

# FCC Test Report

Product Name : Wireless-AC1900 Dual Band Gigabit Router  
Model No. : RT-AC68U, RT-AC68R  
FCC ID. : MSQ-RTAC68U

Applicant : ASUSTeK COMPUTER INC.  
Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : 2014/01/22  
Issued Date : 2014/01/23  
Report No. : 1410433R-RFUSP42V01  
Report Version : V1.0



The test results relate only to the samples tested.  
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# Test Report Certification

Issued Date : 2014/01/23


Report No. : 1410433R-RFUSP42V01

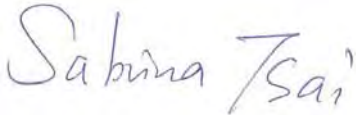


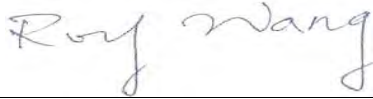
Product Name : Wireless-AC1900 Dual Band Gigabit Router  
 Applicant : ASUSTeK COMPUTER INC.  
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan  
 Manufacturer : Askey Technology (Jiangsu) Ltd.  
 Model No. : RT-AC68U, RT-AC68R  
 FCC ID. : MSQ-RTAC68U  
 EUT Voltage : AC 100-240V, 50-60Hz  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2012  
 ANSI C63.4: 2009  
 Test Result : Complied

The test results relate only to the samples tested.

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**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:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>TAF, Accreditation Number: 1313</b>
<b>USA</b>	<b>:</b>	<b>FCC, Registration Number: 365520</b>
<b>Canada</b>	<b>:</b>	<b>IC, Submission No: 150981</b>

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/>

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## 1. General Information

### 1.1. EUT Description

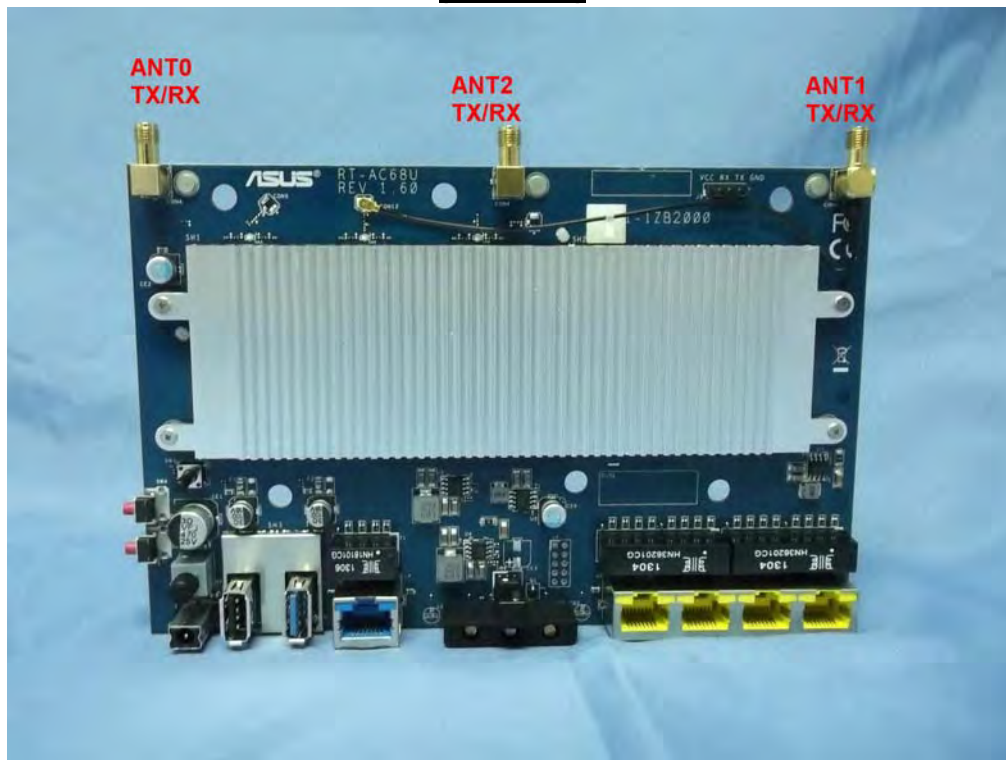
Product Name	Wireless-AC1900 Dual Band Gigabit Router
Product Type	WLAN (3TX, 3RX)
Trade Name	ASUS
Model No.	RT-AC68U, RT-AC68R
Frequency Range/Channel Number -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
Frequency Range/Channel Number -IEEE 802.11n(40MHz) _2.4GHz	2422~2452MHz / 7 Channels
Frequency Range/Channel Number -IEEE 802.11a & IEEE 802.11n/ac (20MHz)_5.8GHz	5745~5825MHz / 5 Channels
Frequency Range/Channel Number -IEEE 802.11n/ac (40MHz) _5.8GHz	5755~5795MHz / 2 Channels
Frequency Range/Channel Number -IEEE 802.11ac (80MHz) _5.8GHz	5775~5775MHz / 1 Channel
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11a/g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11a/g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 23 and bandwidth defined in 802.11n
Data Speed (IEEE 802.11ac)	Support a subset of the combination of GI, MCS 0~MCS 9 and bandwidth defined in 802.11ac
Antenna Gain	<p>WAISIN, RFDPA141000SBLB802 Antenna:            2.4G: Ant0: 1.91dBi, Ant1: 1.91dBi, Ant2: 1.91dBi            5G: Ant0: 4.04Bi, Ant1: 4.04dBi, Ant2: 4.04dBi</p> <p>MAG., EDA-1410-25GR2-A1 Antenna:            2.4G: Ant0: 1.91dBi, Ant1: 1.91dBi, Ant2: 1.91dBi            5G: Ant0: 4.04Bi, Ant1: 4.04dBi, Ant2: 4.04dBi</p> <p>Master Wave, 98611PRSX003 Antenna:            2.4G: Ant0: 1.86dBi,Ant1: 1.86dBi,Ant2: 1.86dBi            5G: Ant0: 3.89dBi,Ant1: 3.89dBi, Ant2: 3.89dBi</p>
Beamforming Gain	2.4G: 4.77dB 5G:4.77dB
Antenna Type	Dipole Antenna

Component	
LAN Cable	Non-Shielded, 1.5m
Dipole Antenna	WAISIN, RFDPA141000SBLB802, 3pcs
Dipole Antenna	MAG., EDA-1410-25GR2-A1, 3pcs
Power Adapter	Enertronix, EXA1206UH I/P: 100-240V~50/60Hz, 1.0A O/P: 19V $\overline{=}$ 1.75A Cable In: Non-Shielded, 2.4m
Power Adapter	PIE, AD8900326 I/P: 100-240V~50/60Hz, 0.8A O/P: 19V $\overline{=}$ 1.75A Cable In: Non-Shielded, 2.4m

ANT-TX / RX & Bandwidth

ANT-TX / RX	TX			RX		
	20MHz	40MHz	80MHz	20MHz	40MHz	80MHz
IEEE802.11a	✓			✓		
IEEE802.11b	✓			✓		
IEEE802.11g	✓			✓		
IEEE802.11n	✓	✓		✓	✓	
IEEE802.11ac	✓	✓	✓	✓	✓	✓

**(3TX /3RX)**





IEEE 802.11n

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		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 <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		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 <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		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 <sub>BPSC</sub>	Number of coded bits per single carrier
N <sub>CBPS</sub>	Number of coded bits per symbol
N <sub>DBPS</sub>	Number of data bits per symbol
GI	guard interval

**Draft IEEE 802.11ac Data Rate**

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)							
				20 MHz		40 MHz		80 MHz		160 MHz	
				Guard Interval		Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5	58.5	65
	1	QPSK	1/2	13	14.4	27	30	58.5	65	117	130
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5	175.5	195
	3	16-QAM	1/2	26	28.9	54	60	117	130	234	260
	4	16-QAM	3/4	39	43.3	81	90	175.5	195	351	390
	5	64-QAM	2/3	52	57.8	108	120	234	260	468	520
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5	526.5	585
	7	64-QAM	5/6	65	72.2	135	150	292.5	325	585	650
	8	256-QAM	3/4	78	86.7	162	180	351	390	702	780
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3	780	866.7
2	0	BPSK	1/2	13	14.4	27	30	58.6	65	117	130
	1	QPSK	1/2	26	28.8	54	60	117	130	234	260
	2	QPSK	3/4	39	43.4	81	90	175.6	195	351	390
	3	16-QAM	1/2	52	57.8	108	120	234	260	468	520
	4	16-QAM	3/4	78	86.6	162	180	351	390	702	780
	5	64-QAM	2/3	104	115.6	216	240	468	520	936	1040
	6	64-QAM	3/4	117	130	243	270	526.6	585	1053	1170
	7	64-QAM	5/6	130	144.4	270	300	585	650	1170	1300
	8	256-QAM	3/4	156	173.4	324	360	702	780	1404	1560
	9	256-QAM	5/6	N/A	N/A	360	400	780	866.6	1560	1733.4
3	0	BPSK	1/2	19.5	21.6	40.5	45	87.9	97.5	175.5	195
	1	QPSK	1/2	39	43.2	81	90	175.5	195	351	390
	2	QPSK	3/4	58.5	65.1	121.5	135	263.4	292.5	526.5	585
	3	16-QAM	1/2	78	86.7	162	180	351	390	702	780
	4	16-QAM	3/4	117	129.9	243	270	526.5	585	1053	1170
	5	64-QAM	2/3	156	173.4	324	360	702	780	1404	1560
	6	64-QAM	3/4	175.5	195	364.5	405	789.9	877.5	1579.5	1755
	7	64-QAM	5/6	195	216.6	405	450	877.5	975	1755	1950
	8	256-QAM	3/4	234	260.1	486	540	1053	1170	2106	2340
	9	256-QAM	5/6	N/A	N/A	540	600	1170	1299.9	2340	2600.1

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

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

IEEE 802.11n (40MHz) - 2.4GHz

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

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

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

IEEE 802.11n/ac (40MHz) - 5.8GHz

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

IEEE 802.11ac (80MHz) - 5.8GHz

Working Frequency of Each Channel	
Channel	Frequency
155	5775 MHz

## Note:

1. This device is a Wireless-AC1900 Dual Band Gigabit Router including 2.4GHz b/g/n (3x3) and 5GHz a/n/ac (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. The function of the 5.2GHz transmitting is measured and makes a test report of the report number: 13A0378R-RFUSP46V01.
5. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 13A0378R-RFUSP37V02 under Declaration of Conformity.
6. This power index value is only suitable for testing samples, it is not suitable for products of the market sells.

**1.3. Test Mode**

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

TX	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH Mode 3: Transmit (CDD Mode)_Adapter: AD890326
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Test Items	Mode	Modulation	Channel	Antenna	Result
Conducted Emission	1	11n/ac(40MHz)	6	0+1+2	Complies
	1	11ac(80MHz)	155	0+1+2	Complies
Peak Power Output	1/2	a	149/ 157/ 165	0+1+2	Complies
	1/2	b/g	1/ 6/ 11	0+1+2	Complies
	1/2	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	1/2	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	1/2	11ac(80MHz)	155	0+1+2	Complies
Radiated Emission	1/3	a	149/ 157/ 165	0+1+2	Complies
	1/3	b/g	1/ 6/ 11	0+1+2	Complies
	1/3	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	1/3	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	1/3	11ac(80MHz)	155	0+1+2	Complies
RF antenna conducted test	1	a	149/ 165	0/1/2	Complies
	1	b/g	1/ 11	0/1/2	Complies
	1	11n/ac(20MHz)	1/ 11/ 149/ 165	0/1/2	Complies
	1	11n/ac(40MHz)	3/ 9/ 151/ 159	0/1/2	Complies
	1	11ac(80MHz)	155	0/1/2	Complies
Radiated Emission Band Edge	1	a	149/165	0+1+2	Complies
	1	b/g	1/ 11	0+1+2	Complies
	1	11n/ac(20MHz)	1/ 11/149/165	0+1+2	Complies
	1	11n/ac(40MHz)	3/ 9/151/159	0+1+2	Complies
	1	11ac(80MHz)	155	0+1+2	Complies

Test Items	Mode	Modulation	Channel	Antenna	Result
Radiated Emission Band Edge	1	a	149/165	0+1+2	Complies
	1	b/g	1/ 11	0+1+2	Complies
	1	11n/ac(20MHz)	1/ 11/149/165	0+1+2	Complies
	1	11n/ac(40MHz)	3/ 9/151/159	0+1+2	Complies
	1	11ac(80MHz)	155	0+1+2	Complies
Occupied Bandwidth	1	a	149/ 157/ 165	0/1/2	Complies
	1	b/g	1/ 6/ 11	0/1/2	Complies
	1	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0/1/2	Complies
	1	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0/1/2	Complies
	1	11ac(80MHz)	155	0/1/2	Complies
Power Density	1/2	a	149/ 157/ 165	0+1+2	Complies
	1/2	b/g	1/ 6/ 11	0+1+2	Complies
	1/2	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	1/2	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	1/2	11ac(80MHz)	155	0+1+2	Complies

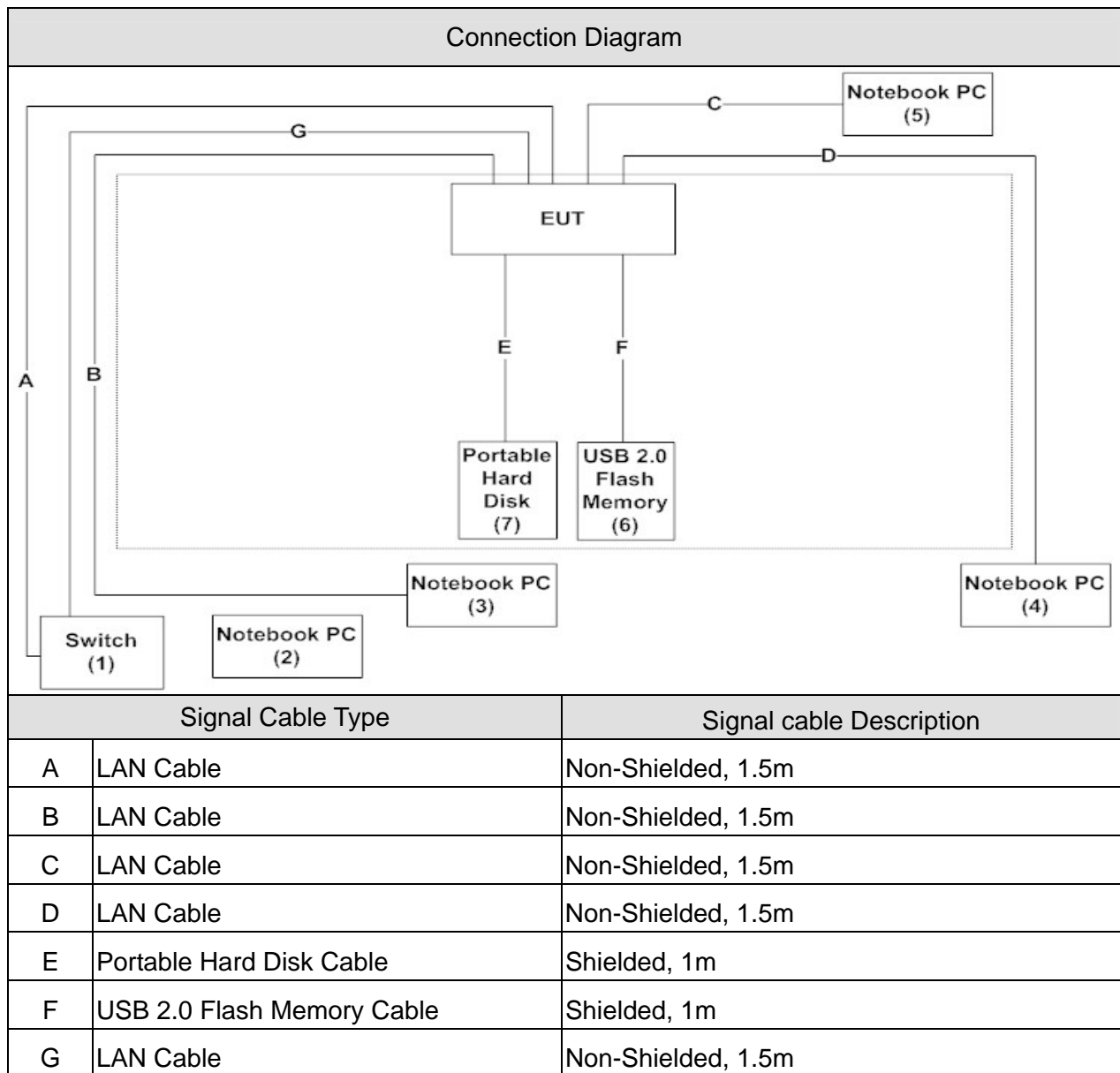
#### 1.4. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1 Switch	D-Link	DGS1216T	F360298000042	DoC	Non-Shielded, 1.8m
2 Notebook PC	DELL	Vostro3400	7F808N1	DoC	Non-Shielded, 1.8m
3 Notebook PC	HP Compaq	NX6320FF	CNU7020BXT	DoC	Non-Shielded, 1.8m
4 Notebook PC	DELL	Precision M65	28G9NIS	DoC	Non-Shielded, 1.8m
5 Notebook PC	DELL	PP37L	CD8BNG1	DoC	Non-Shielded, 1.8m
6 USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
7 Portable Hard Disk	WD	My Passport	WXE1AB0M5632	DoC	--



### 1.5. Configuration of tested System



### 1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
2	Execute the test program "MTool V2.0.0.7" 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.

## 1.7. Test Facility

Ambient conditions in the laboratory:

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

2. Conducted Emission

2.1. Test Equipment

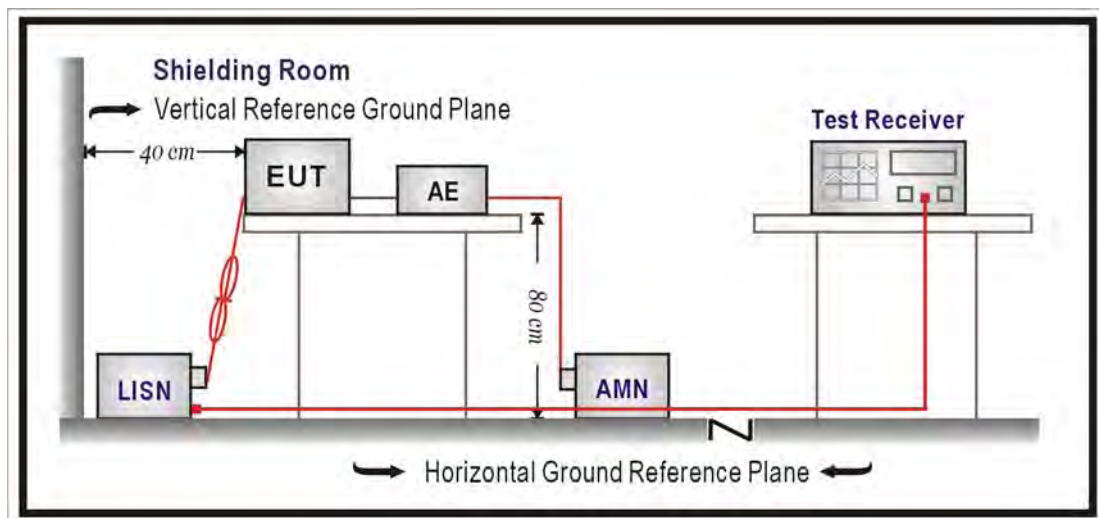
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2013/08/12
LISN	R&S	ESH3-Z5	836679/022	2014/01/20
Test Receiver	R&S	ESCS 30	825442/017	2014/01/01

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

2.2. Test Setup



**2.3. Limits**

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

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

**2.4. Test Procedure**

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct. 2012 KDB5580744 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**

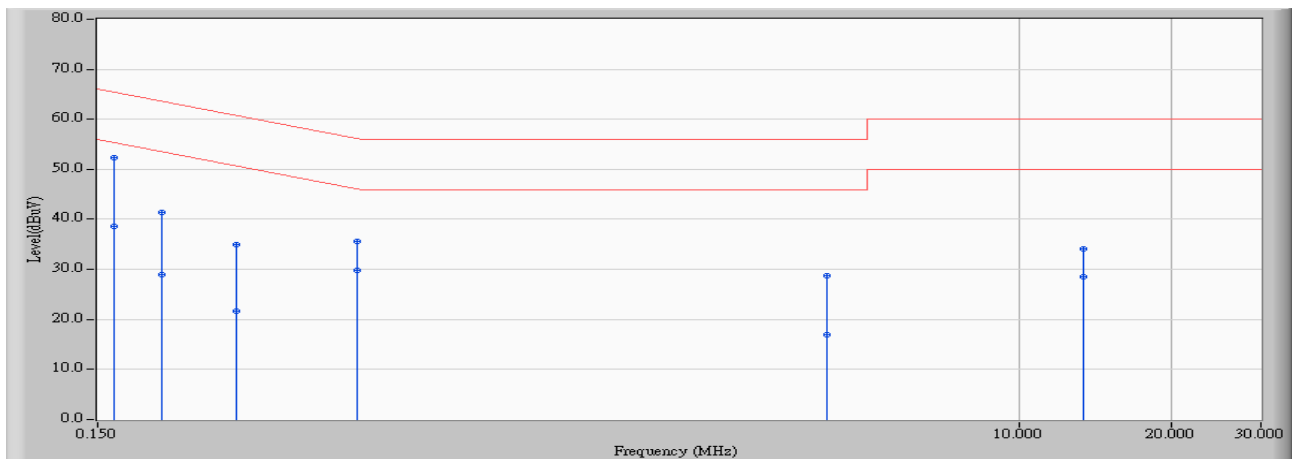
According to FCC Part 15 Subpart C Paragraph 15.207: 2012

**2.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 2.26$  dB.

2.7. Test Result

Site : SR3	Time : 2013/05/01 - 10:01
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_2437MHz

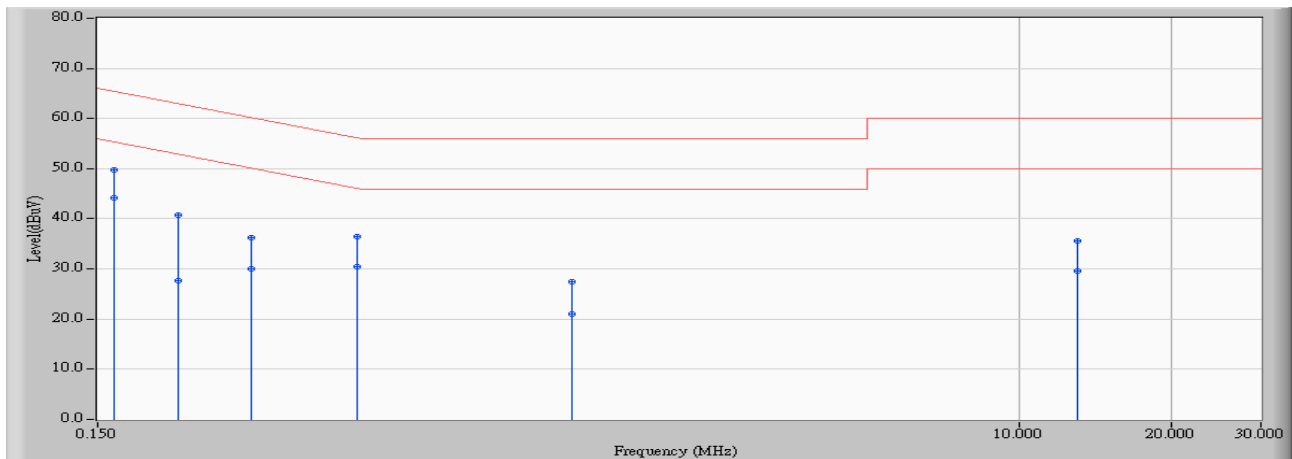


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.162	9.785	42.590	52.375	-13.000	65.375	QUASPEAK
2		0.162	9.785	28.840	38.625	-16.750	55.375	AVERAGE
3		0.201	9.685	31.630	41.315	-22.263	63.578	QUASPEAK
4		0.201	9.685	19.220	28.905	-24.673	53.578	AVERAGE
5		0.283	9.705	25.320	35.025	-25.707	60.733	QUASPEAK
6		0.283	9.705	11.950	21.655	-29.077	50.733	AVERAGE
7		0.490	9.826	25.750	35.575	-20.595	56.170	QUASPEAK
8		0.490	9.826	20.000	29.825	-16.345	46.170	AVERAGE
9		4.142	10.081	18.590	28.671	-27.329	56.000	QUASPEAK
10		4.142	10.081	6.880	16.961	-29.039	46.000	AVERAGE
11		13.384	10.123	24.050	34.173	-25.827	60.000	QUASPEAK
12		13.384	10.123	18.500	28.623	-21.377	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 : 2013/05/01 - 10:06
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_2437MHz

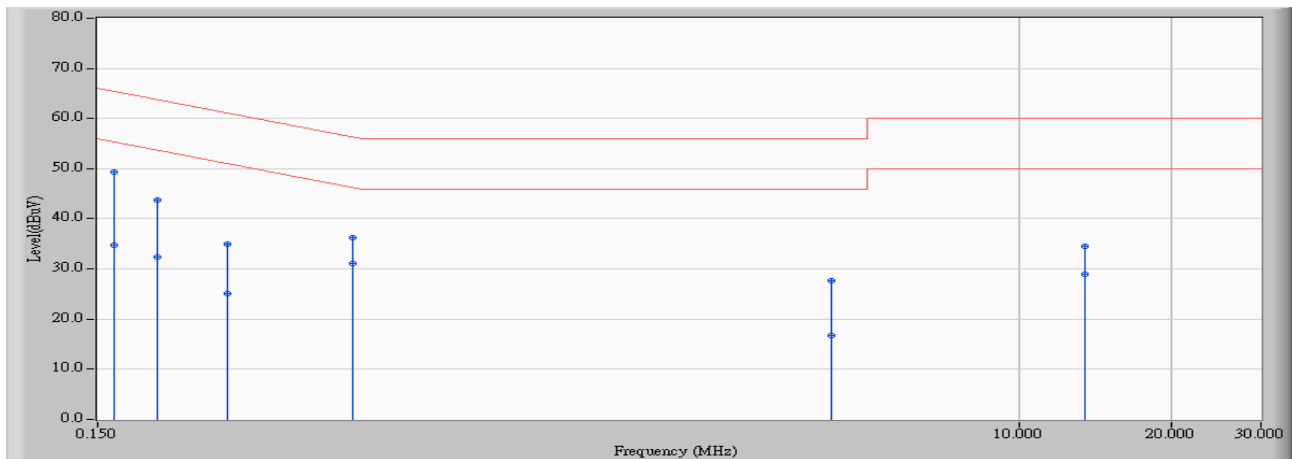


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.640	40.120	49.760	-15.615	65.375	QUASPEAK
2	*	9.640	34.540	44.180	-11.195	55.375	AVERAGE
3	0.216	9.666	31.070	40.737	-22.219	62.956	QUASPEAK
4	0.216	9.666	18.050	27.717	-25.239	52.956	AVERAGE
5	0.302	9.711	26.520	36.231	-23.947	60.178	QUASPEAK
6	0.302	9.711	20.420	30.131	-20.047	50.178	AVERAGE
7	0.490	9.816	26.710	36.525	-19.645	56.170	QUASPEAK
8	0.490	9.816	20.670	30.485	-15.685	46.170	AVERAGE
9	1.298	9.933	17.520	27.453	-28.547	56.000	QUASPEAK
10	1.298	9.933	11.070	21.003	-24.997	46.000	AVERAGE
11	13.041	10.186	25.340	35.526	-24.474	60.000	QUASPEAK
12	13.041	10.186	19.390	29.576	-20.424	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 : 2013/05/01 - 10:10
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5775MHz

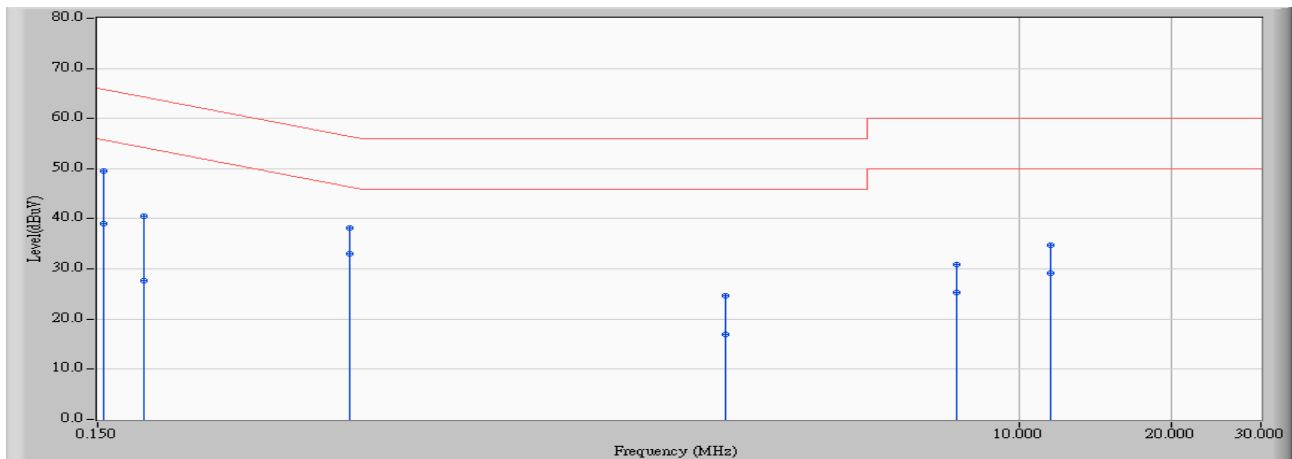


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.785	39.490	49.275	-16.100	65.375	QUASPEAK
2	0.162	9.785	25.060	34.845	-20.530	55.375	AVERAGE
3	0.197	9.688	34.020	43.709	-20.033	63.741	QUASPEAK
4	0.197	9.688	22.690	32.379	-21.363	53.741	AVERAGE
5	0.271	9.699	25.170	34.869	-26.216	61.084	QUASPEAK
6	0.271	9.699	15.310	25.009	-26.076	51.084	AVERAGE
7	0.478	9.818	26.440	36.258	-20.113	56.372	QUASPEAK
8	*	9.818	21.360	31.178	-15.193	46.372	AVERAGE
9	4.252	10.085	17.570	27.655	-28.345	56.000	QUASPEAK
10	4.252	10.085	6.540	16.625	-29.375	46.000	AVERAGE
11	13.416	10.124	24.340	34.464	-25.536	60.000	QUASPEAK
12	13.416	10.124	18.800	28.924	-21.076	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 : 2013/05/01 - 10:12
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5775MHz



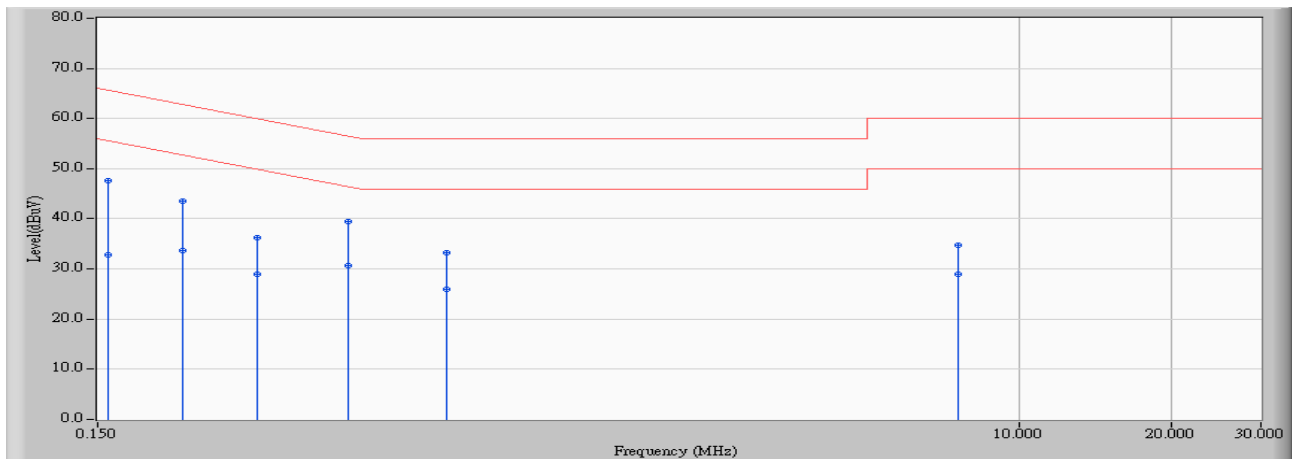
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.154	9.639	39.820	49.459	-16.328	65.786	QUASPEAK
2	0.154	9.639	29.340	38.979	-16.808	55.786	AVERAGE
3	0.185	9.652	30.870	40.521	-23.730	64.251	QUASPEAK
4	0.185	9.652	17.990	27.641	-26.610	54.251	AVERAGE
5	0.474	9.806	28.430	38.236	-18.204	56.440	QUASPEAK
6	*	9.806	23.140	32.946	-13.494	46.440	AVERAGE
7	2.615	9.966	14.760	24.727	-31.273	56.000	QUASPEAK
8	2.615	9.966	6.940	16.907	-29.093	46.000	AVERAGE
9	7.513	10.113	20.770	30.883	-29.117	60.000	QUASPEAK
10	7.513	10.113	15.180	25.293	-24.707	50.000	AVERAGE
11	11.545	10.169	24.660	34.829	-25.171	60.000	QUASPEAK
12	11.545	10.169	19.010	29.179	-20.821	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 : 2013/05/01 - 10:42
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437MHz_802.11n(40M)_2437MHz

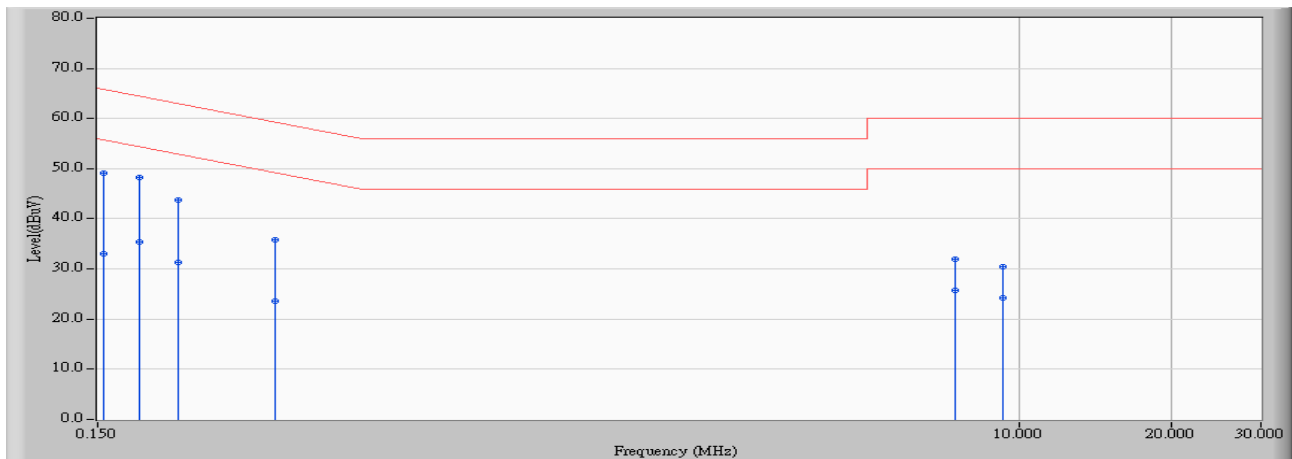


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.158	9.799	37.760	47.559	-18.019	65.578	QUASPEAK
2	0.158	9.799	22.950	32.749	-22.829	55.578	AVERAGE
3	0.220	9.670	33.950	43.620	-19.188	62.807	QUASPEAK
4	0.220	9.670	23.900	33.570	-19.238	52.807	AVERAGE
5	0.310	9.721	26.550	36.271	-23.695	59.966	QUASPEAK
6	0.310	9.721	19.160	28.881	-21.085	49.966	AVERAGE
7	0.470	9.813	29.720	39.534	-16.975	56.508	QUASPEAK
8	* 0.470	9.813	20.770	30.584	-15.925	46.508	AVERAGE
9	0.736	9.883	23.380	33.263	-22.737	56.000	QUASPEAK
10	0.736	9.883	16.090	25.973	-20.027	46.000	AVERAGE
11	7.537	10.110	24.600	34.710	-25.290	60.000	QUASPEAK
12	7.537	10.110	18.760	28.870	-21.130	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 : 2013/05/01 - 10:44
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(40M)_2437MHz

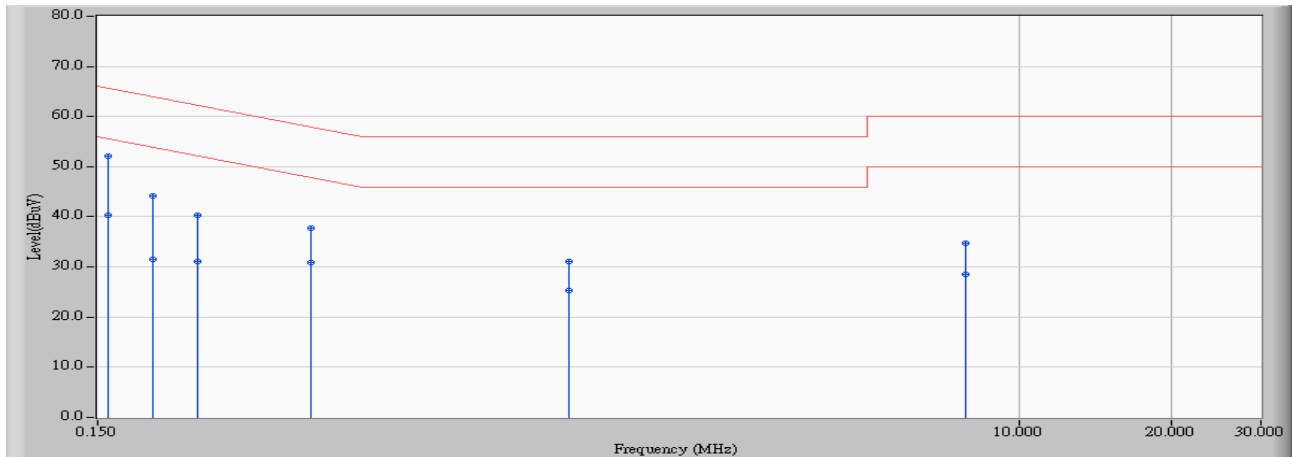


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.154	9.639	39.410	49.049	-16.738	65.786	QUASPEAK
2	0.154	9.639	23.490	33.129	-22.658	55.786	AVERAGE
3	* 0.181	9.649	38.710	48.359	-16.069	64.428	QUASPEAK
4	0.181	9.649	25.750	35.399	-19.029	54.428	AVERAGE
5	0.216	9.666	34.090	43.757	-19.199	62.956	QUASPEAK
6	0.216	9.666	21.650	31.317	-21.639	52.956	AVERAGE
7	0.338	9.730	25.990	35.720	-23.545	59.265	QUASPEAK
8	0.338	9.730	13.790	23.520	-25.745	49.265	AVERAGE
9	7.447	10.112	21.860	31.972	-28.028	60.000	QUASPEAK
10	7.447	10.112	15.670	25.782	-24.218	50.000	AVERAGE
11	9.263	10.139	20.330	30.469	-29.531	60.000	QUASPEAK
12	9.263	10.139	14.120	24.259	-25.741	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 : 2013/05/01 - 10:46
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11ac(80M)_5775MHz

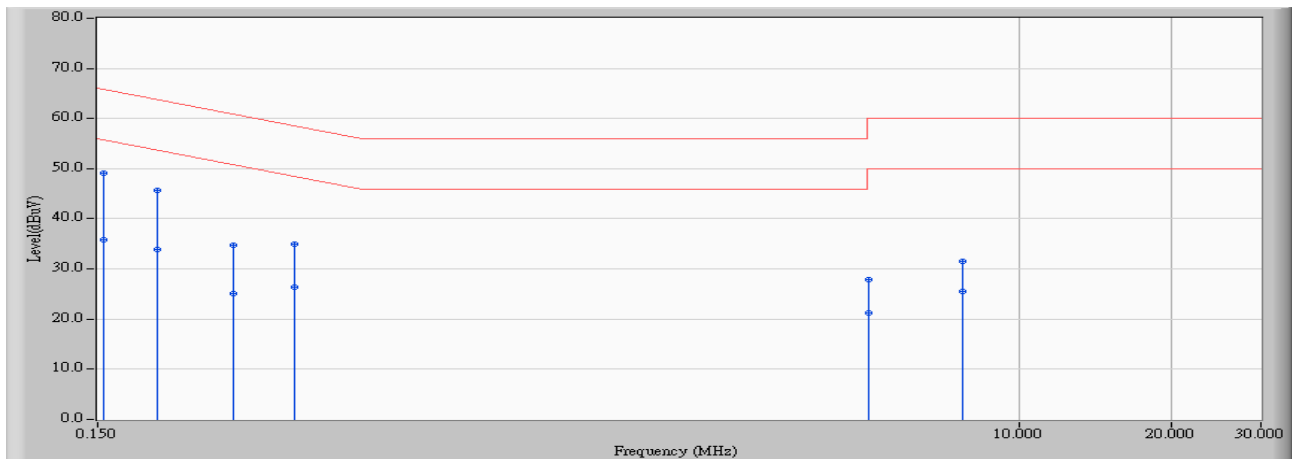


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.158	9.799	42.290	52.089	-13.489	65.578	QUASPEAK
2		0.158	9.799	30.480	40.279	-15.299	55.578	AVERAGE
3		0.193	9.692	34.430	44.122	-19.786	63.908	QUASPEAK
4		0.193	9.692	21.770	31.462	-22.446	53.908	AVERAGE
5		0.236	9.679	30.750	40.429	-21.809	62.238	QUASPEAK
6		0.236	9.679	21.460	31.139	-21.099	52.238	AVERAGE
7		0.396	9.770	27.920	37.690	-20.245	57.935	QUASPEAK
8		0.396	9.770	21.040	30.810	-17.125	47.935	AVERAGE
9		1.279	9.946	21.070	31.016	-24.984	56.000	QUASPEAK
10		1.279	9.946	15.360	25.306	-20.694	46.000	AVERAGE
11		7.798	10.110	24.530	34.640	-25.360	60.000	QUASPEAK
12		7.798	10.110	18.490	28.600	-21.400	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 : 2013/05/01 - 10:48
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-2_0813 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11ac(80M)_5775MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.639	39.530	49.169	-16.618	65.786	QUASPEAK
2		0.154	9.639	26.210	35.849	-19.938	55.786	AVERAGE
3		0.197	9.657	36.100	45.757	-17.984	63.741	QUASPEAK
4		0.197	9.657	24.290	33.947	-19.794	53.741	AVERAGE
5		0.279	9.699	25.140	34.839	-26.009	60.848	QUASPEAK
6		0.279	9.699	15.300	24.999	-25.849	50.848	AVERAGE
7		0.369	9.746	25.240	34.986	-23.543	58.529	QUASPEAK
8		0.369	9.746	16.600	26.346	-22.183	48.529	AVERAGE
9		5.037	10.076	17.720	27.796	-32.204	60.000	QUASPEAK
10		5.037	10.076	11.110	21.186	-28.814	50.000	AVERAGE
11		7.685	10.115	21.460	31.575	-28.425	60.000	QUASPEAK
12		7.685	10.115	15.370	25.485	-24.515	50.000	AVERAGE

**Note:**

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

**3. Peak Power Output**

**3.1. Test Equipment**

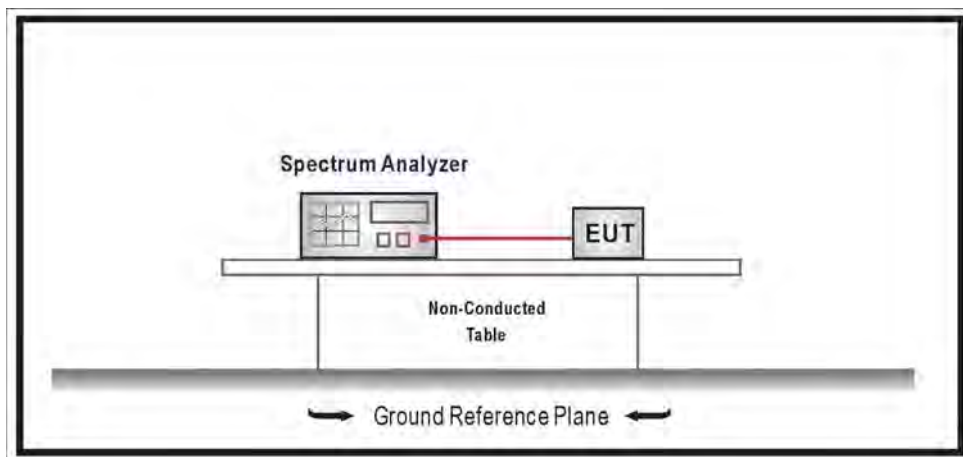
The following test equipments are used during the test:

Peak Power / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	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  $\geq$  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: 2012

**3.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  dB.

**3.7. Test Result**

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

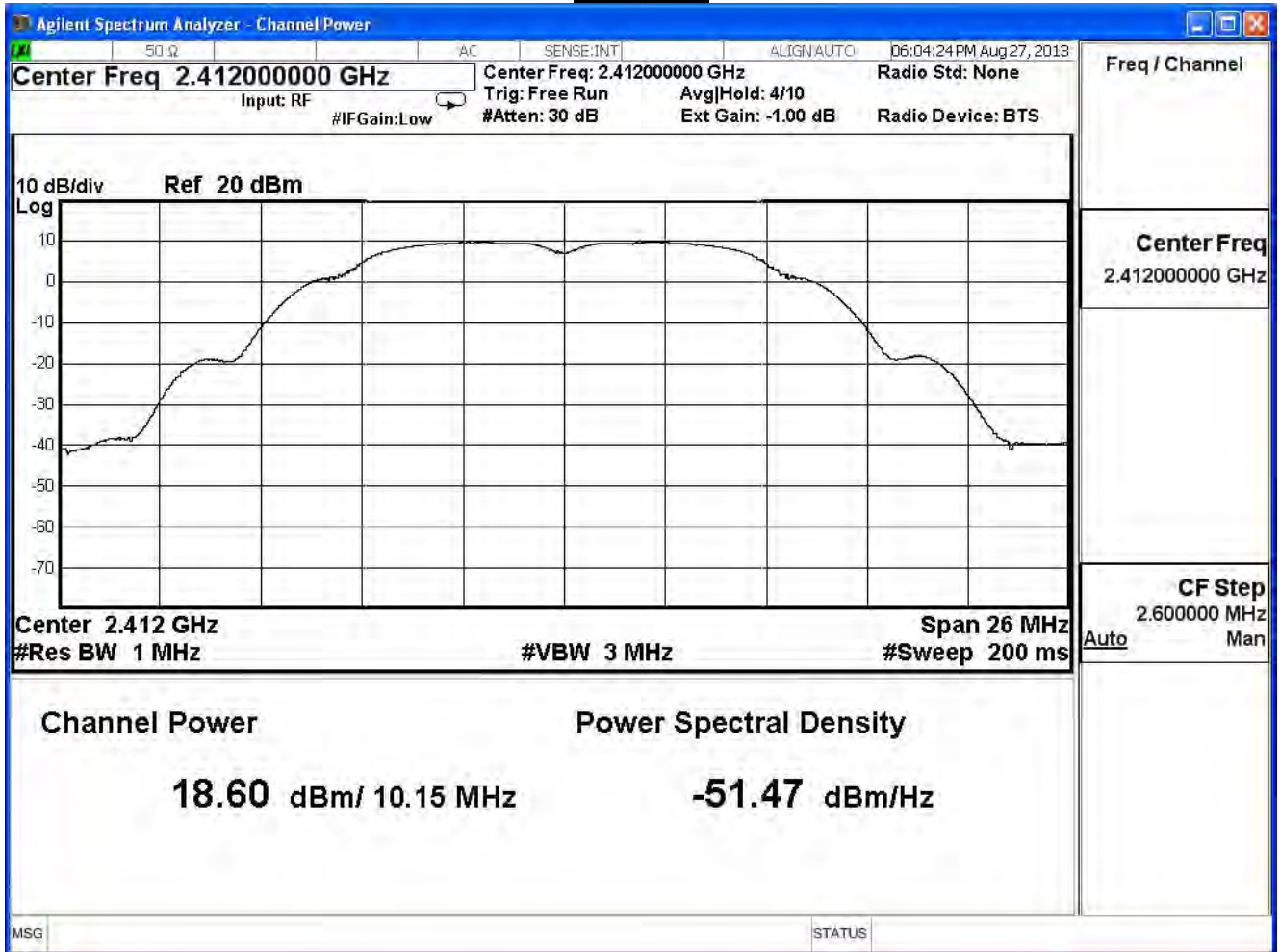
IEEE 802.11b (ANT0) , power index: ch1:78, ch6:80, ch11:86				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.60	≤ 30	Pass
6	2437	19.72	≤ 30	Pass
11	2462	20.98	≤ 30	Pass

The worst emission of data rate is 1Mbps.

