FCC Test Report

Product Name ： RT-N18U 2.4GHz 600Mbps High Power Router

Model No. ： RT-N18U

FCC ID. ： MSQ-RTN18U

Applicant ： ASUSTeK COMPUTER INC.

Address ： 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt ： 2014/03/24

Issued Date ： 2014/05/02

Report No. ： 1430470R-RFUSP28V00

Report Version ： V1.0

Test Report Certification

Issued Date : 2014/05/02
Report No. : 1430470R-RFUSP28V00

QuieTek

Product Name	：	RT-N18U 2.4GHz 600Mbps High Power Router
Applicant	：	ASUSTeK COMPUTER INC.
Address	：	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	：	Arcadyan Technology Corporationtion
Model No.	：	RT-N18U
FCC ID.	：	MSQ-RTN18U
EUT Test Voltage	：	AC 100-240V, 50/60Hz
Trade Name	：	ASUS
Applicable Standard	：	FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2013 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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(Roy Wang / Director)

Laboratory Information

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

Taiwan R.O.C.	**:**	**TAF, Accreditation Number: 1313** **NCC, Certificate No : NCC-RCB-07**
USA	**:**	**FCC, Registration Number: 365520**
Canada	**:**	**IC, Submission No: 150981**

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

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TABLE OF CONTENTS

Description		Page
1.	General Information	6
1.1.	EUT Description	6
1.2.	Test Mode	12
1.3.	Tested System Details	13
1.4.	Configuration of tested System	13
1.5.	EUT Exercise Software	14
1.6.	Test Facility	15
2.	Conducted Emission	16
2.1.	Test Equipment	16
2.2.	Test Setup	16
2.3.	Limits	17
2.4.	Test Procedure	17
2.5.	Test Specification	17
2.6.	Uncertainty	17
2.7.	Test Result	18
2.8.	Test Photo	26
3.	Peak Power Output	30
3.1.	Test Equipment	30
3.2.	Test Setup	30
3.3.	Test procedures	30
3.4.	Limits	30
3.5.	Test Specification	30
3.6.	Uncertainty	30
3.7.	Test Result	31
4.	Radiated Emission	83
4.1.	Test Equipment	83
4.2.	Test Setup	83
4.3.	Limits	84
4.4.	Test Procedure	84
4.5.	Test Specification	84
4.6.	Uncertainty	84
4.7.	Test Result	85
4.8.	Test Photo	167
5.	RF antenna conducted test	173
5.1.	Test Equipment	173
5.2.	Test Setup	173
5.3.	Limits	174
5.4.	Test Procedure	174
5.5.	Test Specification	174

5.6. Uncertainty 174
5.7. Test Result 175
6. Radiated Emission Band Edge 343
6.1. Test Equipment 343
6.2. Test Setup 343
6.3. Limits 344
6.4. Test Procedure 344
6.5. Test Specification 344
6.6. Uncertainty 344
6.7. Test Result 345
7. Occupied Bandwidth 401
7.1. Test Equipment 401
7.2. Test Setup 401
7.3. Test Procedures 401
7.4. Limits 401
7.5. Test Specification 401
7.6. Uncertainty 401
7.7. Test Result 402
8. Power Density 426
8.1. Test Equipment 426
8.2. Test Setup 426
8.3. Limits 426
8.4. Test Procedures 426
8.5. Test Specification 426
8.6. Uncertainty 426
8.7. Test Result 427
Attachement 476
EUT Photograph 476

1. General Information

1.1. EUT Description

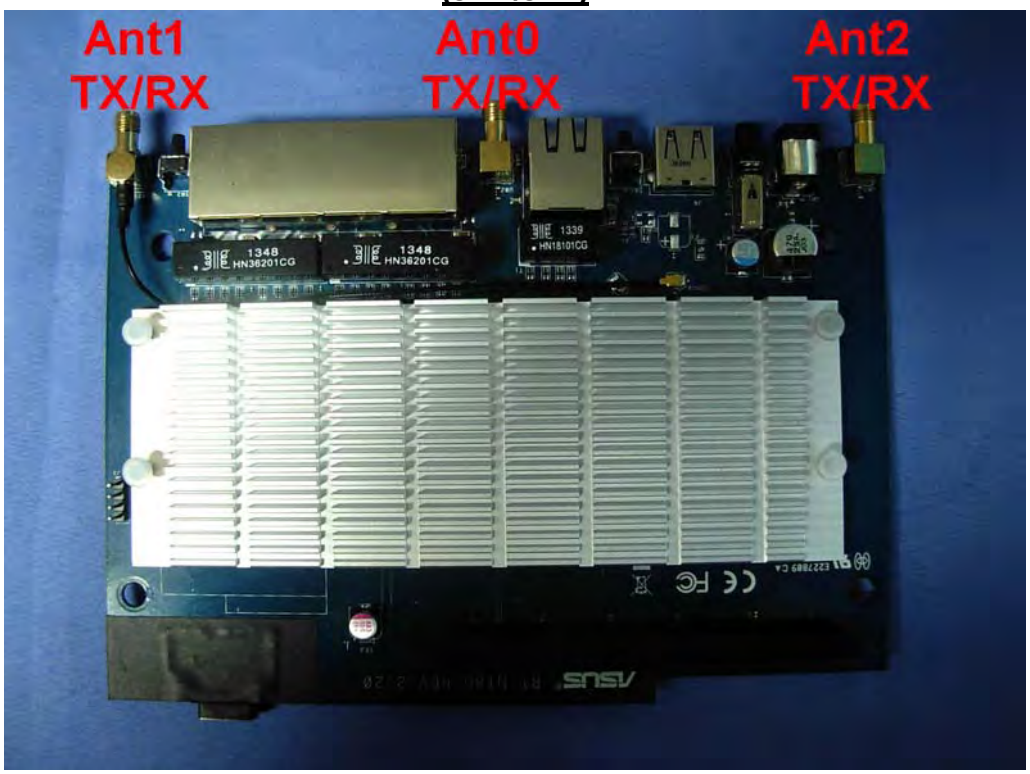
Product Name	RT-N18U 2.4GHz 600Mbps High Power Router
Product Type	WLAN (3TX, 3RX)
Trade Name	ASUS
Model No.	RT-N18U
Frequency Range/Channel Number -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
Frequency Range/Channel Number -IEEE 802.11n(40MHz) _2.4GHz	2422~2452MHz / 7 Channels
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n
Antenna Gain	Ant0: 2.0dBi, Ant1: 2.0dBi, Ant2: 2.0dBi
Beamforming Gain	4.77dB
Antenna Type	Dipole antenna

Component	
LAN Cable	NIEN-YI, 13120022F Shielded, 1.5m
LAN Cable	EJE, ZY02-046 Non-Shielded, 1.5m
Power Adapter (Mode 1,2)	CWT, CAP018121 I/P: 100-240V~47-63Hz, 0.6A O/P: 12.0V⎓1.5A Cable Out: Non-Shielded, 2m
Power Adapter (Mode 3)	ITE, MU18-2120125-A1 I/P: 100-240V~50/60Hz, 0.6A O/P: 12V⎓1.25A Cable Out: Non-Shielded, 2m
Power Adapter (Mode 4)	ITE, MU18-R120150-A1 I/P: 100-240V~50/60Hz, 0.6A O/P: 12V⎓1.5A Cable Out: Non-Shielded, 2m

ANT-TX / RX & Bandwidth

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

(3TX /3RX)



IEEE 802.11n

MCS Index	Modulation	R	NBPSCS	NCBPS		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								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	
								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	
								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)

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

IEEE 802.11n (40MHz)

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

Note:

1. This device is the RT-N18U 2.4GHz 600Mbps High Power Router including 2.4GHz b/g/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 is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 1430470R-RFUSP01V00 under Declaration of Conformity.

1.2. 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	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1) Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)

Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0+1+2	Complies
Peak Power Output	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2	Complies
Radiated Emission	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2	Complies
RF antenna conducted test	b/g	1/ 6/ 11	0/1/2	Complies
	11n(20MHz)	1/ 6/ 11	0/1/2	Complies
	11n(40MHz)	3/ 6/ 9	0/1/2	Complies
Radiated Emission Band Edge	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2	Complies
Occupied Bandwidth	b/g	1/ 6/ 11	0/1/2	Complies
	11n(20MHz)	1/ 6/ 11	0/1/2	Complies
	11n(40MHz)	3/ 6/ 9	0/1/2	Complies
Power Density	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2	Complies

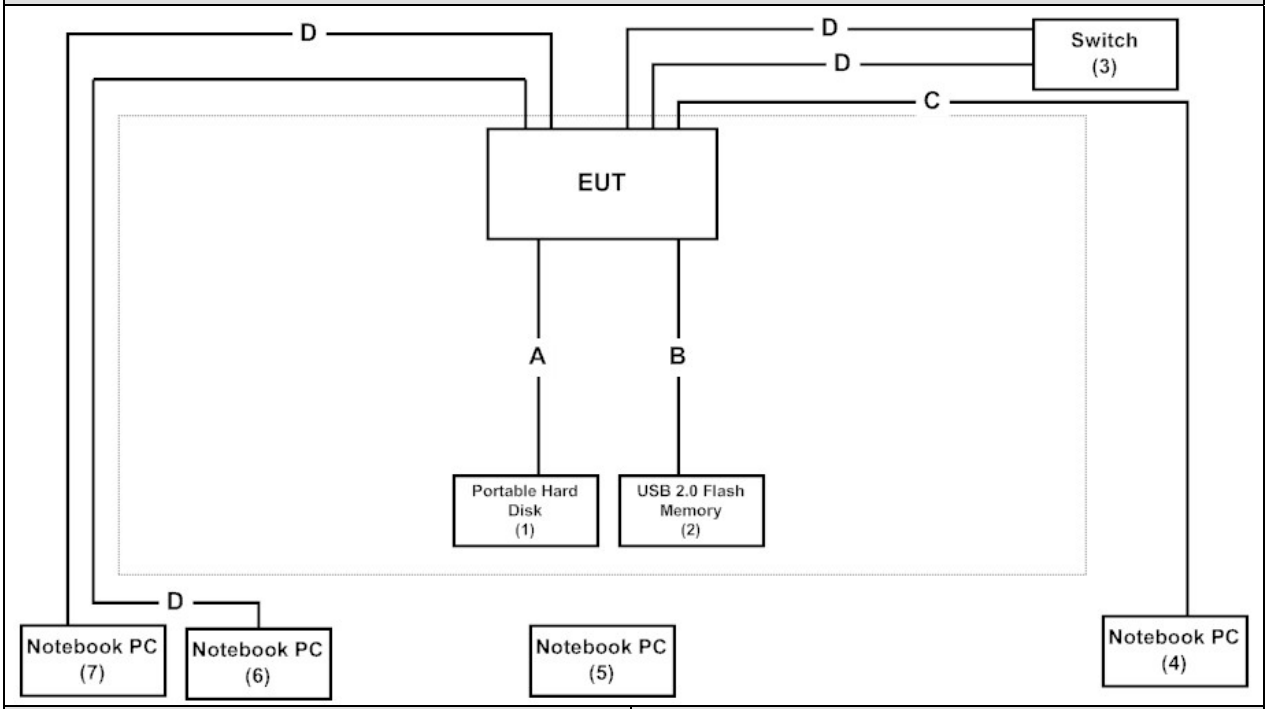
1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Portable Hard Disk	WD	My Passport	WXE1AB0M5632	--
2	USB 2.0 Flash Memory	Apacer	AH223	N/A	--
3	Switch	D-Link	DGS1216T	F360298000076	Non-Shielded, 1.8m
4	Notebook PC	HP	HSTNN-146C	CNU8253S1X	Non-Shielded, 1.8m
5	Notebook PC	ACER	MS2296	LUSCV0213911503 32C2000	Non-Shielded, 2.5m one ferrite core bonded
6	Notebook PC	DELL	Vostro3400	7F808N1	Non-Shielded, 1.8m
7	Notebook PC	DELL	PP26L	66TLZ1S	Non-Shielded, 1.8m

1.4. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	Portable Hard Disk Cable	Shielded, 0.5m
B	USB 2.0 Flash Memory Cable	Shielded, 1m
C	LAN Cable	Shielded, 3m
D	LAN Cable	Shielded, 3m, 4PCS

1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the test program “RT5x7xQA.exe” on the notebook.
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.

1.6. 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	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	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	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	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	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000

2. Conducted Emission

2.1. Test Equipment

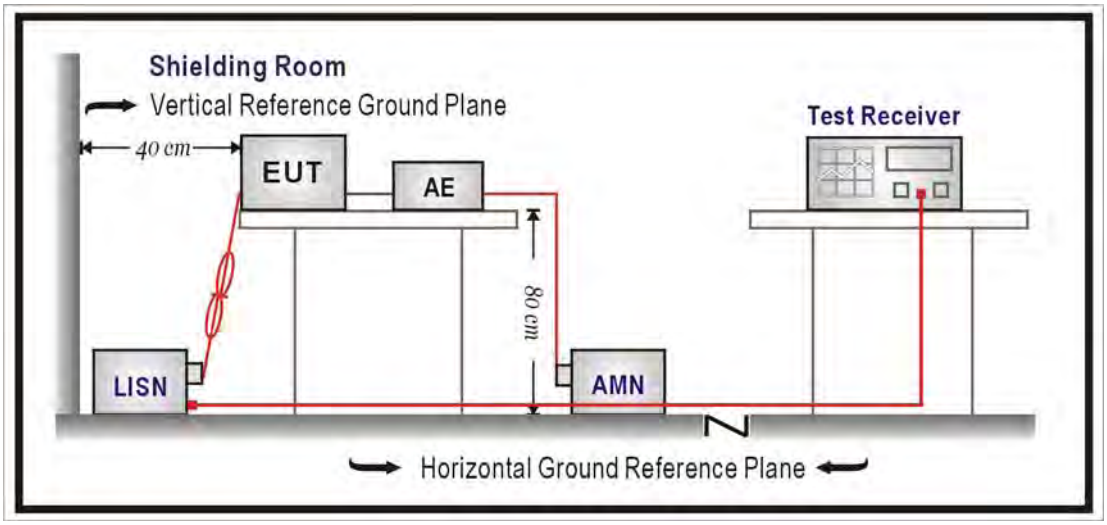
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2014/08/01
LISN	R&S	ESH3-Z5	836679/022	2015/01/02
Test Receiver	R&S	ESCS 30	825442/017	2014/12/24

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 KDB558074 v03r01 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

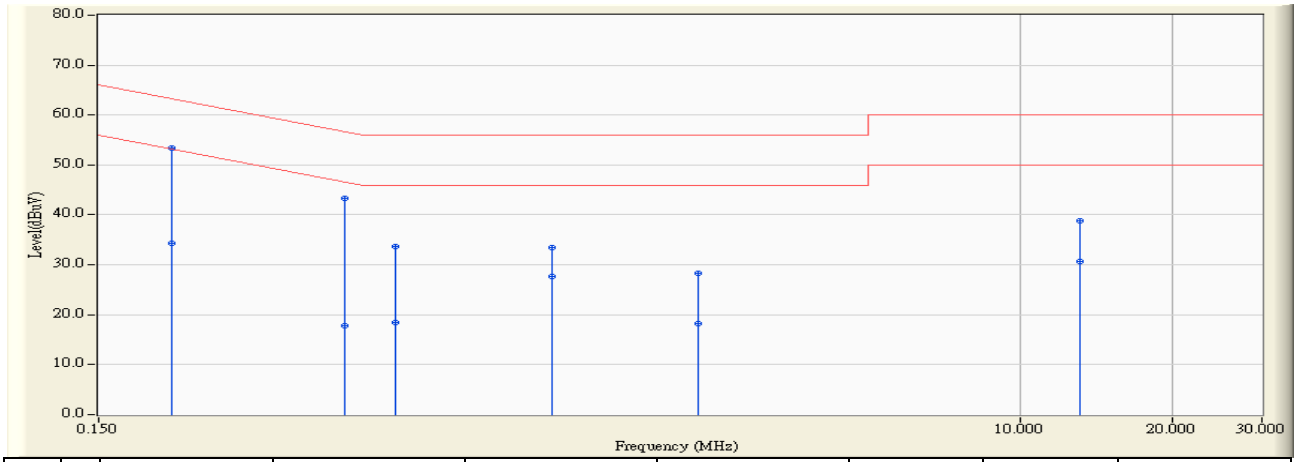
According to FCC Part 15 Subpart C Paragraph 15.207: 2012

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	**Time : 2014/04/03 - 11:37**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line1	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_80211n 40MHz**

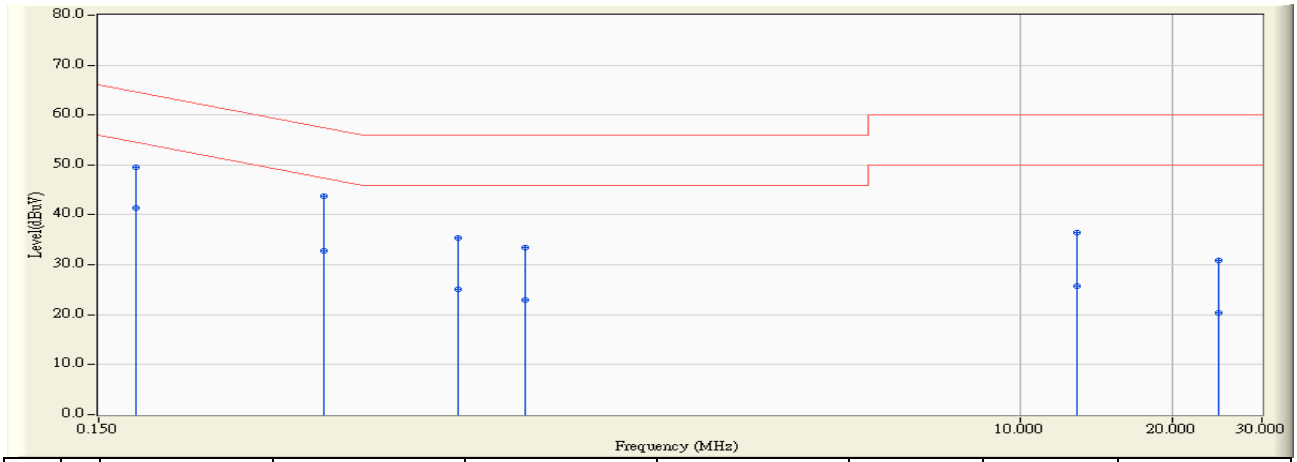


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.209	9.646	43.830	53.477	-9.784	63.261	QUASIPEAK
2		0.209	9.646	24.720	34.367	-18.894	53.261	AVERAGE
3		0.459	9.719	33.520	43.239	-13.479	56.718	QUASIPEAK
4		0.459	9.719	8.030	17.749	-28.969	46.718	AVERAGE
5		0.580	9.733	23.850	33.583	-22.417	56.000	QUASIPEAK
6		0.580	9.733	8.750	18.483	-27.517	46.000	AVERAGE
7		1.185	9.760	23.710	33.470	-22.530	56.000	QUASIPEAK
8		1.185	9.760	17.900	27.660	-18.340	46.000	AVERAGE
9		2.302	9.861	18.460	28.322	-27.678	56.000	QUASIPEAK
10		2.302	9.861	8.460	18.322	-27.678	46.000	AVERAGE
11		13.095	10.191	28.640	38.830	-21.170	60.000	QUASIPEAK
12		13.095	10.191	20.520	30.710	-19.290	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 : 2014/04/03 - 11:39**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line2	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_80211n 40MHz**

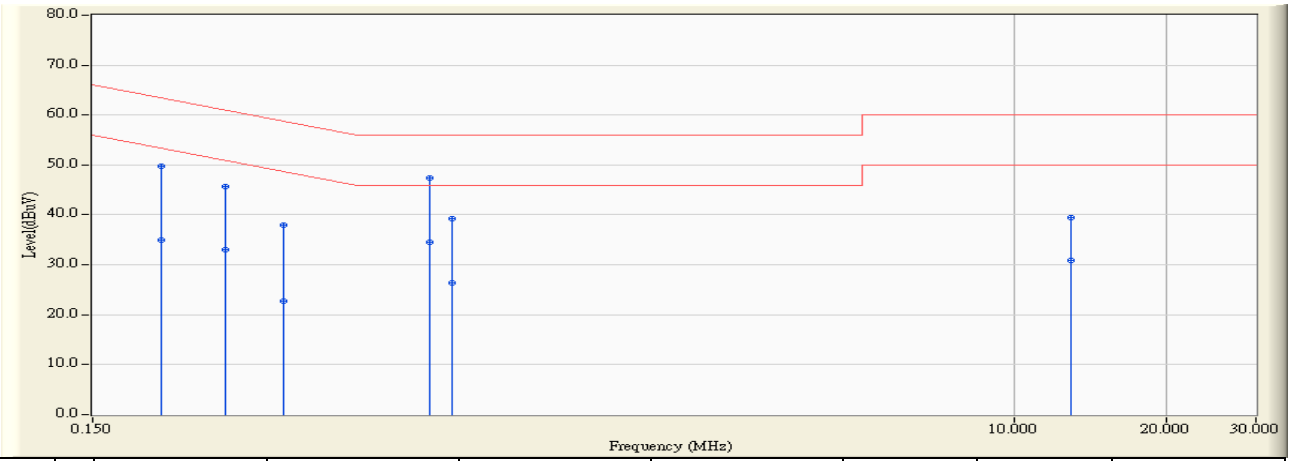


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.177	9.628	39.830	49.458	-15.152	64.609	QUASIPEAK
2	*	0.177	9.628	31.680	41.308	-13.302	54.609	AVERAGE
3		0.420	9.687	34.030	43.717	-13.740	57.457	QUASIPEAK
4		0.420	9.687	23.130	32.817	-14.640	47.457	AVERAGE
5		0.771	9.716	25.670	35.386	-20.614	56.000	QUASIPEAK
6		0.771	9.716	15.460	25.176	-20.824	46.000	AVERAGE
7		1.045	9.724	23.680	33.405	-22.595	56.000	QUASIPEAK
8		1.045	9.724	13.170	22.895	-23.105	46.000	AVERAGE
9		12.939	10.224	26.260	36.484	-23.516	60.000	QUASIPEAK
10		12.939	10.224	15.610	25.834	-24.166	50.000	AVERAGE
11		24.595	10.372	20.580	30.952	-29.048	60.000	QUASIPEAK
12		24.595	10.372	9.930	20.302	-29.698	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 : 2014/04/03 - 11:43**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line1	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_80211n 40MHz**

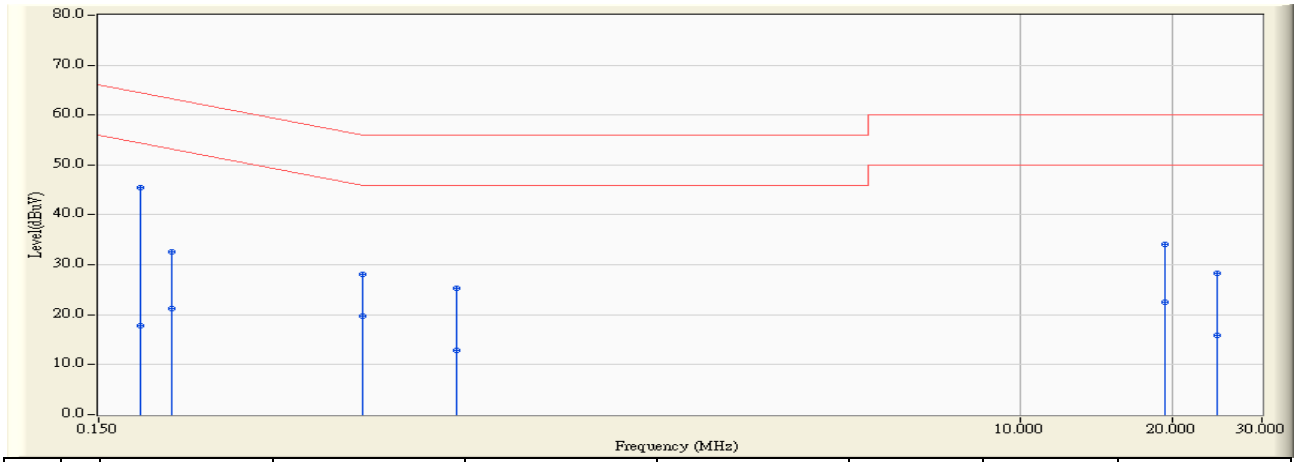


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.205	9.646	40.130	49.776	-13.642	63.418	QUASIPEAK
2		0.205	9.646	25.420	35.066	-18.352	53.418	AVERAGE
3		0.275	9.665	36.110	45.775	-15.190	60.966	QUASIPEAK
4		0.275	9.665	23.320	32.985	-17.980	50.966	AVERAGE
5		0.357	9.689	28.180	37.869	-20.928	58.797	QUASIPEAK
6		0.357	9.689	13.060	22.749	-26.048	48.797	AVERAGE
7	*	0.697	9.735	37.650	47.385	-8.615	56.000	QUASIPEAK
8		0.697	9.735	24.700	34.435	-11.565	46.000	AVERAGE
9		0.771	9.736	29.570	39.306	-16.694	56.000	QUASIPEAK
10		0.771	9.736	16.650	26.386	-19.614	46.000	AVERAGE
11		12.955	10.187	29.300	39.487	-20.513	60.000	QUASIPEAK
12		12.955	10.187	20.770	30.957	-19.043	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 : 2014/04/03 - 11:45**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line2	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_80211n 40MHz**

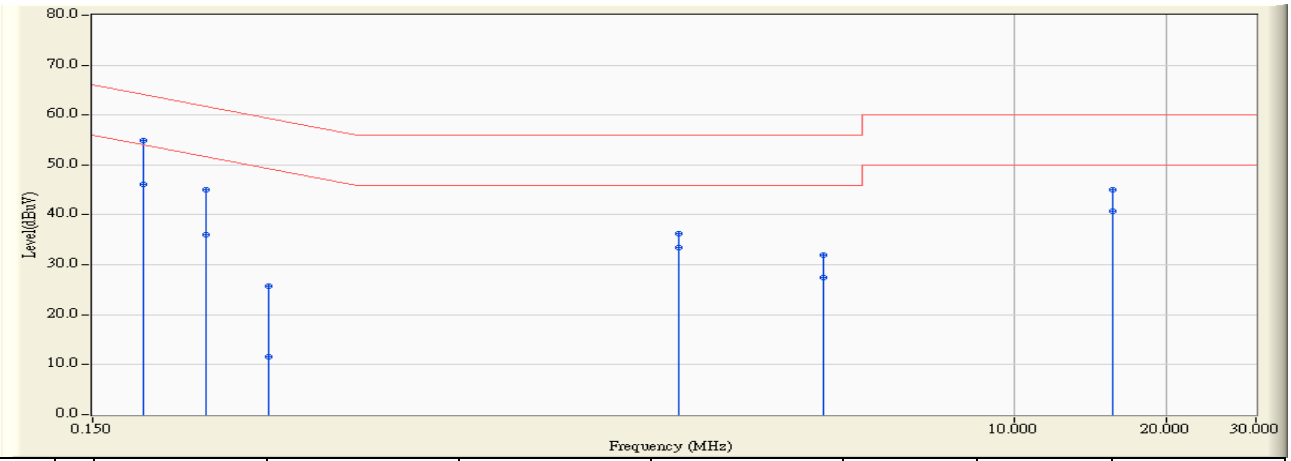


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.181	9.629	35.760	45.389	-19.040	64.428	QUASIPEAK
2		0.181	9.629	8.280	17.909	-36.520	54.428	AVERAGE
3		0.209	9.635	22.890	32.526	-30.735	63.261	QUASIPEAK
4		0.209	9.635	11.570	21.206	-32.055	53.261	AVERAGE
5		0.498	9.710	18.300	28.009	-28.030	56.039	QUASIPEAK
6		0.498	9.710	9.990	19.699	-26.340	46.039	AVERAGE
7		0.767	9.716	15.540	25.256	-30.744	56.000	QUASIPEAK
8		0.767	9.716	3.110	12.826	-33.174	46.000	AVERAGE
9		19.271	10.187	24.020	34.208	-25.792	60.000	QUASIPEAK
10		19.271	10.187	12.330	22.518	-27.482	50.000	AVERAGE
11		24.423	10.365	17.860	28.225	-31.775	60.000	QUASIPEAK
12		24.423	10.365	5.550	15.915	-34.085	50.000	AVERAGE

Note:

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

Site : SR3	**Time : 2014/03/20 - 15:58**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-3_0813 - Line1	**Power : AC 110V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_80211n 40MHz**

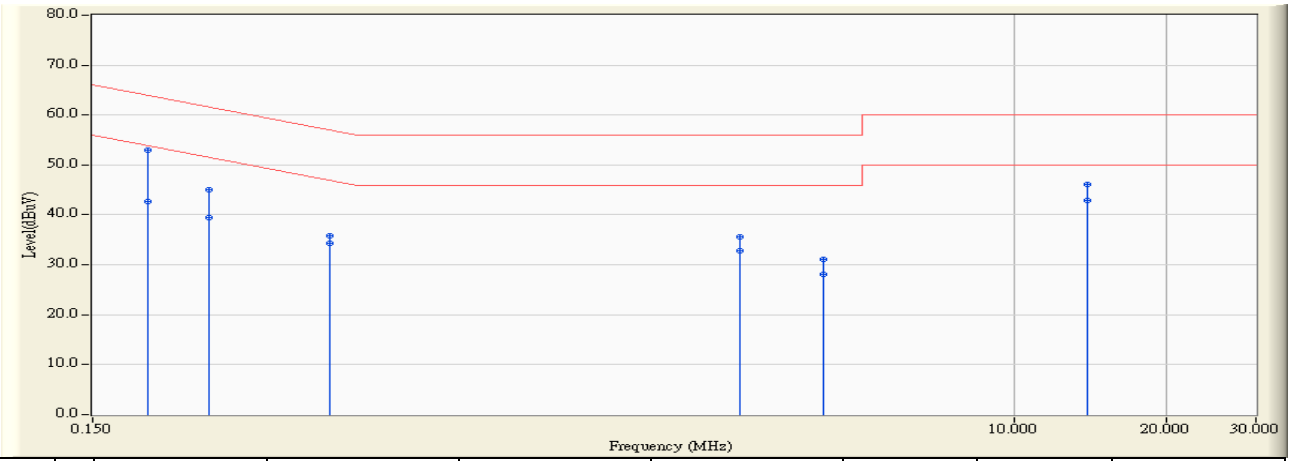


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.189	9.650	45.270	54.920	-9.158	64.078	QUASIPEAK
2	*	0.189	9.650	36.520	46.170	-7.908	54.078	AVERAGE
3		0.252	9.691	35.430	45.121	-16.585	61.705	QUASIPEAK
4		0.252	9.691	26.380	36.071	-15.635	51.705	AVERAGE
5		0.334	9.736	15.920	25.656	-33.705	59.361	QUASIPEAK
6		0.334	9.736	1.800	11.536	-37.825	49.361	AVERAGE
7		2.158	9.966	26.210	36.176	-19.824	56.000	QUASIPEAK
8		2.158	9.966	23.530	33.496	-12.504	46.000	AVERAGE
9		4.185	10.080	21.950	32.030	-23.970	56.000	QUASIPEAK
10		4.185	10.080	17.310	27.390	-18.610	46.000	AVERAGE
11		15.673	10.130	34.820	44.950	-15.050	60.000	QUASIPEAK
12		15.673	10.130	30.720	40.850	-9.150	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 : SR3	**Time : 2014/03/20 - 15:56**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-3_0813 - Line2	**Power : AC 110V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_80211n 40MHz**

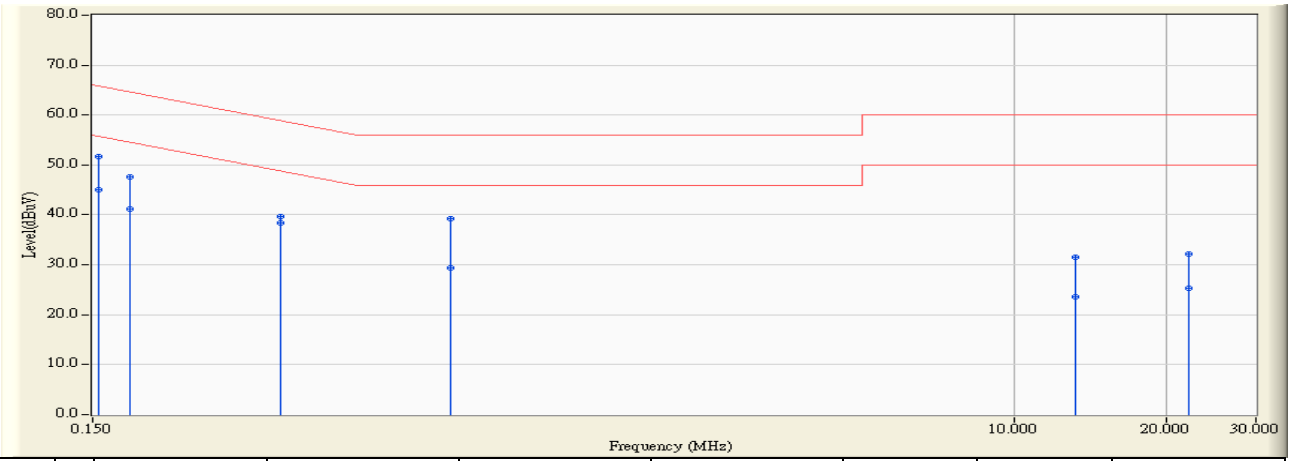


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.193	9.653	43.370	53.023	-10.885	63.908	QUASIPEAK
2		0.193	9.653	32.980	42.633	-11.275	53.908	AVERAGE
3		0.255	9.692	35.450	45.142	-16.435	61.577	QUASIPEAK
4		0.255	9.692	29.860	39.552	-12.025	51.577	AVERAGE
5		0.443	9.789	26.070	35.859	-21.147	57.006	QUASIPEAK
6		0.443	9.789	24.470	34.259	-12.747	47.006	AVERAGE
7		2.857	9.980	25.580	35.560	-20.440	56.000	QUASIPEAK
8		2.857	9.980	22.910	32.890	-13.110	46.000	AVERAGE
9		4.185	10.030	21.100	31.130	-24.870	56.000	QUASIPEAK
10		4.185	10.030	18.160	28.190	-17.810	46.000	AVERAGE
11		13.896	10.200	35.920	46.120	-13.880	60.000	QUASIPEAK
12	*	13.896	10.200	32.700	42.900	-7.100	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 : 2014/04/03 - 11:26**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line1	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_80211n 40MHz**

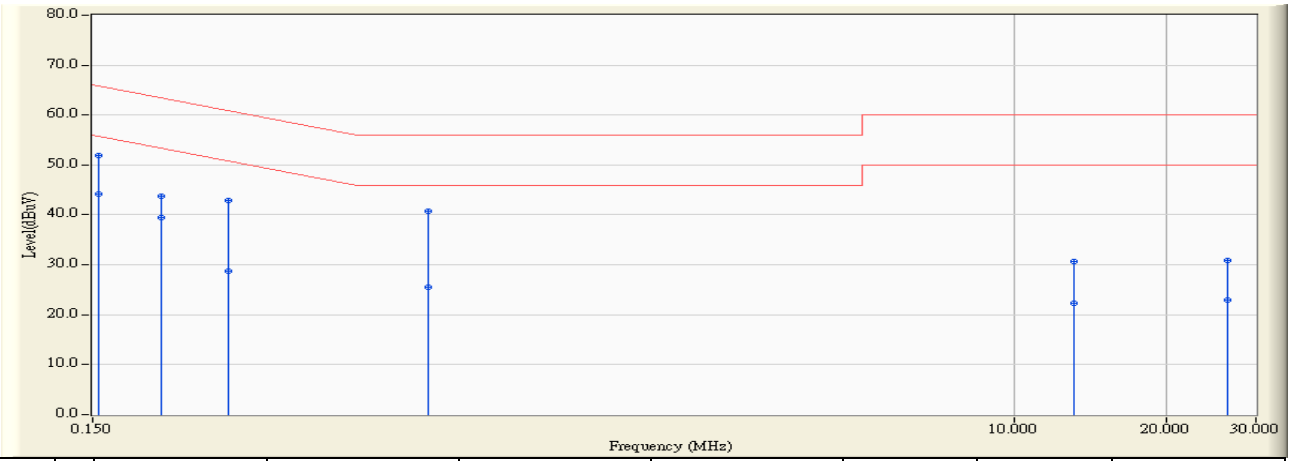


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.637	42.120	51.757	-14.030	65.786	QUASIPEAK
2		0.154	9.637	35.330	44.967	-10.820	55.786	AVERAGE
3		0.177	9.640	37.950	47.590	-17.019	64.609	QUASIPEAK
4		0.177	9.640	31.560	41.200	-13.409	54.609	AVERAGE
5		0.353	9.688	30.040	39.728	-19.161	58.889	QUASIPEAK
6	*	0.353	9.688	28.620	38.308	-10.581	48.889	AVERAGE
7		0.763	9.736	29.490	39.226	-16.774	56.000	QUASIPEAK
8		0.763	9.736	19.620	29.356	-16.644	46.000	AVERAGE
9		13.197	10.193	21.320	31.513	-28.487	60.000	QUASIPEAK
10		13.197	10.193	13.390	23.583	-26.417	50.000	AVERAGE
11		22.045	10.126	22.010	32.136	-27.864	60.000	QUASIPEAK
12		22.045	10.126	15.110	25.236	-24.764	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 : 2014/04/03 - 11:28**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-3_0822 - Line2	**Power : AC 120V / 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_80211n 40MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.622	42.220	51.842	-13.944	65.786	QUASIPEAK
2	*	0.154	9.622	34.530	44.152	-11.634	55.786	AVERAGE
3		0.205	9.635	34.080	43.715	-19.703	63.418	QUASIPEAK
4		0.205	9.635	29.890	39.525	-13.893	53.418	AVERAGE
5		0.279	9.653	33.340	42.993	-17.856	60.848	QUASIPEAK
6		0.279	9.653	19.080	28.733	-22.116	50.848	AVERAGE
7		0.693	9.715	31.080	40.795	-15.205	56.000	QUASIPEAK
8		0.693	9.715	15.710	25.425	-20.575	46.000	AVERAGE
9		13.130	10.231	20.420	30.650	-29.350	60.000	QUASIPEAK
10		13.130	10.231	12.090	22.320	-27.680	50.000	AVERAGE
11		26.427	10.399	20.430	30.829	-29.171	60.000	QUASIPEAK
12		26.427	10.399	12.650	23.049	-26.951	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

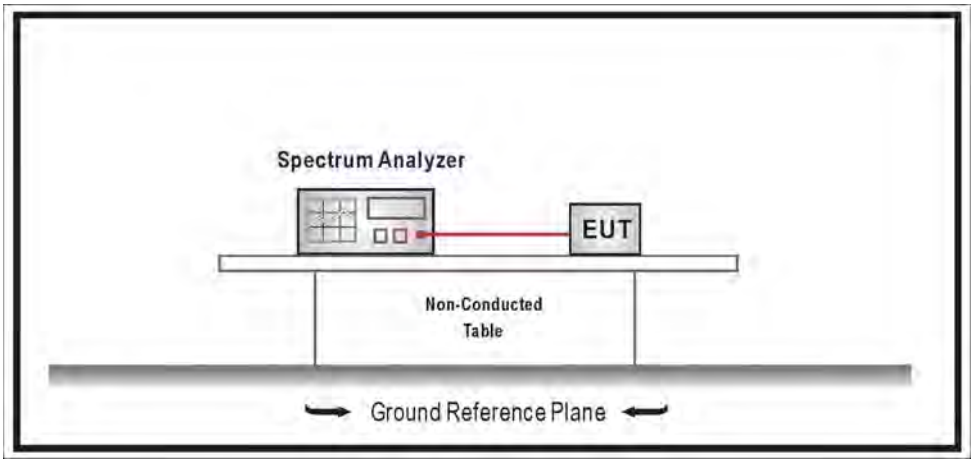
The following test equipments are used during the test:

Peak Power Output/ SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2014/08/05

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 section 9.1.2 of KDB558074 v03r01 measurement to FCC 47CFR 15.247 requirements. Set the RBW=1MHz, Set the VBW≧ 3xRBW, Sweep Time=Auto, Set Peak Detector.

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: 2013

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

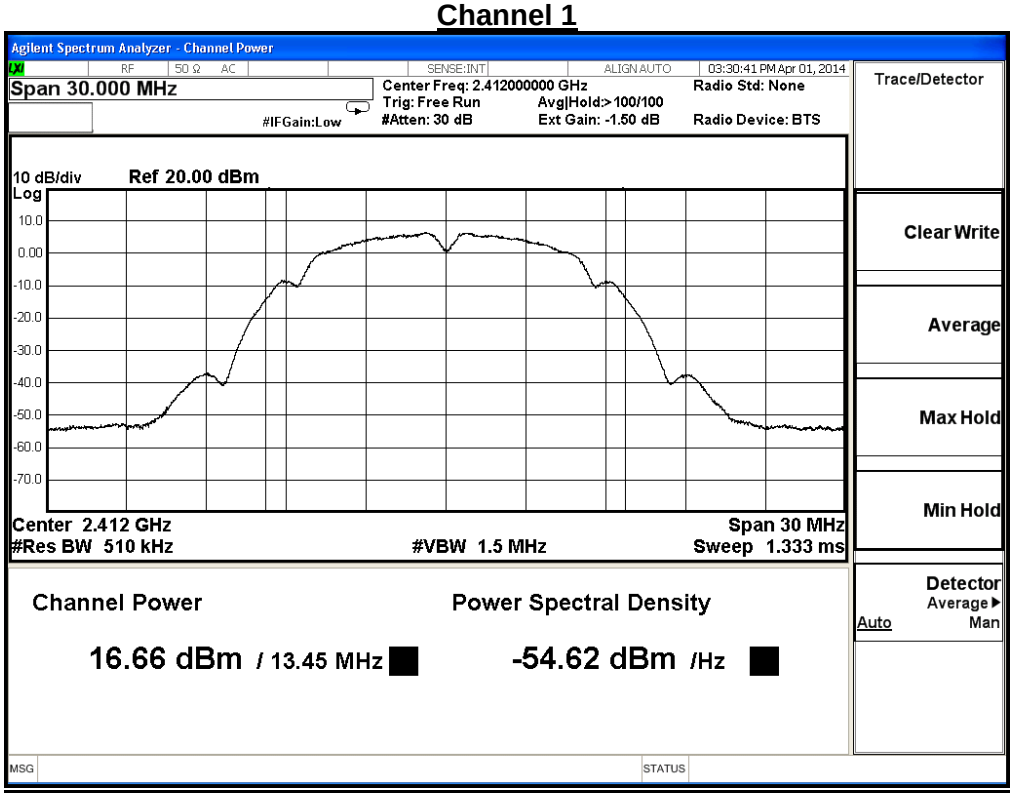
IEEE 802.11b (ANT 0), power index : ch1:68 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.66	≦30	Pass
6	2437	23.03	≦30	Pass
11	2462	16.45	≦30	Pass

Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	16.66	--	--	--	1 Watt=30dBm
6	2437	23.03	22.79	22.59	22.37	1 Watt=30dBm
11	2462	16.45	--	--	--	1 Watt=30dBm

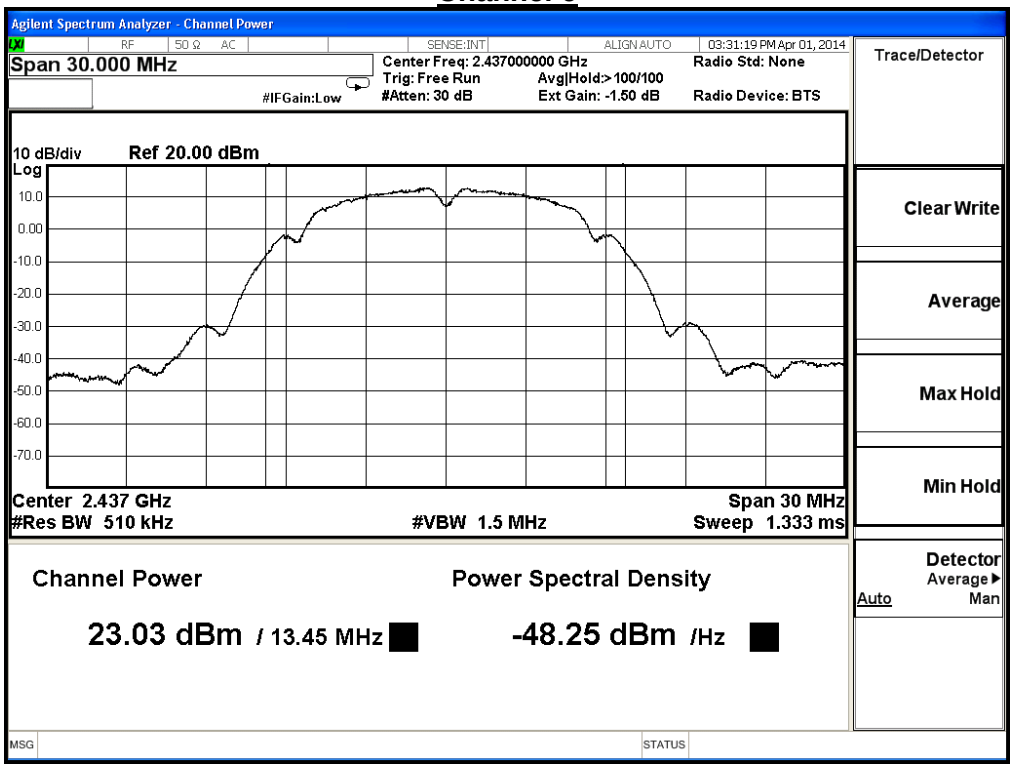
The worst emission of data rate is 1Mbps.

