.000	QUASIPEAK
2	*	105.983	-13.004	49.411	36.407	-7.093	43.500	QUASIPEAK
3		143.167	-13.105	44.474	31.369	-12.131	43.500	QUASIPEAK
4		249.867	-11.083	48.881	37.798	-8.202	46.000	QUASIPEAK
5		266.033	-10.812	39.363	28.551	-17.449	46.000	QUASIPEAK
6		812.467	-2.568	34.177	31.609	-14.391	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:36**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(40MHz)_5755MHz**

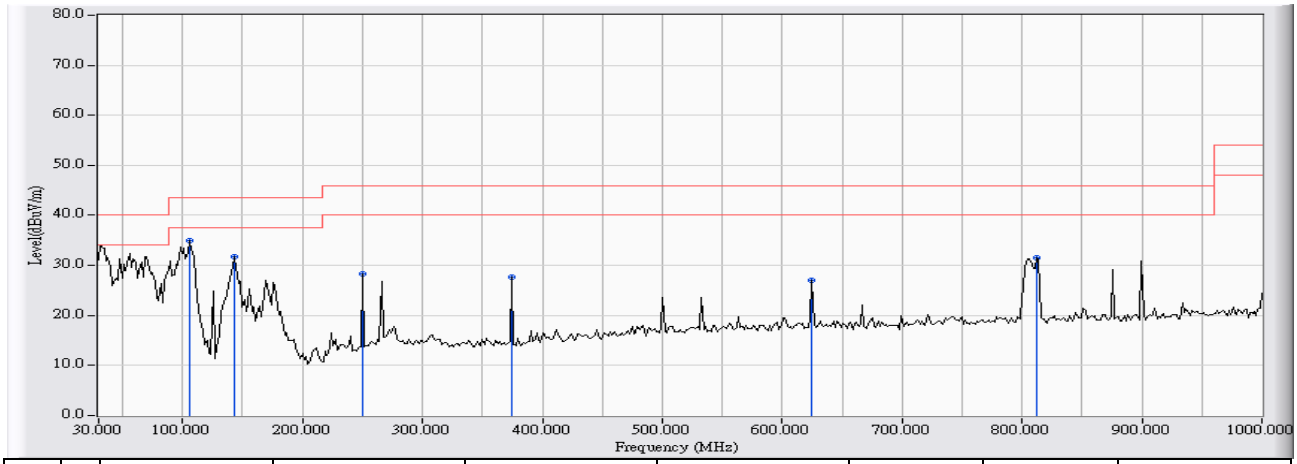


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.133	-13.425	47.580	34.155	-9.345	43.500	QUASIPEAK
2	*	143.167	-13.105	51.520	38.415	-5.085	43.500	QUASIPEAK
3		175.500	-14.539	47.396	32.857	-10.643	43.500	QUASIPEAK
4		249.867	-11.083	42.729	31.646	-14.354	46.000	QUASIPEAK
5		374.350	-8.111	37.268	29.157	-16.843	46.000	QUASIPEAK
6		804.383	-2.620	34.111	31.490	-14.510	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 16:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11n(40MHz)_5755MHz**

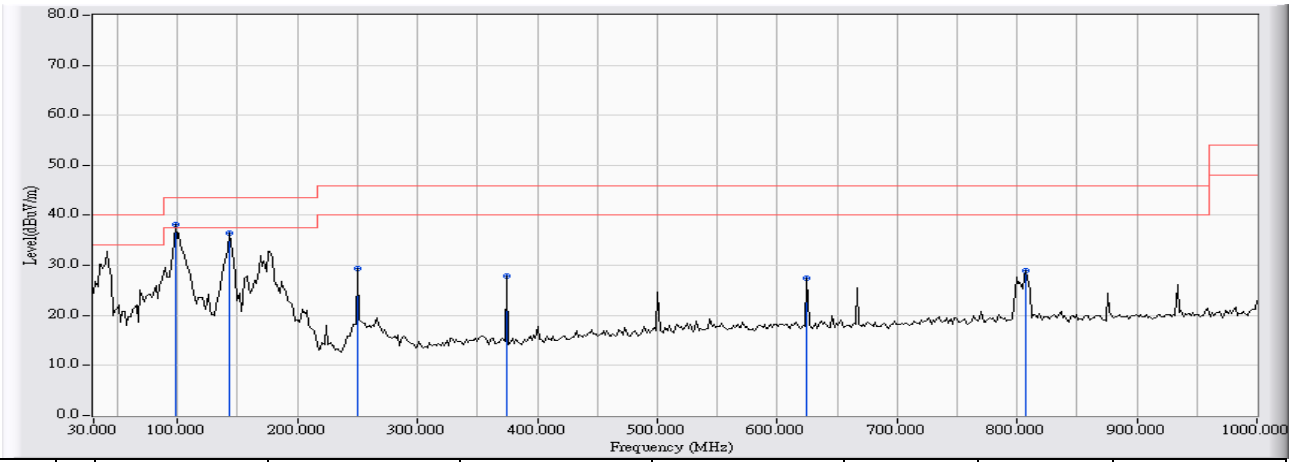


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.983	-13.004	47.891	34.887	-8.613	43.500	QUASIPEAK
2		143.167	-13.105	44.890	31.785	-11.715	43.500	QUASIPEAK
3		249.867	-11.083	39.472	28.389	-17.611	46.000	QUASIPEAK
4		374.350	-8.111	35.732	27.621	-18.379	46.000	QUASIPEAK
5		624.933	-4.207	31.298	27.091	-18.909	46.000	QUASIPEAK
6		812.467	-2.568	34.006	31.438	-14.562	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11a_5785MHz**

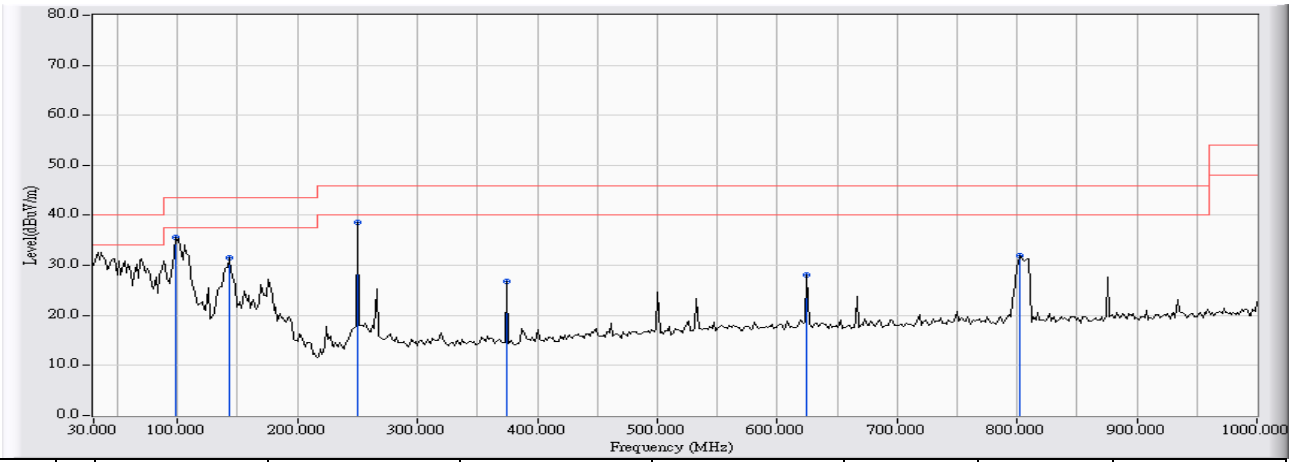


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.974	52.068	38.094	-5.406	43.500	QUASIPEAK
2		143.167	-13.105	49.475	36.370	-7.130	43.500	QUASIPEAK
3		249.867	-11.083	40.516	29.433	-16.567	46.000	QUASIPEAK
4		374.350	-8.111	35.899	27.788	-18.212	46.000	QUASIPEAK
5		624.933	-4.207	31.627	27.420	-18.580	46.000	QUASIPEAK
6		807.617	-2.600	31.539	28.940	-17.060	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:34**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11a_5785MHz**

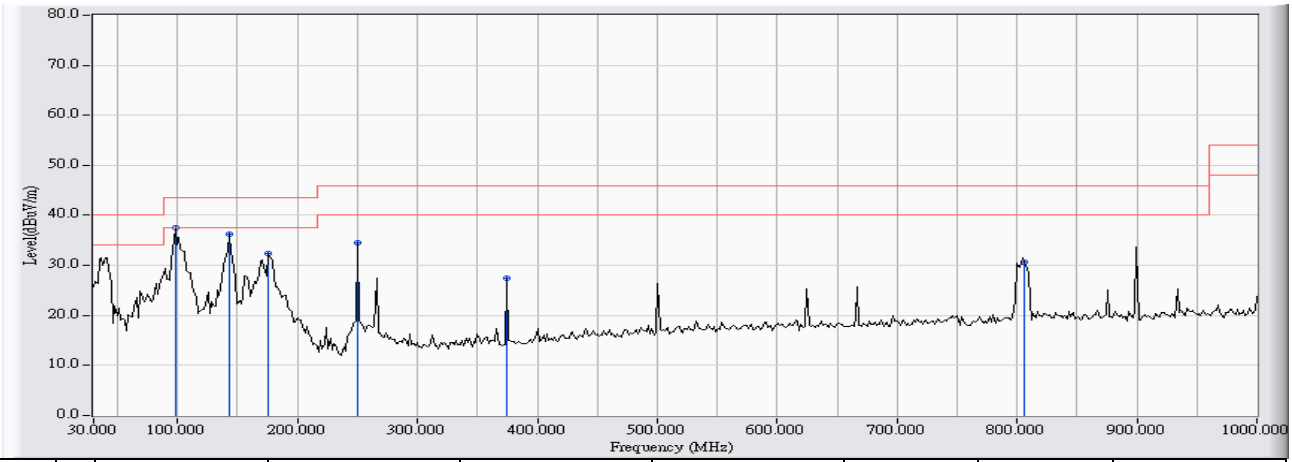


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.974	49.672	35.698	-7.802	43.500	QUASIPEAK
2		143.167	-13.105	44.548	31.443	-12.057	43.500	QUASIPEAK
3	*	249.867	-11.083	49.753	38.670	-7.330	46.000	QUASIPEAK
4		374.350	-8.111	34.967	26.856	-19.144	46.000	QUASIPEAK
5		624.933	-4.207	32.272	28.065	-17.935	46.000	QUASIPEAK
6		802.767	-2.630	34.642	32.011	-13.989	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:41**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11n(20MHz)_5785MHz**

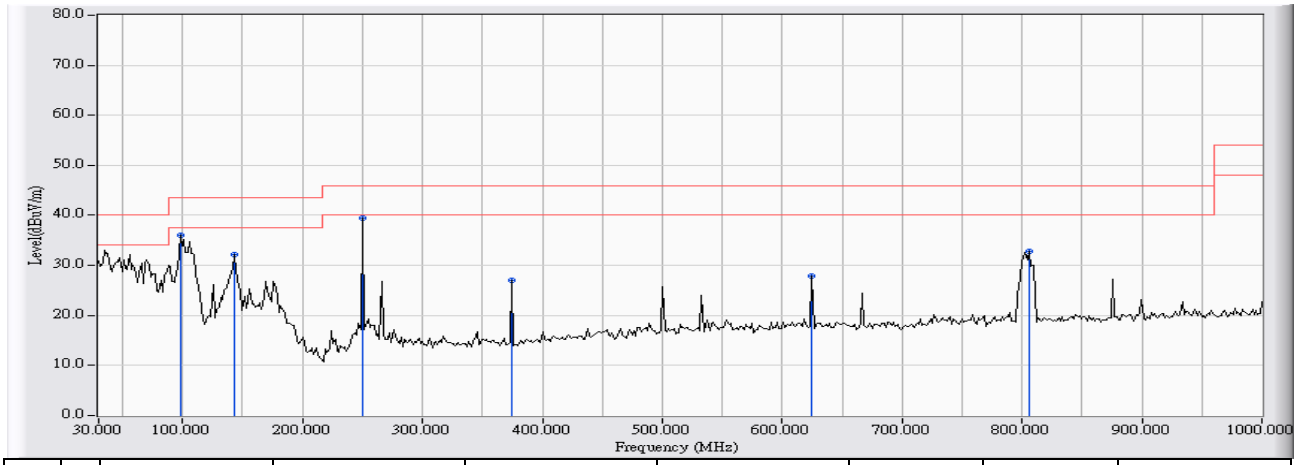


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.974	51.540	37.566	-5.934	43.500	QUASIPEAK
2		143.167	-13.105	49.301	36.196	-7.304	43.500	QUASIPEAK
3		175.500	-14.539	46.902	32.363	-11.137	43.500	QUASIPEAK
4		249.867	-11.083	45.598	34.515	-11.485	46.000	QUASIPEAK
5		374.350	-8.111	35.650	27.539	-18.461	46.000	QUASIPEAK
6		806.000	-2.610	33.351	30.741	-15.259	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11n(20MHz)_5785MHz**