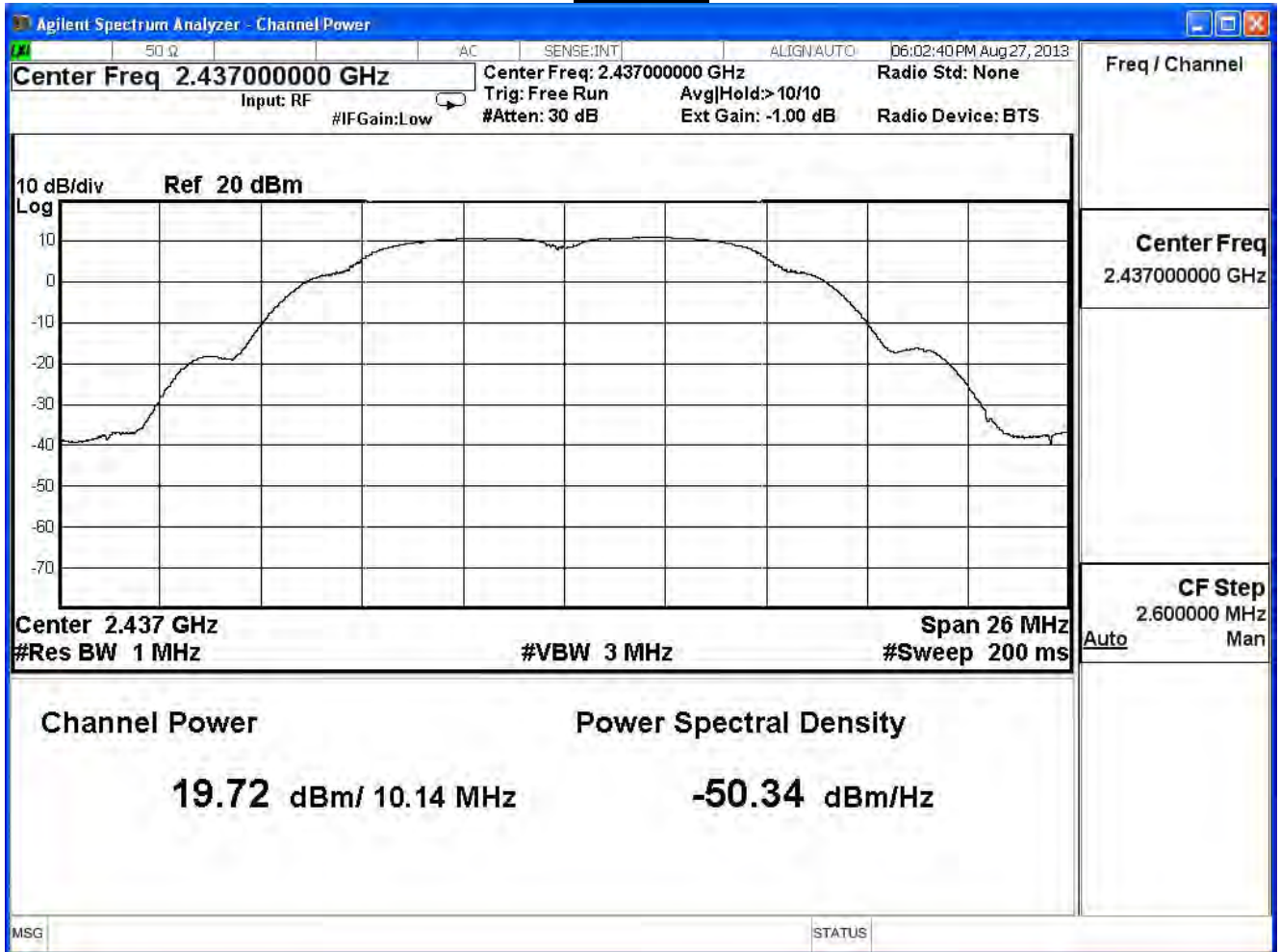
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.60	--	--	--	30 dBm
6	2437	19.72	19.52	19.40	19.29	30 dBm
11	2462	20.98	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

Channel 1

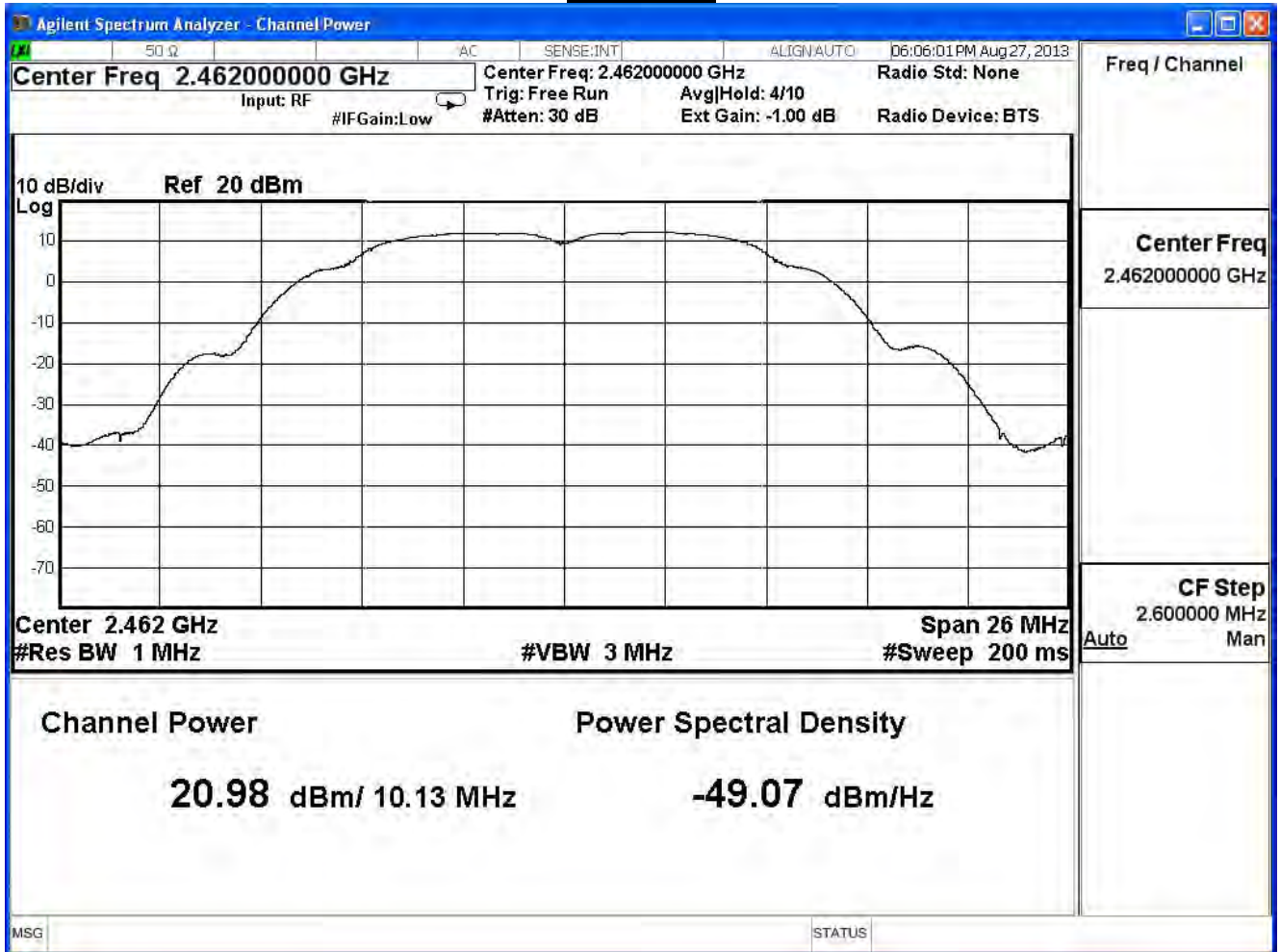


Channel 6





Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

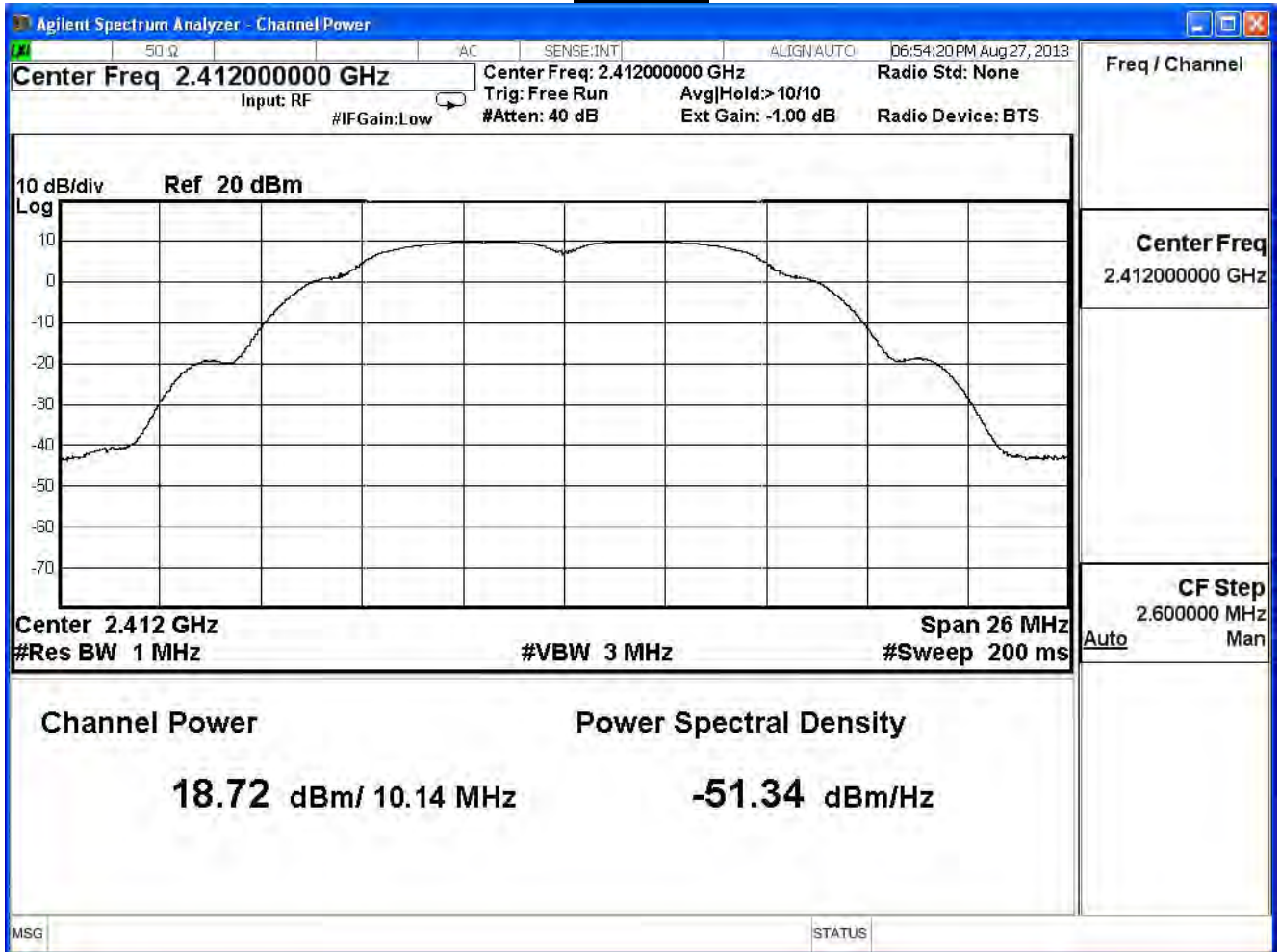
IEEE 802.11b (ANT1) , power index: ch1:78, ch6:80, ch11:86				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.72	≤ 30	Pass
6	2437	18.83	≤ 30	Pass
11	2462	20.16	≤ 30	Pass

The worst emission of data rate is 1Mbps.

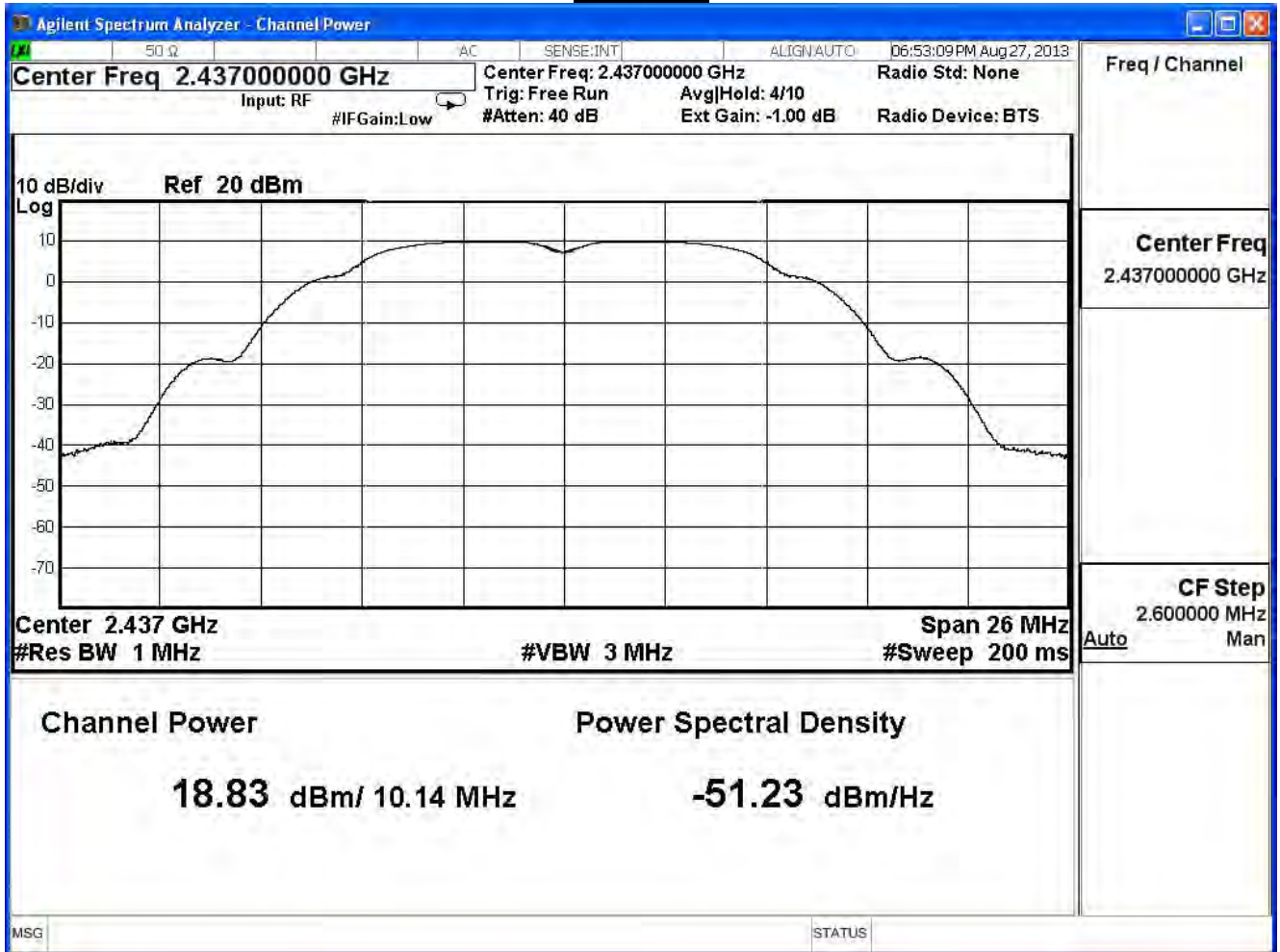
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.72	--	--	--	30 dBm
6	2437	18.83	18.73	18.49	18.38	30 dBm
11	2462	20.16	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

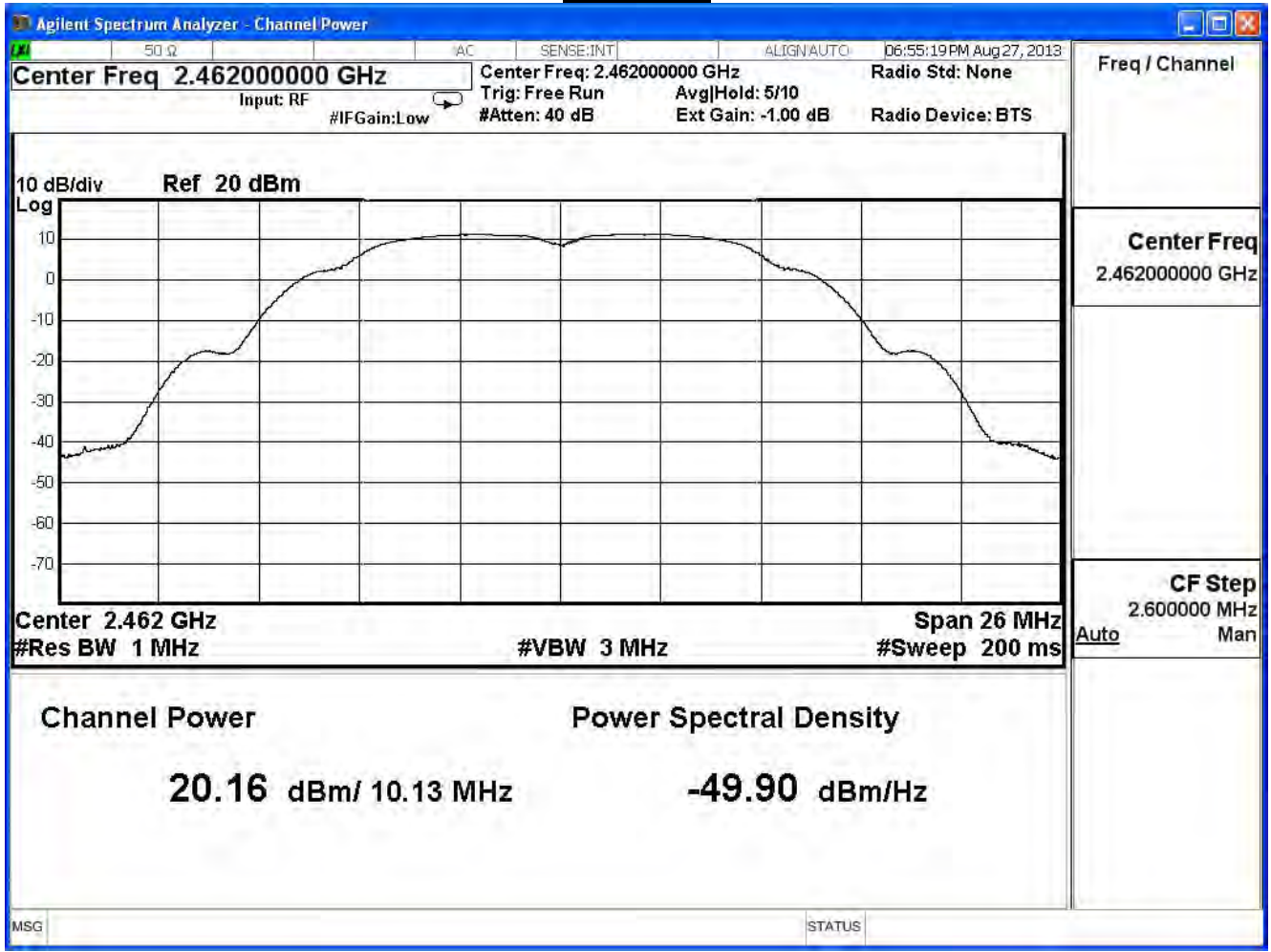
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11b (ANT2) , power index: ch1:78, ch6:80, ch11:86				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.69	≤ 30	Pass
6	2437	18.82	≤ 30	Pass
11	2462	20.41	≤ 30	Pass

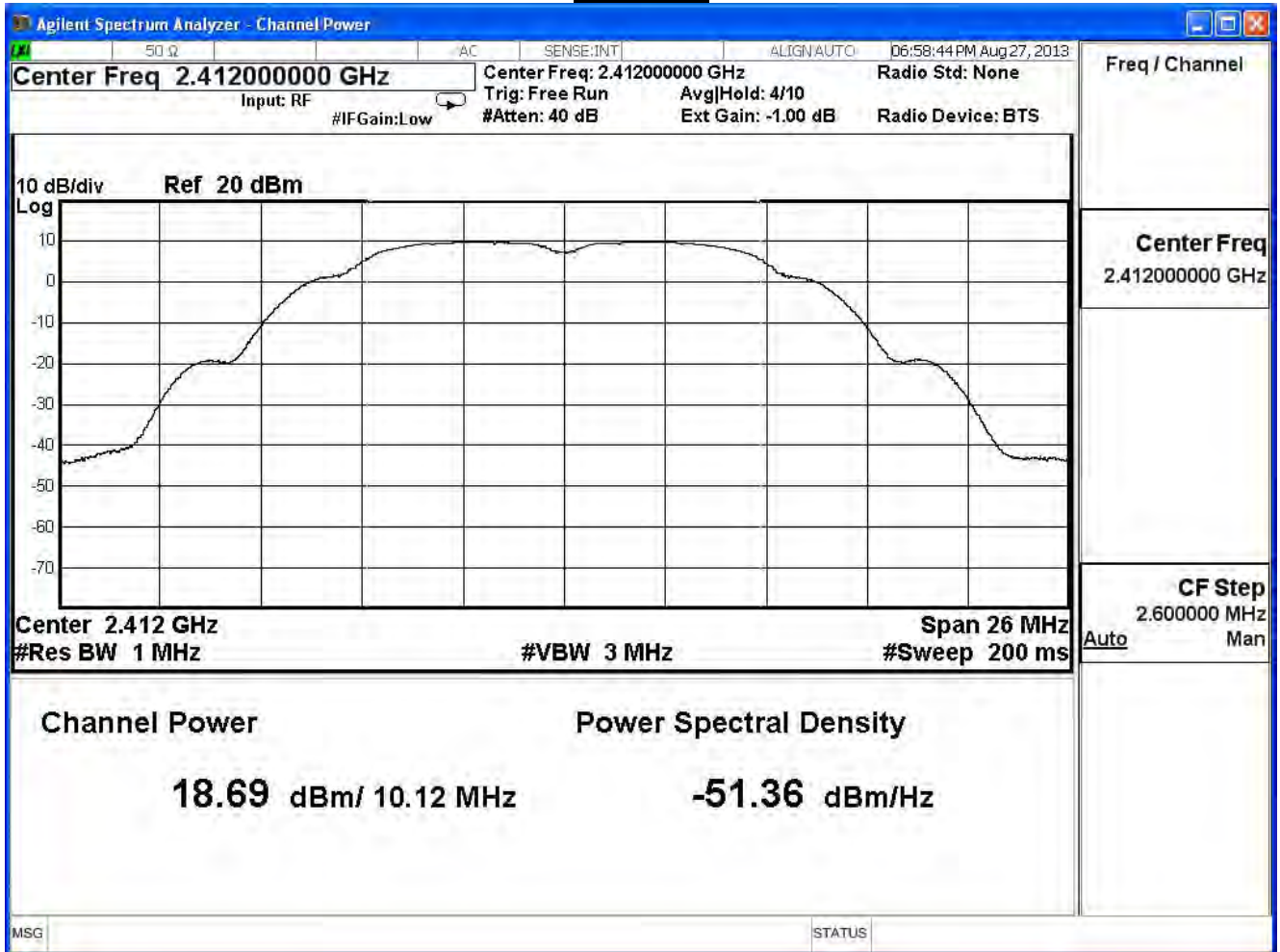
The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.69	--	--	--	30 dBm
6	2437	18.82	18.62	18.50	18.28	30 dBm
11	2462	20.41	--	--	--	30 dBm

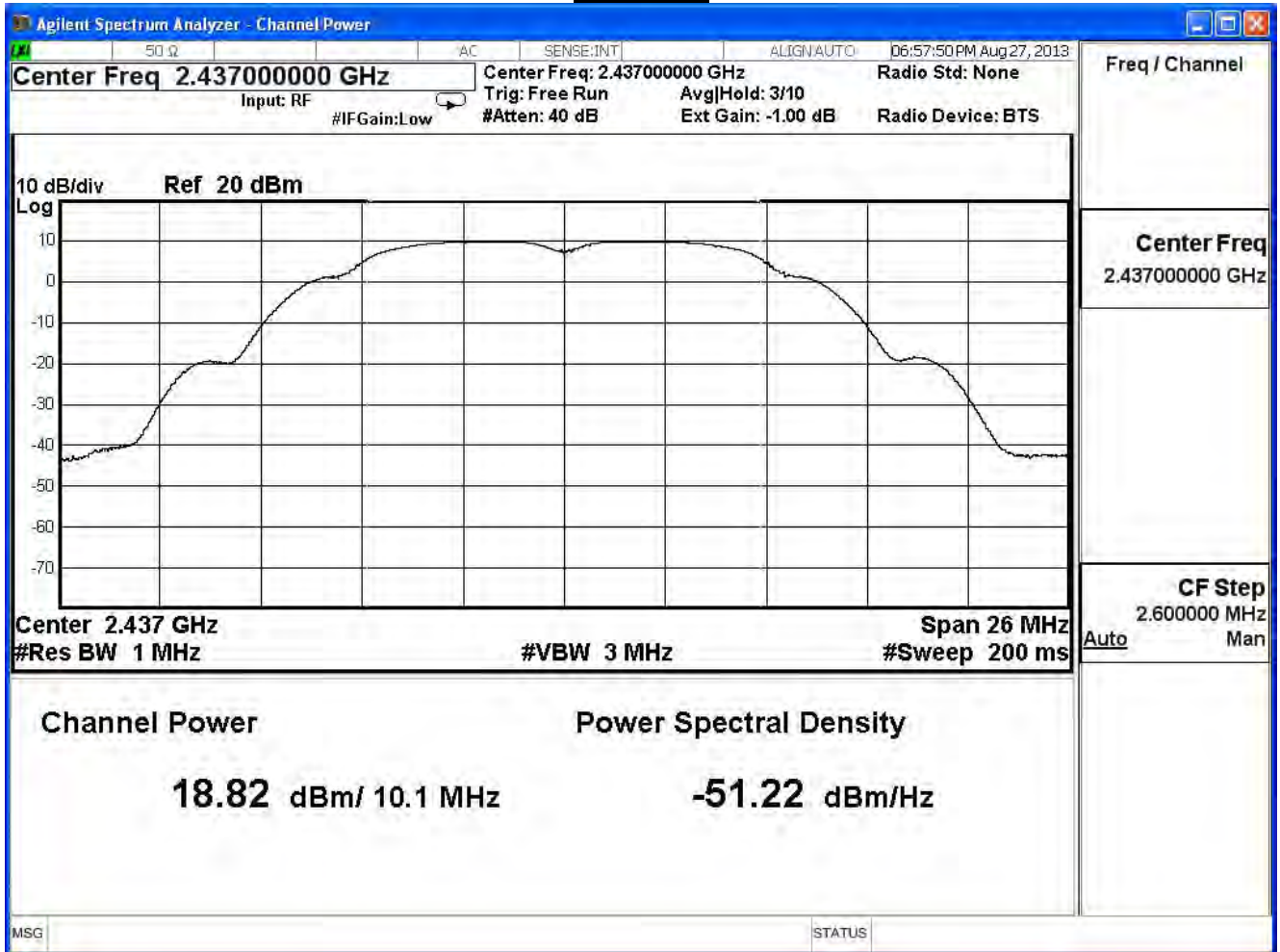
Note: Measure Level =Reading value + cable loss



Channel 1

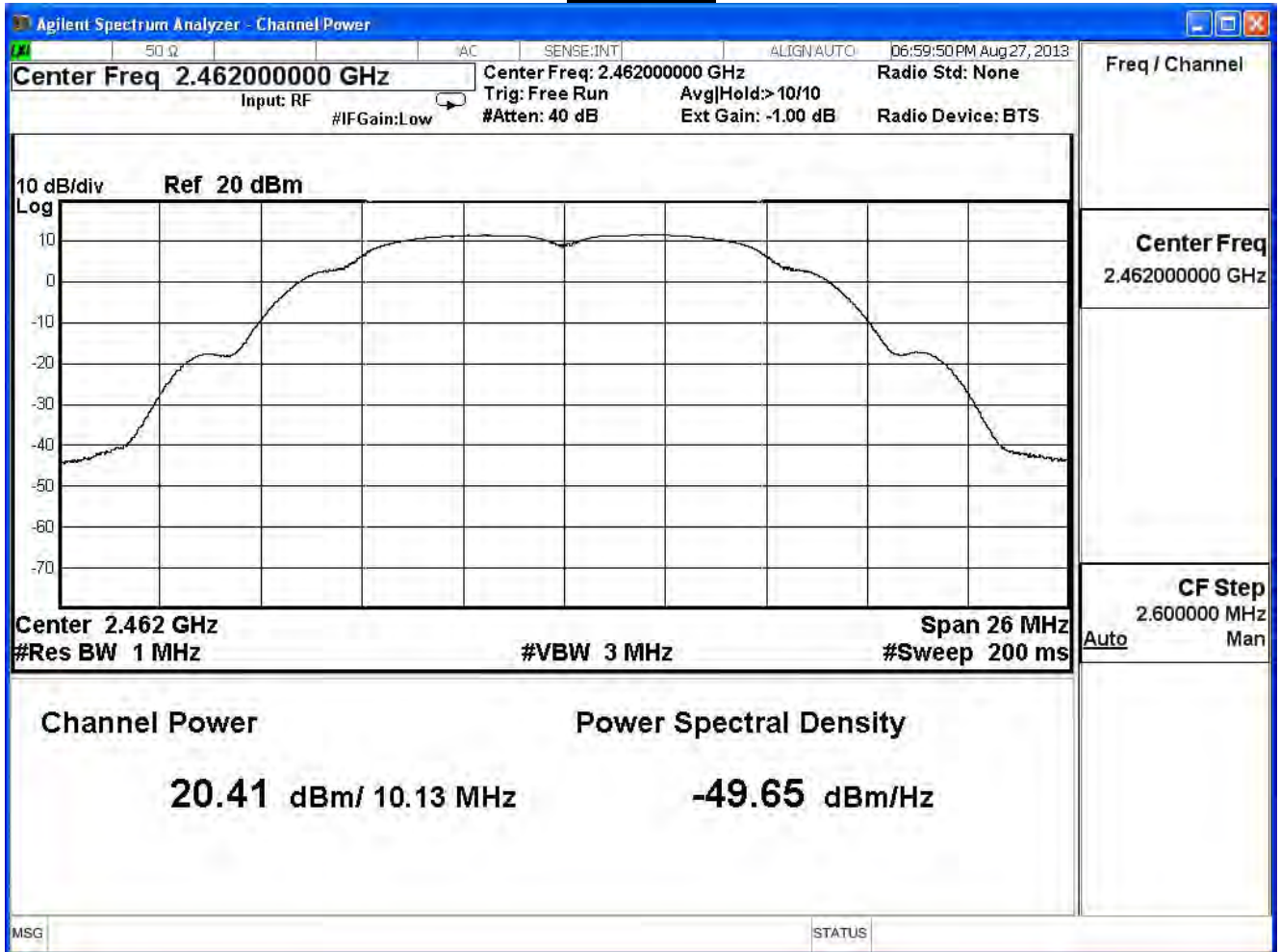


Channel 6





Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11b (ANT0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.44	≤ 30	Pass
6	2437	23.92	≤ 30	Pass
11	2462	25.30	≤ 30	Pass

The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	23.44	--	--	--	30 dBm
6	2437	23.92	23.37	23.59	23.45	30 dBm
11	2462	25.30	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

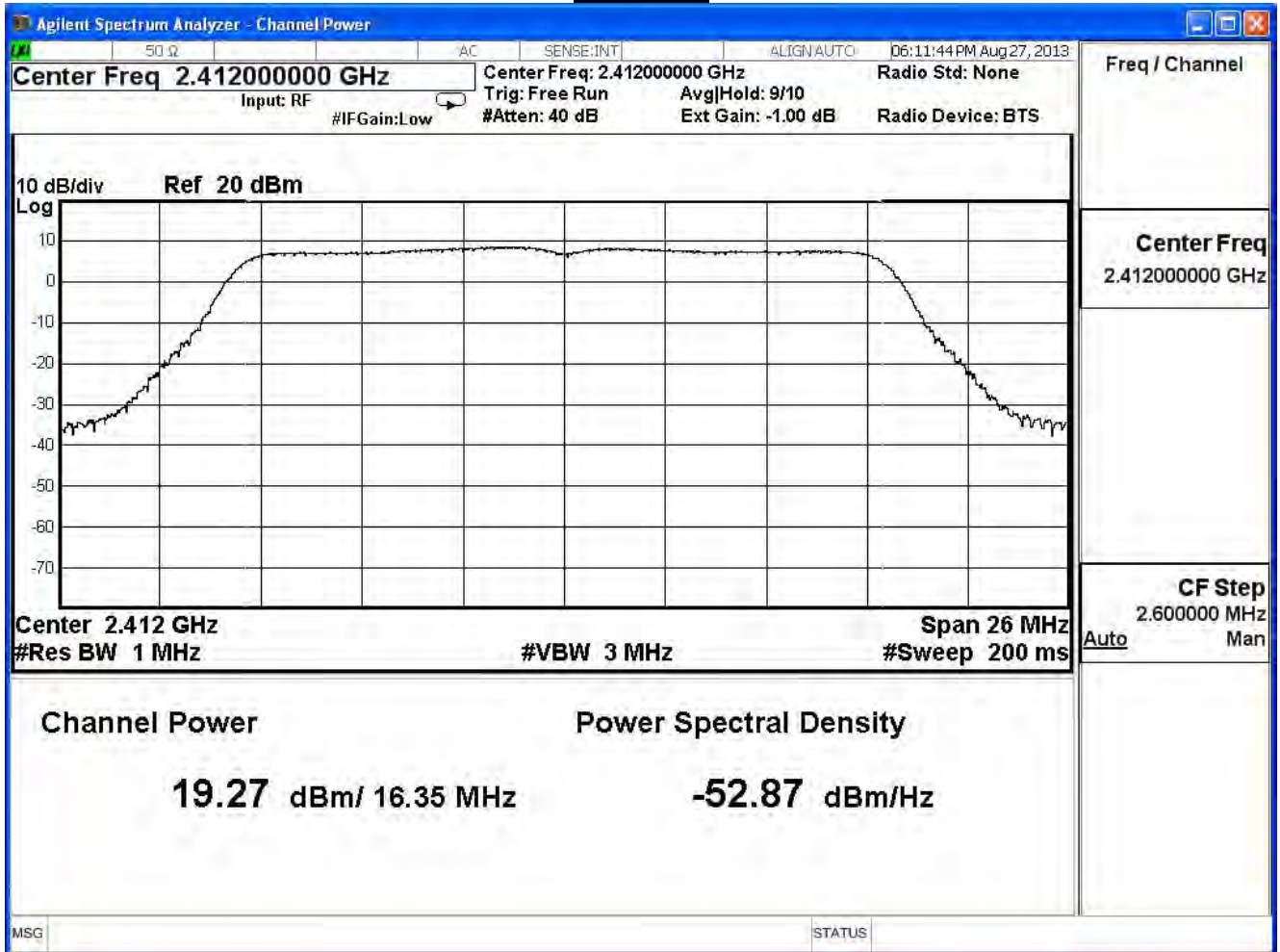
IEEE 802.11g (ANT0) , power index: ch1:79, ch6:100, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.27	≤ 30	Pass
6	2437	24.65	≤ 30	Pass
11	2462	18.32	≤ 30	Pass

The worst emission of data rate is 6Mbps.

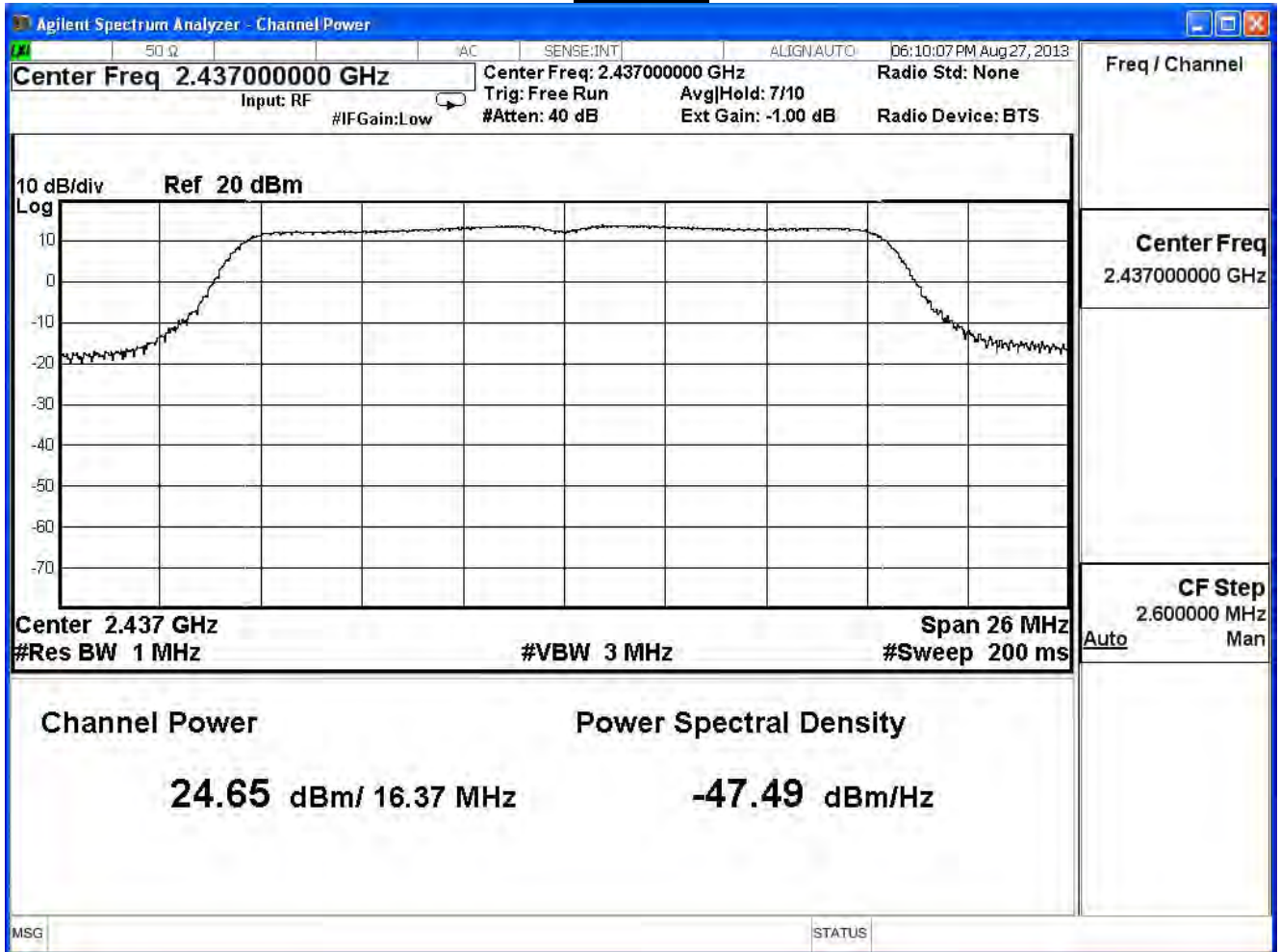
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	19.27	--	--	--	--	--	--	30 dBm
6	2437	24.65	24.45	24.23	23.97	23.85	23.63	23.51	30 dBm
11	2462	18.32	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

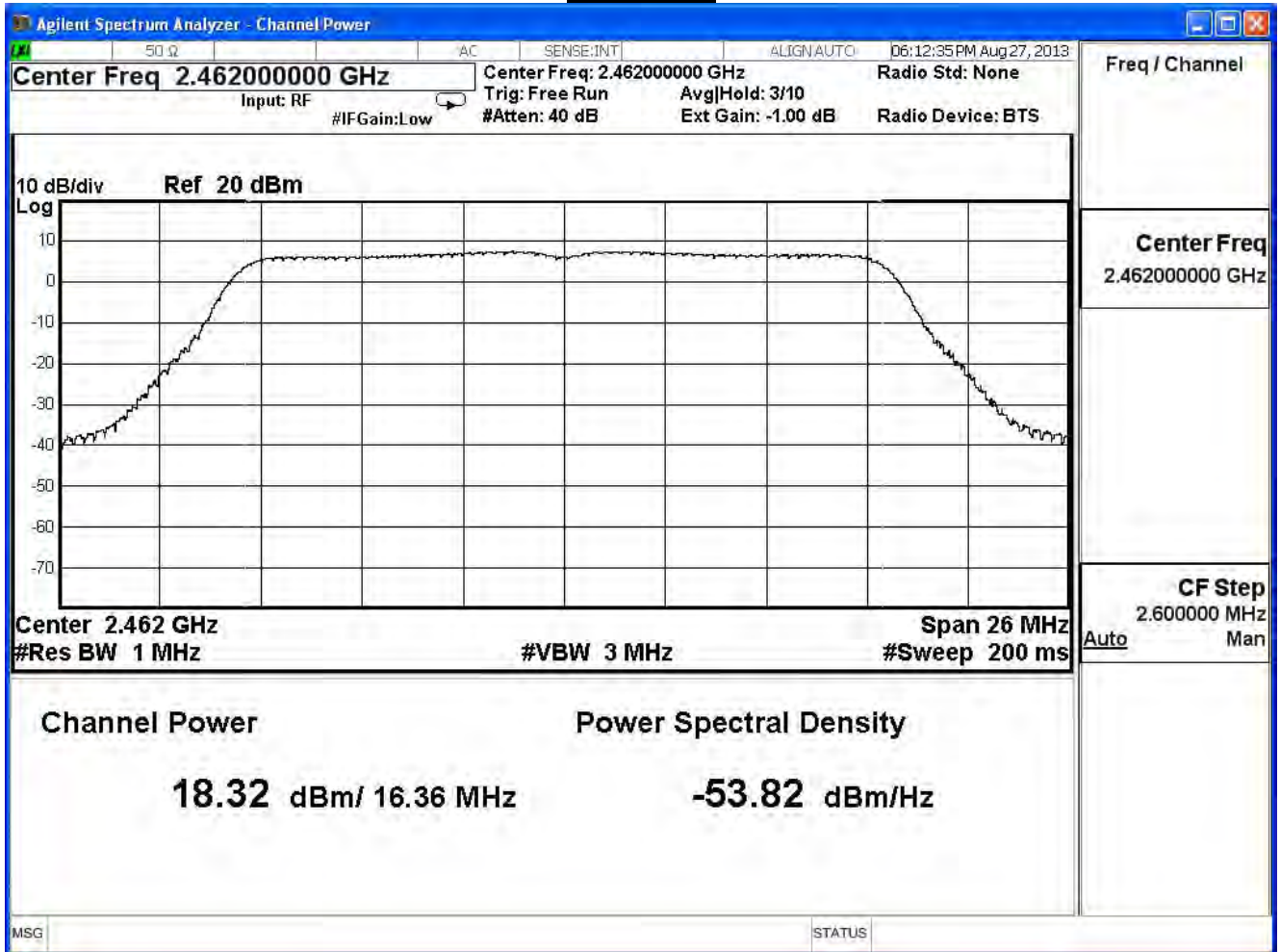
## Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11g (ANT1) , power index: ch1:79, ch6:100, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.31	≤ 30	Pass
6	2437	23.62	≤ 30	Pass
11	2462	17.83	≤ 30	Pass

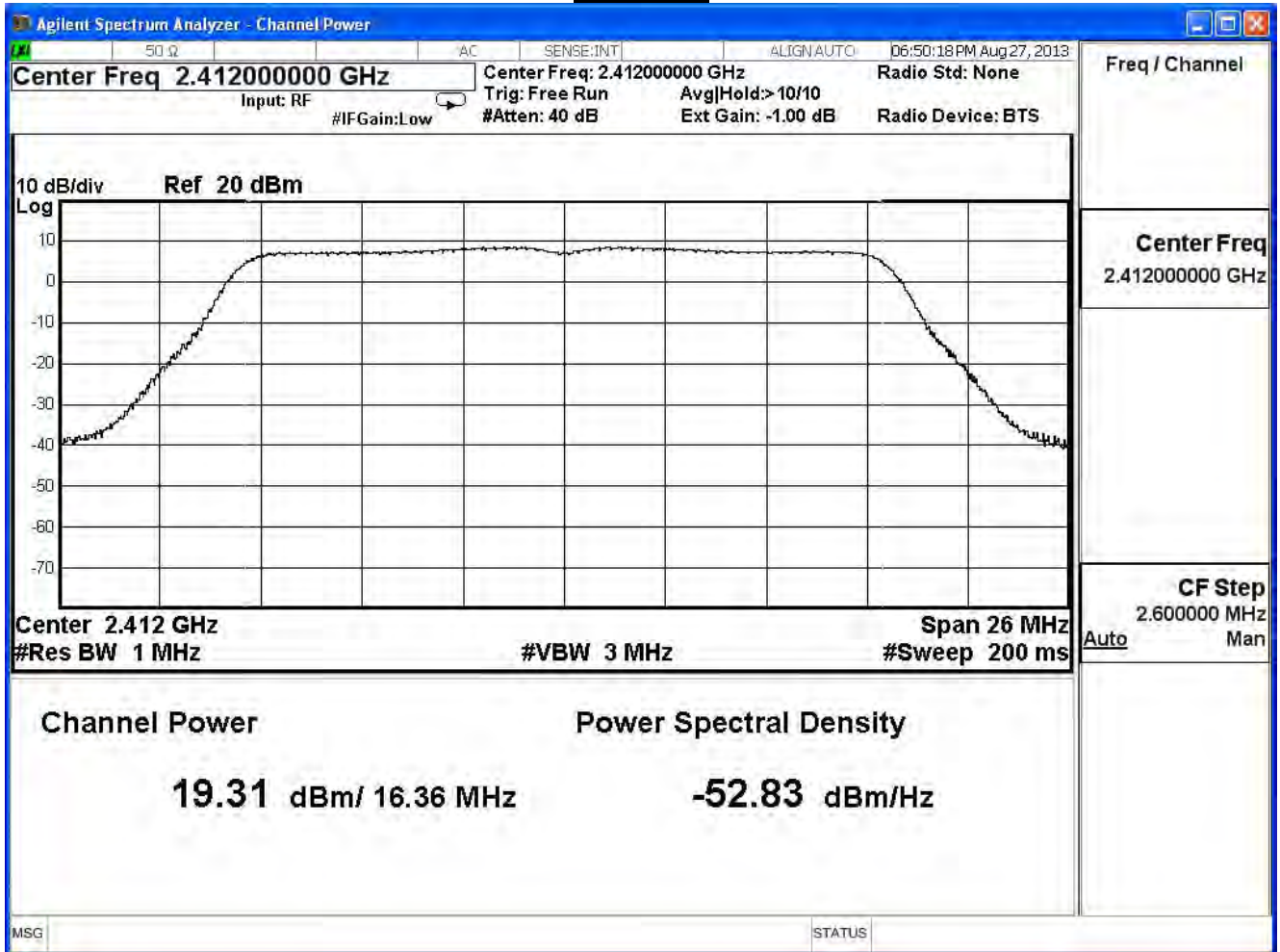
The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	19.31	--	--	--	--	--	--	30 dBm
6	2437	23.62	23.42	23.20	23.07	22.95	22.84	22.60	30 dBm
11	2462	17.83	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