Note: Measure Level =Reading value + cable loss

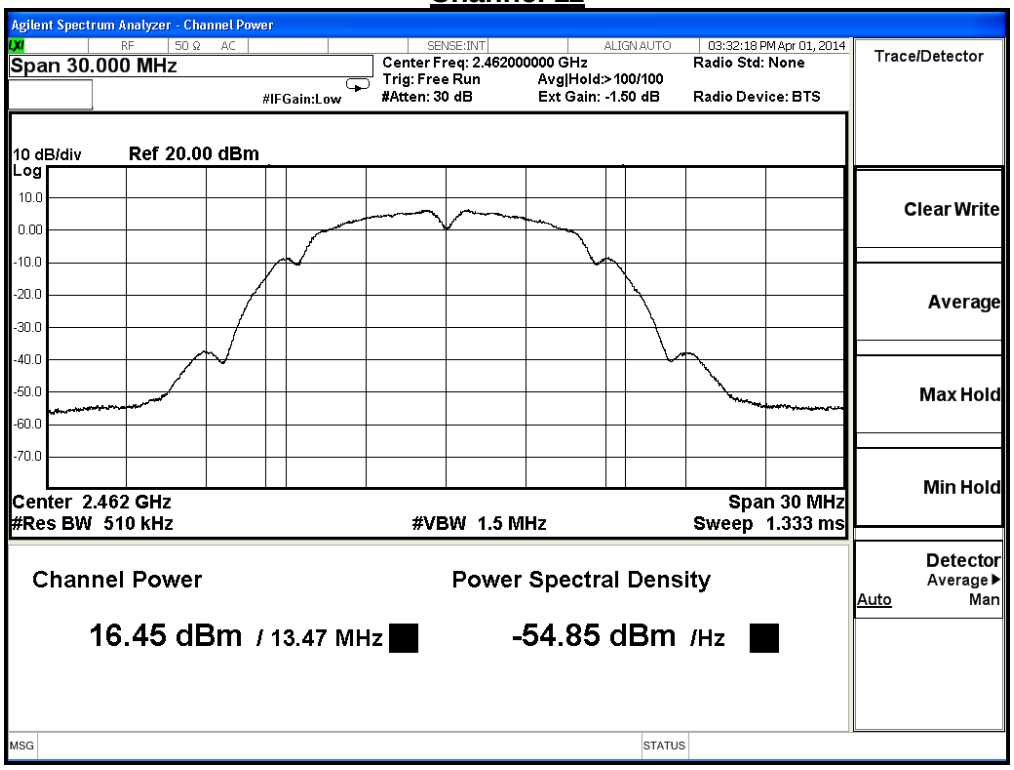
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

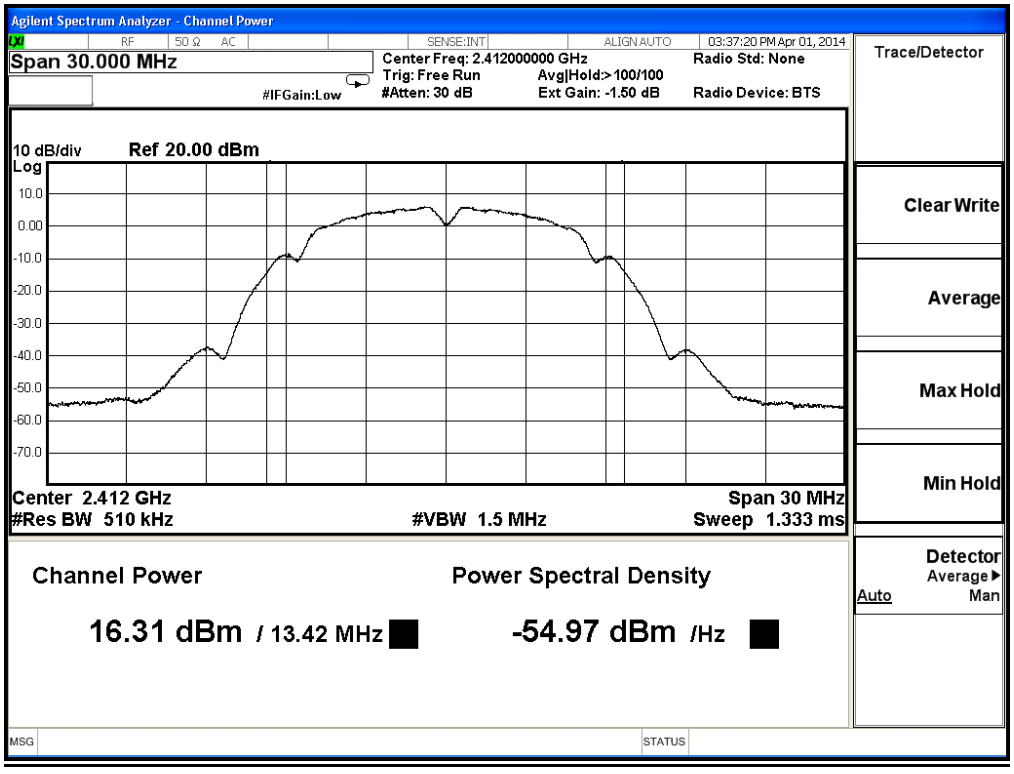
IEEE 802.11b (ANT 1) , power index : ch1:68 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.31	≦30	Pass
6	2437	22.71	≦30	Pass
11	2462	16.24	≦30	Pass

The worst emission of data rate is 1Mbps.

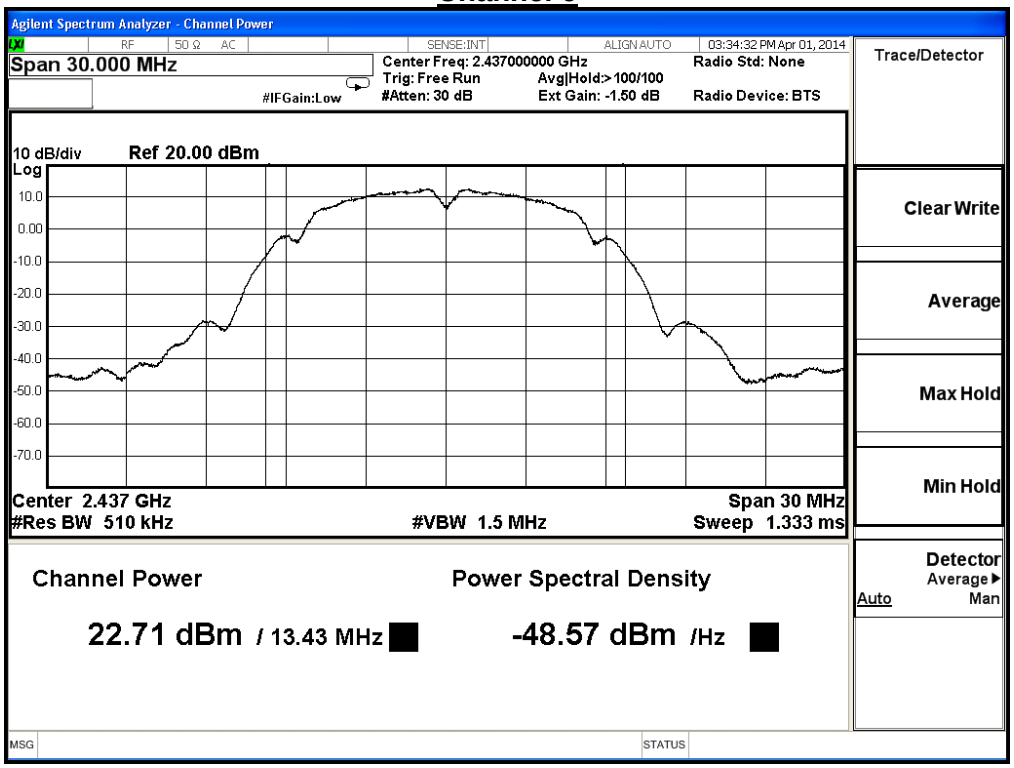
Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	16.31	--	--	--	1 Watt=30dBm
6	2437	22.71	22.61	22.37	22.17	1 Watt=30dBm
11	2462	16.24	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

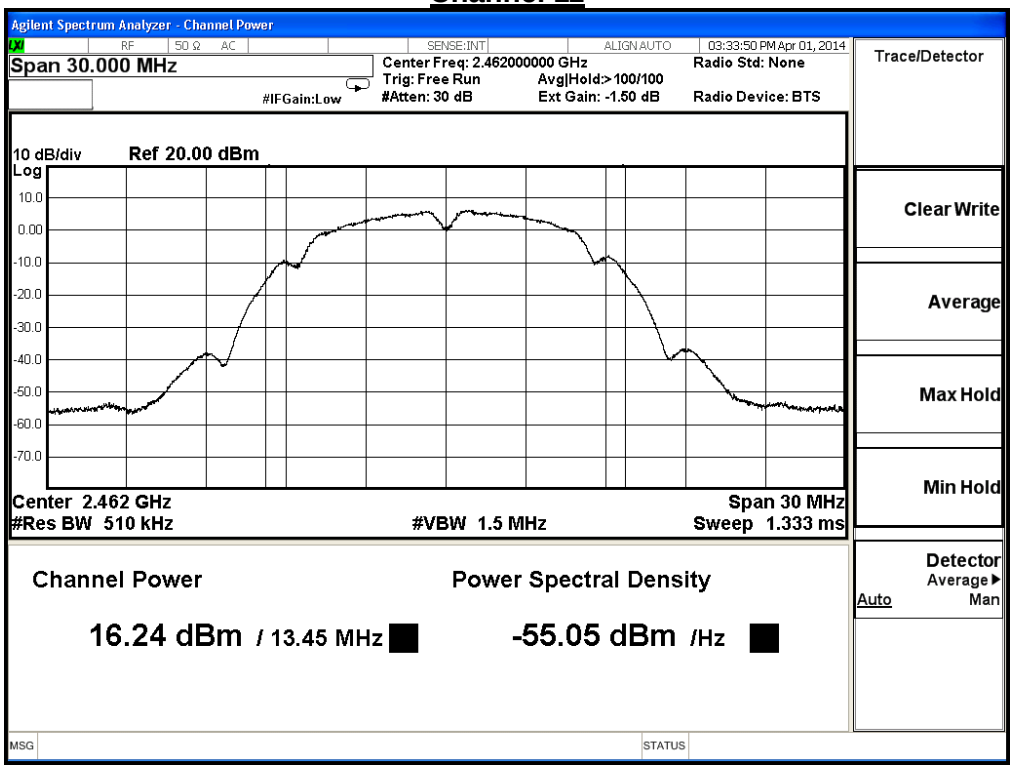
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

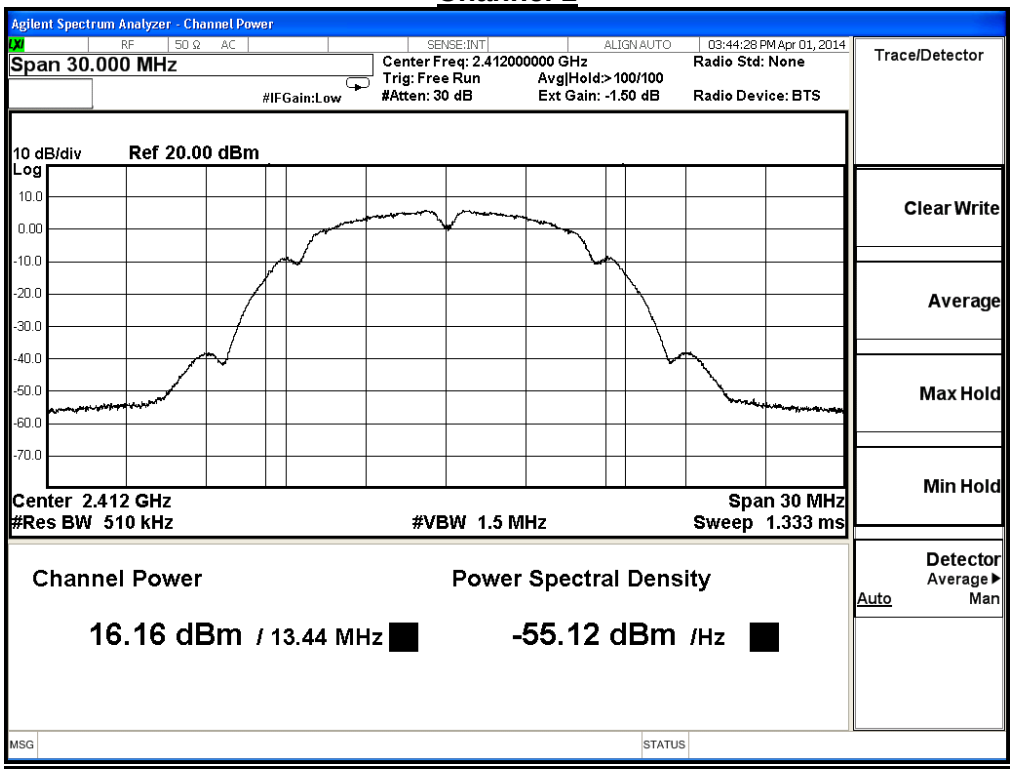
IEEE 802.11b (ANT 2) , power index : ch1:68 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.16	≦30	Pass
6	2437	22.94	≦30	Pass
11	2462	15.85	≦30	Pass

The worst emission of data rate is 1Mbps.

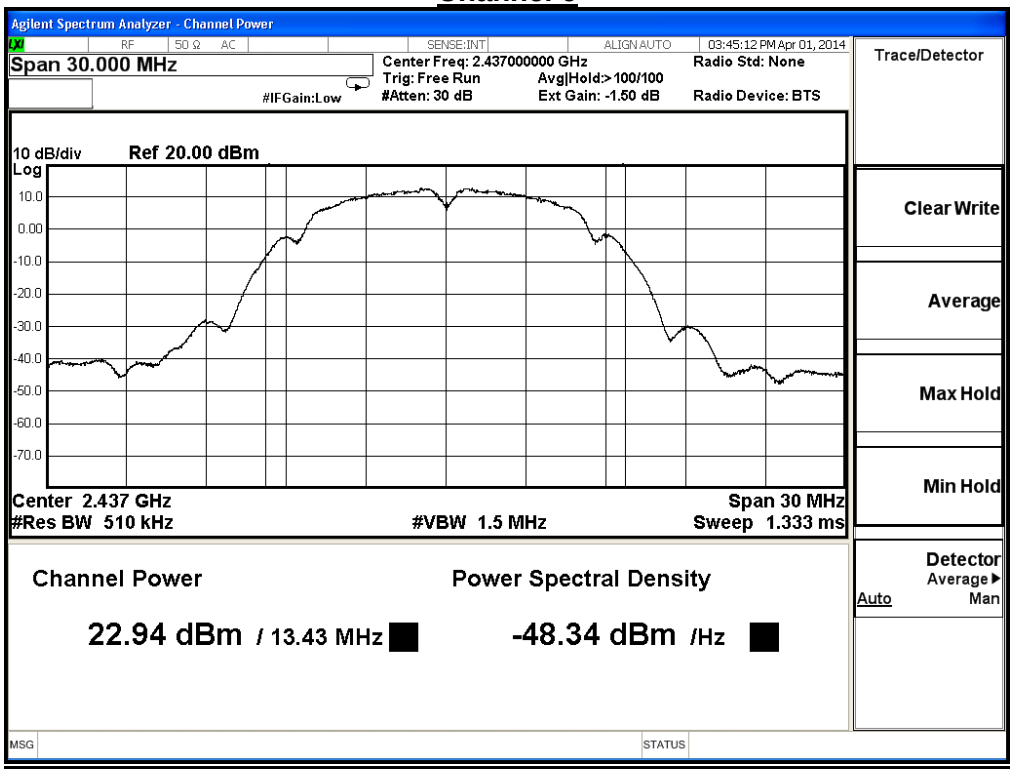
Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	16.16	--	--	--	1 Watt=30dBm
6	2437	22.94	22.84	22.58	22.38	1 Watt=30dBm
11	2462	15.85	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

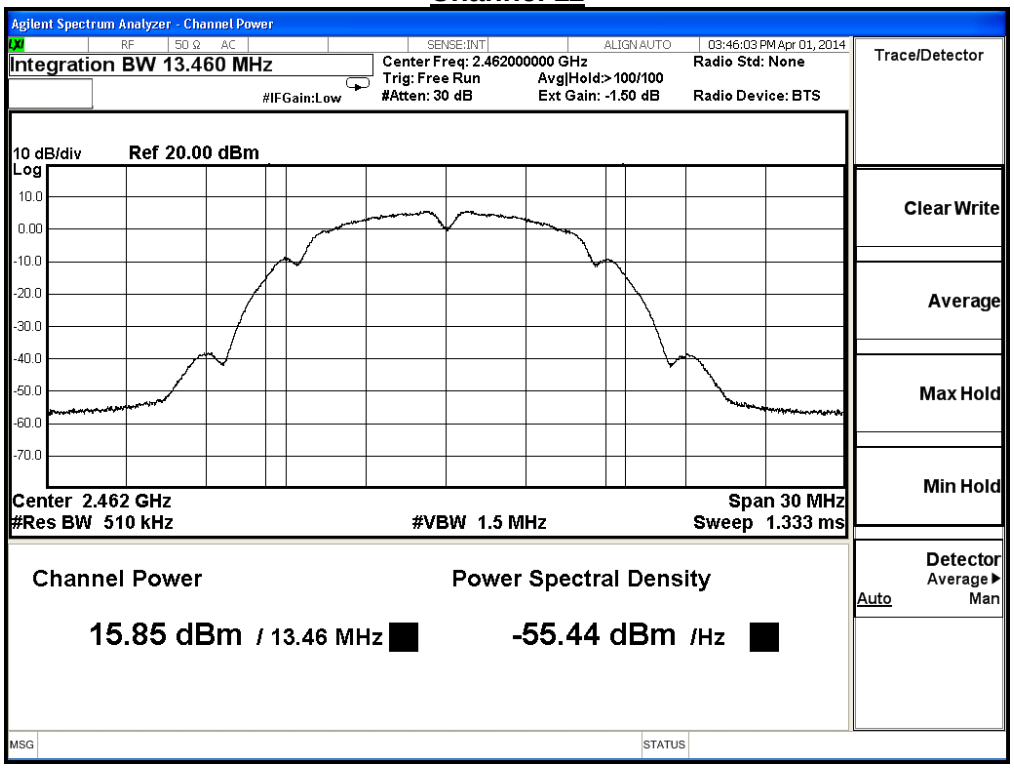
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11b (ANT 0+1+2) , power index : ch1:68 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.15	≦30	Pass
6	2437	27.67	≦30	Pass
11	2462	20.96	≦30	Pass

Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	21.15	--	--	--	1 Watt=30dBm
6	2437	27.67	27.52	27.29	27.08	1 Watt=30dBm
11	2462	20.96	--	--	--	1 Watt=30dBm

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

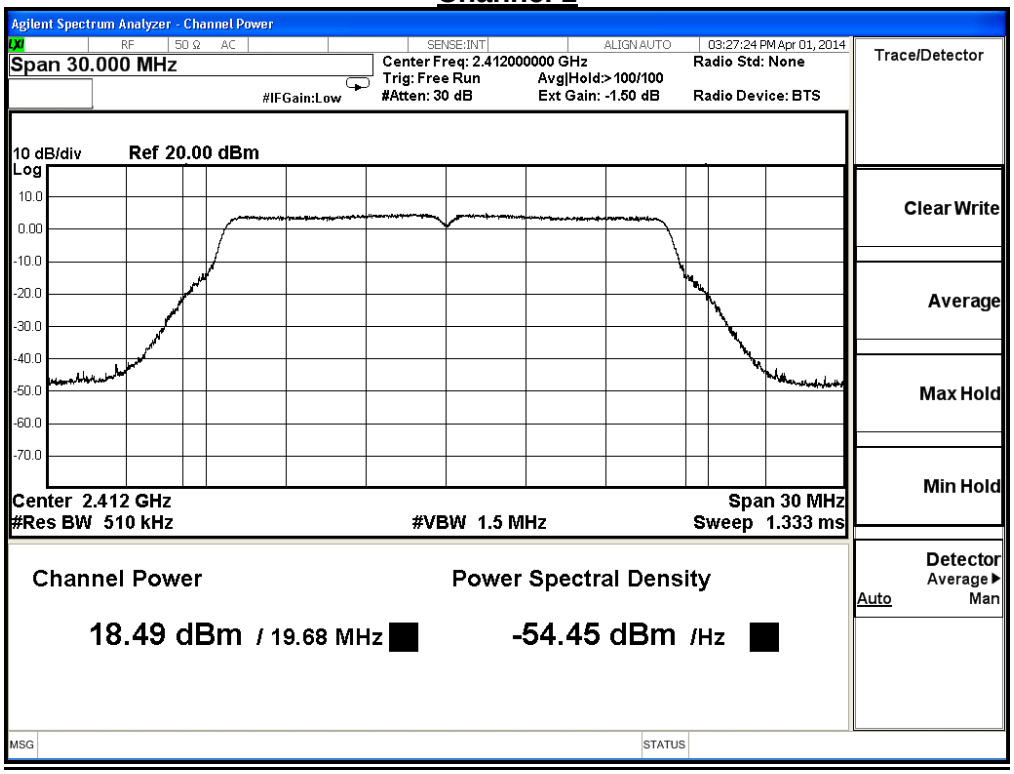
IEEE 802.11g (ANT 0) , power index : ch1:74 , ch6:100 , ch11:76				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.49	≦30	Pass
6	2437	24.56	≦30	Pass
11	2462	19.26	≦30	Pass

The worst emission of data rate is 6Mbps.

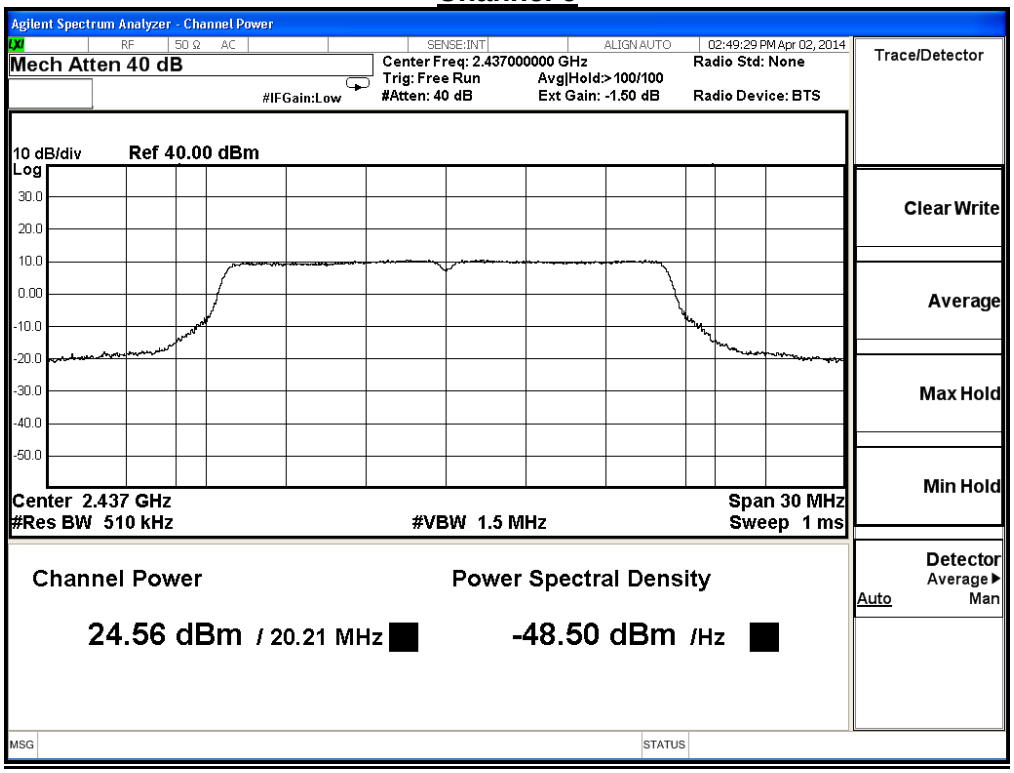
Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.49	--	--	--	--	--	--	1 Watt=30dBm
6	2437	24.56	24.32	24.22	24.00	23.74	23.50	23.26	1 Watt=30dBm
11	2462	19.26	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

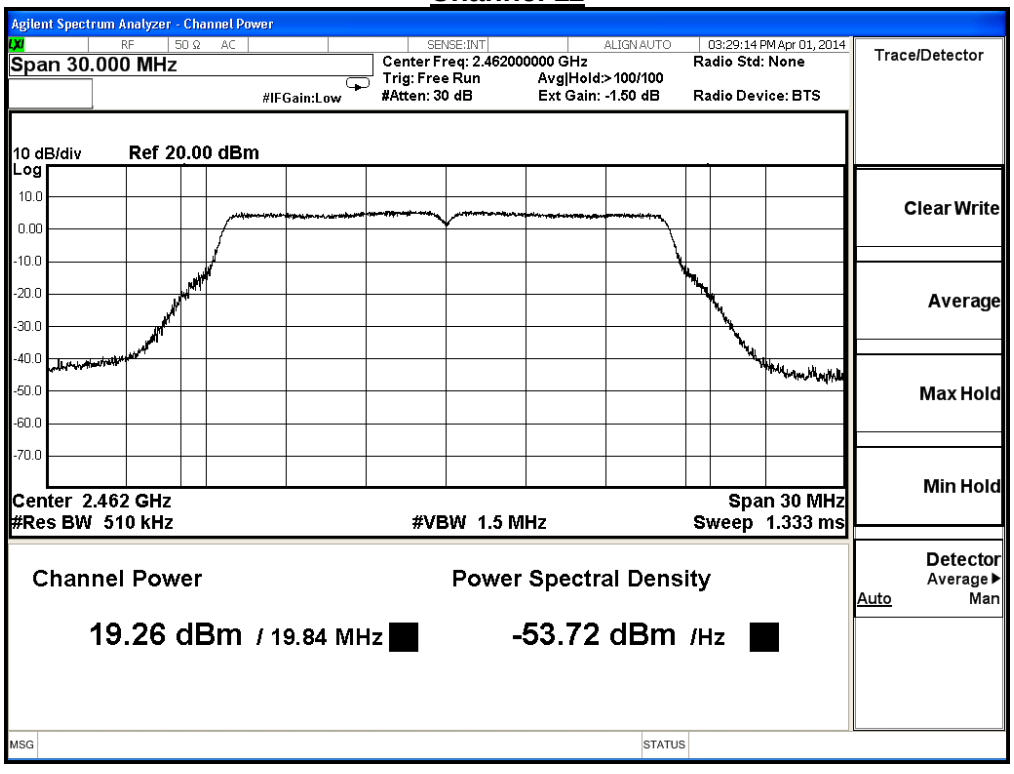
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

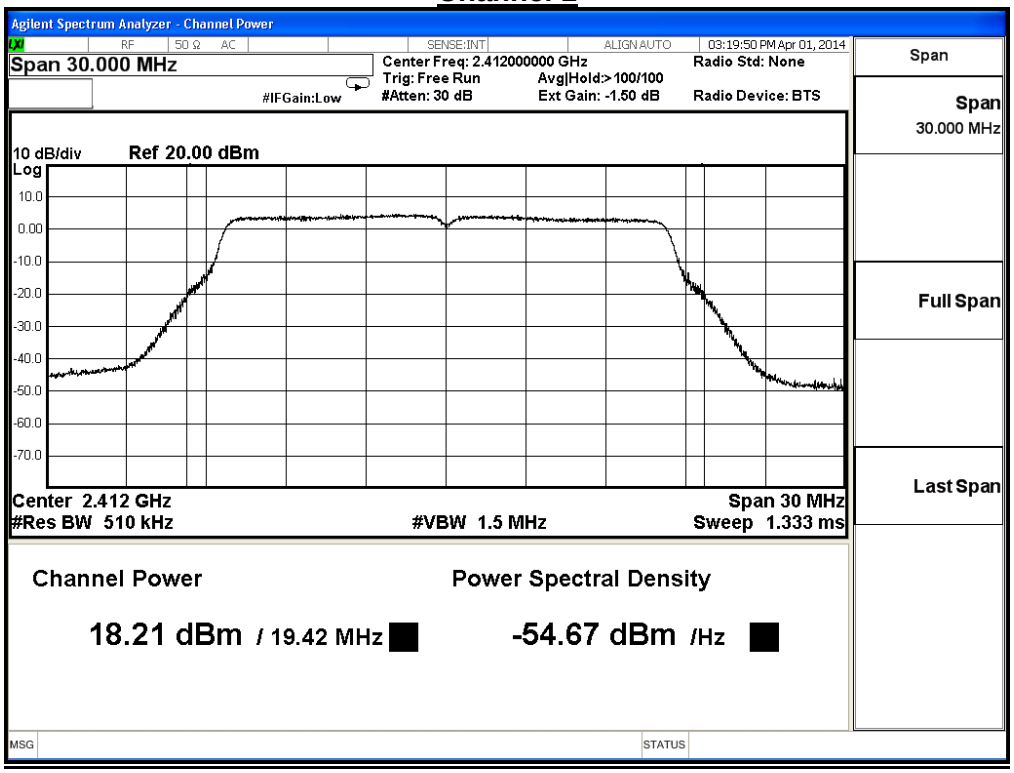
IEEE 802.11g (ANT 1) , power index : ch1:74 , ch6:100 , ch11:76				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.21	≦30	Pass
6	2437	24.20	≦30	Pass
11	2462	18.71	≦30	Pass

The worst emission of data rate is 6Mbps.

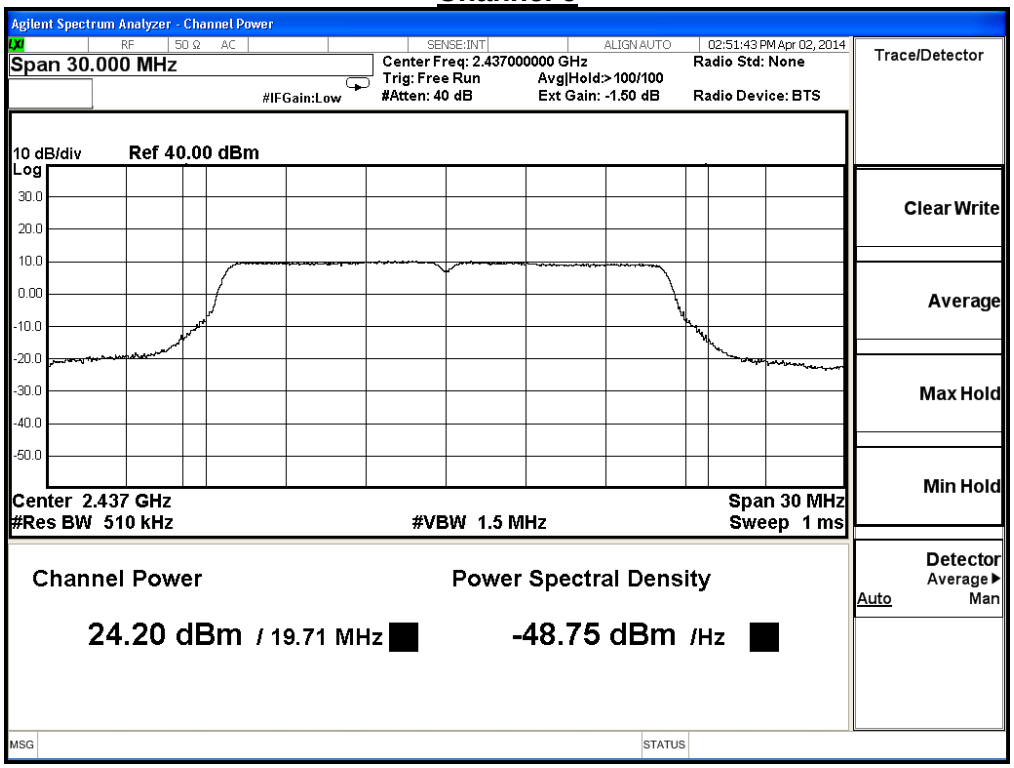
Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.21	--	--	--	--	--	--	1 Watt=30dBm
6	2437	24.20	24.10	23.98	23.88	23.64	23.52	23.40	1 Watt=30dBm
11	2462	18.71	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

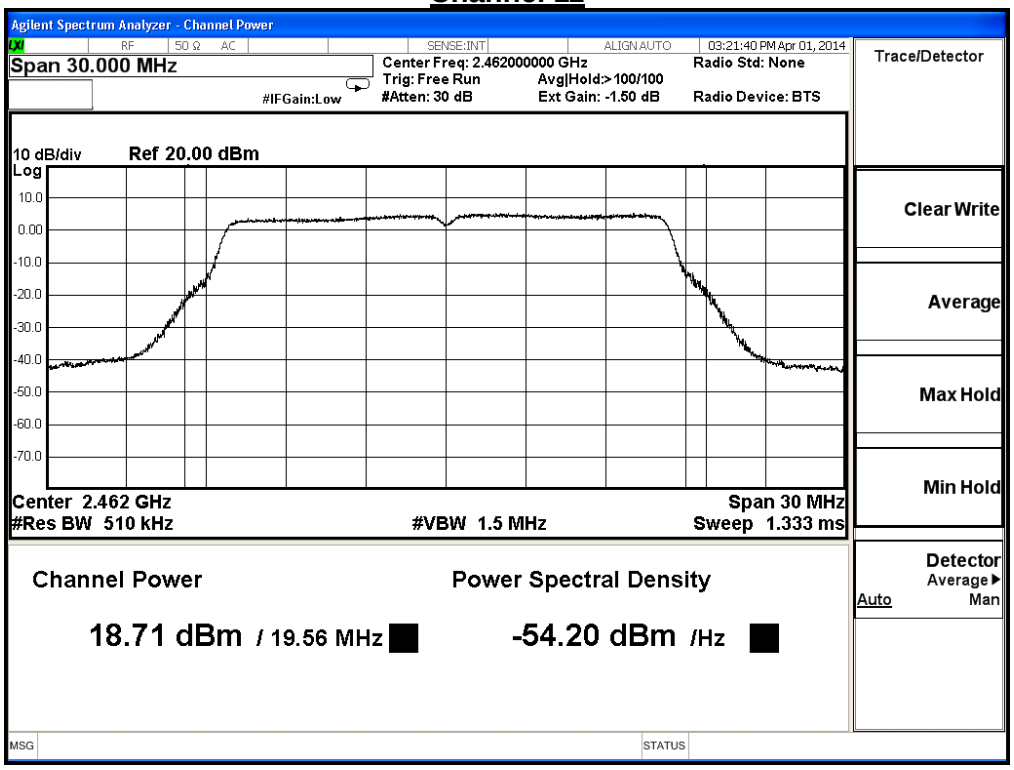
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

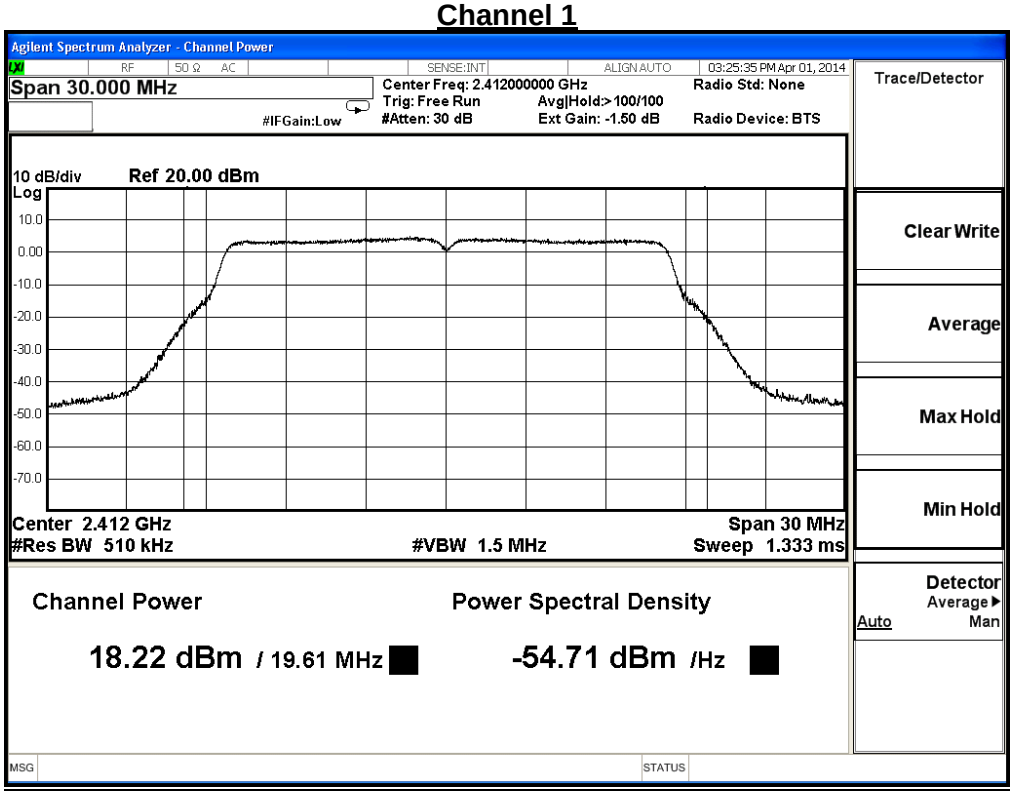
IEEE 802.11g (ANT 2) , power index : ch1:74 , ch6:100 , ch11:76				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.22	≦30	Pass
6	2437	24.44	≦30	Pass
11	2462	18.83	≦30	Pass

The worst emission of data rate is 6Mbps.

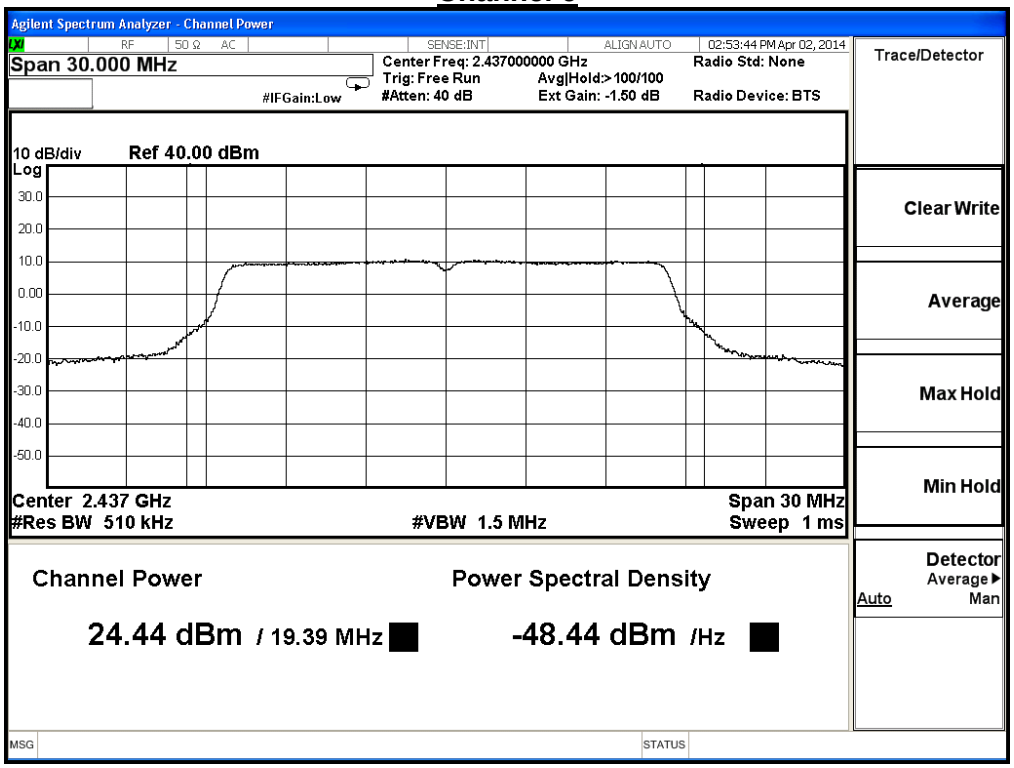
Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.22	--	--	--	--	--	--	1 Watt=30dBm
6	2437	24.44	24.34	24.08	23.88	23.75	23.63	23.39	1 Watt=30dBm
11	2462	18.83	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

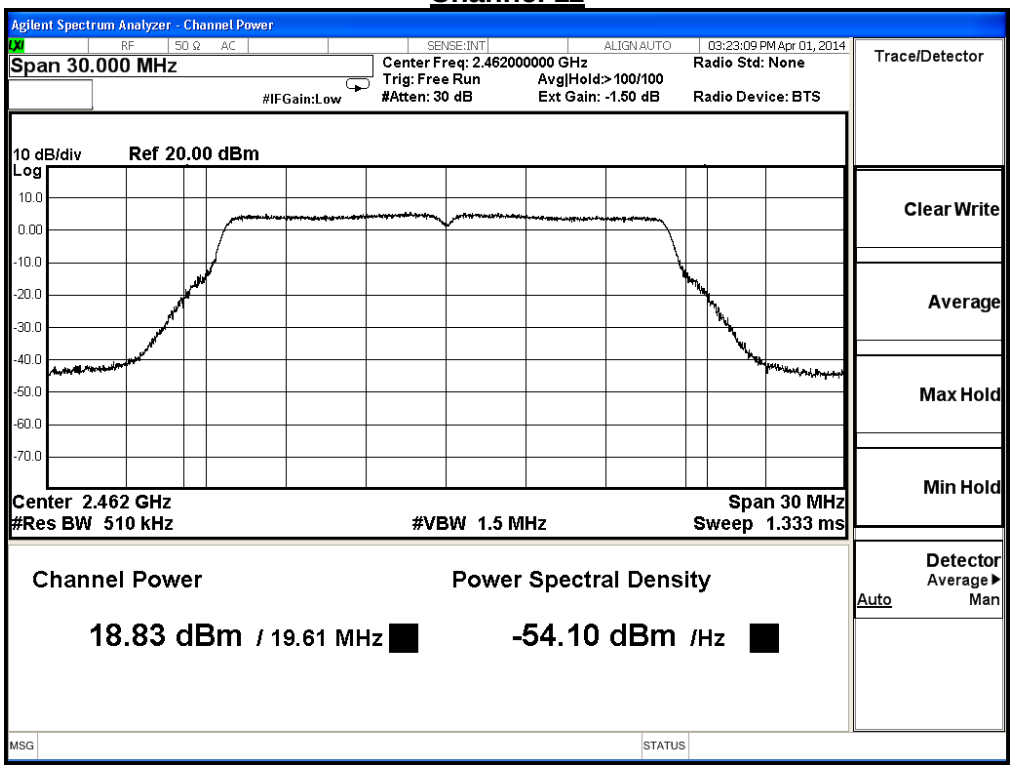
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11g (ANT 0+1+2) , power index : ch1:74 , ch6:100 , ch11:76				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.08	≦30	Pass
6	2437	29.17	≦30	Pass
11	2462	23.71	≦30	Pass

Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	23.08	--	--	--	--	--	--	1 Watt=30dBm
6	2437	29.17	29.03	28.87	28.69	28.48	28.32	28.12	1 Watt=30dBm
11	2462	23.71	--	--	--	--	--	--	1 Watt=30dBm

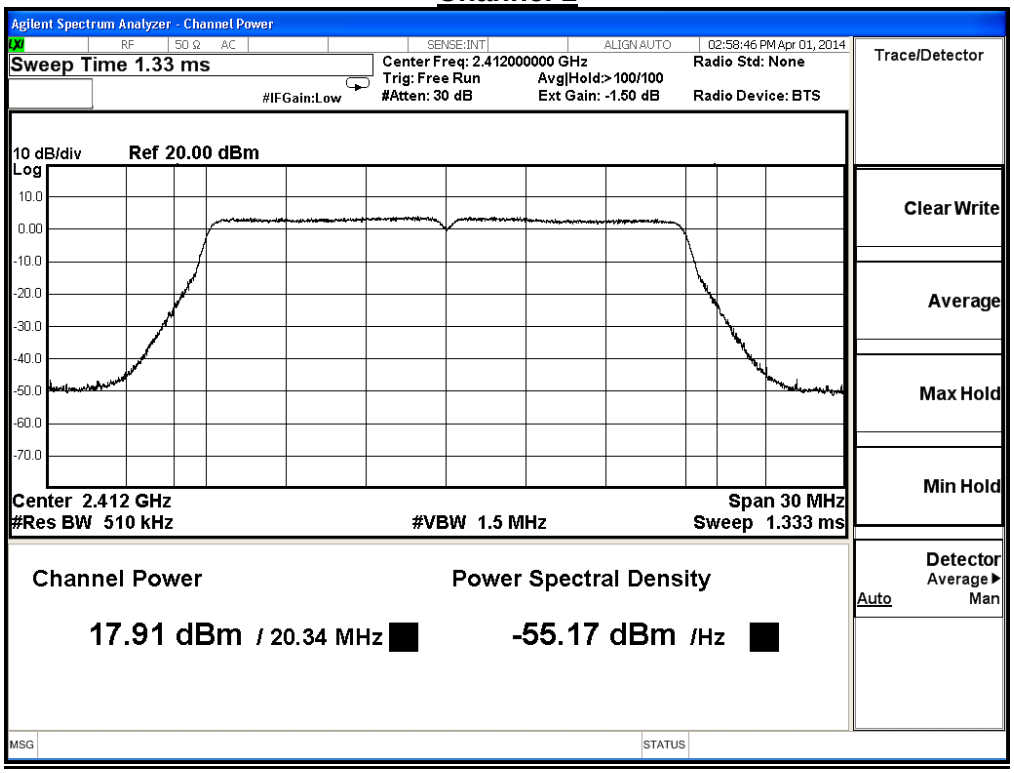
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0) , power index : ch1:72 , ch6:95 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.91	≦30	Pass
6	2437	23.41	≦30	Pass
11	2462	17.54	≦30	Pass

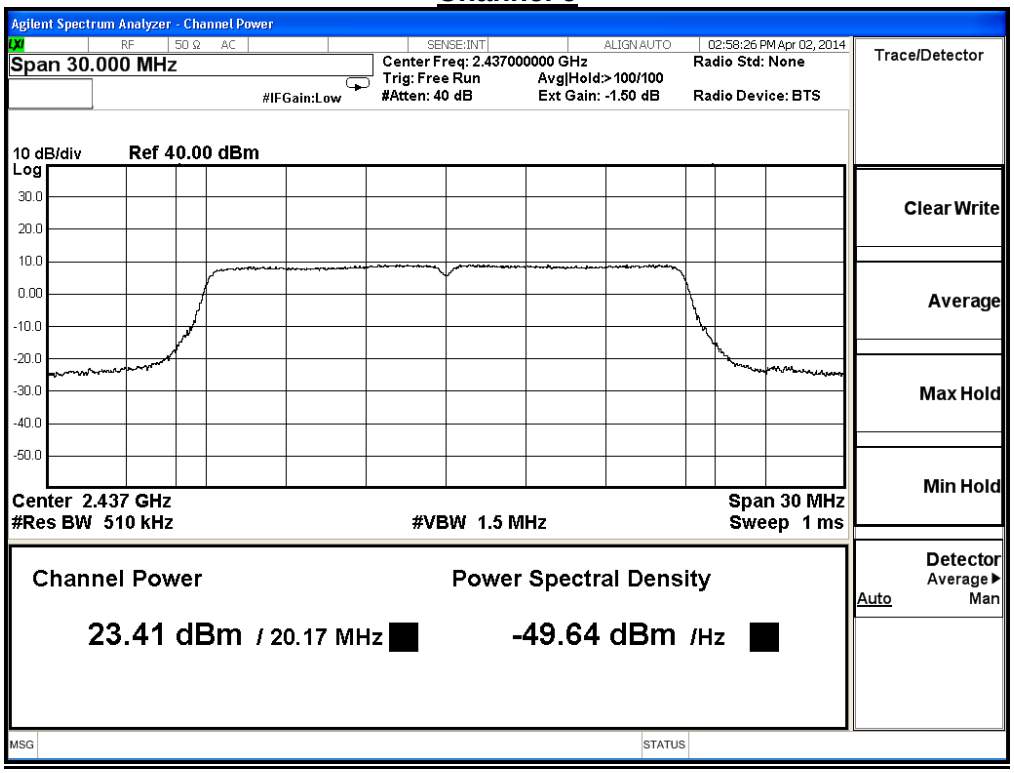
The worst emission of data rate is 6.5 Mbps.