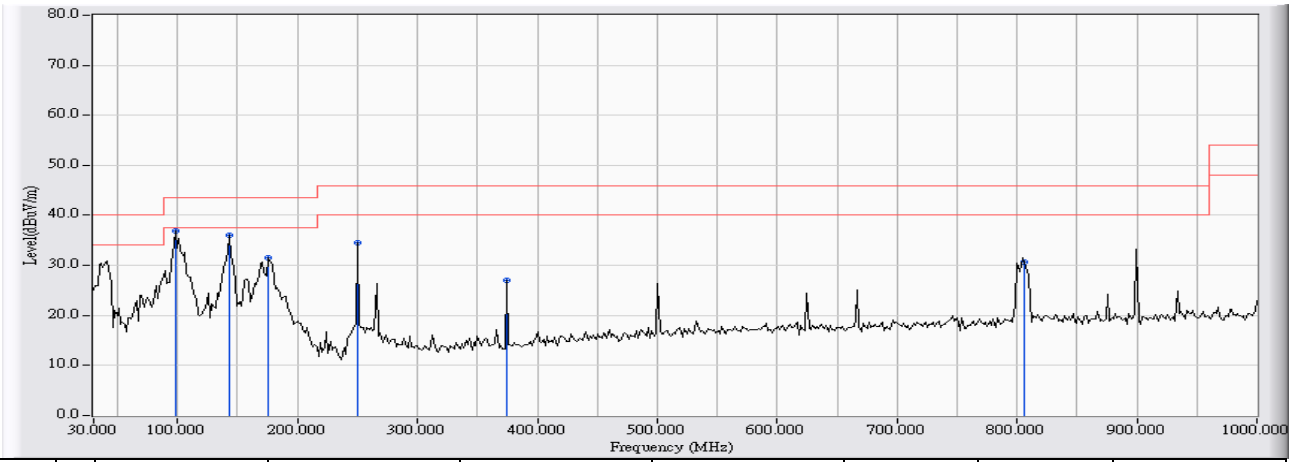


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.974	49.943	35.969	-7.531	43.500	QUASIPEAK
2		143.167	-13.105	45.263	32.158	-11.342	43.500	QUASIPEAK
3	*	249.867	-11.083	50.563	39.480	-6.520	46.000	QUASIPEAK
4		374.350	-8.111	35.224	27.113	-18.887	46.000	QUASIPEAK
5		624.933	-4.207	32.080	27.873	-18.127	46.000	QUASIPEAK
6		806.000	-2.610	35.532	32.922	-13.078	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:47**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11n(40MHz)_5755MHz**

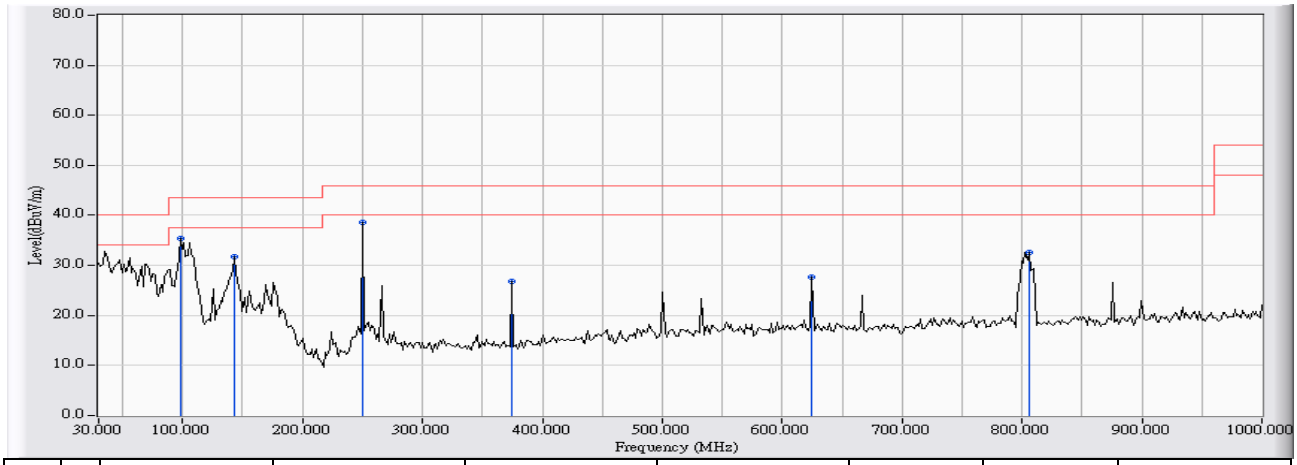


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.902	-13.974	50.941	36.967	-6.533	43.500	QUASIPEAK
2		143.158	-13.105	49.041	35.936	-7.564	43.500	QUASIPEAK
3		175.503	-14.539	46.105	31.566	-11.934	43.500	QUASIPEAK
4		249.869	-11.083	45.535	34.452	-11.548	46.000	QUASIPEAK
5		374.352	-8.111	35.087	26.976	-19.024	46.000	QUASIPEAK
6		806.004	-2.610	33.183	30.573	-15.427	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2012/05/11 - 17:47**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 2: Transmit_(Adapter: EXA1004UH) 802.11n(40MHz)_5755MHz**



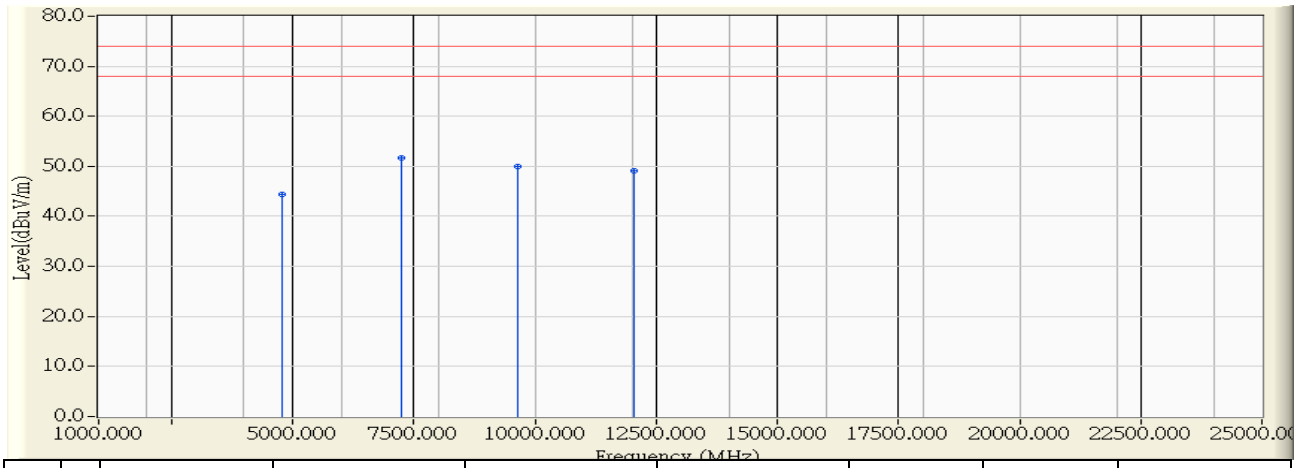
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.902	-13.974	49.262	35.288	-8.212	43.500	QUASIPEAK
2		143.169	-13.105	44.786	31.681	-11.819	43.500	QUASIPEAK
3	*	249.867	-11.083	49.765	38.682	-7.318	46.000	QUASIPEAK
4		374.344	-8.111	34.933	26.822	-19.178	46.000	QUASIPEAK
5		624.936	-4.207	31.803	27.596	-18.404	46.000	QUASIPEAK
6		805.992	-2.610	35.153	32.543	-13.457	46.000	QUASIPEAK

Note:

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

Above 1GHz Spurious

Site : CB1	**Time : 2012/05/21 - 15:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_b_2412MHz**

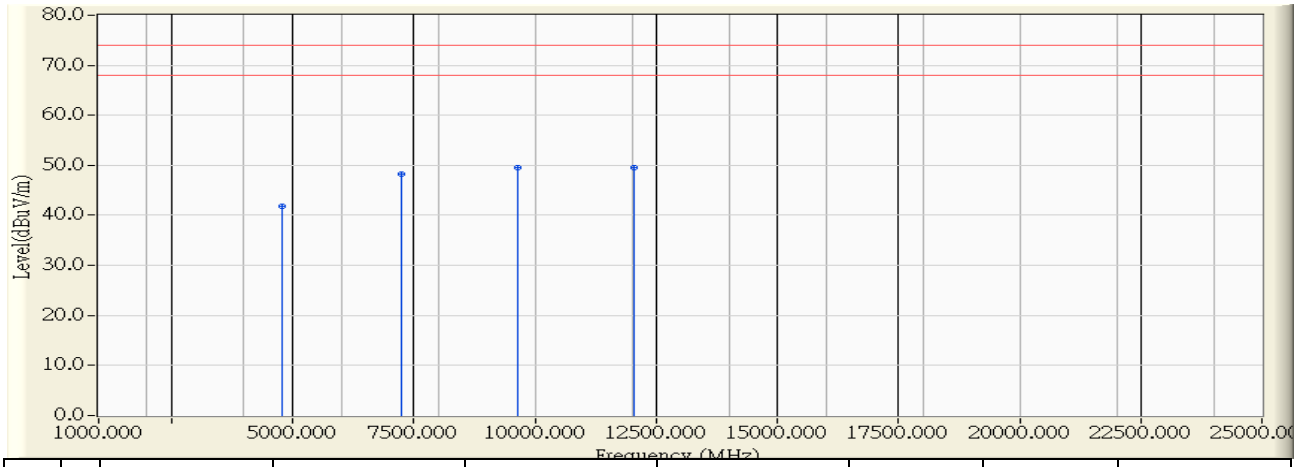


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4792.000	-0.267	44.732	44.464	-29.536	74.000	PEAK
2	*	7236.000	7.410	44.234	51.644	-22.356	74.000	PEAK
3		9648.000	11.010	39.061	50.071	-23.929	74.000	PEAK
4		12060.000	12.517	36.657	49.174	-24.826	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_b_2412MHz**

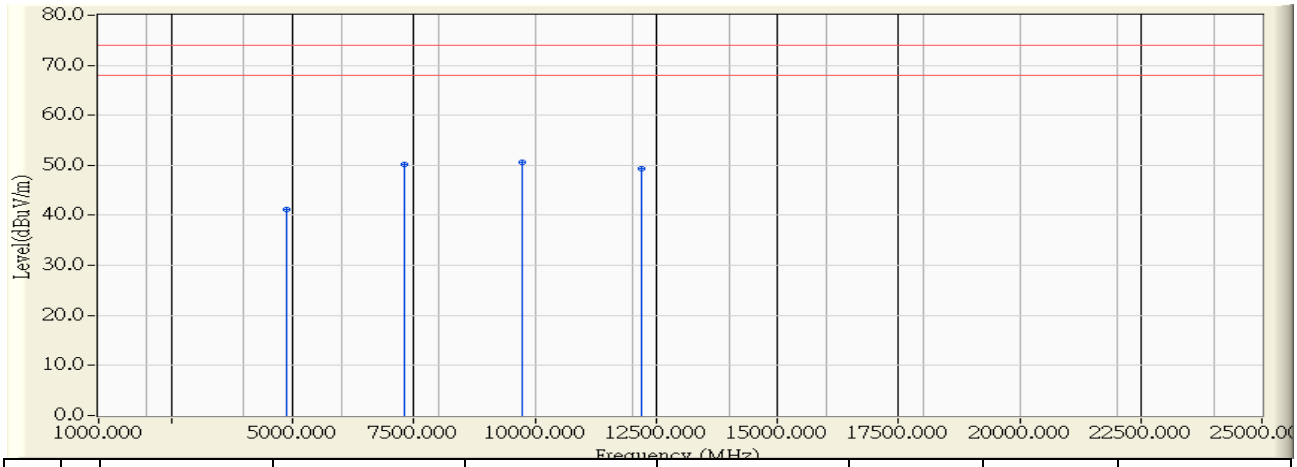


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4792.000	-0.267	42.113	41.845	-32.155	74.000	PEAK
2		7240.000	7.427	40.824	48.251	-25.749	74.000	PEAK
3	*	9648.000	11.010	38.607	49.617	-24.383	74.000	PEAK
4		12060.000	12.517	36.937	49.454	-24.546	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:07**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_b_2437MHz**

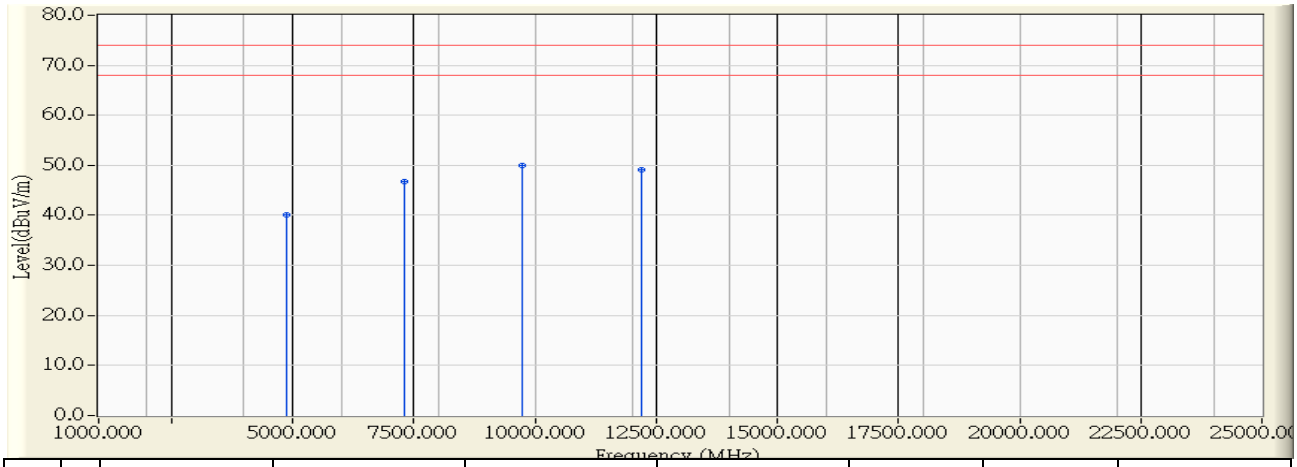


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	41.137	41.132	-32.868	74.000	PEAK
2		7311.000	7.735	42.375	50.110	-23.890	74.000	PEAK
3	*	9748.000	11.667	39.033	50.700	-23.300	74.000	PEAK
4		12185.000	12.560	36.849	49.410	-24.590	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:09**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_b_2437MHz**