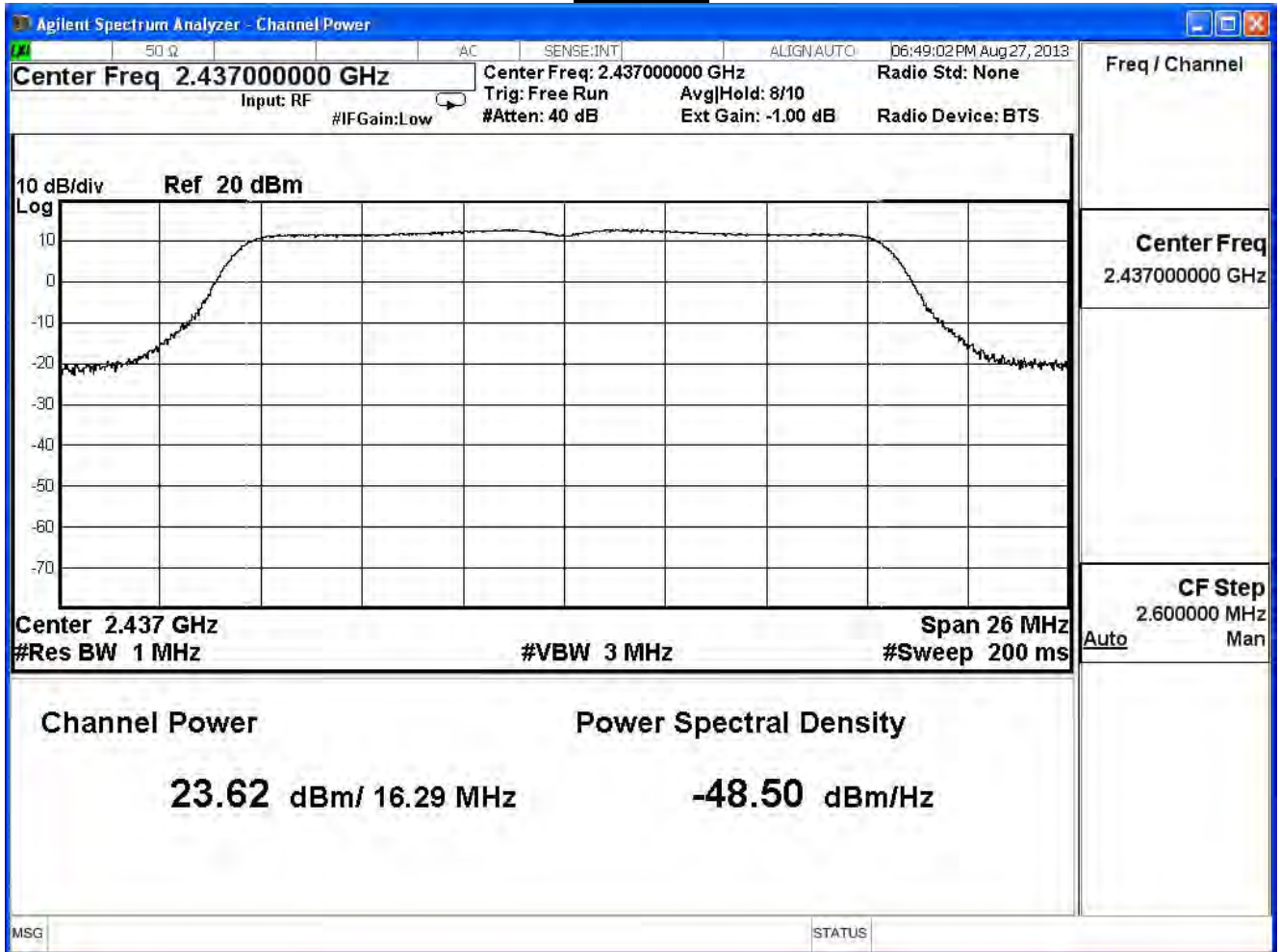


Channel 1

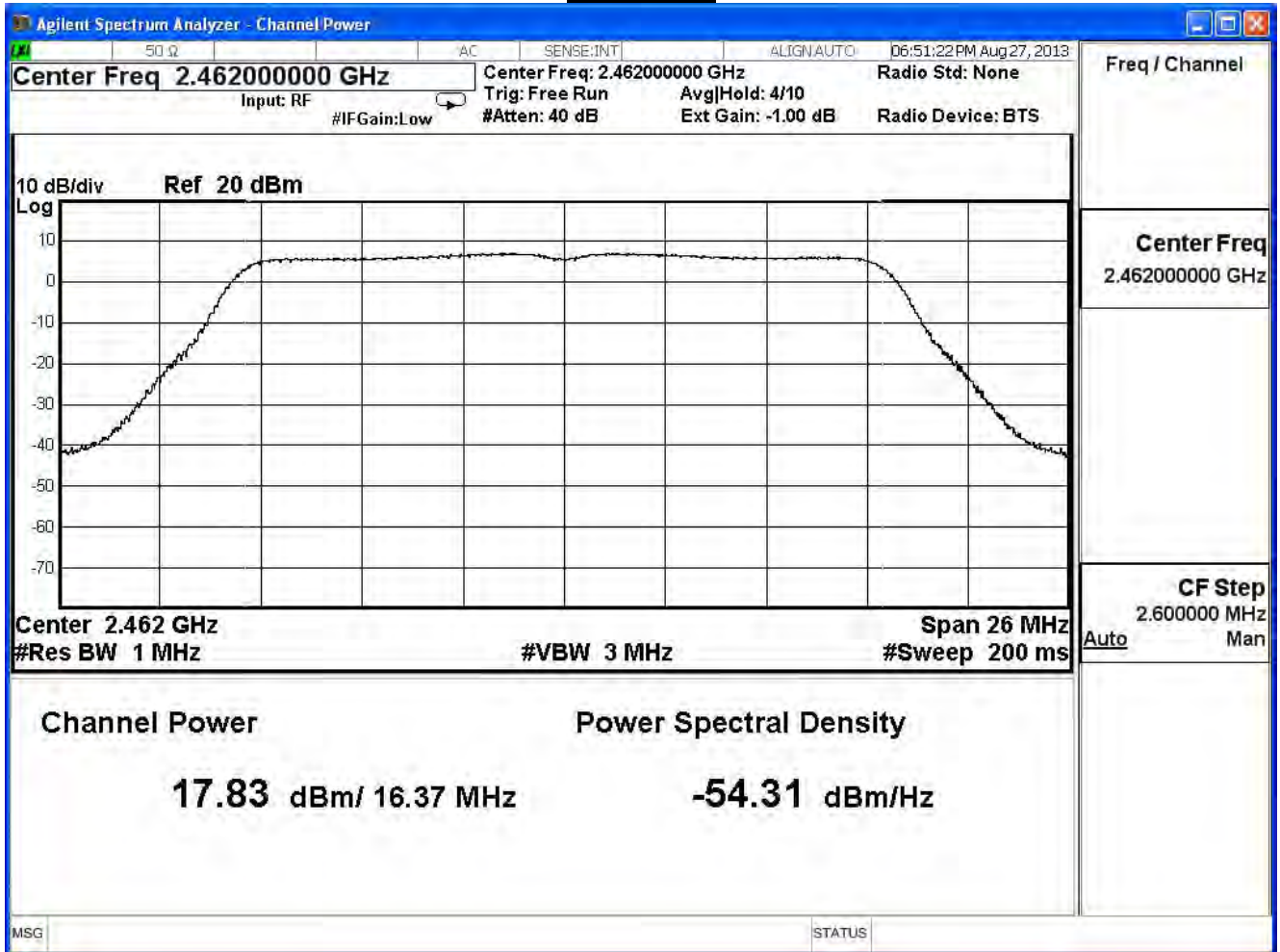




Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

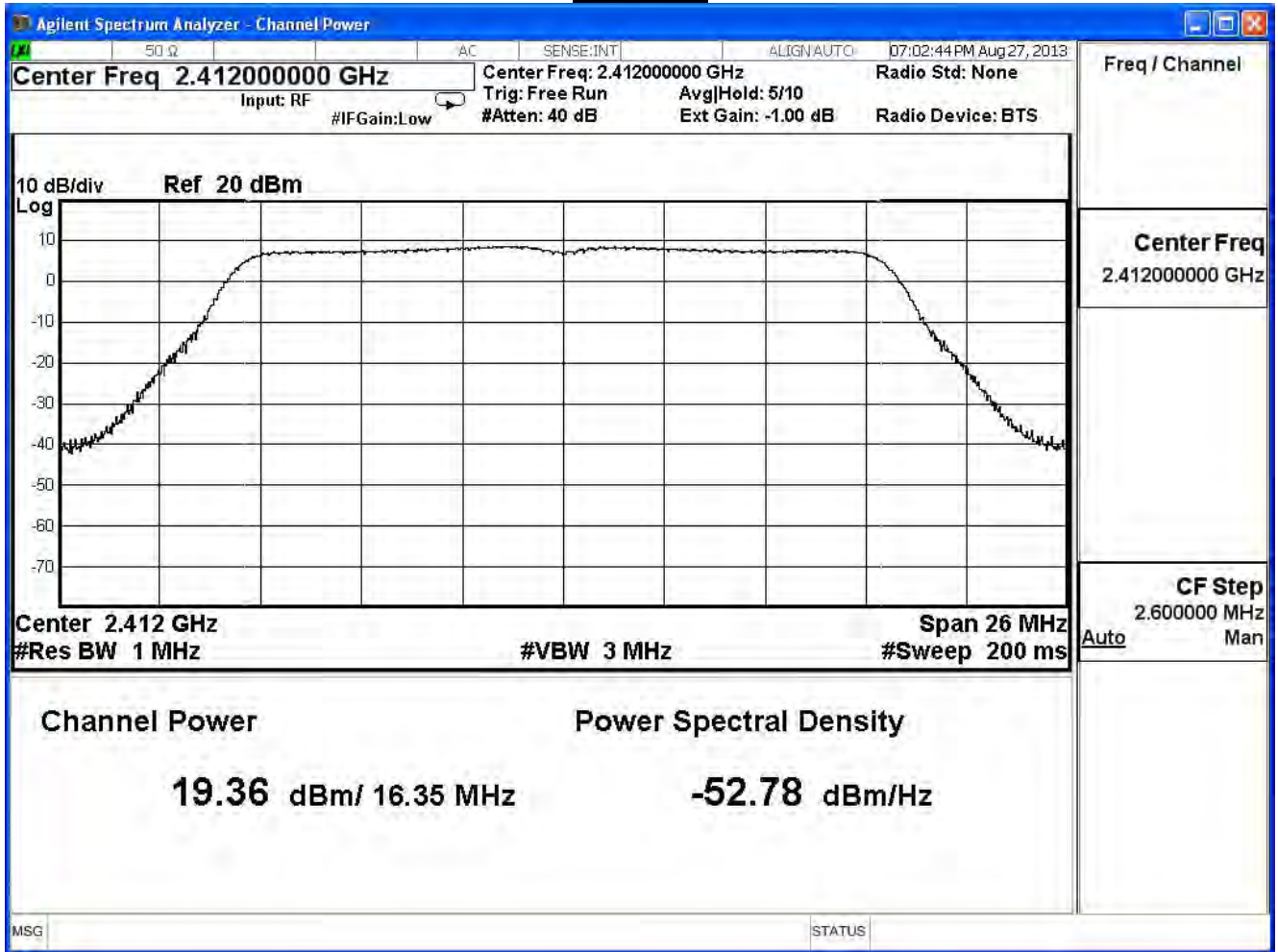
IEEE 802.11g (ANT2) , power index: ch1:79, ch6:100, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.36	≤ 30	Pass
6	2437	23.87	≤ 30	Pass
11	2462	17.99	≤ 30	Pass

The worst emission of data rate is 6Mbps.

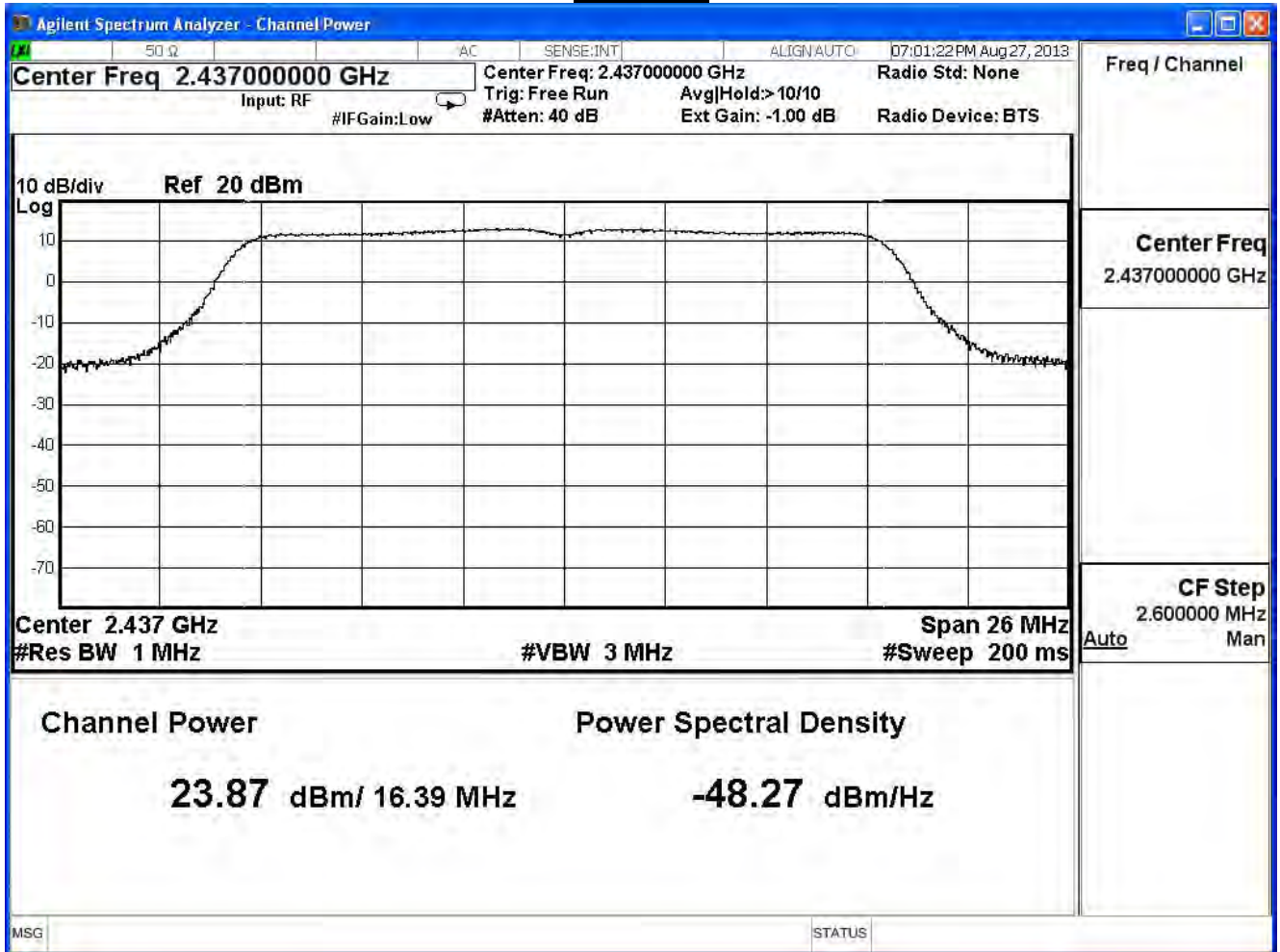
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	19.36	--	--	--	--	--	--	30 dBm
6	2437	23.87	23.77	23.55	23.29	23.17	23.06	22.94	30 dBm
11	2462	17.99	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

Channel 1

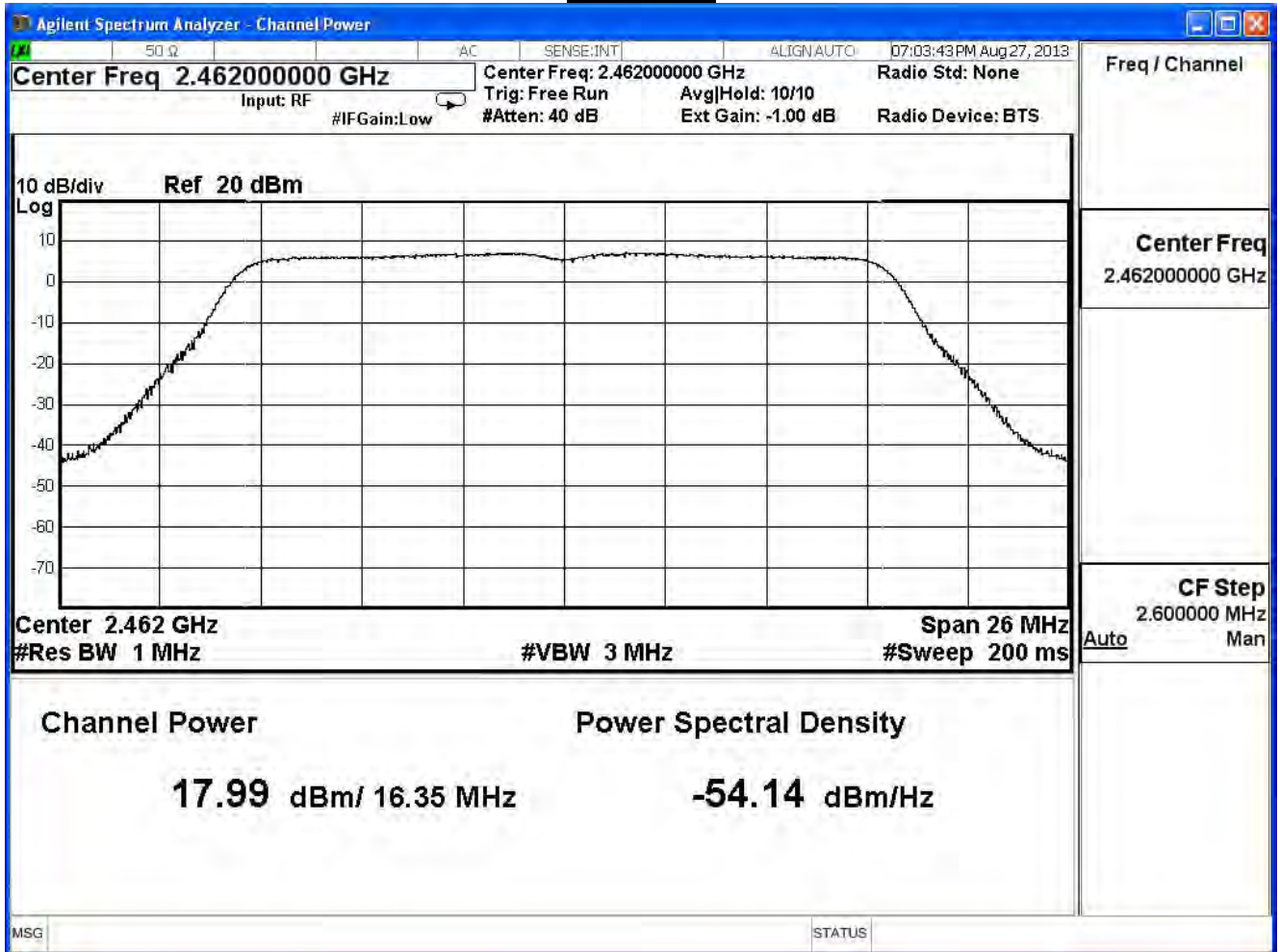


Channel 6





Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11g (ANT0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	24.08	≤ 30	Pass
6	2437	28.84	≤ 30	Pass
11	2462	22.82	≤ 30	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	24.08	--	--	--	--	--	--	30 dBm
6	2437	28.84	28.67	28.10	28.23	28.11	27.96	27.80	30 dBm
11	2462	22.82	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0) , power index: ch1:56, ch6:91, ch11:58

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.62	≤ 30	Pass
6	2437	23.54	≤ 30	Pass
11	2462	17.67	≤ 30	Pass

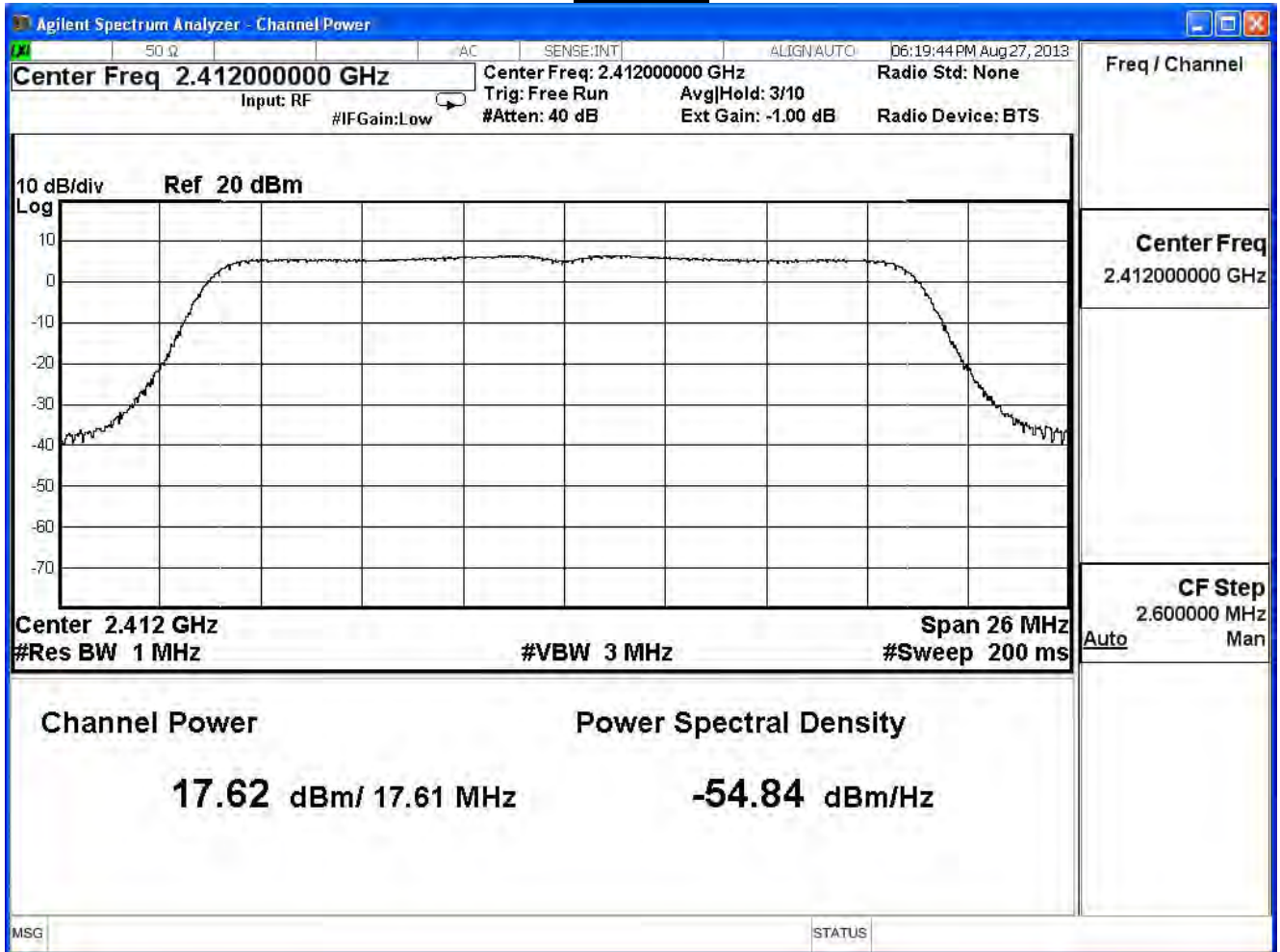
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	17.62	--	--	--	--	--	--	--	30dBm
6	2437	23.54	23.42	23.32	23.21	23.08	22.84	22.60	22.49	30dBm
11	2462	17.67	--	--	--	--	--	--	--	30dBm

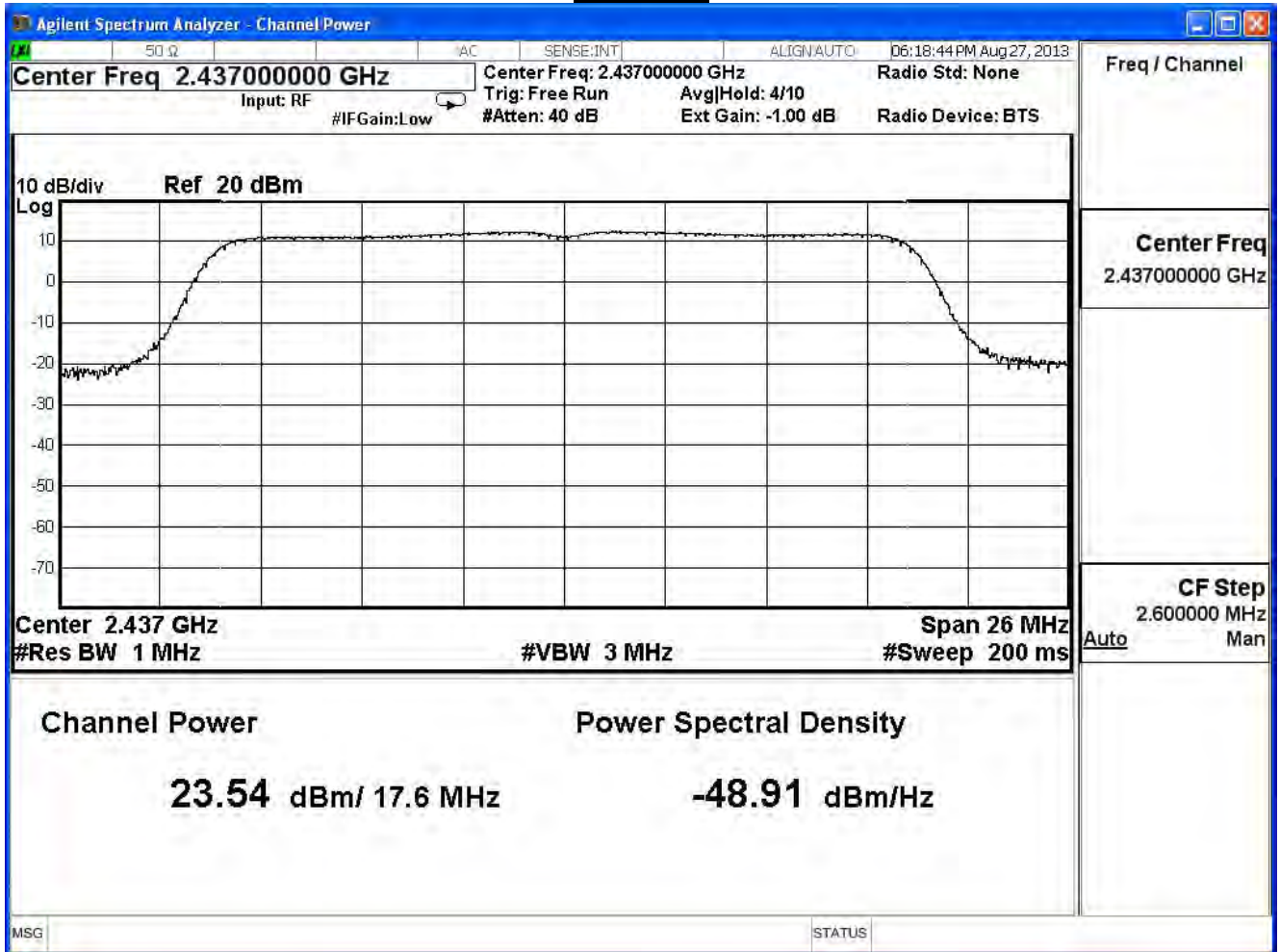
Note: Measure Level =Reading value + cable loss



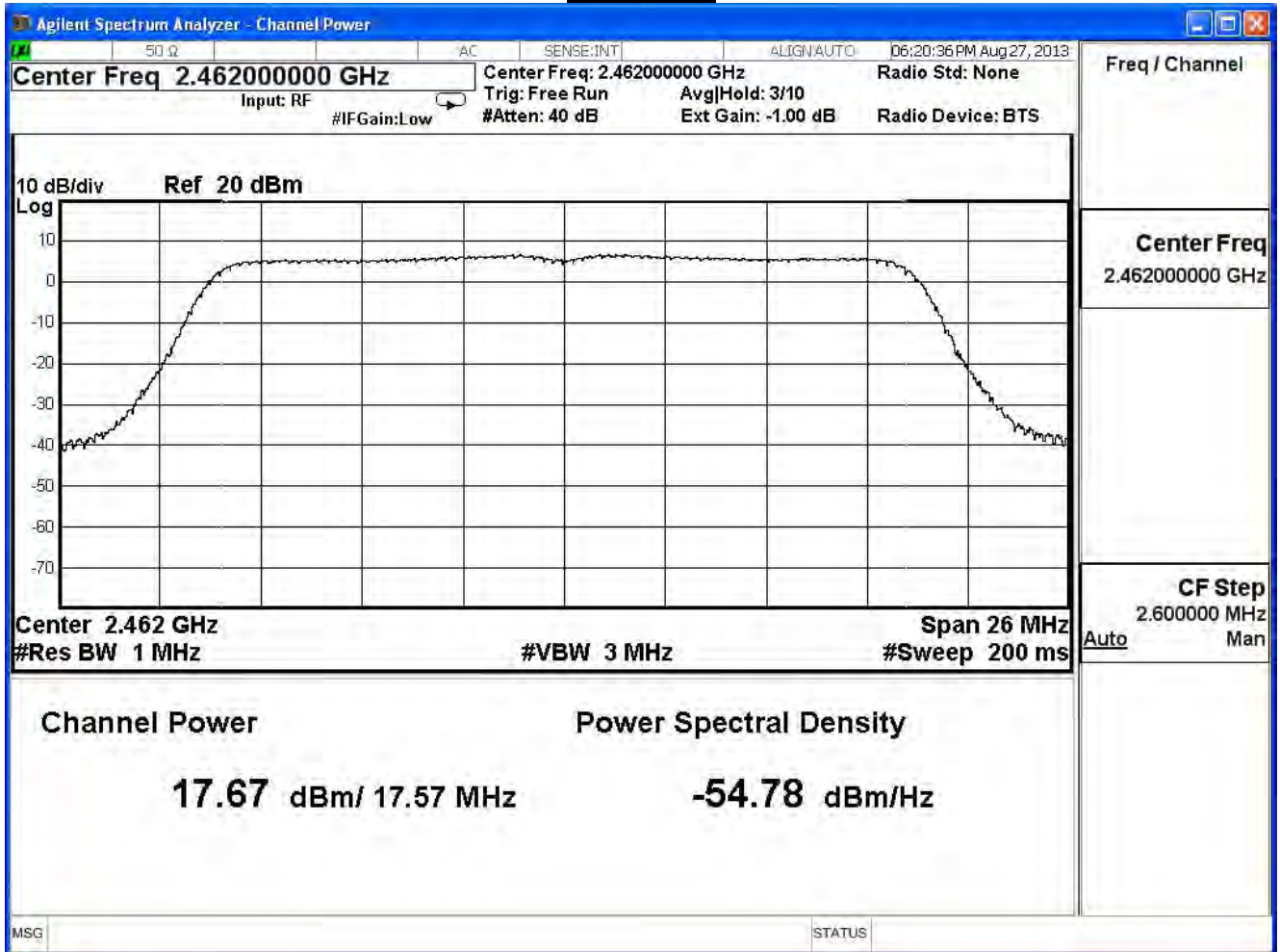
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1) , power index: ch1:56, ch6:91, ch11:58

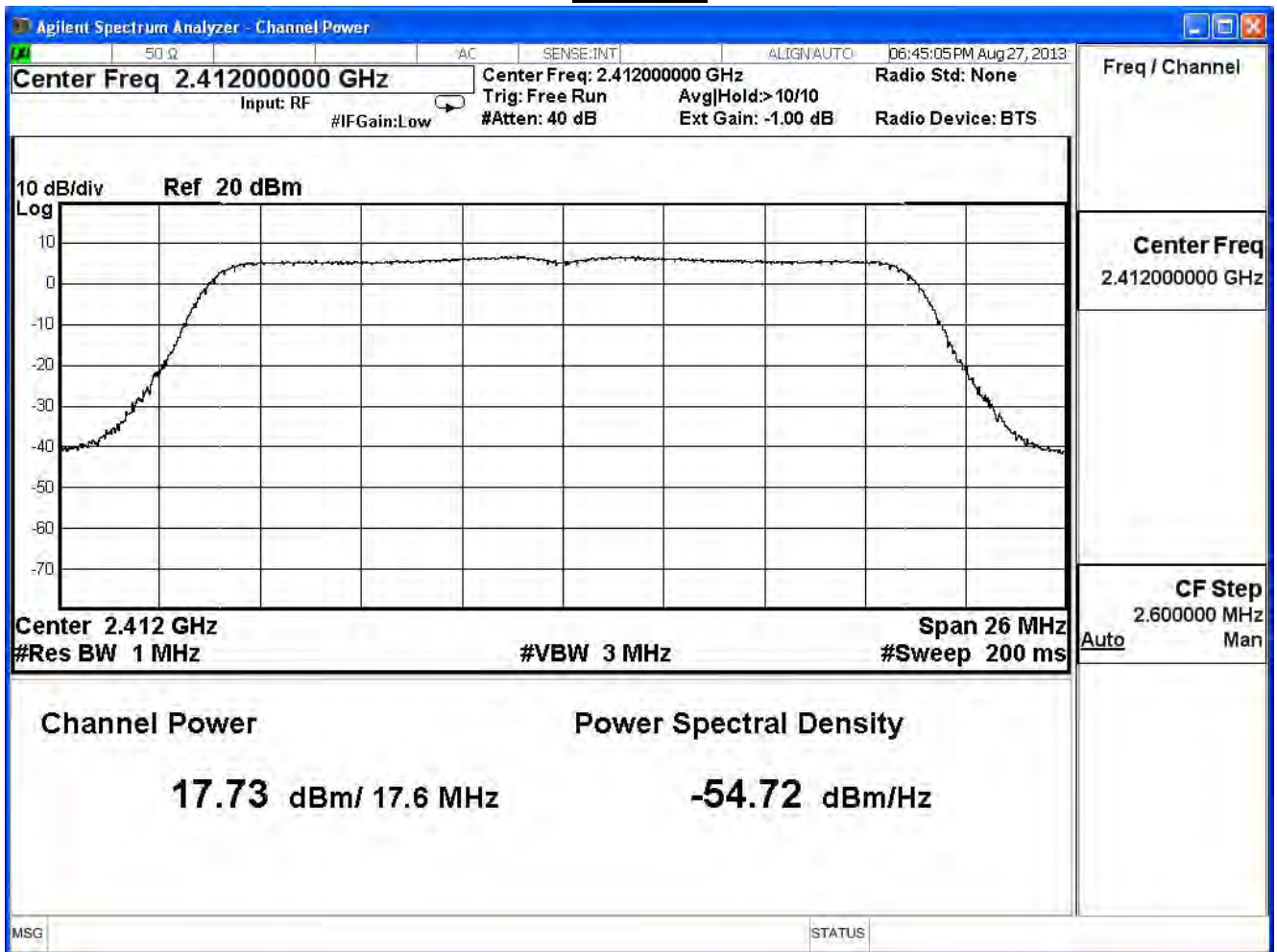
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.73	≤ 30	Pass
6	2437	22.78	≤ 30	Pass
11	2462	17.34	≤ 30	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	17.73	--	--	--	--	--	--	--	30dBm
6	2437	22.78	22.68	22.56	22.36	22.24	22.12	22.00	21.87	30dBm
11	2462	17.34	--	--	--	--	--	--	--	30dBm

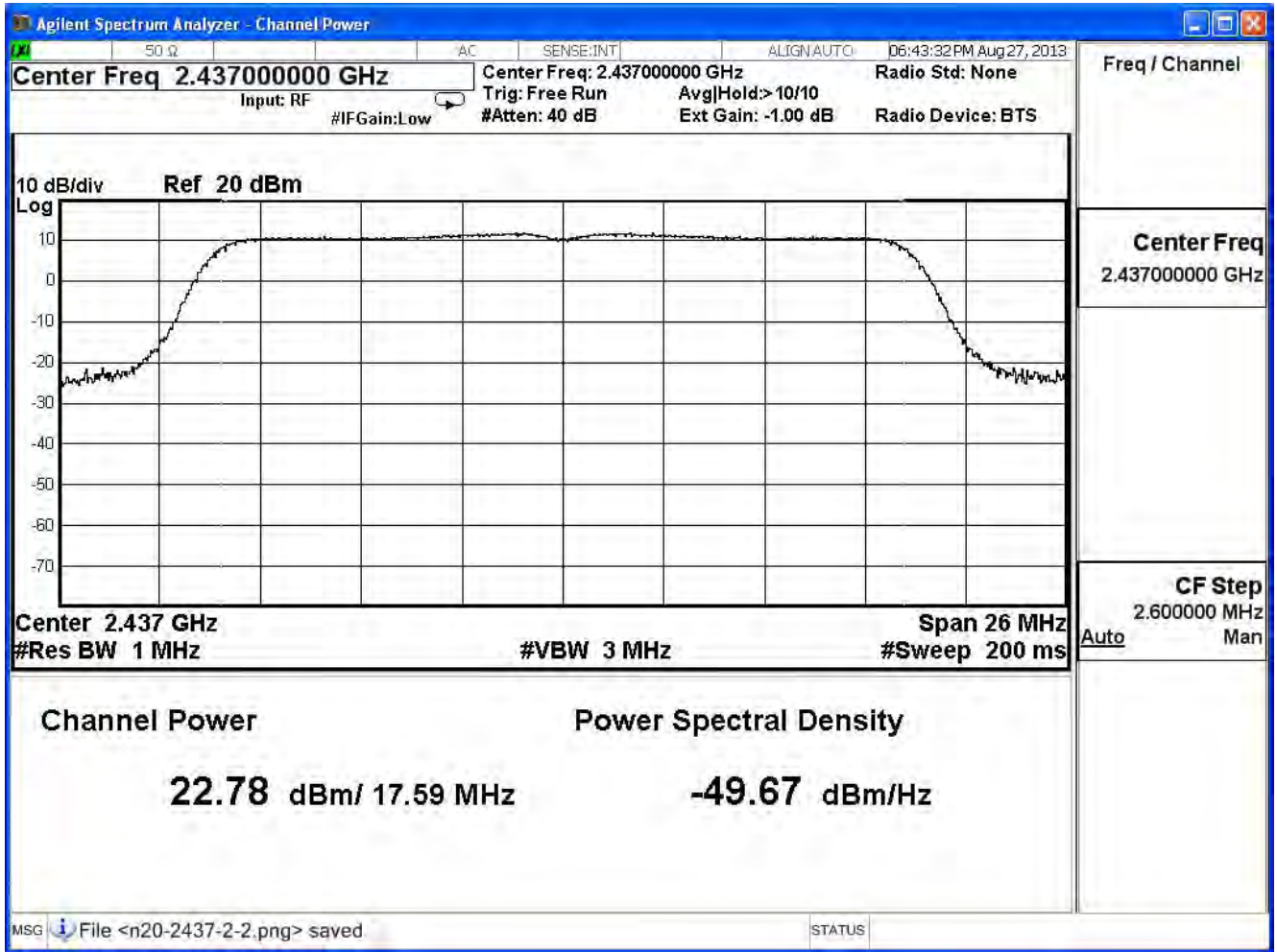
Note: Measure Level =Reading value + cable loss

Channel 1

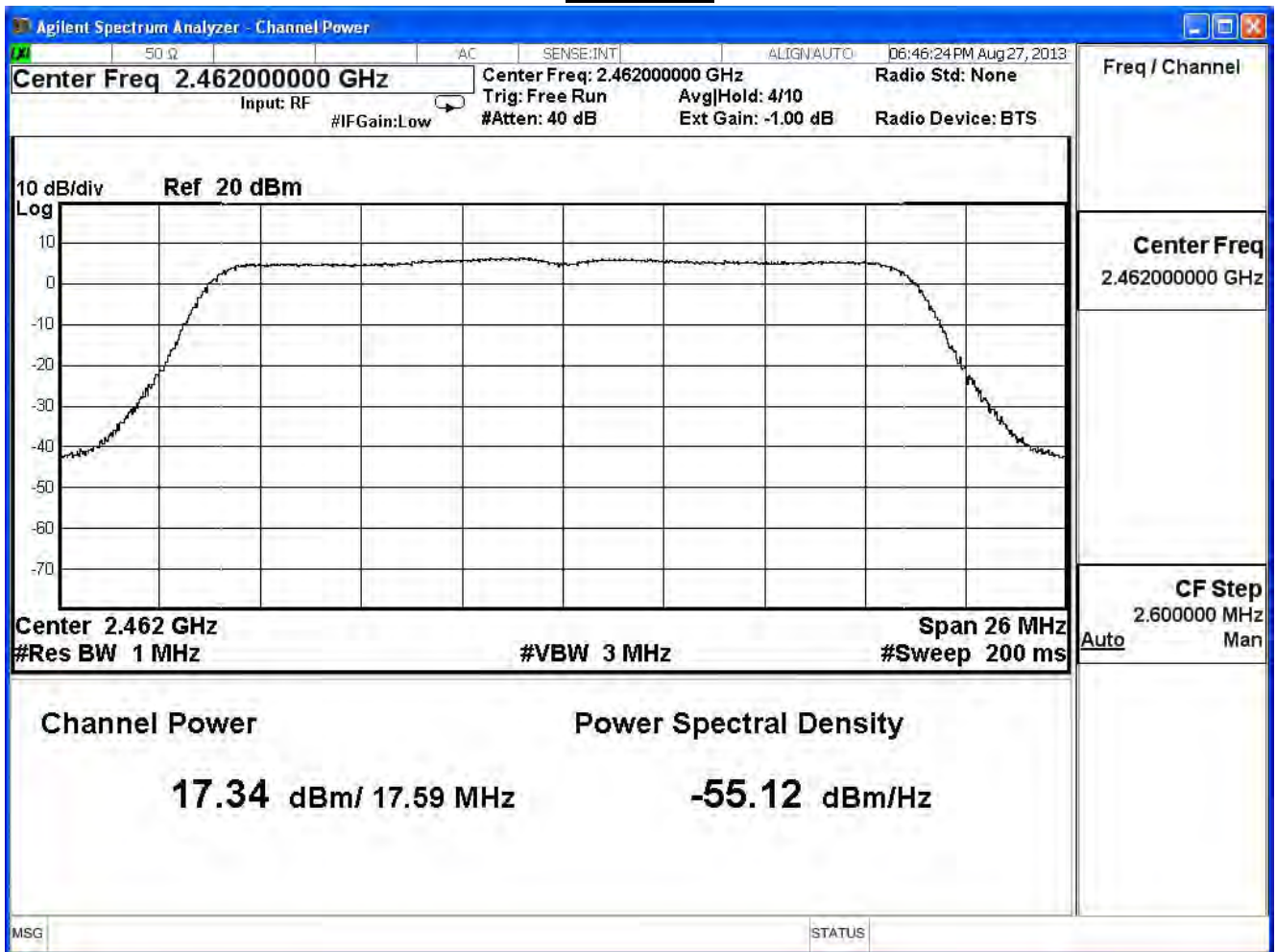




**Channel 6**



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2) , power index: ch1:56, ch6:91, ch11:58

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.73	≤ 30	Pass
6	2437	22.64	≤ 30	Pass
11	2462	17.19	≤ 30	Pass

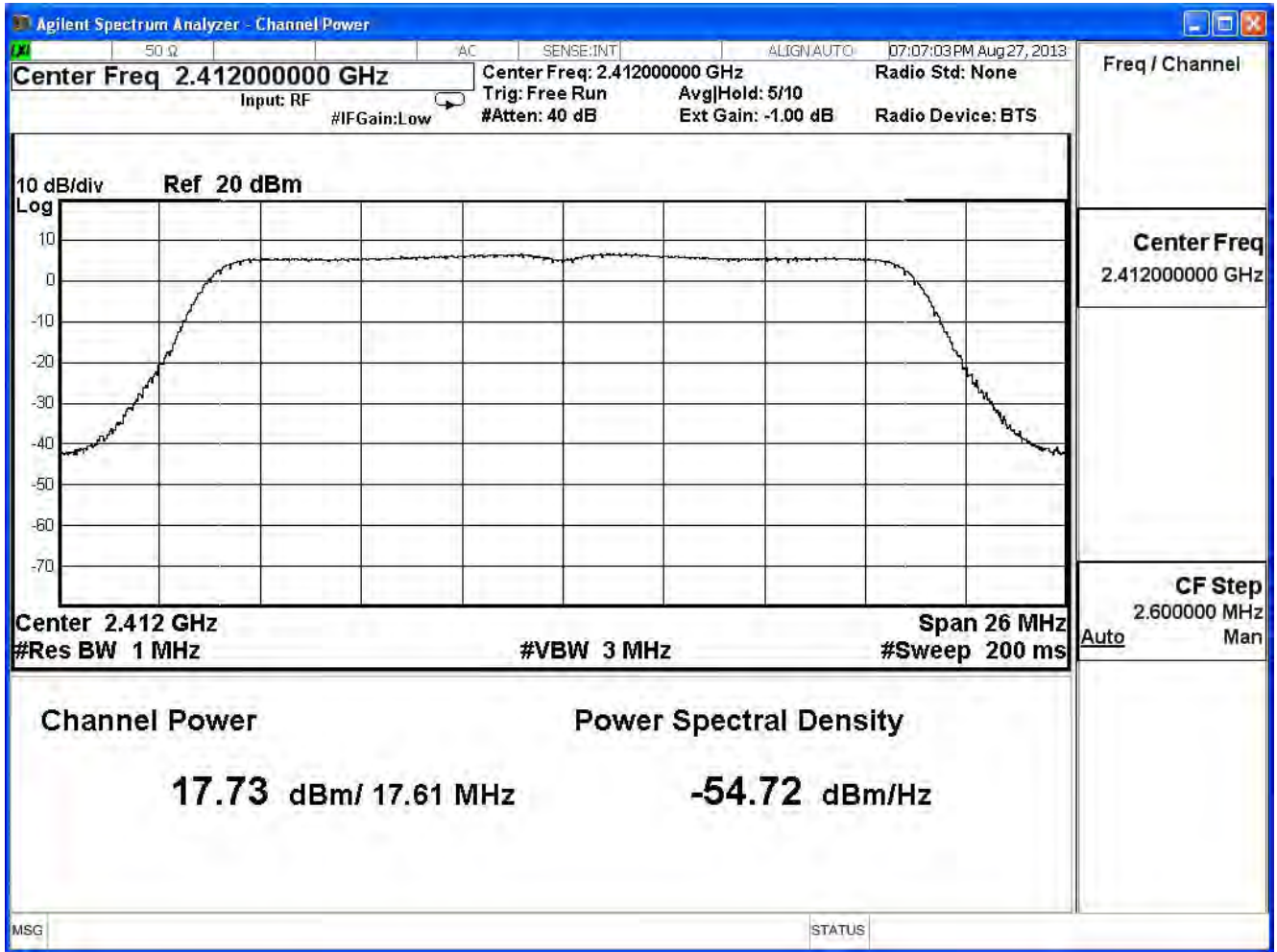
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	17.73	--	--	--	--	--	--	--	30dBm
6	2437	22.64	22.54	22.41	22.21	21.95	21.83	21.59	21.35	30dBm
11	2462	17.19	--	--	--	--	--	--	--	30dBm

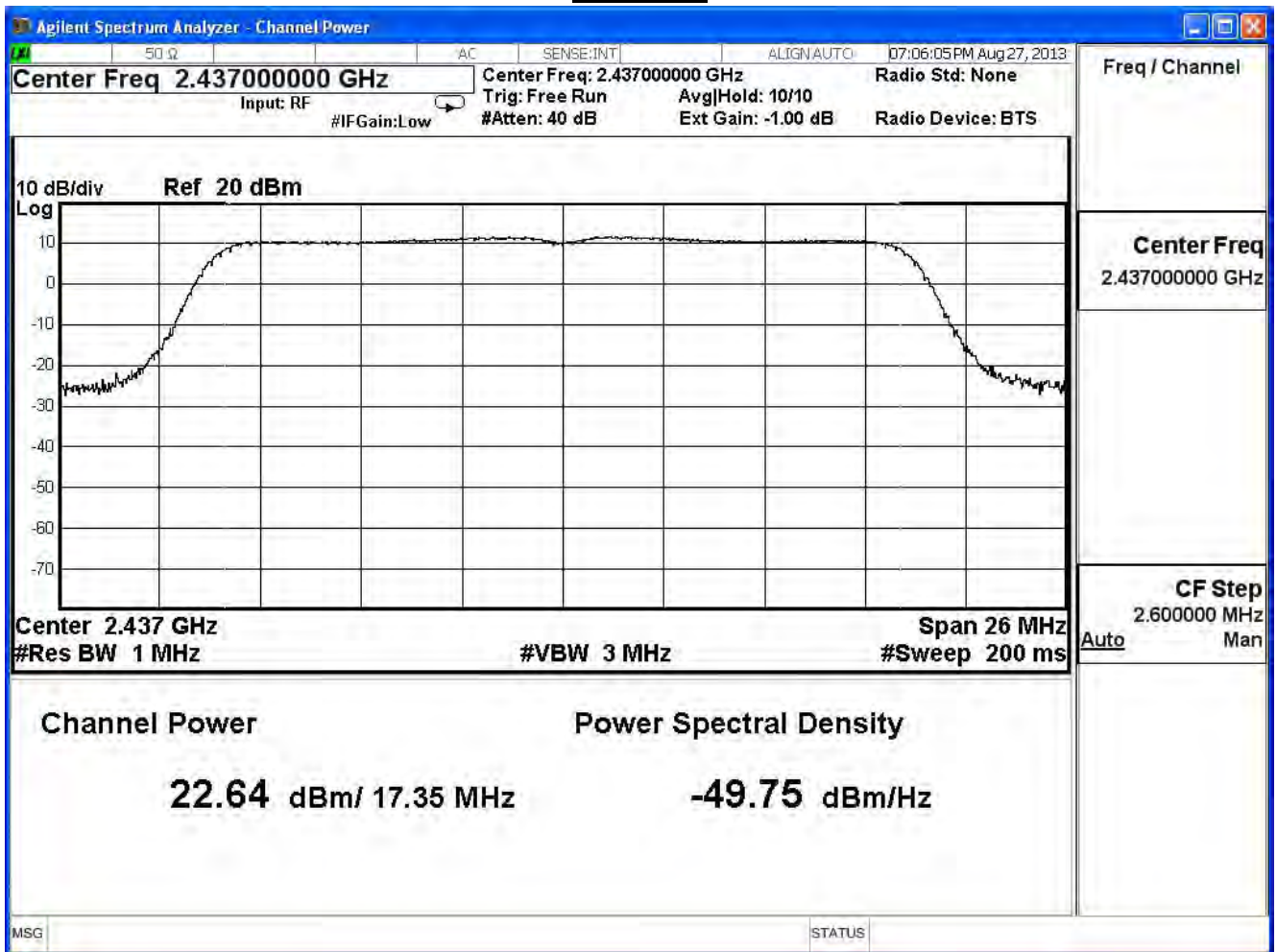
Note: Measure Level =Reading value + cable loss