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	17.91	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	23.41	23.29	23.09	22.87	22.74	22.62	22.38	22.16	1Watt=30dBm
11	2462	17.54	--	--	--	--	--	--	--	1Watt=30dBm

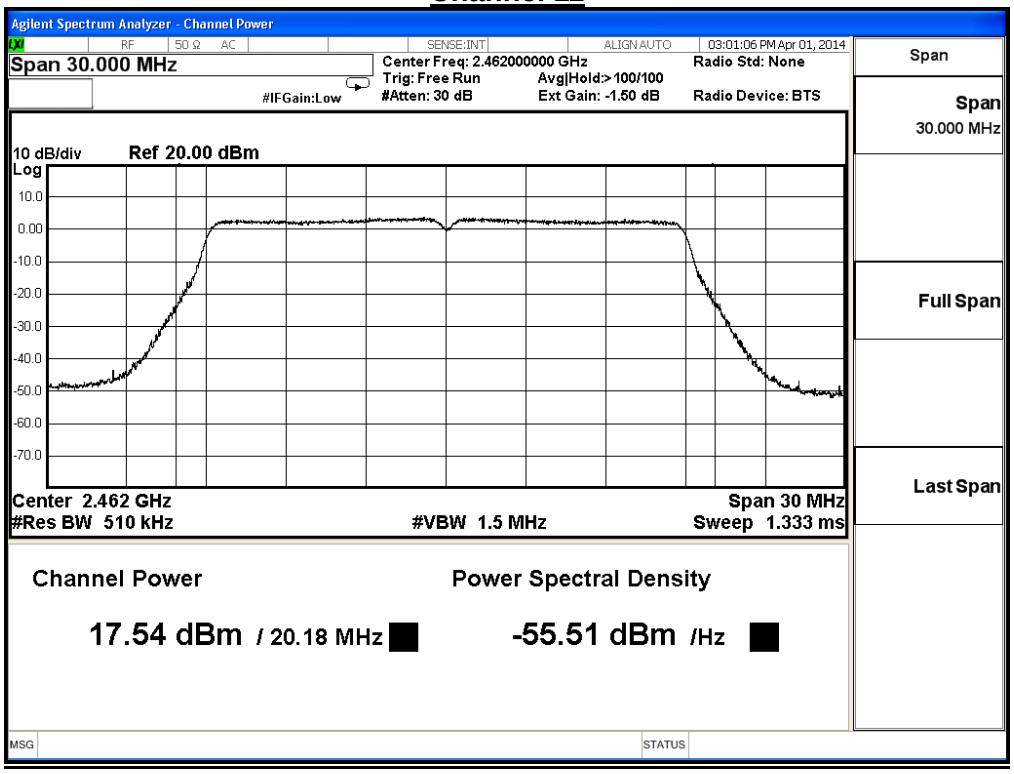
Channel 1



Channel 6



Channel 11



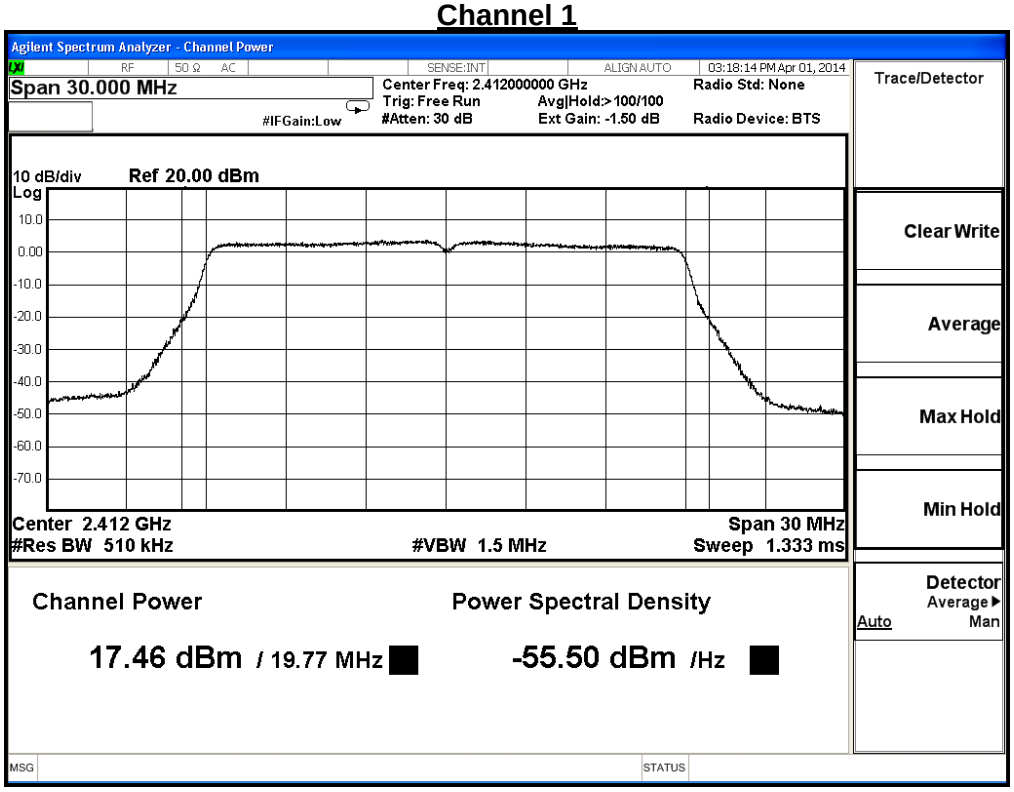
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1) , power index : ch1:72 , ch6:95 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.46	≦30	Pass
6	2437	23.11	≦30	Pass
11	2462	17.20	≦30	Pass

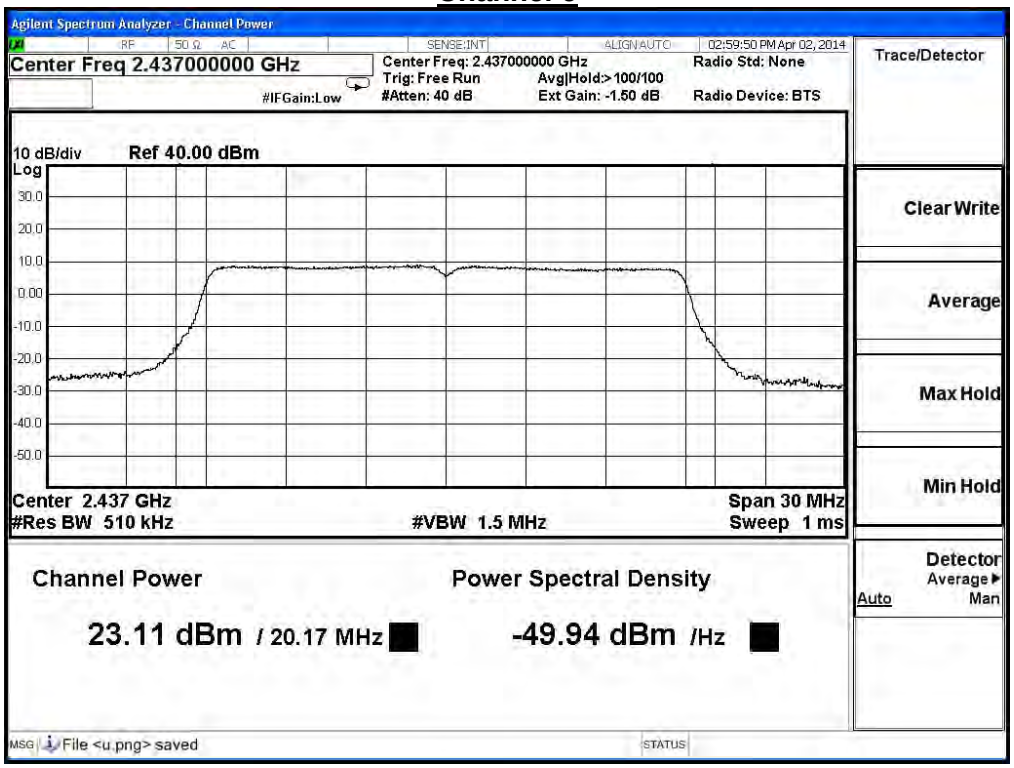
The worst emission of data rate is 6.5 Mbps.

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	17.46	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	23.11	22.91	22.79	22.69	22.57	22.33	22.21	21.95	1Watt=30dBm
11	2462	17.20	--	--	--	--	--	--	--	1Watt=30dBm

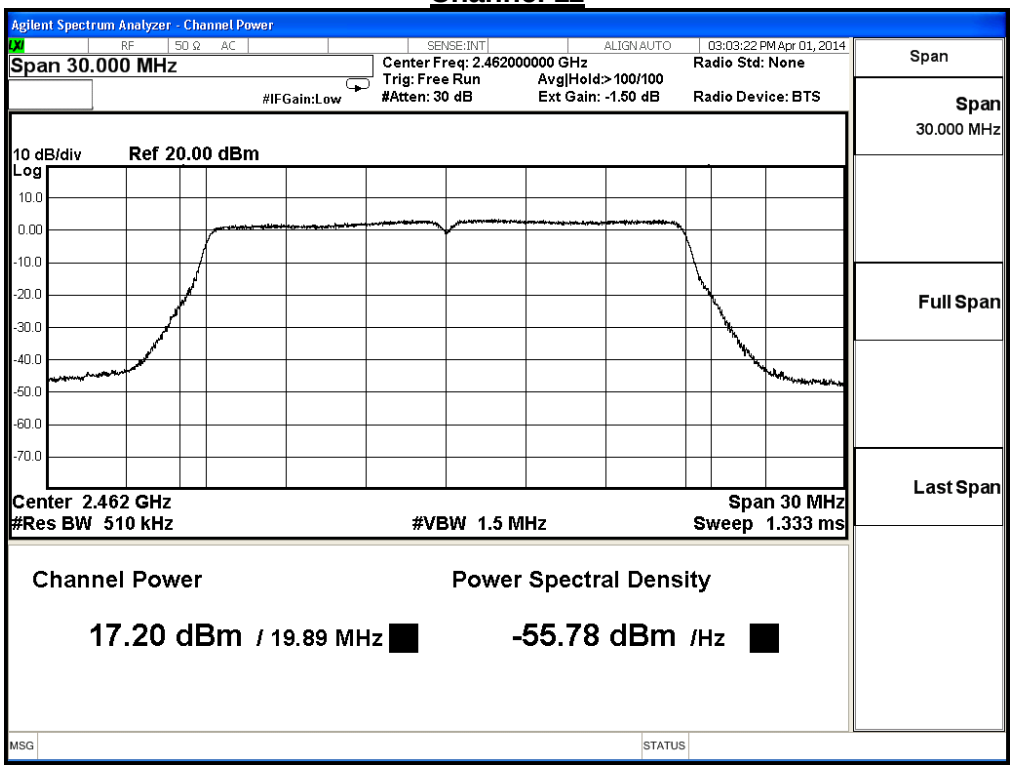
Channel 1



Channel 6



Channel 11



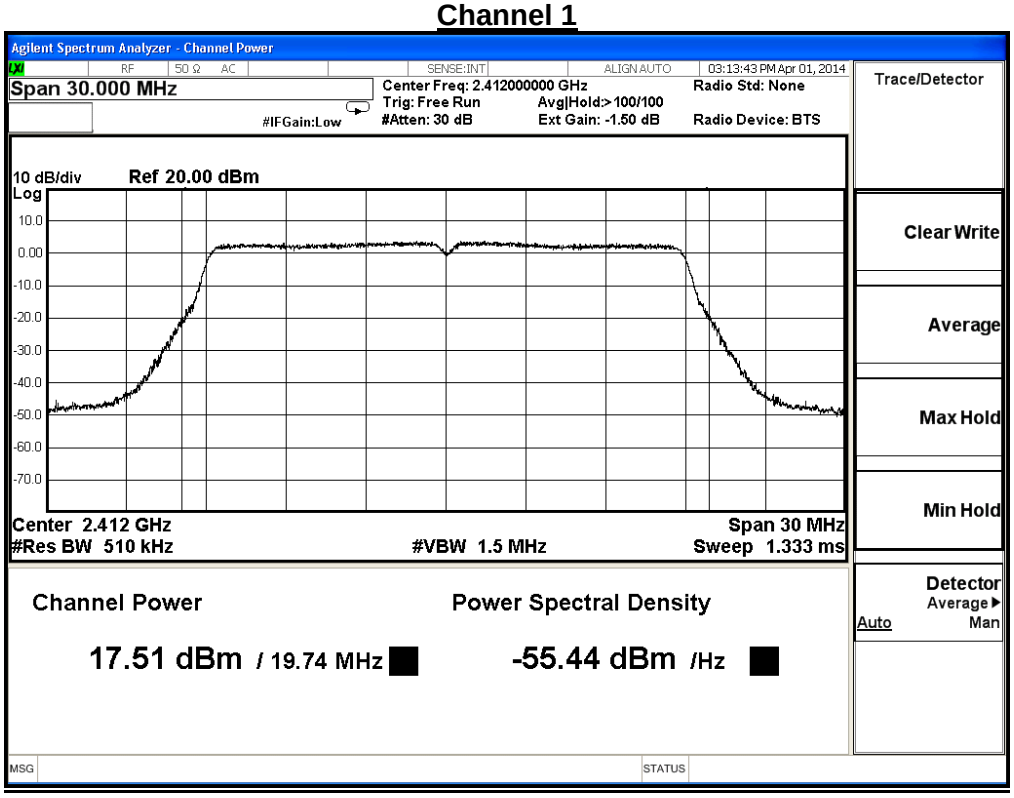
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2) , power index : ch1:72 , ch6:95 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.51	≦30	Pass
6	2437	23.22	≦30	Pass
11	2462	17.06	≦30	Pass

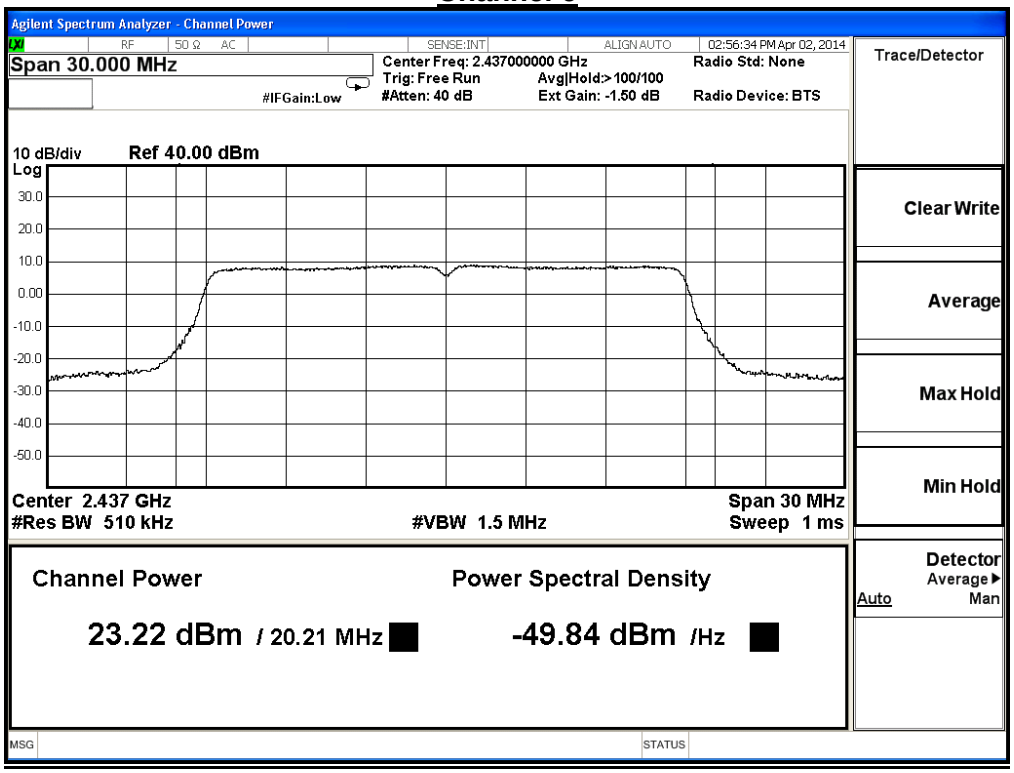
The worst emission of data rate is 6.5 Mbps.

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	17.51	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	23.22	23.12	22.99	22.79	22.53	22.29	22.05	21.81	1Watt=30dBm
11	2462	17.06	--	--	--	--	--	--	--	1Watt=30dBm

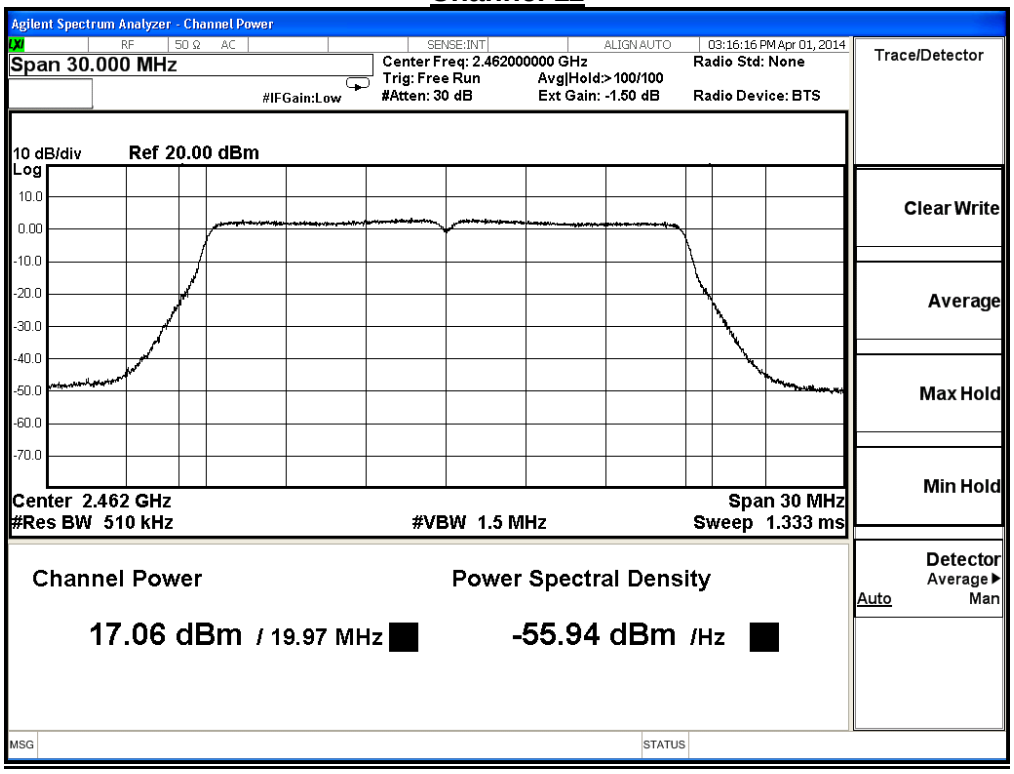
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2) , power index : ch1:72 , ch6:95 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	22.40	≦30	Pass
6	2437	28.02	≦30	Pass
11	2462	22.04	≦30	Pass

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	22.40	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	28.02	27.88	27.73	27.56	27.39	27.19	26.99	26.75	1Watt=30dBm
11	2462	22.04	--	--	--	--	--	--	--	1Watt=30dBm

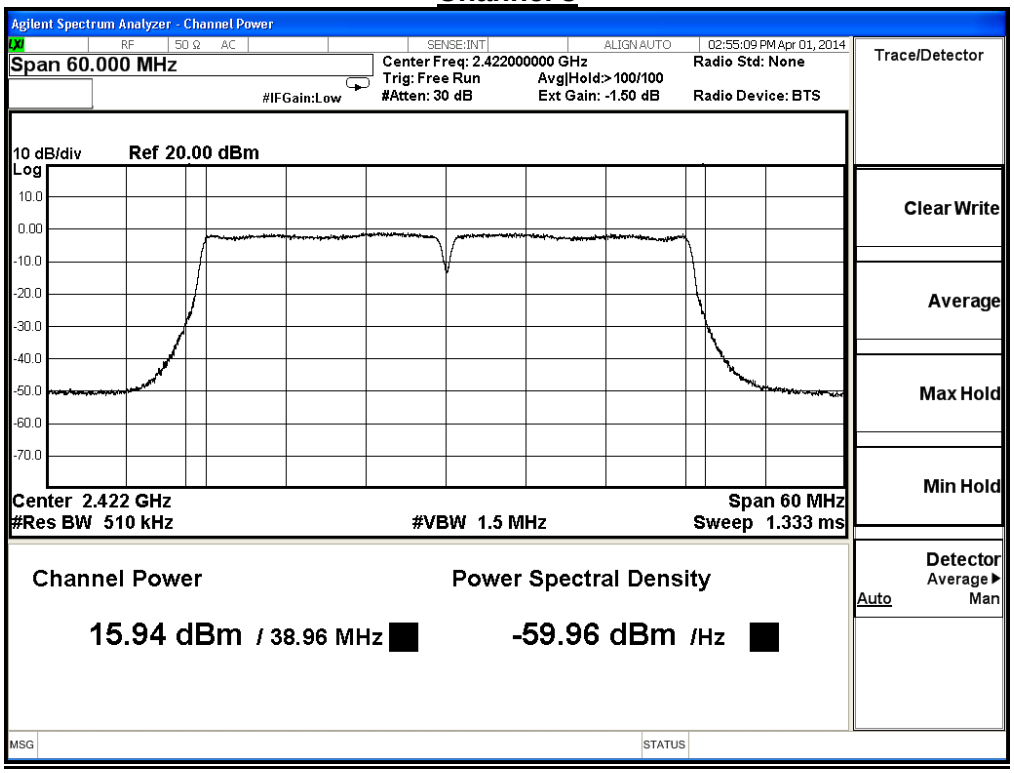
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE802.11n 40MHz(ANT 0) , power index : ch3:70 , ch6:82 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	15.94	≦30	Pass
6	2437	18.89	≦30	Pass
9	2452	16.82	≦30	Pass

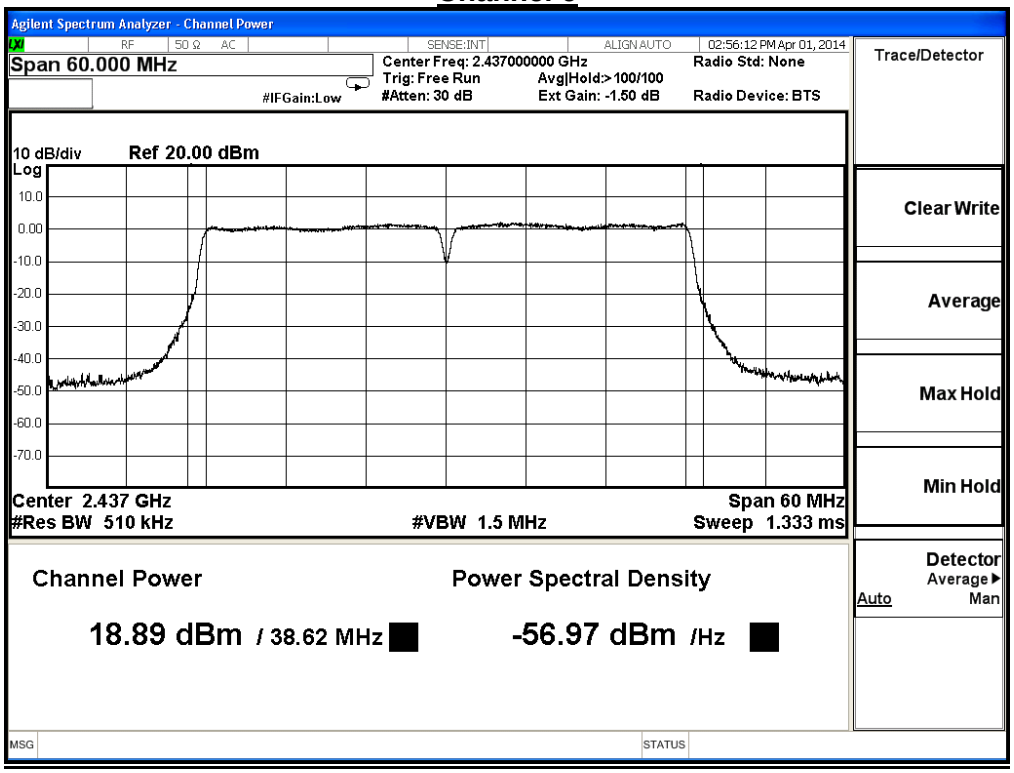
The worst emission of data rate is 13.5Mbps

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	15.94	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	18.89	18.69	18.47	18.37	18.27	18.03	17.77	17.65	1Watt=30dBm
9	2452	16.82	--	--	--	--	--	--	--	1Watt=30dBm

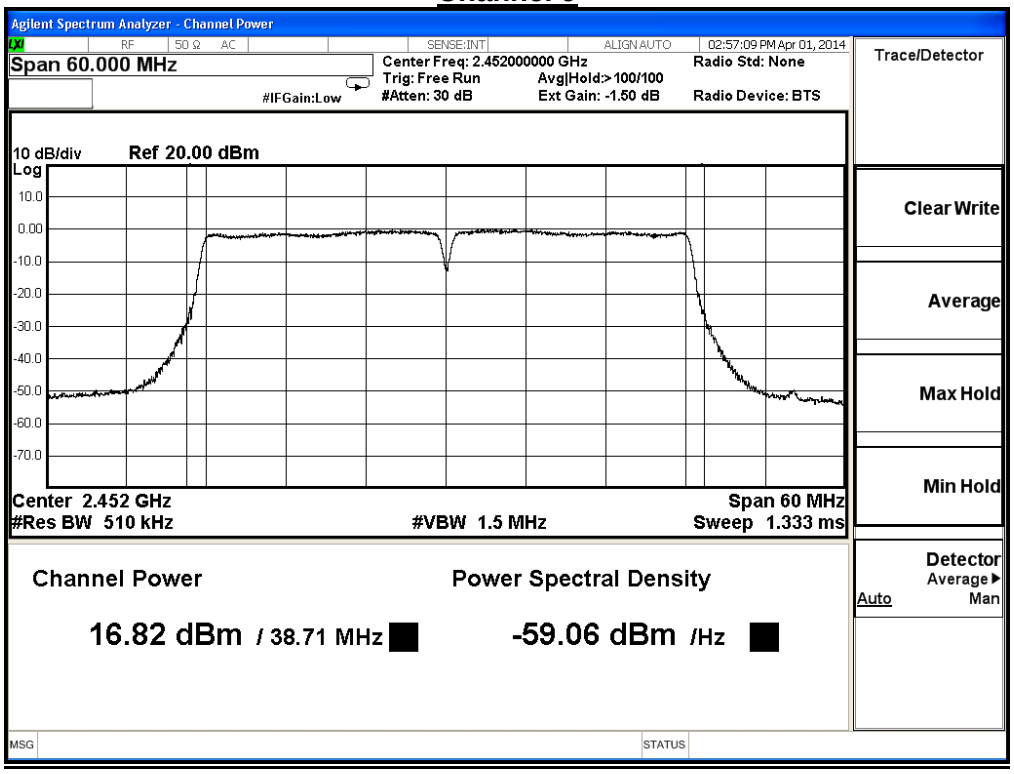
Channel 3



Channel 6



Channel 9



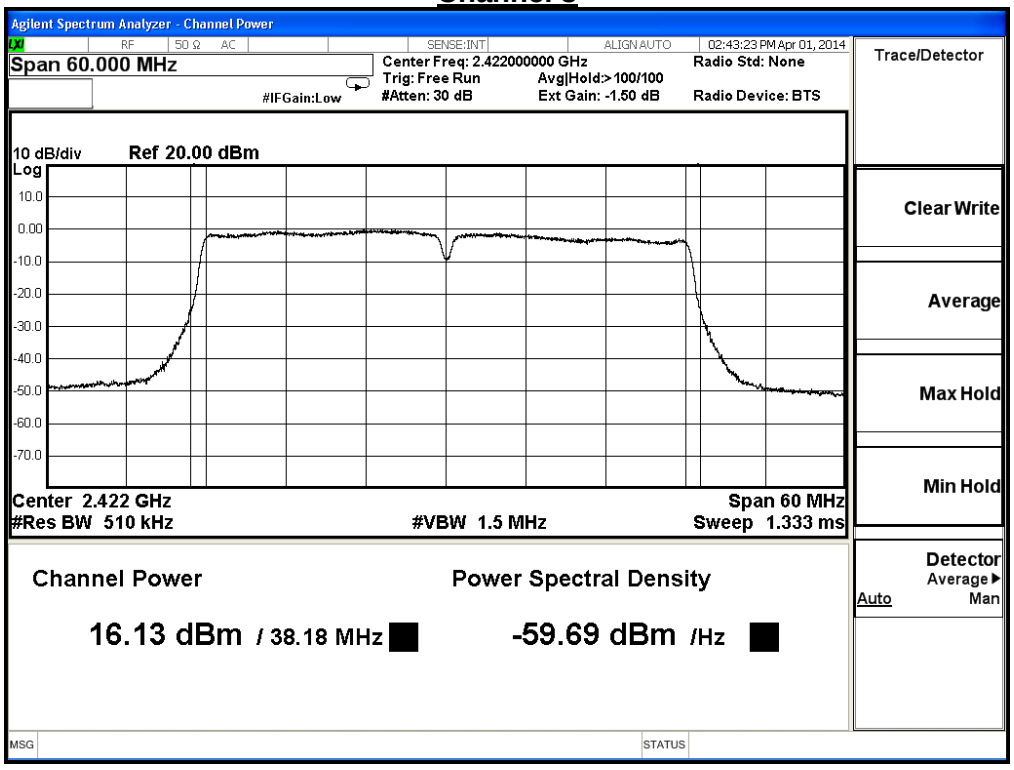
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE802.11n 40MHz(ANT 1) , power index : ch3:70 , ch6:82 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.13	≦30	Pass
6	2437	18.80	≦30	Pass
9	2452	16.54	≦30	Pass

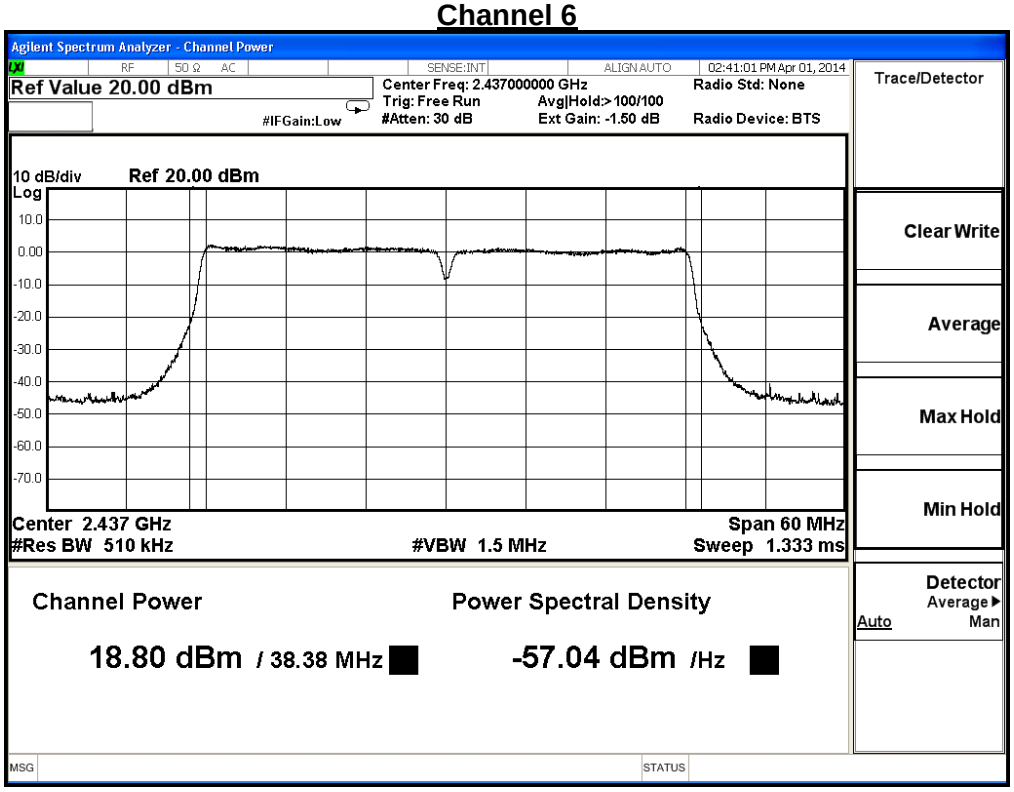
The worst emission of data rate is 13.5Mbps

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	16.13	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	18.80	18.60	18.40	18.27	18.17	17.93	17.81	17.69	1Watt=30dBm
9	2452	16.54	--	--	--	--	--	--	--	1Watt=30dBm

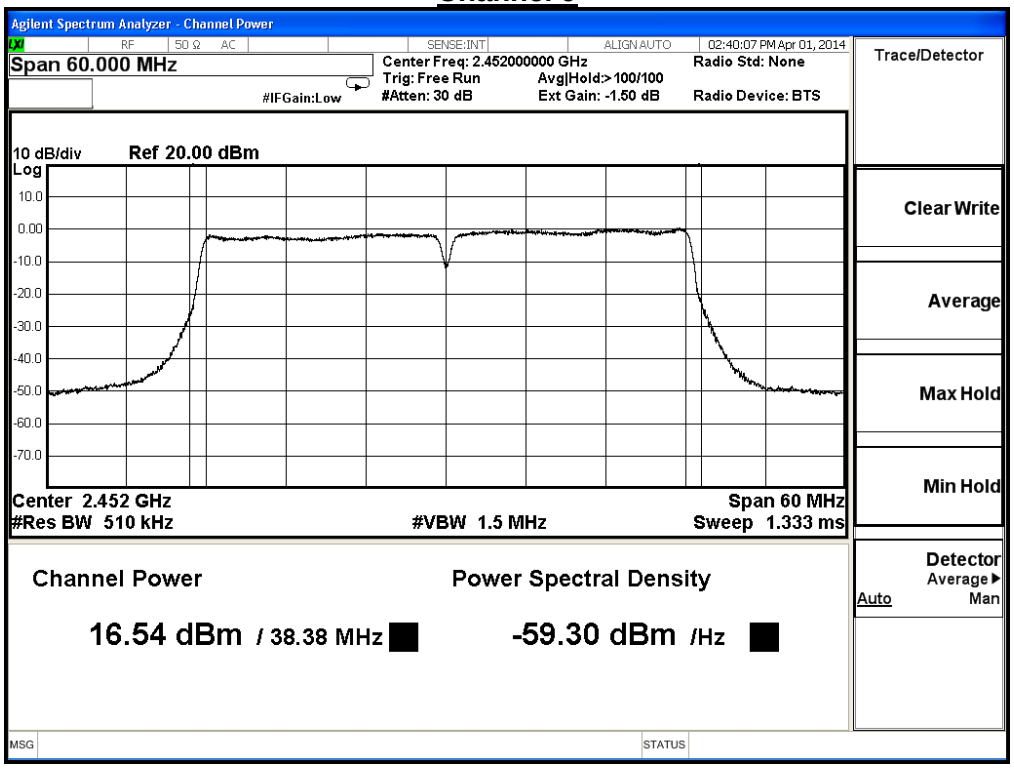
Channel 3



Channel 6



Channel 9



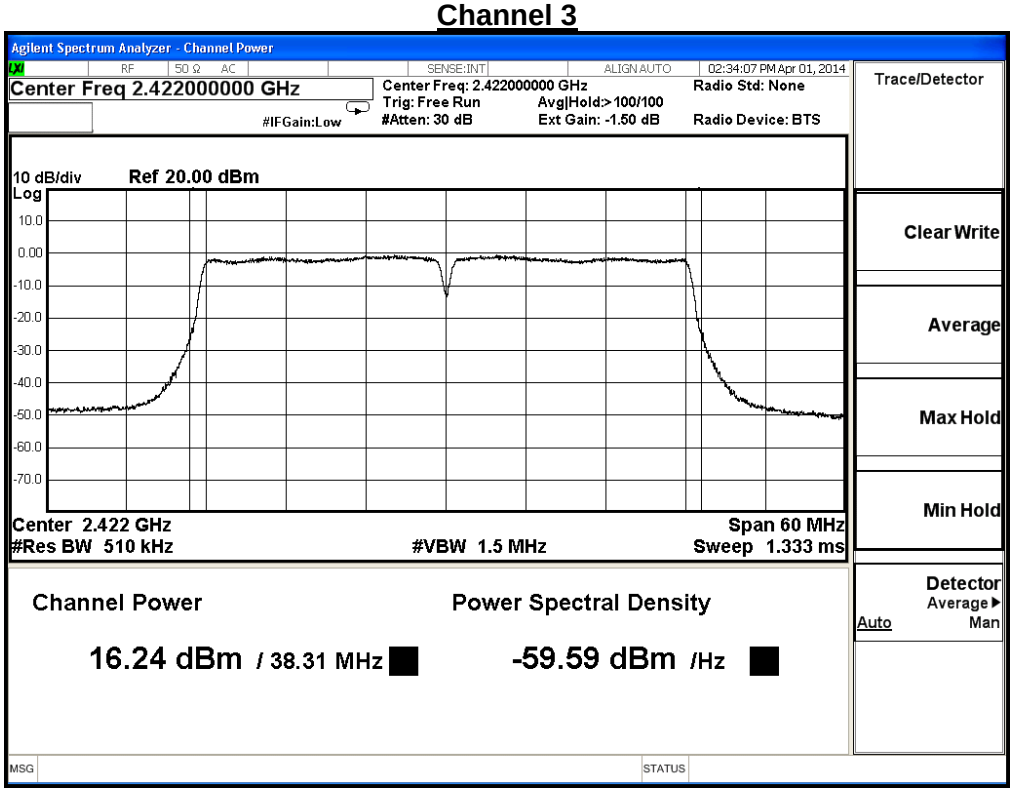
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE802.11n 40MHz(ANT 2) , power index : ch3:70 , ch6:82 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.24	≦30	Pass
6	2437	18.85	≦30	Pass
9	2452	16.61	≦30	Pass

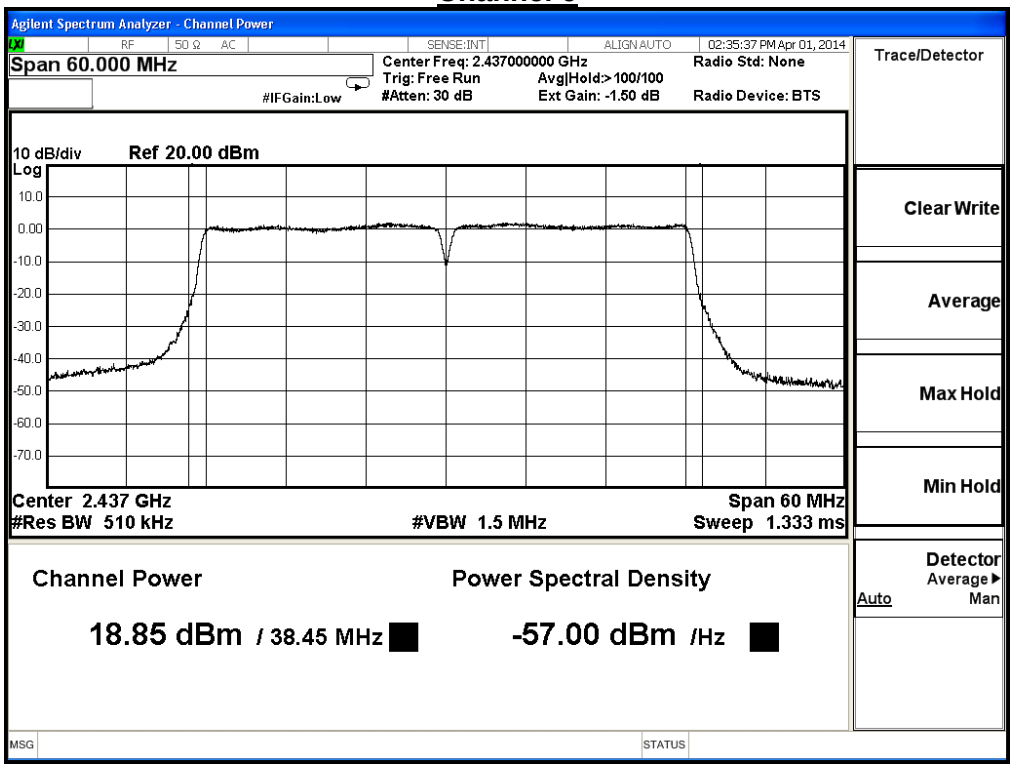
The worst emission of data rate is 13.5Mbps

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	16.24	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	18.85	18.75	18.64	18.44	18.32	18.20	17.96	17.84	1Watt=30dBm
9	2452	16.61	--	--	--	--	--	--	--	1Watt=30dBm

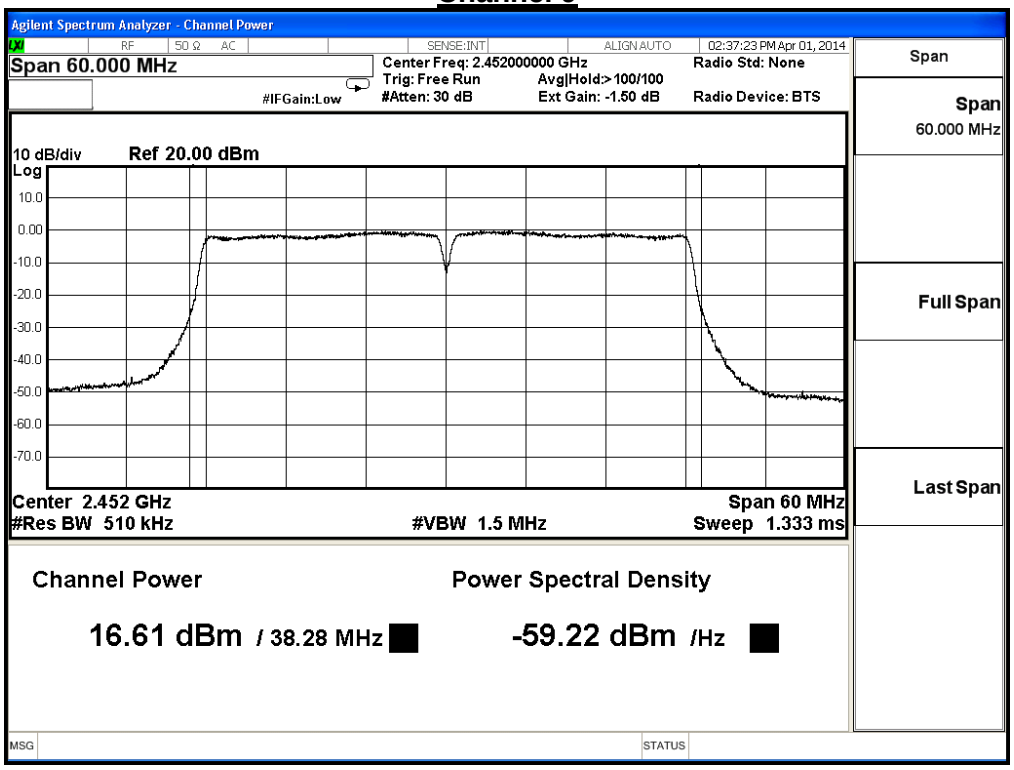
Channel 3



Channel 6



Channel 9



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2) , power index : ch3:70 , ch6:82 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	20.88	≦30	Pass
6	2437	23.62	≦30	Pass
9	2452	21.43	≦30	Pass

The worst emission of data rate is 13.5Mbps

Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	20.88	--	--	--	--	--	--	--	1Watt=30dBm
6	2437	23.62	23.45	23.28	23.13	23.02	22.83	22.62	22.50	1Watt=30dBm
9	2452	21.43	--	--	--	--	--	--	--	1Watt=30dBm

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

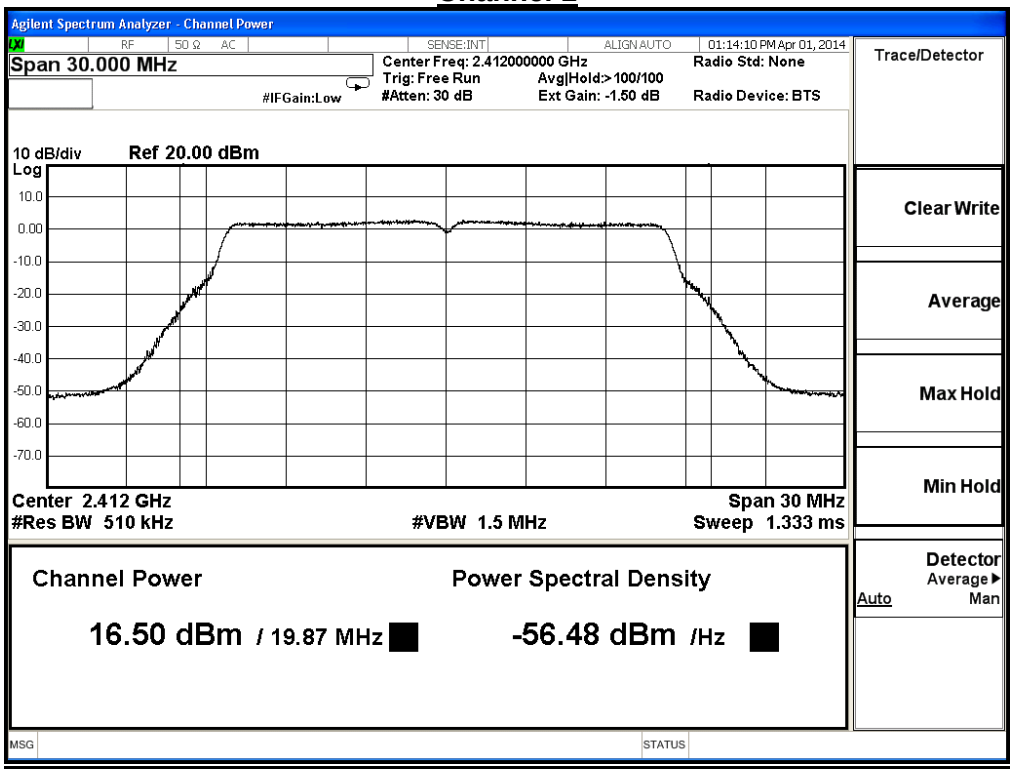
IEEE 802.11g (ANT 0) , power index : ch1:66 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.50	≦29.23	Pass
6	2437	23.12	≦29.23	Pass
11	2462	16.81	≦29.23	Pass

The worst emission of data rate is 6Mbps.