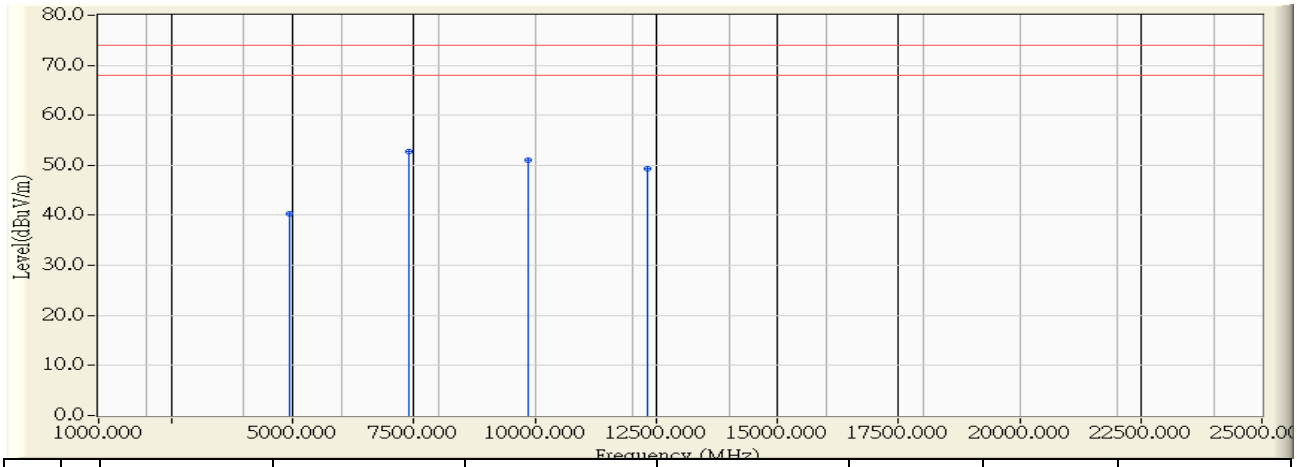


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	40.068	40.063	-33.937	74.000	PEAK
2		7311.000	7.735	39.013	46.748	-27.252	74.000	PEAK
3	*	9748.000	11.667	38.205	49.872	-24.128	74.000	PEAK
4		12185.000	12.560	36.597	49.158	-24.842	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_b_2462MHz**

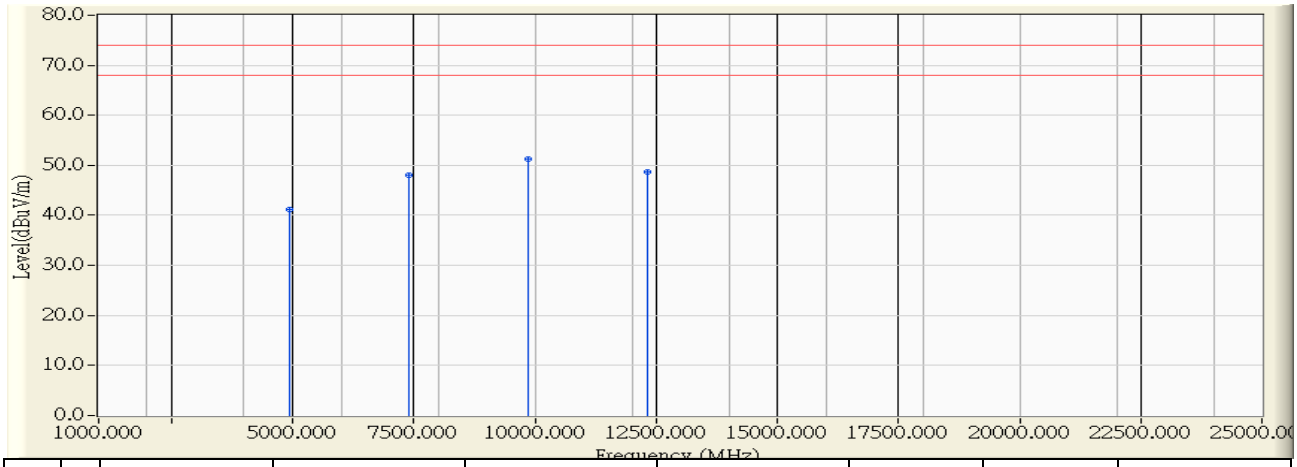


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	40.225	40.380	-33.620	74.000	PEAK
2	*	7386.000	8.060	44.730	52.789	-21.211	74.000	PEAK
3		9848.000	12.324	38.653	50.977	-23.023	74.000	PEAK
4		12310.000	12.604	36.678	49.282	-24.718	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:13**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_b_2462MHz**

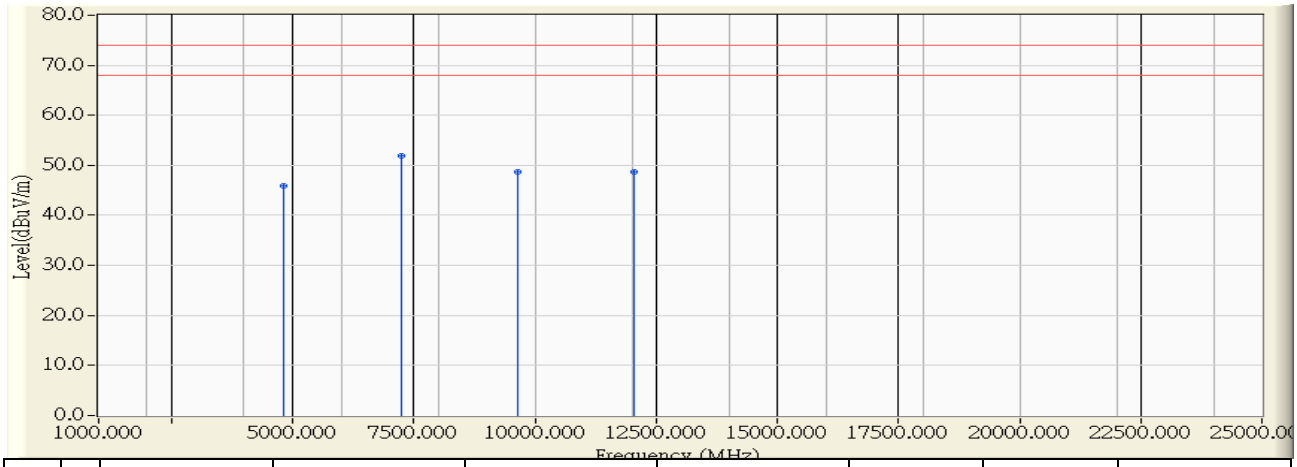


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	40.980	41.135	-32.865	74.000	PEAK
2		7386.000	8.060	40.069	48.128	-25.872	74.000	PEAK
3	*	9848.000	12.324	39.016	51.340	-22.660	74.000	PEAK
4		12310.000	12.604	36.085	48.689	-25.311	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:24**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2412MHz**

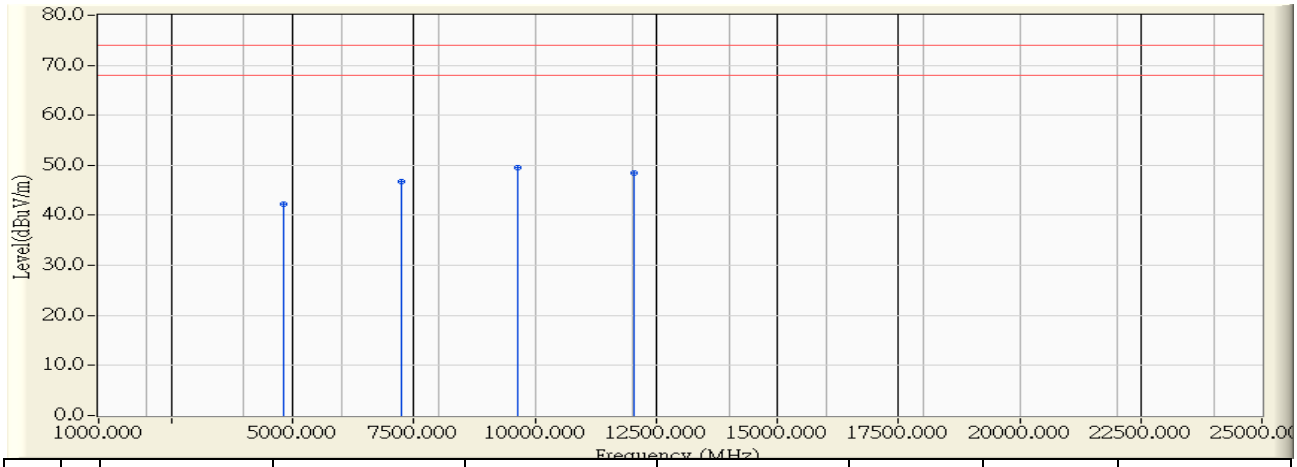


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.165	46.073	45.908	-28.092	74.000	PEAK
2	*	7236.000	7.410	44.502	51.912	-22.088	74.000	PEAK
3		9648.000	11.010	37.699	48.709	-25.291	74.000	PEAK
4		12060.000	12.517	36.189	48.706	-25.294	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:26**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2412MHz**

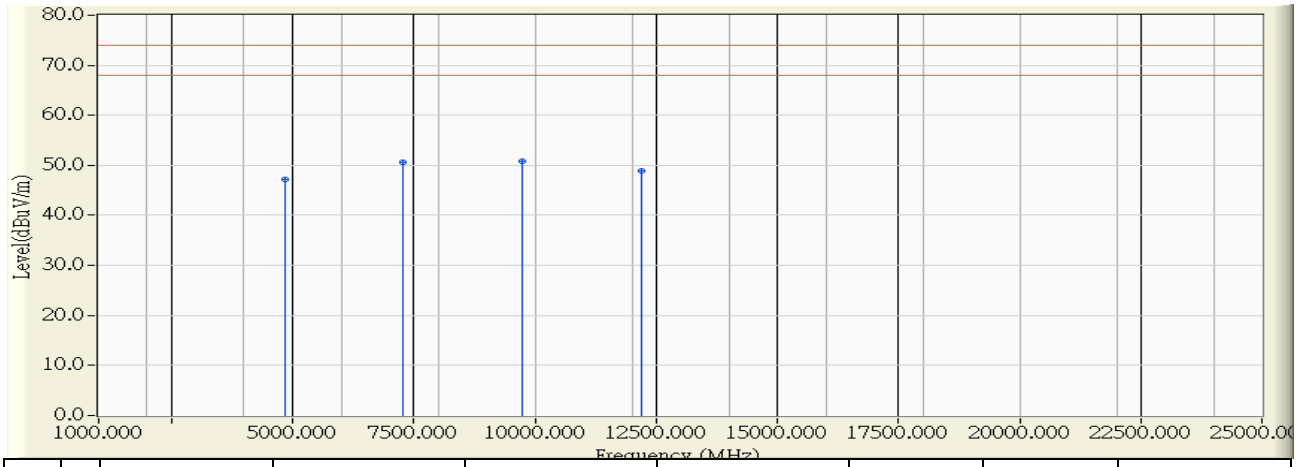


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.165	42.382	42.217	-31.783	74.000	PEAK
2		7236.000	7.410	39.307	46.717	-27.283	74.000	PEAK
3	*	9648.000	11.010	38.591	49.601	-24.399	74.000	PEAK
4		12060.000	12.517	36.036	48.553	-25.447	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 16:51**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2437MHz**

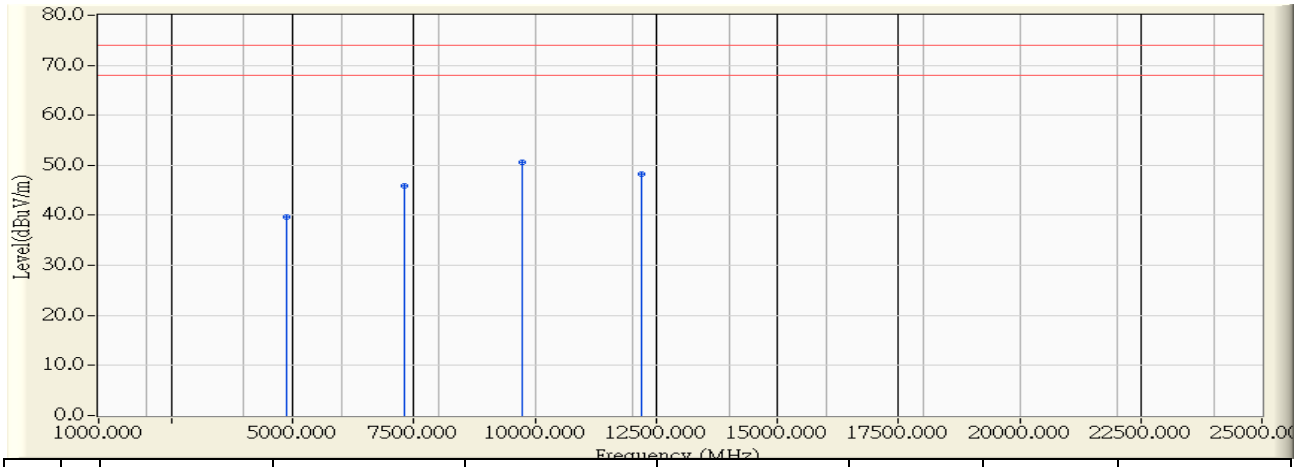


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4840.000	-0.114	47.269	47.155	-26.845	74.000	PEAK
2		7288.000	7.634	43.078	50.713	-23.287	74.000	PEAK
3	*	9748.000	11.667	39.158	50.825	-23.175	74.000	PEAK
4		12185.000	12.560	36.324	48.885	-25.115	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 16:52**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2437MHz**