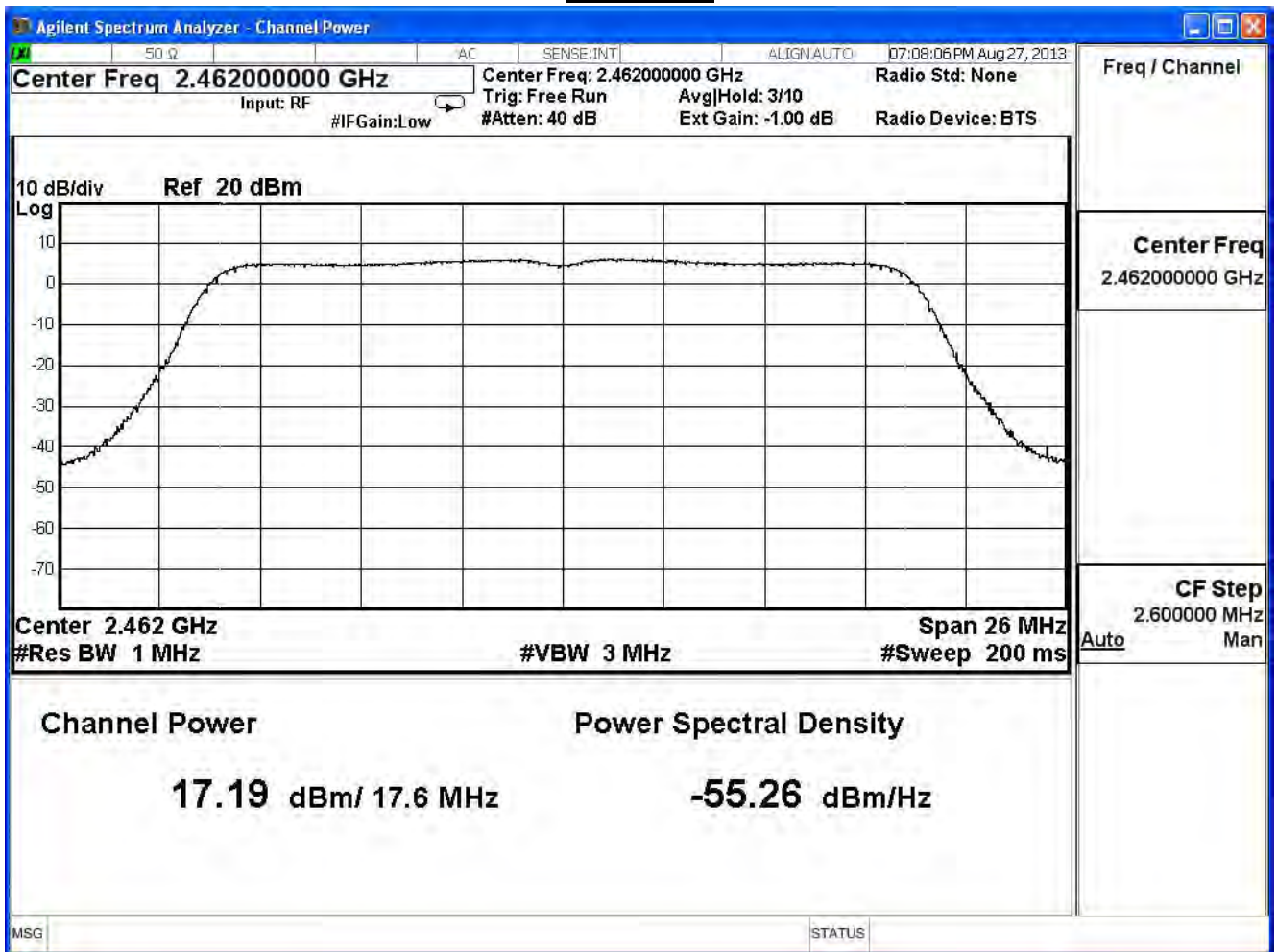
Channel 1



**Channel 6**



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	22.46	≤ 30	Pass
6	2437	27.78	≤ 30	Pass
11	2462	22.18	≤ 30	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	22.46	--	--	--	--	--	--	--	30dBm
6	2437	27.78	27.67	27.55	27.39	27.22	27.06	26.85	26.70	30dBm
11	2462	22.18	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11n 40MHz (ANT 0) , power index: ch3:55, ch6:96, ch9:53

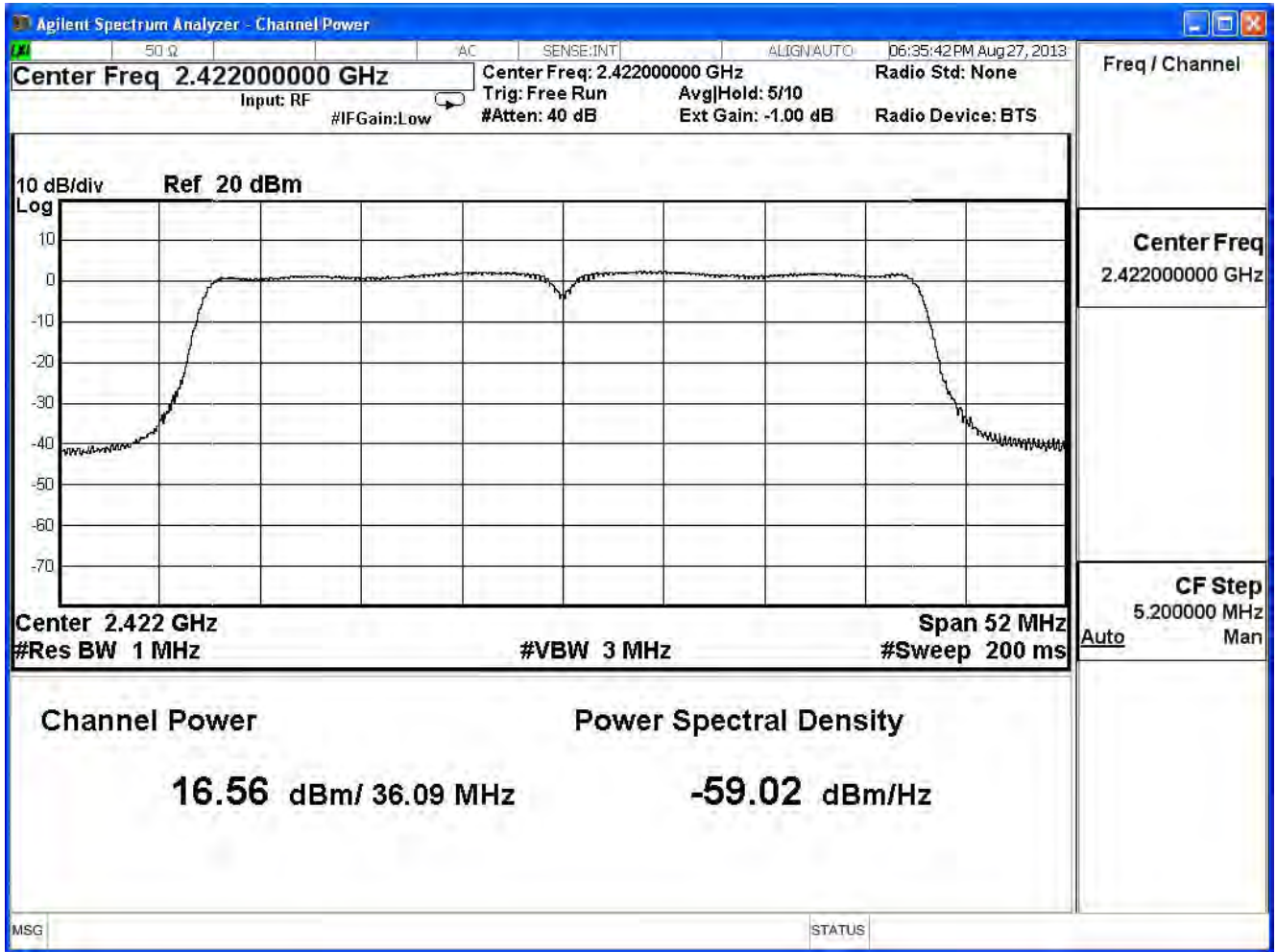
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.56	≤ 30	Pass
6	2437	19.04	≤ 30	Pass
9	2452	15.66	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	16.56	--	--	--	--	--	--	--	30dBm
6	2437	19.04	18.84	18.62	18.52	18.42	18.18	18.05	17.93	30dBm
9	2452	15.66	--	--	--	--	--	--	--	30dBm

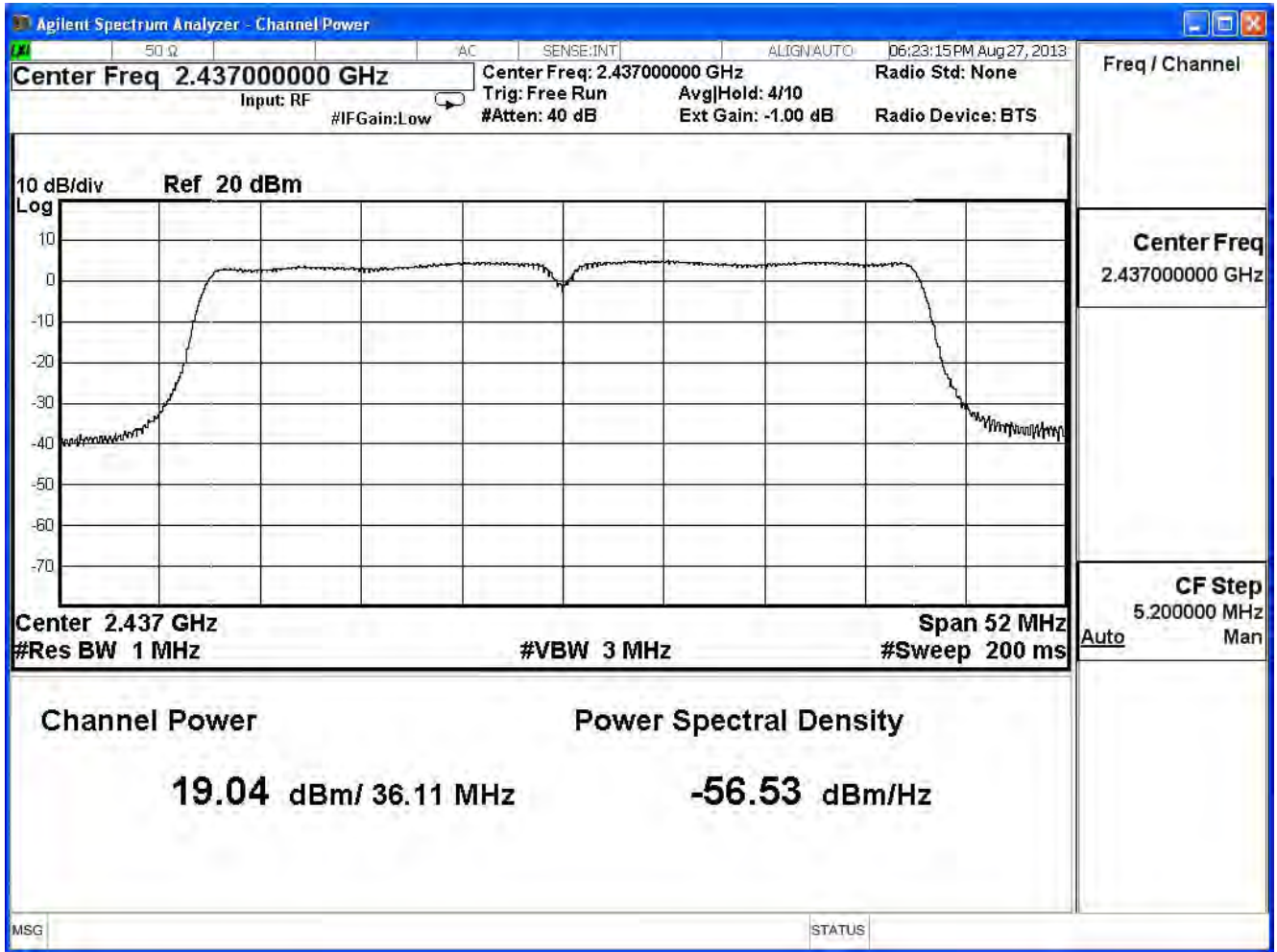
Note: Measure Level =Reading value + cable loss

**Channel 3**

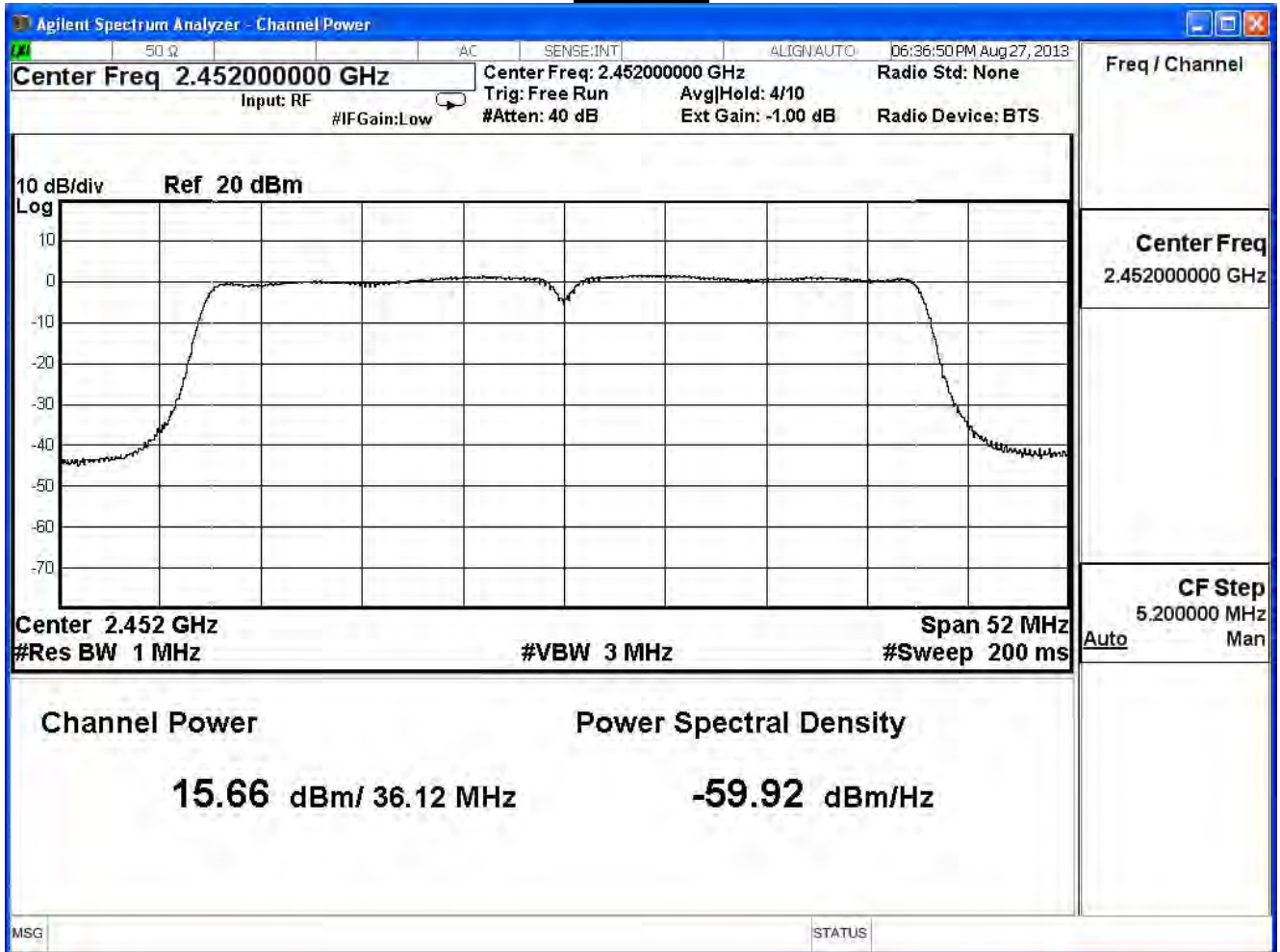




**Channel 6**



Channel 9





Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11n 40MHz (ANT 1) , power index: ch3:55, ch6:96, ch9:53

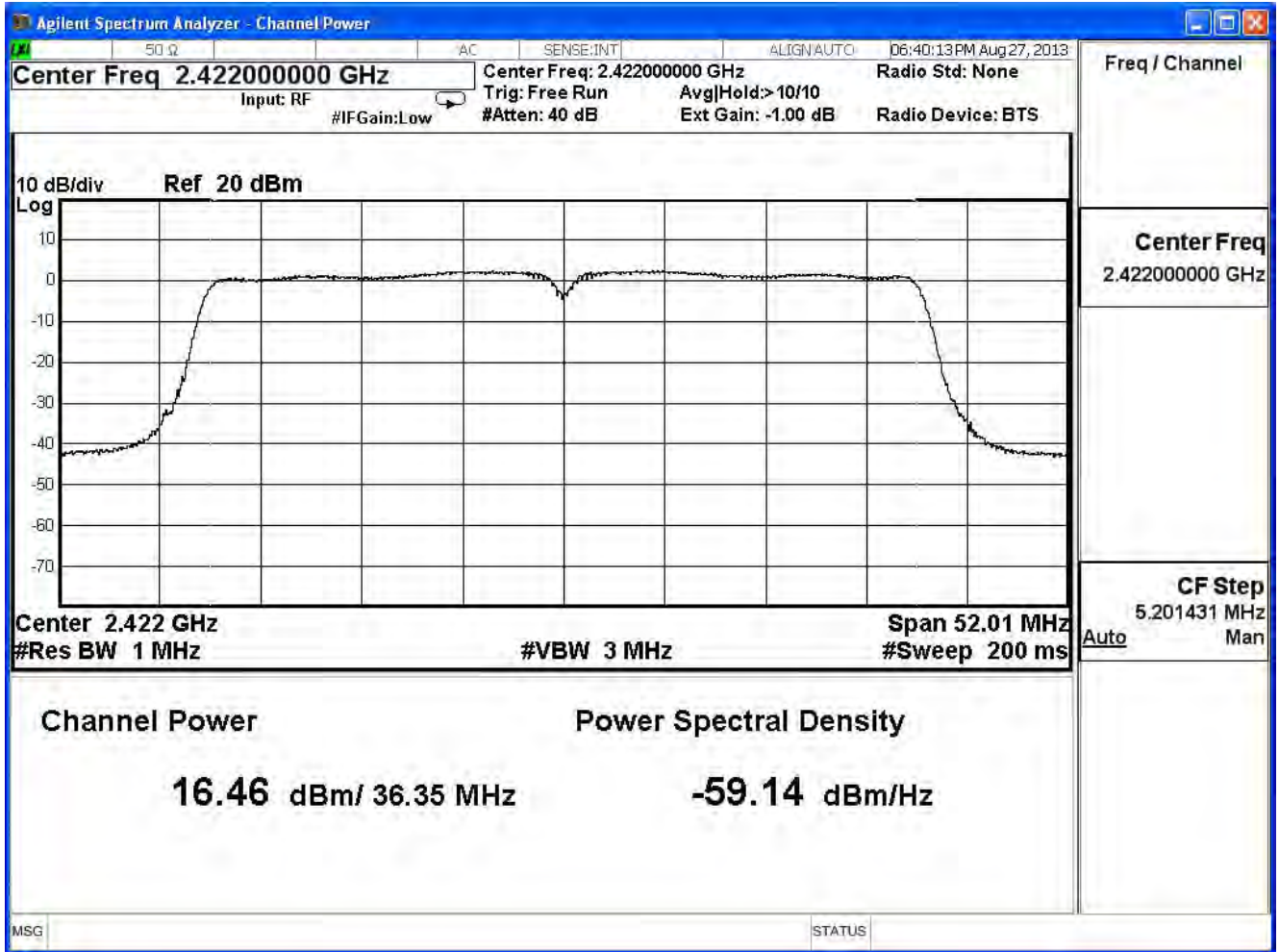
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.46	≤ 30	Pass
6	2437	18.44	≤ 30	Pass
9	2452	15.45	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

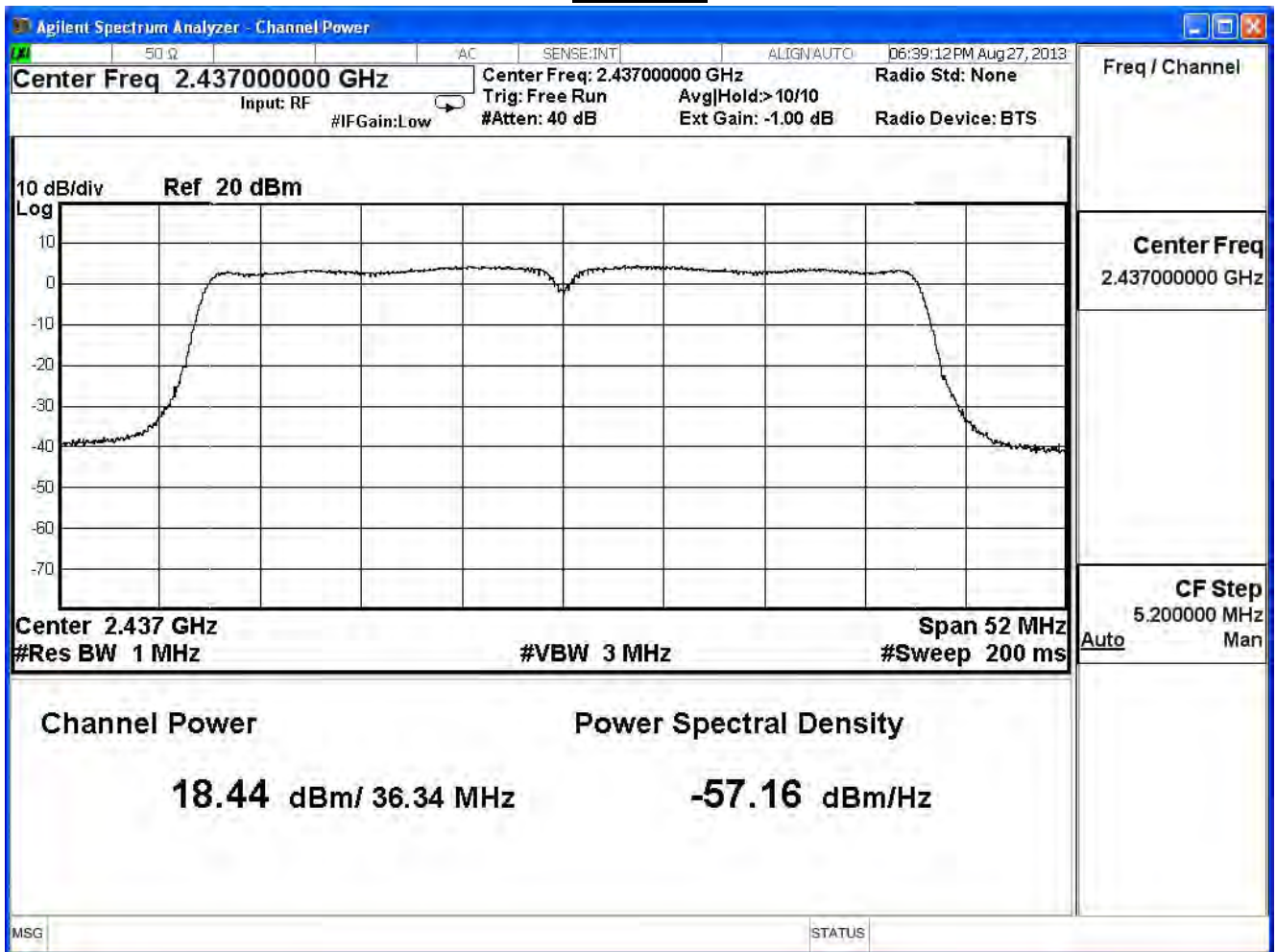
Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	16.46	--	--	--	--	--	--	--	30dBm
6	2437	18.44	18.34	18.24	18.11	18.01	17.77	17.65	17.53	30dBm
9	2452	15.45	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

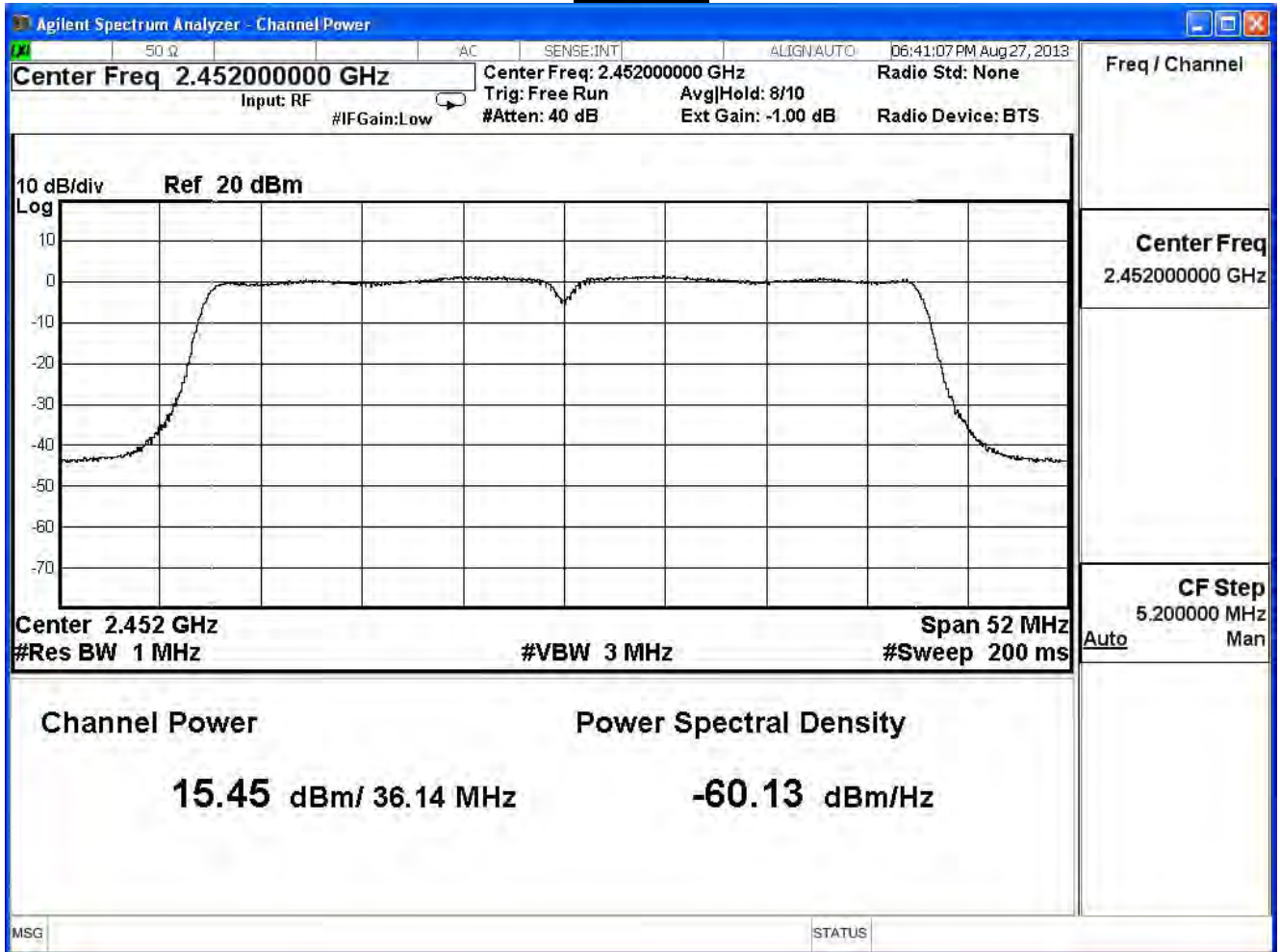
**Channel 3**



**Channel 6**



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11n 40MHz (ANT 2) , power index: ch3:55, ch6:96, ch9:53

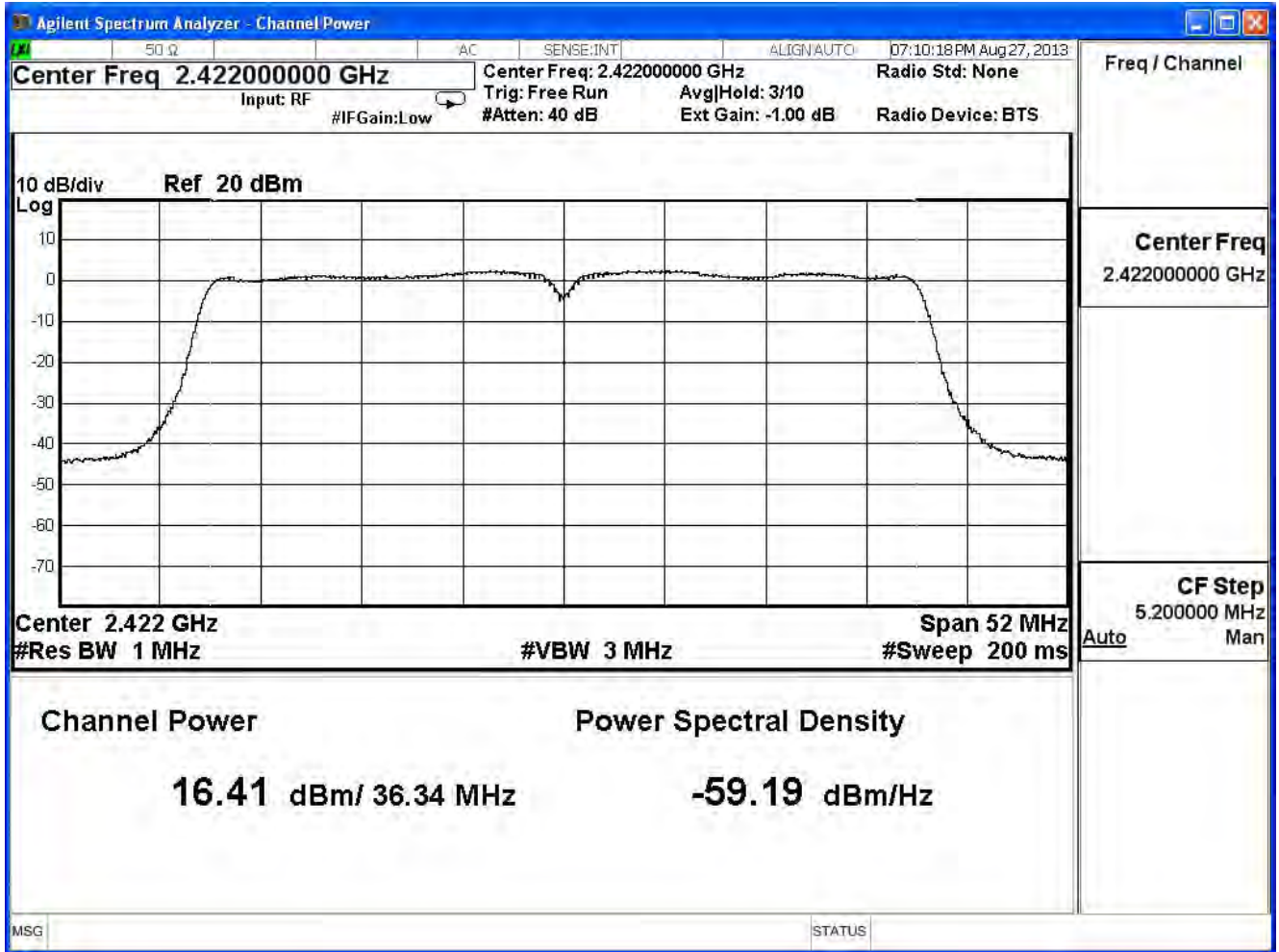
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.41	≤ 30	Pass
6	2437	18.50	≤ 30	Pass
9	2452	15.57	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	16.41	--	--	--	--	--	--	--	30dBm
6	2437	18.50	18.40	18.29	18.09	17.97	17.85	17.61	17.37	30dBm
9	2452	15.57	--	--	--	--	--	--	--	30dBm

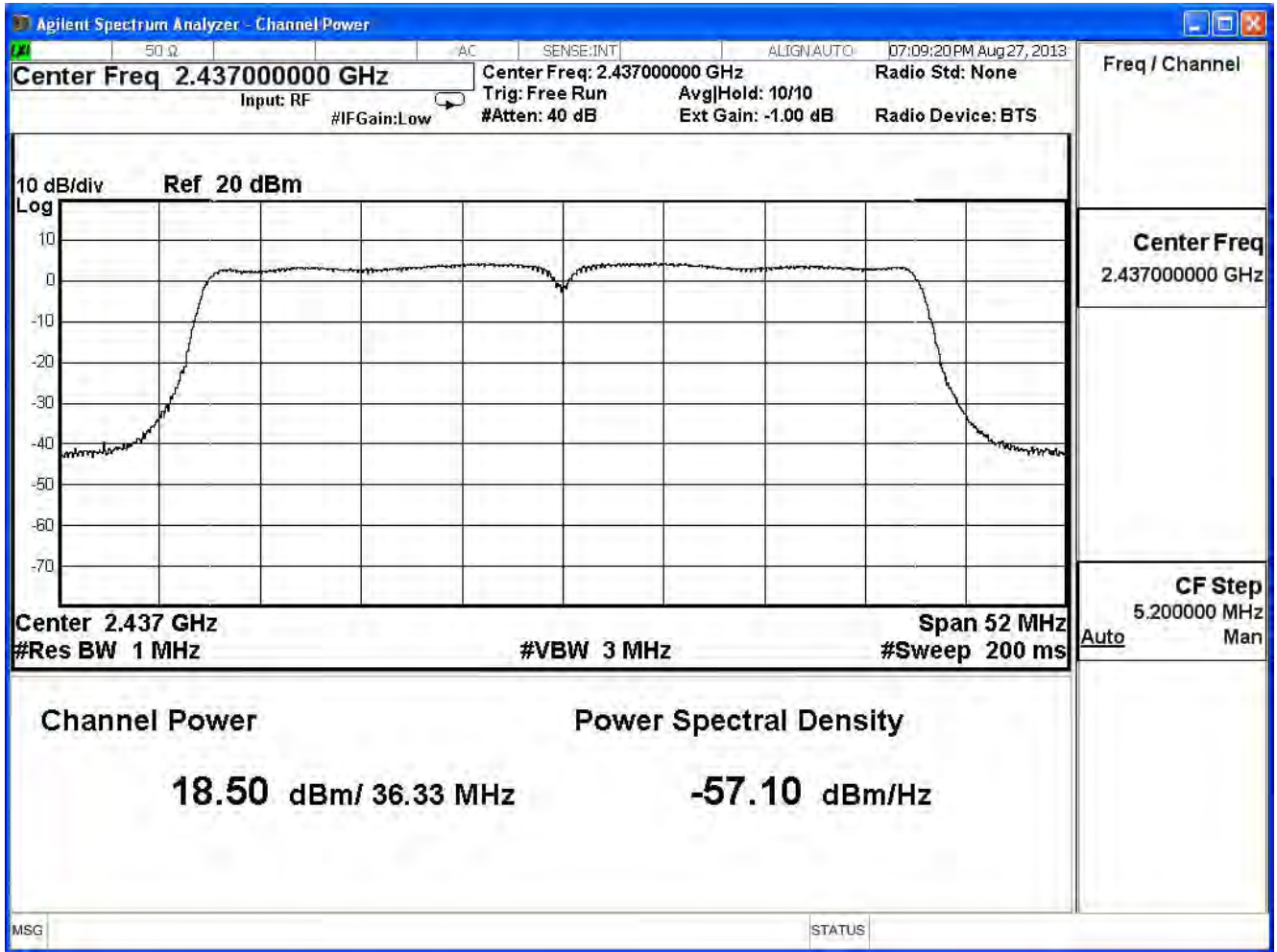
Note: Measure Level =Reading value + cable loss

Channel 3

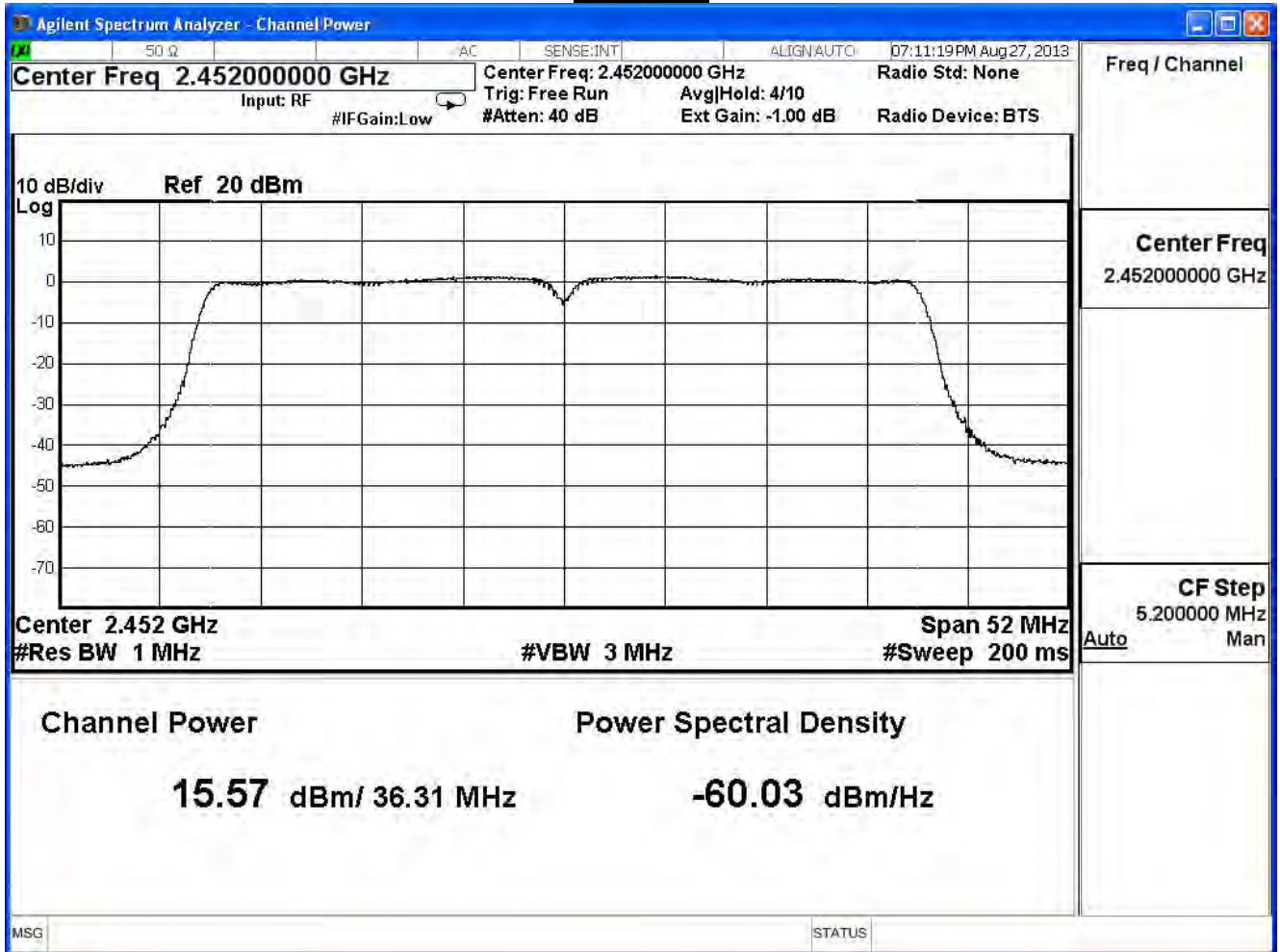




**Channel 6**



Channel 9





Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	21.25	≤ 30	Pass
6	2437	23.44	≤ 30	Pass
9	2452	20.33	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	21.25	--	--	--	--	--	--	--	30dBm
6	2437	23.44	23.30	23.16	23.02	22.91	22.71	22.55	22.39	30dBm
9	2452	20.33	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11a (ANT 0) , power index: ch149:102, ch157:104, ch165:104

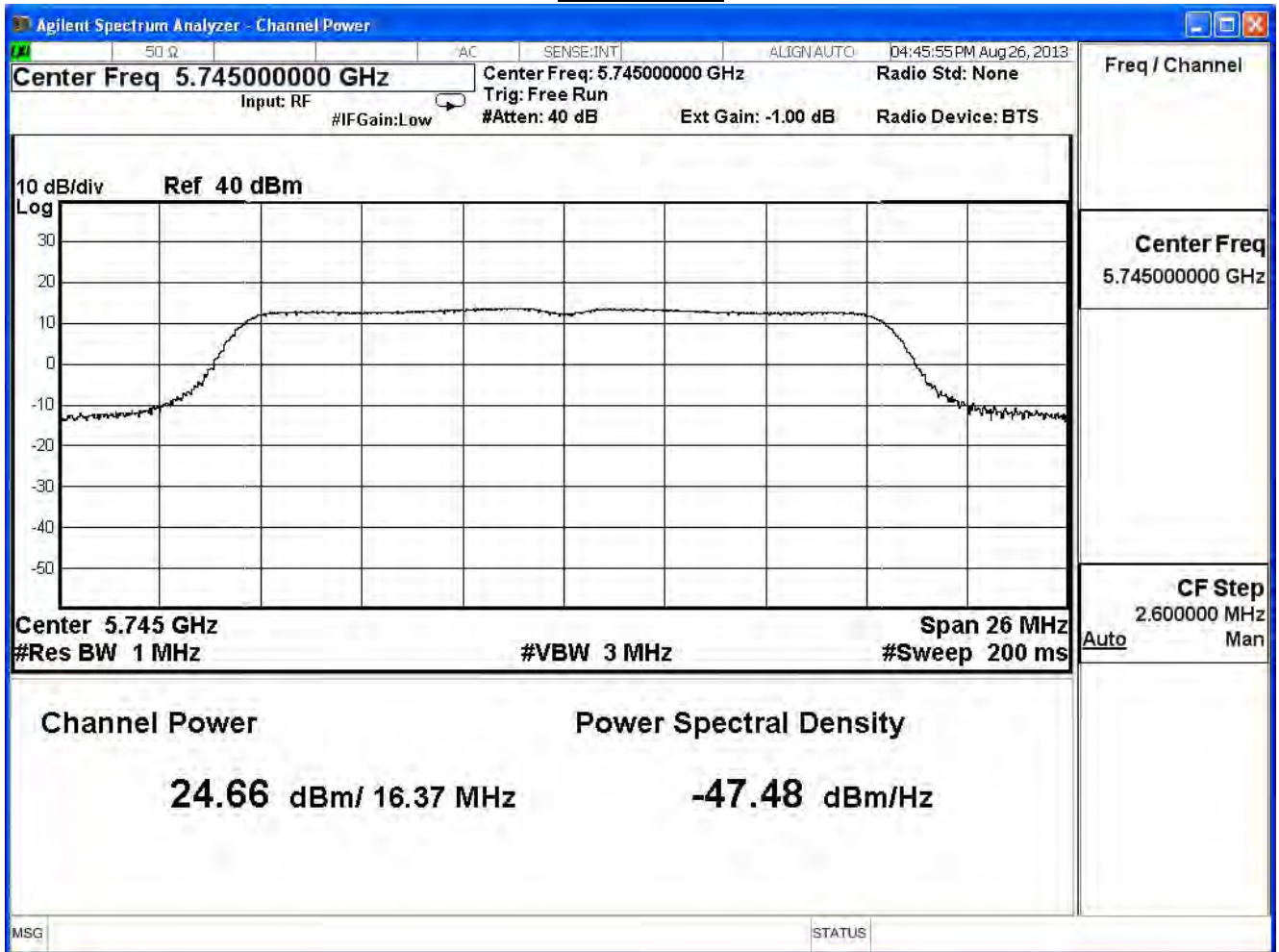
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.66	≤ 30	Pass
157	5785	25.07	≤ 30	Pass
165	5825	24.99	≤ 30	Pass

The worst emission of data rate is 6Mbps

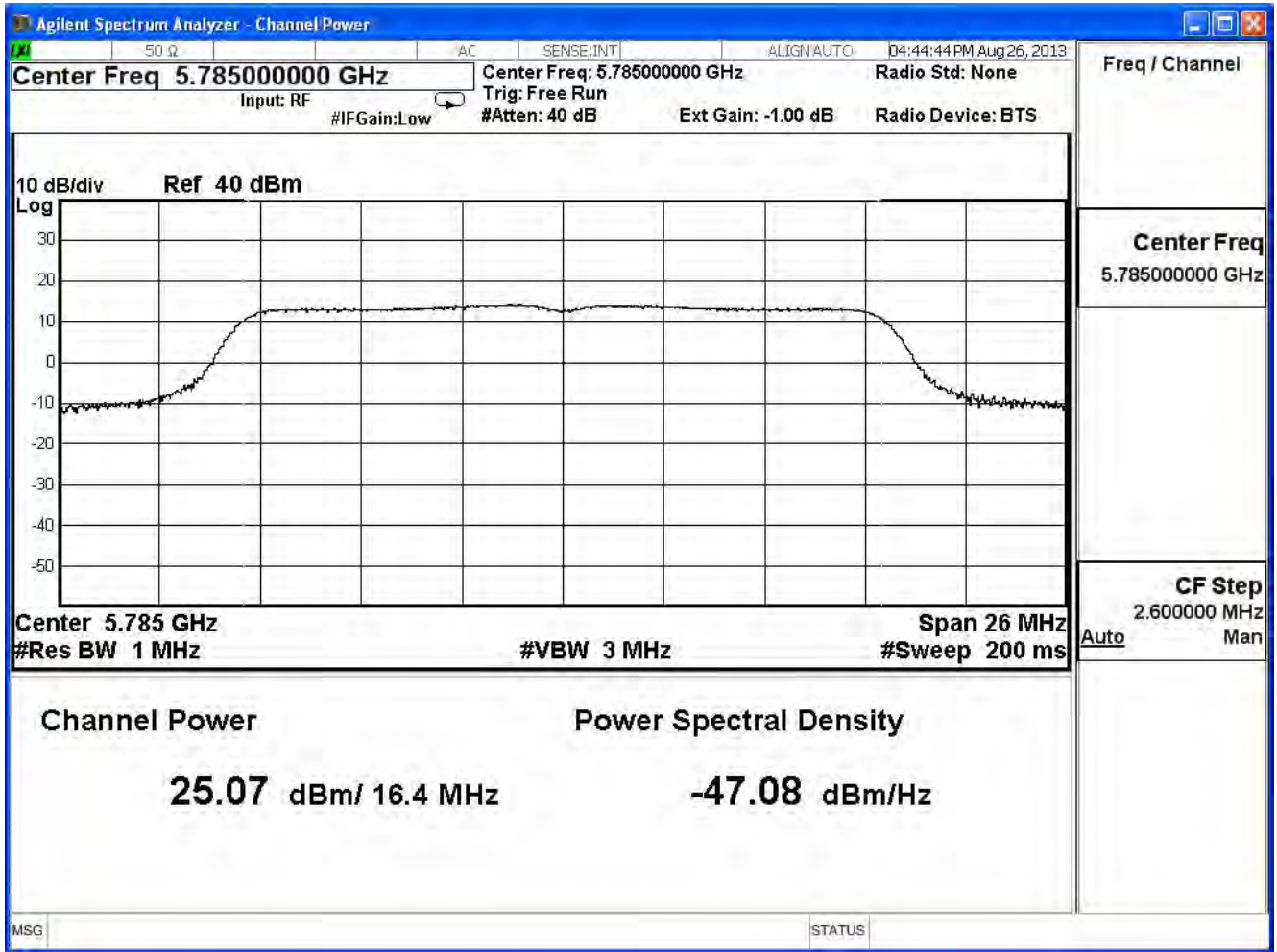
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	24.66	--	--	--	--	--	--	30dBm
157	5785	25.07	24.83	24.63	24.41	24.17	23.93	23.65	30dBm
165	5825	24.99	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