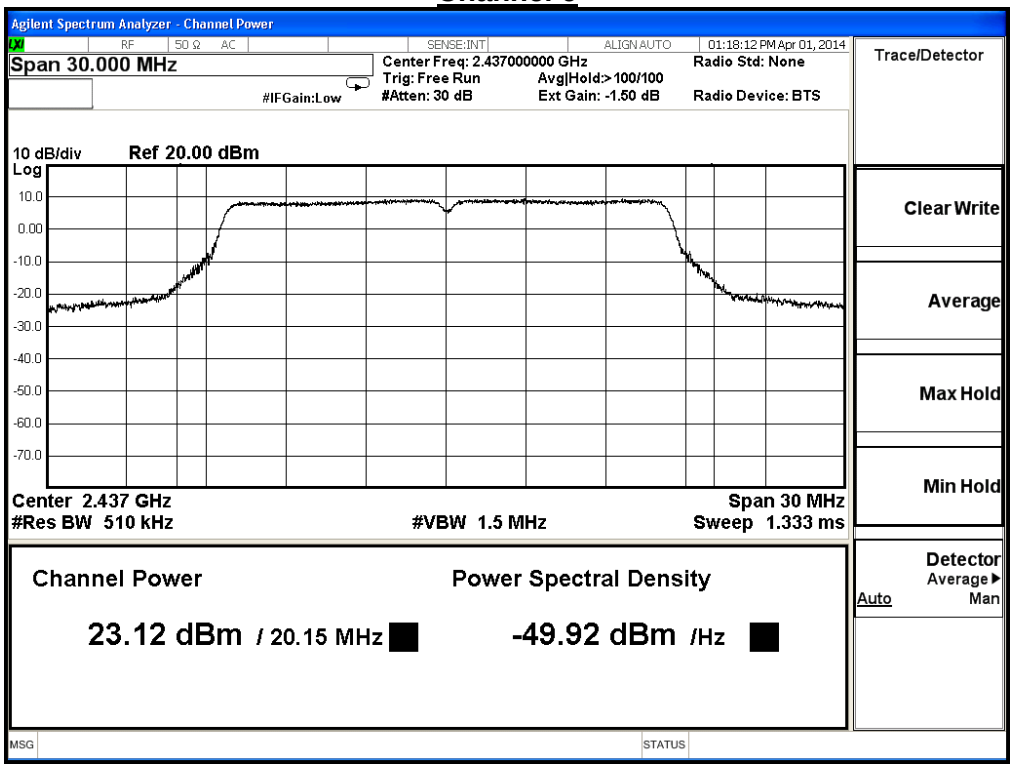
Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	16.50	--	--	--	--	--	--	29.23dBm
6	2437	23.12	22.88	22.78	22.67	22.54	22.42	22.18	29.23dBm
11	2462	16.81	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

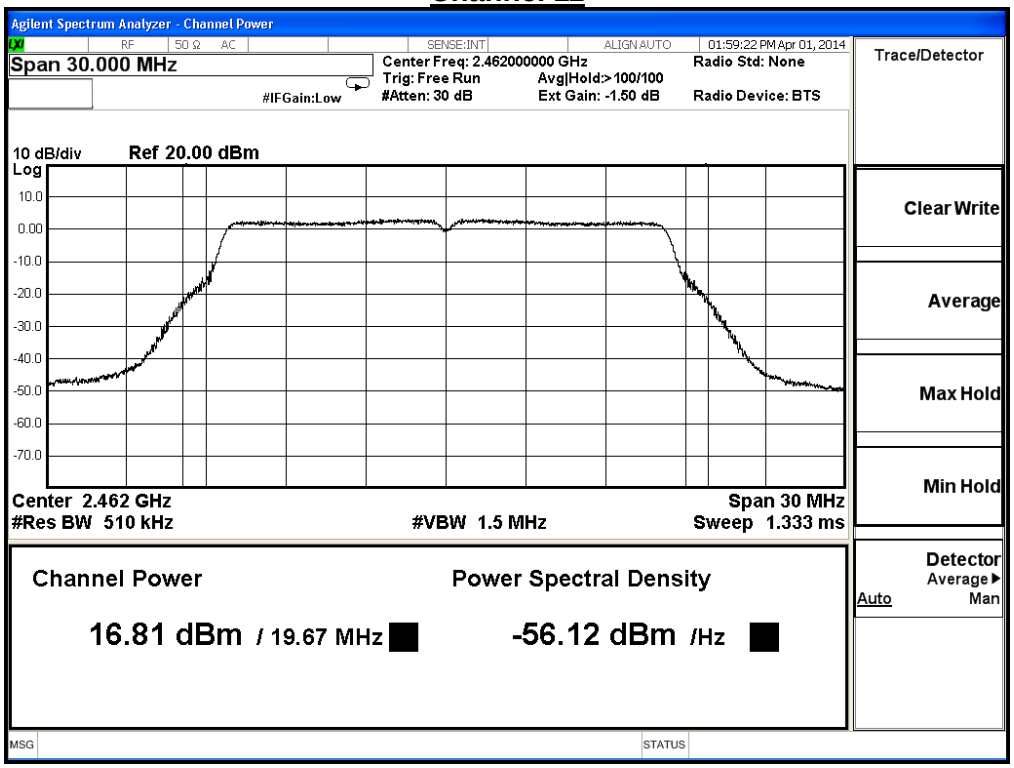
Channel 1



Channel 6



Channel 11


Agilent Spectrum Analyzer - Channel Power
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:59:22 PM Apr 01, 2014
Span 30.000 MHz
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.50 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Trace/Detector
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
Clear Write
Average
Max Hold
Min Hold
Channel Power
16.81 dBm / 19.67 MHz
Power Spectral Density
-56.12 dBm /Hz
Detector
Average
Auto
Man
MSG
STATUS

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

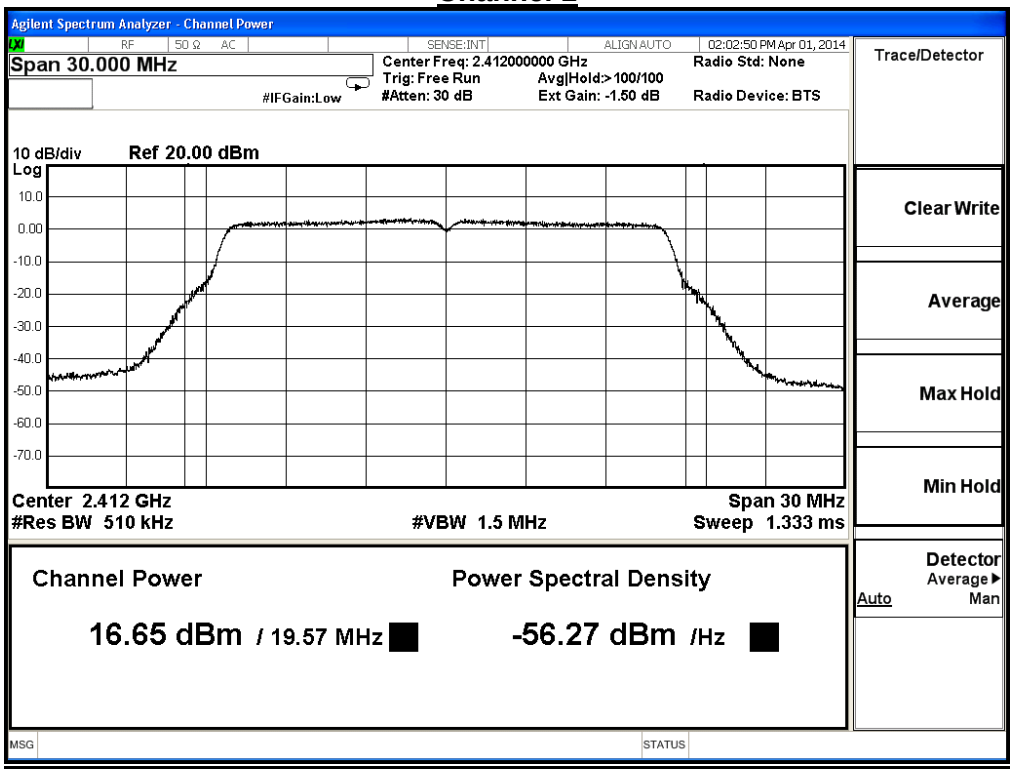
IEEE 802.11g (ANT 1) , power index : ch1:66 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.65	≦29.23	Pass
6	2437	23.04	≦29.23	Pass
11	2462	16.56	≦29.23	Pass

The worst emission of data rate is 6Mbps.

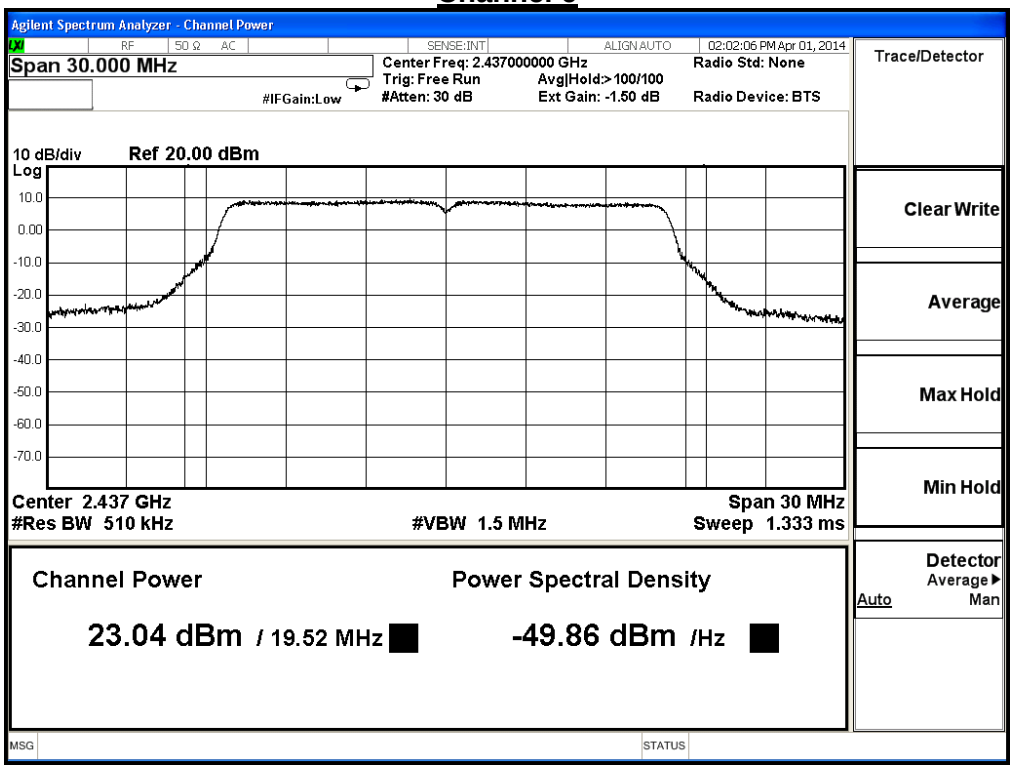
Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	16.65	--	--	--	--	--	--	29.23dBm
6	2437	23.04	22.94	22.82	22.62	22.50	22.38	22.14	29.23dBm
11	2462	16.56	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

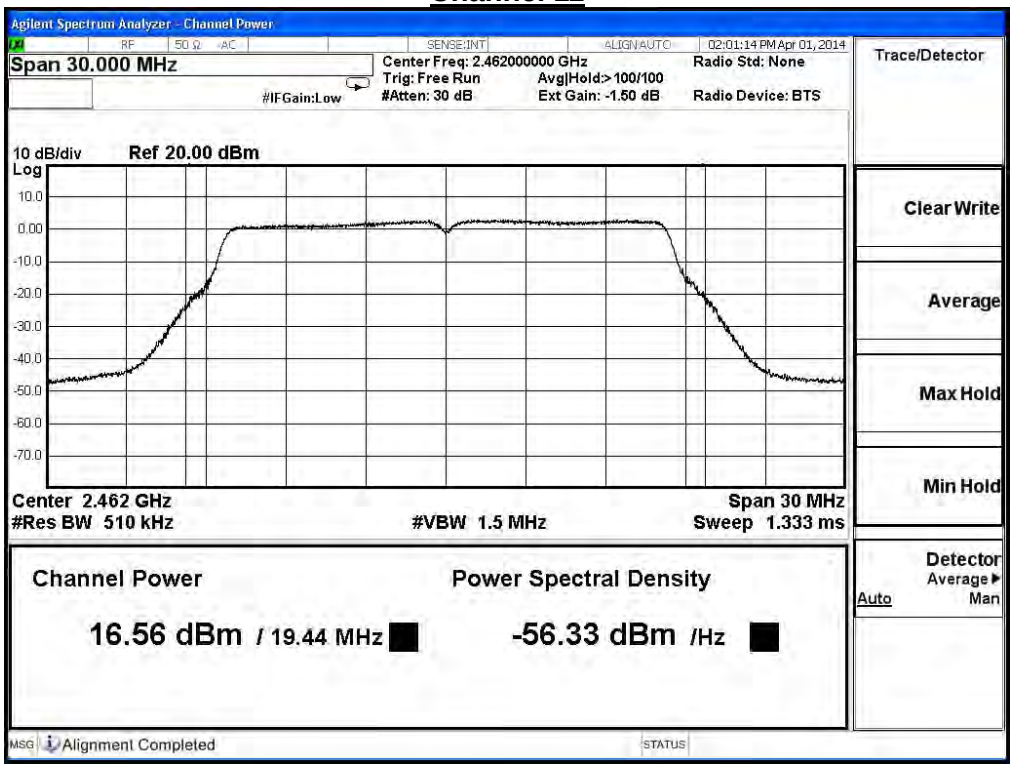
Channel 1



Channel 6



Channel 11


Agilent Spectrum Analyzer - Channel Power
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:01:14 PM Apr 01, 2014
Span 30.000 MHz
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.50 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
Trace/Detector
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
Clear Write
Average
Max Hold
Min Hold
Channel Power
16.56 dBm / 19.44 MHz
Power Spectral Density
-56.33 dBm /Hz
Detector
Average
Auto
Man
MSG
Alignment Completed
STATUS

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

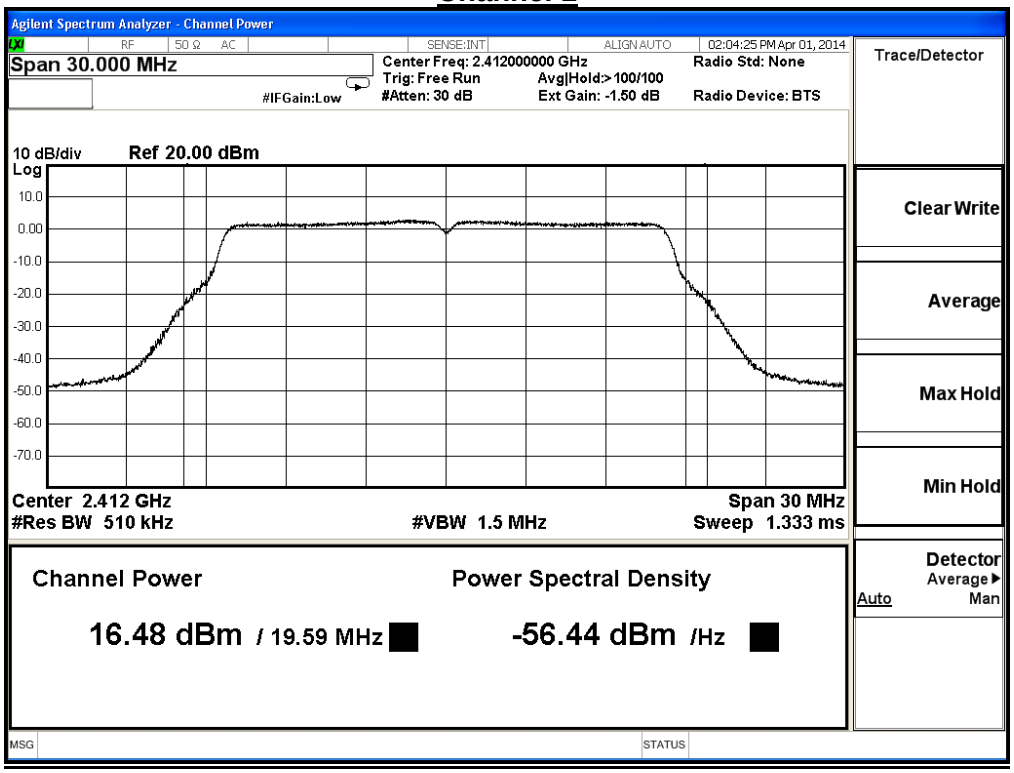
IEEE 802.11g (ANT 2) , power index : ch1:66 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.48	≦29.23	Pass
6	2437	23.36	≦29.23	Pass
11	2462	16.59	≦29.23	Pass

The worst emission of data rate is 6Mbps.

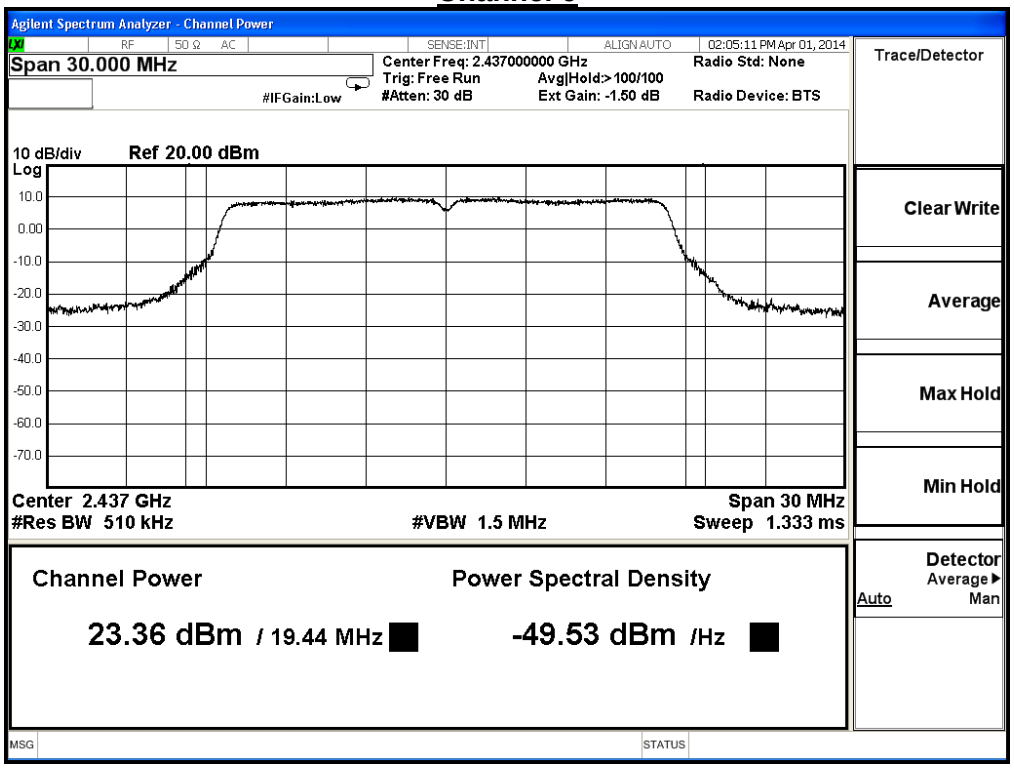
Power Output (dBm)									
Channel	Frequency	Data Rate							Required
No	(MHz)	6	12	18	24	36	48	54	Limit
1	2412	16.48	--	--	--	--	--	--	29.23dBm
6	2437	23.36	23.16	23.03	22.83	22.70	22.58	22.46	29.23dBm
11	2462	16.59	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

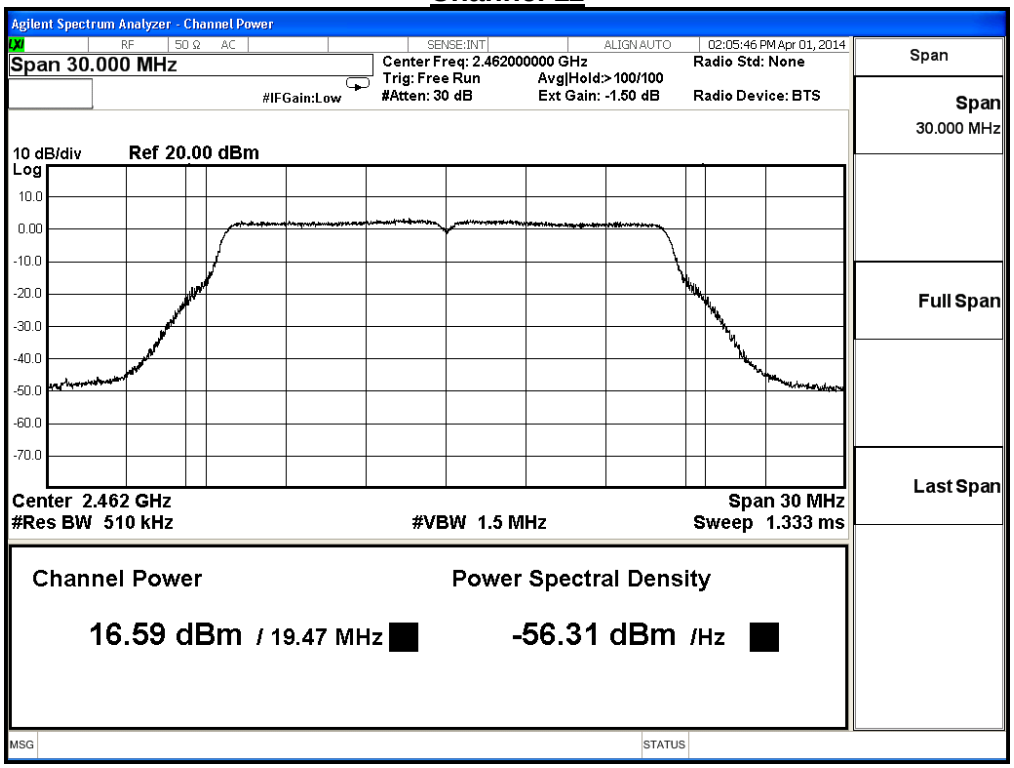
Channel 1



Channel 6



Channel 11


Agilent Spectrum Analyzer - Channel Power
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:05:46 PM Apr 01, 2014
Span 30.000 MHz
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.50 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
Channel Power
16.59 dBm / 19.47 MHz
Power Spectral Density
-56.31 dBm /Hz
MSG
STATUS
Span
Span
30.000 MHz
Full Span
Last Span

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11g (ANT 0+1+2) , power index : ch1:66 , ch6:96 , ch11:66				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.32	≦29.23	Pass
6	2437	27.95	≦29.23	Pass
11	2462	21.43	≦29.23	Pass

The worst emission of data rate is 6Mbps.

Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	21.32	--	--	--	--	--	--	29.23dBm
6	2437	27.95	27.77	27.65	27.48	27.35	27.23	27.03	29.23dBm
11	2462	21.43	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

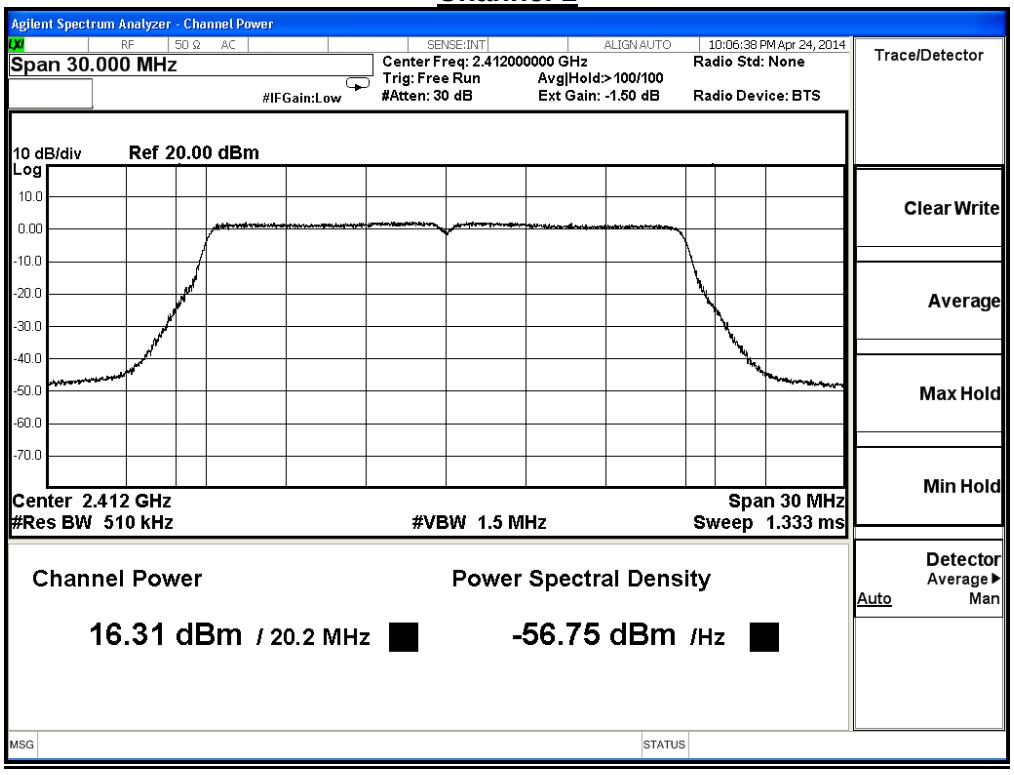
IEEE 802.11n 20MHz (ANT 0) , power index : ch1:66 , ch6:94 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.31	≦29.23	Pass
6	2437	22.92	≦29.23	Pass
11	2462	17.66	≦29.23	Pass

The worst emission of data rate is 19.5 Mbps.

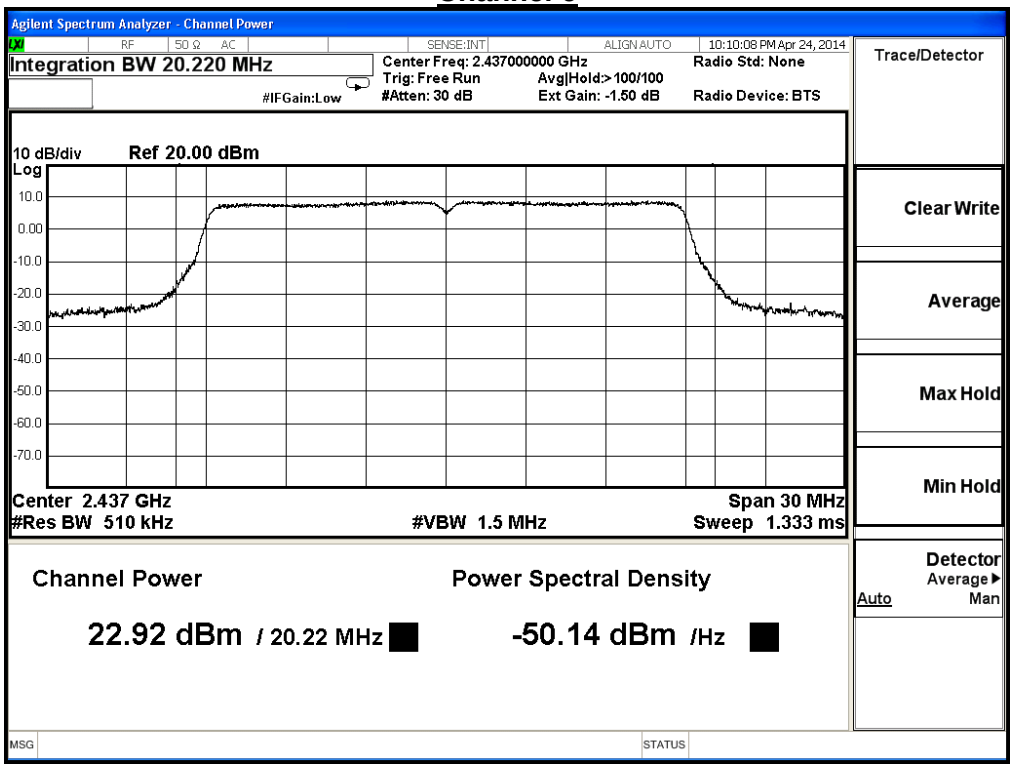
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.31	--	--	--	--	--	--	--	29.23dBm
6	2437	22.92	22.68	22.48	22.26	22.00	21.76	21.52	21.41	29.23dBm
11	2462	17.66	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

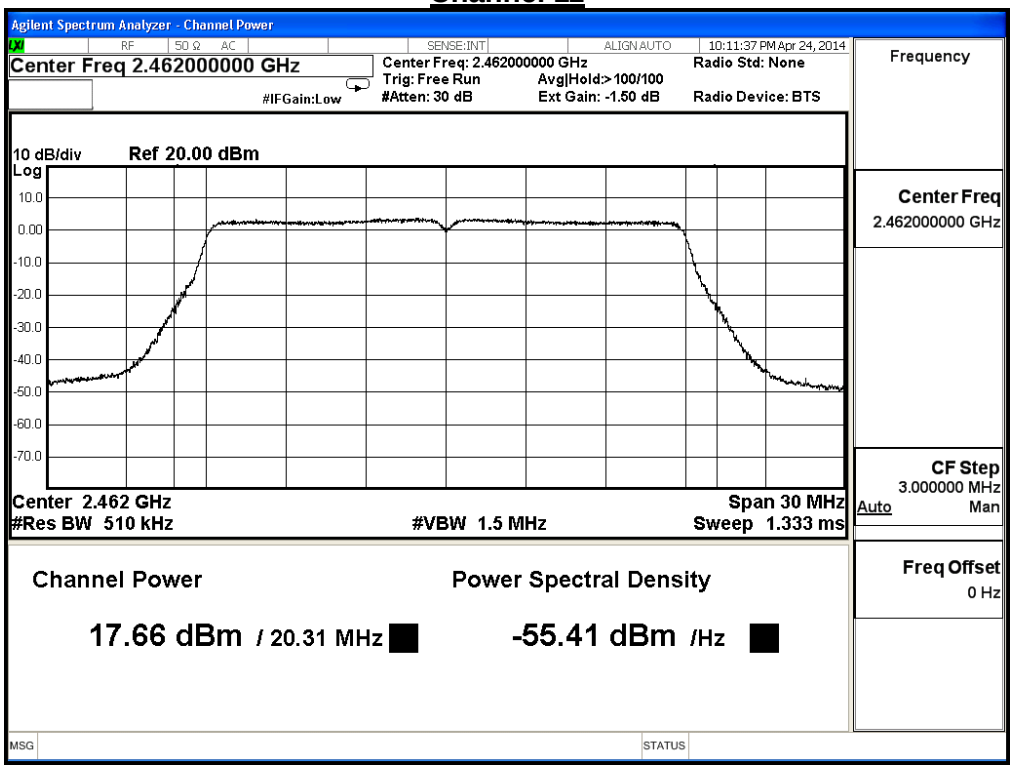
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

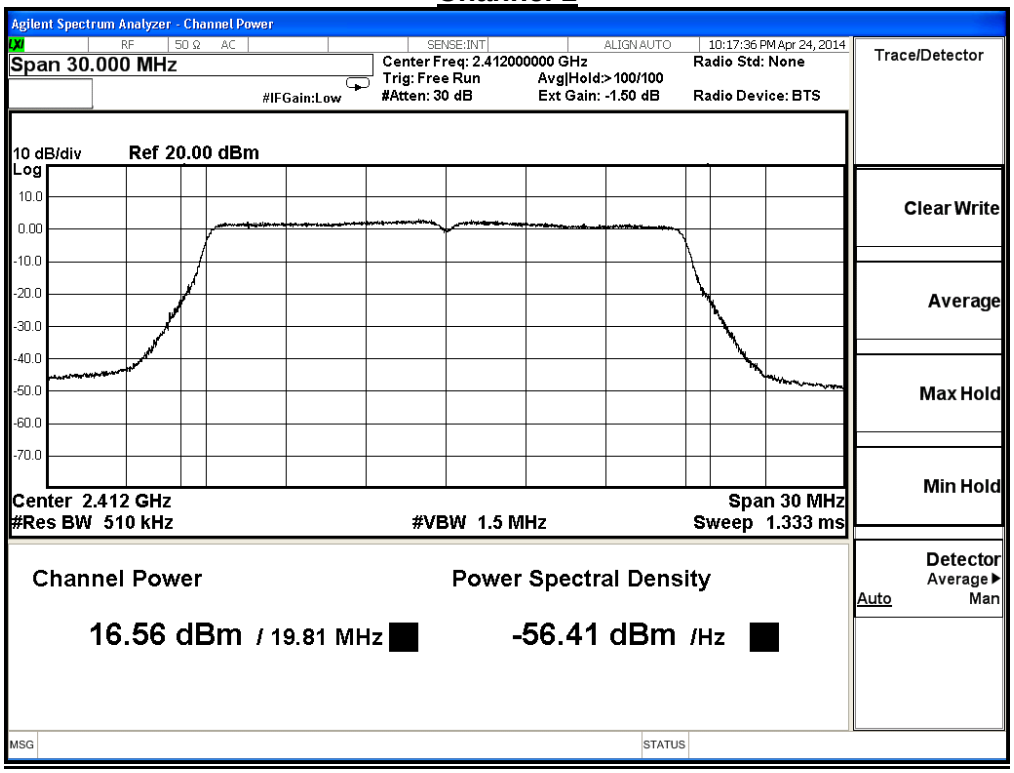
IEEE 802.11n 20MHz (ANT 1) , power index : ch1:66 , ch6:94 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.56	≦29.23	Pass
6	2437	22.56	≦29.23	Pass
11	2462	17.38	≦29.23	Pass

The worst emission of data rate is 19.5 Mbps.

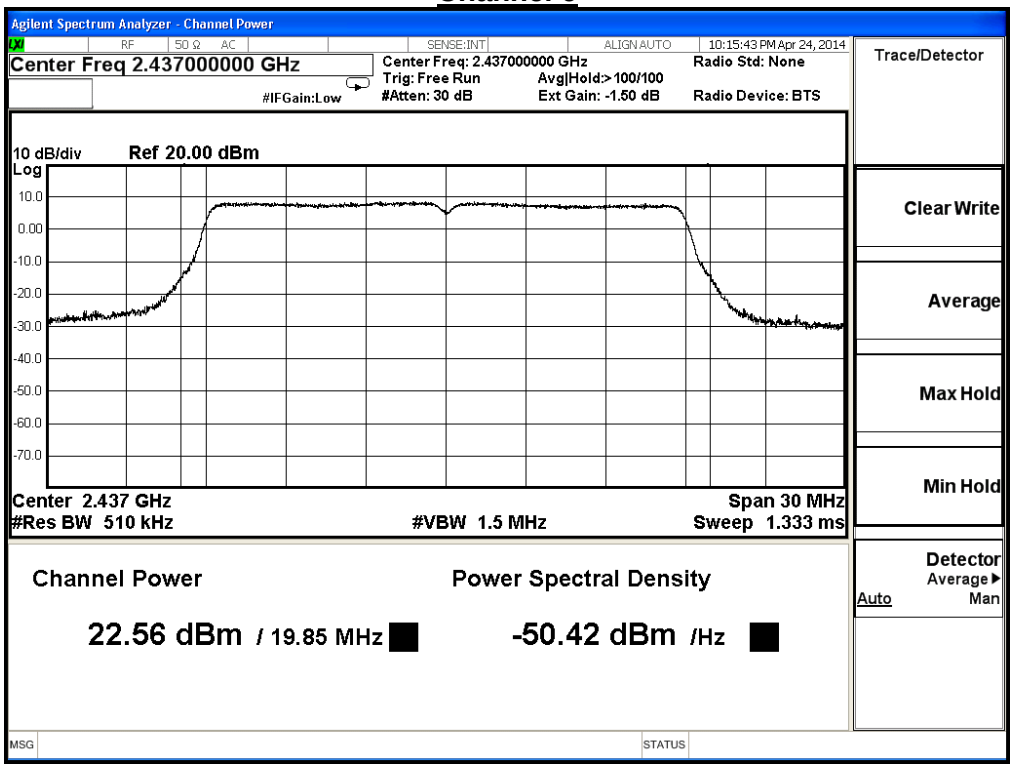
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.56	--	--	--	--	--	--	--	29.23dBm
6	2437	22.56	22.36	22.24	22.04	21.92	21.68	21.56	21.30	29.23dBm
11	2462	17.38	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

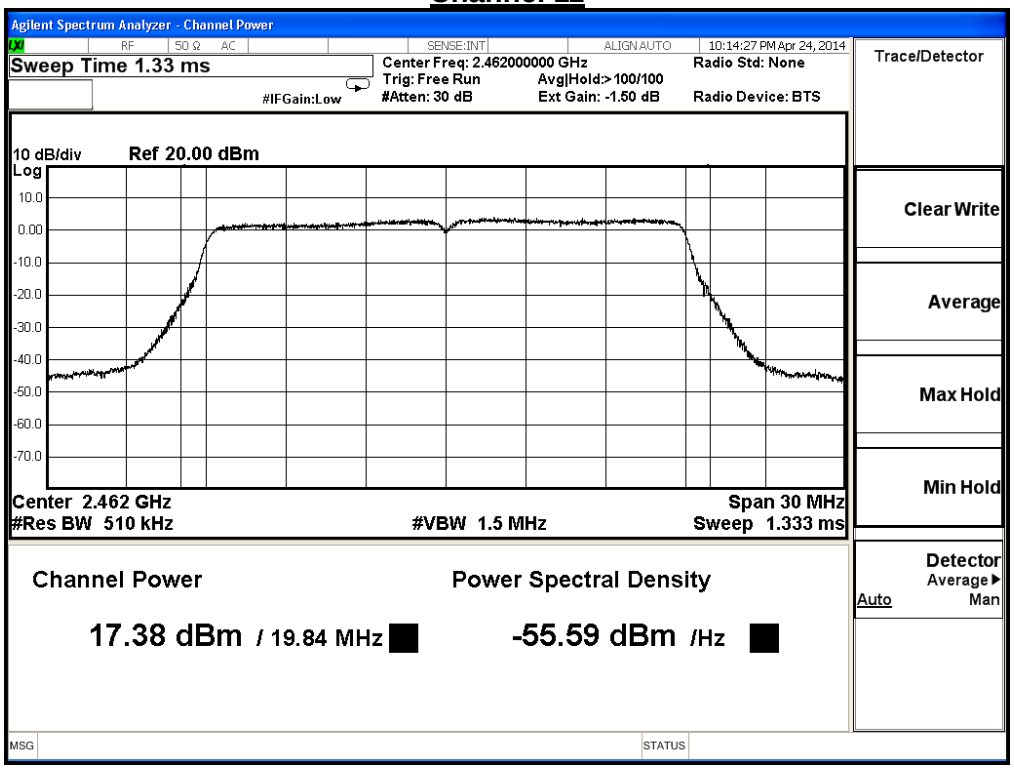
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

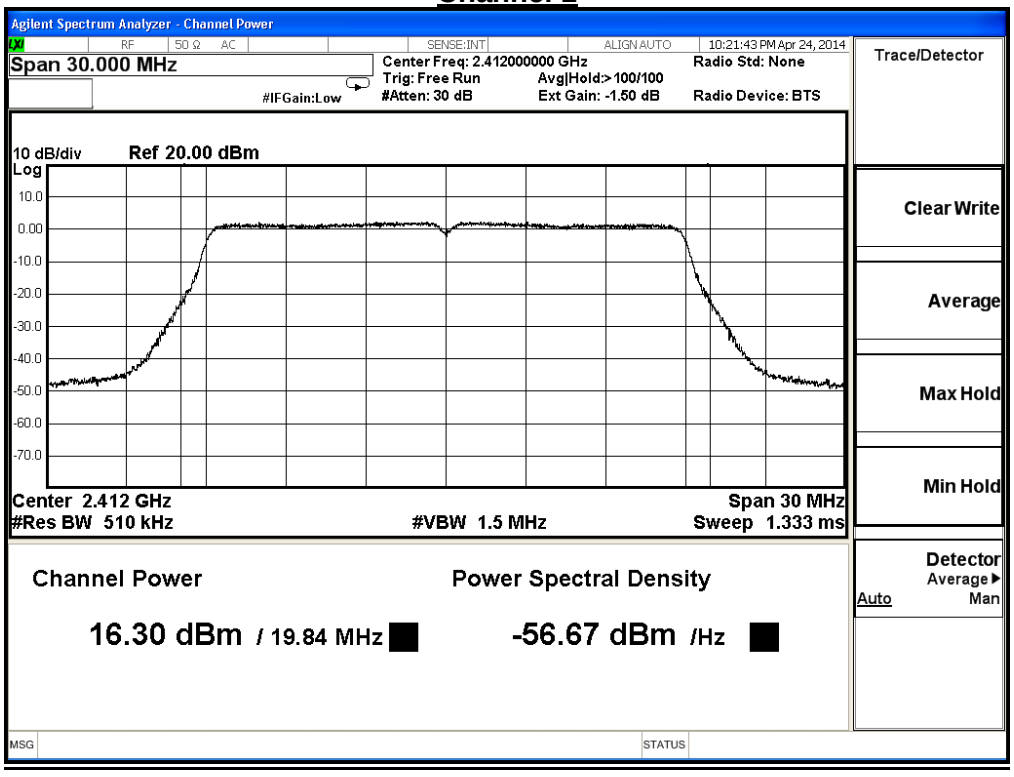
IEEE 802.11n 20MHz (ANT 2) , power index : ch1:66 , ch6:94 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.30	≦29.23	Pass
6	2437	23.00	≦29.23	Pass
11	2462	17.30	≦29.23	Pass

The worst emission of data rate is 19.5 Mbps.

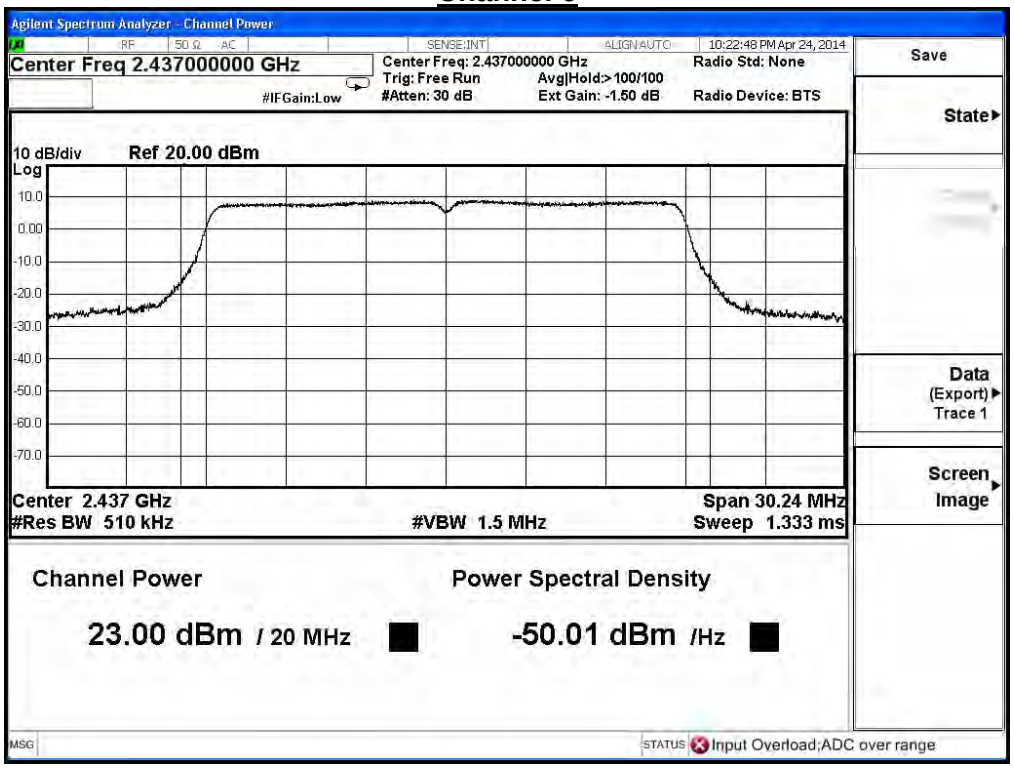
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.30	--	--	--	--	--	--	--	29.23dBm
6	2437	23.00	22.80	22.54	22.44	22.18	22.06	21.82	21.58	29.23dBm
11	2462	17.30	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

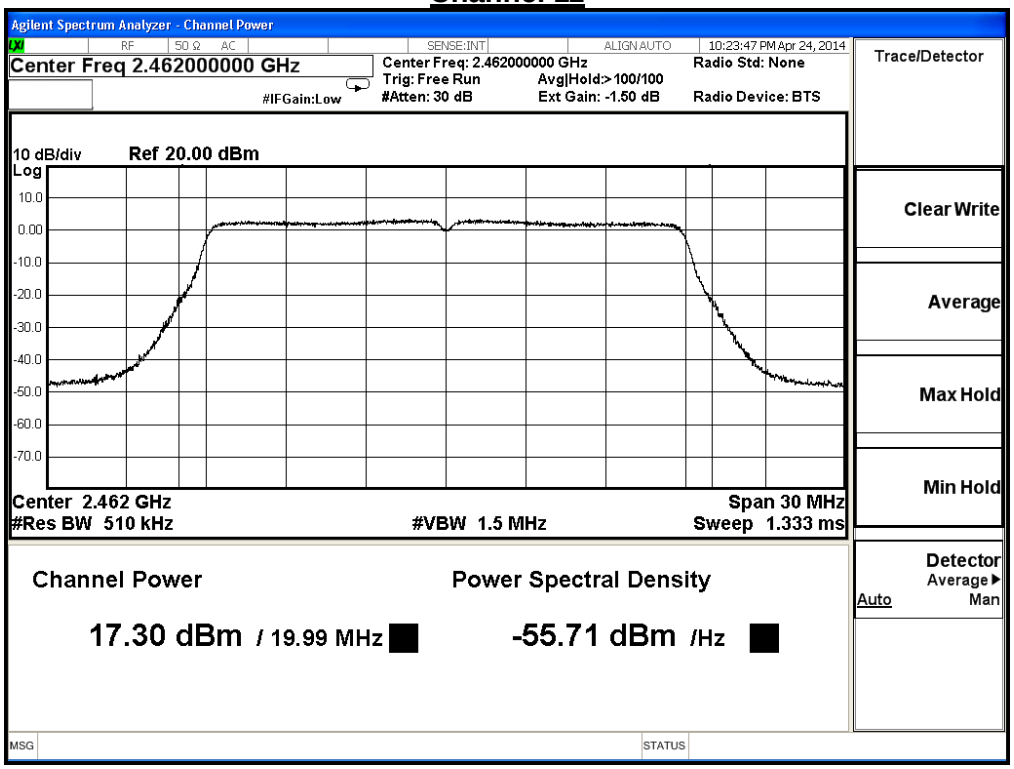
Channel 1



Channel 6



Channel 11



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2) , power index : ch1:66 , ch6:94 , ch11:70				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.16	≦29.23	Pass
6	2437	27.60	≦29.23	Pass
11	2462	22.22	≦29.23	Pass

The worst emission of data rate is 19.5 Mbps.