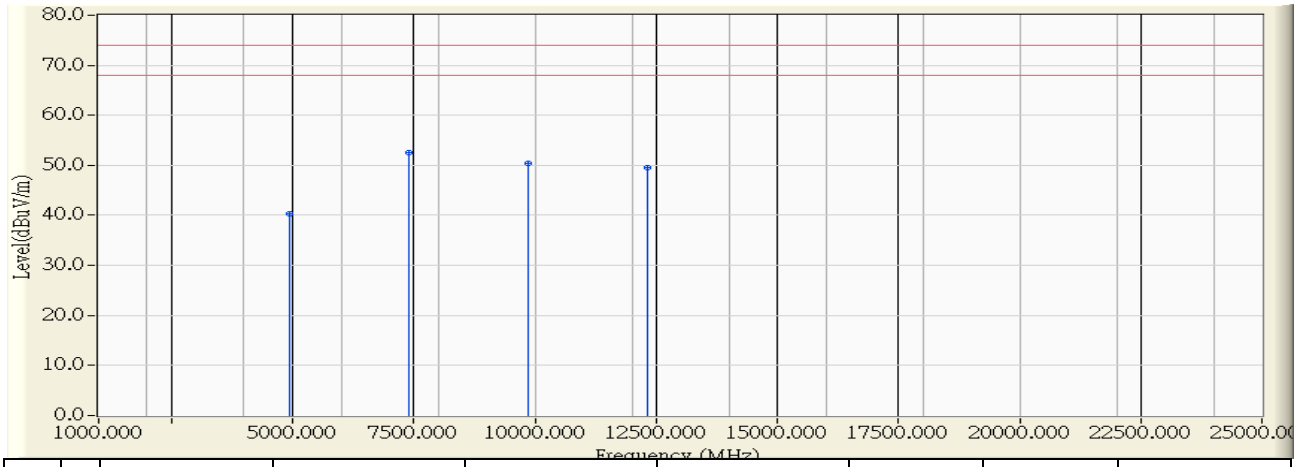


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	39.580	39.575	-34.425	74.000	PEAK
2		7311.000	7.735	38.100	45.835	-28.165	74.000	PEAK
3	*	9748.000	11.667	38.931	50.598	-23.402	74.000	PEAK
4		12185.000	12.560	35.741	48.302	-25.698	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2462MHz**

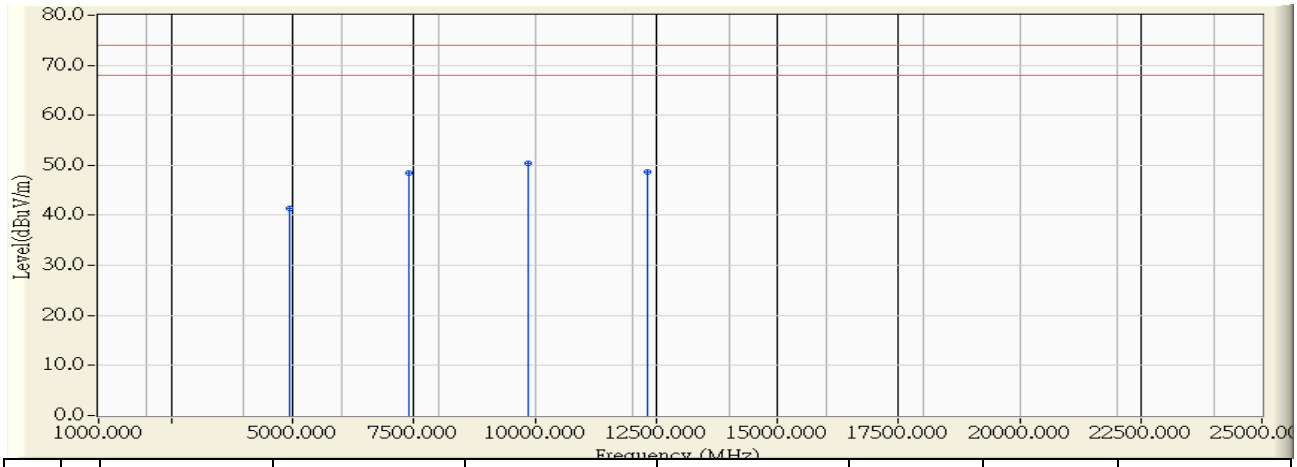


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	40.173	40.328	-33.672	74.000	PEAK
2	*	7386.000	8.060	44.569	52.628	-21.372	74.000	PEAK
3		9848.000	12.324	38.184	50.508	-23.492	74.000	PEAK
4		12310.000	12.604	36.910	49.514	-24.486	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 15:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_g_2462MHz**

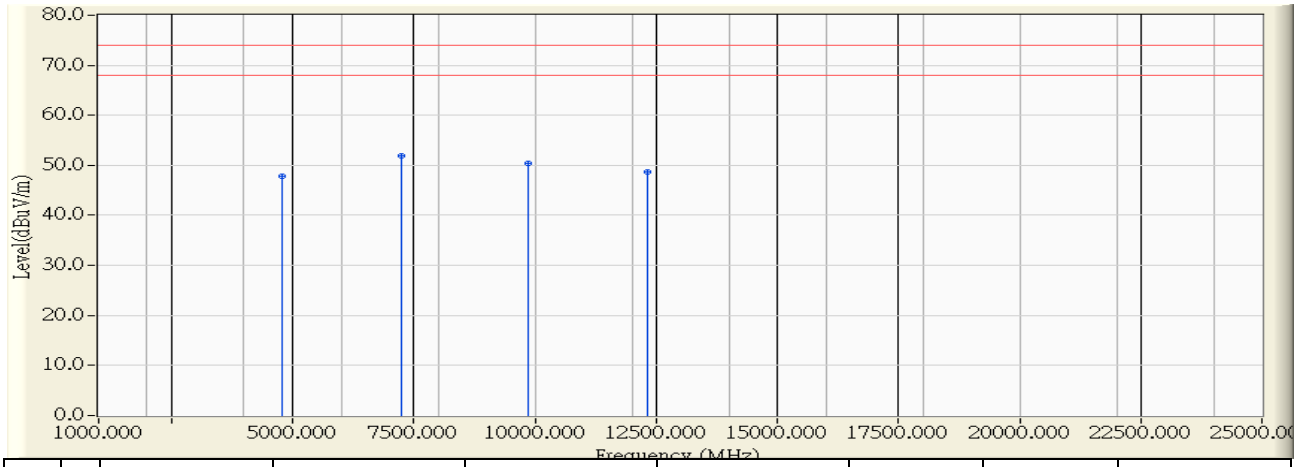


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	41.157	41.312	-32.688	74.000	PEAK
2		7386.000	8.060	40.358	48.417	-25.583	74.000	PEAK
3	*	9848.000	12.324	38.105	50.429	-23.571	74.000	PEAK
4		12310.000	12.604	36.059	48.663	-25.337	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 16:55**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2412MHz**

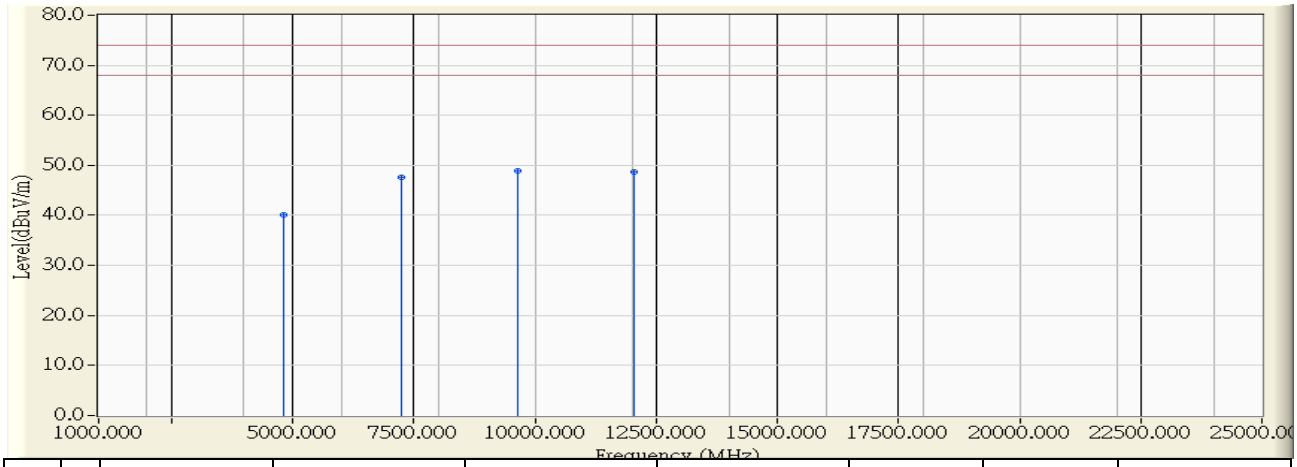


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4792.000	-0.267	48.047	47.779	-26.221	74.000	PEAK
2	*	7240.000	7.427	44.422	51.849	-22.151	74.000	PEAK
3		9848.000	12.324	38.063	50.387	-23.613	74.000	PEAK
4		12310.000	12.604	36.166	48.770	-25.230	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 16:57**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2412MHz**

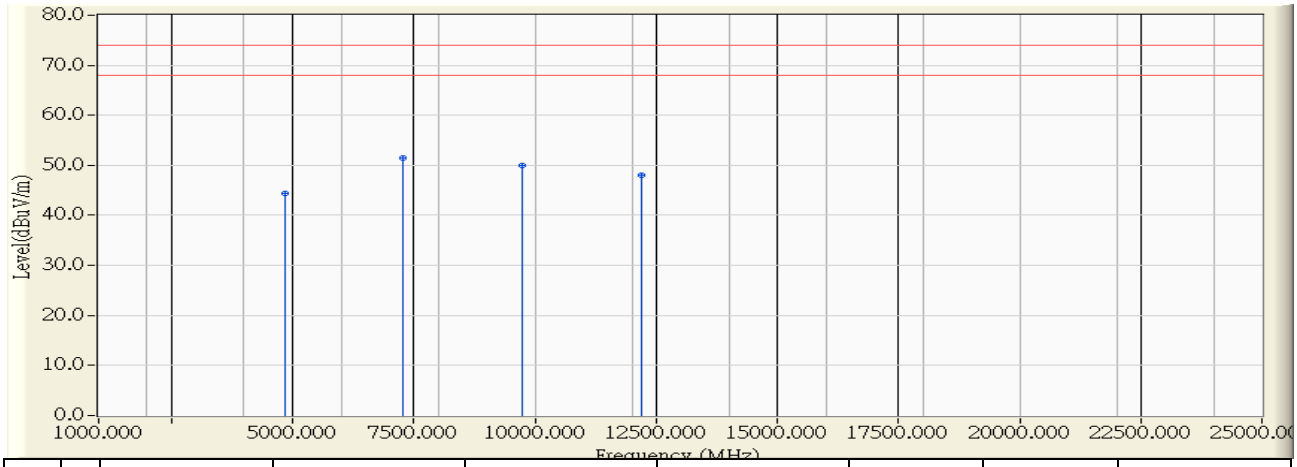


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.165	40.277	40.112	-33.888	74.000	PEAK
2		7236.000	7.410	40.193	47.603	-26.397	74.000	PEAK
3	*	9648.000	11.010	37.800	48.810	-25.190	74.000	PEAK
4		12060.000	12.517	36.244	48.761	-25.239	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 16:59**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2437MHz**

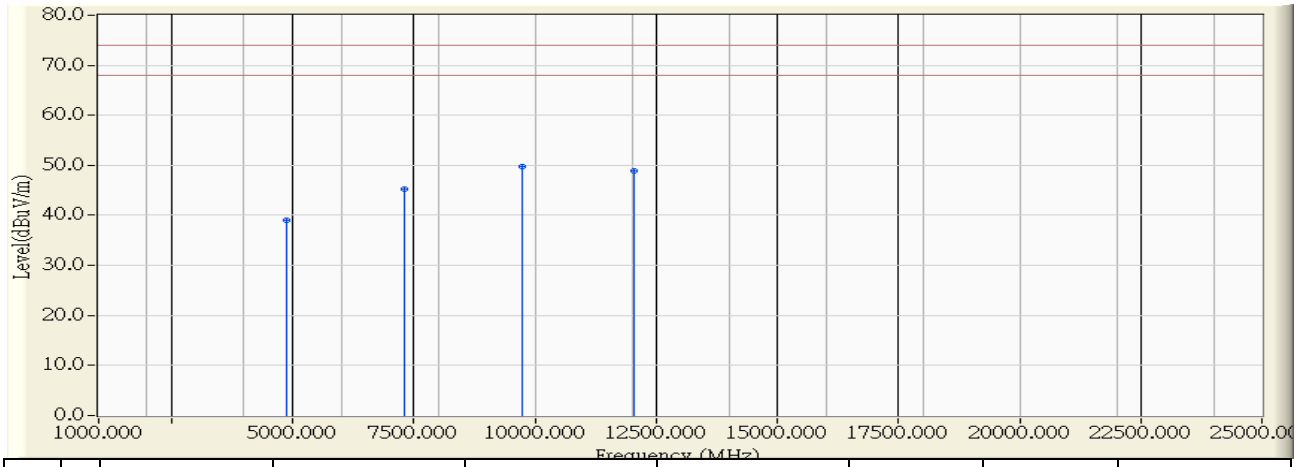


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4840.000	-0.114	44.588	44.474	-29.526	74.000	PEAK
2	*	7288.000	7.634	43.819	51.454	-22.546	74.000	PEAK
3		9748.000	11.667	38.395	50.062	-23.938	74.000	PEAK
4		12185.000	12.560	35.465	48.026	-25.974	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2437MHz**