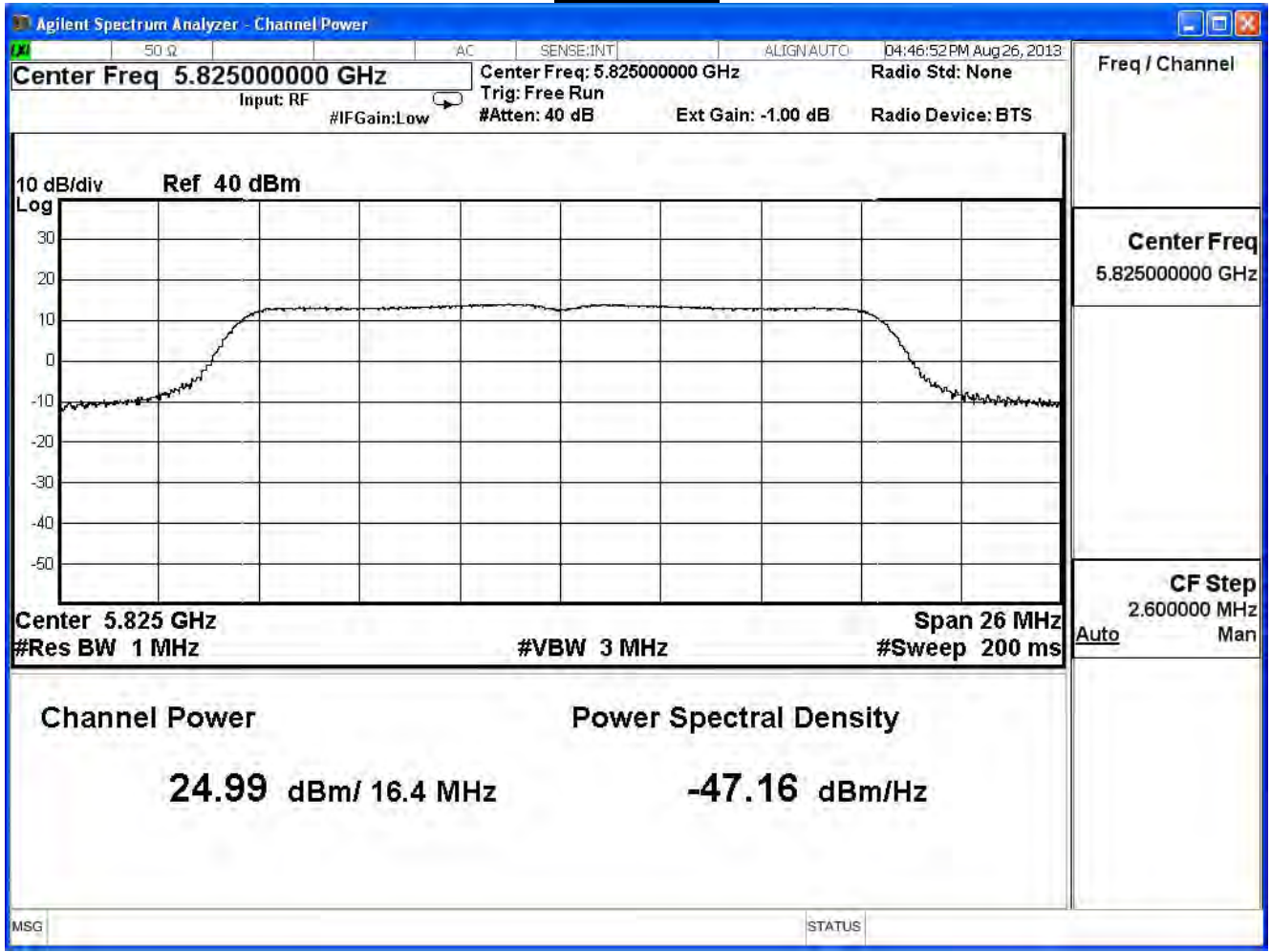
Channel 149



**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11a (ANT 1) , power index: ch149:102, ch157:104, ch165:104

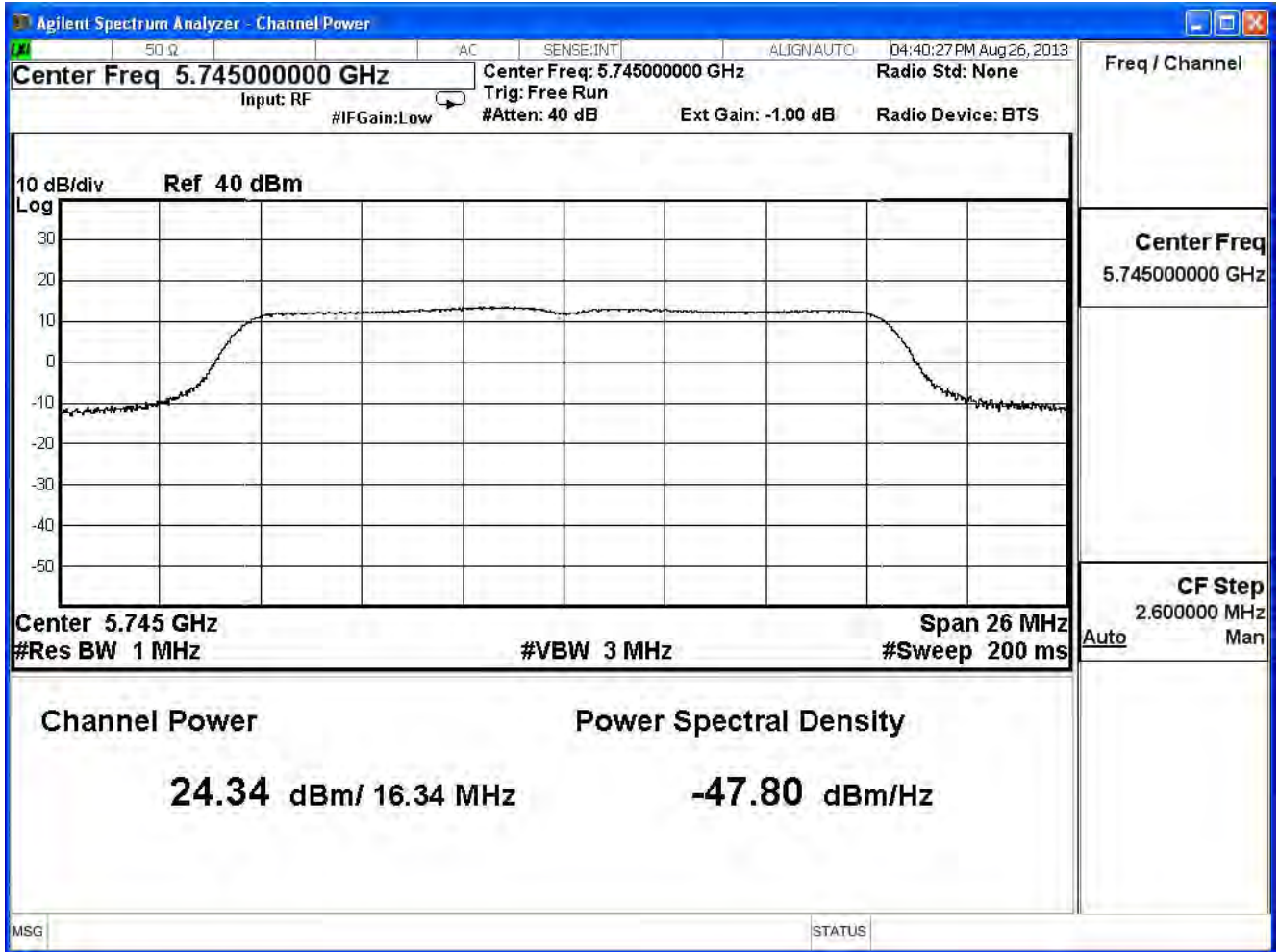
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.34	≤ 30	Pass
157	5785	24.92	≤ 30	Pass
165	5825	24.66	≤ 30	Pass

The worst emission of data rate is 6Mbps

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	24.34	--	--	--	--	--	--	30dBm
157	5785	24.92	24.83	24.63	24.41	24.17	23.93	23.65	30dBm
165	5825	24.66	--	--	--	--	--	--	30dBm

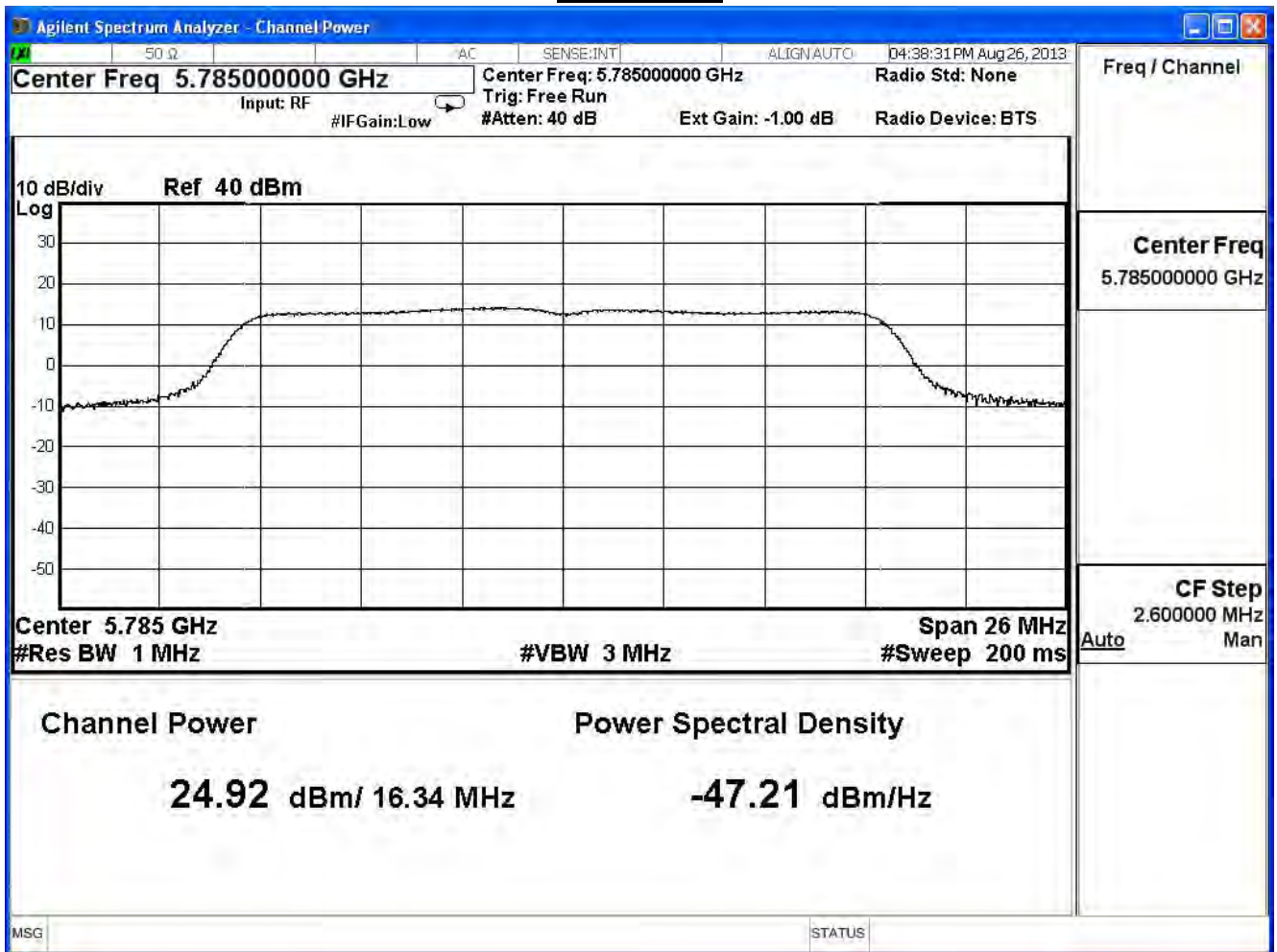
Note: Measure Level =Reading value + cable loss

Channel 149



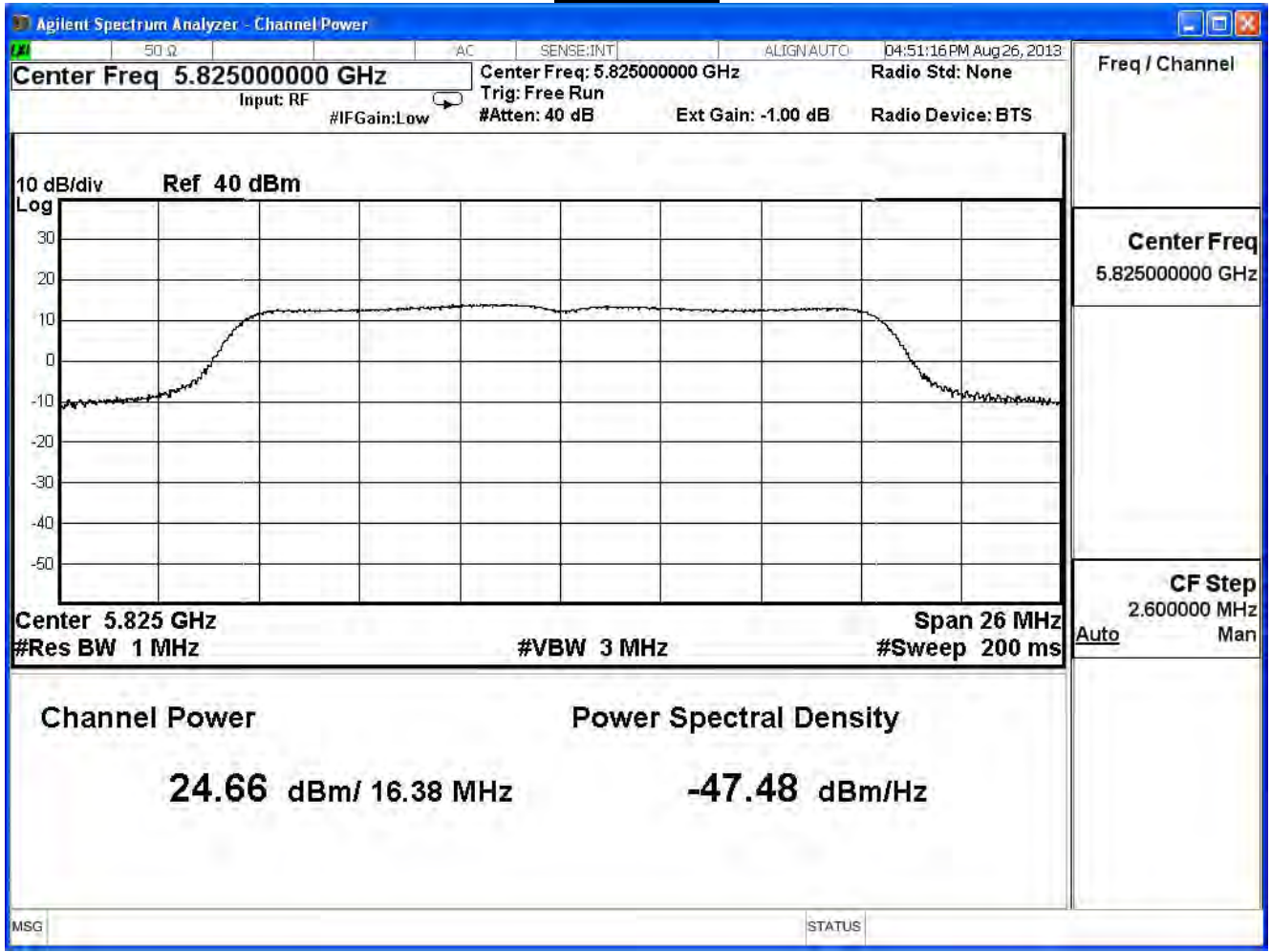


**Channel 157**





Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11a (ANT 2) , power index: ch149:102, ch157:104, ch165:104

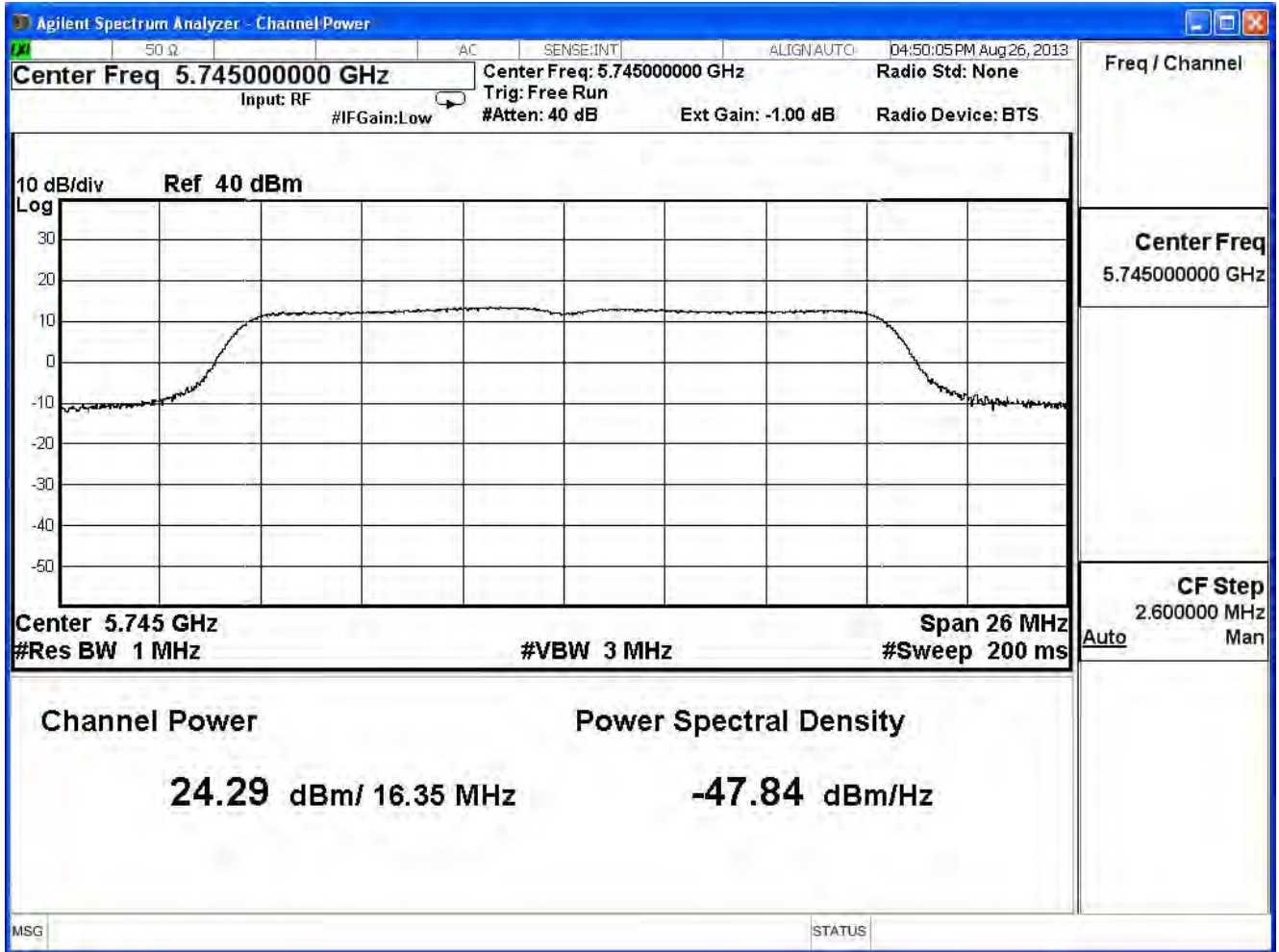
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.29	≤ 30	Pass
157	5785	24.87	≤ 30	Pass
165	5825	24.75	≤ 30	Pass

The worst emission of data rate is 6Mbps

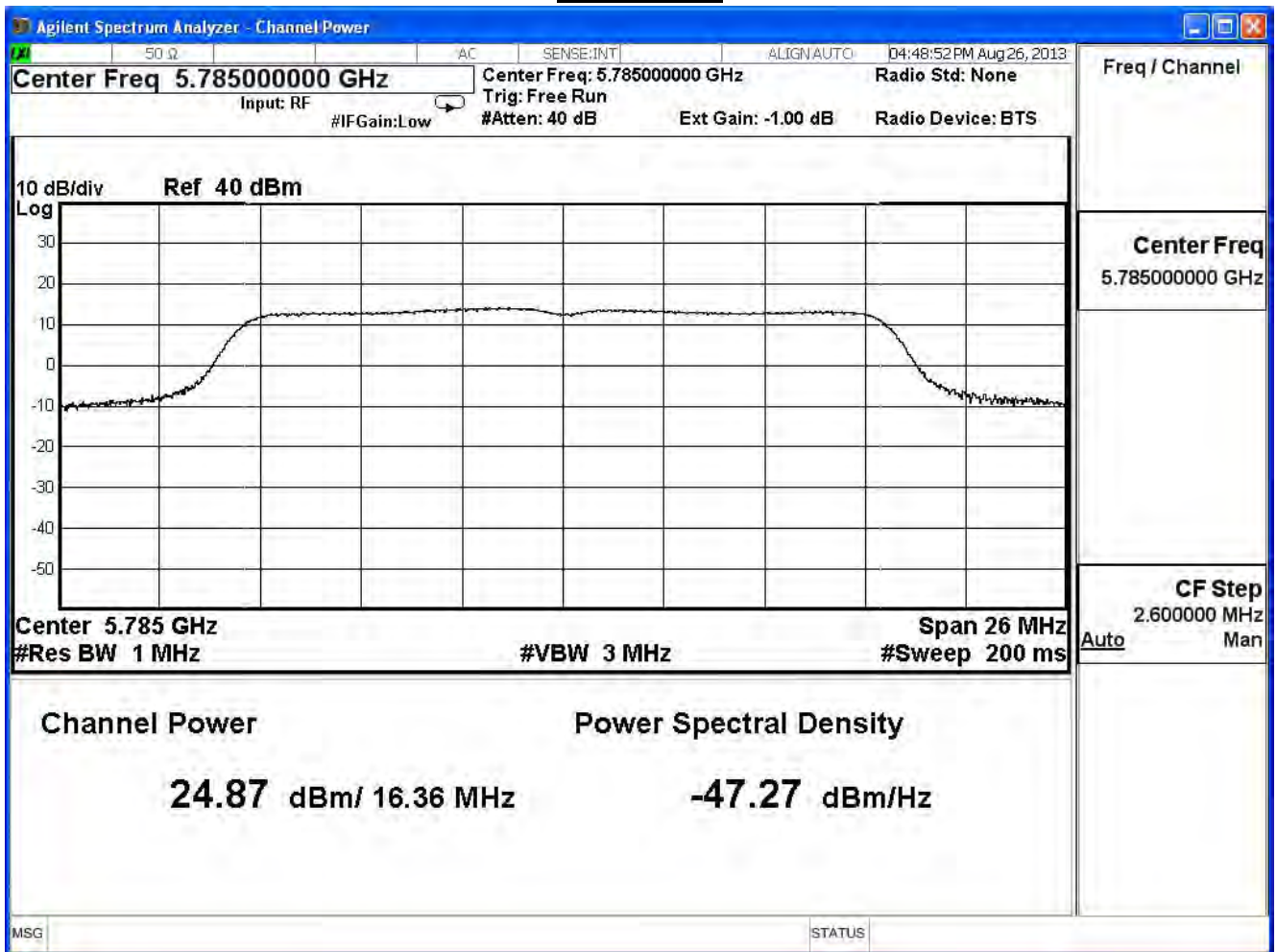
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	24.29	--	--	--	--	--	--	30dBm
157	5785	24.87	24.63	24.43	24.32	24.08	23.84	23.70	30dBm
165	5825	24.75	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

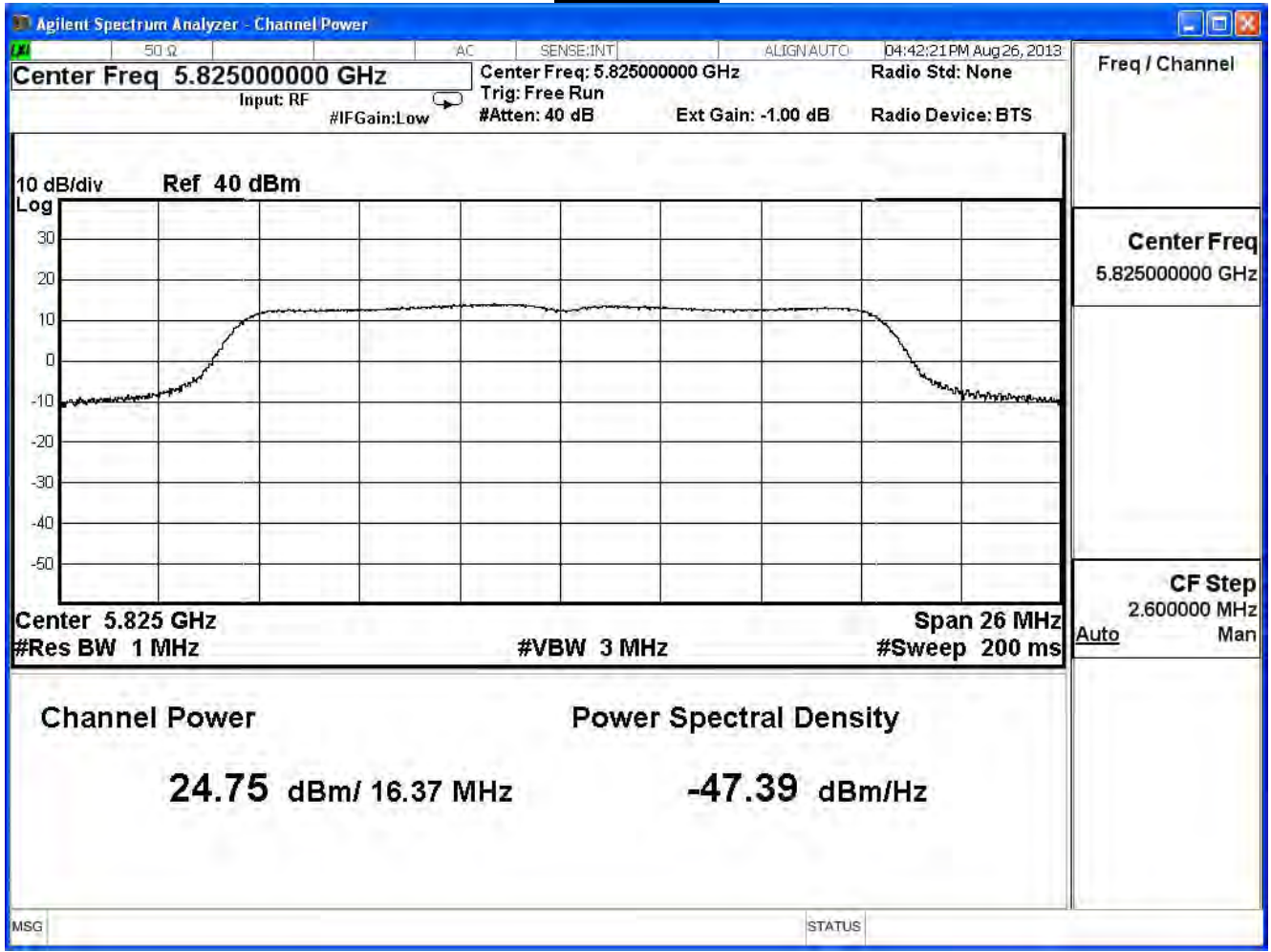
Channel 149



**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11a (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	29.20	≤ 30	Pass
157	5785	29.73	≤ 30	Pass
165	5825	29.57	≤ 30	Pass

The worst emission of data rate is 6Mbps

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	29.20	--	--	--	--	--	--	30dBm
157	5785	29.73	29.54	29.34	29.15	28.91	28.67	28.44	30dBm
165	5825	29.57	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 20MHz (ANT 0) , power index: ch149:100, ch157:104, ch165:104

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.12	≤ 30	Pass
157	5785	24.95	≤ 30	Pass
165	5825	24.98	≤ 30	Pass

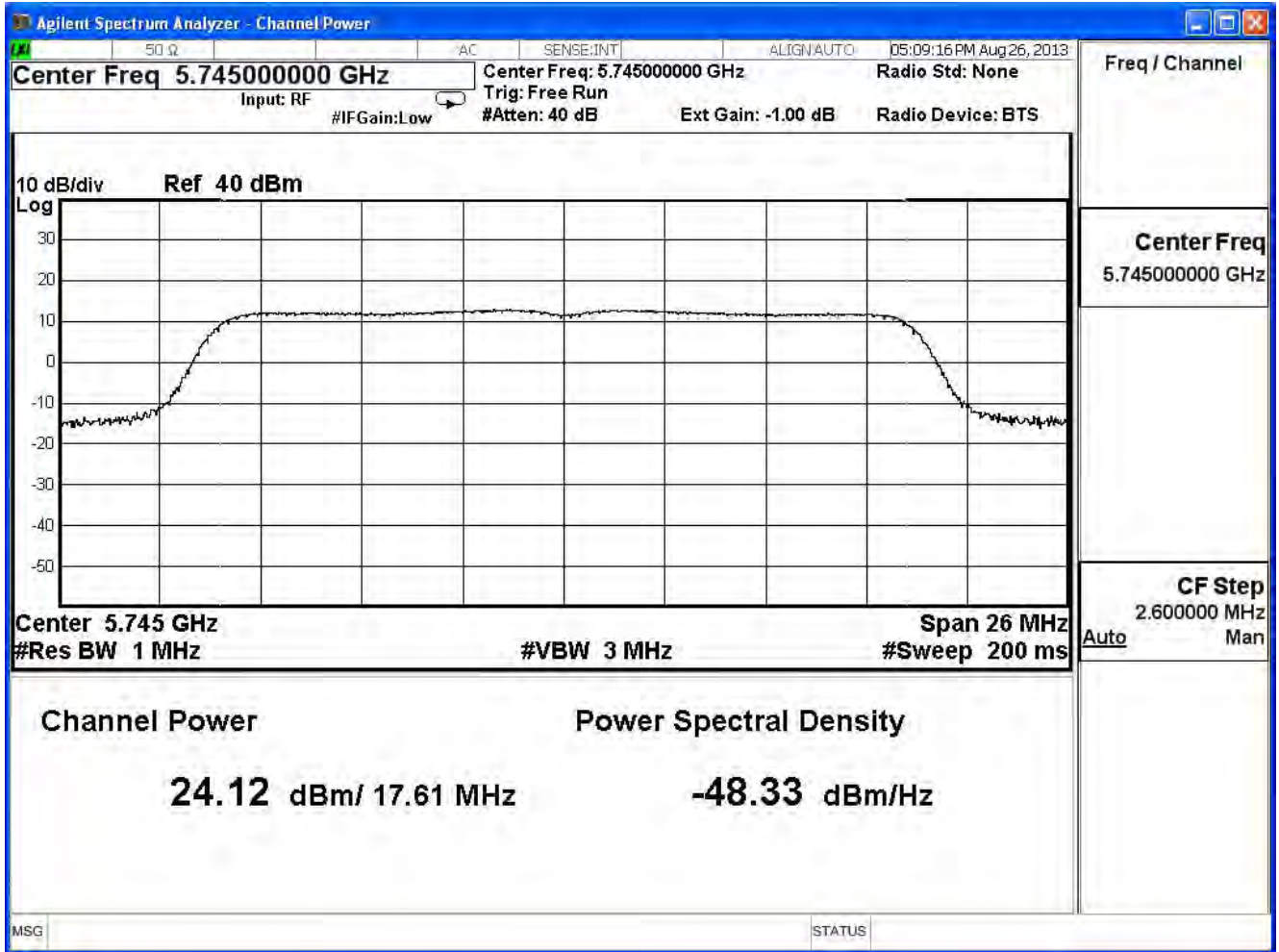
The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	24.12	--	--	--	--	--	--	--	30dBm
157	5785	24.95	24.84	24.64	24.44	24.32	24.08	23.93	23.69	30dBm
165	5825	24.98	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

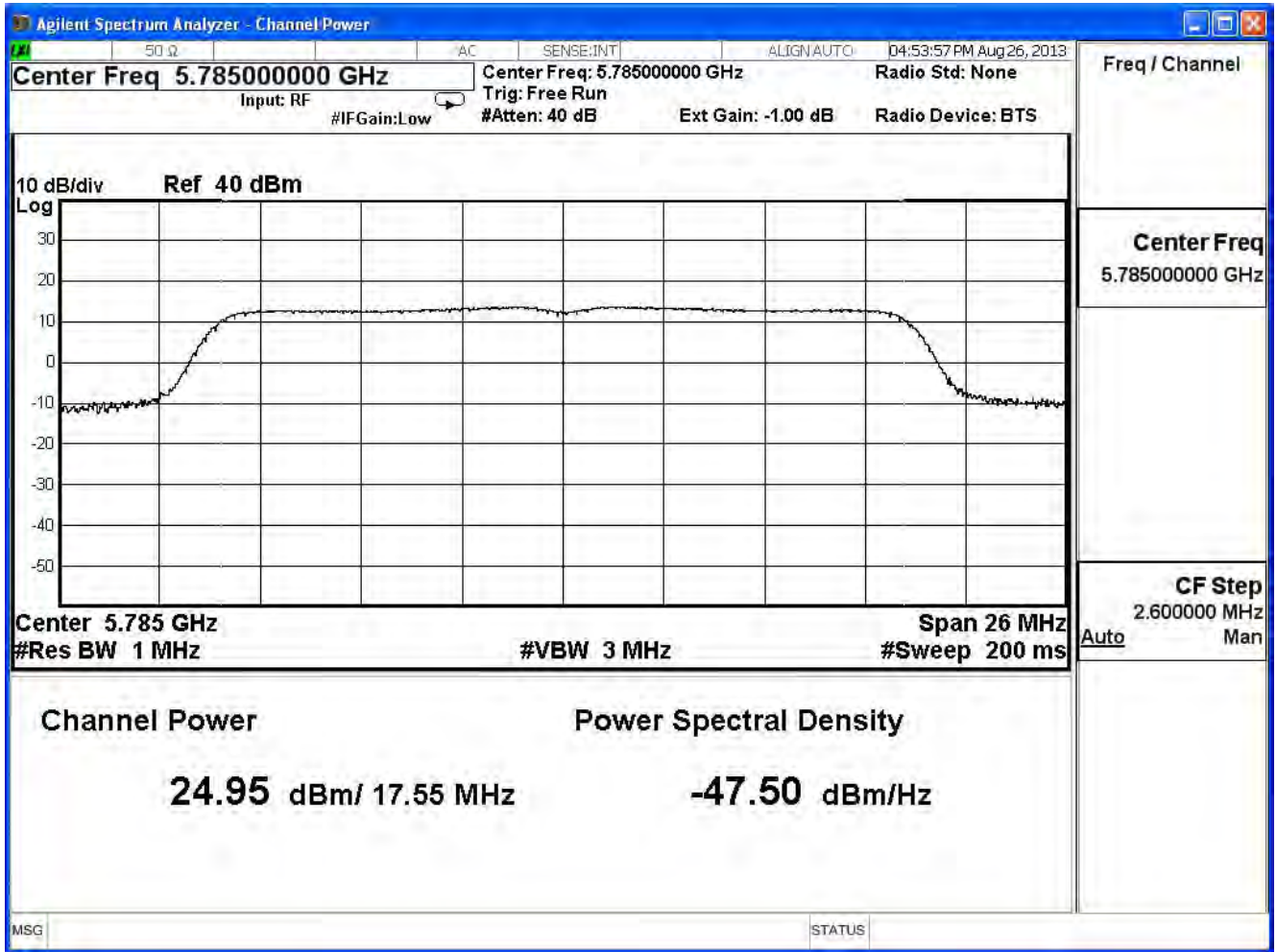


Channel 149

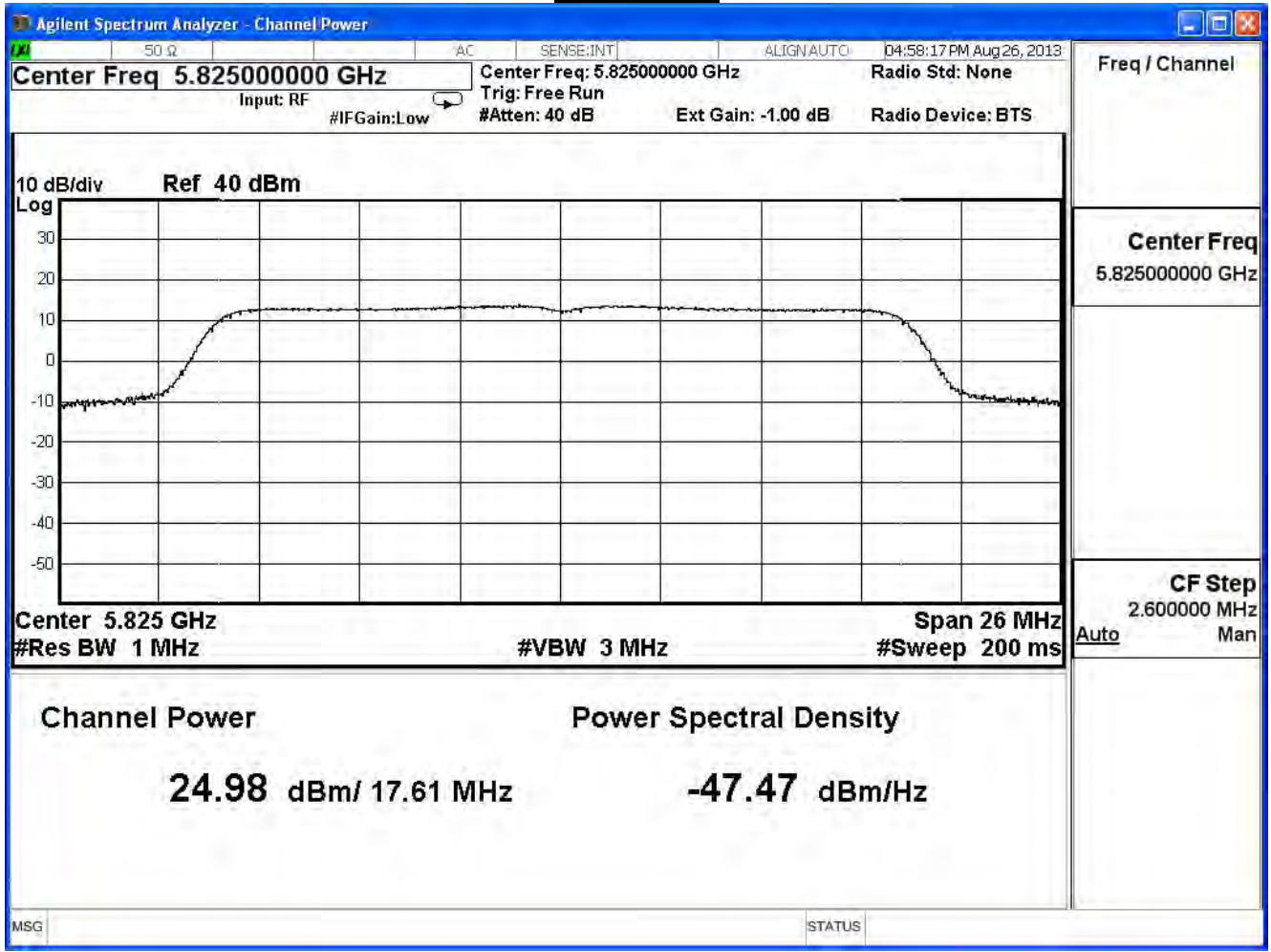




**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 20MHz (ANT 1) , power index: ch149:100, ch157:104, ch165:104

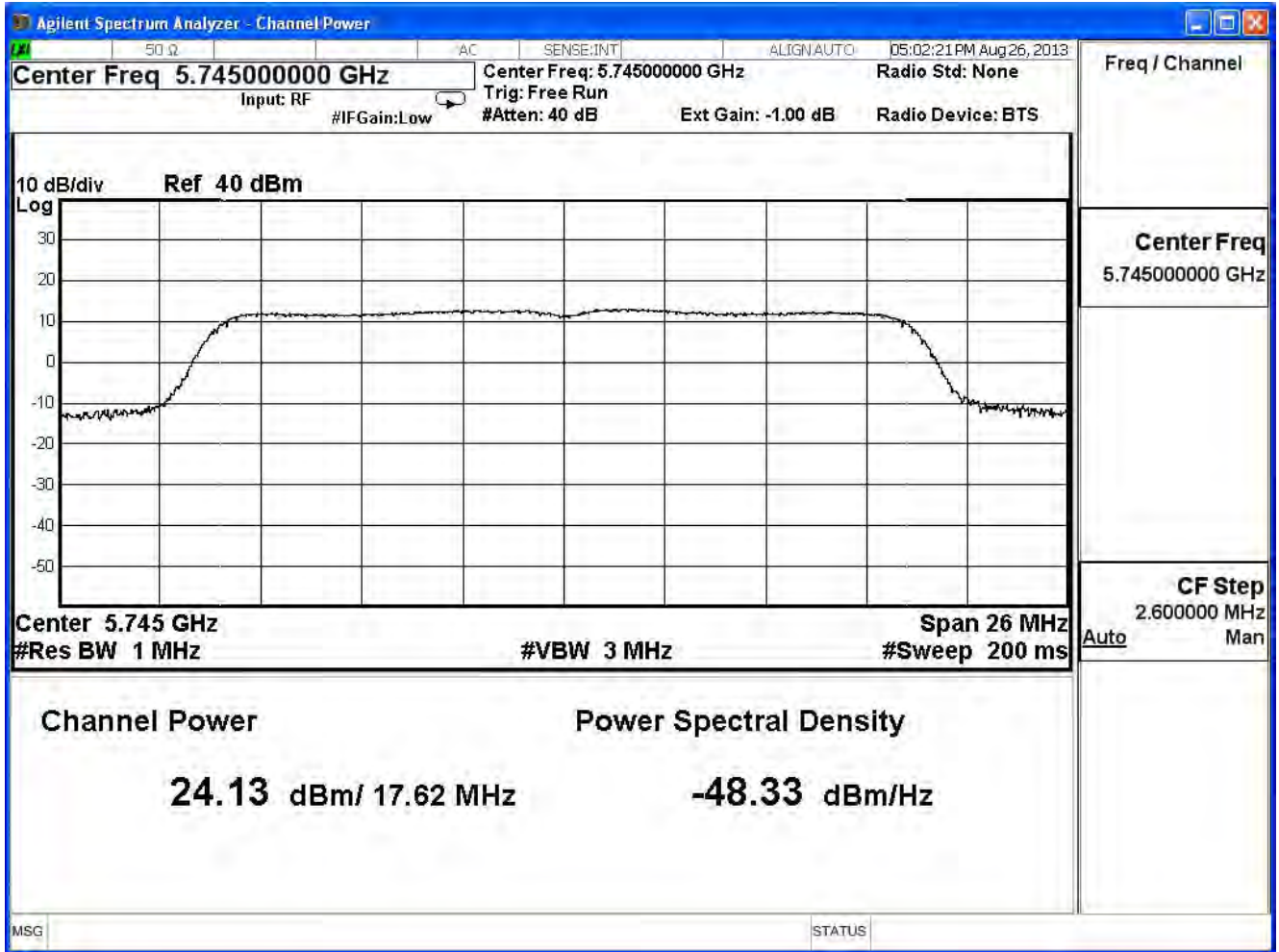
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.13	≤ 30	Pass
157	5785	25.16	≤ 30	Pass
165	5825	25.05	≤ 30	Pass

The worst emission of data rate is 19.5Mbps

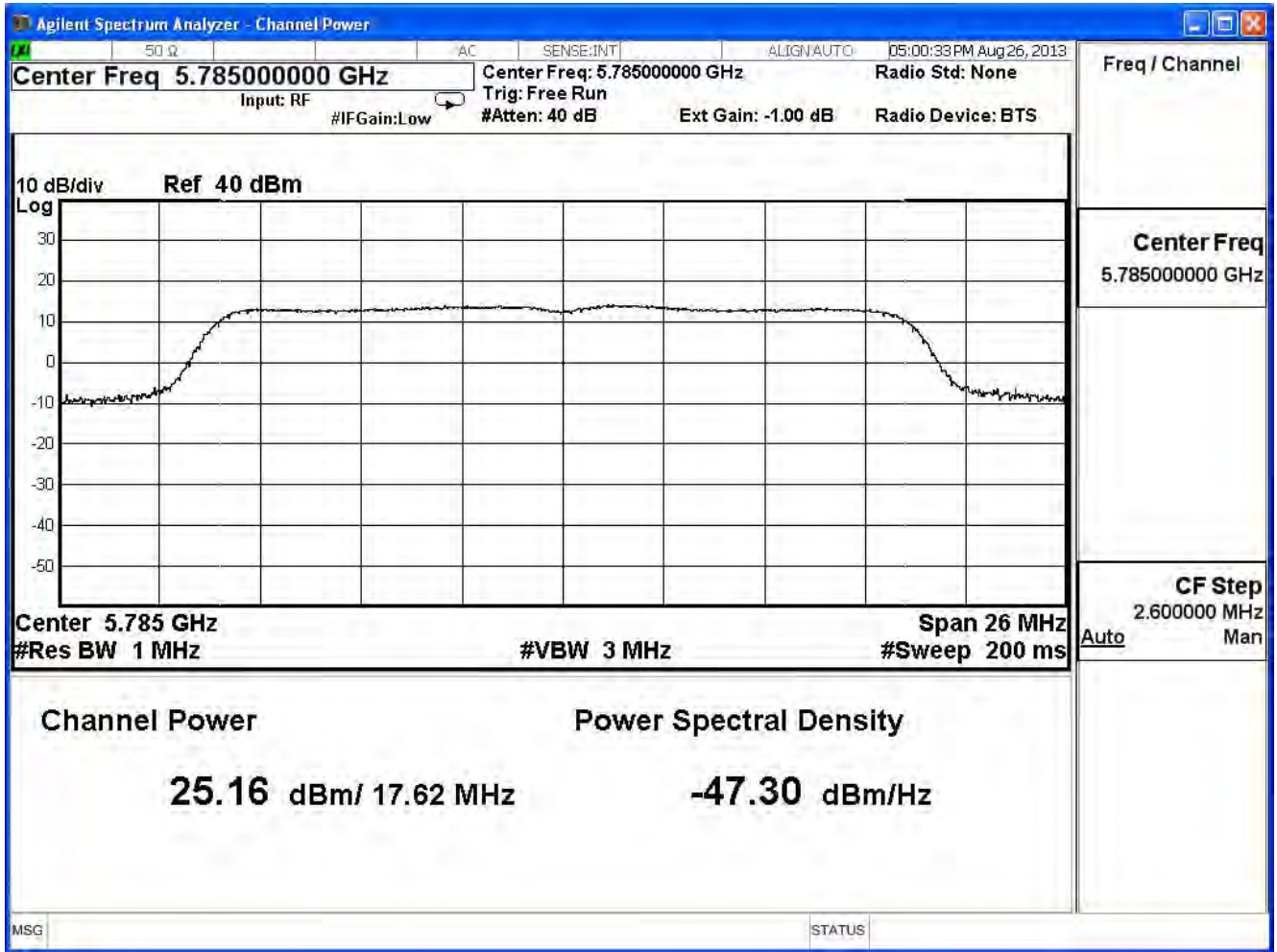
Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	24.13	--	--	--	--	--	--	--	30dBm
157	5785	25.16	25.06	24.94	24.74	24.54	24.28	24.16	23.92	30dBm
165	5825	25.05	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Channel 149

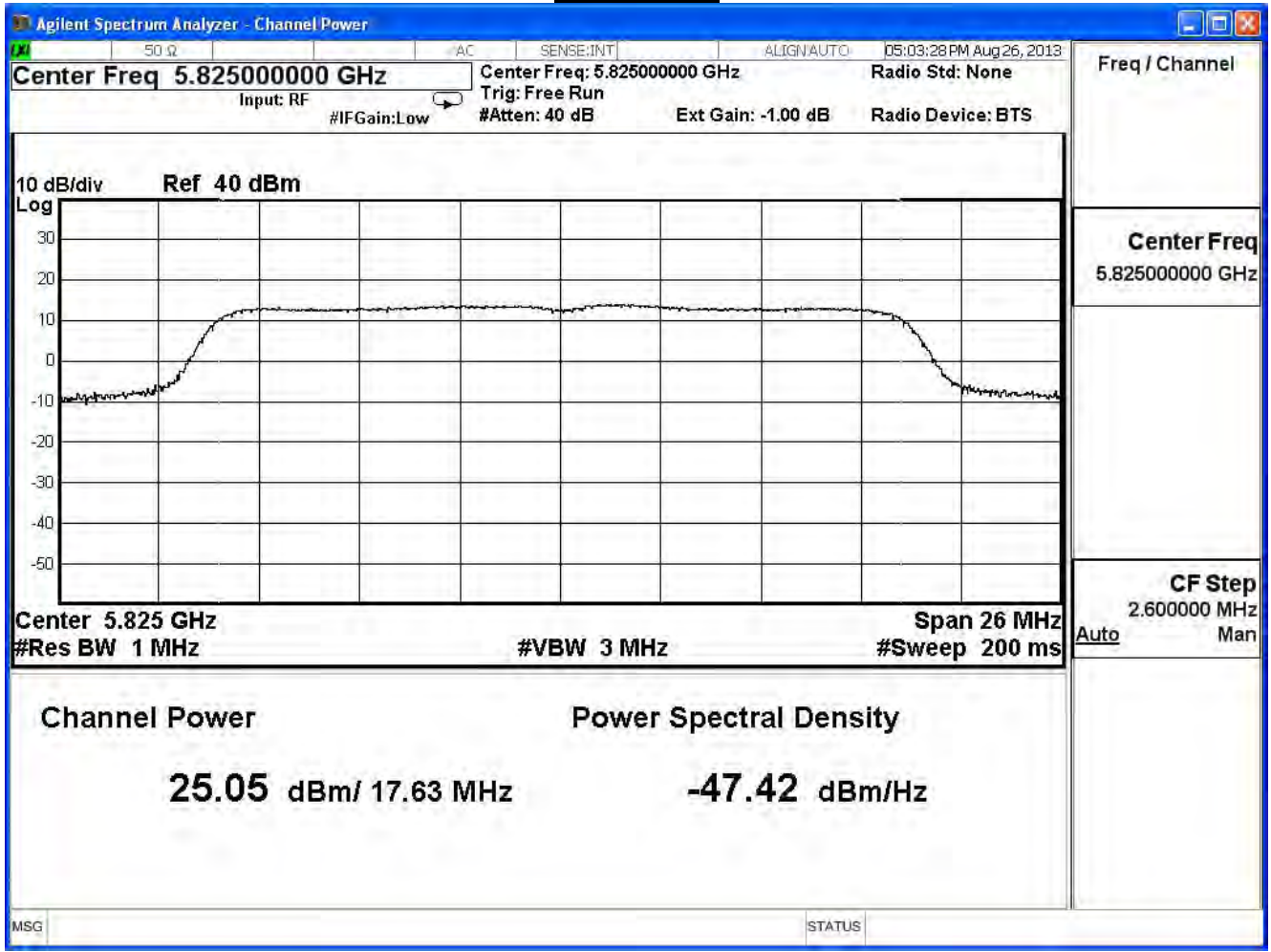


**Channel 157**





Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 20MHz (ANT 2) , power index: ch149:100, ch157:104, ch165:104

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.54	≤ 30	Pass
157	5785	25.01	≤ 30	Pass
165	5825	24.76	≤ 30	Pass