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	
1	2412	21.16	--	--	--	--	--	--	--	29.23dBm
6	2437	27.60	27.39	27.19	27.02	26.81	26.61	26.41	26.20	29.23dBm
11	2462	22.22	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

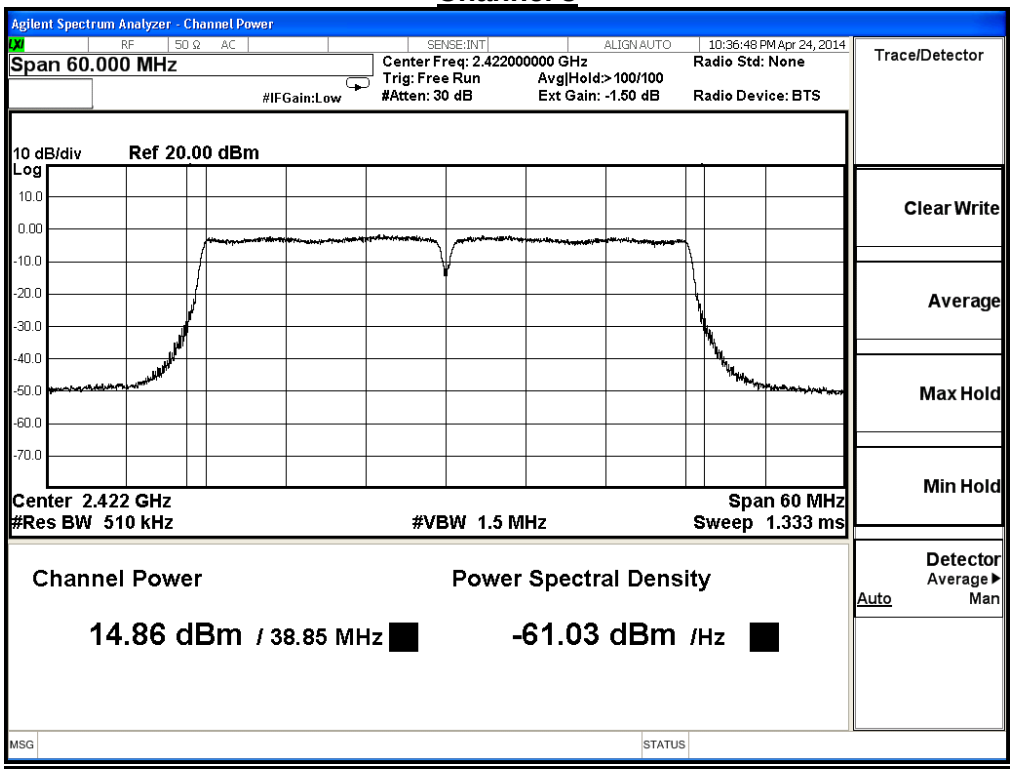
IEEE802.11n 40MHz(ANT 0) , power index : ch3:62 , ch6:78 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	14.86	≦29.23	Pass
6	2437	18.37	≦29.23	Pass
9	2452	17.14	≦29.23	Pass

The worst emission of data rate is 40.5Mbps

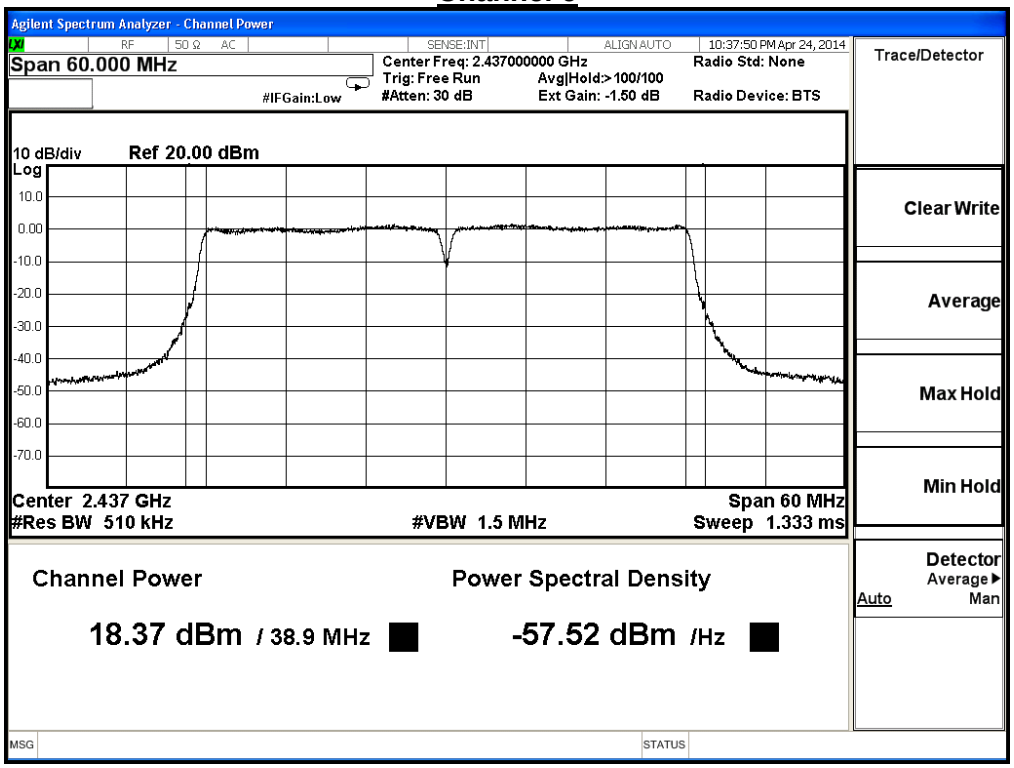
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate 40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	14.86	--	--	--	--	--	--	--	29.23dBm
6	2437	18.37	18.17	18.06	17.86	17.66	17.42	17.29	17.17	29.23dBm
9	2452	17.14	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

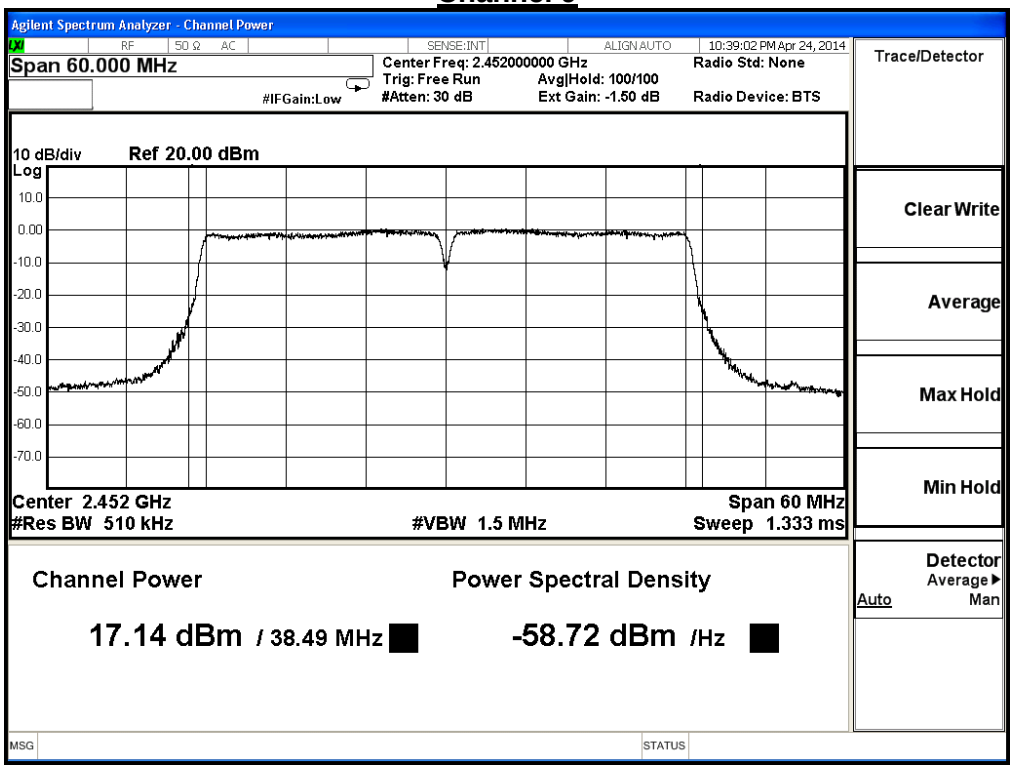
Channel 3



Channel 6



Channel 9



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

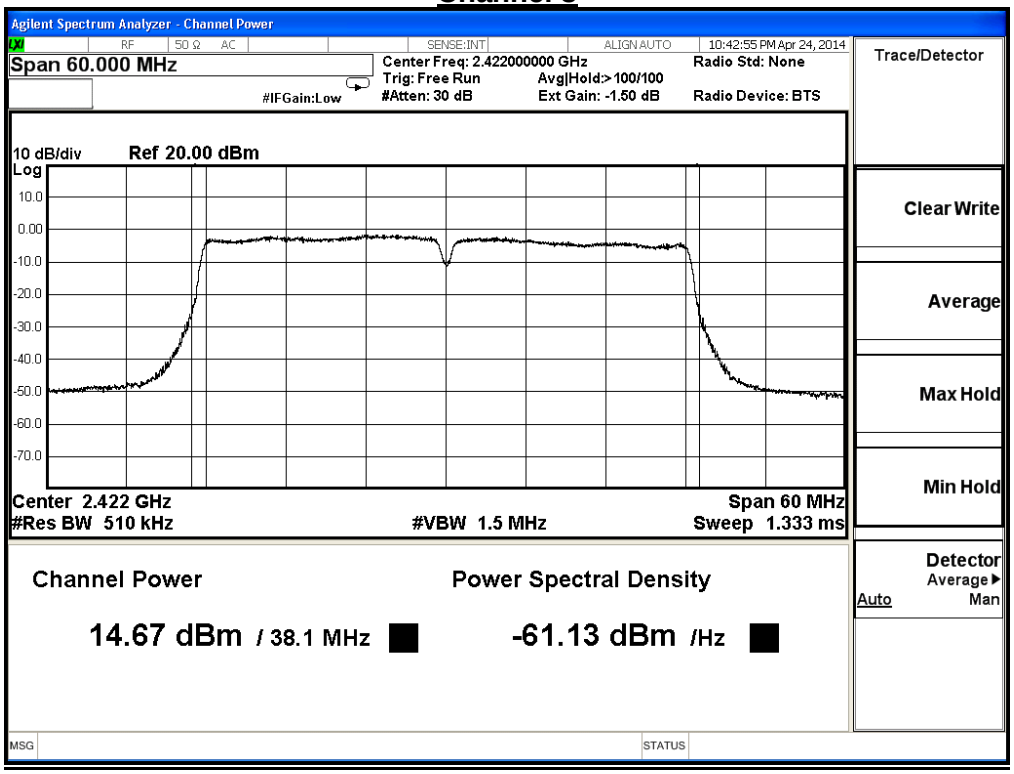
IEEE802.11n 40MHz(ANT 1) , power index : ch3:62 , ch6:78 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	14.67	≦29.23	Pass
6	2437	18.03	≦29.23	Pass
9	2452	16.82	≦29.23	Pass

The worst emission of data rate is 40.5Mbps

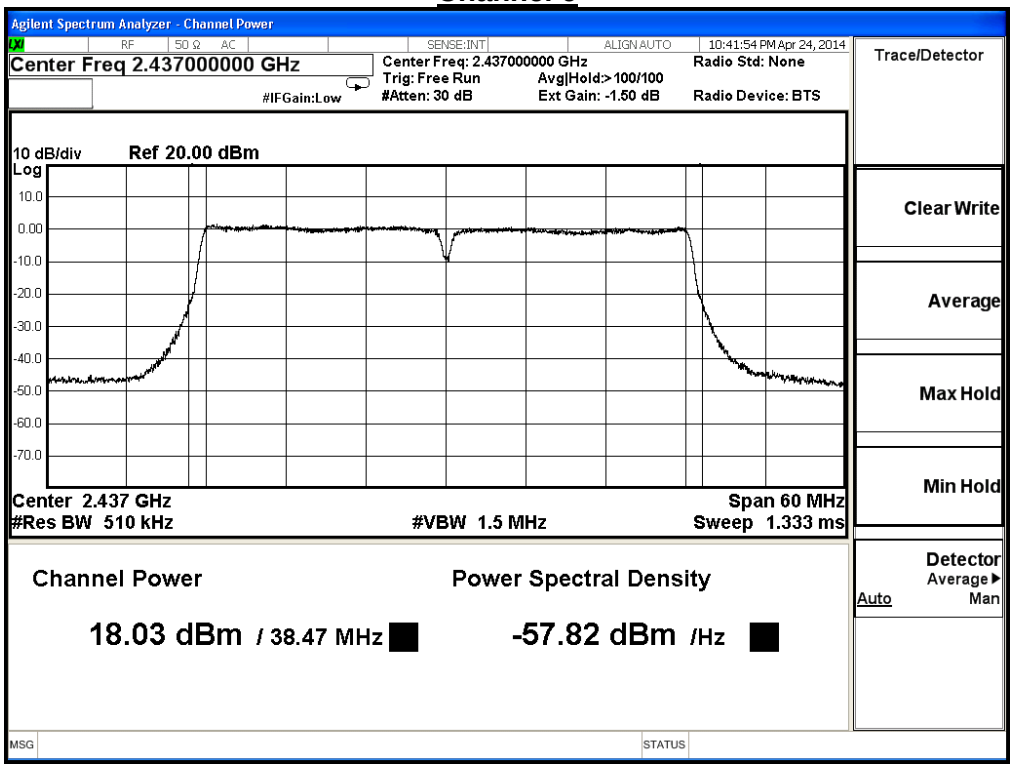
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	14.67	--	--	--	--	--	--	--	29.23dBm
6	2437	18.03	17.83	17.73	17.60	17.50	17.38	17.14	17.02	29.23dBm
9	2452	16.82	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

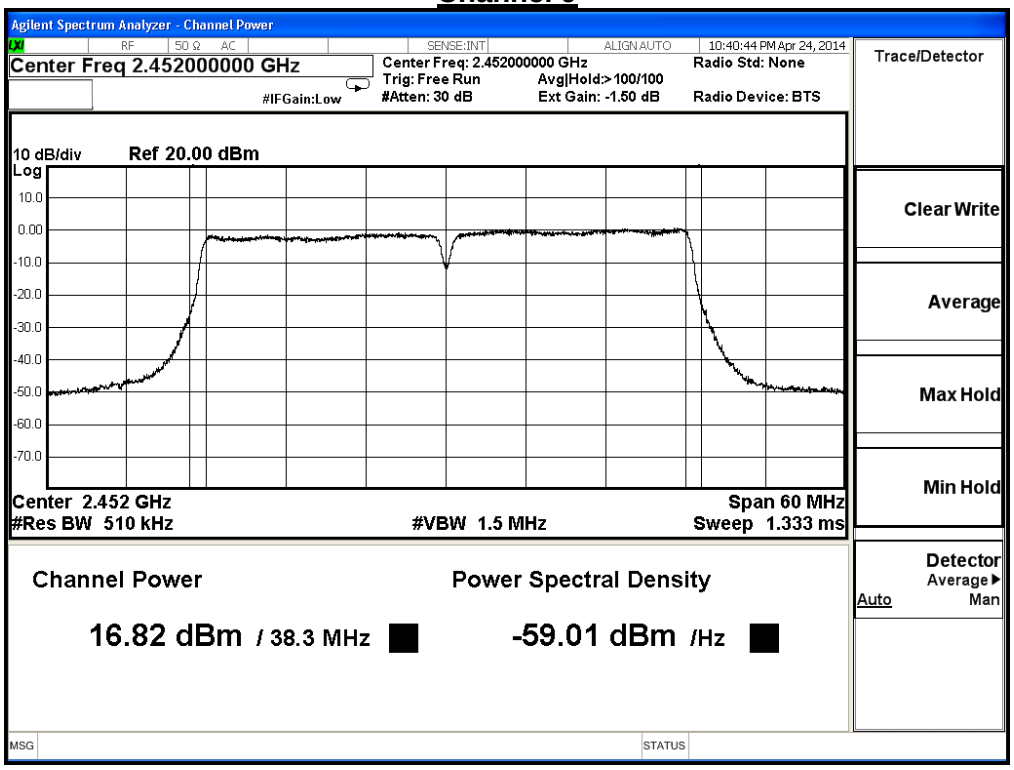
Channel 3



Channel 6



Channel 9



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

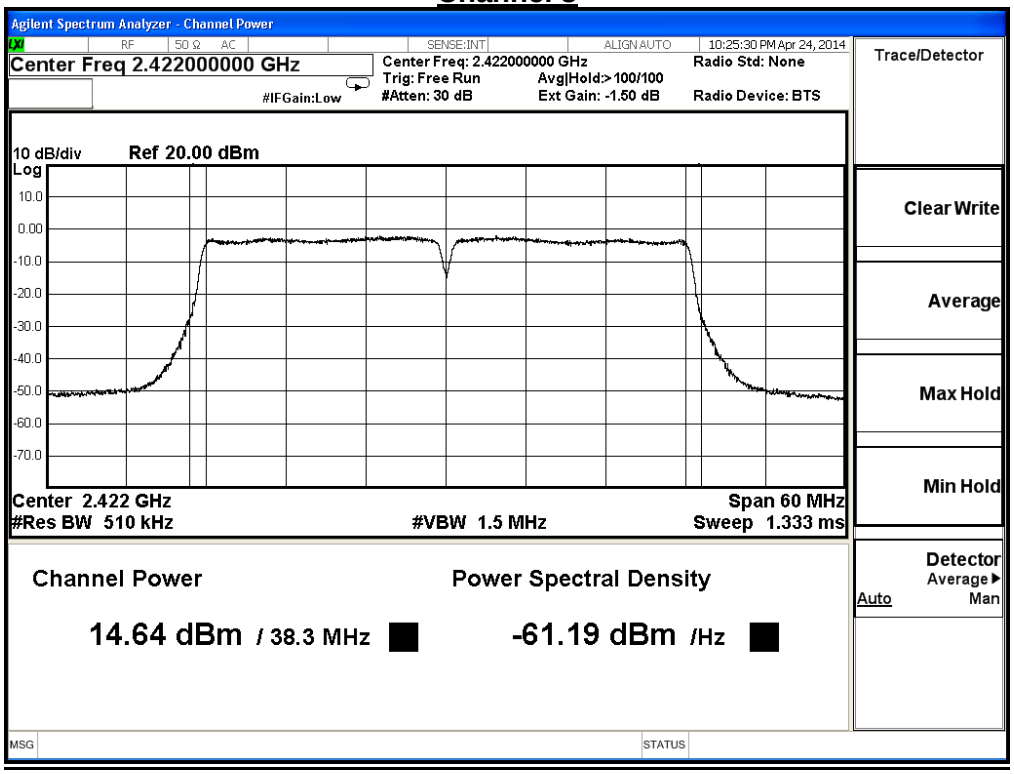
IEEE802.11n 40MHz(ANT 2) , power index : ch3:62 , ch6:78 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	14.64	≦29.23	Pass
6	2437	18.20	≦29.23	Pass
9	2452	16.82	≦29.23	Pass

The worst emission of data rate is 40.5Mbps

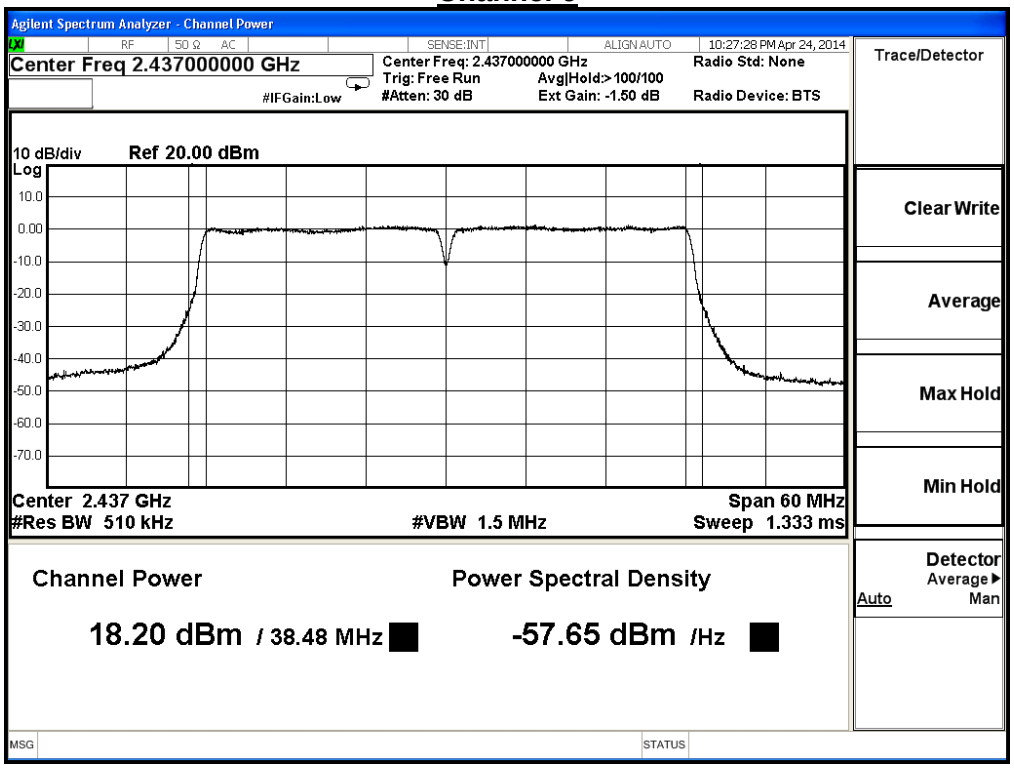
Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	14.64	--	--	--	--	--	--	--	29.23dBm
6	2437	18.20	18.00	17.78	17.68	17.56	17.32	17.20	16.96	29.23dBm
9	2452	16.82	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

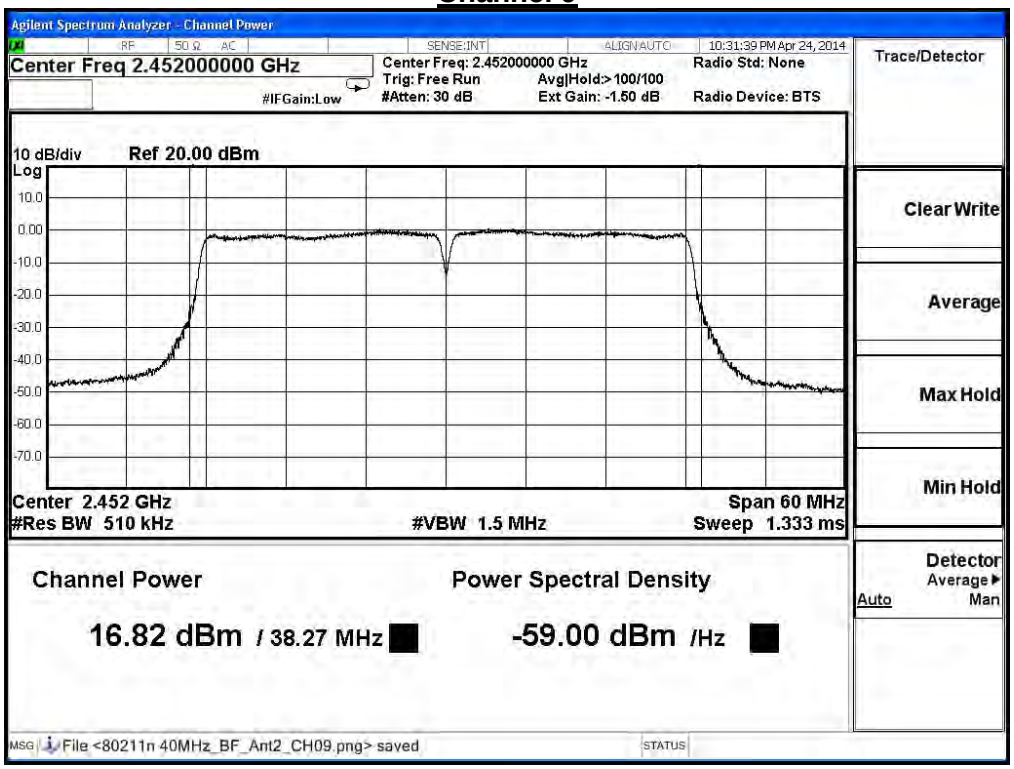
Channel 3



Channel 6



Channel 9



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	Peak Power Output		
Test Mode	Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/28	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2) , power index : ch3:62 , ch6:78 , ch9:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	19.50	≦29.23	Pass
6	2437	22.97	≦29.23	Pass
9	2452	21.70	≦29.23	Pass

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	
3	2422	19.50	--	--	--	--	--	--	--	29.23dBm
6	2437	22.97	22.77	22.63	22.49	22.35	22.14	21.98	21.82	29.23dBm
9	2452	21.70	--	--	--	--	--	--	--	29.23dBm

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 30dBm - (6.77dBi - 6dB) = 29.23 dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

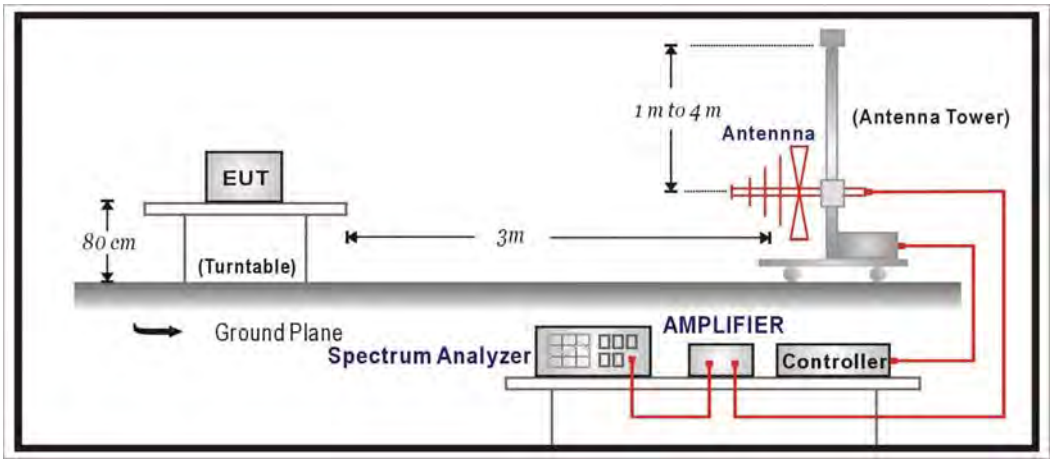
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895(CB1)	2014/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2015/02/12
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2014/06/09
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2015/02/06
Spectrum Analyzer	Agilent	E4440A	MY46187335	2015/01/12
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2015/02/10

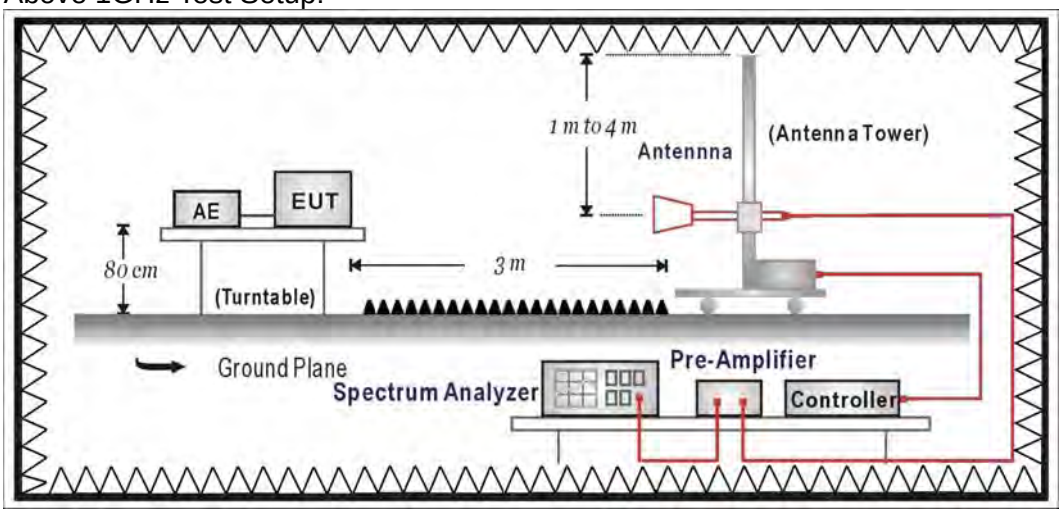
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

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	uV/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 KDB558074 v03r01 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: 2013

4.6. Uncertainty

The measurement uncertainty

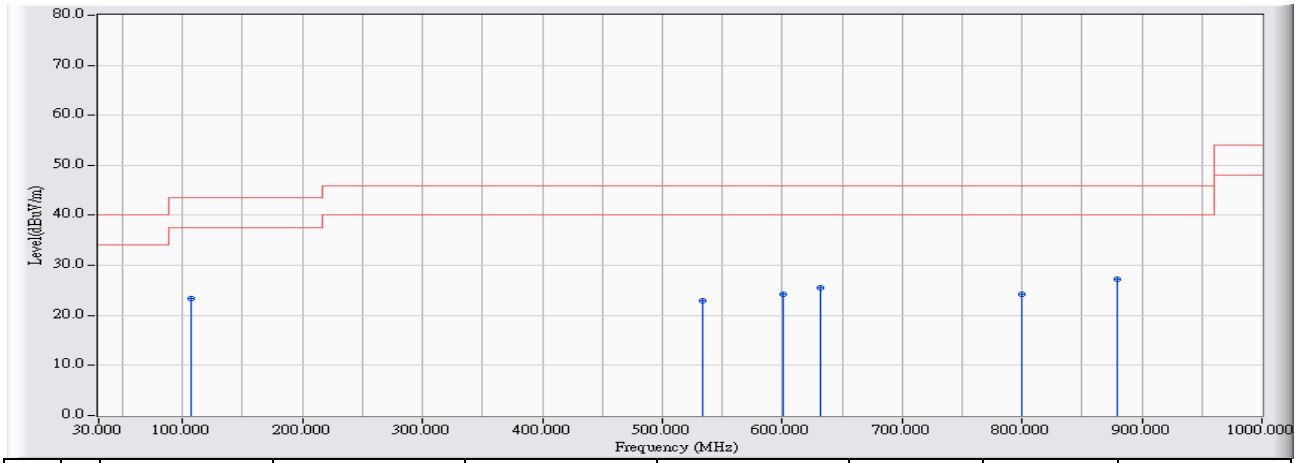
30MHz～1GHz as ±3.43dB

1GHz～26.5Ghz as ±3.65dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2014/04/03 - 02:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/ 60Hz
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz

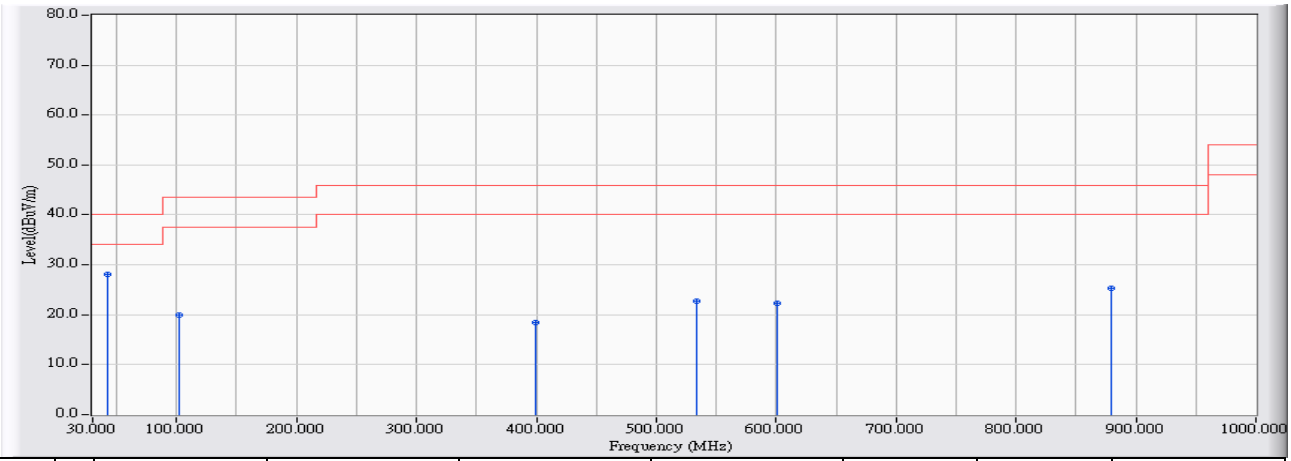


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.600	-22.787	46.165	23.378	-20.122	43.500	QUASIPEAK
2		533.430	-15.584	38.509	22.925	-23.075	46.000	QUASIPEAK
3		600.360	-15.514	39.725	24.210	-21.790	46.000	QUASIPEAK
4		632.370	-15.352	40.769	25.417	-20.583	46.000	QUASIPEAK
5		800.180	-13.587	37.894	24.308	-21.692	46.000	QUASIPEAK
6	*	879.720	-13.380	40.699	27.319	-18.681	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 : 2014/04/03 - 02:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz**

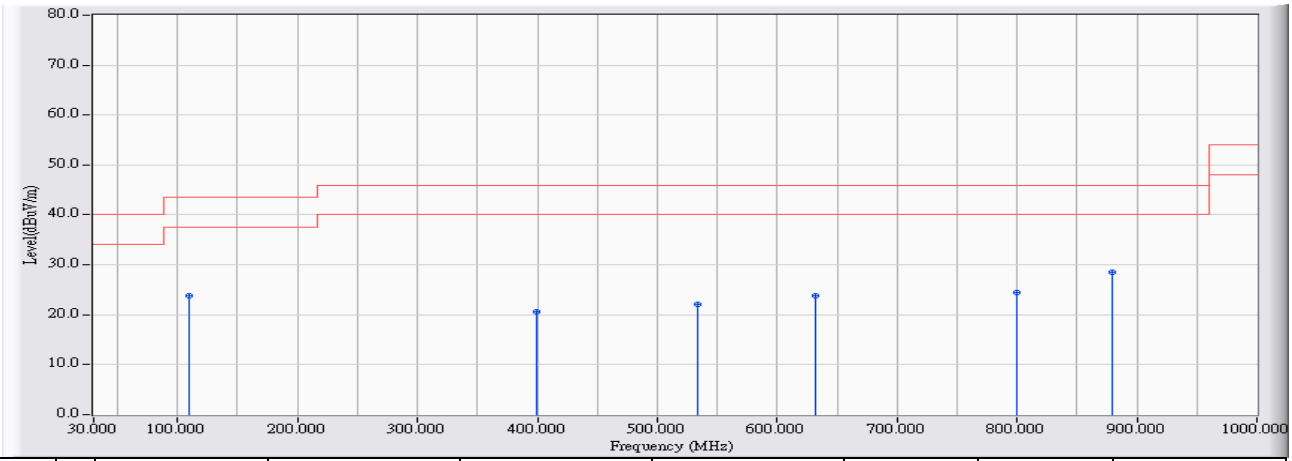


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	51.819	28.129	-11.871	40.000	QUASIPEAK
2		102.750	-23.023	43.015	19.992	-23.508	43.500	QUASIPEAK
3		399.570	-17.557	36.022	18.465	-27.535	46.000	QUASIPEAK
4		533.430	-15.584	38.400	22.816	-23.184	46.000	QUASIPEAK
5		600.360	-15.514	37.730	22.215	-23.785	46.000	QUASIPEAK
6		879.720	-13.380	38.722	25.342	-20.658	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 : 2014/04/03 - 02:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

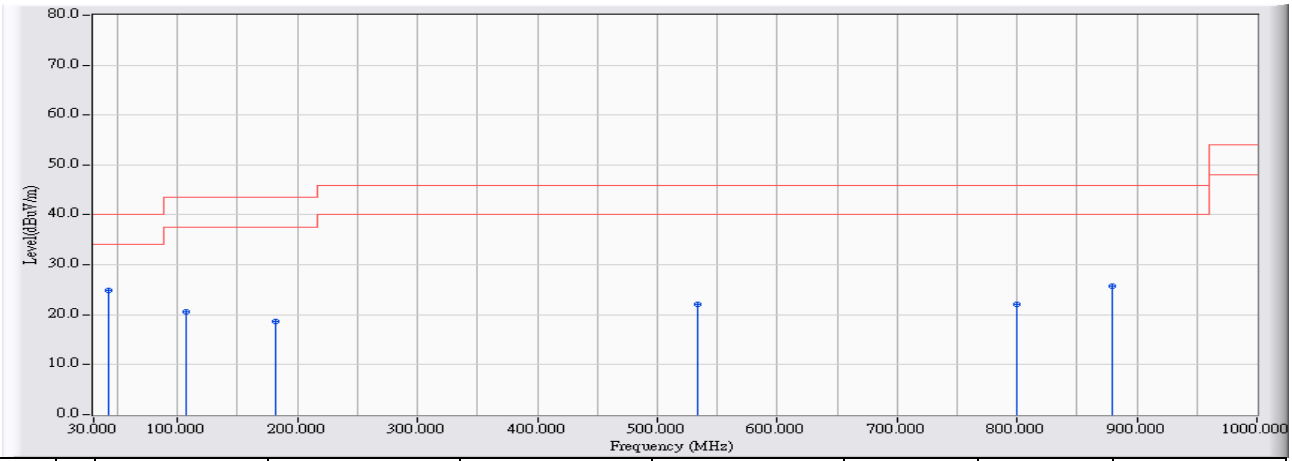


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	46.444	23.752	-19.748	43.500	QUASIPEAK
2		399.570	-17.557	38.117	20.560	-25.440	46.000	QUASIPEAK
3		533.430	-15.584	37.714	22.130	-23.870	46.000	QUASIPEAK
4		632.370	-15.352	39.236	23.884	-22.116	46.000	QUASIPEAK
5		800.180	-13.587	37.933	24.347	-21.653	46.000	QUASIPEAK
6	*	879.720	-13.380	41.960	28.580	-17.420	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 : 2014/04/03 - 02:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

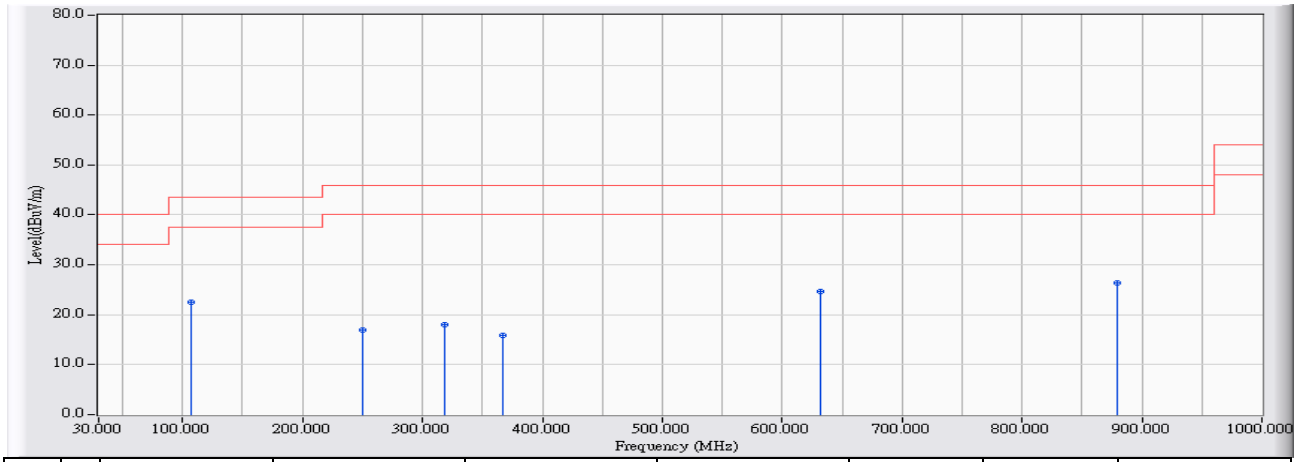


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	48.579	24.889	-15.111	40.000	QUASIPEAK
2		107.600	-22.787	43.481	20.694	-22.806	43.500	QUASIPEAK
3		181.320	-24.746	43.314	18.568	-24.932	43.500	QUASIPEAK
4		533.430	-15.584	37.581	21.997	-24.003	46.000	QUASIPEAK
5		800.180	-13.587	35.739	22.153	-23.847	46.000	QUASIPEAK
6		879.720	-13.380	39.079	25.699	-20.301	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 : 2014/04/03 - 02:41**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

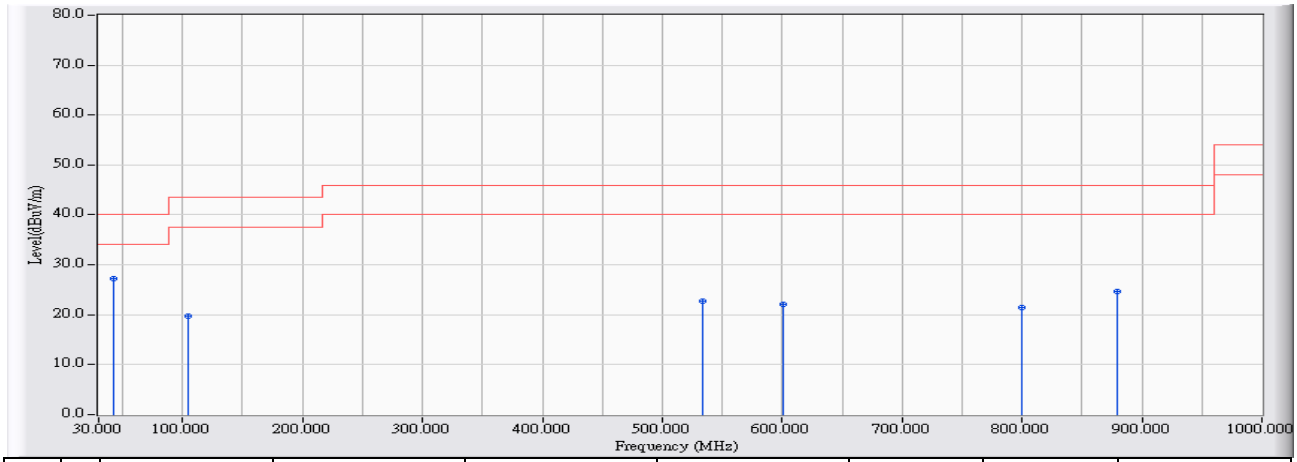


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.600	-22.787	45.282	22.495	-21.005	43.500	QUASIPEAK
2		250.190	-21.013	37.963	16.950	-29.050	46.000	QUASIPEAK
3		318.090	-19.595	37.690	18.095	-27.905	46.000	QUASIPEAK
4		366.590	-18.381	34.226	15.845	-30.155	46.000	QUASIPEAK
5		632.370	-15.352	40.026	24.674	-21.326	46.000	QUASIPEAK
6	*	879.720	-13.380	39.857	26.477	-19.523	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 : 2014/04/03 - 02:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

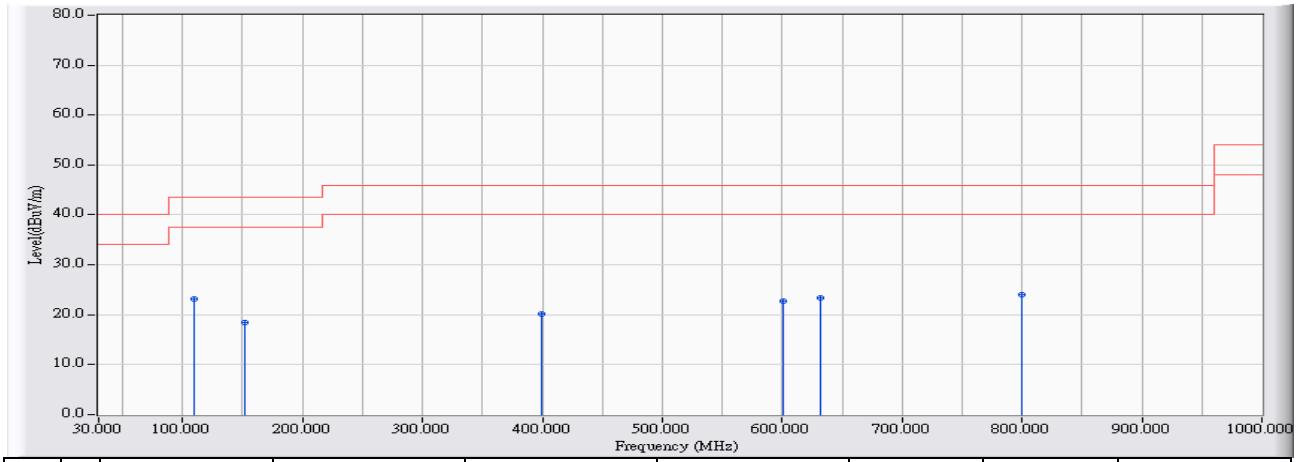


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	50.957	27.267	-12.733	40.000	QUASIPEAK
2		104.690	-22.929	42.659	19.731	-23.769	43.500	QUASIPEAK
3		533.430	-15.584	38.282	22.698	-23.302	46.000	QUASIPEAK
4		600.360	-15.514	37.499	21.984	-24.016	46.000	QUASIPEAK
5		800.180	-13.587	35.090	21.504	-24.496	46.000	QUASIPEAK
6		879.720	-13.380	38.080	24.700	-21.300	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 : 2014/04/03 - 02:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