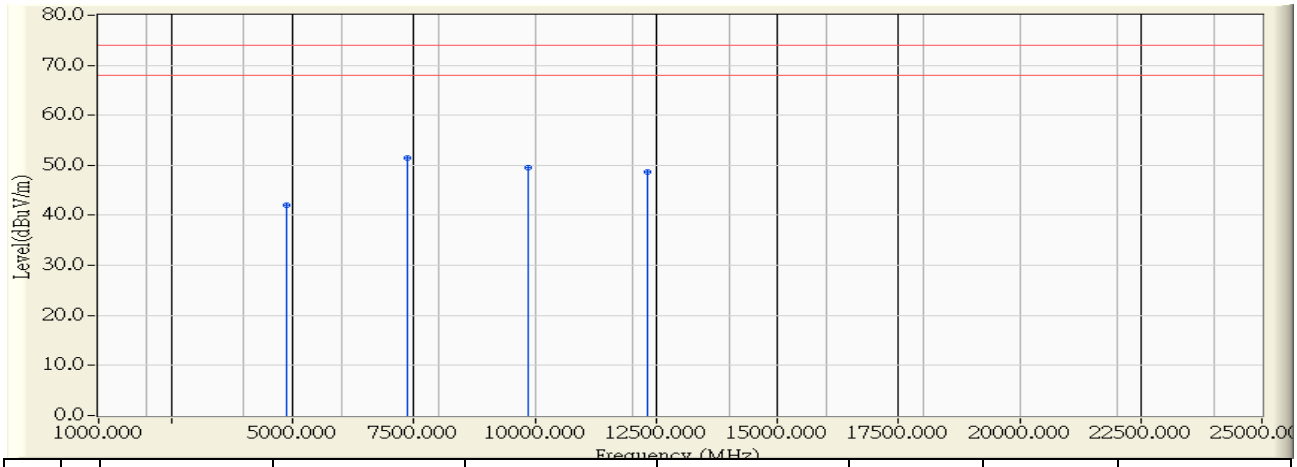


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	39.086	39.081	-34.919	74.000	PEAK
2		7311.000	7.735	37.555	45.290	-28.710	74.000	PEAK
3	*	9748.000	11.667	38.032	49.699	-24.301	74.000	PEAK
4		12060.000	12.517	36.414	48.931	-25.069	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:03**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2462MHz**

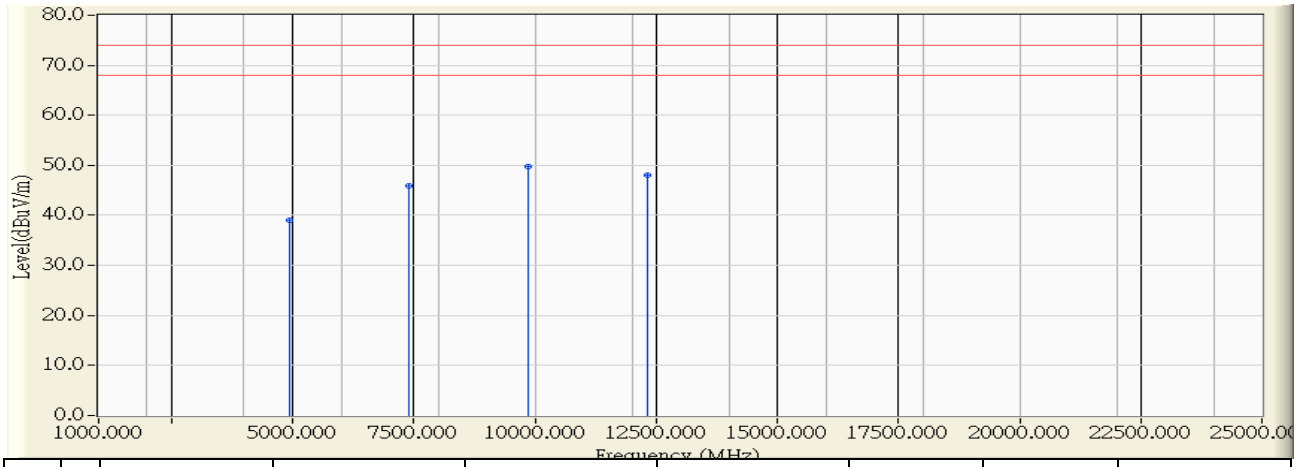


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4888.000	0.040	42.095	42.135	-31.865	74.000	PEAK
2	*	7384.000	8.050	43.511	51.562	-22.438	74.000	PEAK
3		9848.000	12.324	37.184	49.508	-24.492	74.000	PEAK
4		12310.000	12.604	36.177	48.781	-25.219	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:04**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_2462MHz**

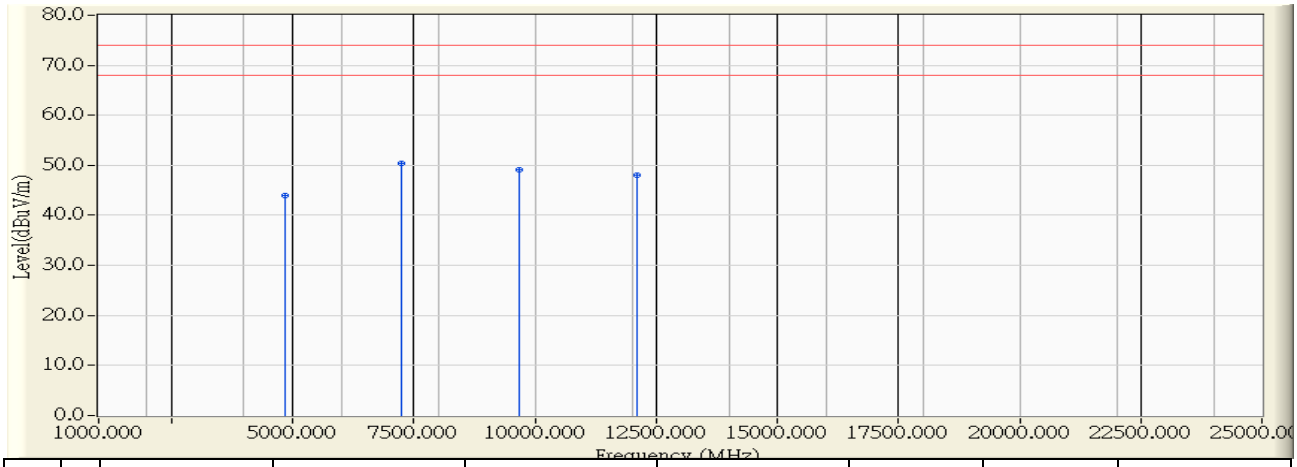


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	38.899	39.054	-34.946	74.000	PEAK
2		7386.000	8.060	37.770	45.829	-28.171	74.000	PEAK
3	*	9848.000	12.324	37.445	49.769	-24.231	74.000	PEAK
4		12310.000	12.604	35.346	47.950	-26.050	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:07**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2422MHz**

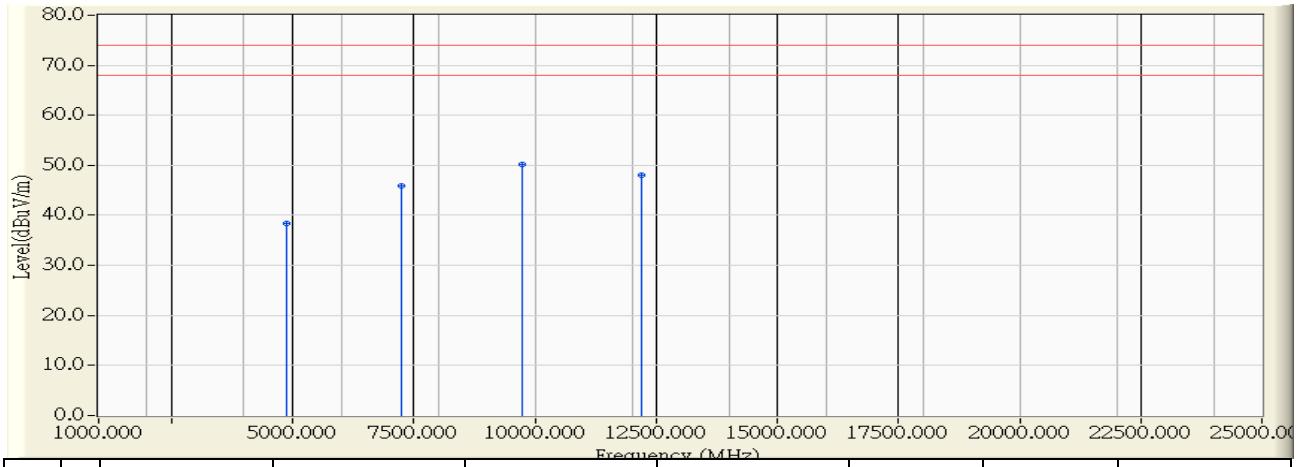


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4840.000	-0.114	44.025	43.911	-30.089	74.000	PEAK
2	*	7240.000	7.427	42.984	50.411	-23.589	74.000	PEAK
3		9688.000	11.272	37.785	49.058	-24.942	74.000	PEAK
4		12110.000	12.535	35.547	48.082	-25.918	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:09**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2422MHz**

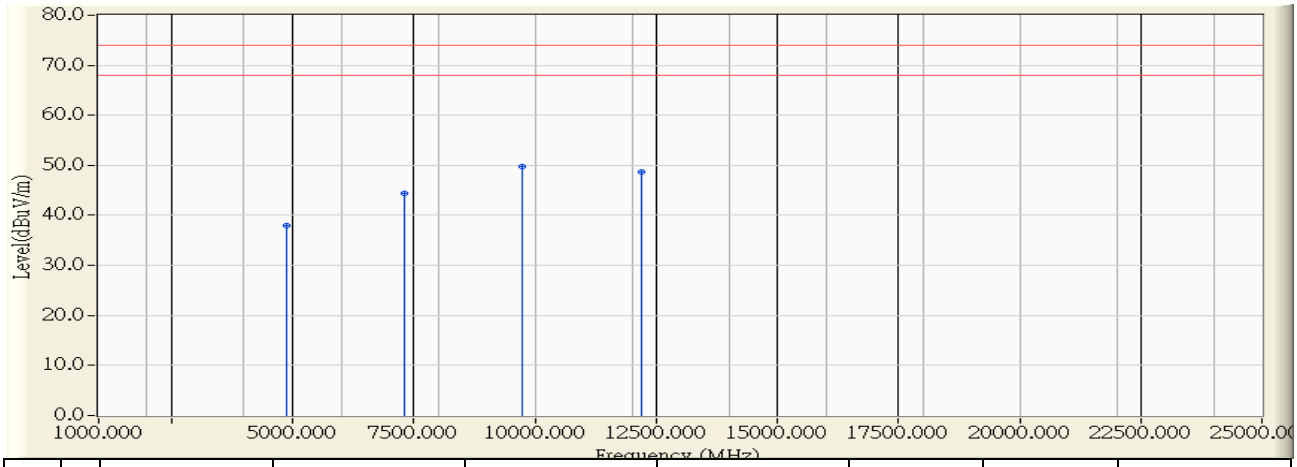


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	38.475	38.470	-35.530	74.000	PEAK
2		7238.800	7.422	38.525	45.947	-28.053	74.000	PEAK
3	*	9748.000	11.667	38.482	50.149	-23.851	74.000	PEAK
4		12185.000	12.560	35.404	47.965	-26.035	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2437MHz**