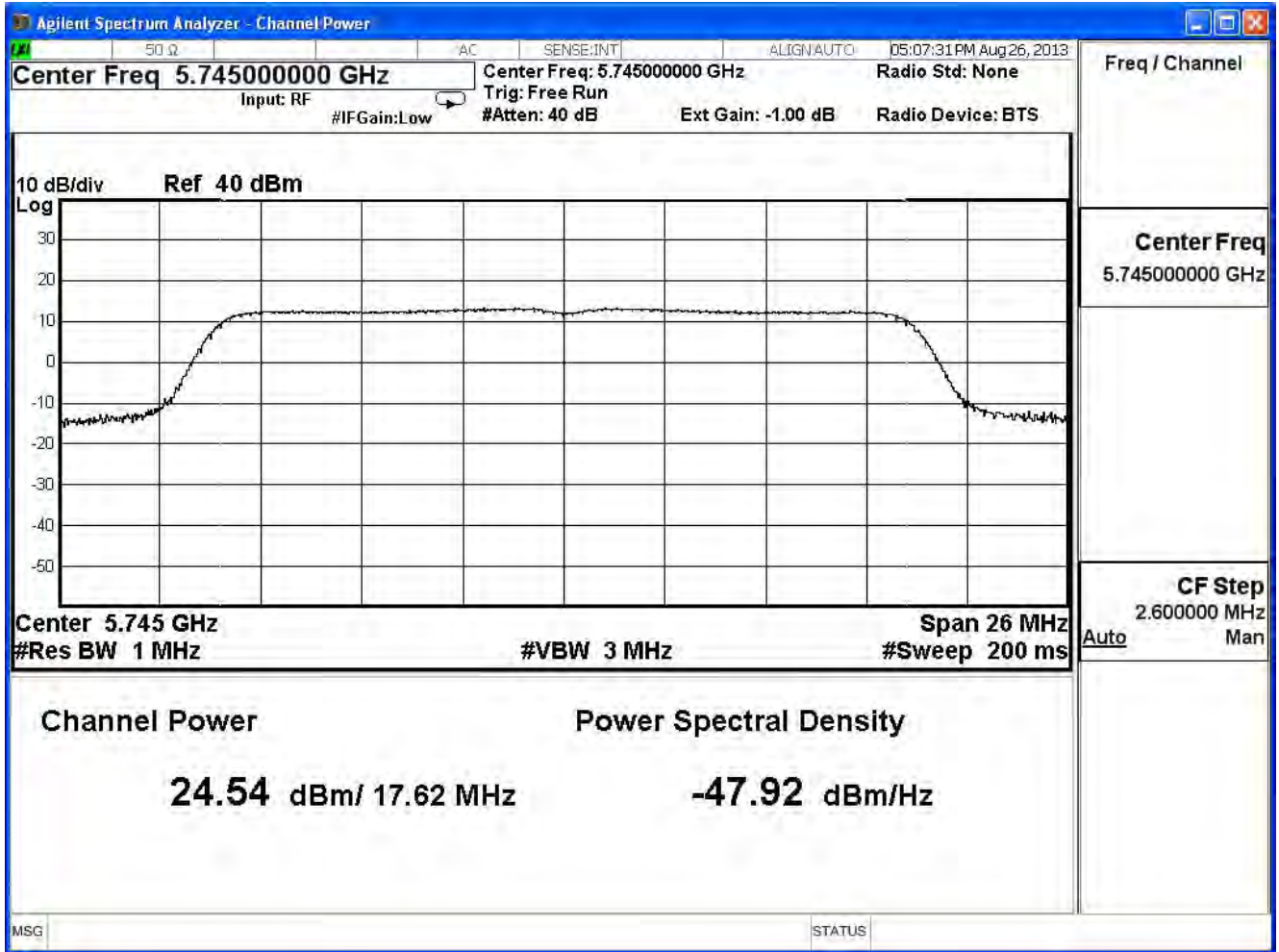
The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	24.54	--	--	--	--	--	--	--	30dBm
157	5785	25.01	24.81	24.61	24.49	24.39	24.27	24.03	23.91	30dBm
165	5825	24.76	--	--	--	--	--	--	--	30dBm

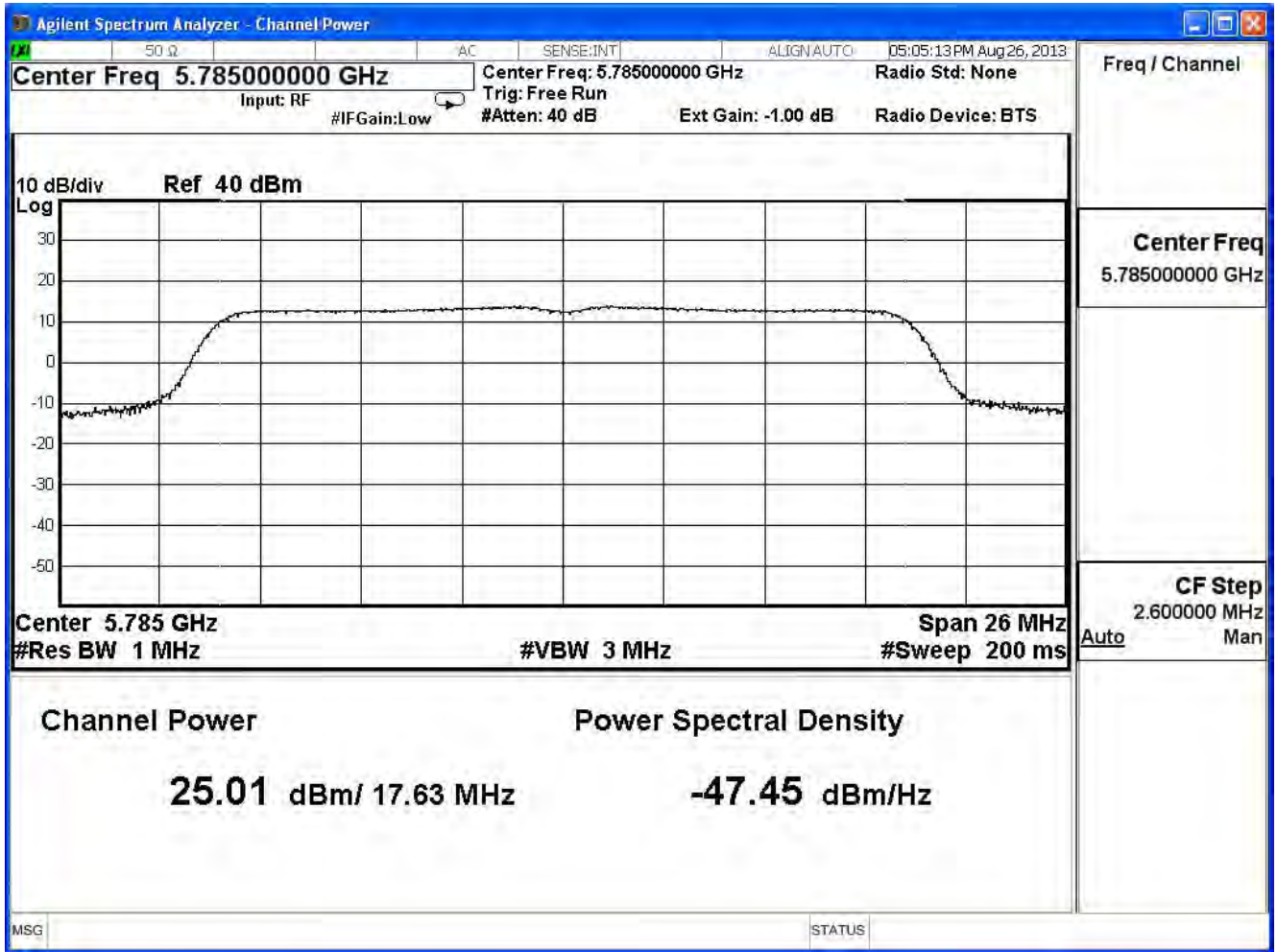
Note: Measure Level =Reading value + cable loss



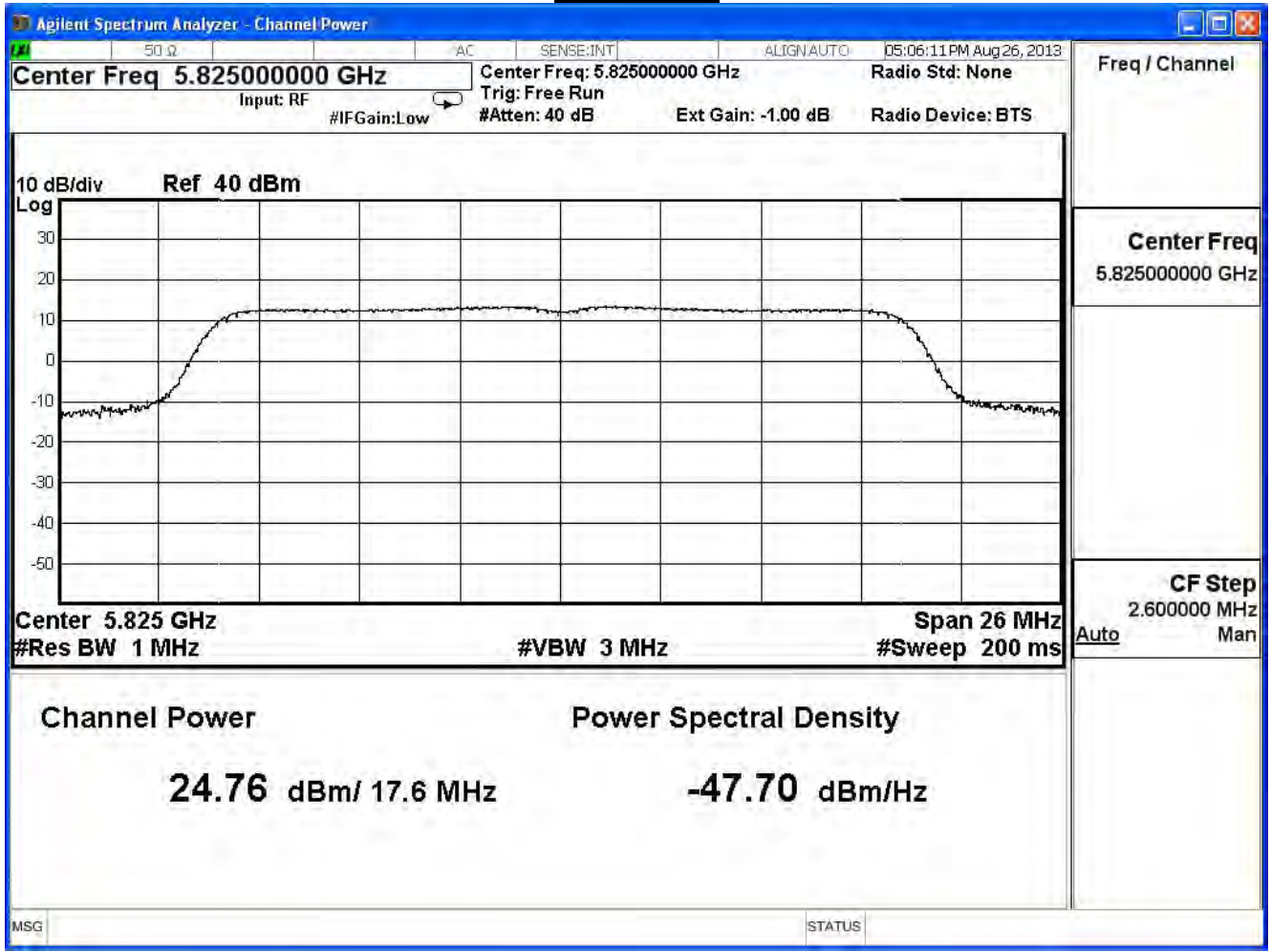
Channel 149



**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	29.04	≤ 30	Pass
157	5785	29.81	≤ 30	Pass
165	5825	29.70	≤ 30	Pass

The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	29.04	--	--	--	--	--	--	--	30dBm
157	5785	29.81	29.68	29.50	29.33	29.19	28.98	28.81	28.61	30dBm
165	5825	29.70	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 40MHz (ANT 0) , power index: ch151:96, ch159:100

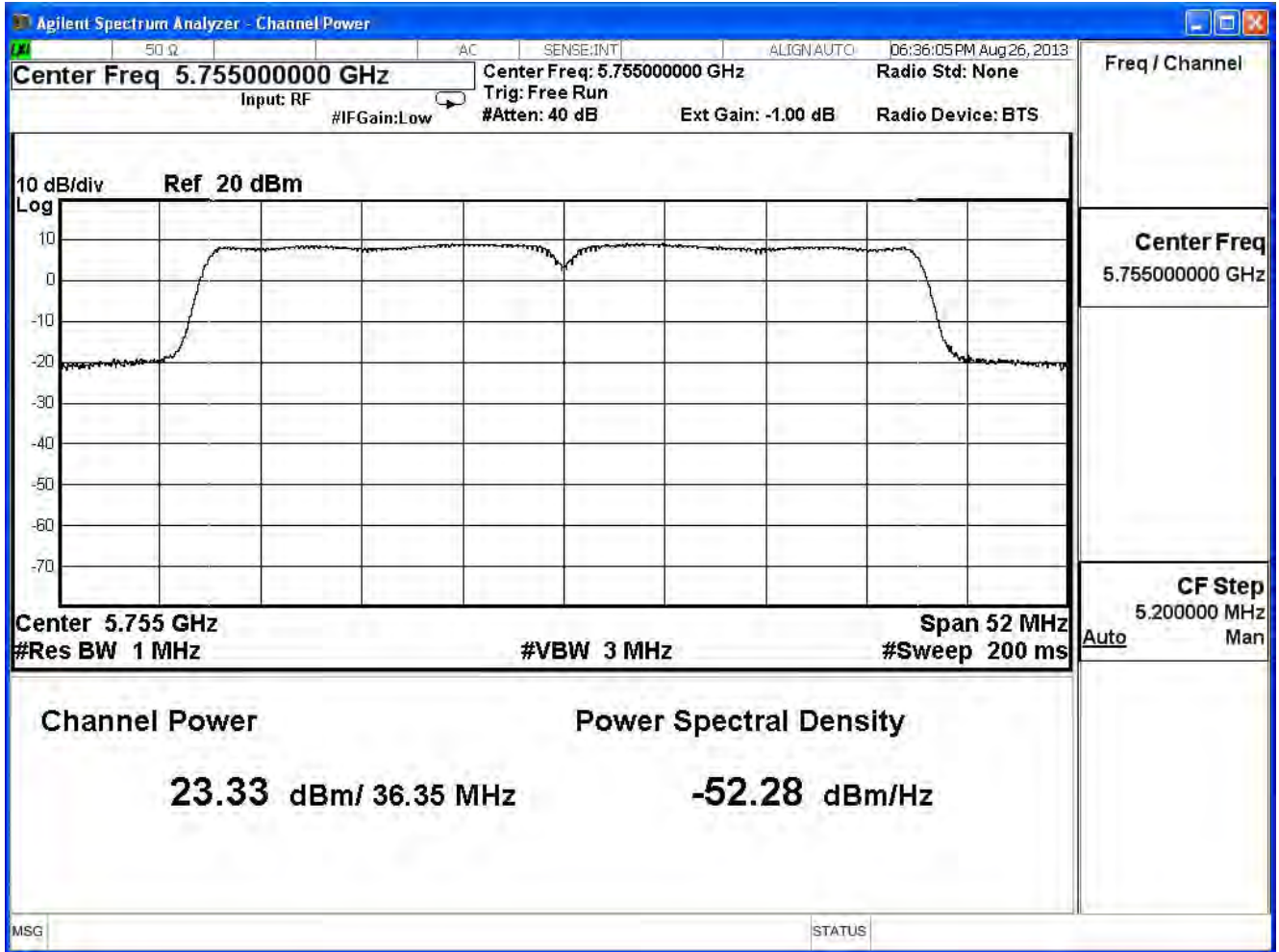
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	23.33	≤ 30	Pass
159	5795	24.61	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	23.33	--	--	--	--	--	--	--	30dBm
159	5795	24.61	24.41	24.31	24.21	24.01	23.77	23.65	23.41	30dBm

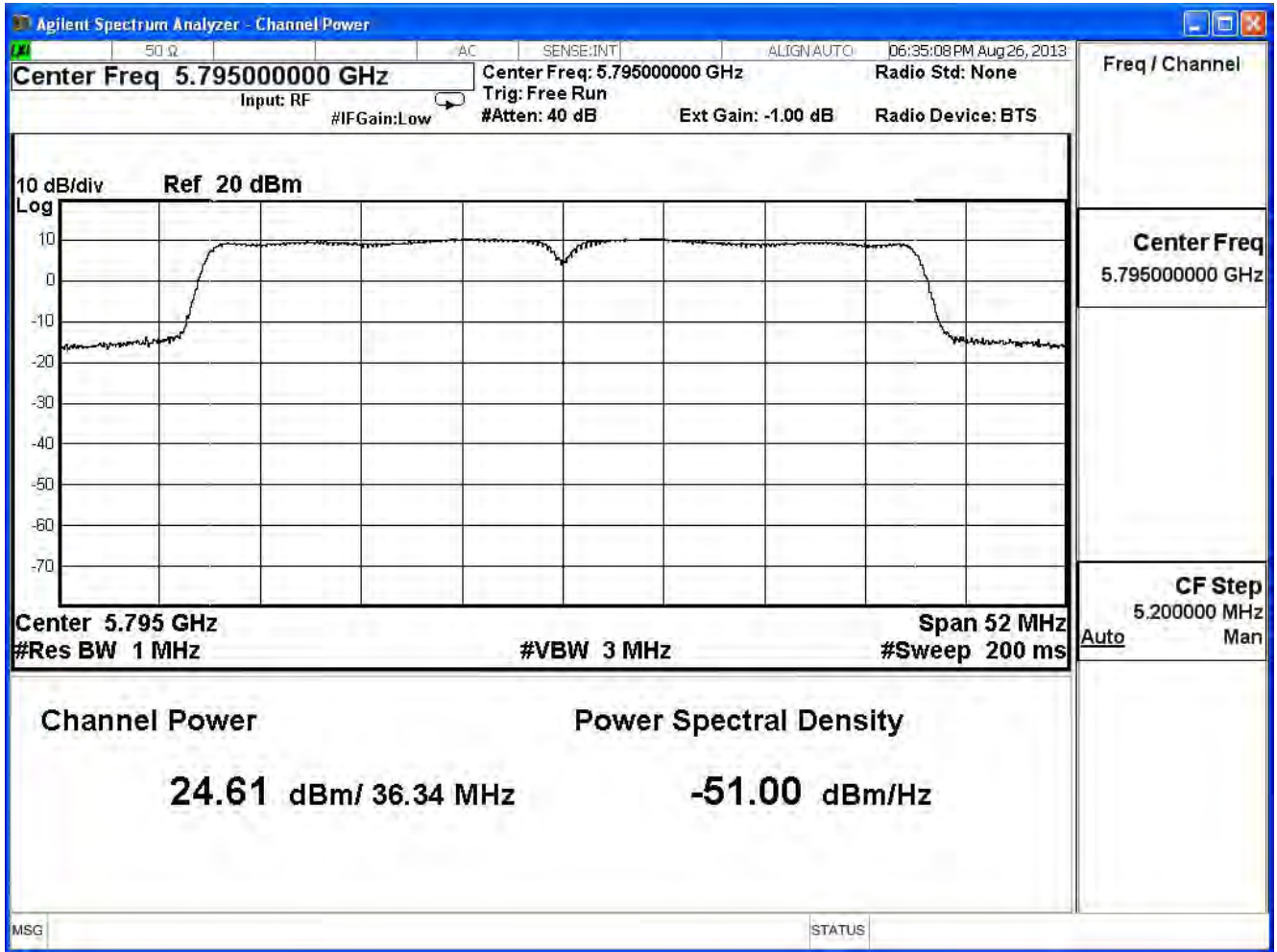
Note: Measure Level =Reading value + cable loss

Channel 151





**Channel 159**





Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 40MHz (ANT 1) , power index: ch151:96, ch159:100

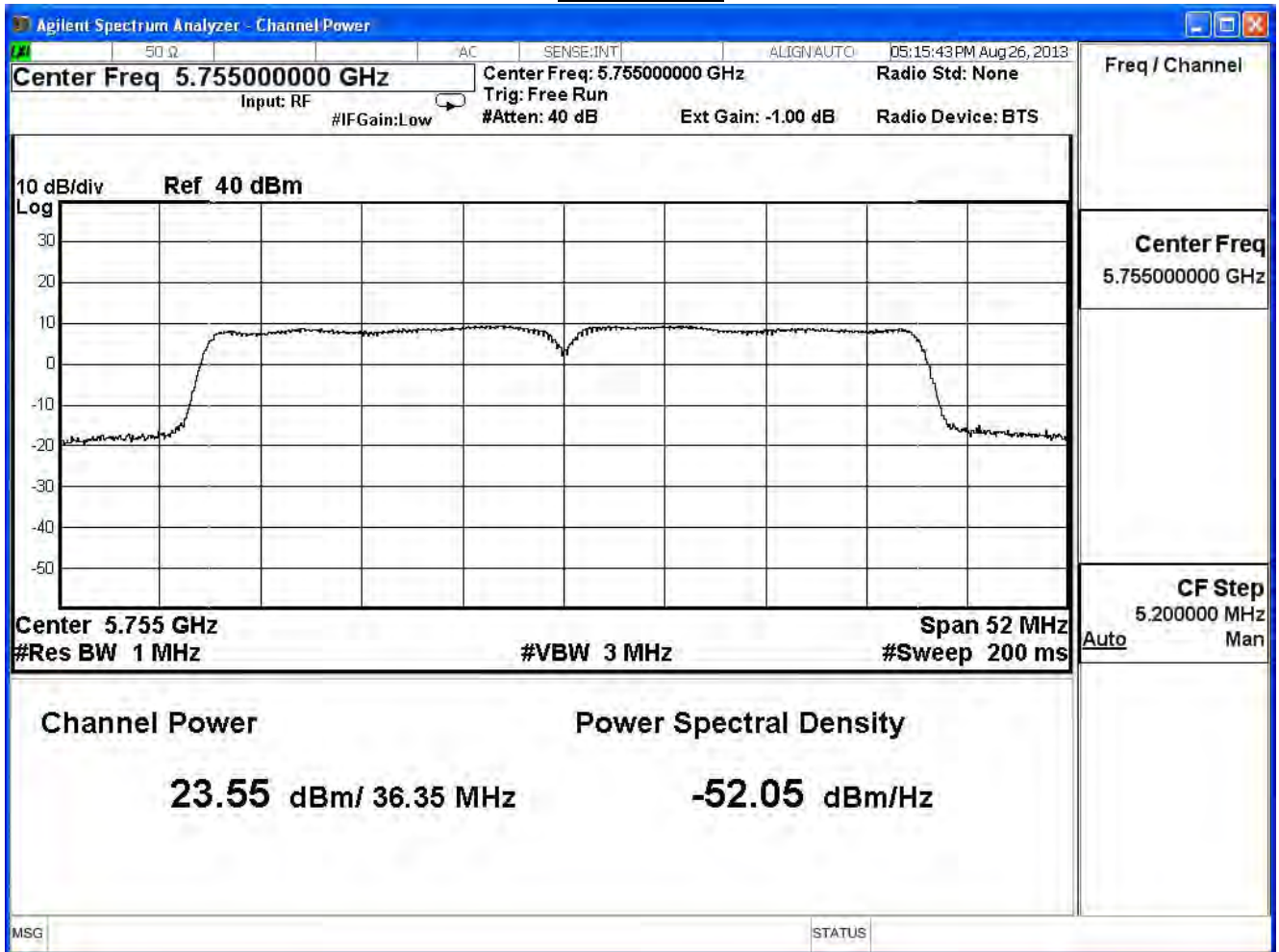
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	23.55	≤ 30	Pass
159	5795	24.55	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

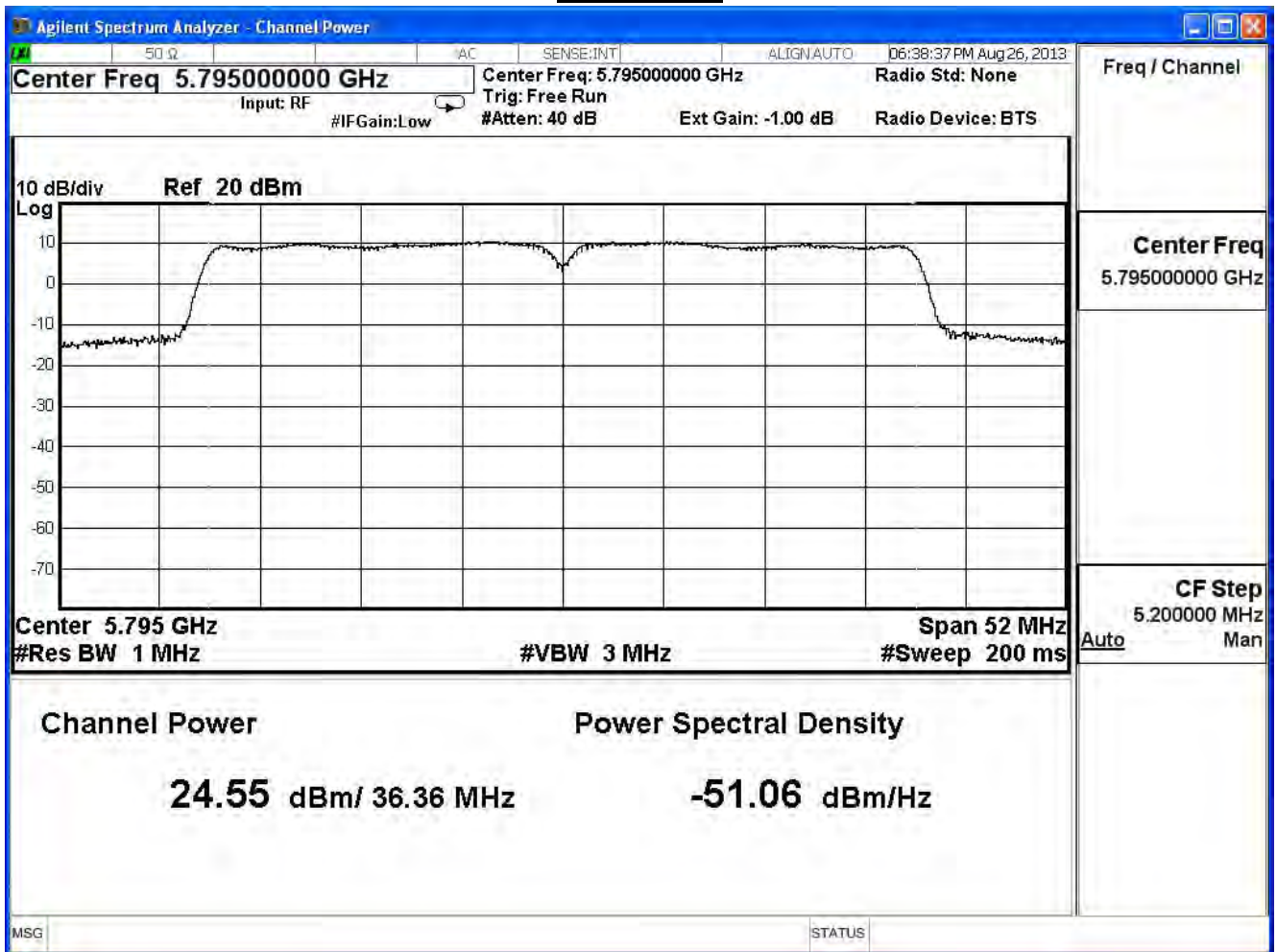
Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	23.55	--	--	--	--	--	--	--	30dBm
159	5795	24.55	24.35	24.15	23.95	23.85	23.73	23.49	23.37	30dBm

Note: Measure Level =Reading value + cable loss

Channel 151



**Channel 159**



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11 n 40MHz (ANT 2) , power index: ch151:96, ch159:100

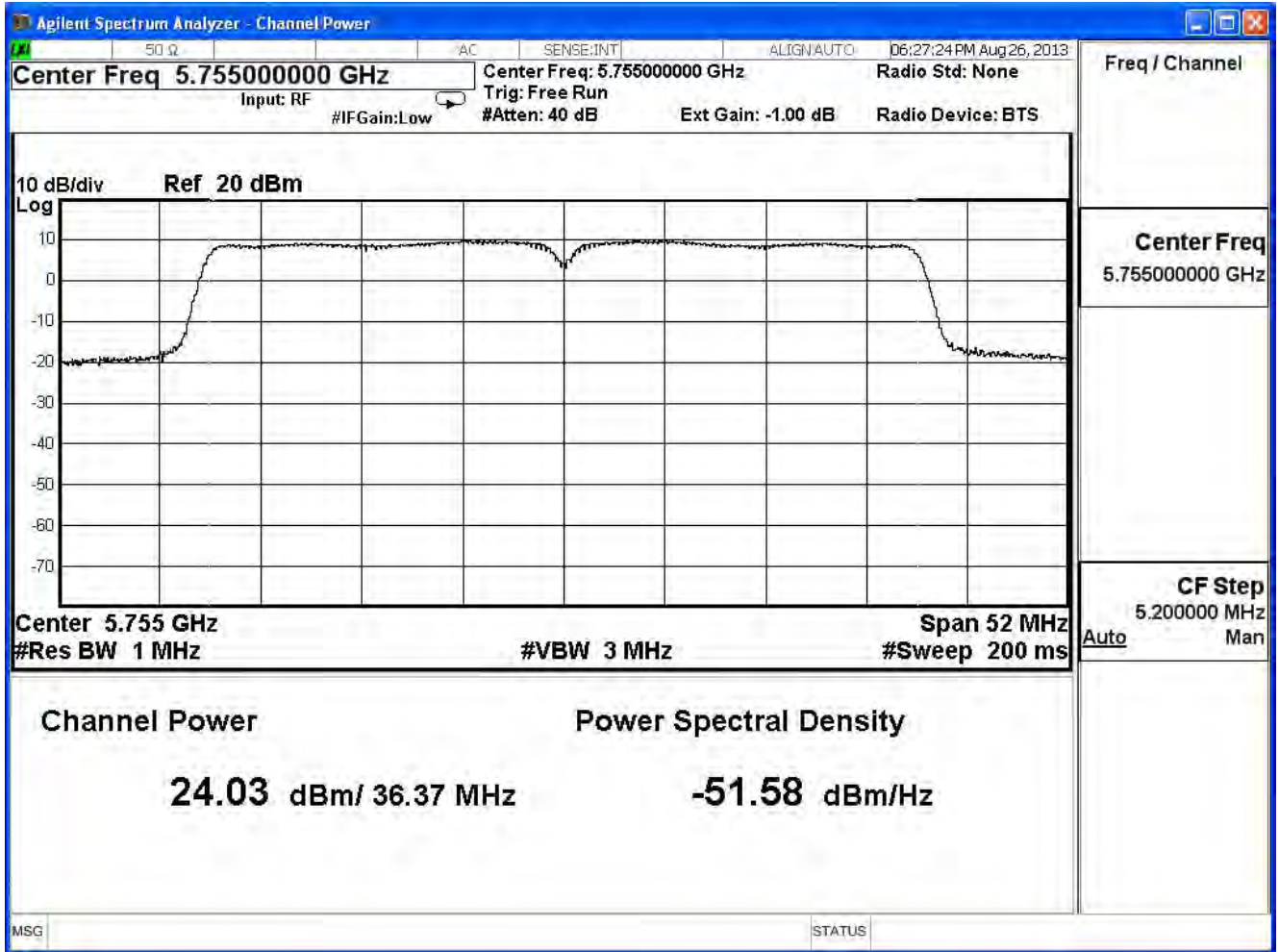
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	24.03	≤ 30	Pass
159	5795	25.06	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

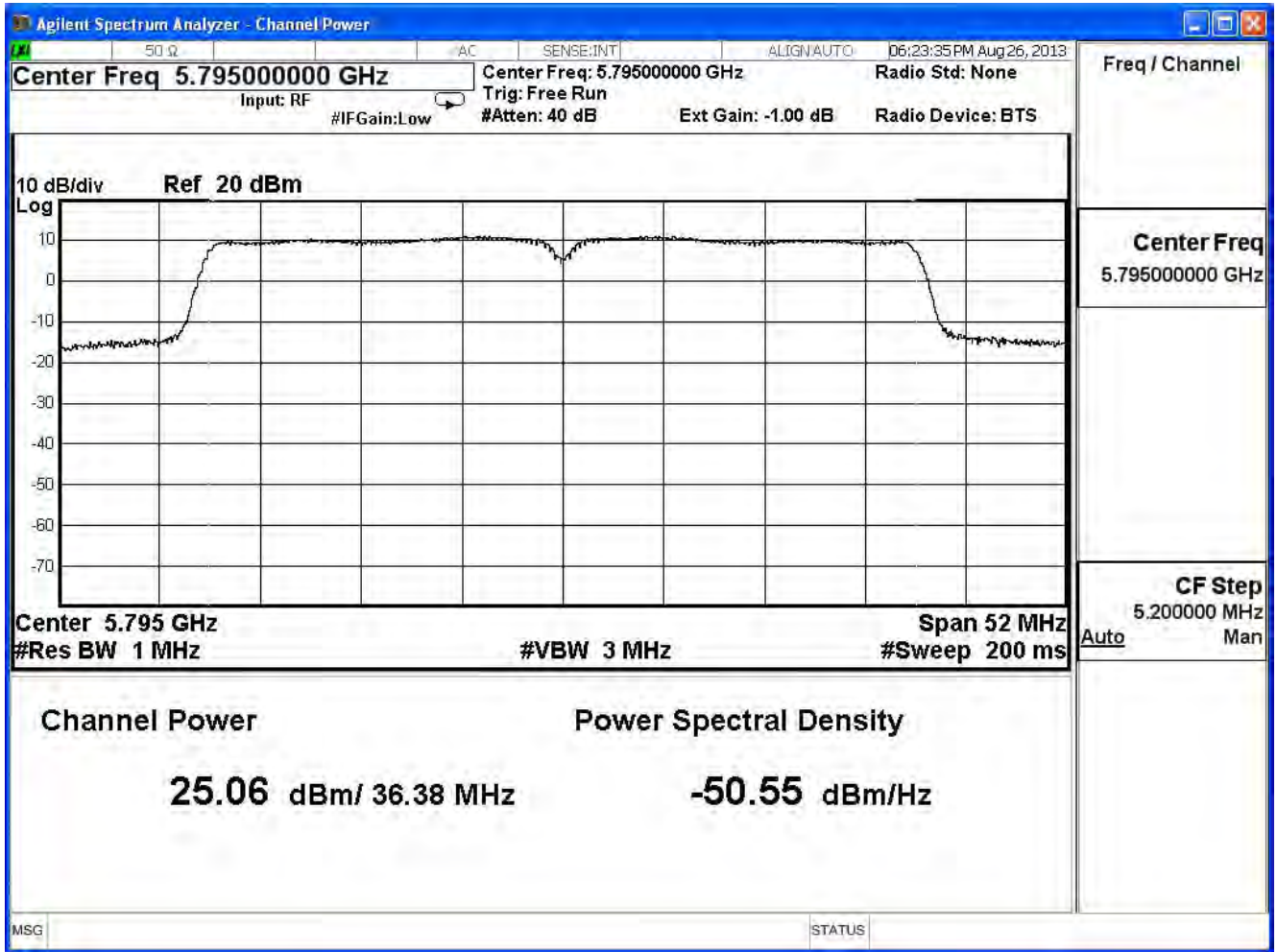
Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	24.03	--	--	--	--	--	--	--	30dBm
159	5795	25.06	24.96	24.76	24.66	24.56	24.44	24.32	24.20	30dBm

Note: Measure Level =Reading value + cable loss

Channel 151



**Channel 159**



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	28.42	≤ 30	Pass
159	5795	29.52	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

		Peak Power Output (dBm)								Required Limit
MCS Index		16	17	18	19	20	21	22	23	
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	28.42	--	--	--	--	--	--	--	30dBm
159	5795	29.52	29.35	29.19	29.05	28.92	28.76	28.61	28.45	30dBm

Note: Measure Level =Reading value + cable loss



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0) , power index: ch155:96

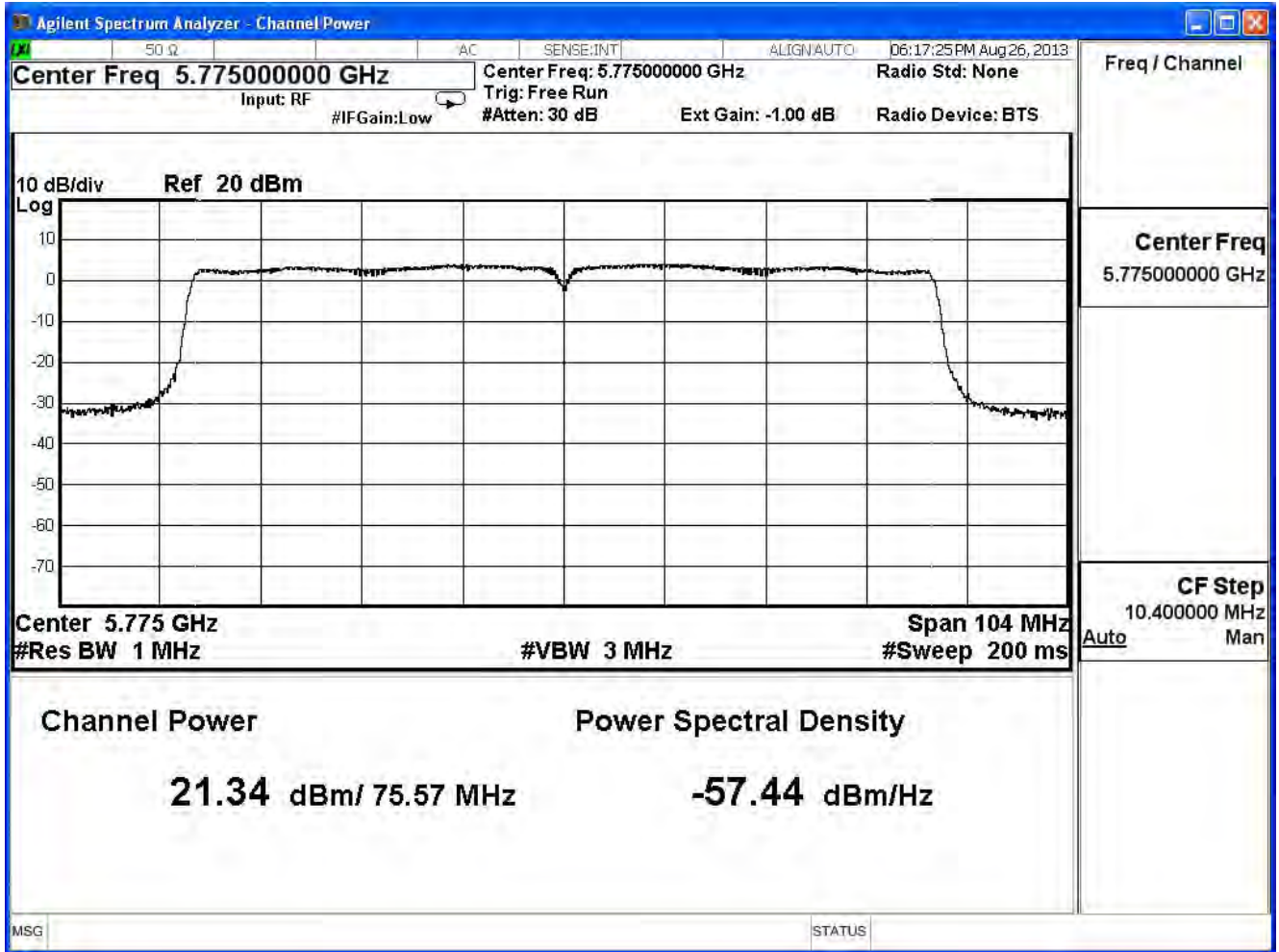
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	21.34	≤ 30	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	21.34	21.14	20.94	20.84	20.74	20.54	20.42	20.18	19.94	19.82

Note: Measure Level =Reading value + cable loss

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11ac 80MHz (ANT 1) , power index: ch155:96

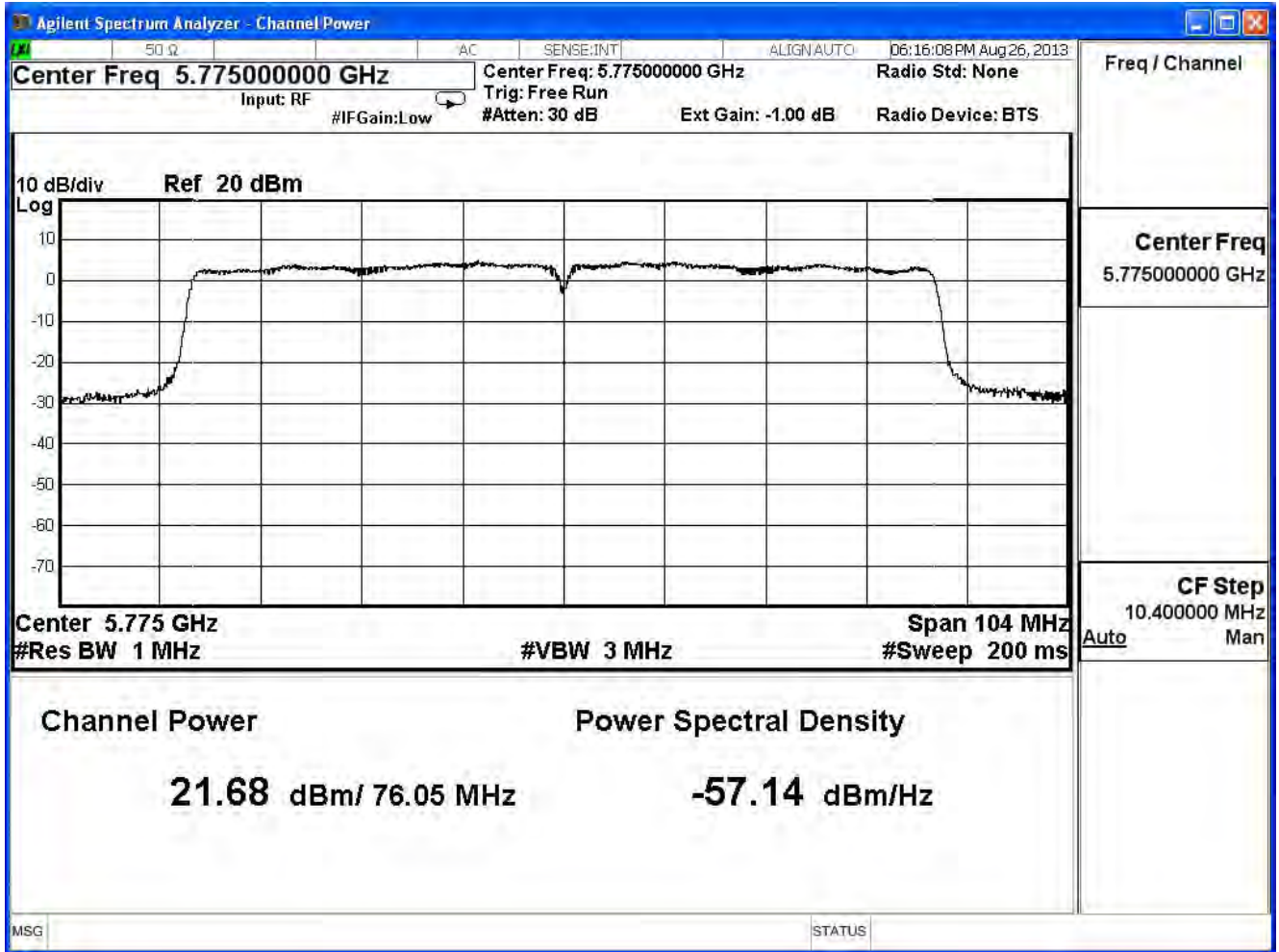
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	21.68	≤ 30	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	21.68	21.58	21.38	21.28	21.08	20.98	20.86	20.62	20.50	20.38

Note: Measure Level =Reading value + cable loss

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11ac 80MHz (ANT 2) , power index: ch155:96

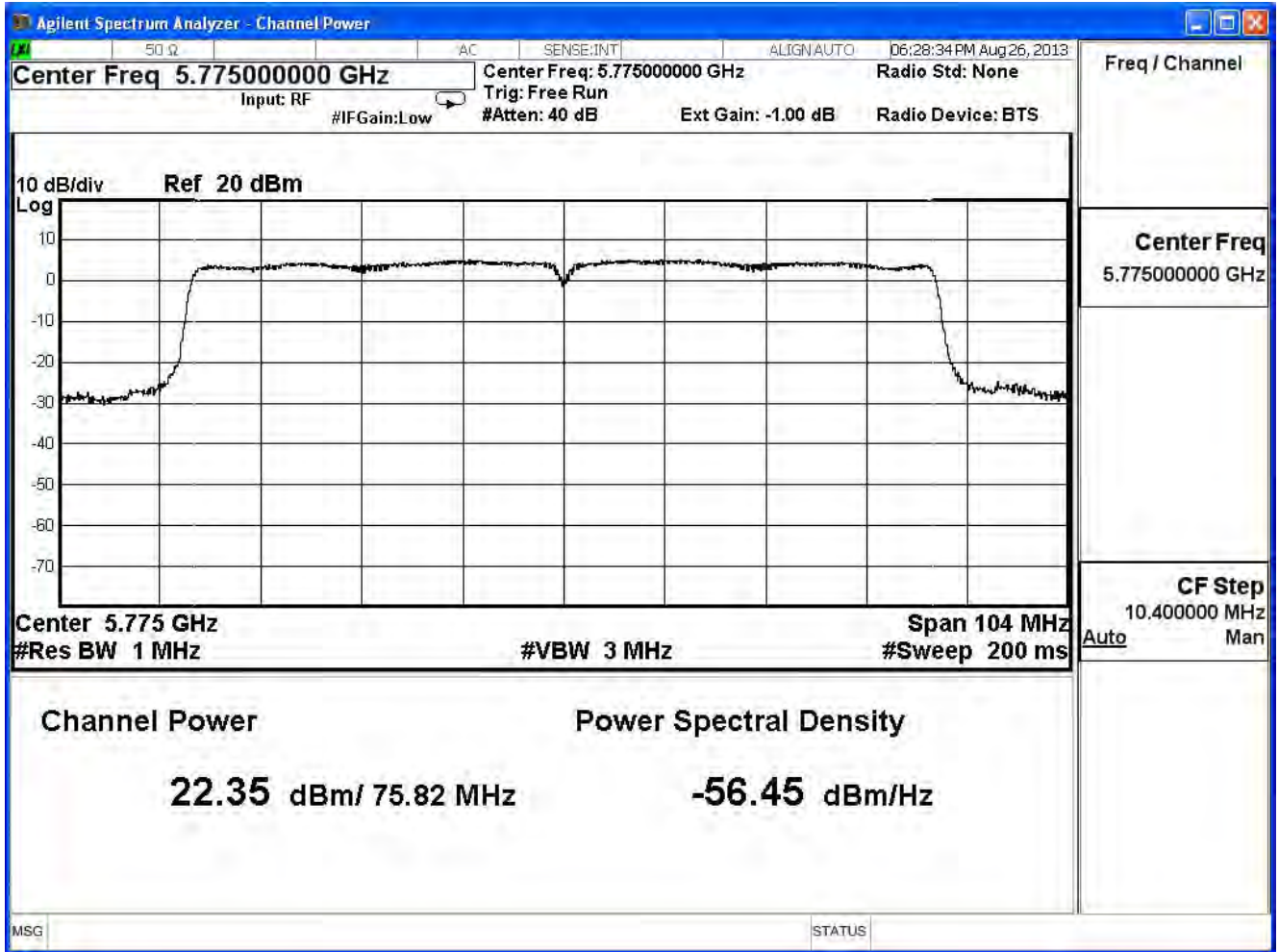
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	22.35	≤30	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	22.35	22.25	22.05	21.95	21.85	21.65	21.41	21.29	21.05	20.81

Note: Measure Level =Reading value + cable loss

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	26.58	≤30	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	26.58	26.45	26.25	26.15	26.02	25.85	25.69	25.49	25.29	25.13

Note: Measure Level =Reading value + cable loss



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11b, 1TX mode (SISO), power index: ch1:92, ch6:92 ,ch11:89				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	22.73	≤ 29.32	Pass
6	2437	22.77	≤ 29.32	Pass
11	2462	21.89	≤ 29.32	Pass

The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	22.73	--	--	--	29.32dBm
6	2437	22.77	22.57	22.33	22.22	29.32dBm
11	2462	21.89	--	--	--	29.32dBm