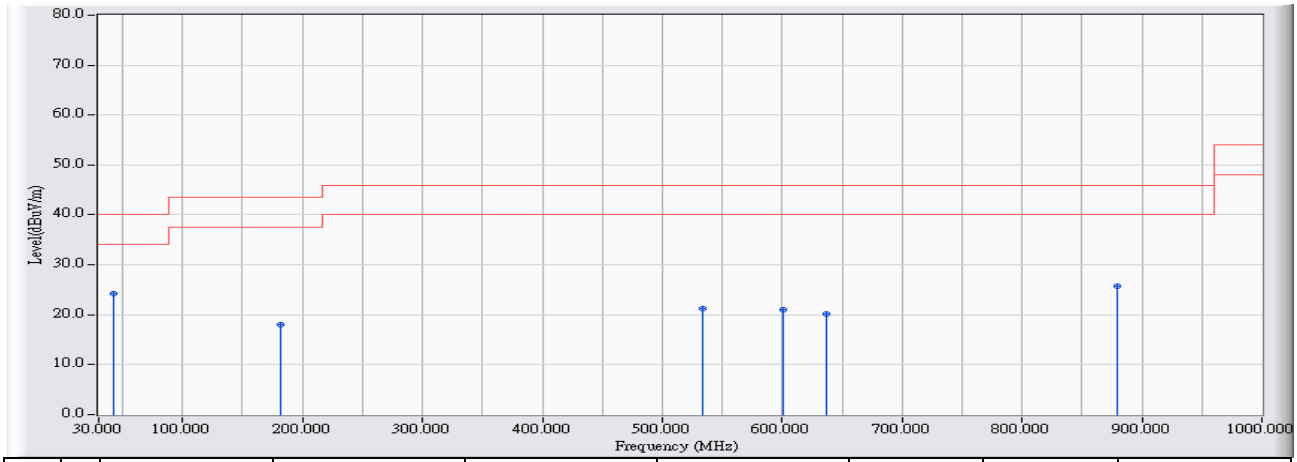


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.540	-22.692	45.797	23.105	-20.395	43.500	QUASIPEAK
2		151.250	-23.428	41.959	18.531	-24.969	43.500	QUASIPEAK
3		399.570	-17.557	37.769	20.212	-25.788	46.000	QUASIPEAK
4		600.360	-15.514	38.238	22.723	-23.277	46.000	QUASIPEAK
5		632.370	-15.352	38.784	23.432	-22.568	46.000	QUASIPEAK
6		800.180	-13.587	37.655	24.069	-21.931	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 : 2014/04/03 - 02:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

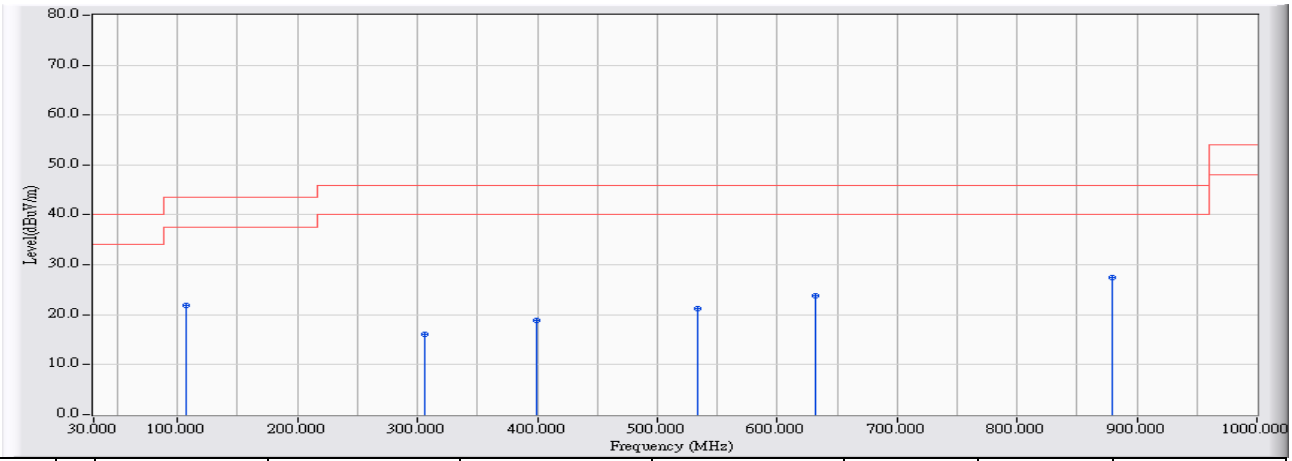


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	48.000	24.310	-15.690	40.000	QUASIPEAK
2		181.320	-24.746	42.675	17.929	-25.571	43.500	QUASIPEAK
3		533.430	-15.584	36.877	21.293	-24.707	46.000	QUASIPEAK
4		600.360	-15.514	36.601	21.086	-24.914	46.000	QUASIPEAK
5		637.220	-15.327	35.509	20.182	-25.818	46.000	QUASIPEAK
6		879.720	-13.380	39.055	25.675	-20.325	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 : 2014/04/03 - 02:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

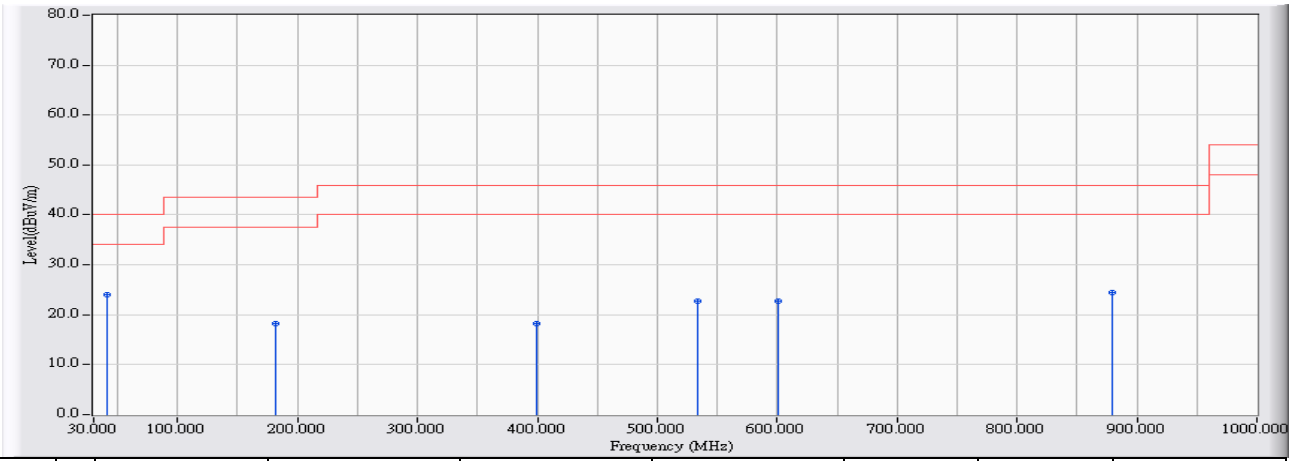


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.600	-22.787	44.584	21.797	-21.703	43.500	QUASIPEAK
2		306.450	-19.887	35.883	15.996	-30.004	46.000	QUASIPEAK
3		399.570	-17.557	36.501	18.944	-27.056	46.000	QUASIPEAK
4		533.430	-15.584	36.777	21.193	-24.807	46.000	QUASIPEAK
5		632.370	-15.352	39.172	23.820	-22.180	46.000	QUASIPEAK
6	*	879.720	-13.380	40.734	27.354	-18.646	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 : 2014/04/03 - 02:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

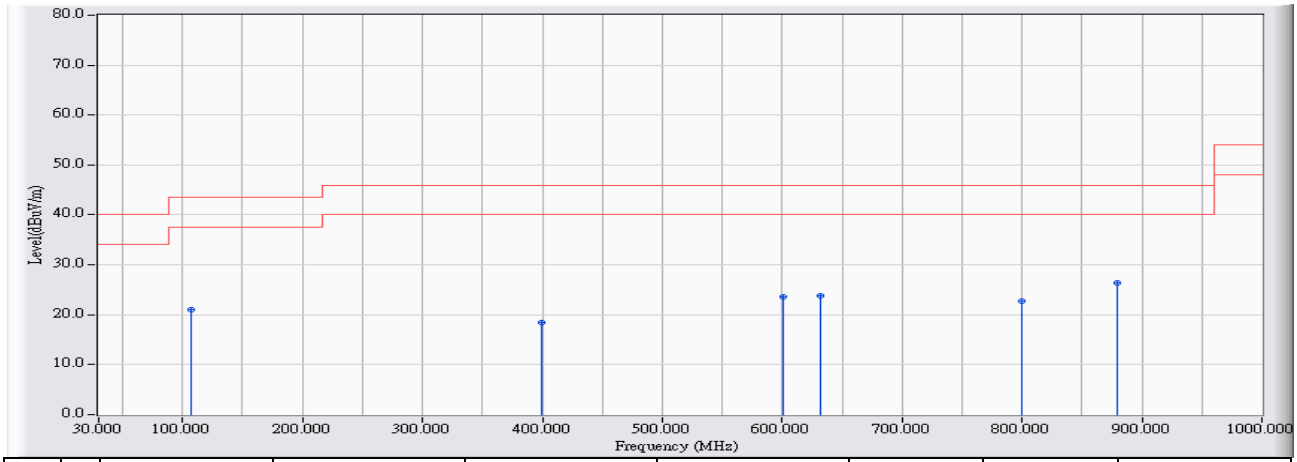


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.640	-23.128	47.111	23.983	-16.017	40.000	QUASIPEAK
2		181.320	-24.746	43.063	18.317	-25.183	43.500	QUASIPEAK
3		399.570	-17.557	35.746	18.189	-27.811	46.000	QUASIPEAK
4		533.430	-15.584	38.301	22.717	-23.283	46.000	QUASIPEAK
5		600.360	-15.514	38.223	22.708	-23.292	46.000	QUASIPEAK
6		879.720	-13.380	37.869	24.489	-21.511	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 : 2014/04/03 - 02:44**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

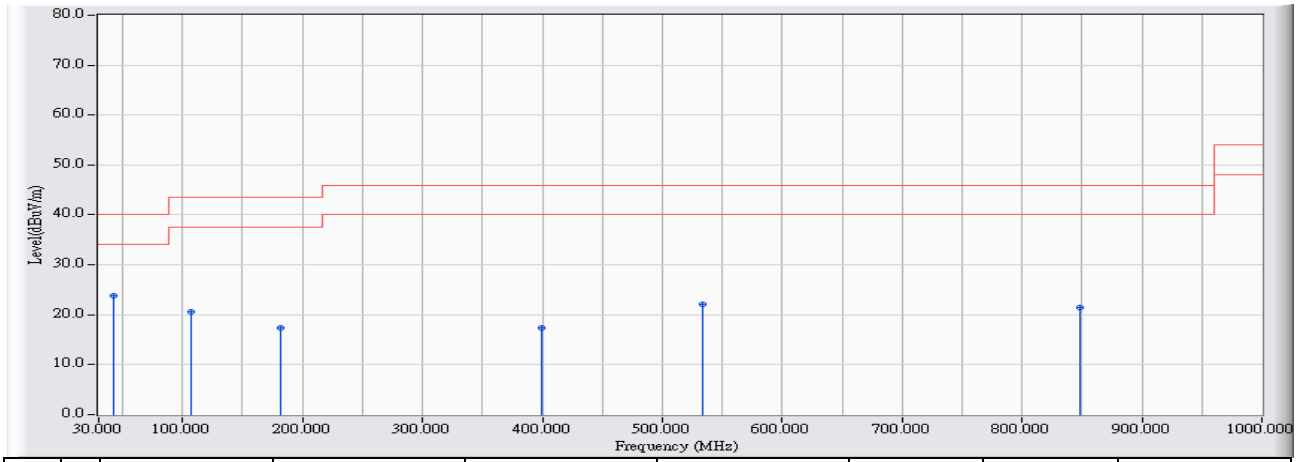


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.600	-22.787	43.831	21.044	-22.456	43.500	QUASIPEAK
2		399.570	-17.557	35.990	18.433	-27.567	46.000	QUASIPEAK
3		600.360	-15.514	39.086	23.571	-22.429	46.000	QUASIPEAK
4		632.370	-15.352	39.096	23.744	-22.256	46.000	QUASIPEAK
5		800.180	-13.587	36.276	22.690	-23.310	46.000	QUASIPEAK
6	*	879.720	-13.380	39.764	26.384	-19.616	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 : 2014/04/03 - 02:44**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

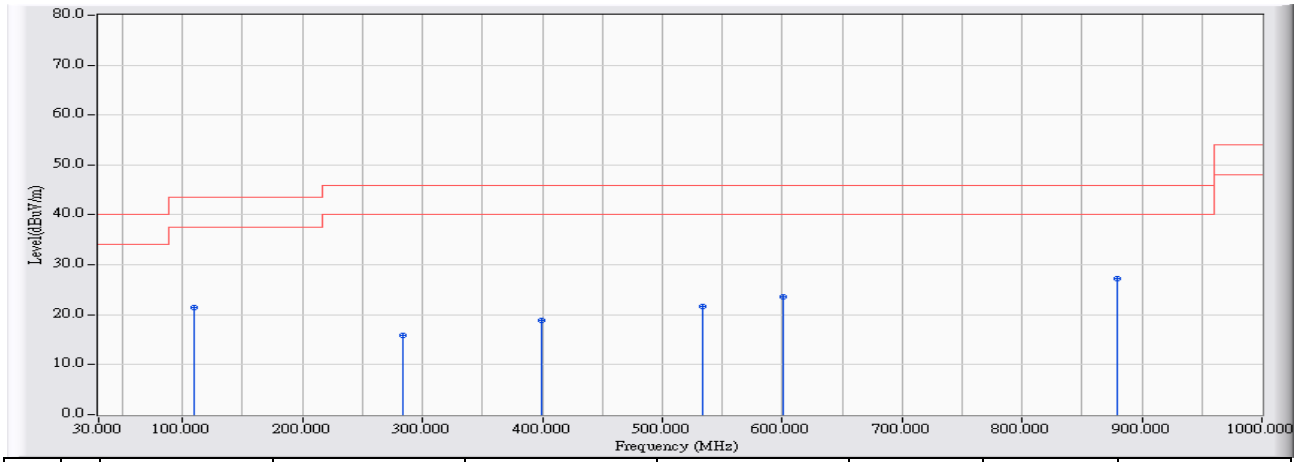


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	47.513	23.823	-16.177	40.000	QUASIPEAK
2		107.600	-22.787	43.369	20.582	-22.918	43.500	QUASIPEAK
3		181.320	-24.746	42.138	17.392	-26.108	43.500	QUASIPEAK
4		399.570	-17.557	35.004	17.447	-28.553	46.000	QUASIPEAK
5		533.430	-15.584	37.578	21.994	-24.006	46.000	QUASIPEAK
6		847.710	-13.463	34.813	21.350	-24.650	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 : 2014/04/03 - 02:44**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

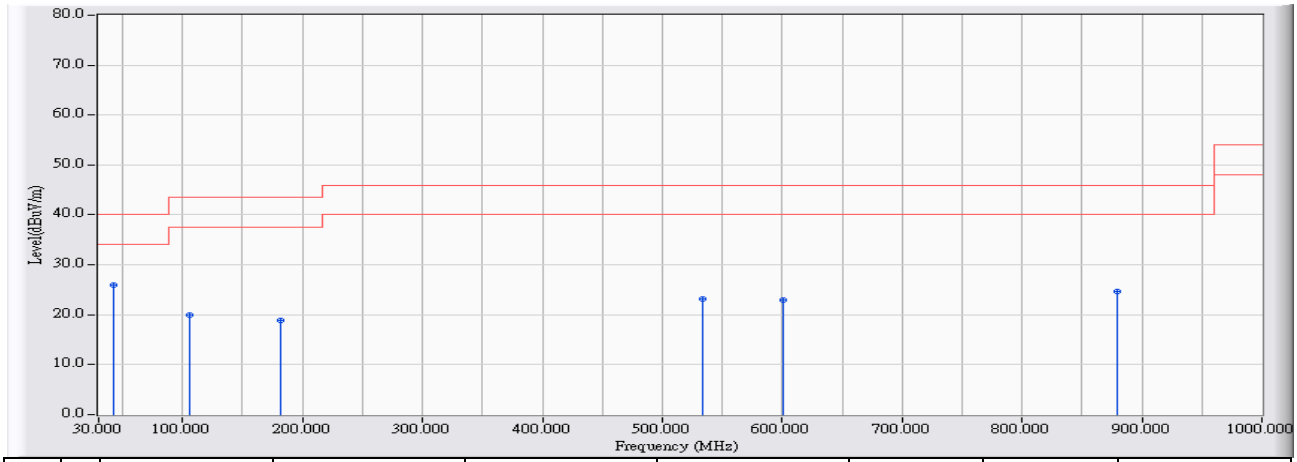


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	44.202	21.510	-21.990	43.500	QUASIPEAK
2		283.170	-20.374	36.303	15.929	-30.071	46.000	QUASIPEAK
3		399.570	-17.557	36.343	18.786	-27.214	46.000	QUASIPEAK
4		533.430	-15.584	37.313	21.729	-24.271	46.000	QUASIPEAK
5		600.360	-15.514	39.192	23.677	-22.323	46.000	QUASIPEAK
6	*	879.720	-13.380	40.634	27.254	-18.746	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 : 2014/04/03 - 02:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

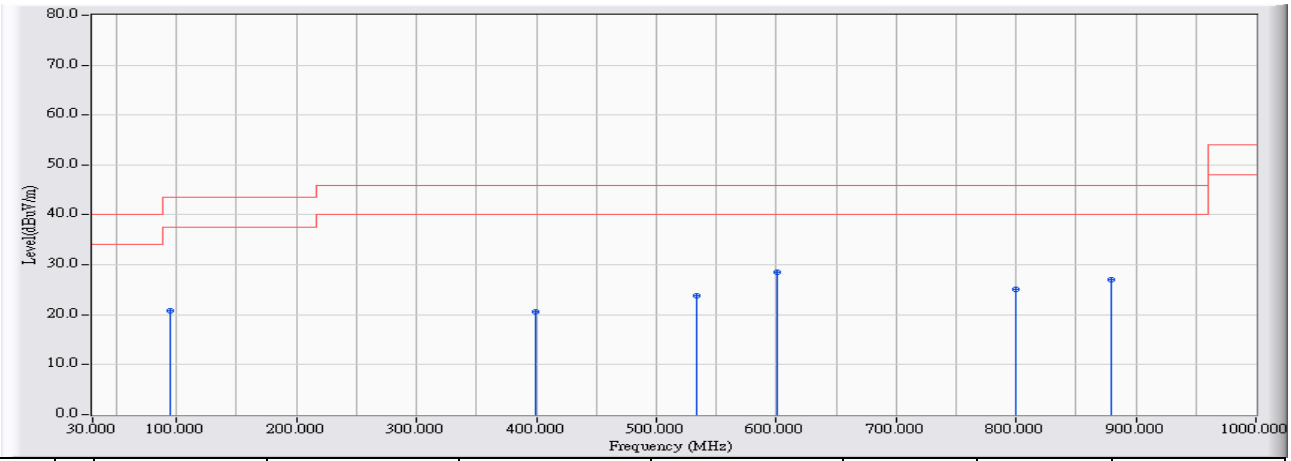


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	49.734	26.044	-13.956	40.000	QUASIPEAK
2		105.660	-22.881	42.721	19.840	-23.660	43.500	QUASIPEAK
3		181.320	-24.746	43.672	18.926	-24.574	43.500	QUASIPEAK
4		533.430	-15.584	38.835	23.251	-22.749	46.000	QUASIPEAK
5		600.360	-15.514	38.535	23.020	-22.980	46.000	QUASIPEAK
6		879.720	-13.380	37.972	24.592	-21.408	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 : 2014/04/03 - 02:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11b_2437MHz**

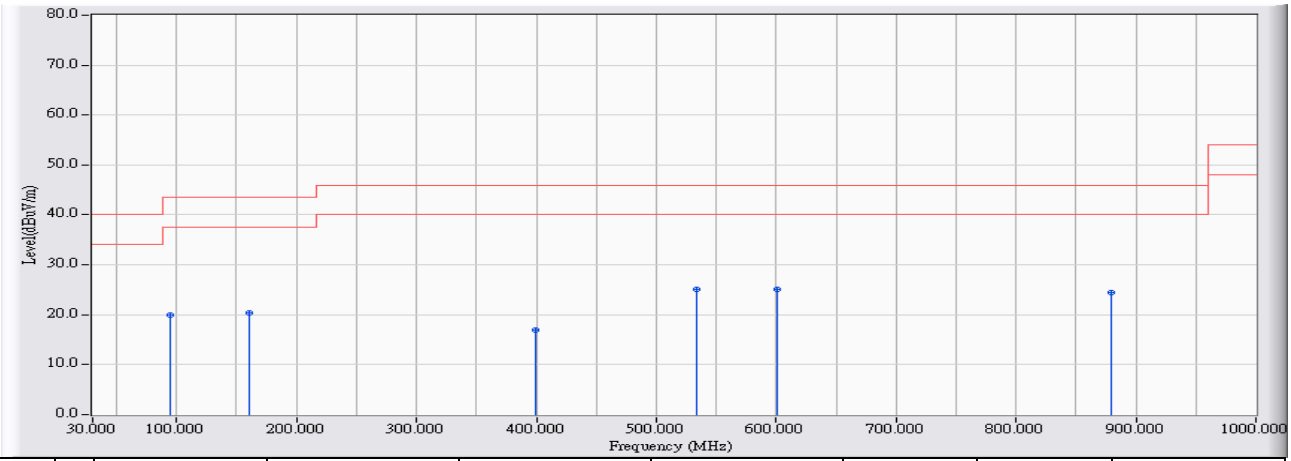


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.990	-24.331	45.193	20.861	-22.639	43.500	QUASIPEAK
2		399.570	-17.557	38.188	20.631	-25.369	46.000	QUASIPEAK
3		533.430	-15.584	39.305	23.721	-22.279	46.000	QUASIPEAK
4	*	600.360	-15.514	44.060	28.545	-17.455	46.000	QUASIPEAK
5		800.180	-13.587	38.691	25.105	-20.895	46.000	QUASIPEAK
6		879.720	-13.380	40.447	27.067	-18.933	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 : 2014/04/03 - 02:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11b_2437MHz**

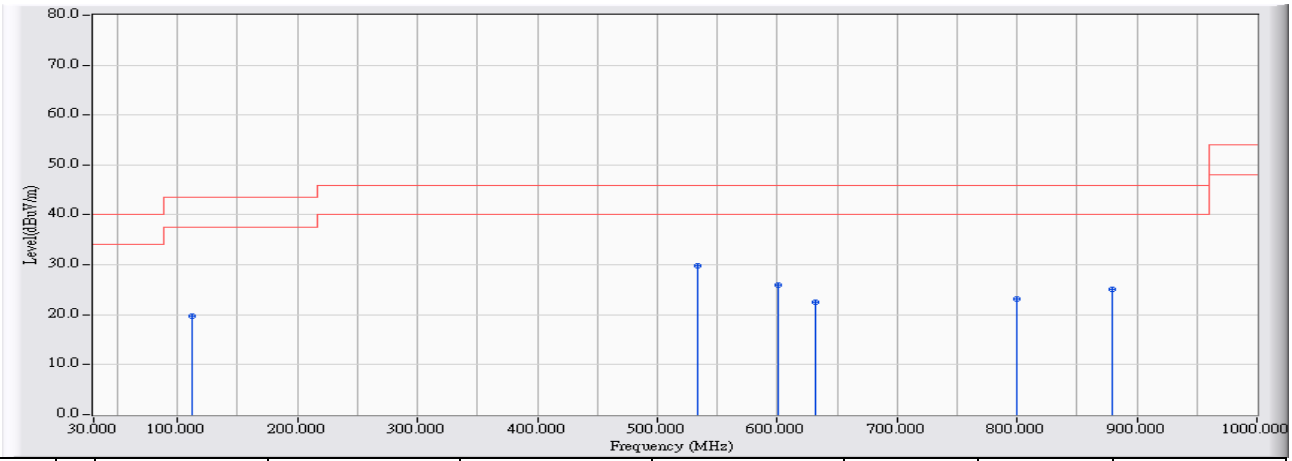


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.990	-24.331	44.359	20.027	-23.473	43.500	QUASIPEAK
2		159.980	-23.863	44.282	20.419	-23.081	43.500	QUASIPEAK
3		399.570	-17.557	34.543	16.986	-29.014	46.000	QUASIPEAK
4	*	533.430	-15.584	40.715	25.131	-20.869	46.000	QUASIPEAK
5		600.360	-15.514	40.567	25.052	-20.948	46.000	QUASIPEAK
6		879.720	-13.380	37.906	24.526	-21.474	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/04/03 - 02:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11g_2437MHz**

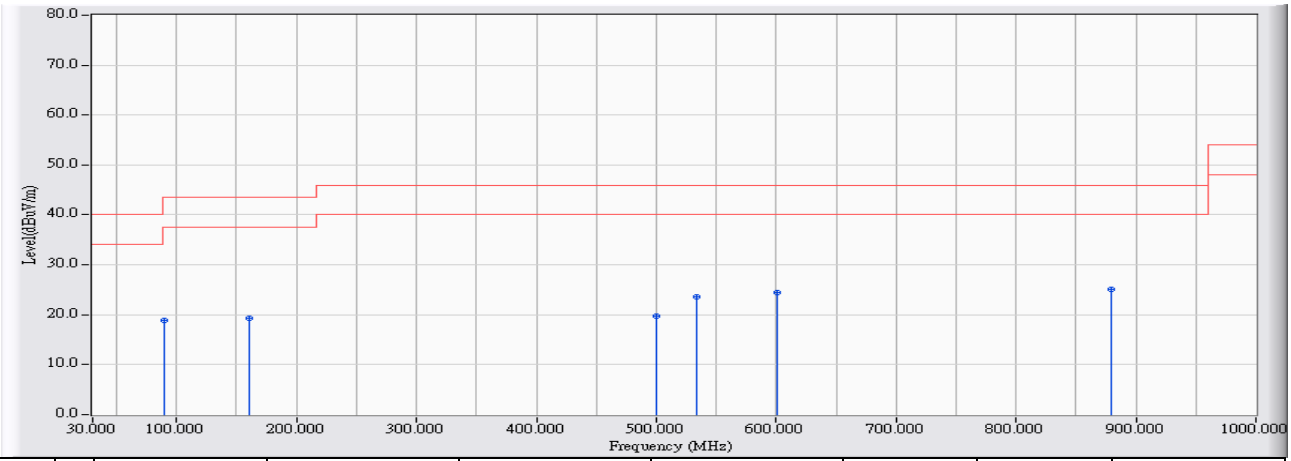


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		111.480	-22.597	42.288	19.690	-23.810	43.500	QUASIPEAK
2	*	533.430	-15.584	45.405	29.821	-16.179	46.000	QUASIPEAK
3		600.360	-15.514	41.527	26.012	-19.988	46.000	QUASIPEAK
4		632.370	-15.352	37.870	22.518	-23.482	46.000	QUASIPEAK
5		800.180	-13.587	36.785	23.199	-22.801	46.000	QUASIPEAK
6		879.720	-13.380	38.487	25.107	-20.893	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 : 2014/04/03 - 02:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11g_2437MHz**

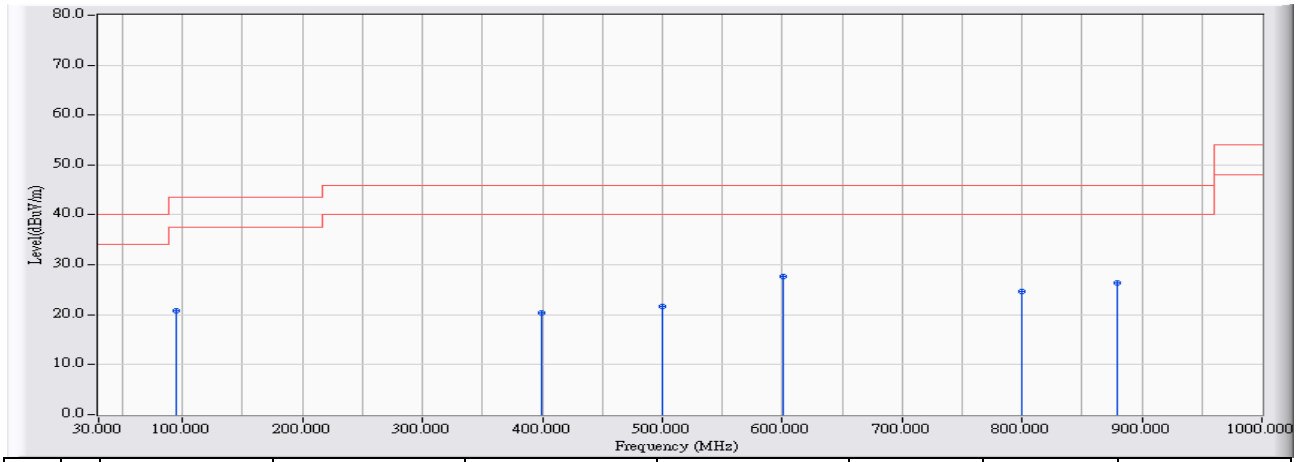


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.170	-25.604	44.557	18.953	-24.547	43.500	QUASIPEAK
2		159.980	-23.863	43.117	19.254	-24.246	43.500	QUASIPEAK
3		500.450	-15.617	35.414	19.797	-26.203	46.000	QUASIPEAK
4		533.430	-15.584	39.280	23.696	-22.304	46.000	QUASIPEAK
5		600.360	-15.514	40.067	24.552	-21.448	46.000	QUASIPEAK
6	*	879.720	-13.380	38.508	25.128	-20.872	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 : 2014/04/03 - 02:47**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11n 20MHz_2437MHz**

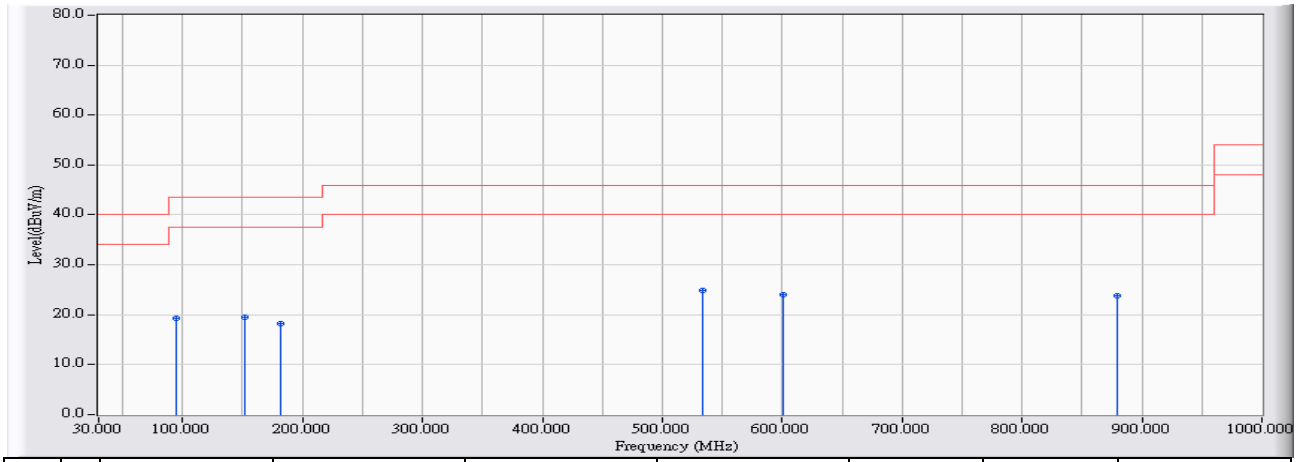


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.990	-24.331	45.052	20.720	-22.780	43.500	QUASIPEAK
2		399.570	-17.557	37.949	20.392	-25.608	46.000	QUASIPEAK
3		500.450	-15.617	37.192	21.575	-24.425	46.000	QUASIPEAK
4	*	600.360	-15.514	43.124	27.609	-18.391	46.000	QUASIPEAK
5		800.180	-13.587	38.295	24.709	-21.291	46.000	QUASIPEAK
6		879.720	-13.380	39.774	26.394	-19.606	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 : 2014/04/03 - 02:47**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11n 20MHz_2437MHz**

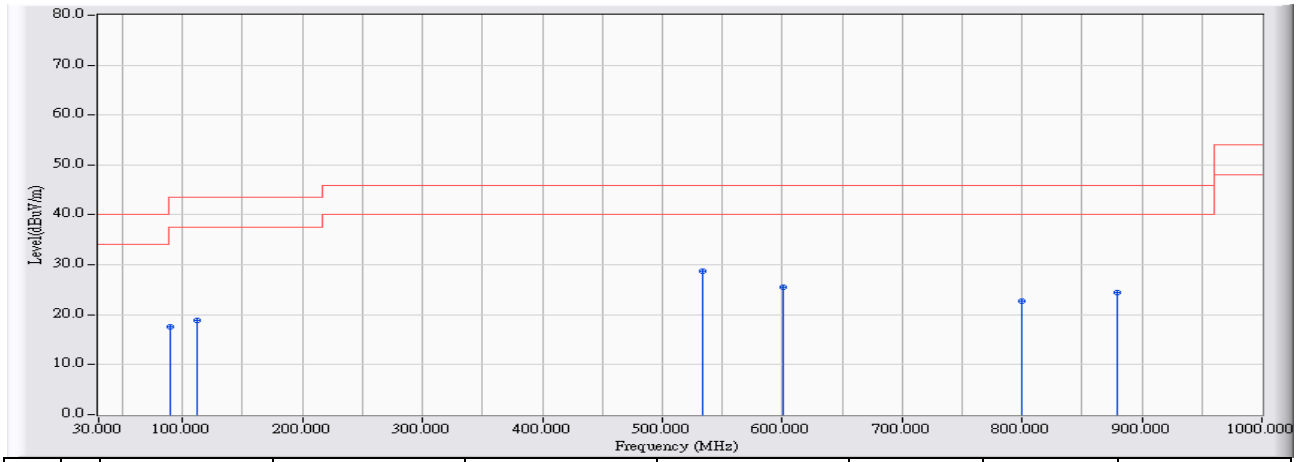


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.990	-24.331	43.691	19.359	-24.141	43.500	QUASIPEAK
2		152.220	-23.476	43.027	19.551	-23.949	43.500	QUASIPEAK
3		181.320	-24.746	42.972	18.226	-25.274	43.500	QUASIPEAK
4	*	533.430	-15.584	40.563	24.979	-21.021	46.000	QUASIPEAK
5		600.360	-15.514	39.643	24.128	-21.872	46.000	QUASIPEAK
6		879.720	-13.380	37.249	23.869	-22.131	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 : 2014/04/03 - 02:48**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11n 40MHz_2437MHz**

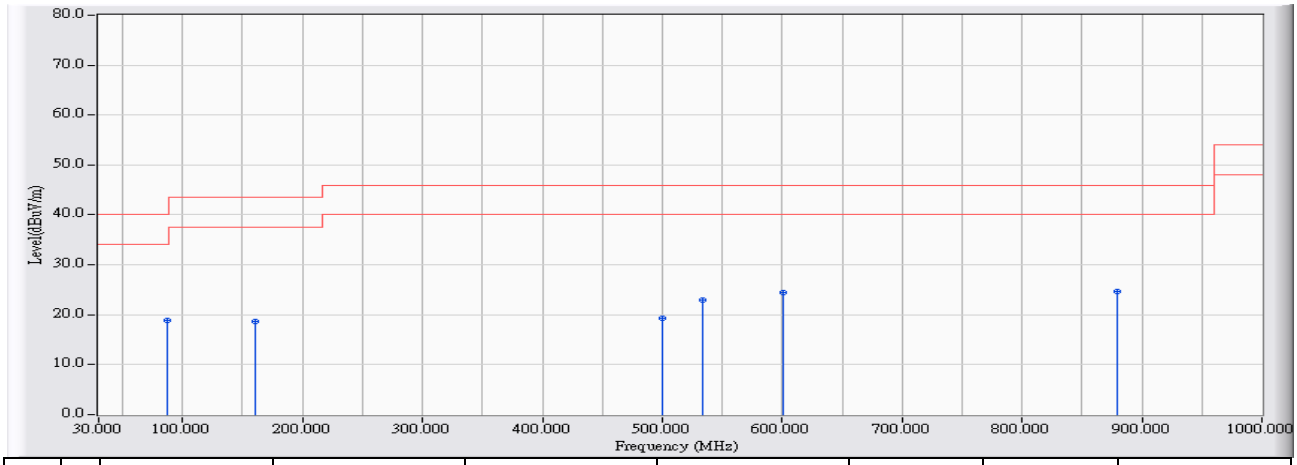


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		89.170	-25.604	43.224	17.620	-25.880	43.500	QUASIPEAK
2		111.480	-22.597	41.489	18.891	-24.609	43.500	QUASIPEAK
3	*	533.430	-15.584	44.406	28.822	-17.178	46.000	QUASIPEAK
4		600.360	-15.514	41.059	25.544	-20.456	46.000	QUASIPEAK
5		800.180	-13.587	36.406	22.820	-23.180	46.000	QUASIPEAK
6		879.720	-13.380	37.911	24.531	-21.469	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 : 2014/04/03 - 02:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode3: Transmit_CDD Mode(Adapter:ITE,MU18-2120125-A1)_802.11n 40MHz_2437MHz**

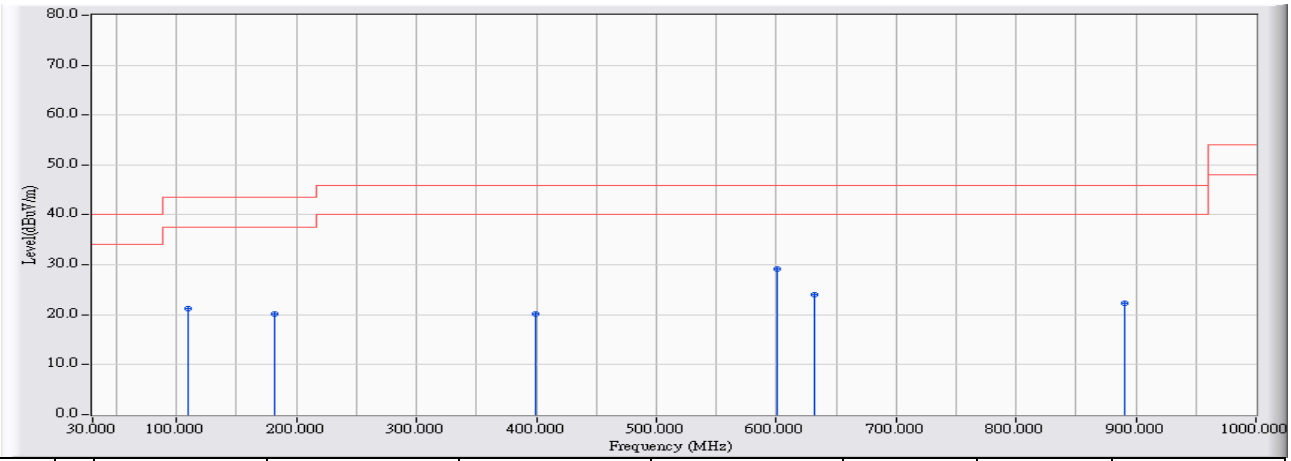


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	87.230	-25.843	44.623	18.780	-21.220	40.000	QUASIPEAK
2		159.980	-23.863	42.624	18.761	-24.739	43.500	QUASIPEAK
3		499.480	-15.628	34.852	19.224	-26.776	46.000	QUASIPEAK
4		533.430	-15.584	38.527	22.943	-23.057	46.000	QUASIPEAK
5		600.360	-15.514	39.934	24.419	-21.581	46.000	QUASIPEAK
6		879.720	-13.380	38.133	24.753	-21.247	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 : 2014/04/03 - 02:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11b_2437MHz**

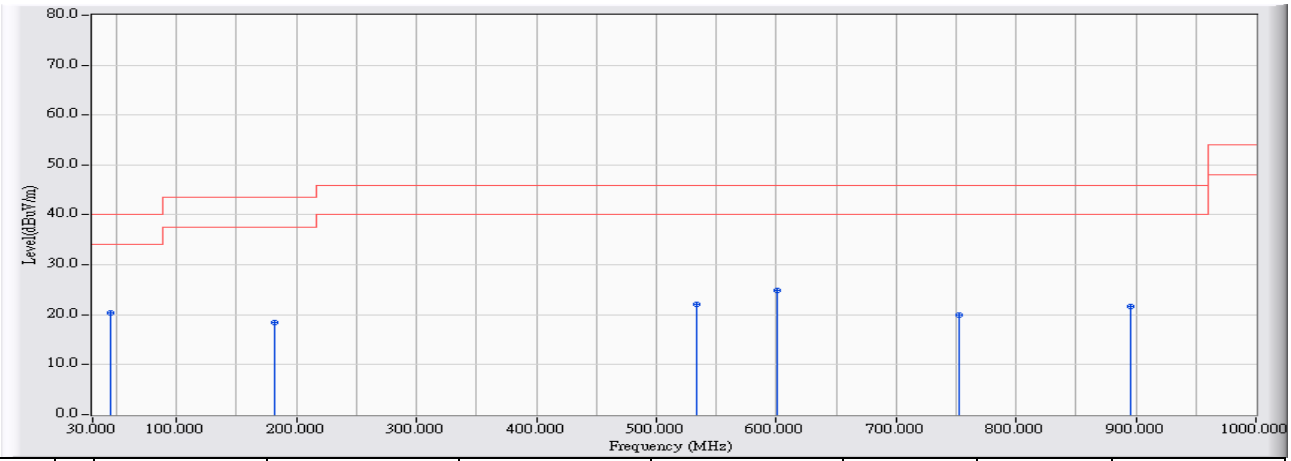


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	43.989	21.297	-22.203	43.500	QUASIPEAK
2		181.320	-24.746	44.948	20.202	-23.298	43.500	QUASIPEAK
3		399.570	-17.557	37.731	20.174	-25.826	46.000	QUASIPEAK
4	*	600.360	-15.514	44.584	29.069	-16.931	46.000	QUASIPEAK
5		632.370	-15.352	39.448	24.096	-21.904	46.000	QUASIPEAK
6		890.390	-13.352	35.579	22.226	-23.774	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 : 2014/04/03 - 02:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11b_2437MHz**

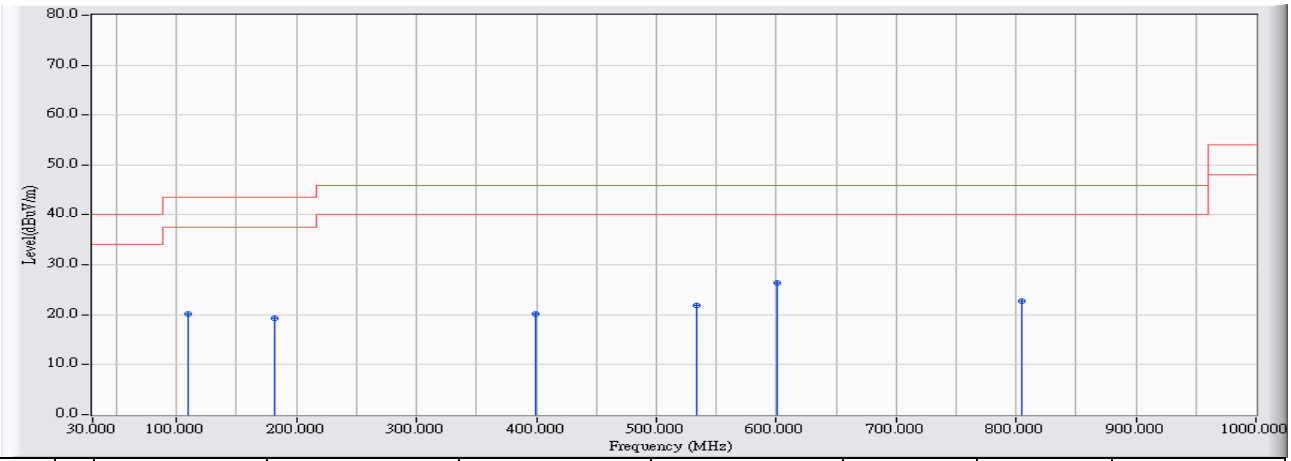


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	44.550	-24.813	45.184	20.371	-19.629	40.000	QUASIPEAK
2		181.320	-24.746	43.148	18.402	-25.098	43.500	QUASIPEAK
3		533.430	-15.584	37.745	22.161	-23.839	46.000	QUASIPEAK
4		600.360	-15.514	40.431	24.916	-21.084	46.000	QUASIPEAK
5		752.650	-14.259	34.223	19.964	-26.036	46.000	QUASIPEAK
6		895.240	-13.340	34.936	21.596	-24.404	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 : 2014/04/03 - 02:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11g_2437MHz**