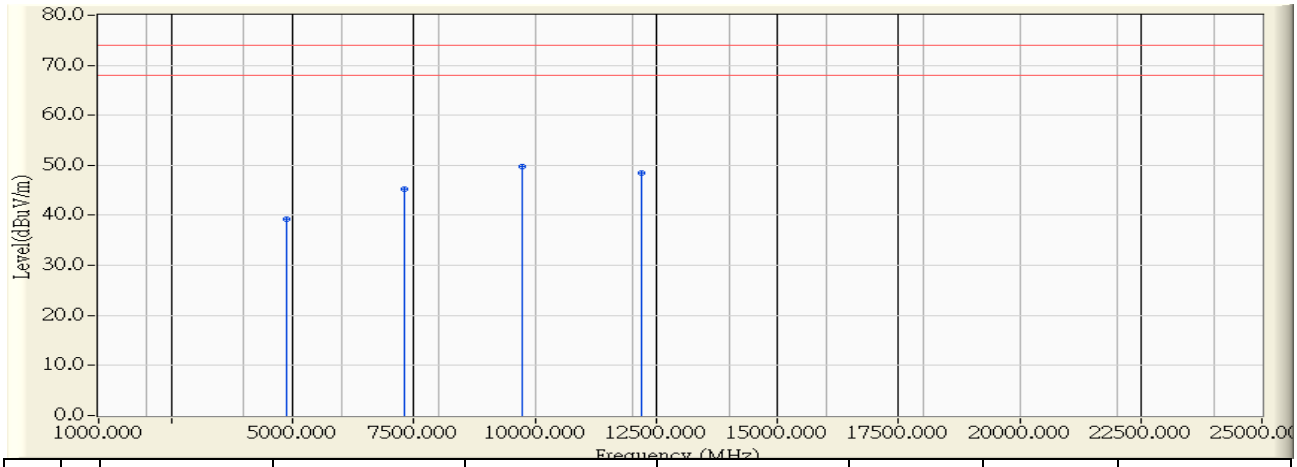


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	37.909	37.904	-36.096	74.000	PEAK
2		7311.000	7.735	36.707	44.442	-29.558	74.000	PEAK
3	*	9748.000	11.667	38.133	49.800	-24.200	74.000	PEAK
4		12185.000	12.560	36.221	48.782	-25.218	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:13**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2437MHz**

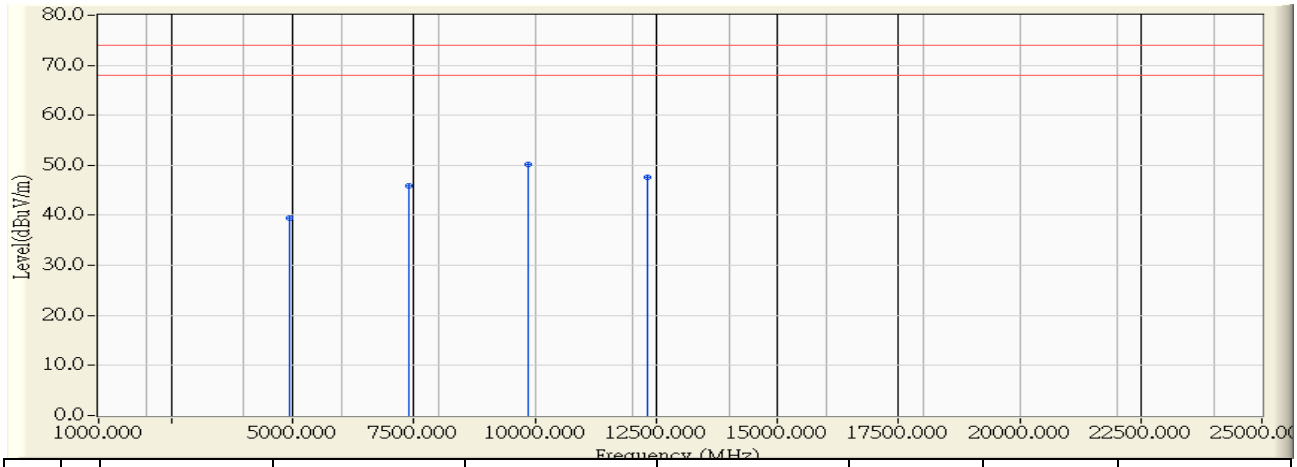


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.005	39.219	39.214	-34.786	74.000	PEAK
2		7311.000	7.735	37.425	45.160	-28.840	74.000	PEAK
3	*	9748.000	11.667	38.148	49.815	-24.185	74.000	PEAK
4		12185.000	12.560	35.866	48.427	-25.573	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:15**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2452MHz**

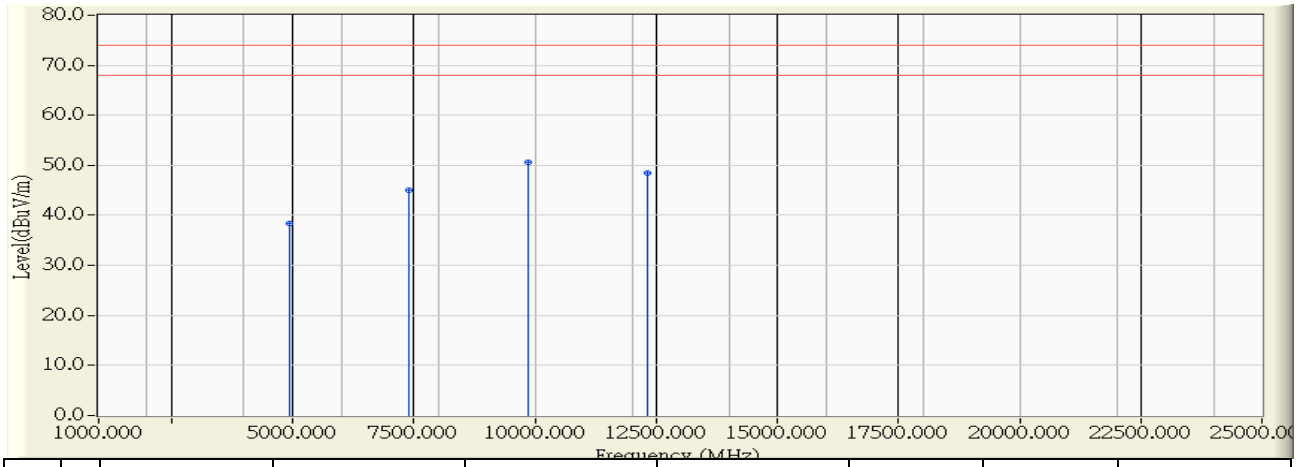


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	39.285	39.440	-34.560	74.000	PEAK
2		7386.000	8.060	37.790	45.849	-28.151	74.000	PEAK
3	*	9848.000	12.324	37.918	50.242	-23.758	74.000	PEAK
4		12310.000	12.604	35.100	47.704	-26.296	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 17:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_2452MHz**

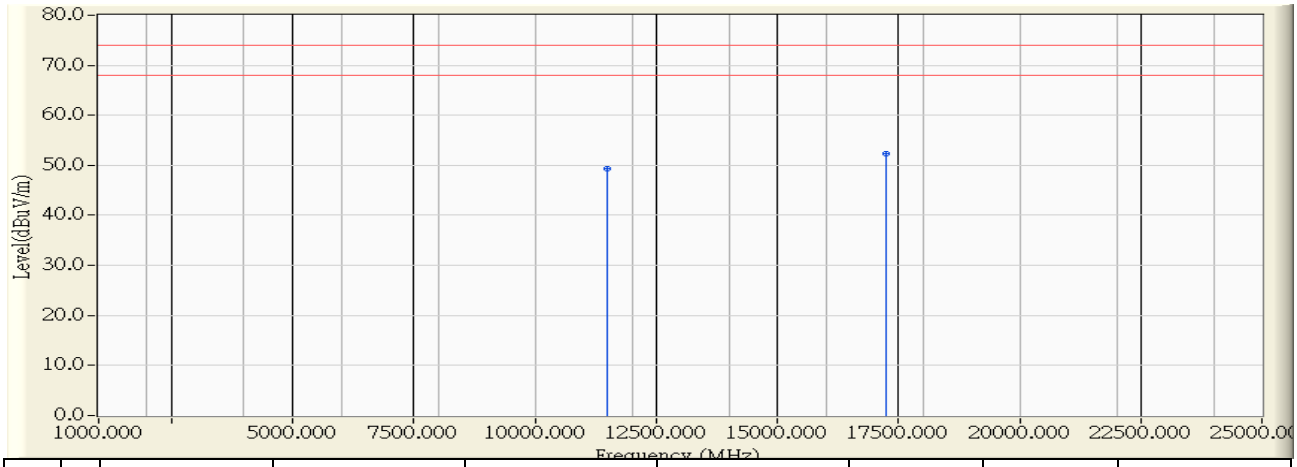


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	0.155	38.277	38.432	-35.568	74.000	PEAK
2		7386.000	8.060	37.077	45.136	-28.864	74.000	PEAK
3	*	9848.000	12.324	38.381	50.705	-23.295	74.000	PEAK
4		12310.000	12.604	35.844	48.448	-25.552	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5745MHz**

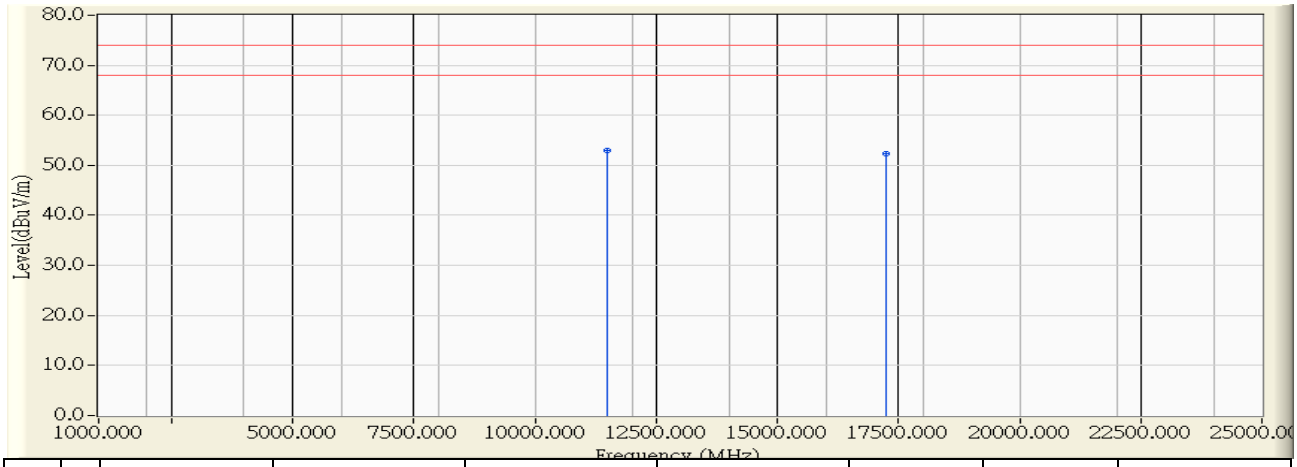


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11490.000	12.136	37.279	49.414	-24.586	74.000	PEAK
2	*	17235.000	15.740	36.688	52.428	-21.572	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5745MHz**

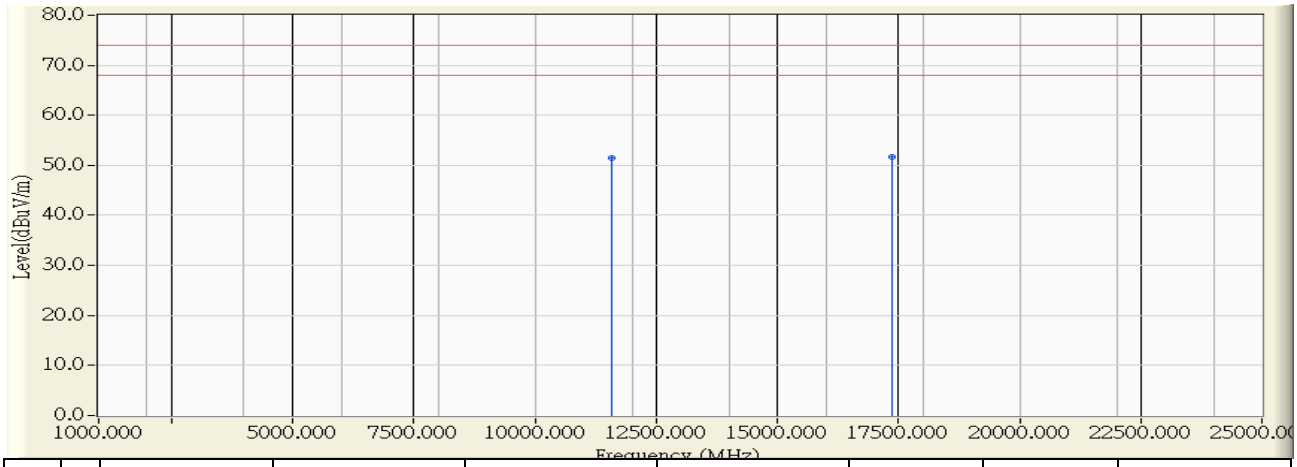


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	12.136	40.781	52.916	-21.084	74.000	PEAK
2		17235.000	15.740	36.592	52.332	-21.668	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:15**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5785MHz**

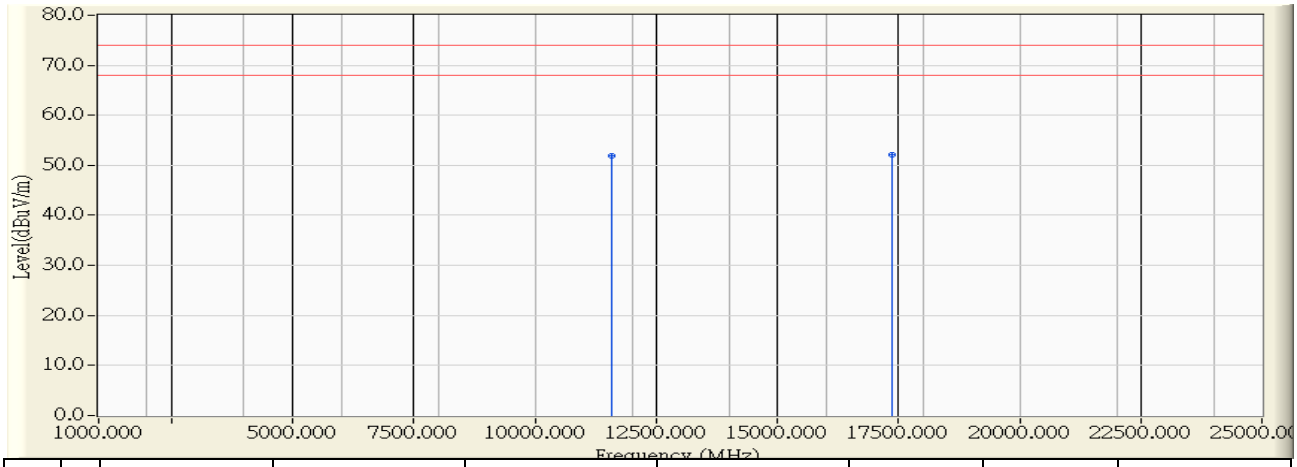


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11570.000	12.049	39.465	51.514	-22.486	74.000	PEAK
2	*	17355.000	16.228	35.480	51.708	-22.292	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:19**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5785MHz**