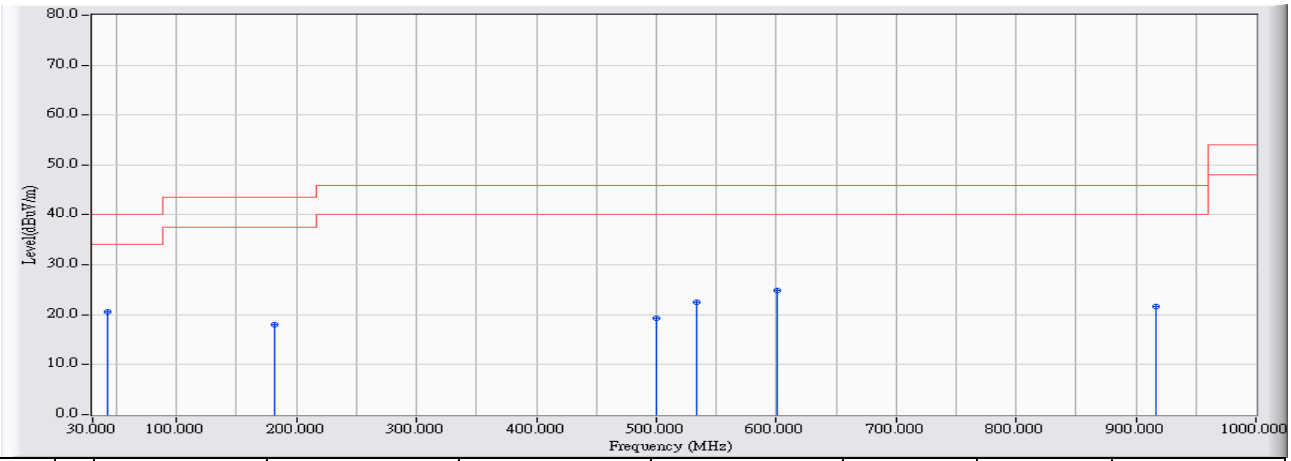


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	42.939	20.247	-23.253	43.500	QUASIPEAK
2		181.320	-24.746	43.957	19.211	-24.289	43.500	QUASIPEAK
3		399.570	-17.557	37.661	20.104	-25.896	46.000	QUASIPEAK
4		533.430	-15.584	37.412	21.828	-24.172	46.000	QUASIPEAK
5	*	600.360	-15.514	41.972	26.457	-19.543	46.000	QUASIPEAK
6		805.030	-13.573	36.373	22.800	-23.200	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 : 2014/04/03 - 02:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11g_2437MHz**

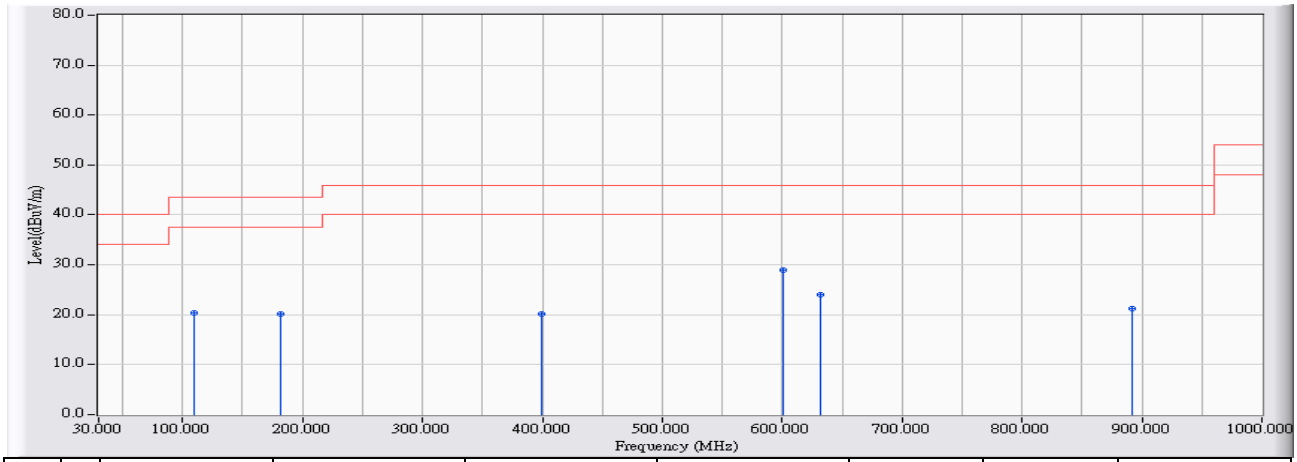


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.610	-23.689	44.351	20.661	-19.339	40.000	QUASIPEAK
2		181.320	-24.746	42.783	18.037	-25.463	43.500	QUASIPEAK
3		500.450	-15.617	34.963	19.346	-26.654	46.000	QUASIPEAK
4		533.430	-15.584	38.008	22.424	-23.576	46.000	QUASIPEAK
5		600.360	-15.514	40.485	24.970	-21.030	46.000	QUASIPEAK
6		916.580	-13.209	34.781	21.572	-24.428	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 : 2014/04/03 - 02:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11n 20MHz_2437MHz**

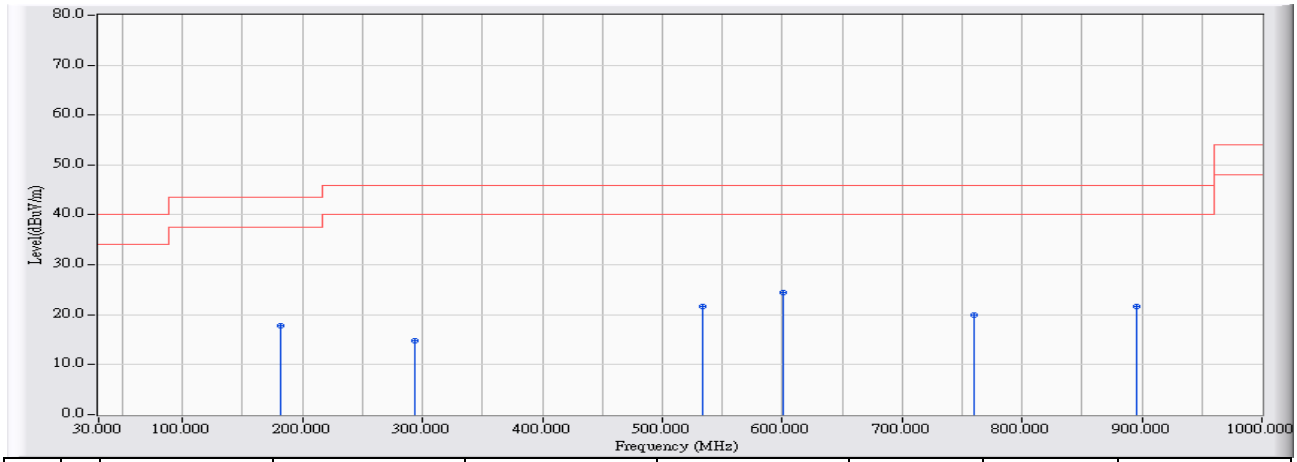


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	43.173	20.481	-23.019	43.500	QUASIPEAK
2		181.320	-24.746	44.854	20.108	-23.392	43.500	QUASIPEAK
3		399.570	-17.557	37.661	20.104	-25.896	46.000	QUASIPEAK
4	*	600.360	-15.514	44.546	29.031	-16.969	46.000	QUASIPEAK
5		632.370	-15.352	39.383	24.031	-21.969	46.000	QUASIPEAK
6		892.330	-13.348	34.586	21.238	-24.762	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 : 2014/04/03 - 02:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11n 20MHz_2437MHz**

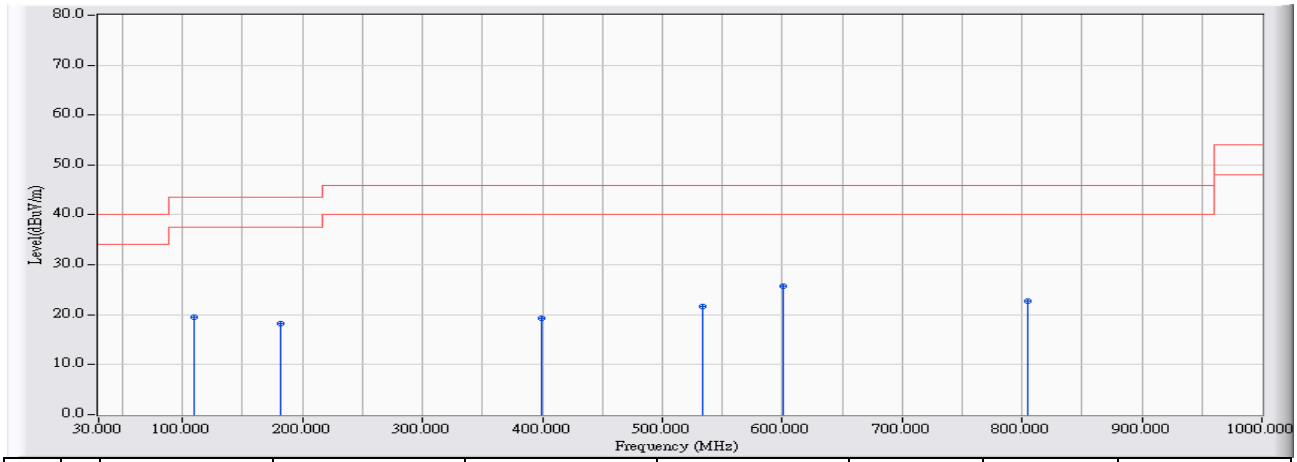


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		181.320	-24.746	42.639	17.893	-25.607	43.500	QUASIPEAK
2		293.840	-20.167	35.042	14.875	-31.125	46.000	QUASIPEAK
3		533.430	-15.584	37.337	21.753	-24.247	46.000	QUASIPEAK
4	*	600.360	-15.514	39.948	24.433	-21.567	46.000	QUASIPEAK
5		759.440	-14.162	34.170	20.007	-25.993	46.000	QUASIPEAK
6		895.240	-13.340	34.896	21.556	-24.444	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 : 2014/04/03 - 02:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11n 40MHz_2437MHz**

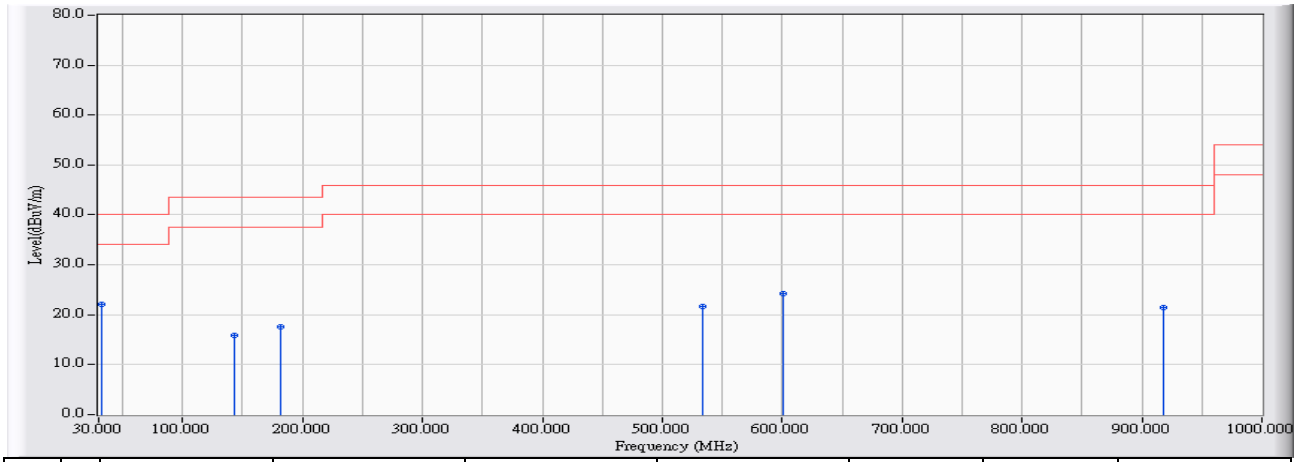


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.540	-22.692	42.108	19.416	-24.084	43.500	QUASIPEAK
2		181.320	-24.746	43.032	18.286	-25.214	43.500	QUASIPEAK
3		399.570	-17.557	36.761	19.204	-26.796	46.000	QUASIPEAK
4		533.430	-15.584	37.282	21.698	-24.302	46.000	QUASIPEAK
5	*	600.360	-15.514	41.315	25.800	-20.200	46.000	QUASIPEAK
6		805.030	-13.573	36.353	22.780	-23.220	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 : 2014/04/03 - 02:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/ 60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode4: Transmit_CDD Mode(Adapter:ITE,MU18-R120150-A1)_802.11n 40MHz_2437MHz**



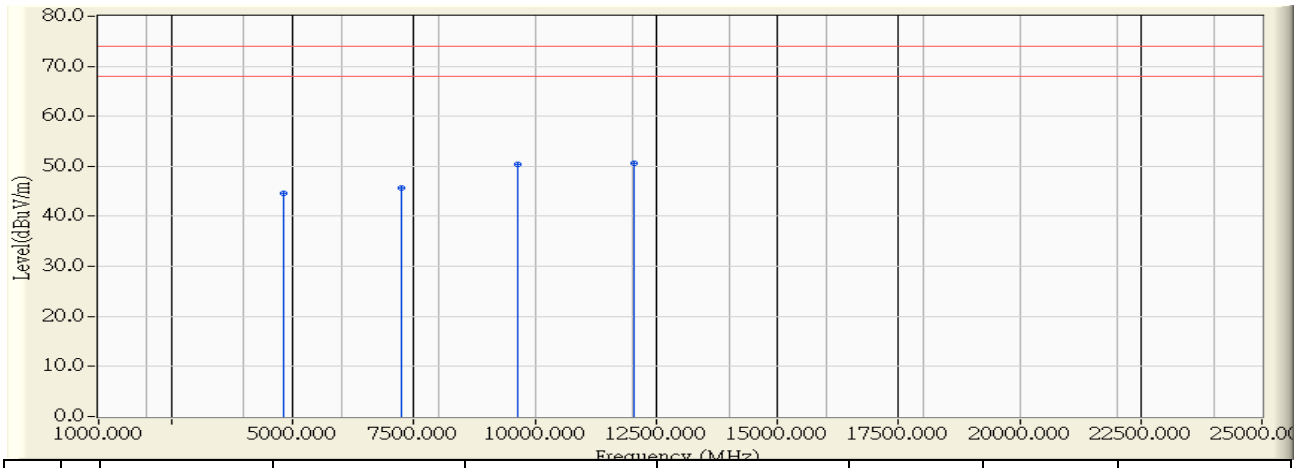
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.910	-19.601	41.628	22.027	-17.973	40.000	QUASIPEAK
2		143.490	-23.042	38.994	15.952	-27.548	43.500	QUASIPEAK
3		181.320	-24.746	42.364	17.618	-25.882	43.500	QUASIPEAK
4		533.430	-15.584	37.297	21.713	-24.287	46.000	QUASIPEAK
5		600.360	-15.514	39.809	24.294	-21.706	46.000	QUASIPEAK
6		917.550	-13.203	34.632	21.430	-24.570	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 : 2014/03/20 - 19:30**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router **2.4GHz 600Mbps High Power Router**	**Note : Mode1: Transmit_CDD** **Mode(Adapter:CWT,CAP018121)_802.11b_2412MHz**

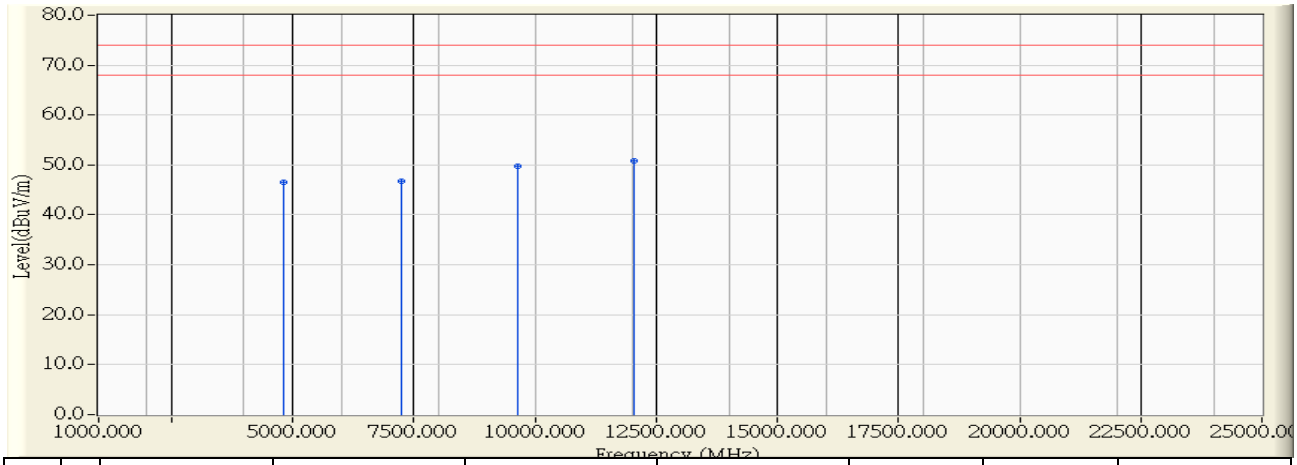


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.617	45.310	44.693	-29.307	74.000	PEAK
2		7236.000	5.445	40.260	45.705	-28.295	74.000	PEAK
3		9648.000	9.226	41.210	50.436	-23.564	74.000	PEAK
4	*	12060.000	11.115	39.540	50.655	-23.345	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 : 2014/03/20 - 19:35**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2412MHz**

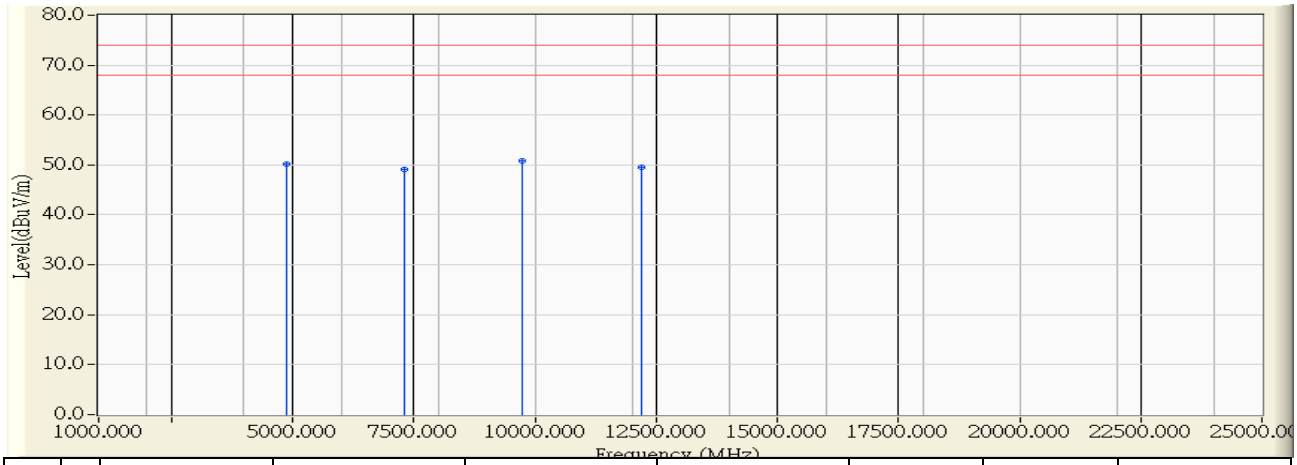


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.617	47.210	46.593	-27.407	74.000	PEAK
2		7236.000	5.445	41.310	46.755	-27.245	74.000	PEAK
3		9648.000	9.226	40.550	49.776	-24.224	74.000	PEAK
4	*	12060.000	11.115	39.660	50.775	-23.225	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 : 2014/03/20 - 19:55**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz**

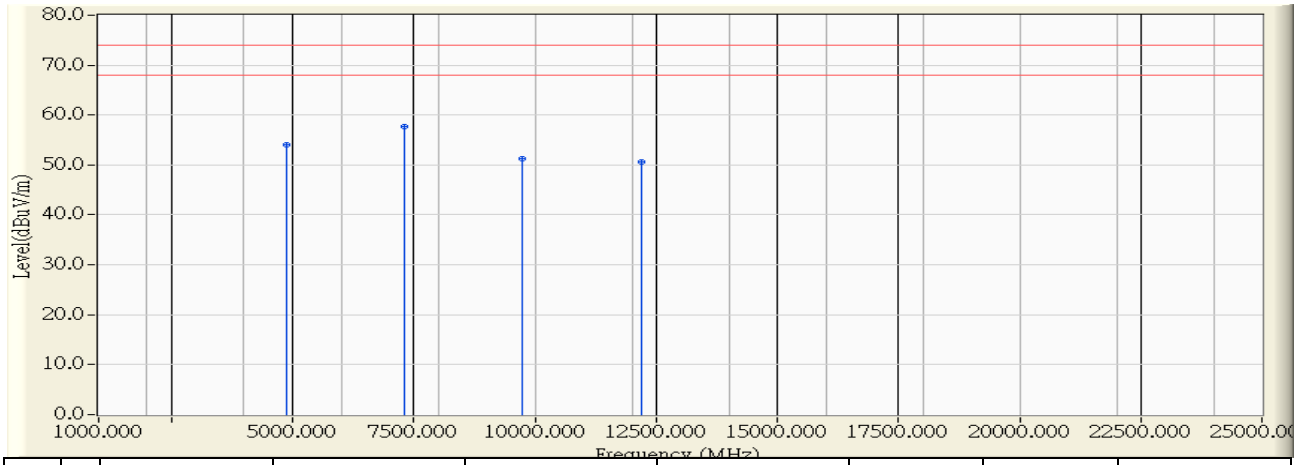


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	50.670	50.175	-23.825	74.000	PEAK
2		7311.000	5.608	43.520	49.127	-24.873	74.000	PEAK
3	*	9748.000	9.873	41.050	50.923	-23.077	74.000	PEAK
4		12185.000	11.058	38.560	49.618	-24.382	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 : 2014/03/20 - 19:39**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz**

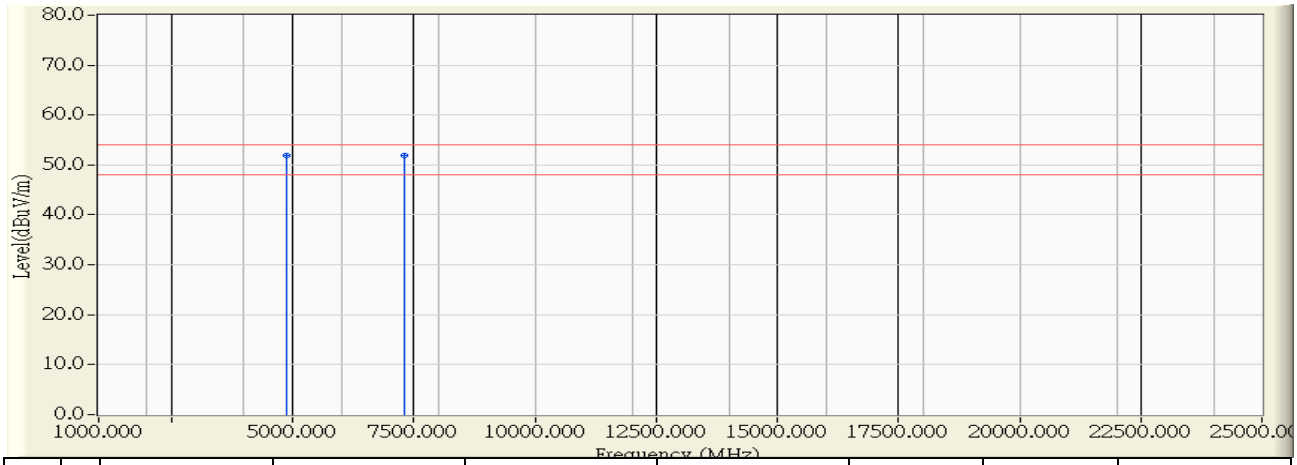


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	54.480	53.985	-20.015	74.000	PEAK
2	*	7311.000	5.608	52.000	57.607	-16.393	74.000	PEAK
3		9748.000	9.873	41.300	51.173	-22.827	74.000	PEAK
4		12185.000	11.058	39.530	50.588	-23.412	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 : 2014/03/20 - 19:39**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz**

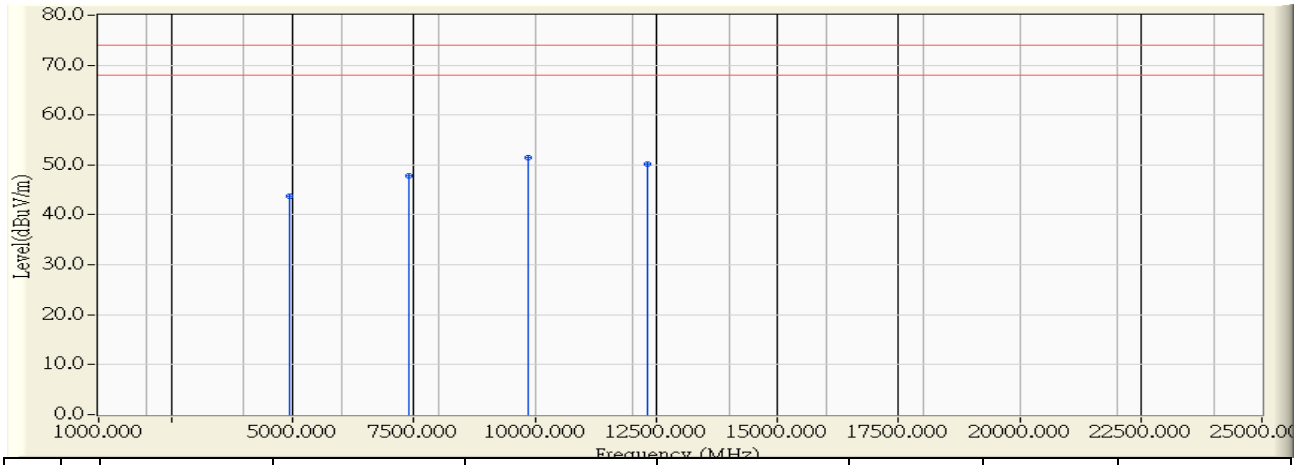


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	52.390	51.895	-2.105	54.000	AVERAGE
2	*	7311.000	5.608	46.310	51.917	-2.083	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/03/20 - 20:20**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2462MHz**

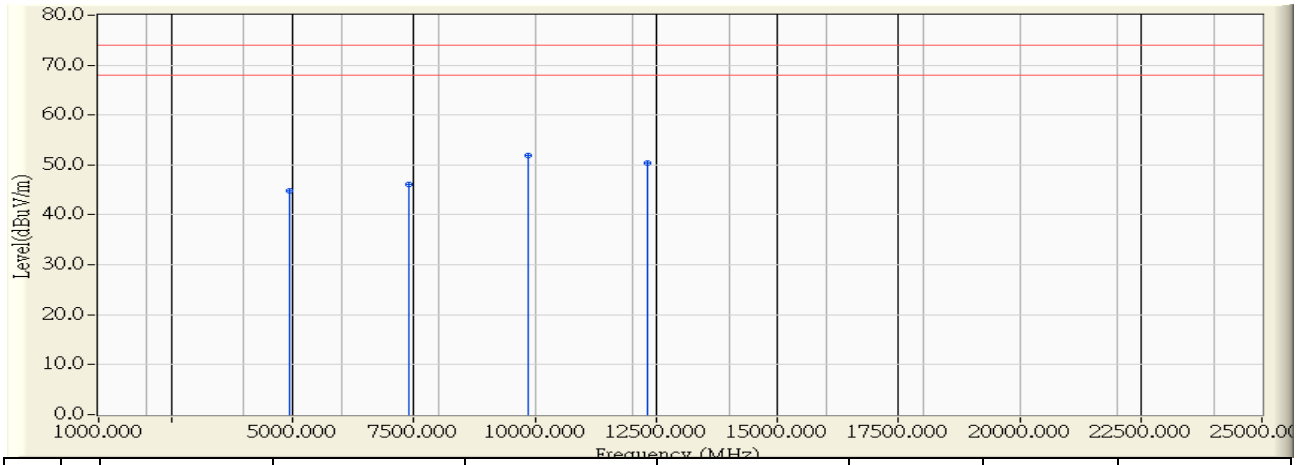


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.373	44.020	43.647	-30.353	74.000	PEAK
2		7386.000	5.770	41.960	47.730	-26.270	74.000	PEAK
3	*	9848.000	10.521	40.910	51.431	-22.569	74.000	PEAK
4		12310.000	11.001	39.290	50.291	-23.709	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 : 2014/03/20 - 20:17**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2462MHz**

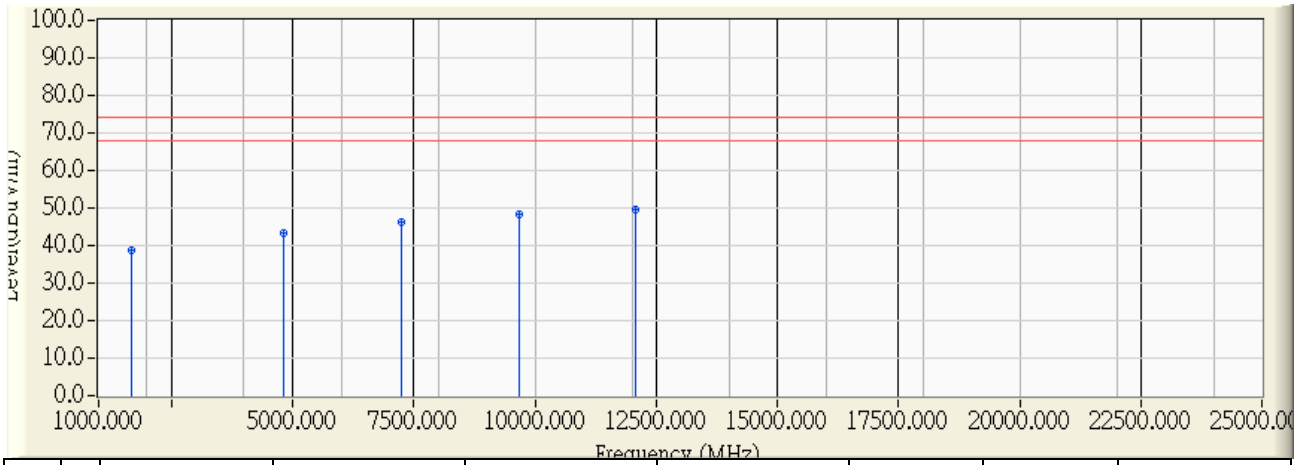


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.373	45.240	44.867	-29.133	74.000	PEAK
2		7386.000	5.770	40.440	46.210	-27.790	74.000	PEAK
3	*	9848.000	10.521	41.440	51.961	-22.039	74.000	PEAK
4		12310.000	11.001	39.340	50.341	-23.659	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 : 2014/04/01 - 19:32**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz**

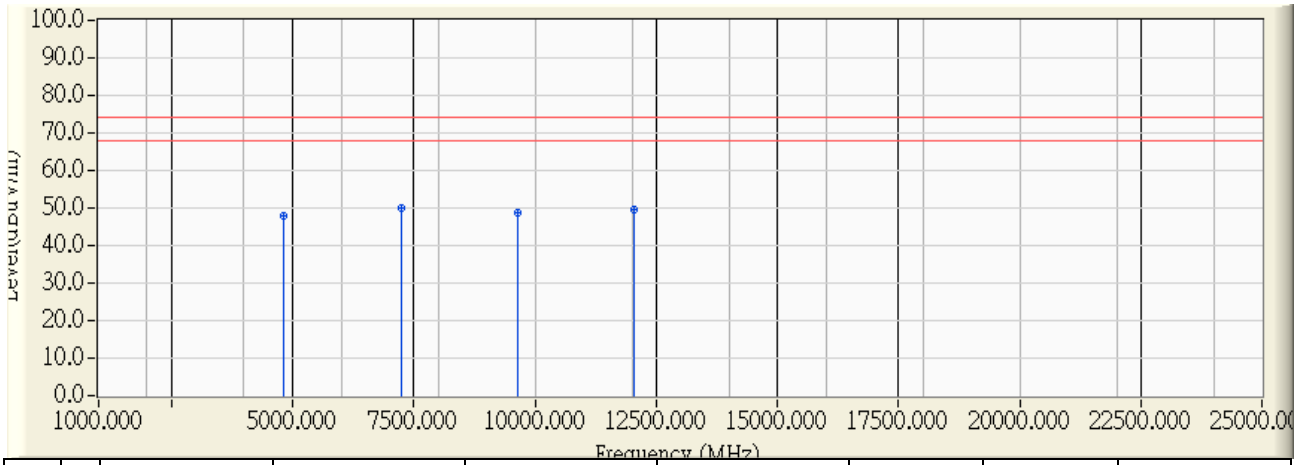


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1687.000	-8.545	47.450	38.905	-35.095	74.000	PEAK
2		4830.225	-0.602	43.830	43.229	-30.771	74.000	PEAK
3		7241.085	5.456	40.670	46.126	-27.874	74.000	PEAK
4		9661.800	9.316	39.030	48.345	-25.655	74.000	PEAK
5	*	12071.235	11.110	38.390	49.500	-24.500	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 : 2014/04/01 - 19:43**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz**

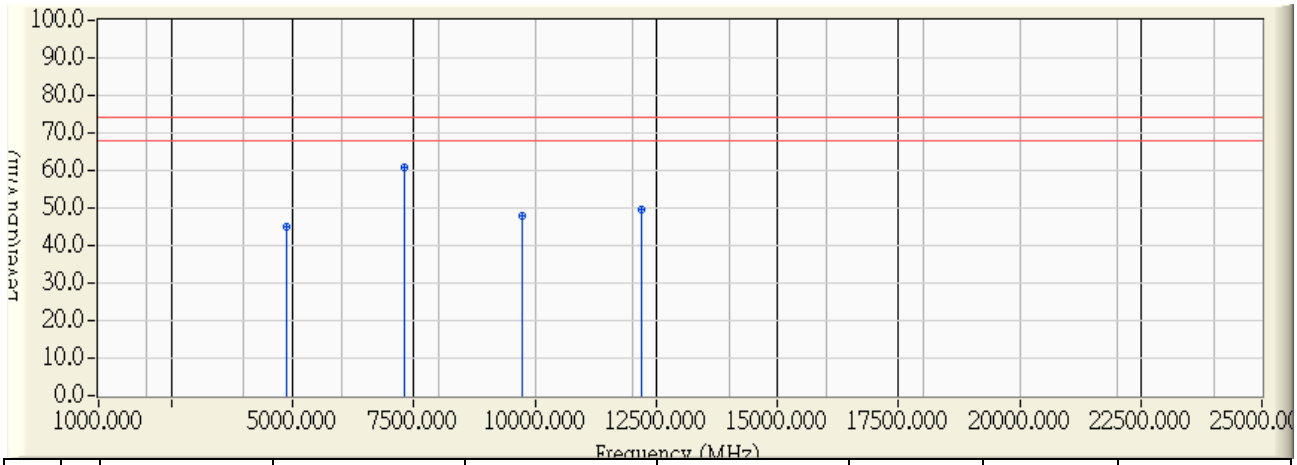


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4822.575	-0.619	48.360	47.740	-26.260	74.000	PEAK
2	*	7232.750	5.438	44.430	49.868	-24.132	74.000	PEAK
3		9645.875	9.211	39.400	48.612	-25.388	74.000	PEAK
4		12050.187	11.120	38.540	49.660	-24.340	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 : 2014/04/01 - 19:52**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

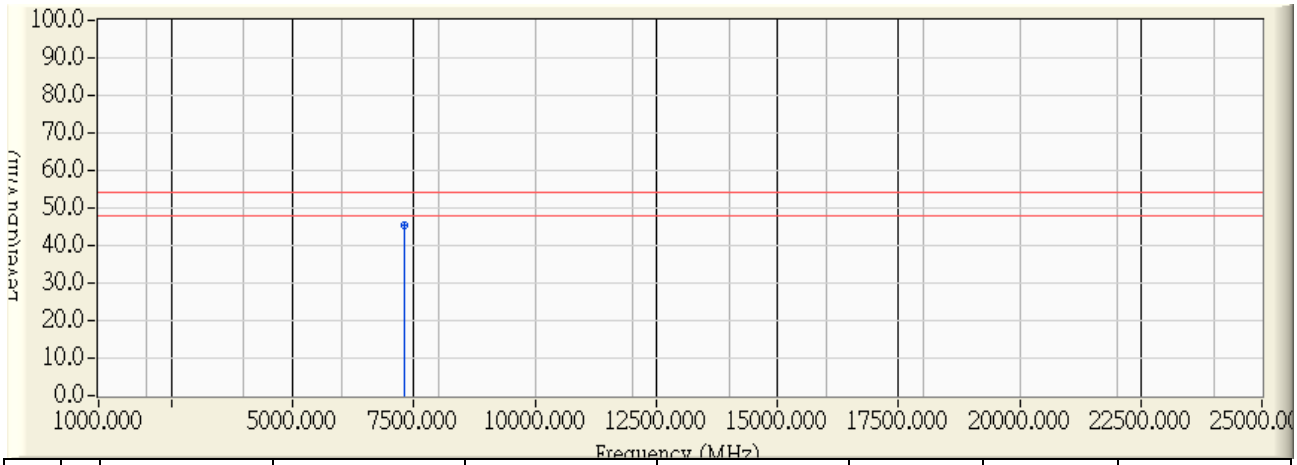


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4871.125	-0.502	45.700	45.198	-28.802	74.000	PEAK
2	*	7316.250	5.619	55.100	60.719	-13.281	74.000	PEAK
3		9748.124	9.874	38.100	47.974	-26.026	74.000	PEAK
4		12207.061	11.048	38.480	49.528	-24.472	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 : 2014/04/01 - 19:53**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

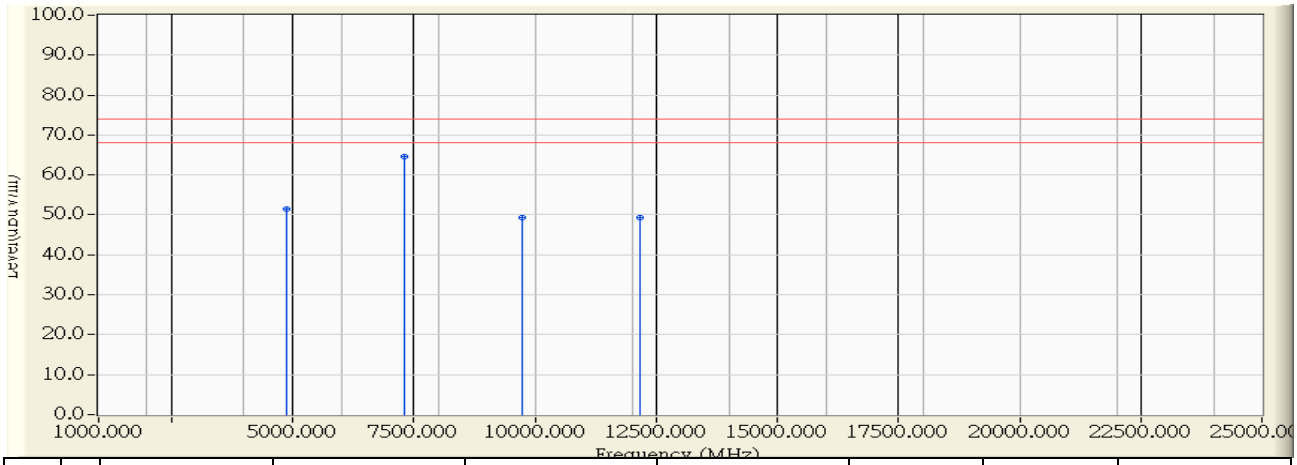


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7306.875	5.599	39.901	45.500	-8.500	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/04/01 - 20:04**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

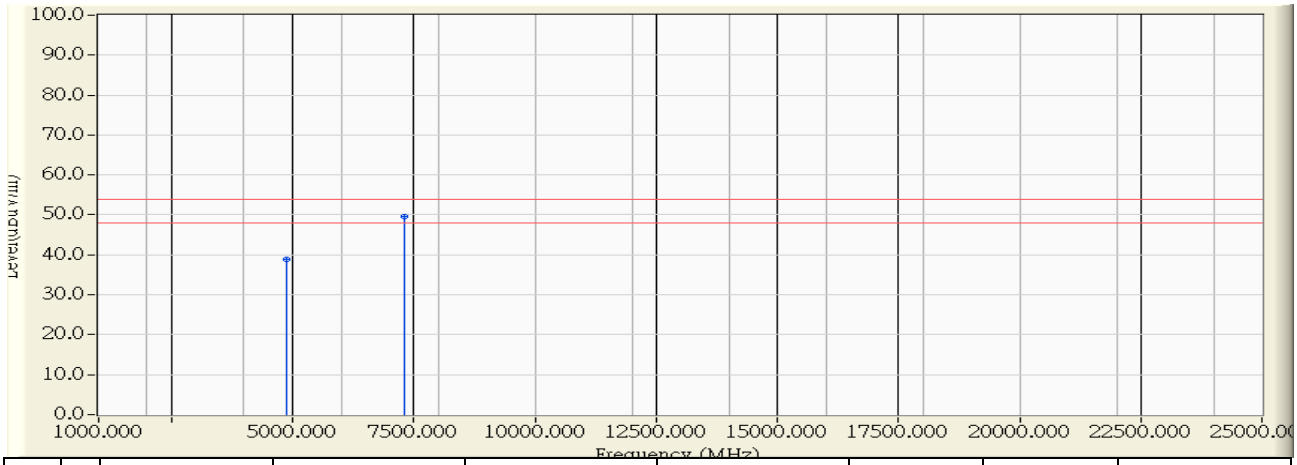


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4876.562	-0.488	51.960	51.472	-22.528	74.000	PEAK
2	*	7307.000	5.599	59.057	64.656	-9.344	74.000	PEAK
3		9748.375	9.875	39.530	49.406	-24.594	74.000	PEAK
4		12180.812	11.061	38.360	49.420	-24.580	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 : 2014/04/01 - 20:05**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

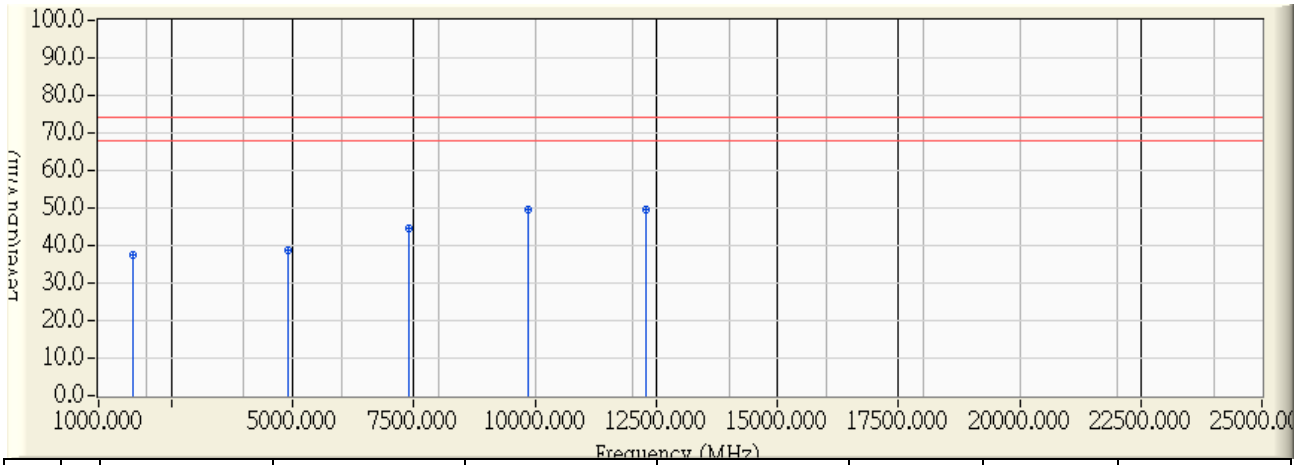


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4876.187	-0.490	39.290	38.801	-15.199	54.000	AVERAGE
2	*	7306.800	5.599	44.031	49.629	-4.371	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/04/01 - 20:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz**

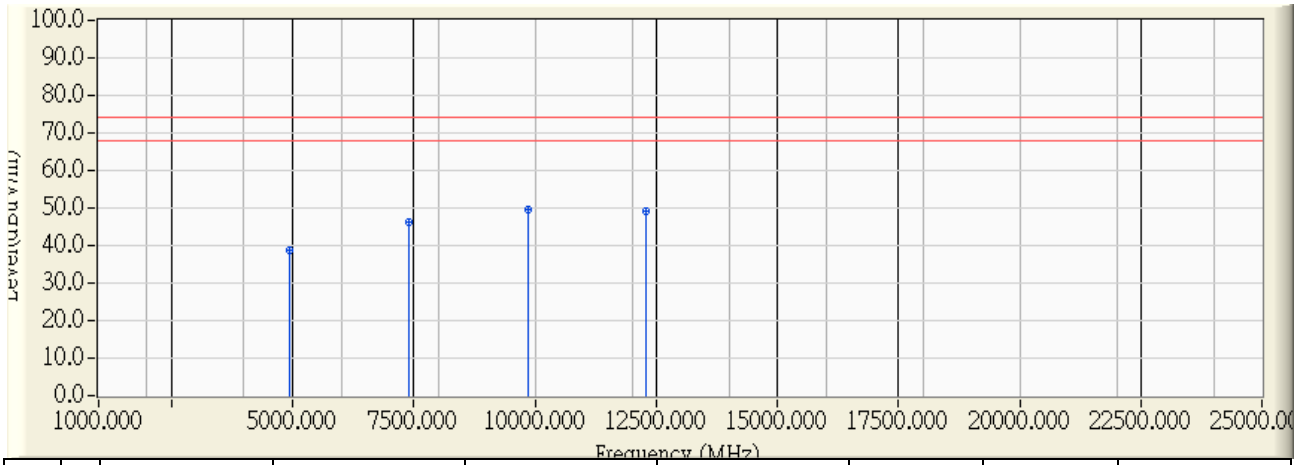


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1693.750	-8.524	46.110	37.586	-36.414	74.000	PEAK
2		4922.825	-0.375	39.140	38.764	-35.236	74.000	PEAK
3		7388.925	5.776	38.840	44.616	-29.384	74.000	PEAK
4	*	9867.062	10.644	39.100	49.744	-24.256	74.000	PEAK
5		12286.250	11.012	38.490	49.502	-24.498	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 : 2014/04/01 - 20:24**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz**

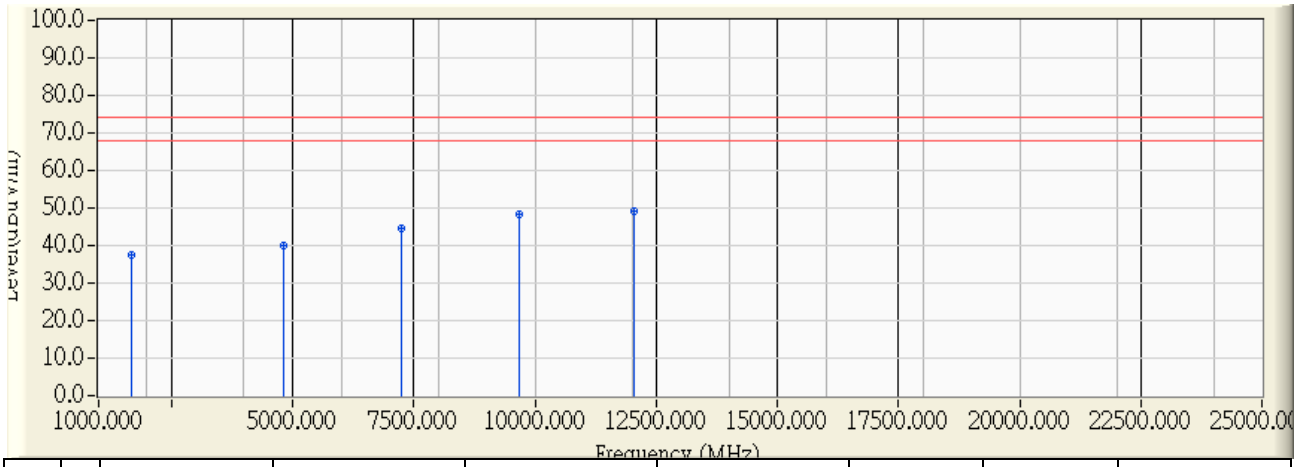


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4928.187	-0.362	39.180	38.817	-35.183	74.000	PEAK
2		7391.000	5.781	40.480	46.261	-27.739	74.000	PEAK
3	*	9847.687	10.518	39.120	49.639	-24.361	74.000	PEAK
4		12305.562	11.003	38.200	49.203	-24.797	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 : 2014/04/01 - 20:33**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz**

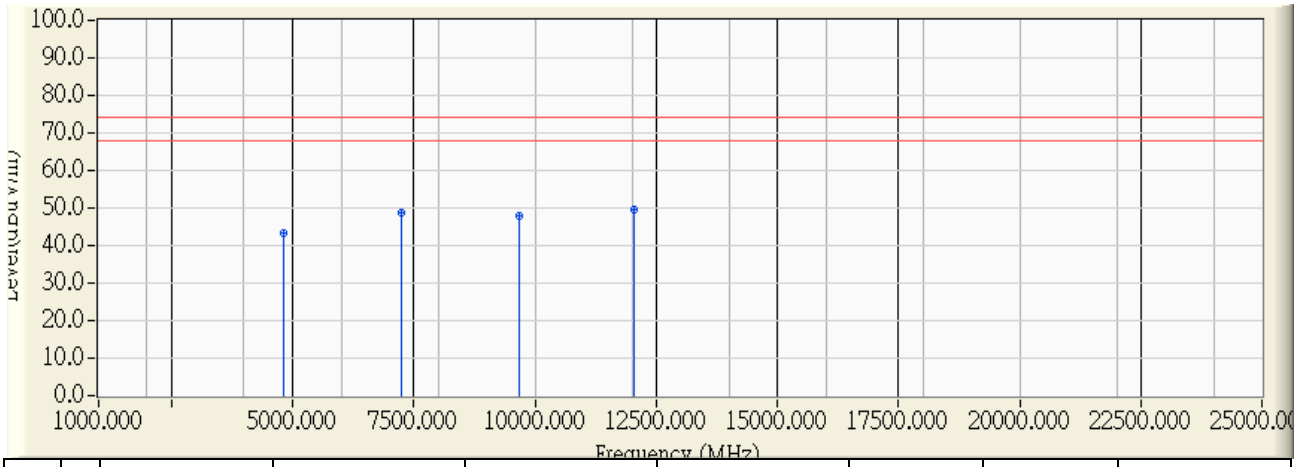


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1690.000	-8.536	45.850	37.314	-36.686	74.000	PEAK
2		4815.875	-0.636	40.570	39.934	-34.066	74.000	PEAK
3		7259.375	5.496	39.230	44.726	-29.274	74.000	PEAK
4		9665.875	9.341	38.820	48.161	-25.839	74.000	PEAK
5	*	12057.187	11.117	38.210	49.327	-24.673	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 : 2014/04/01 - 20:39**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz**

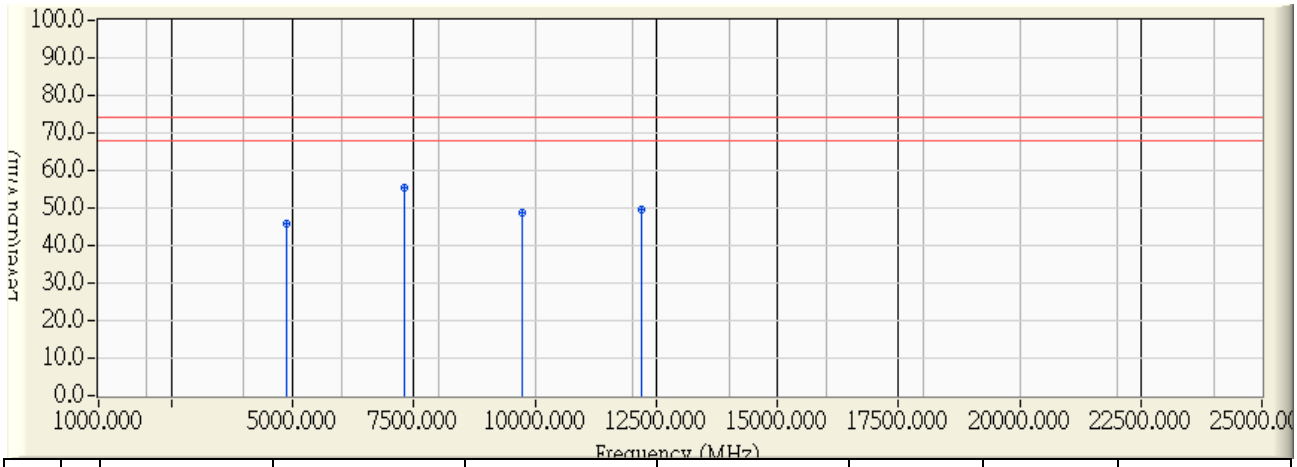


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.812	-0.617	44.140	43.523	-30.477	74.000	PEAK
2		7247.375	5.471	43.150	48.620	-25.380	74.000	PEAK
3		9665.625	9.340	38.620	47.960	-26.040	74.000	PEAK
4	*	12057.000	11.117	38.670	49.787	-24.213	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 : 2014/04/01 - 20:45**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

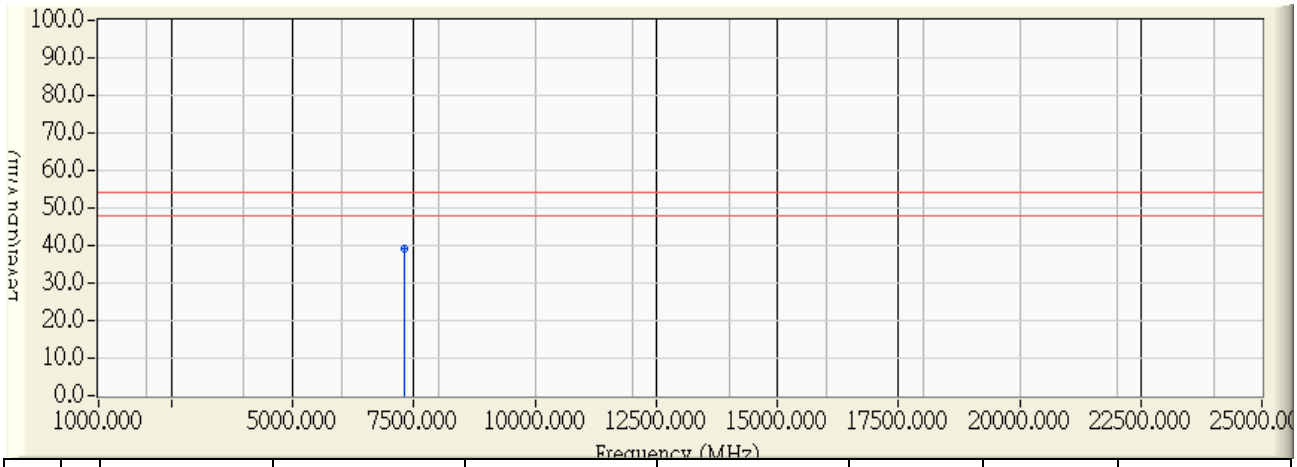


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4876.500	-0.488	46.480	45.992	-28.008	74.000	PEAK
2	*	7312.500	5.611	49.700	55.311	-18.689	74.000	PEAK
3		9741.062	9.828	39.010	48.838	-25.162	74.000	PEAK
4		12185.312	11.058	38.480	49.538	-24.462	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 : 2014/04/01 - 20:45**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

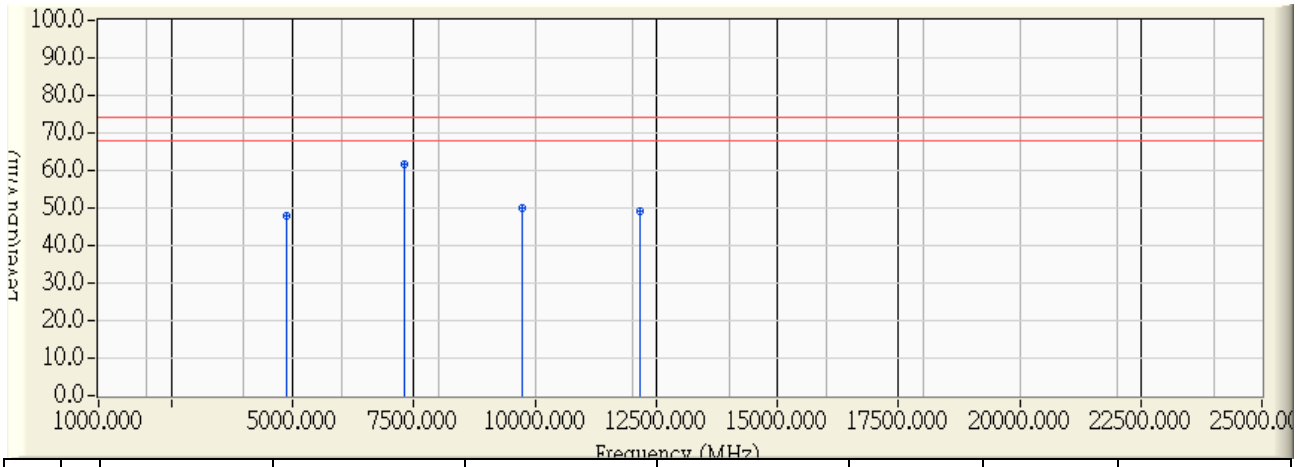


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7312.500	5.611	33.715	39.326	-14.674	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/04/01 - 20:57**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

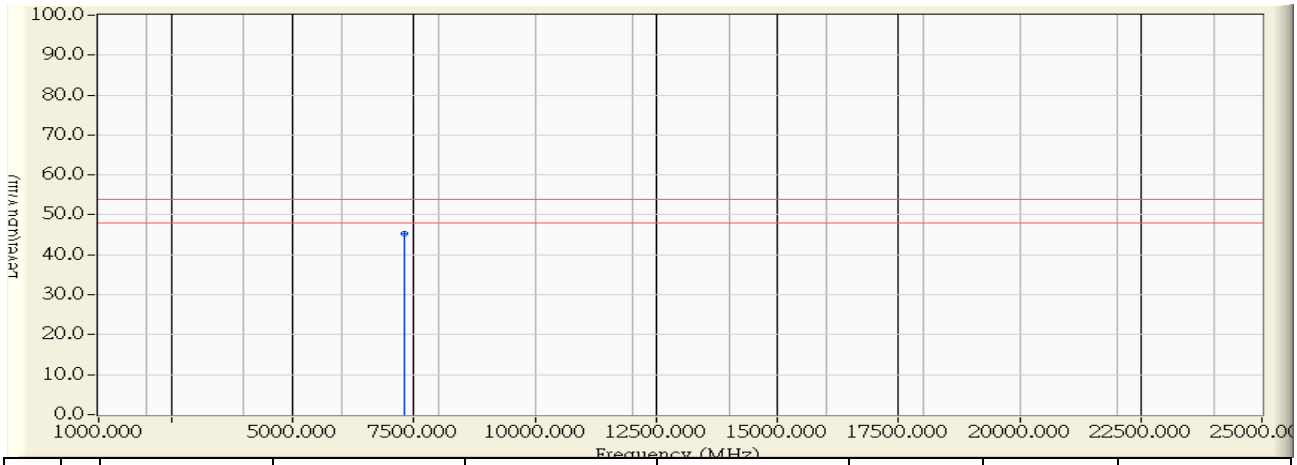


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.375	-0.496	48.580	48.084	-25.916	74.000	PEAK
2	*	7307.375	5.600	56.140	61.740	-12.260	74.000	PEAK
3		9735.187	9.790	40.030	49.820	-24.180	74.000	PEAK
4		12166.562	11.067	38.180	49.247	-24.753	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 : 2014/04/01 - 20:59**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

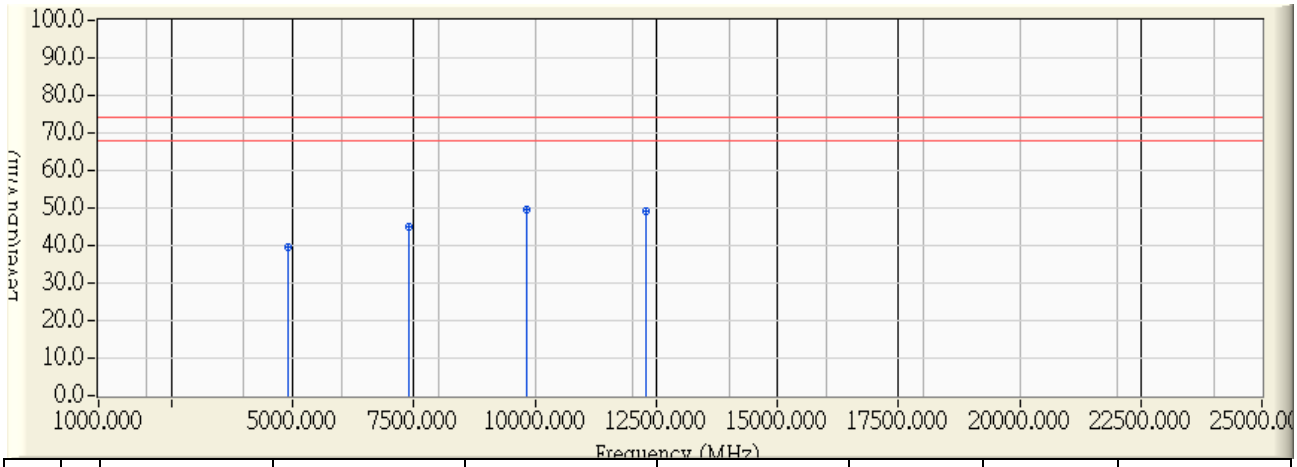


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7312.562	5.610	39.740	45.351	-8.649	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/04/01 - 21:08**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz**

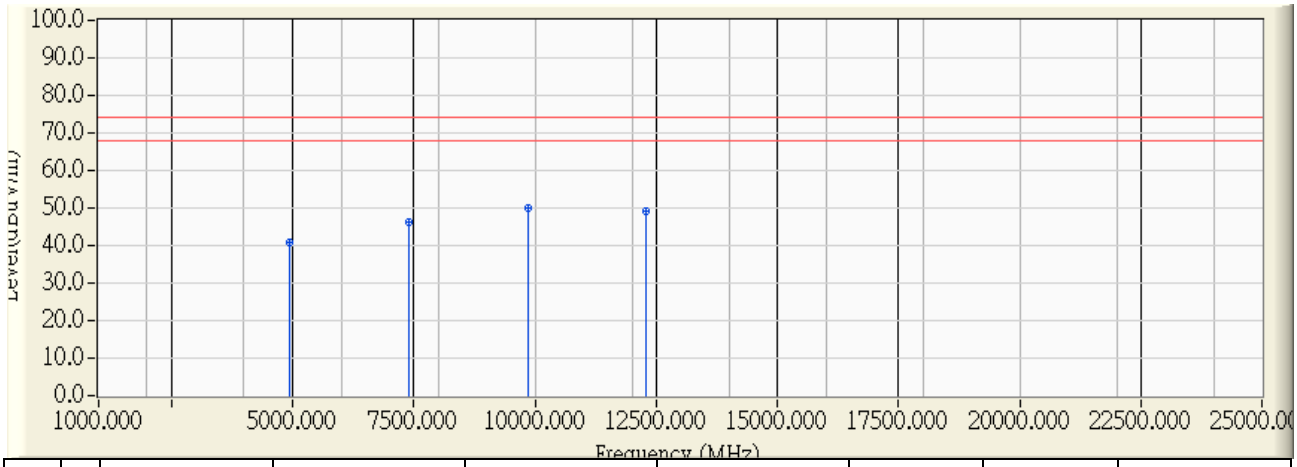


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4915.250	-0.395	40.150	39.756	-34.244	74.000	PEAK
2		7389.062	5.776	39.050	44.826	-29.174	74.000	PEAK
3	*	9838.062	10.456	39.100	49.556	-24.444	74.000	PEAK
4		12306.812	11.002	38.000	49.003	-24.997	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 : 2014/04/01 - 21:14**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz**

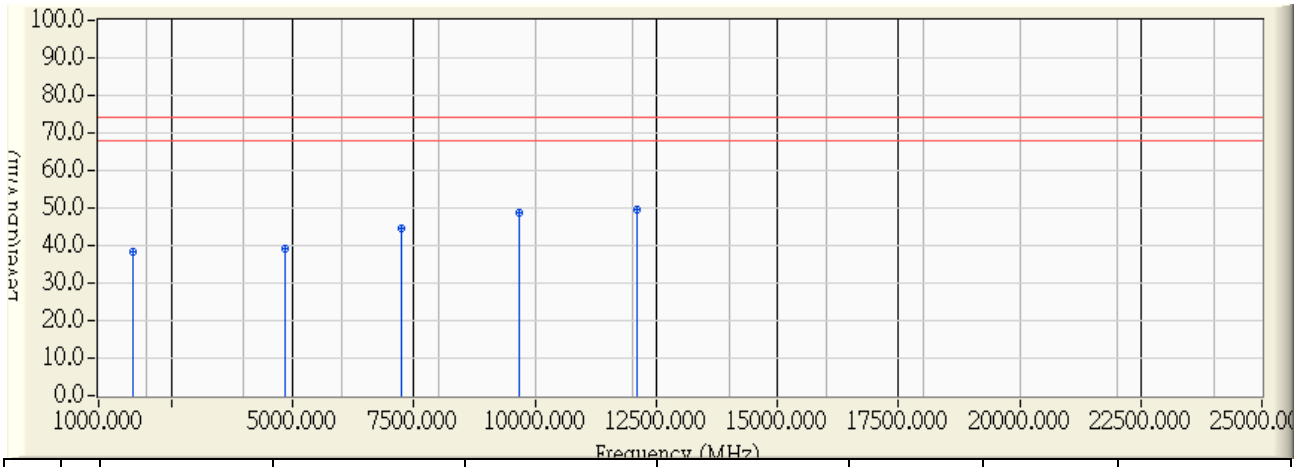


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4928.687	-0.361	41.190	40.829	-33.171	74.000	PEAK
2		7392.500	5.783	40.530	46.314	-27.686	74.000	PEAK
3	*	9848.187	10.522	39.330	49.852	-24.148	74.000	PEAK
4		12289.812	11.010	38.220	49.230	-24.770	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 : 2014/04/01 - 21:20**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz**

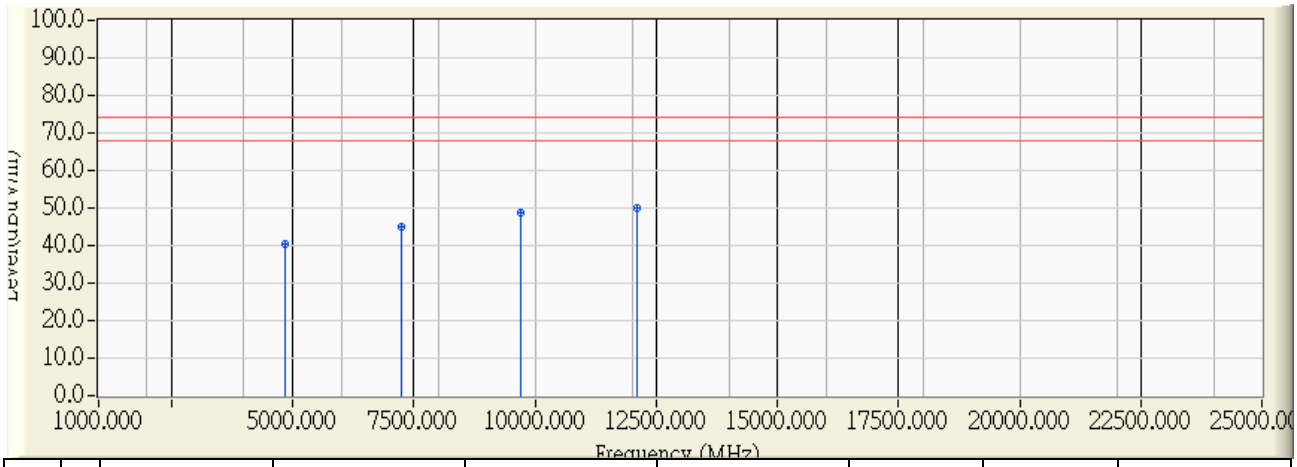


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1697.500	-8.512	46.920	38.408	-35.592	74.000	PEAK
2		4848.812	-0.556	39.560	39.004	-34.996	74.000	PEAK
3		7242.562	5.459	39.240	44.699	-29.301	74.000	PEAK
4		9668.312	9.357	39.450	48.807	-25.193	74.000	PEAK
5	*	12108.125	11.093	38.360	49.453	-24.547	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 : 2014/04/01 - 21:30**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz**

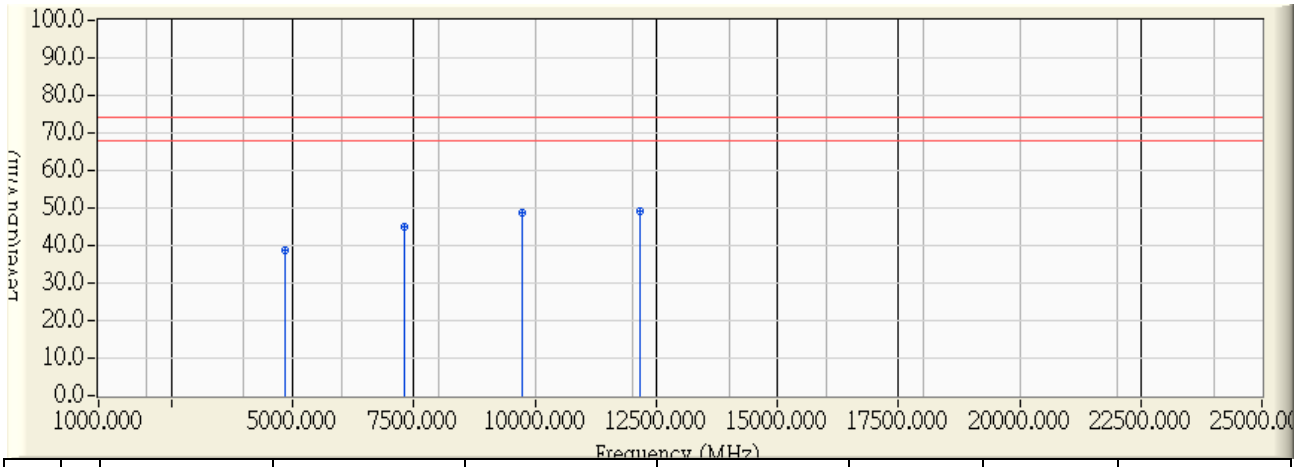


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4833.187	-0.593	40.890	40.296	-33.704	74.000	PEAK
2		7260.375	5.498	39.440	44.938	-29.062	74.000	PEAK
3		9708.500	9.617	39.130	48.748	-25.252	74.000	PEAK
4	*	12098.187	11.099	38.790	49.888	-24.112	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 : 2014/04/01 - 21:35**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

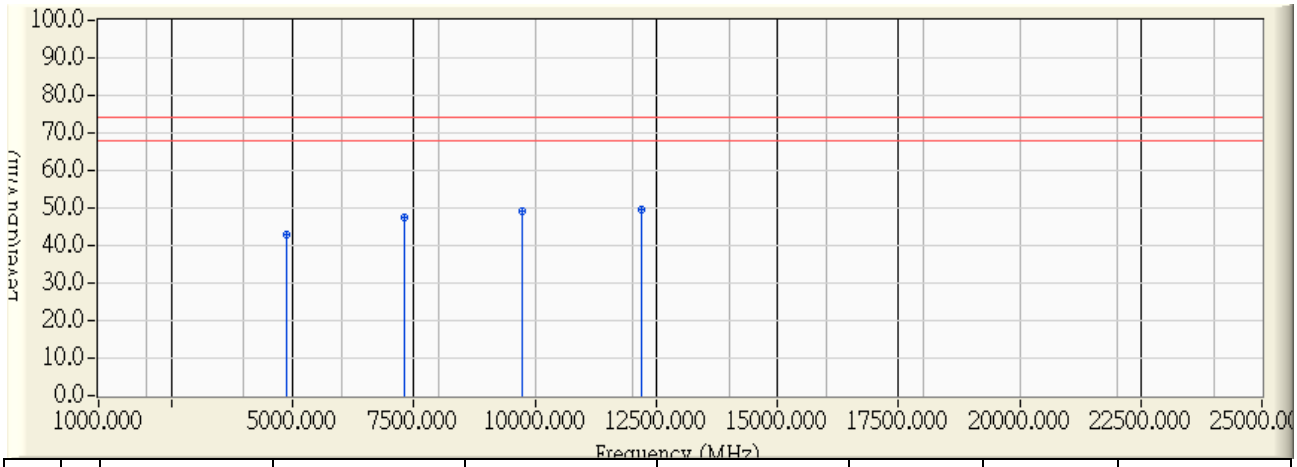


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4851.500	-0.549	39.330	38.781	-35.219	74.000	PEAK
2		7302.750	5.589	39.270	44.860	-29.140	74.000	PEAK
3		9727.125	9.738	39.030	48.768	-25.232	74.000	PEAK
4	*	12168.875	11.066	38.190	49.256	-24.744	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 : 2014/04/01 - 21:40**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

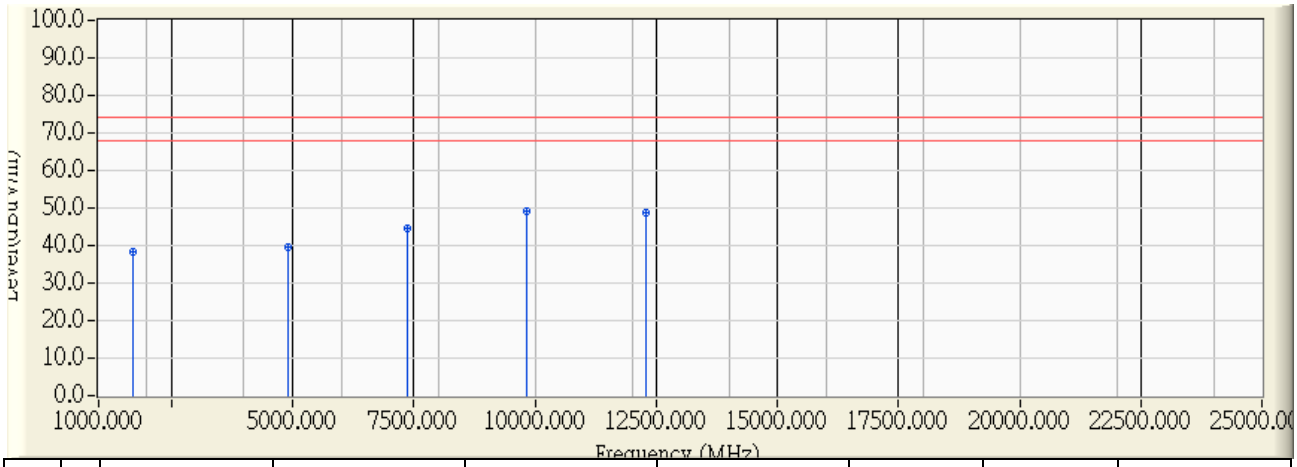


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.687	-0.495	43.250	42.755	-31.245	74.000	PEAK
2		7307.312	5.600	41.750	47.349	-26.651	74.000	PEAK
3		9736.437	9.799	39.280	49.078	-24.922	74.000	PEAK
4	*	12206.750	11.048	38.400	49.448	-24.552	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 : 2014/04/01 - 21:46**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz**

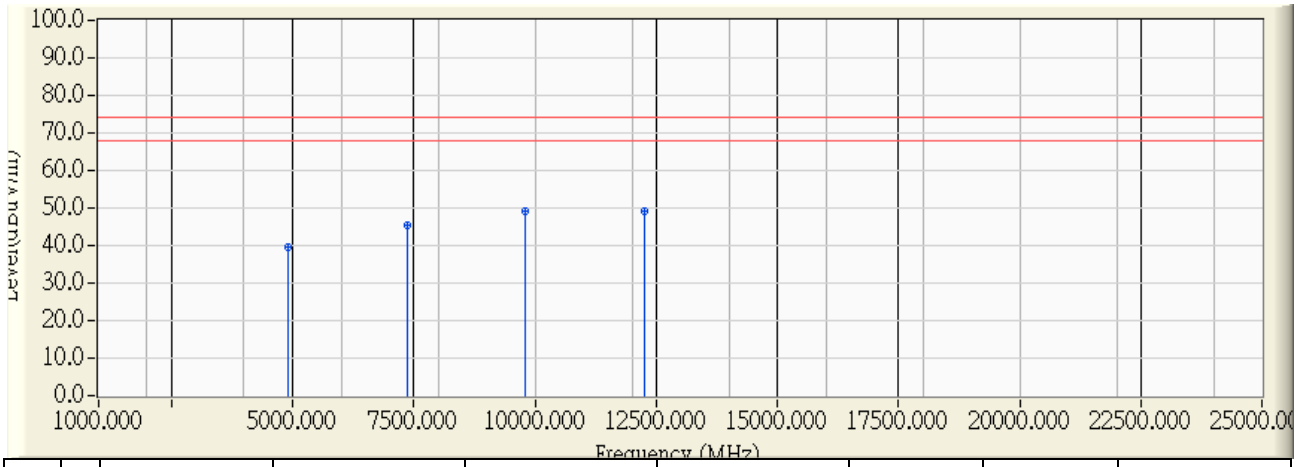


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1712.500	-8.465	46.970	38.506	-35.494	74.000	PEAK
2		4921.250	-0.380	39.860	39.481	-34.519	74.000	PEAK
3		7367.062	5.729	38.720	44.449	-29.551	74.000	PEAK
4	*	9822.875	10.358	38.780	49.138	-24.862	74.000	PEAK
5		12281.062	11.015	37.870	48.884	-25.116	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 : 2014/04/01 - 21:52**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz**

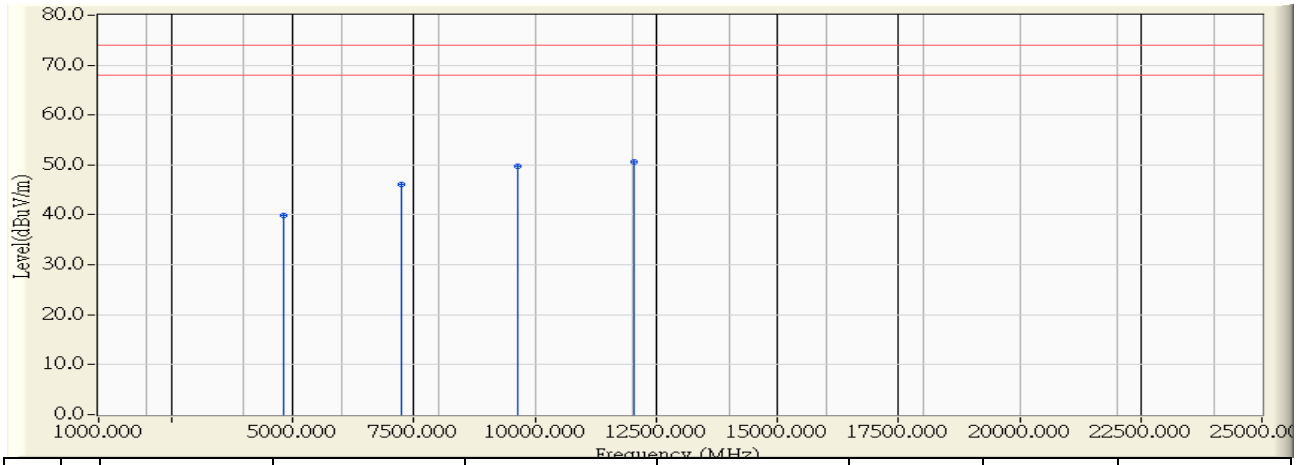


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4903.750	-0.422	39.860	39.438	-34.562	74.000	PEAK
2		7355.750	5.705	39.780	45.484	-28.516	74.000	PEAK
3	*	9814.525	10.304	39.000	49.304	-24.696	74.000	PEAK
4		12268.200	11.021	37.980	49.000	-25.000	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 : 2014/03/20 – 17:25**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz**

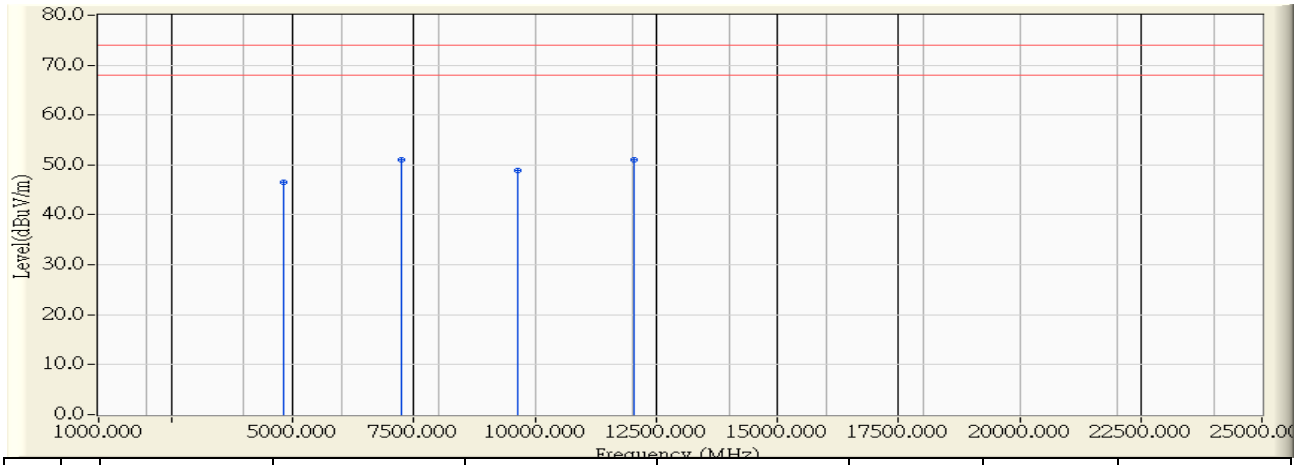


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.617	40.420	39.803	-34.197	74.000	PEAK
2		7236.000	5.445	40.680	46.125	-27.875	74.000	PEAK
3		9648.000	9.226	40.540	49.766	-24.234	74.000	PEAK
4	*	12060.000	11.115	39.480	50.595	-23.405	74.000	PEAK
1		4824.000	-0.617	40.420	39.803	-34.197	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 : 2014/03/20 – 17:27**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz**

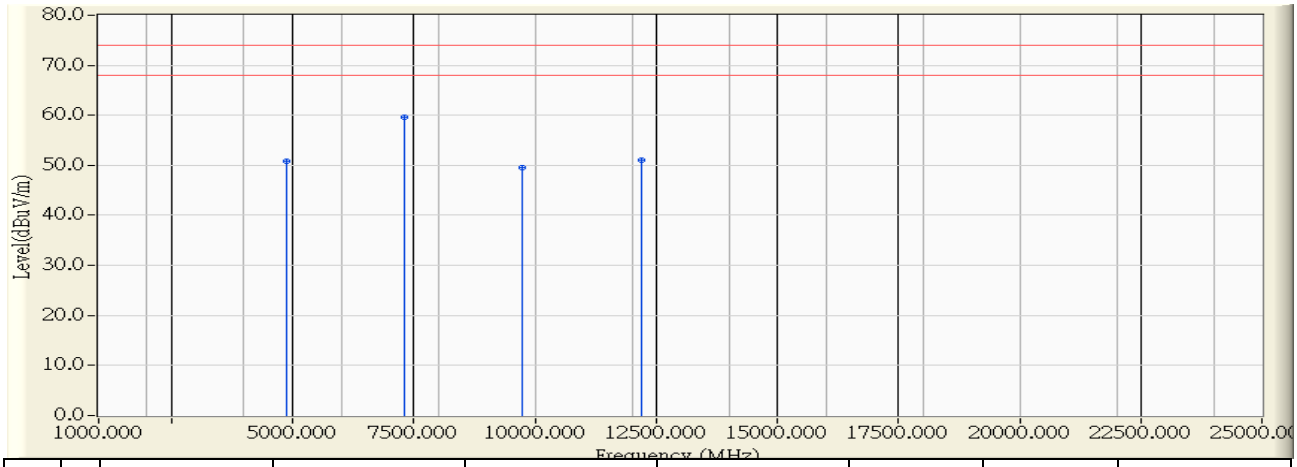


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.617	47.090	46.473	-27.527	74.000	PEAK
2	*	7236.000	5.445	45.680	51.125	-22.875	74.000	PEAK
3		9648.000	9.226	39.670	48.896	-25.104	74.000	PEAK
4		12060.000	11.115	39.840	50.955	-23.045	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 : 2014/03/20 - 17:44**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

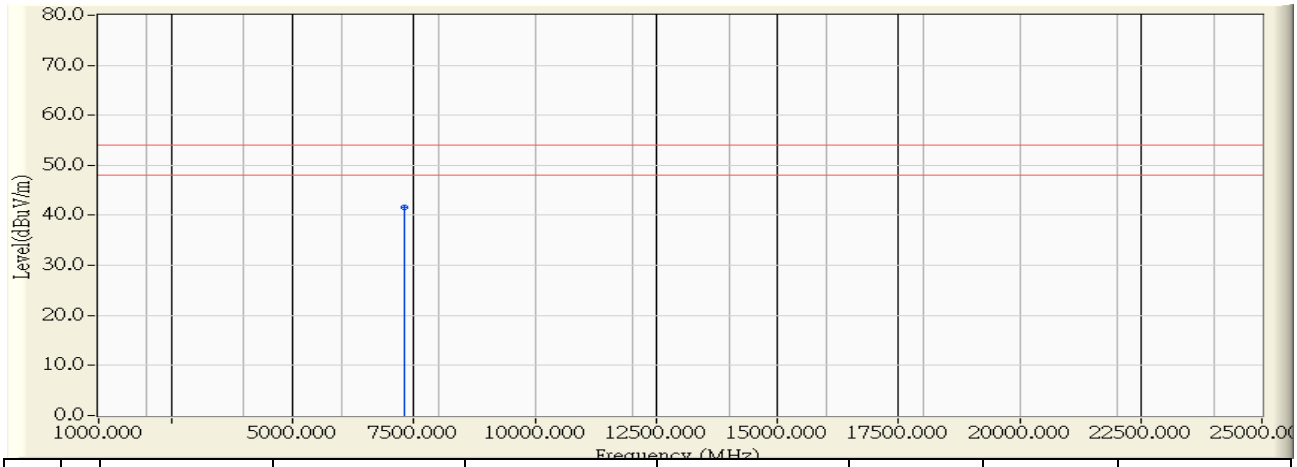


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	51.400	50.905	-23.095	74.000	PEAK
2	*	7311.000	5.608	54.090	59.697	-14.303	74.000	PEAK
3		9748.000	9.873	39.730	49.603	-24.397	74.000	PEAK
4		12185.000	11.058	39.930	50.988	-23.012	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 : 2014/03/20 - 17:49**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

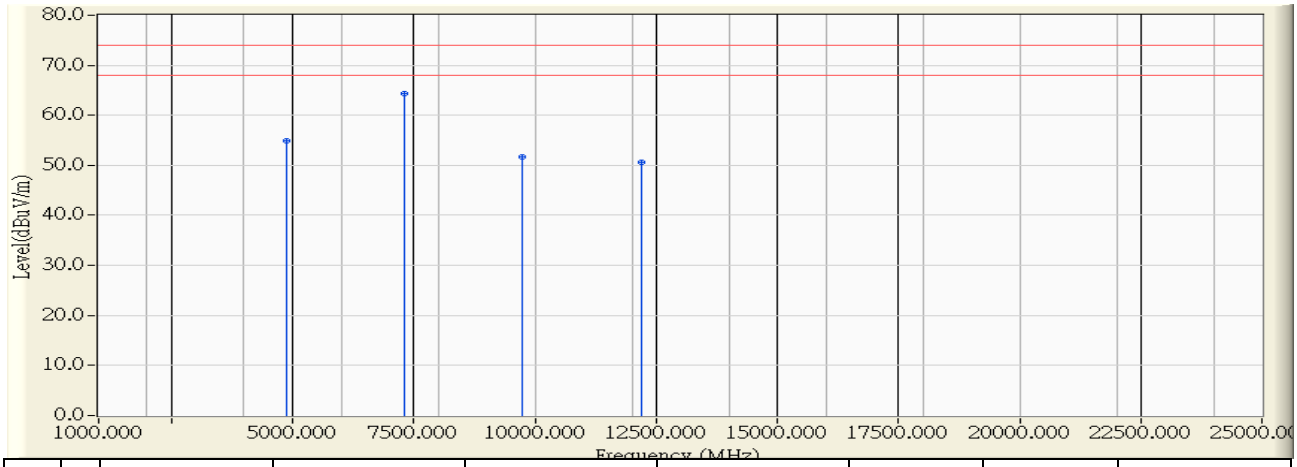


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	5.608	35.990	41.597	-12.403	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/03/20 – 17:55**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2437MHz**

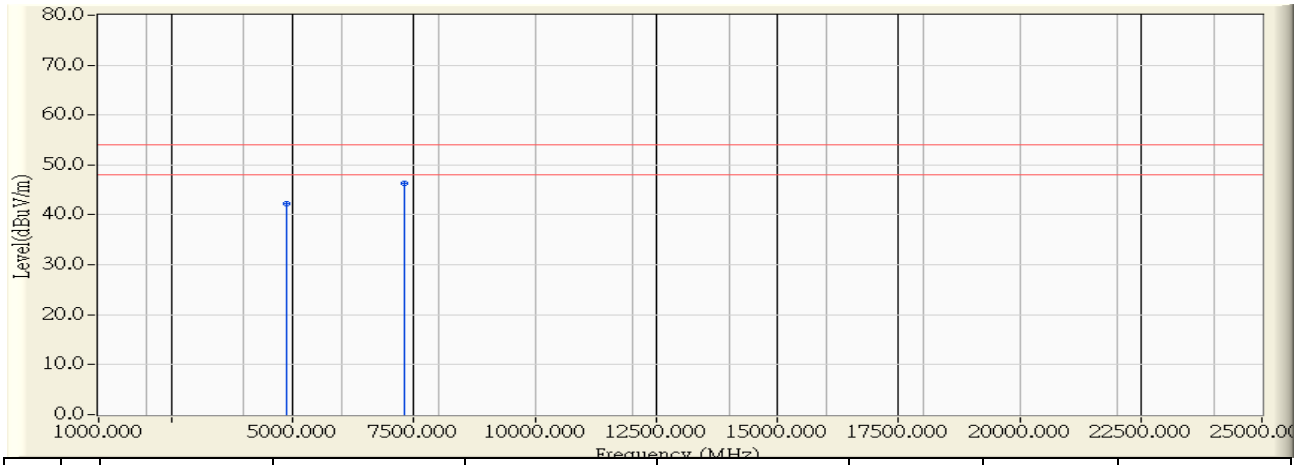


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	55.470	54.975	-19.025	74.000	PEAK
2	*	7311.000	5.608	58.680	64.287	-9.713	74.000	PEAK
3		9748.000	9.873	41.820	51.693	-22.307	74.000	PEAK
4		12185.000	11.058	39.470	50.528	-23.472	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 : 2014/03/20 - 17:55**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11b_2437MHz**

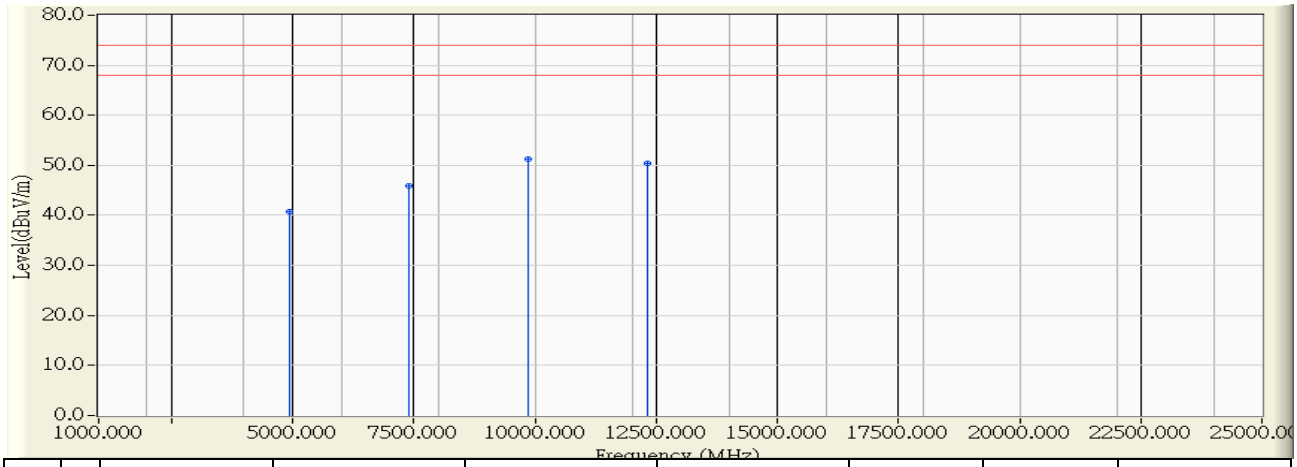


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.495	42.770	42.275	-11.725	54.000	AVERAGE
2	*	7311.000	5.608	40.820	46.427	-7.573	54.000	AVERAGE

Note:

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

Site : CB1	**Time : 2014/03/20 - 18:56**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.373	41.130	40.757	-33.243	74.000	PEAK
2		7386.000	5.770	40.210	45.980	-28.020	74.000	PEAK
3	*	9848.000	10.521	40.670	51.191	-22.809	74.000	PEAK
4		12310.000	11.001	39.360	50.361	-23.639	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.