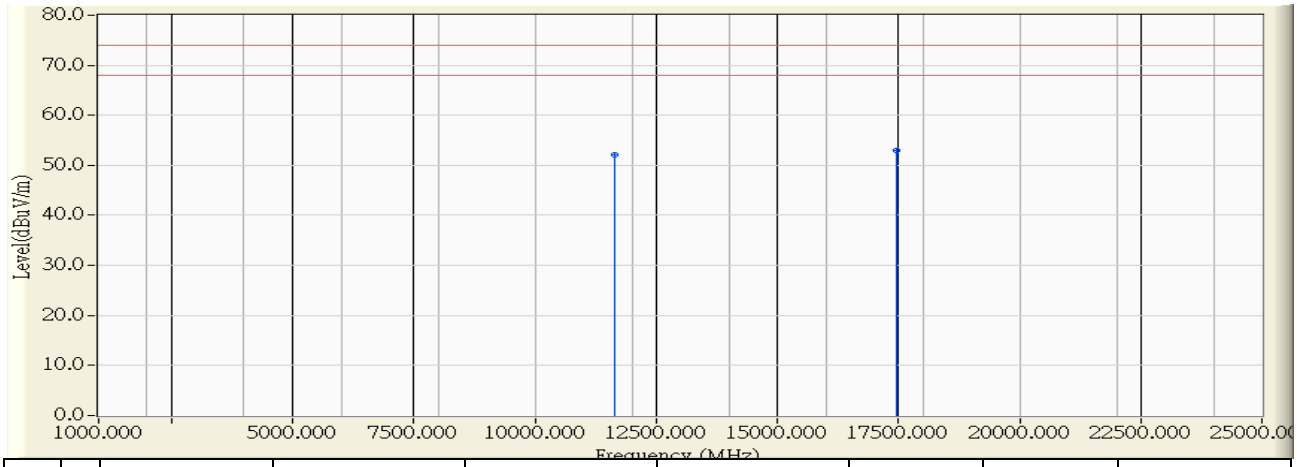


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11570.000	12.049	39.898	51.947	-22.053	74.000	PEAK
2	*	17355.000	16.228	35.848	52.076	-21.924	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:21**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5825MHz**

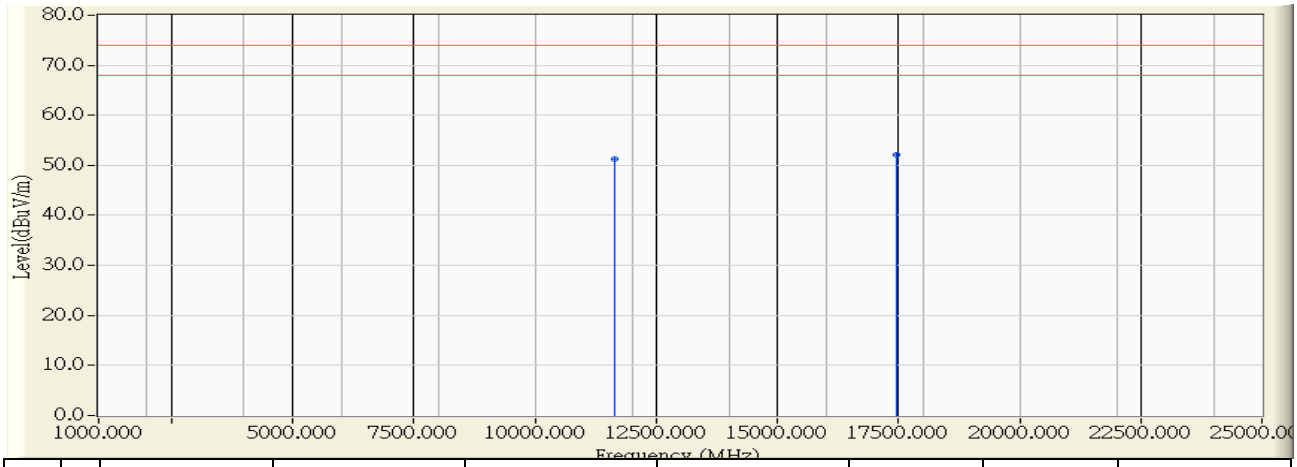


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11650.000	11.956	40.196	52.152	-21.848	74.000	PEAK
2	*	17475.000	16.716	36.200	52.916	-21.084	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:24**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030)** **802.11_a_5825MHz**

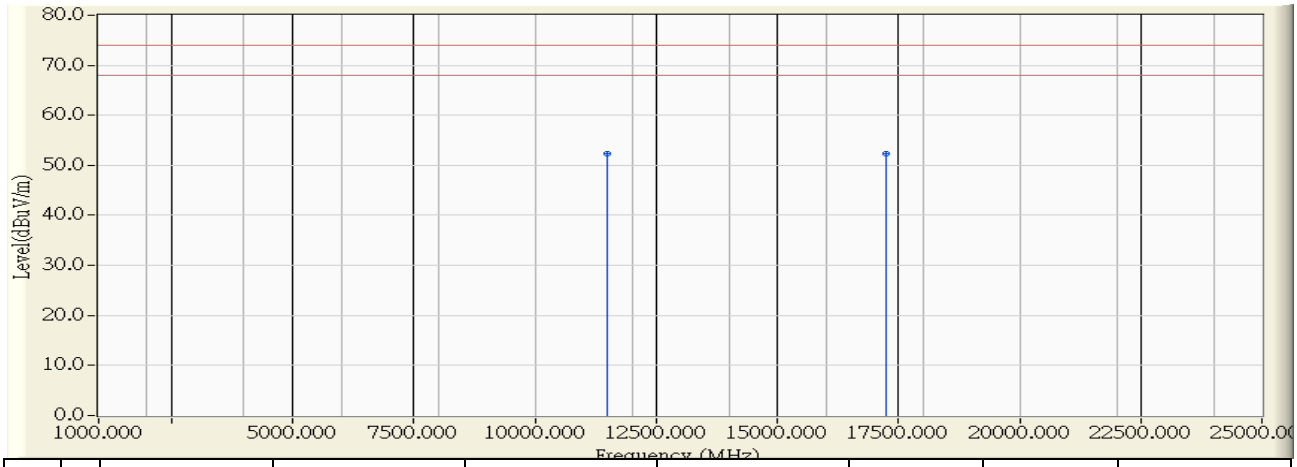


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11650.000	11.956	39.252	51.208	-22.792	74.000	PEAK
2	*	17475.000	16.716	35.427	52.143	-21.857	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:28**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5745MHz**

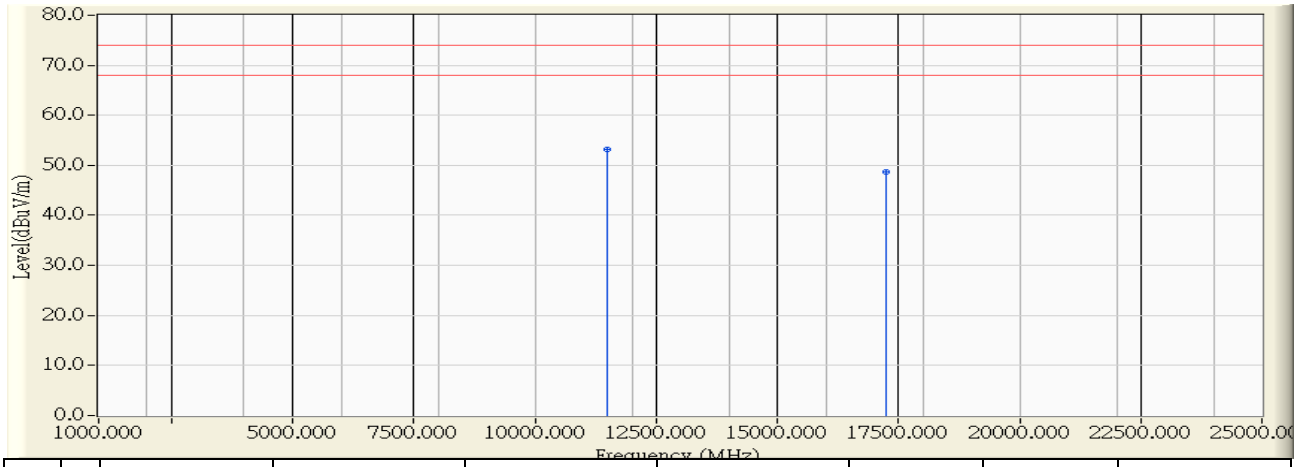


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11490.000	12.136	40.134	52.269	-21.731	74.000	PEAK
2	*	17235.000	15.740	36.545	52.285	-21.715	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:31**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5745MHz**

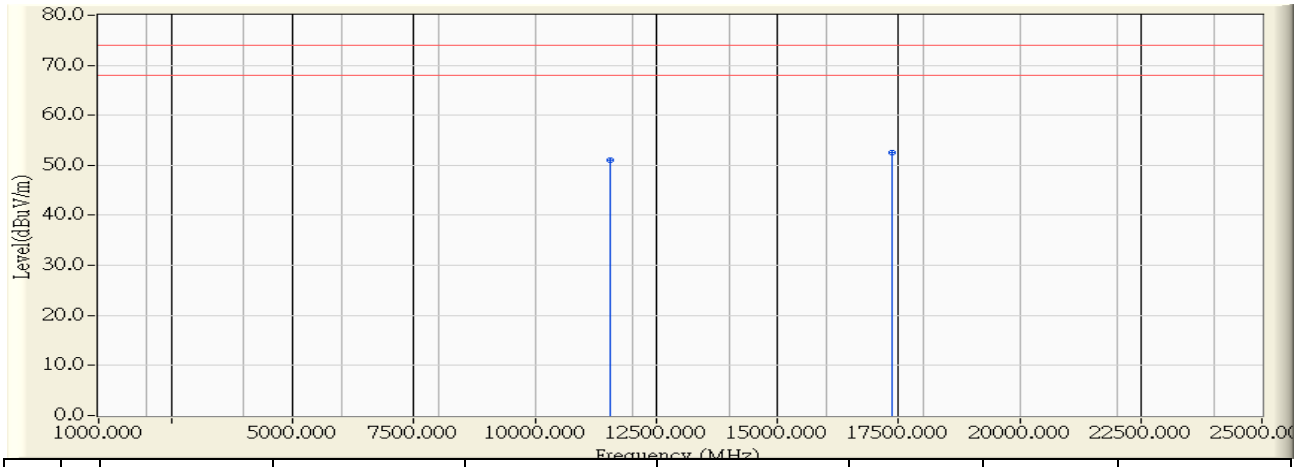


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	12.136	40.083	52.219	-21.781	74.000	PEAK
2		17235.000	15.740	32.984	48.724	-25.276	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:35**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5785MHz**

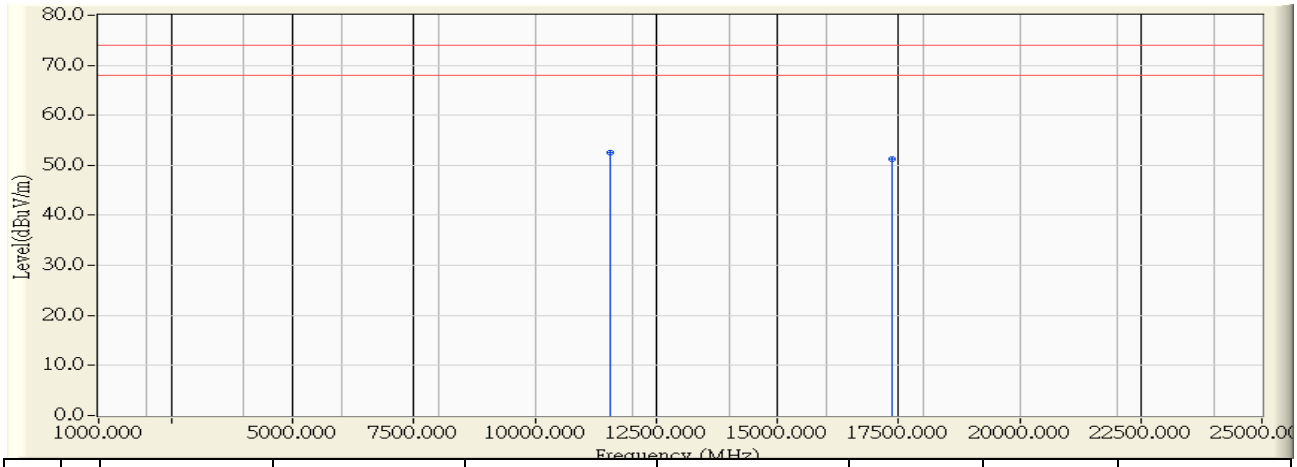


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11560.000	12.060	39.063	51.123	-22.877	74.000	PEAK
2	*	17355.000	16.228	36.374	52.602	-21.398	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:37**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5785MHz**

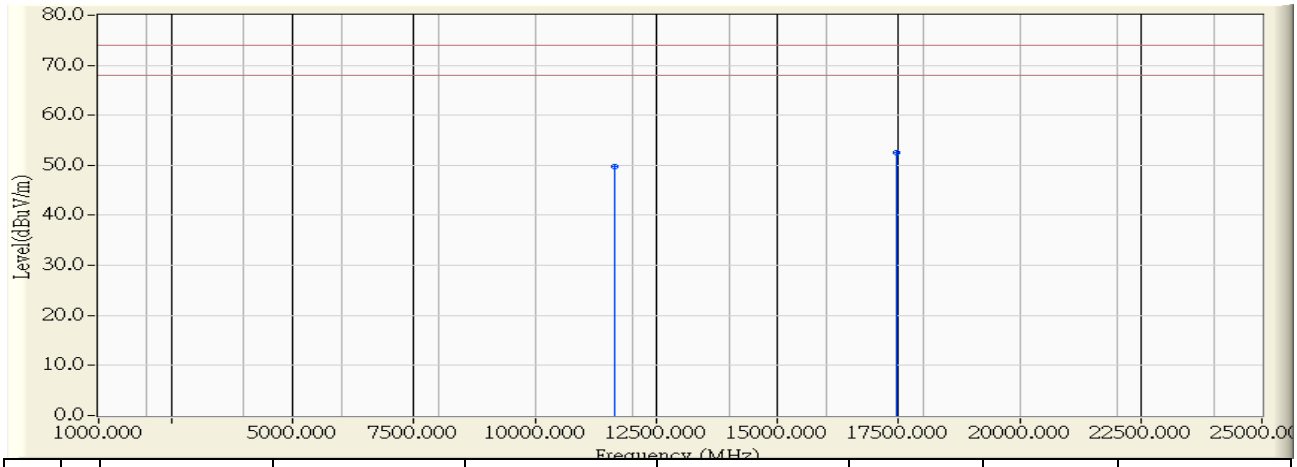


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11560.000	12.060	40.413	52.473	-21.527	74.000	PEAK
2		17355.000	16.228	35.138	51.366	-22.634	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:40**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5825MHz**

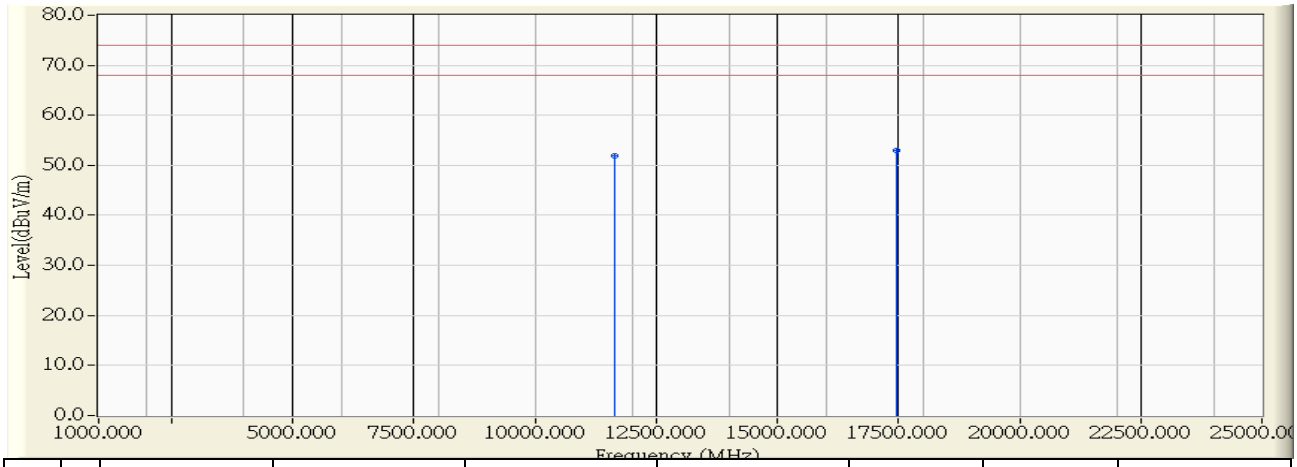


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11650.000	11.956	37.776	49.732	-24.268	74.000	PEAK
2	*	17475.000	16.716	35.820	52.536	-21.464	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:43**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(20MHz)_5825MHz**

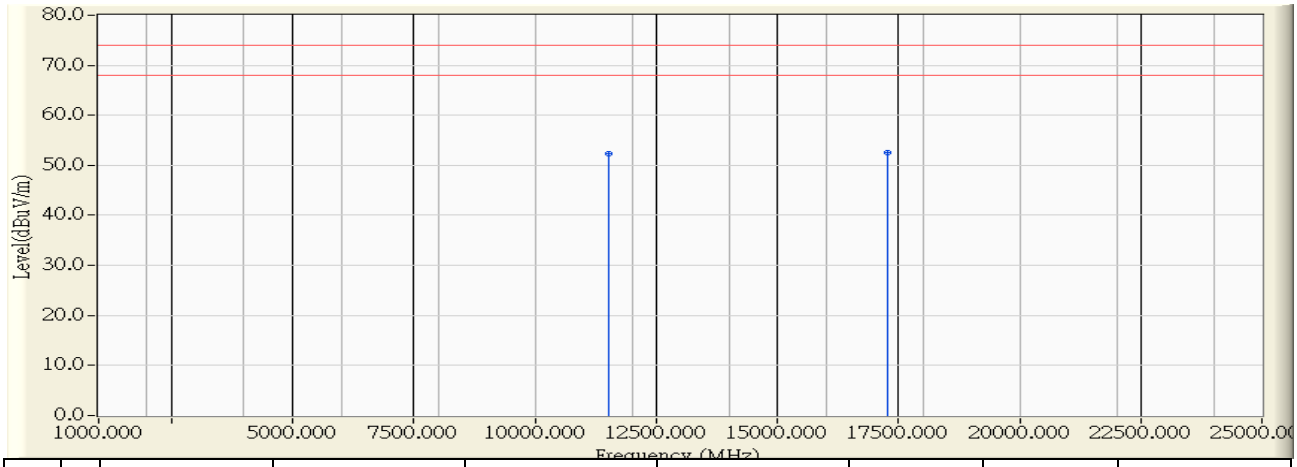


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11656.000	11.949	39.893	51.842	-22.158	74.000	PEAK
2	*	17475.000	16.716	36.199	52.915	-21.085	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:48**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_5755MHz**

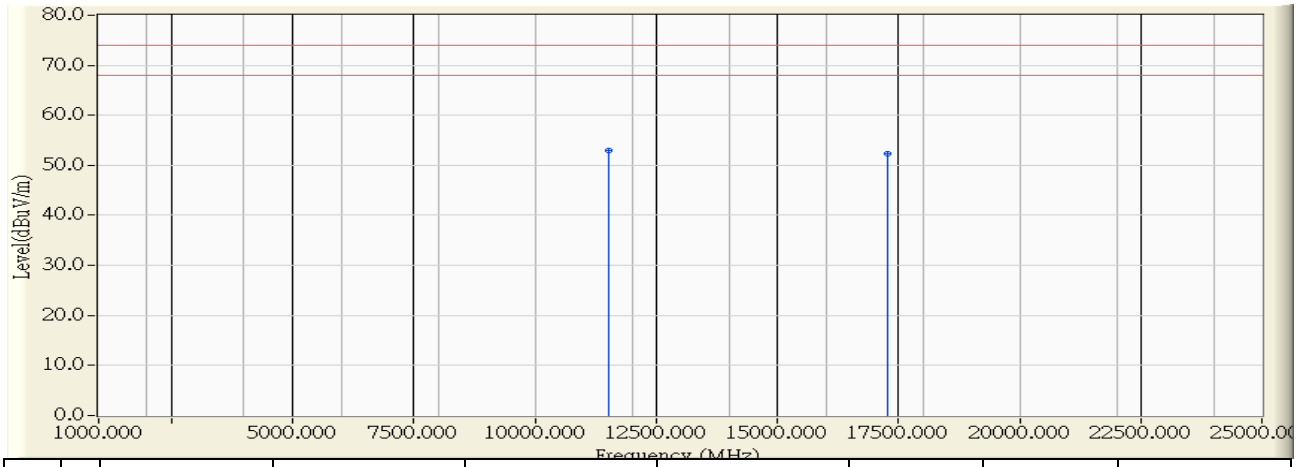


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11512.000	12.116	40.244	52.360	-21.640	74.000	PEAK
2	*	17265.000	15.862	36.672	52.534	-21.466	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:50**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_5755MHz**

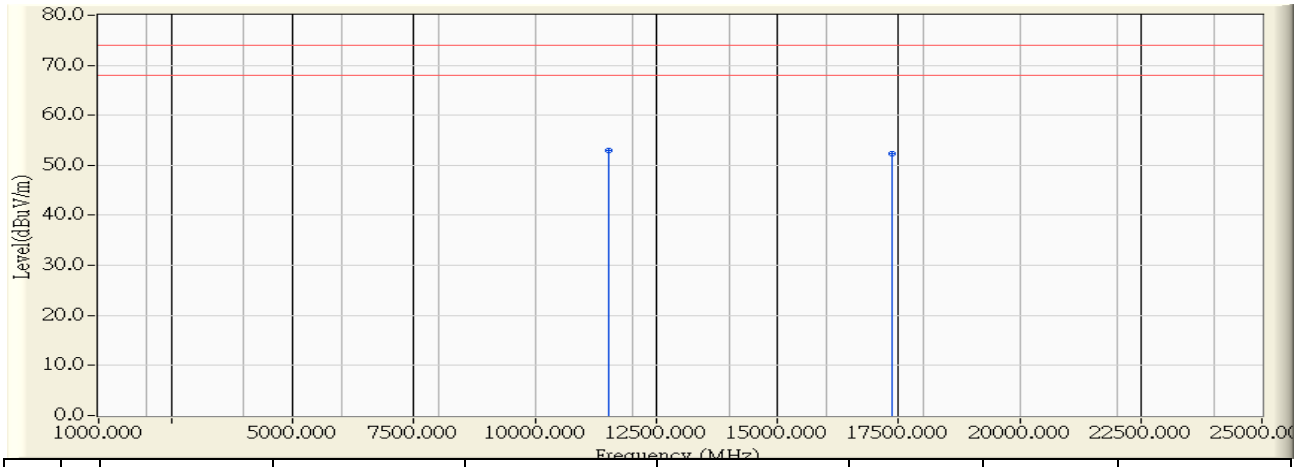


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11512.000	12.116	40.810	52.926	-21.074	74.000	PEAK
2		17265.000	15.862	36.490	52.352	-21.648	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/20 - 23:59**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_5795MHz**

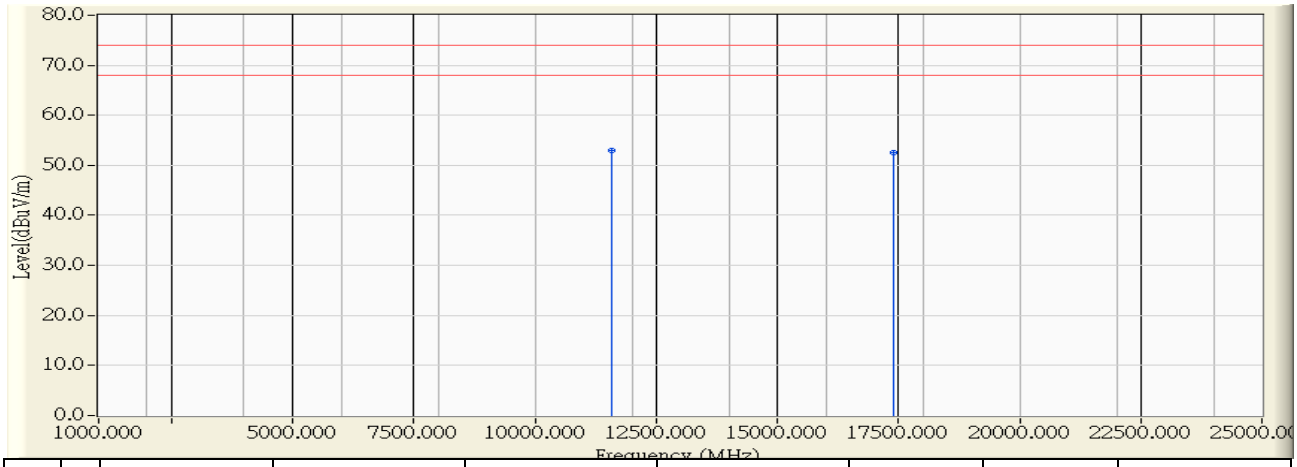


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11512.000	12.116	40.812	52.928	-21.072	74.000	PEAK
2		17355.000	16.228	36.009	52.237	-21.763	74.000	PEAK

Note:

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

Site : CB1	**Time : 2012/05/21 - 00:03**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 110V/60Hz**
EUT : Dual-band Wireless-N750 Gigabit Router	**Note : Mode 1: Transmit_(Adapter: AD82030) 802.11_n(40MHz)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11590.000	12.025	40.940	52.965	-21.035	74.000	PEAK
2		17385.000	16.350	36.180	52.530	-21.470	74.000	PEAK

Note:

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