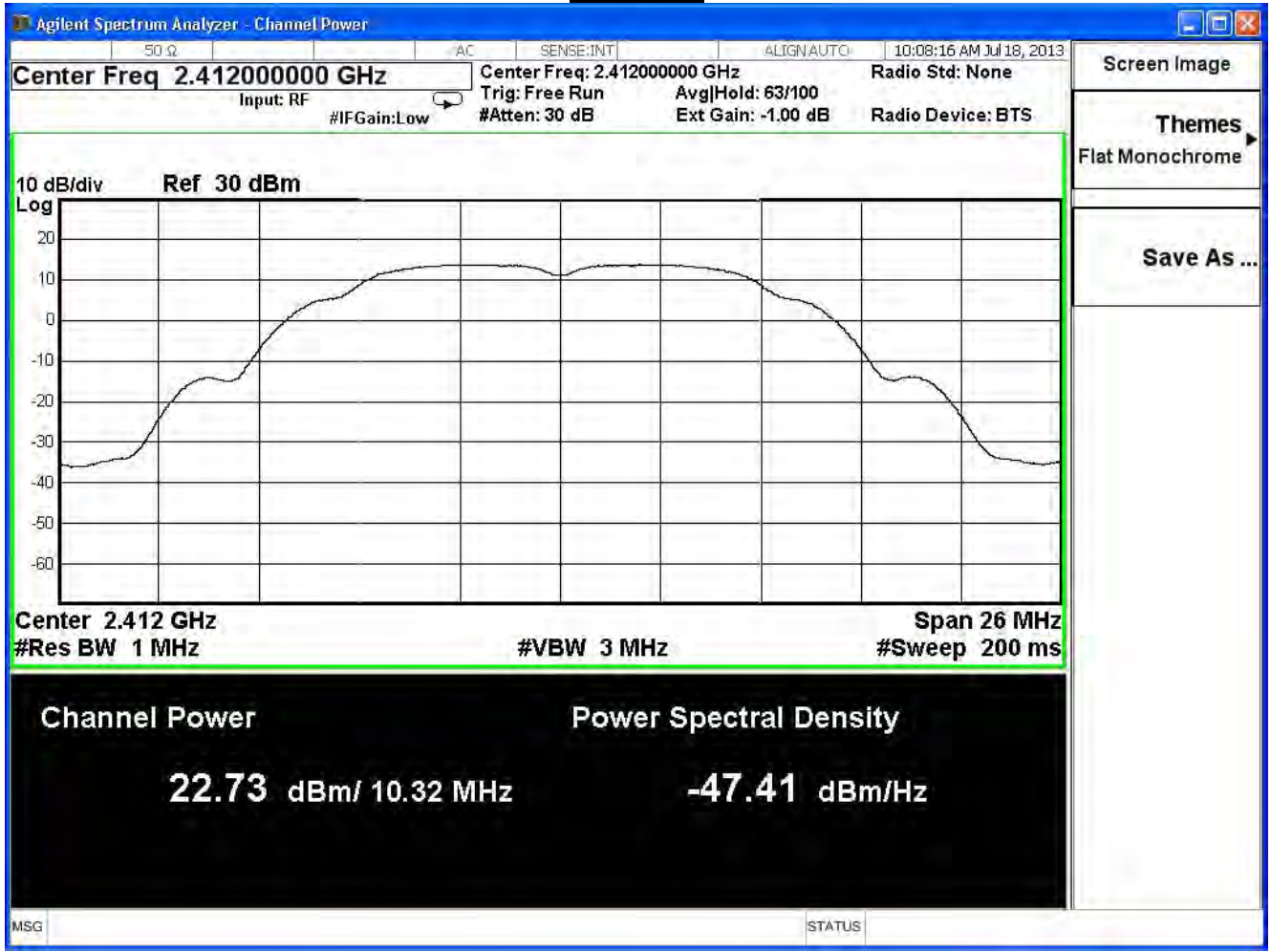
Note:

Measure Level =Reading value + cable loss

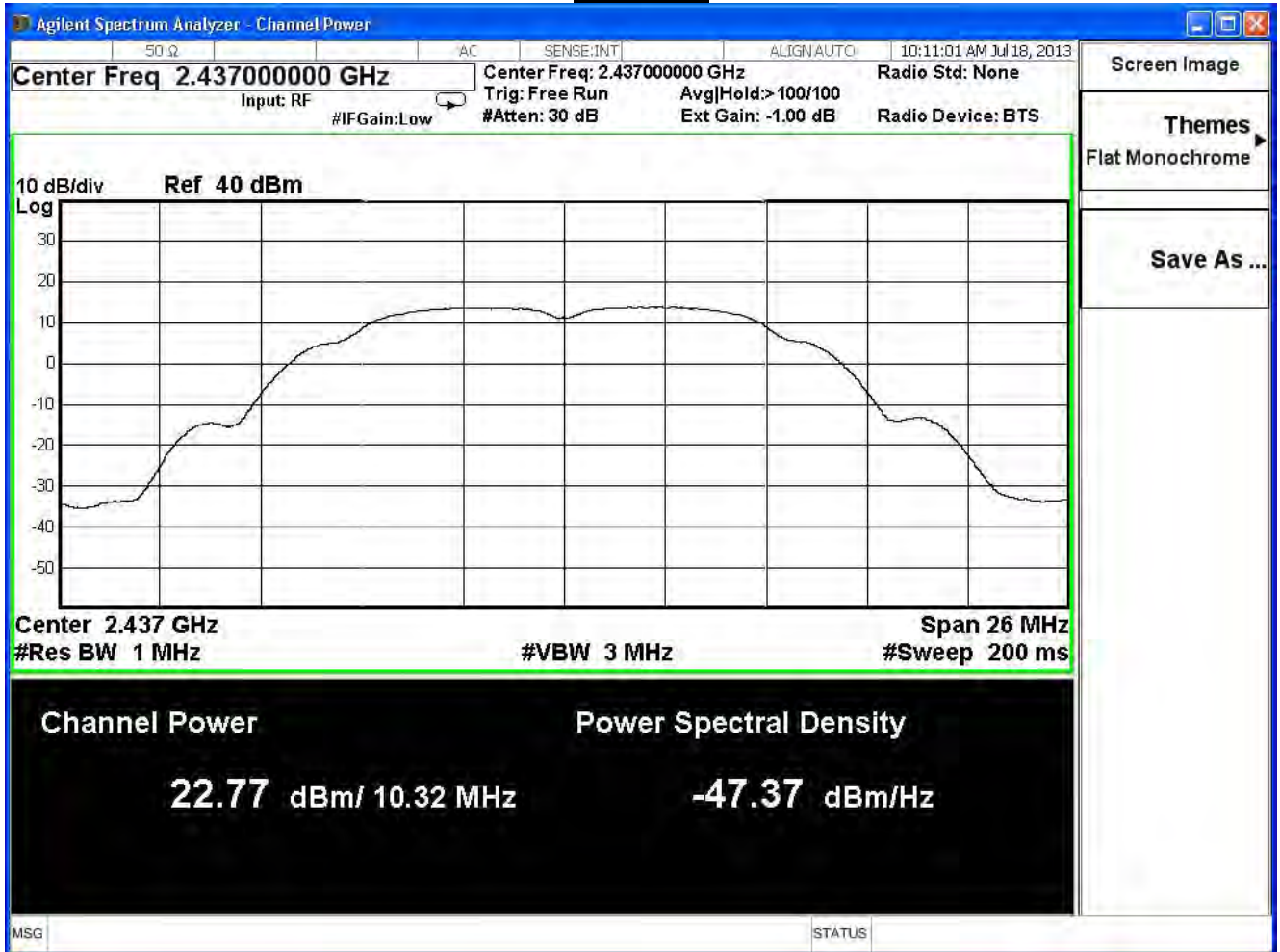
Directional Gain=Beamforming Gain + Max Gain = 4.77dB + 1.91dBi = 6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

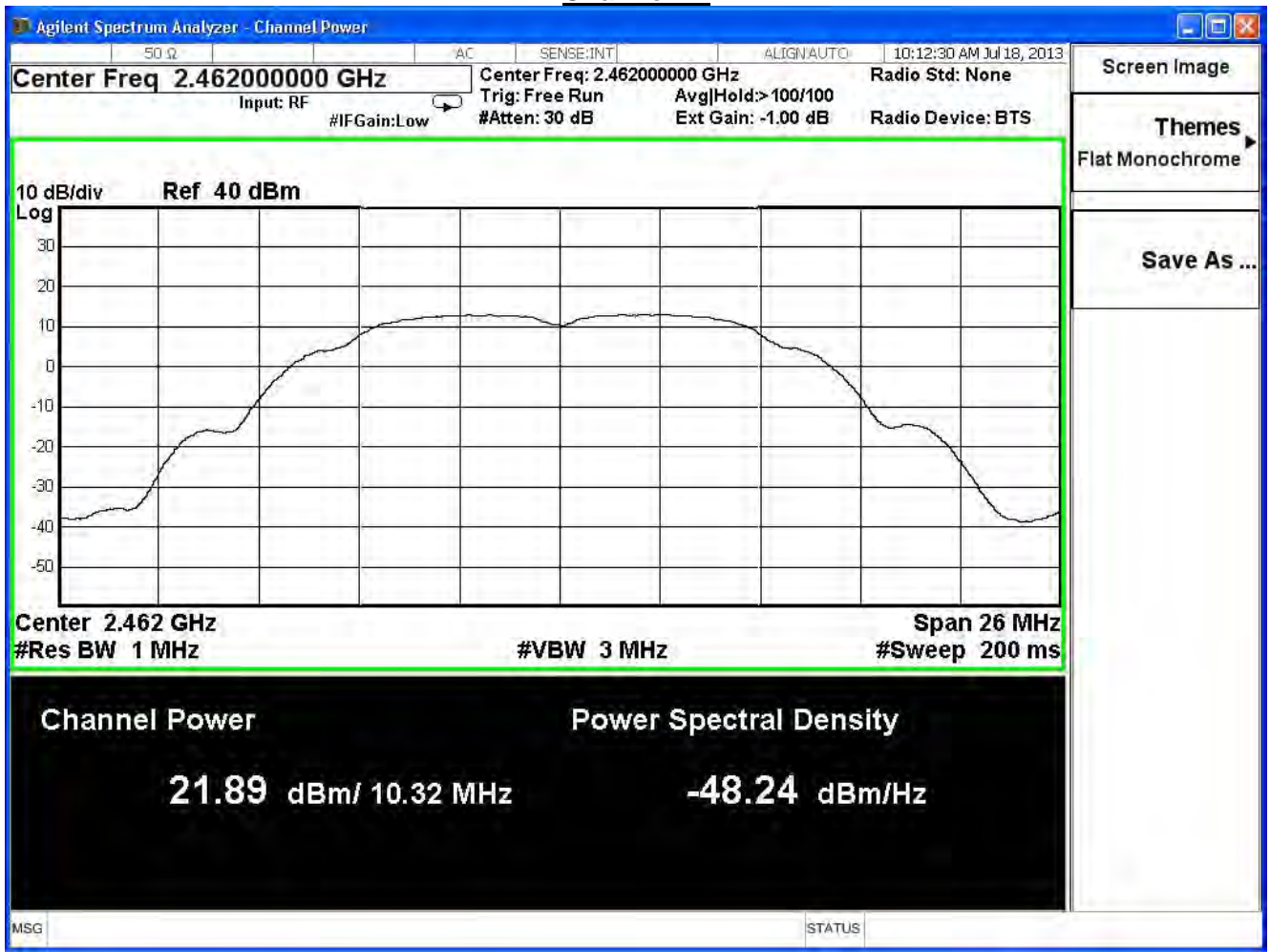
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11g, 1TX mode (SISO), power index: ch1:80, ch6:100 ,ch11:72				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.88	≤ 29.32	Pass
6	2437	25.02	≤ 29.32	Pass
11	2462	18.35	≤ 29.32	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	19.88	--	--	--	--	--	--	29.32 dBm
6	2437	25.02	24.82	24.71	24.58	24.46	24.35	24.23	29.32 dBm
11	2462	18.35	--	--	--	--	--	--	29.32 dBm

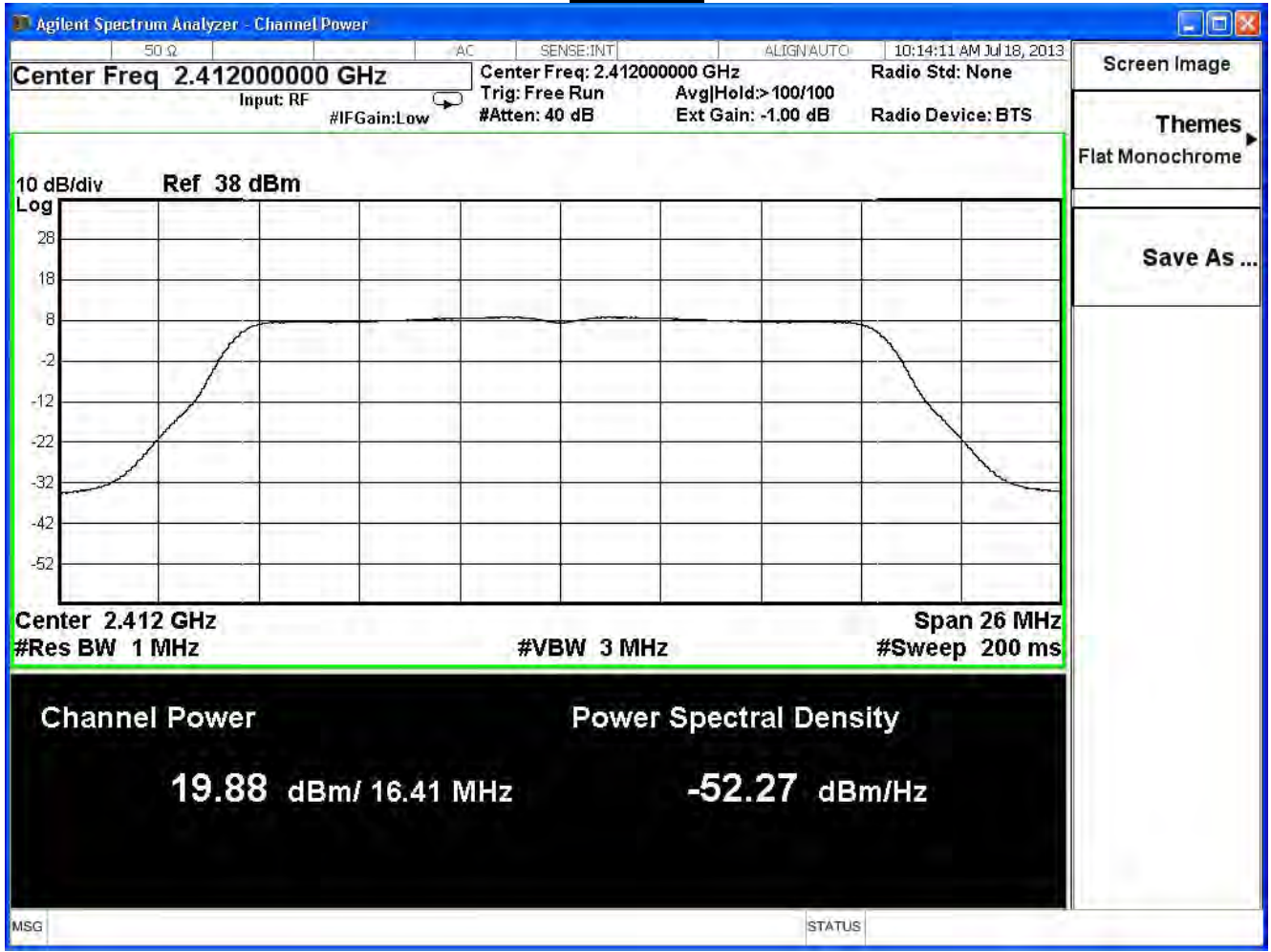
Note:

Measure Level =Reading value + cable loss

Directional Gain=Beamforming Gain + Max Gain = 4.77dB + 1.91dBi = 6.68dBi

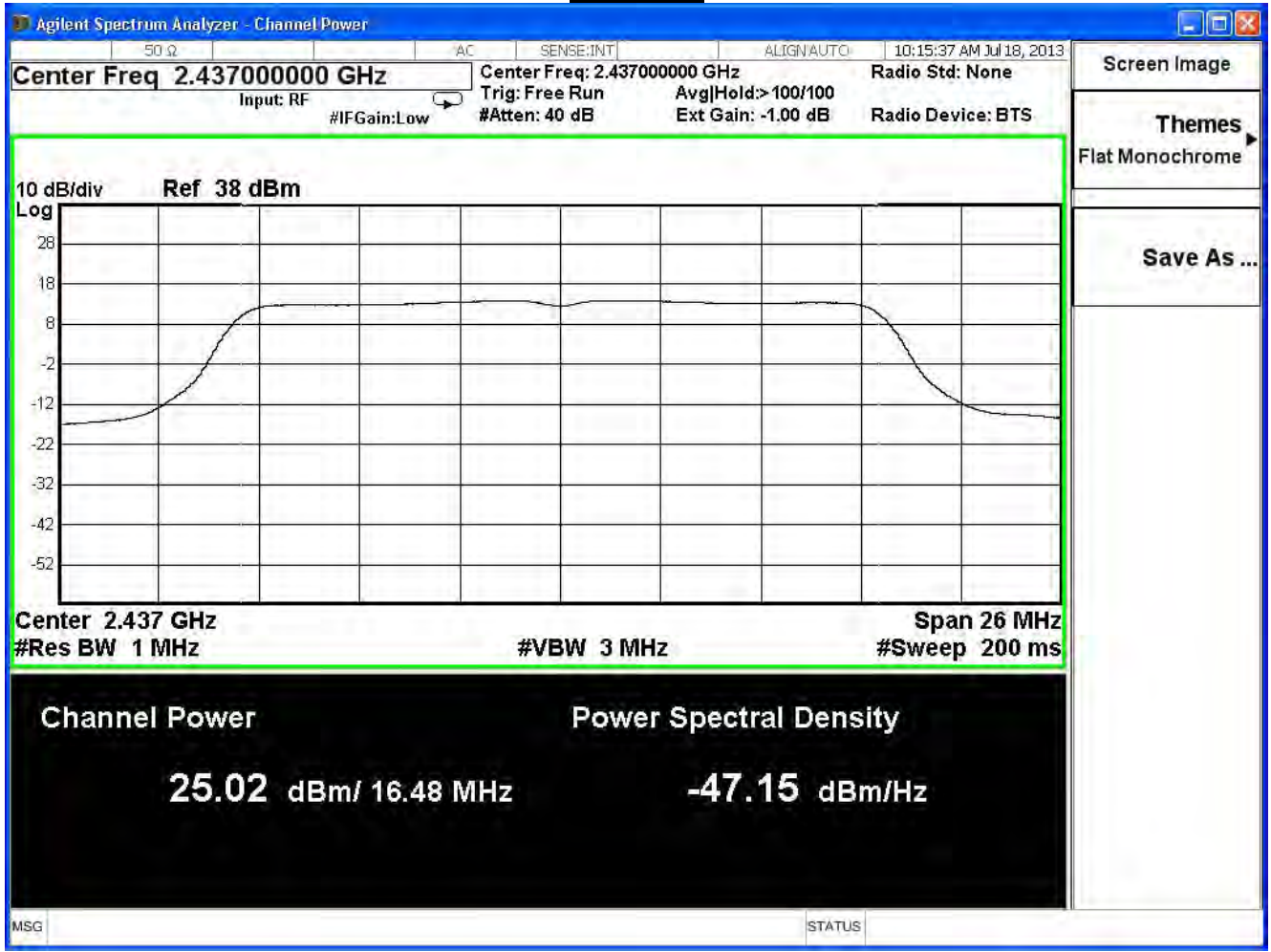
Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

Channel 1



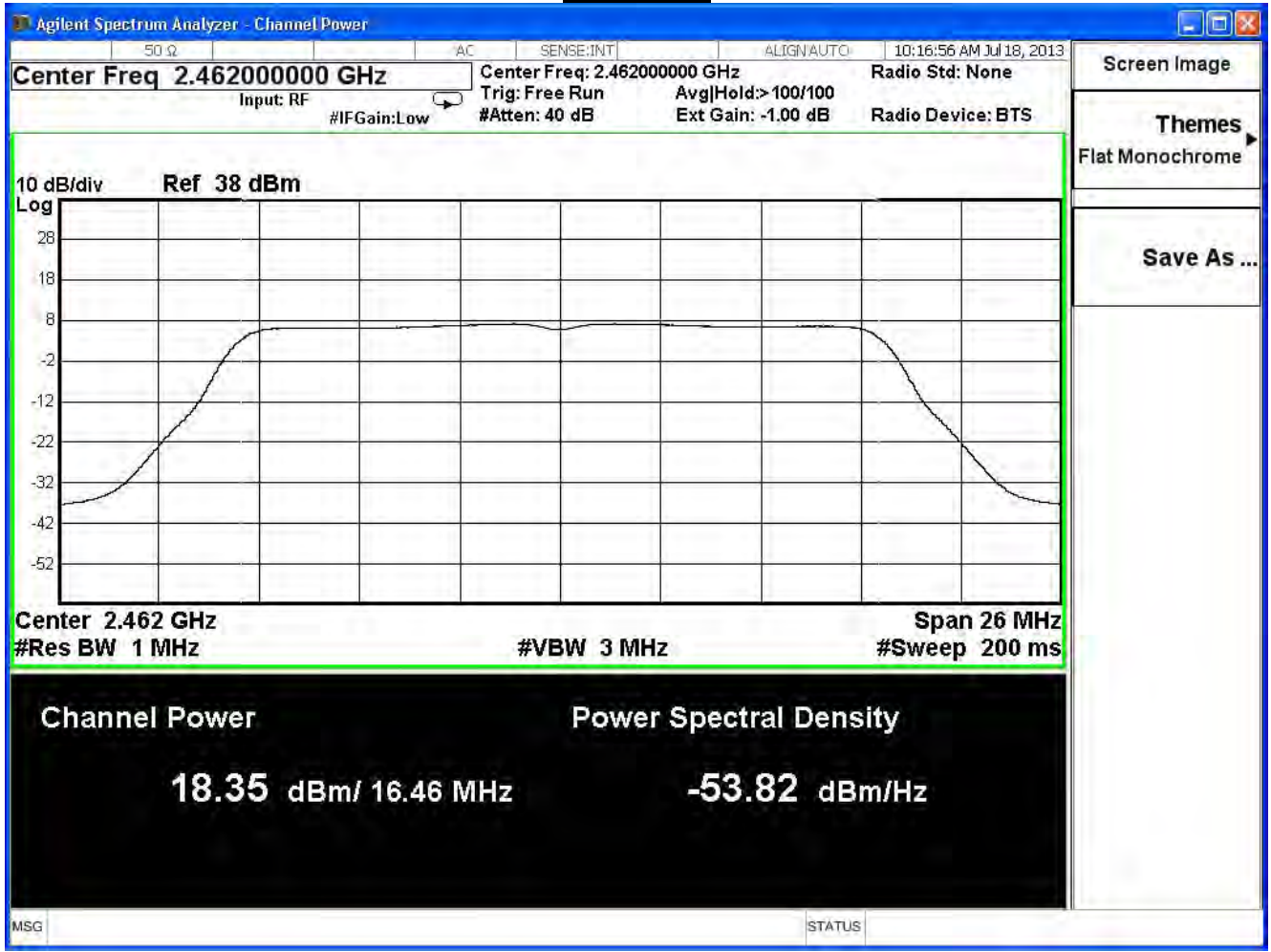


Channel 6





Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0) , power index: ch1:56, ch6:91 ,ch11:58

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.18	≤ 29.32	Pass
6	2437	23.27	≤ 29.32	Pass
11	2462	17.05	≤ 29.32	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	18.18	--	--	--	--	--	--	--	29.32dBm
6	2437	23.27	23.15	22.95	22.84	22.71	22.59	22.47	22.36	29.32dBm
11	2462	17.05	--	--	--	--	--	--	--	29.32dBm

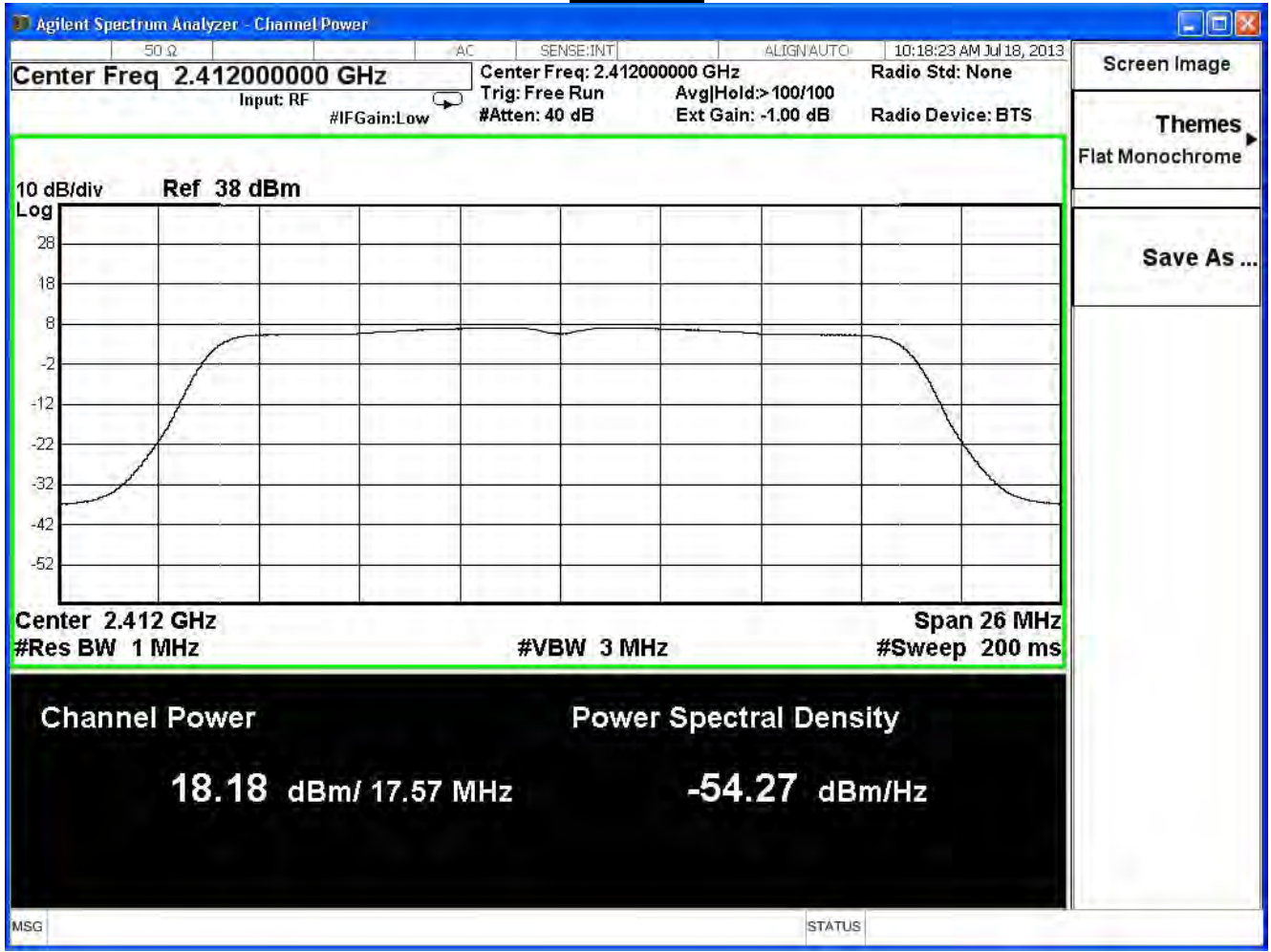
Note:

Measure Level =Reading value + cable loss

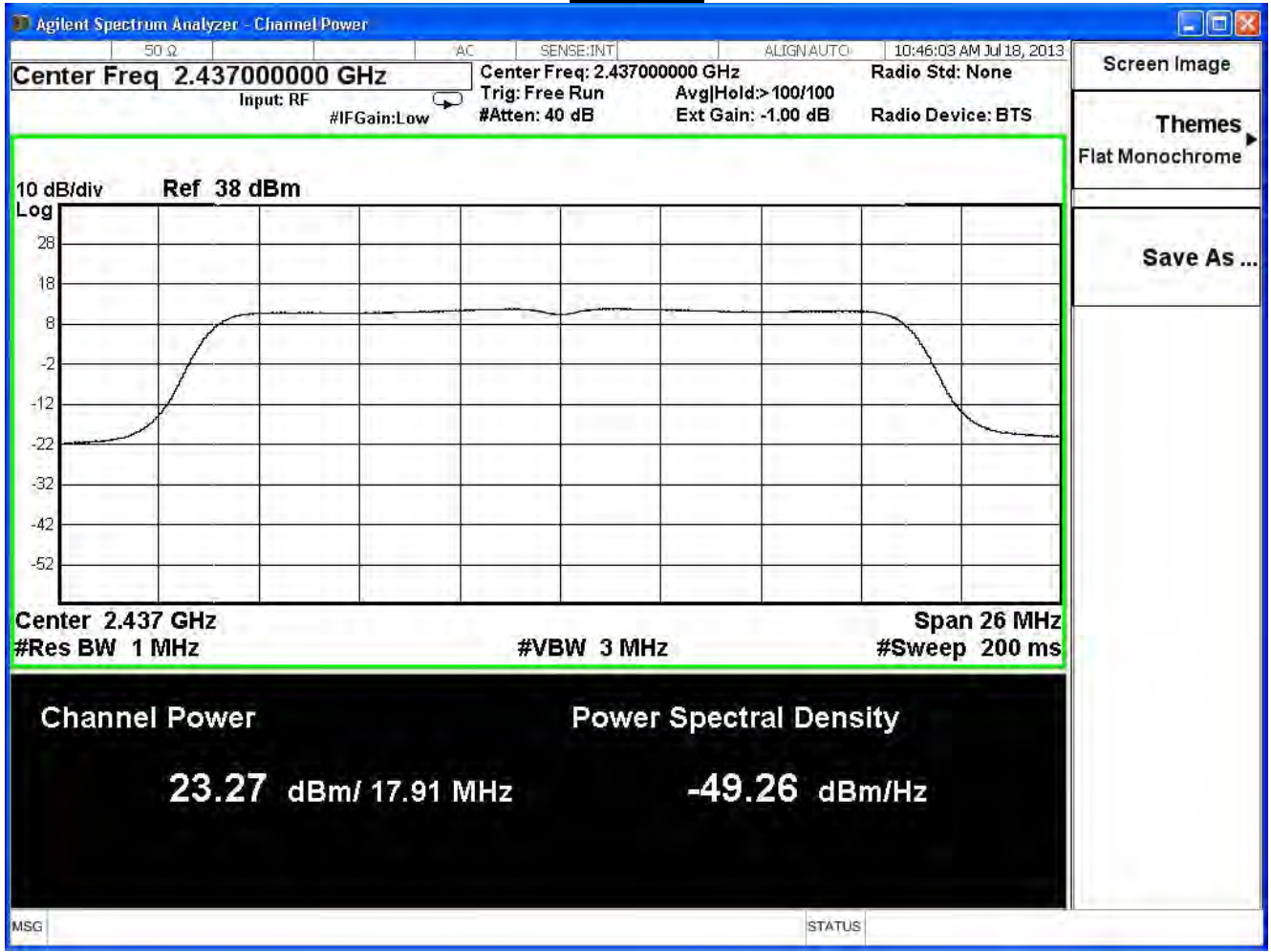
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

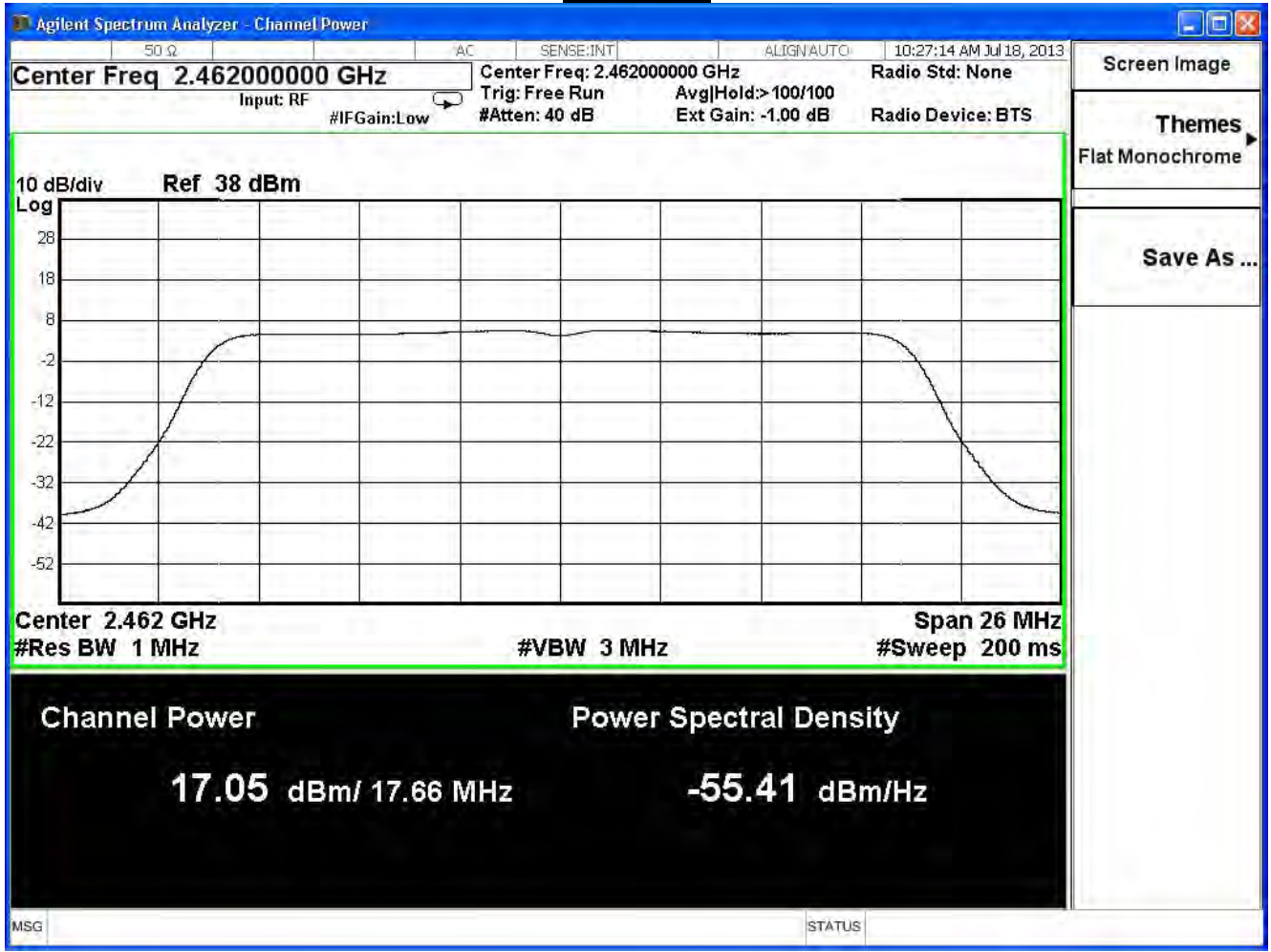
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1) , power index: ch1:56, ch6:91 ,ch11:58

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.03	≤ 29.32	Pass
6	2437	21.32	≤ 29.32	Pass
11	2462	17.02	≤ 29.32	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	17.03	--	--	--	--	--	--	--	29.32dBm
6	2437	21.32	21.31	21.30	21.29	21.28	21.27	21.26	21.25	29.32dBm
11	2462	17.02	--	--	--	--	--	--	--	29.32dBm

Note:

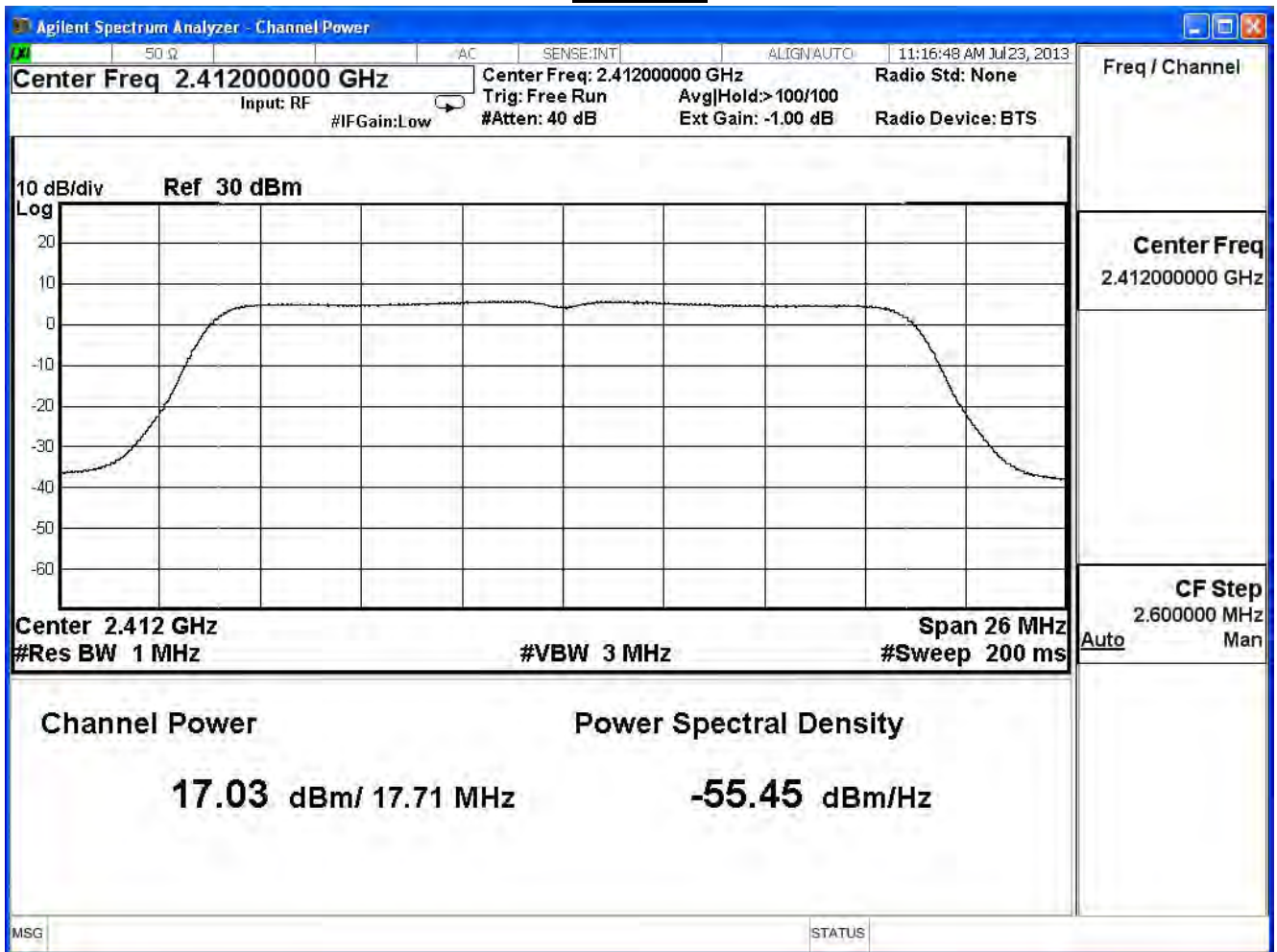
Measure Level =Reading value + cable loss

Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

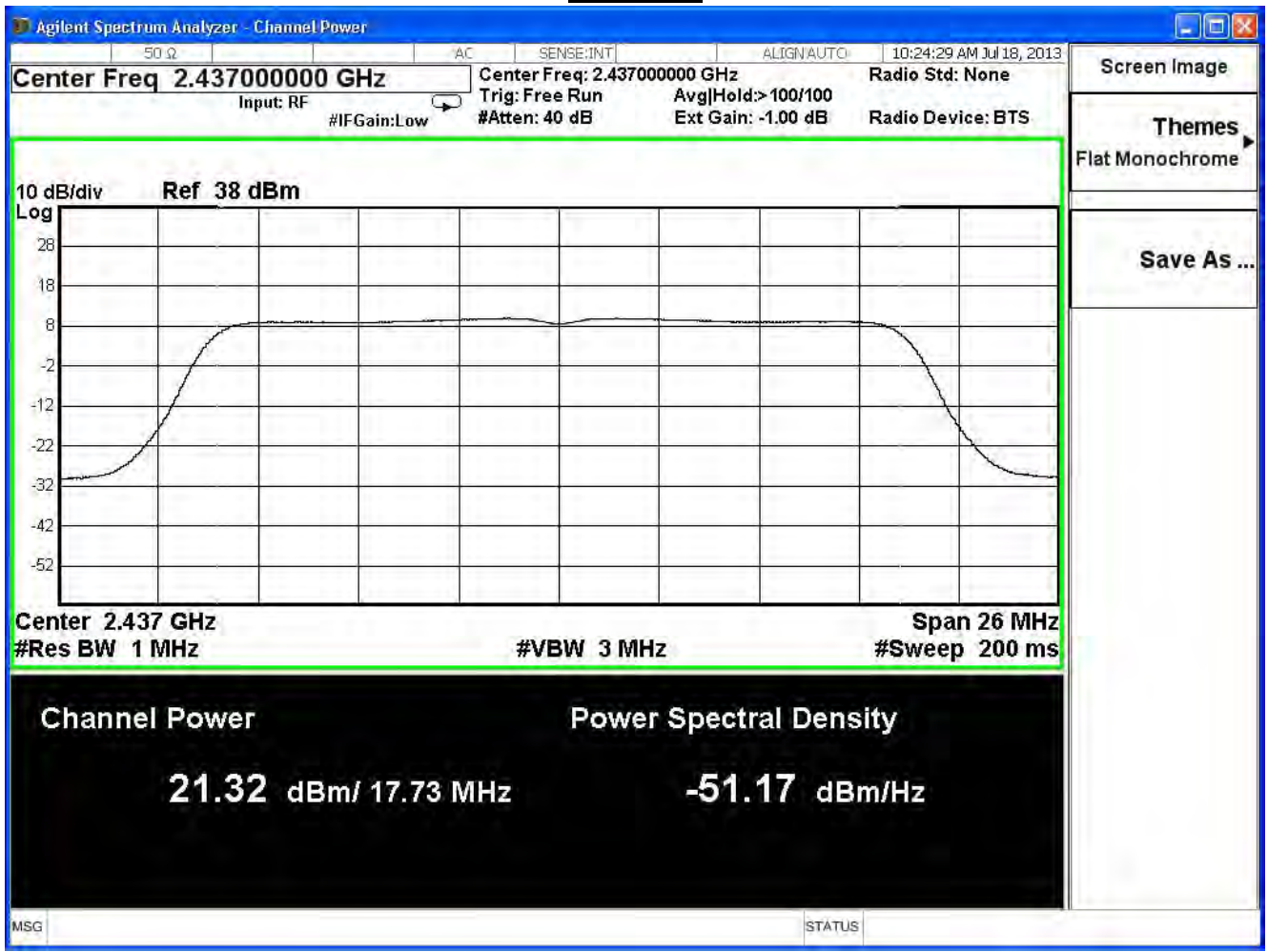


Channel 1

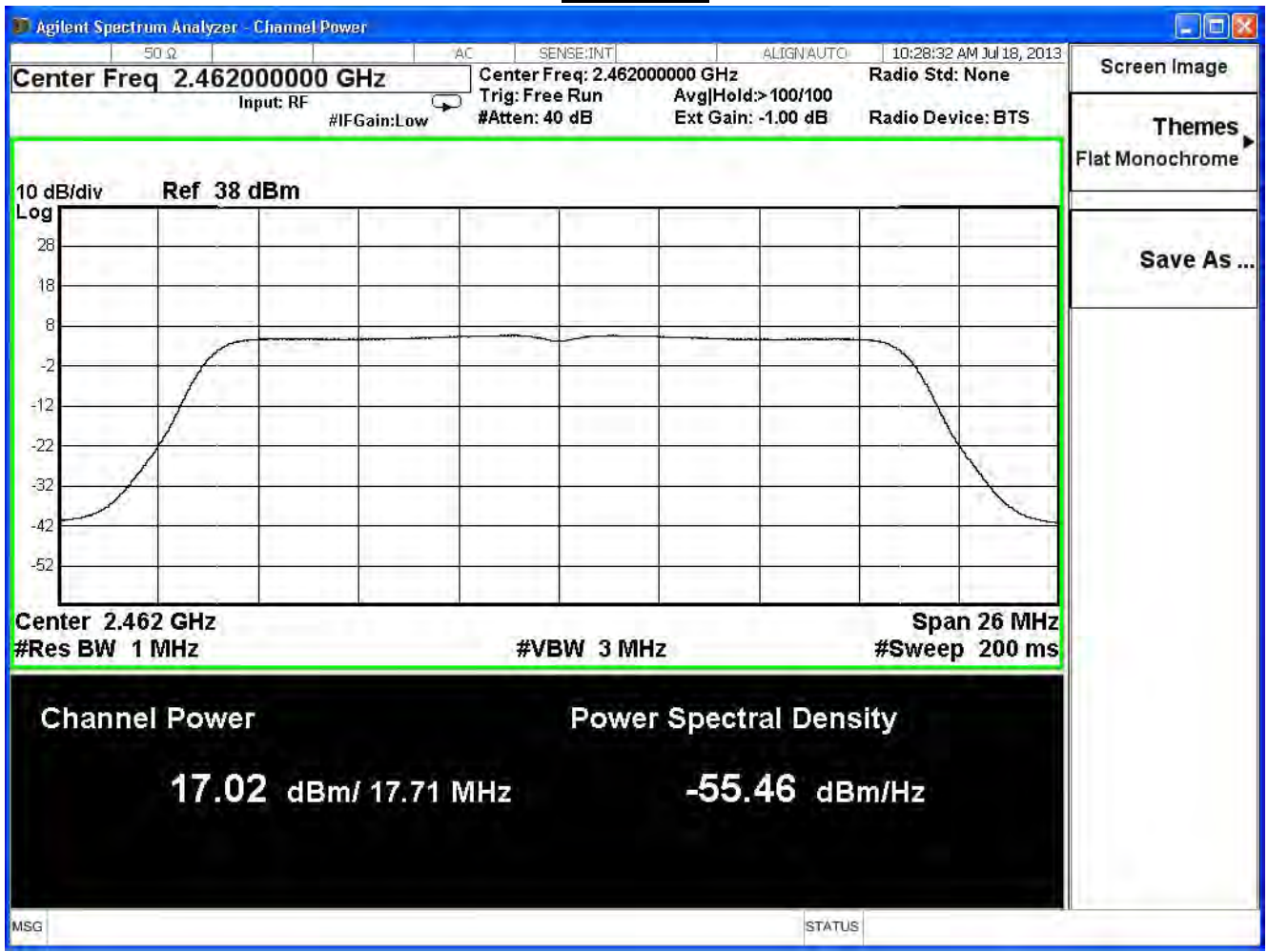




**Channel 6**



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2) , power index: ch1:56, ch6:91 ,ch11:58

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.38	≤ 29.32	Pass
6	2437	22.41	≤ 29.32	Pass
11	2462	16.64	≤ 29.32	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	17.38	--	--	--	--	--	--	--	29.32dBm
6	2437	22.41	22.31	22.18	22.08	21.95	21.83	21.71	21.59	29.32dBm
11	2462	16.64	--	--	--	--	--	--	--	29.32dBm

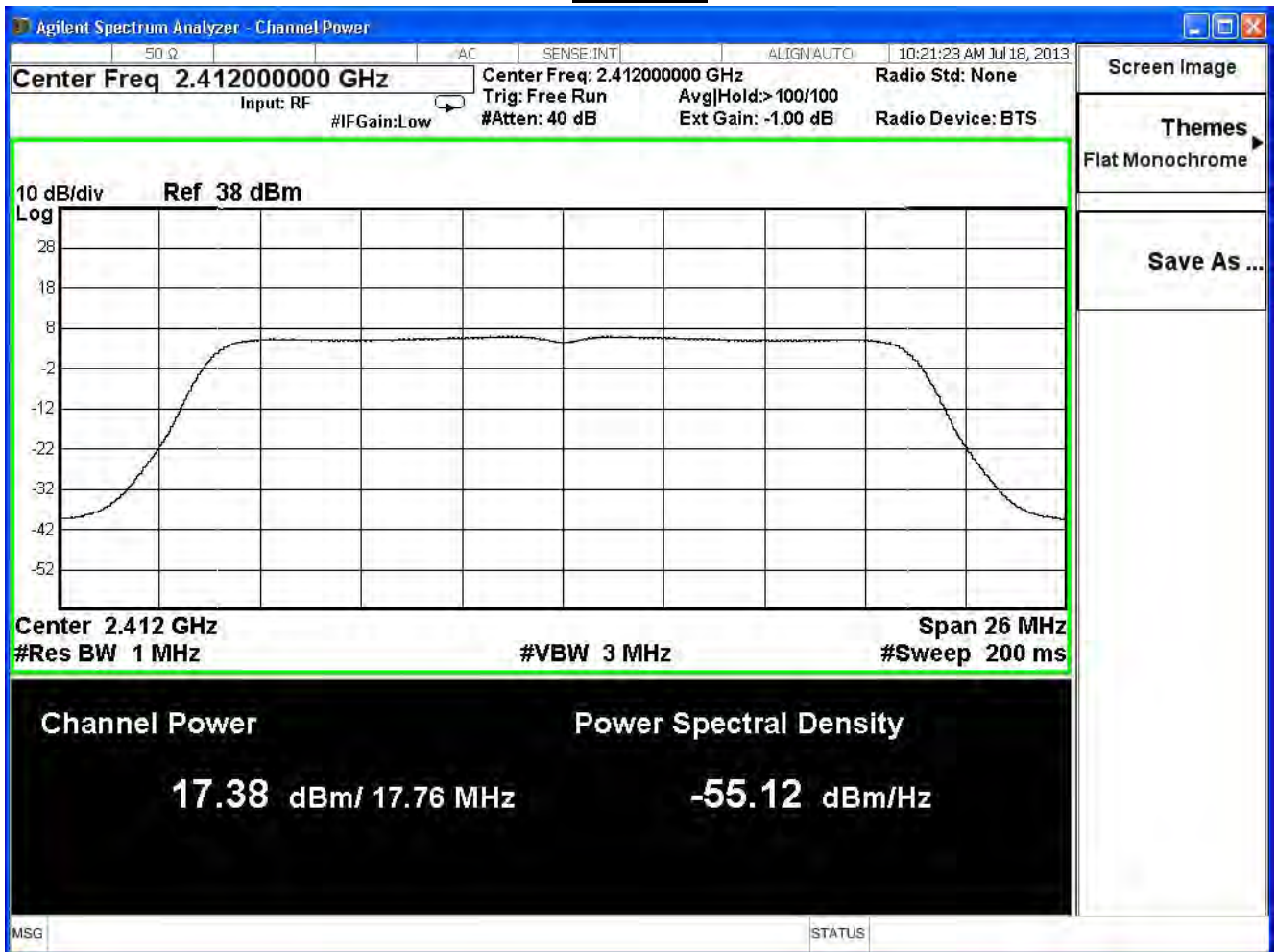
Note:

Measure Level =Reading value + cable loss

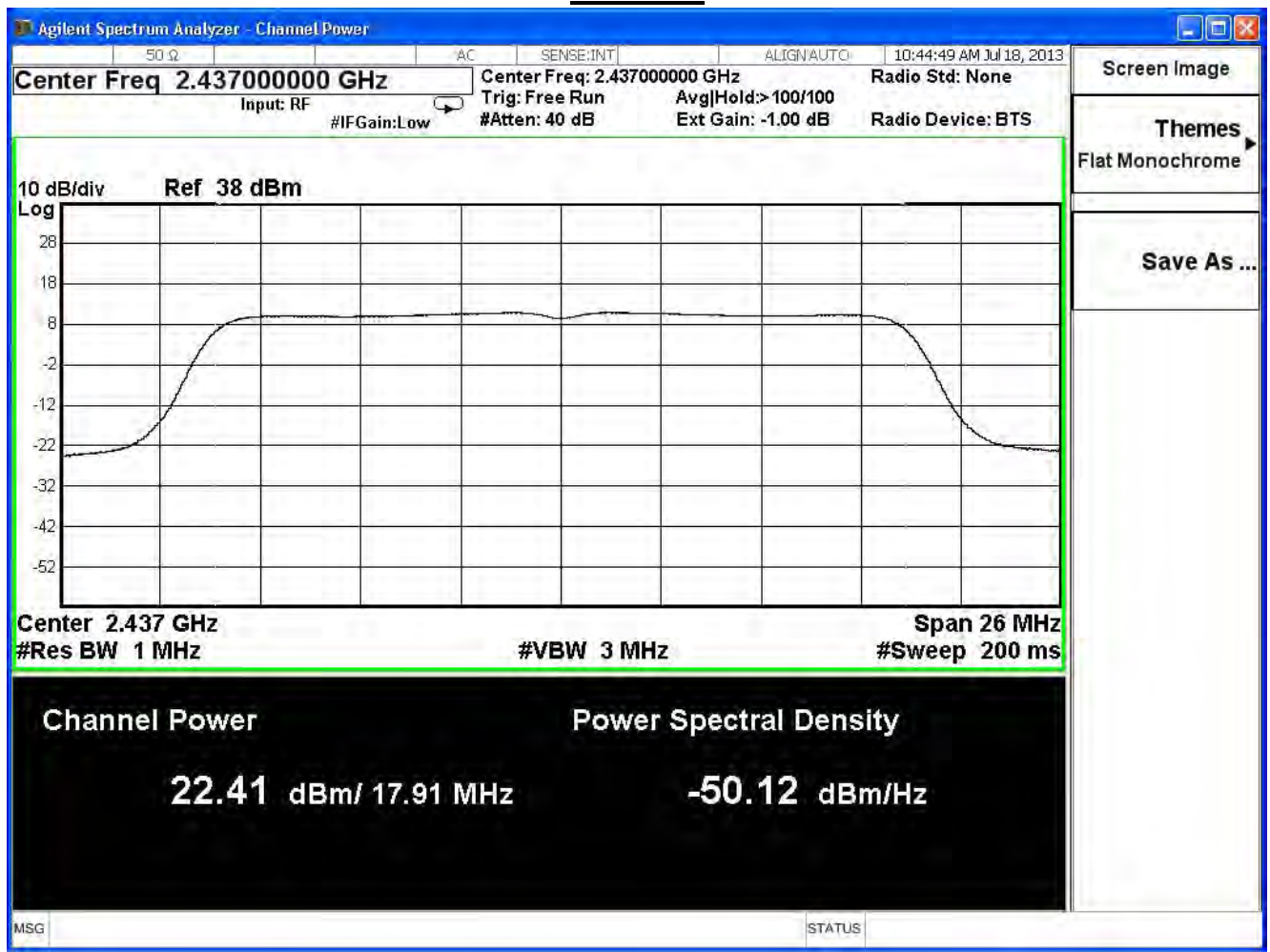
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

Channel 1

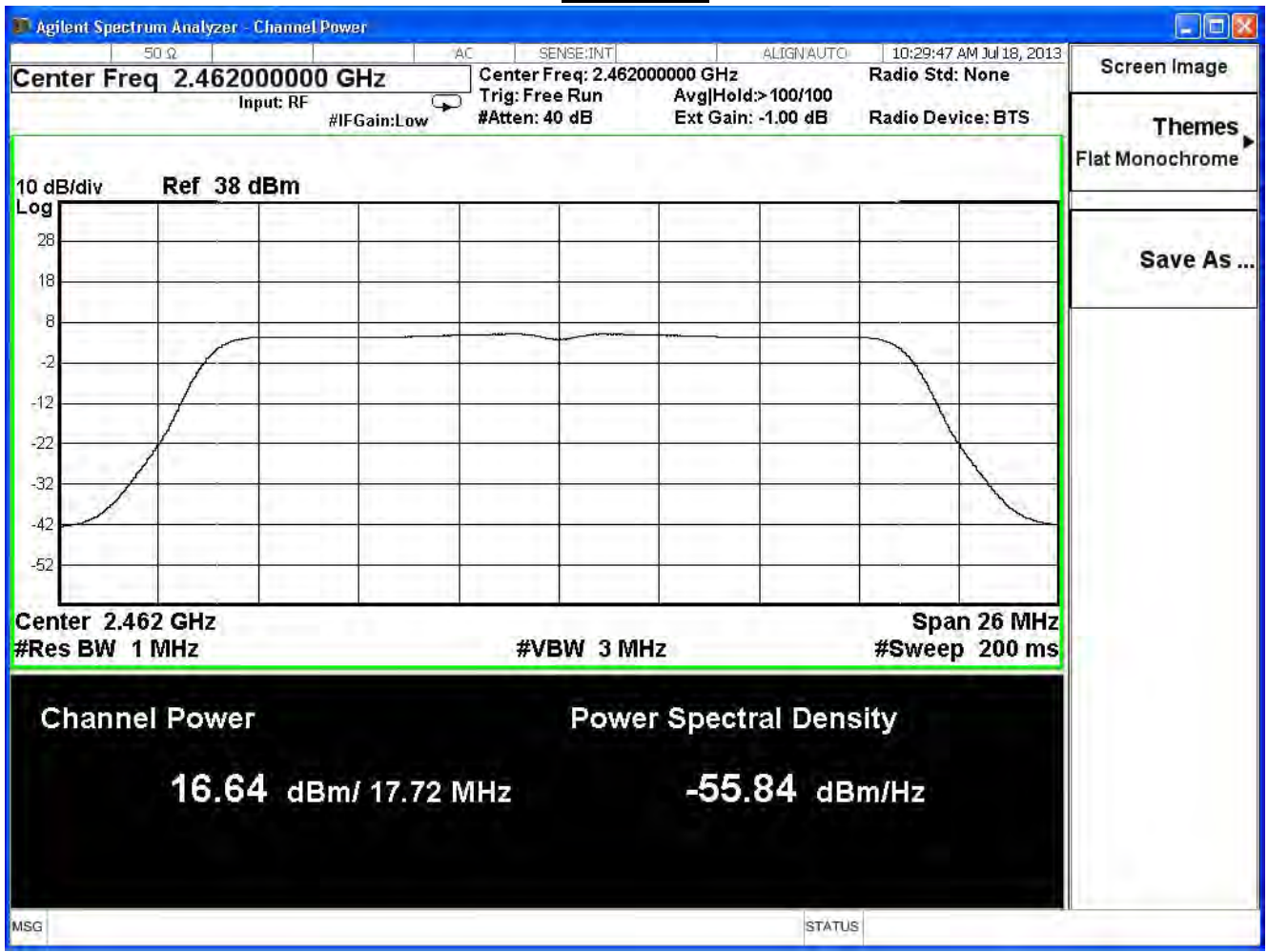


**Channel 6**





Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	22.33	≤ 29.32	Pass
6	2437	27.18	≤ 29.32	Pass
11	2462	21.68	≤ 29.32	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	22.33	--	--	--	--	--	--	--	29.32dBm
6	2437	27.18	27.04	26.89	26.78	26.66	26.54	26.38	26.27	29.32dBm
11	2462	21.68	--	--	--	--	--	--	--	29.32dBm

Note:

Measure Level = Reading value + cable loss

Directional Gain =  $10\log(\text{Ant N}) + \text{max Gain} = 10\log(3) + 1.91\text{dBi} = 6.68\text{dBi}$

Required Limit =  $30\text{dBm} - (6.68\text{dBi} - 6\text{dB}) = 30\text{dBm} - 0.68\text{dB} = 29.32\text{dBm}$



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2014/01/22	Test Site	SR7

IEEE802.11n 40MHz (ANT 0) , power index: ch3:70, ch6:78 ,ch9:62

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	16.24	≤ 29.32	Pass
6	2437	18.10	≤ 29.32	Pass
9	2452	14.32	≤ 29.32	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	16.24	--	--	--	--	--	--	--	29.32dBm
6	2437	18.10	18.00	17.78	17.68	17.58	17.34	17.21	17.09	29.32dBm
9	2452	14.32	--	--	--	--	--	--	--	29.32dBm

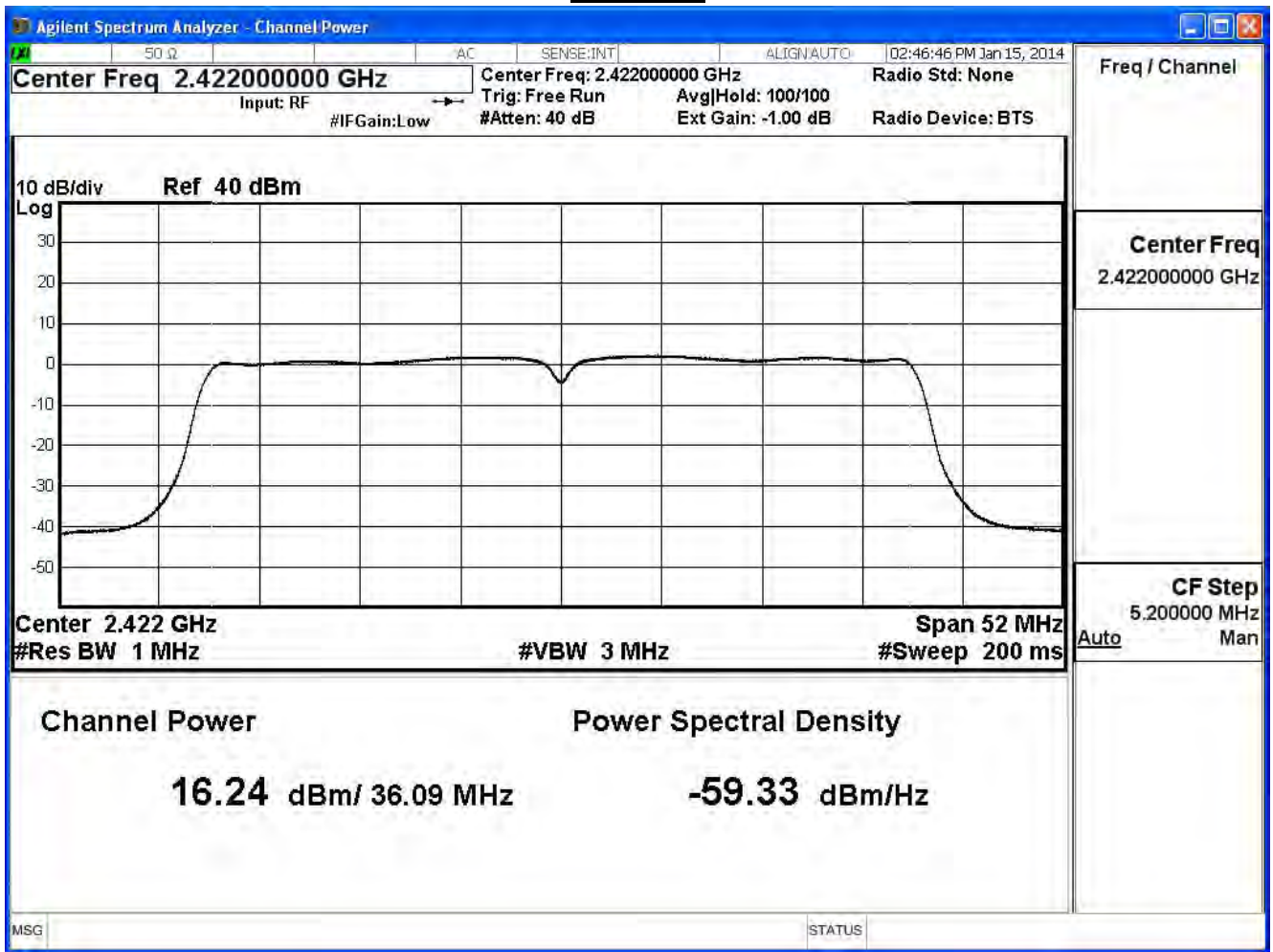
Note:

Measure Level =Reading value + cable loss

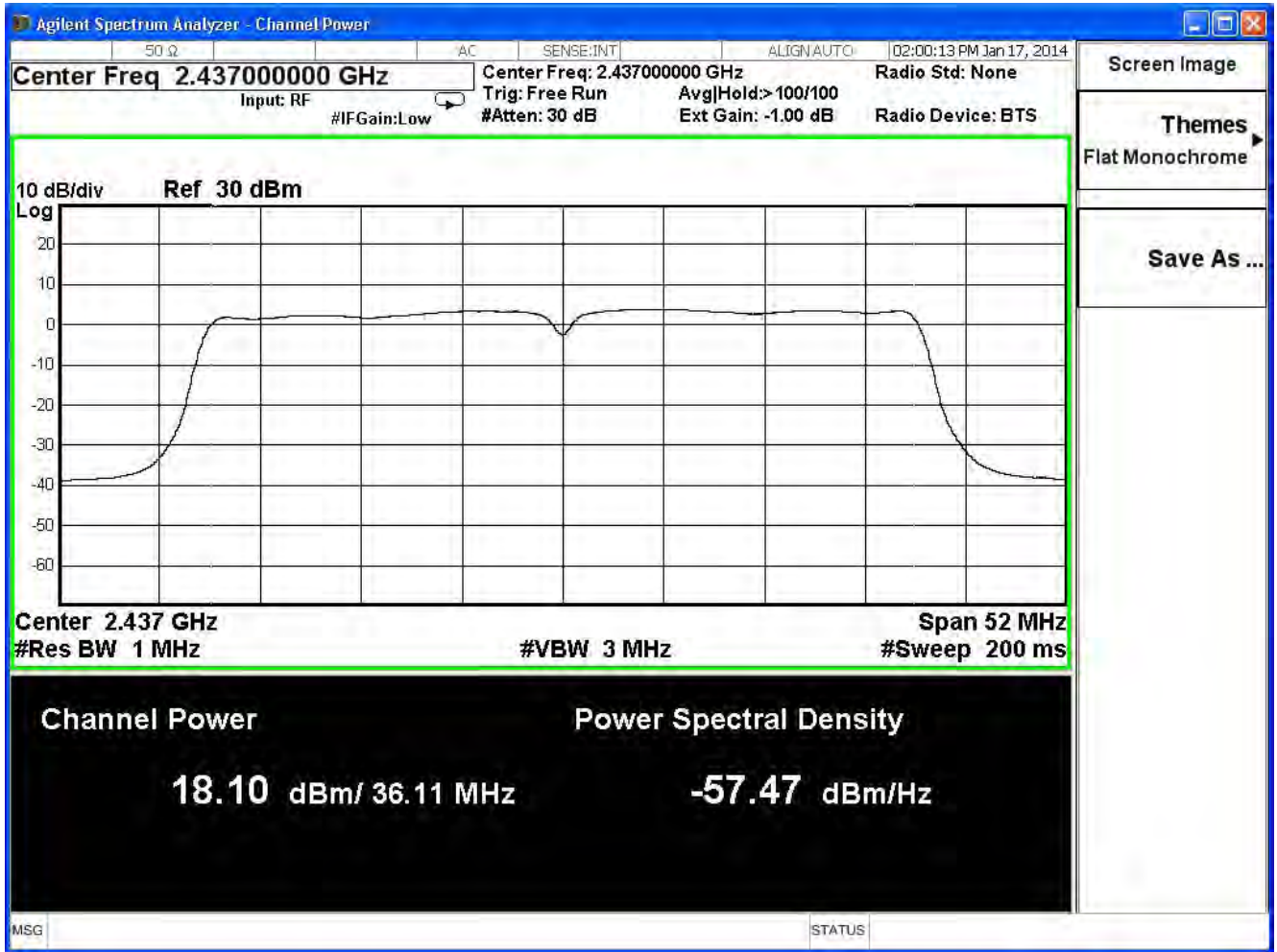
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

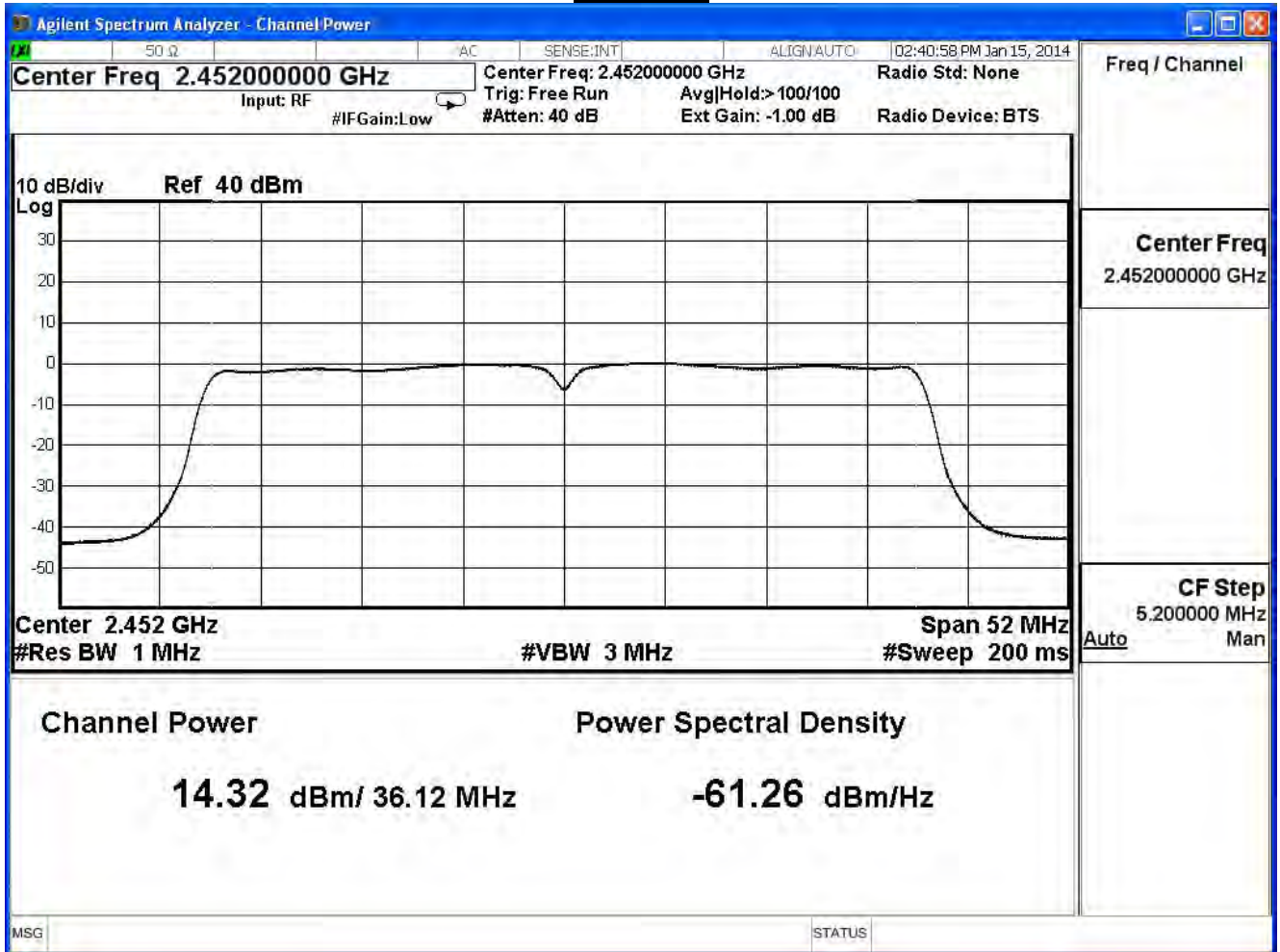
**Channel 3**



**Channel 6**



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2014/01/22	Test Site	SR7

IEEE802.11n 40MHz (ANT 1) , power index: ch3:70, ch6:78 ,ch9:62

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	15.89	≤ 29.32	Pass
6	2437	17.57	≤ 29.32	Pass
9	2452	14.25	≤ 29.32	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	15.89	--	--	--	--	--	--	--	29.32dBm
6	2437	17.57	17.37	17.17	17.04	16.84	16.72	16.48	16.24	29.32dBm
9	2452	14.25	--	--	--	--	--	--	--	29.32dBm

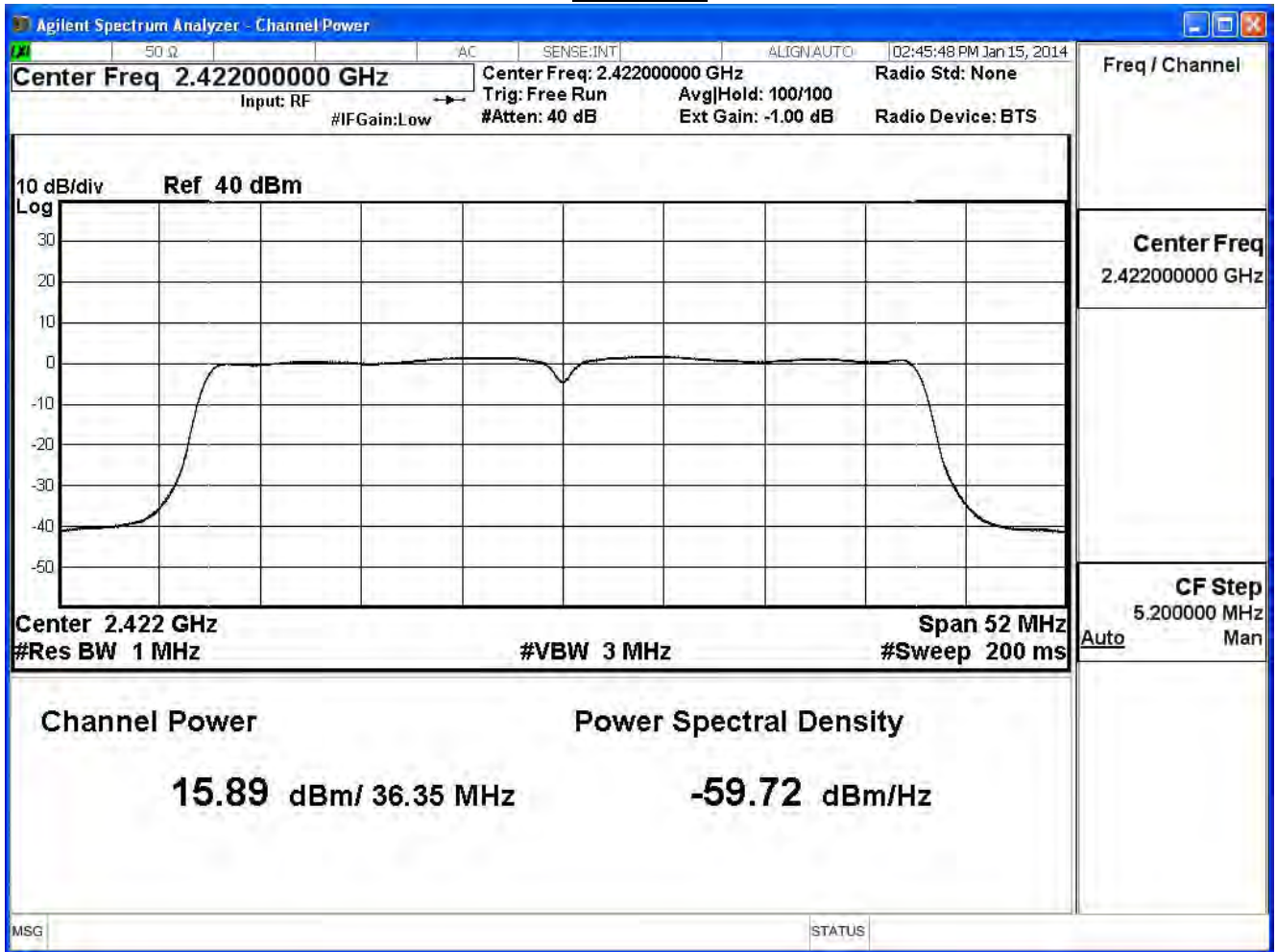
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

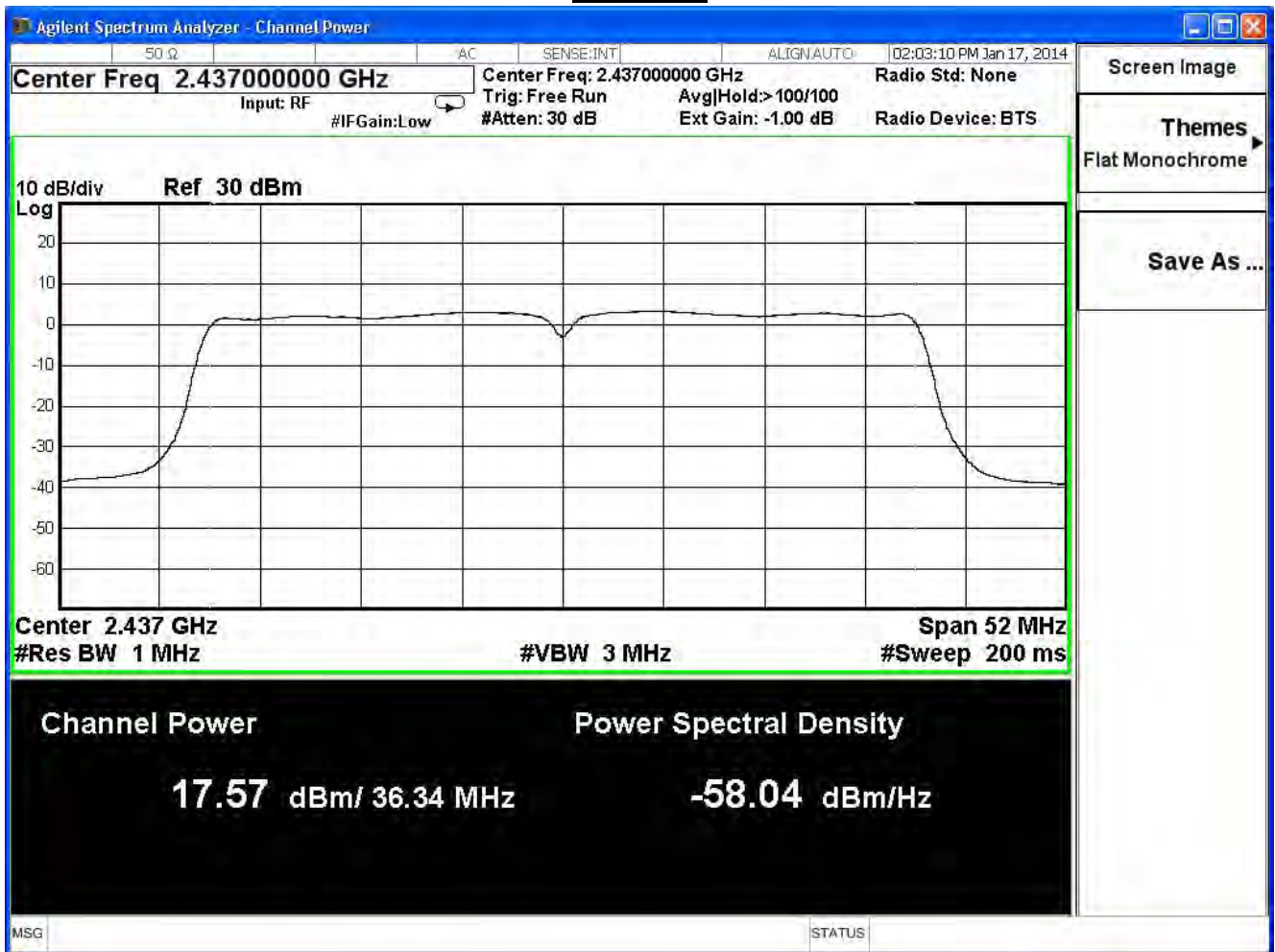
Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

Channel 3



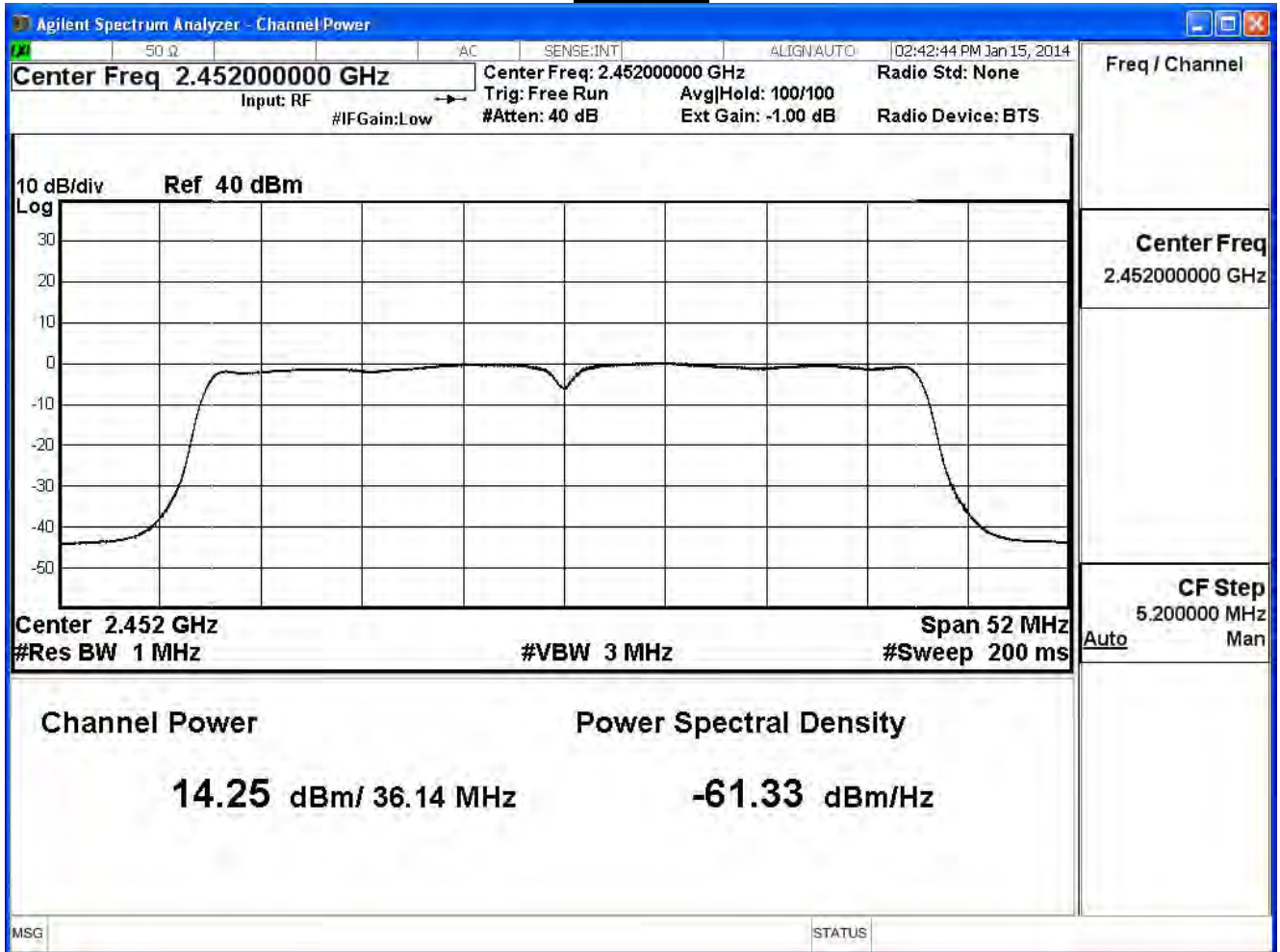


**Channel 6**





Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2014/01/22	Test Site	SR7

IEEE802.11n 40MHz (ANT 2) , power index: ch3:70, ch6:78 ,ch9:62

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	15.83	≤ 29.32	Pass
6	2437	17.44	≤ 29.32	Pass
9	2452	14.02	≤ 29.32	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	15.83	--	--	--	--	--	--	--	29.32dBm
6	2437	17.44	17.24	17.02	16.82	16.58	16.34	16.10	15.86	29.32dBm
9	2452	14.02	--	--	--	--	--	--	--	29.32dBm

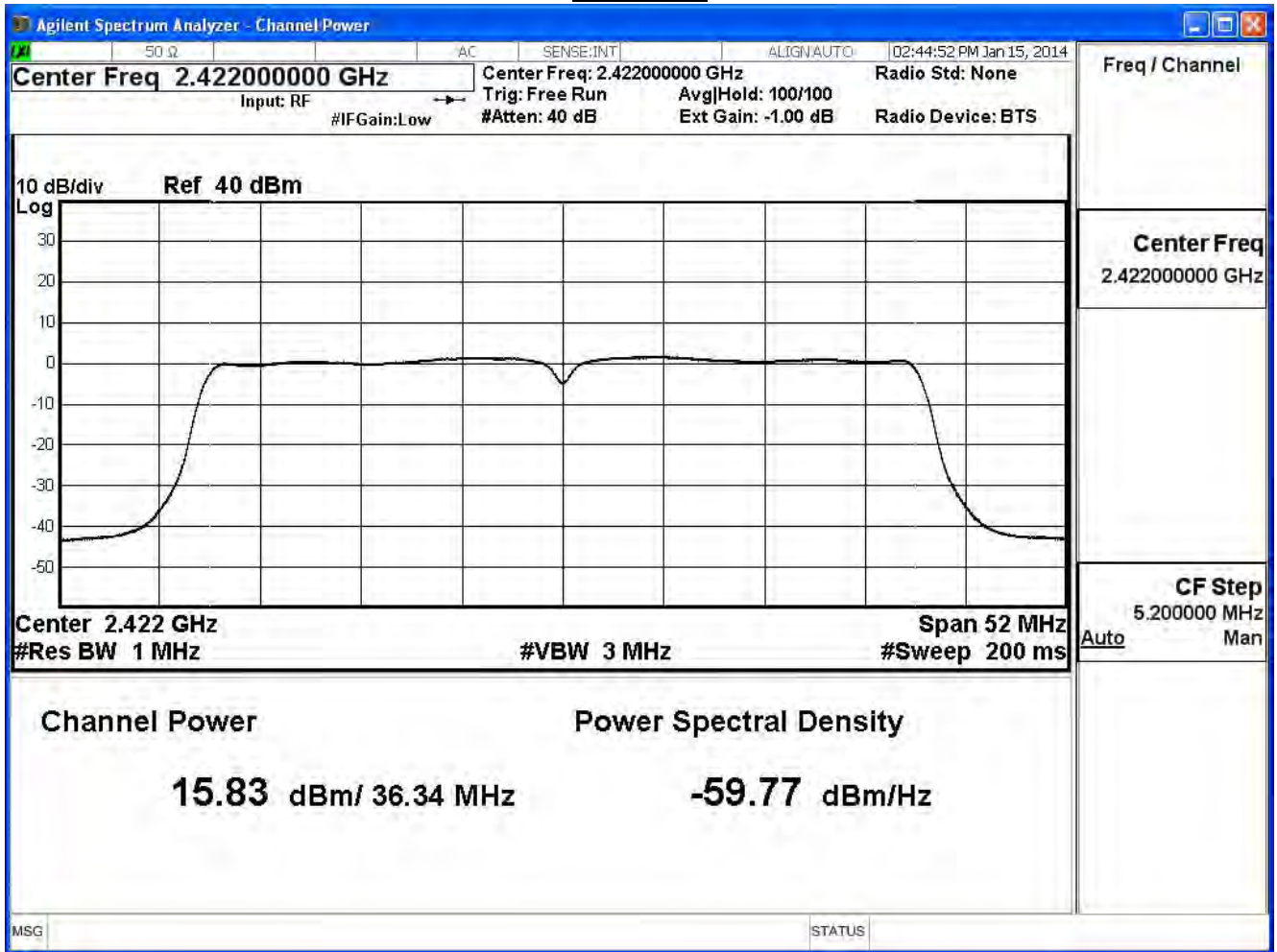
Note:

Measure Level =Reading value + cable loss

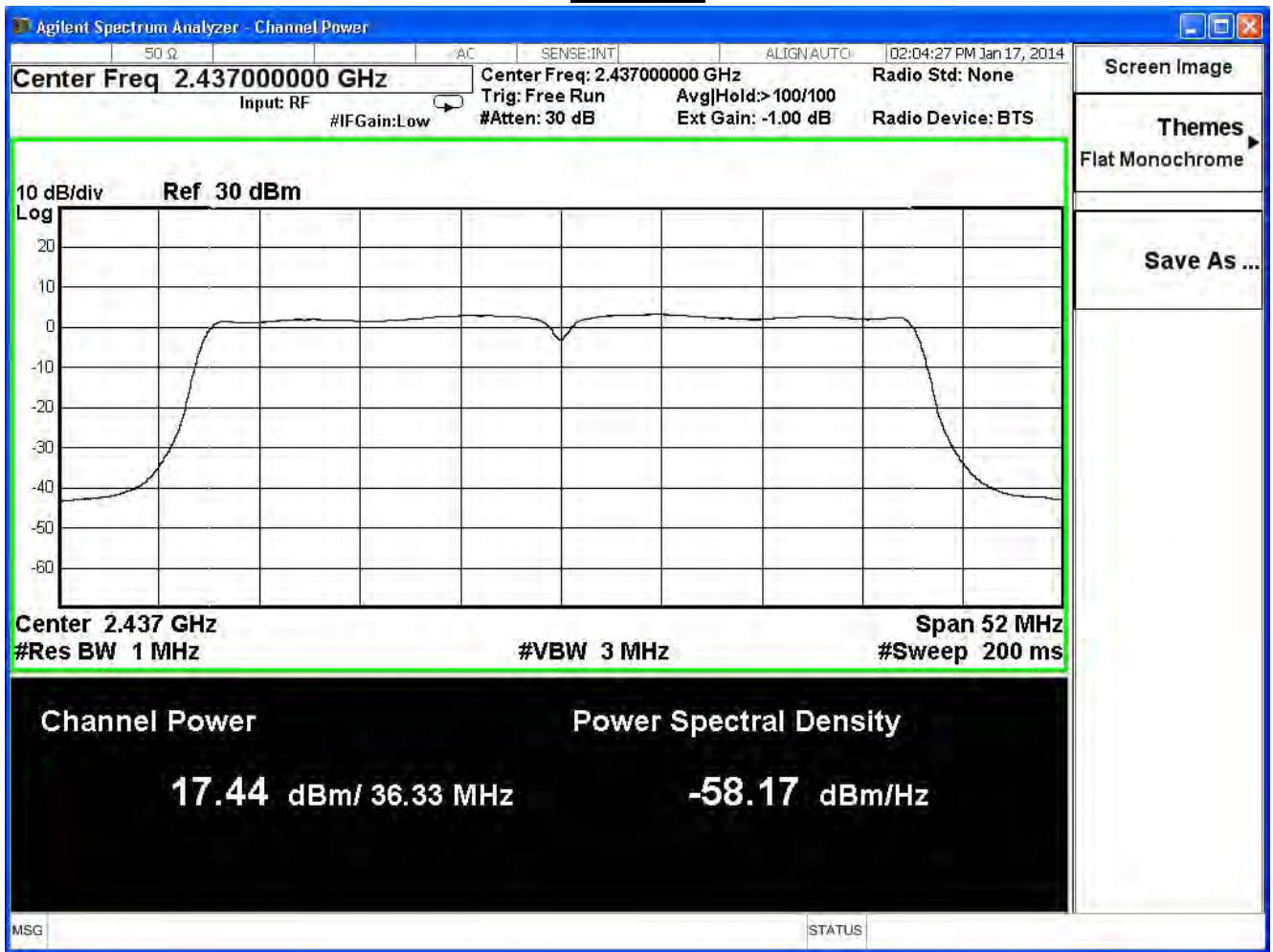
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

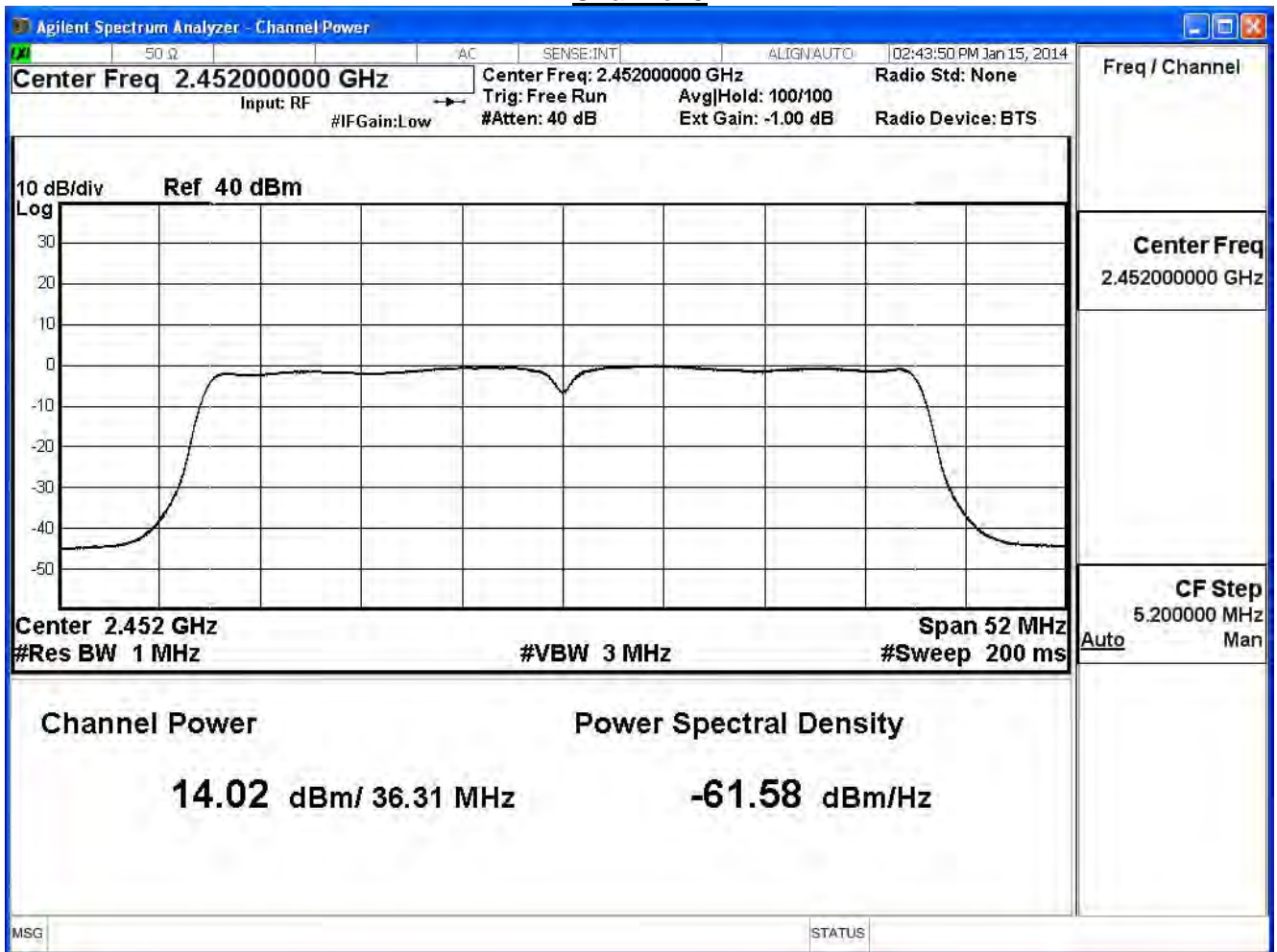
Channel 3



Channel 6



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2014/01/22	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	20.76	≤ 29.32	Pass
6	2437	22.48	≤ 29.32	Pass
9	2452	18.97	≤ 29.32	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	20.76	--	--	--	--	--	--	--	29.32dBm
6	2437	22.48	22.32	22.11	21.97	21.79	21.59	21.39	21.20	29.32dBm
9	2452	18.97	--	--	--	--	--	--	--	29.32dBm

Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

Required Limit=30dBm-(6.68dBi-6dB)=30dBm-0.68dB=29.32dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11a (ANT 0) ,1TX mode (SISO),Power index : ch.149:104 , ch:157:104 , ch:165:104

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	25.87	≤27.19	Pass
157	5785	26.02	≤27.19	Pass
165	5825	25.77	≤27.19	Pass

The worst emission of data rate is 6Mbps

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	25.87	--	--	--	--	--	--	27.19dBm
157	5785	26.02	25.90	25.80	25.69	25.45	25.33	25.19	27.19dBm
165	5825	25.77	--	--	--	--	--	--	27.19dBm

Note:

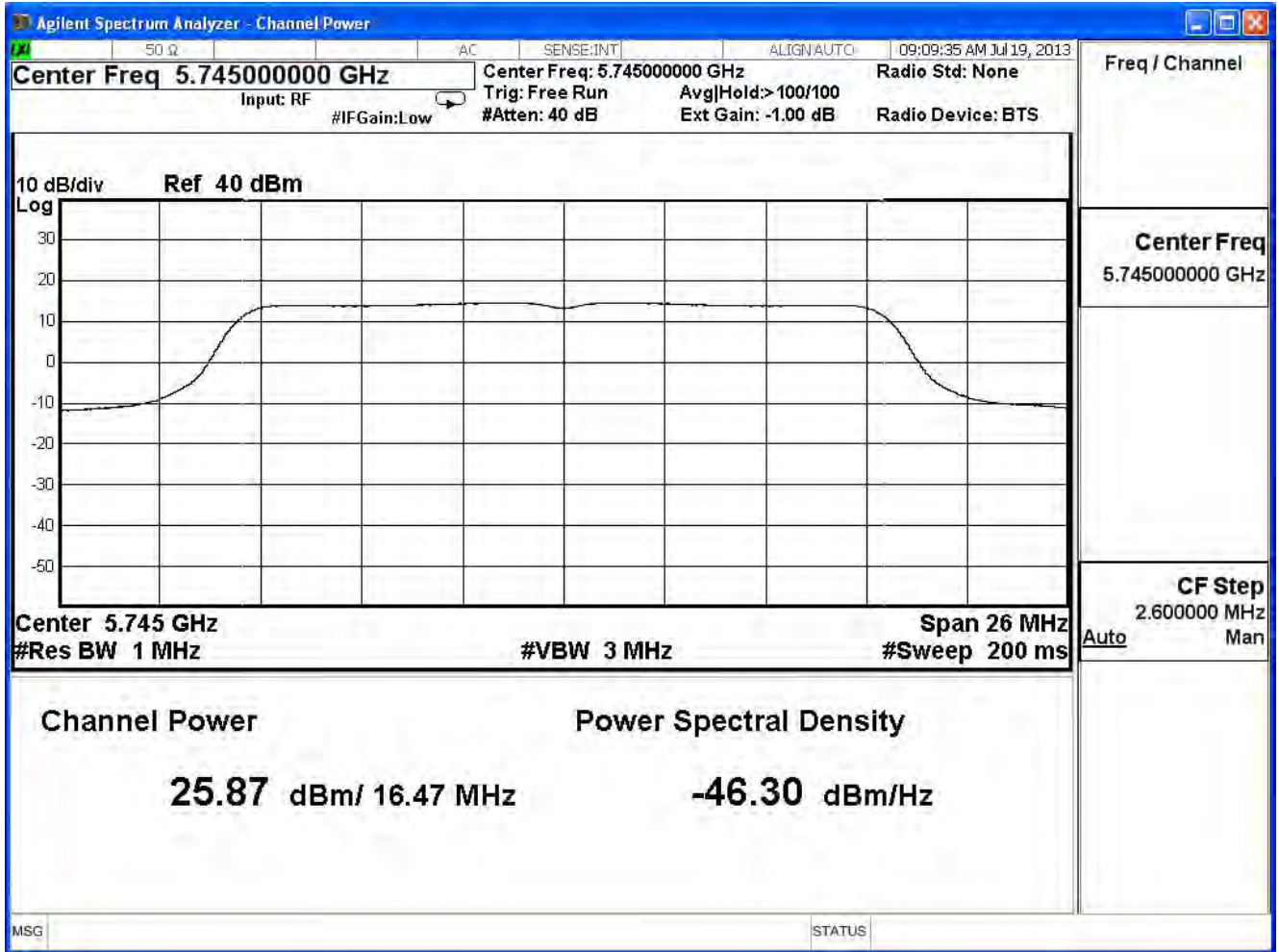
Measure Level =Reading value + cable loss

Directional Gain=Beamforming Gain + Max Gain = 4.77dB + 404dBi = 8.81dBi

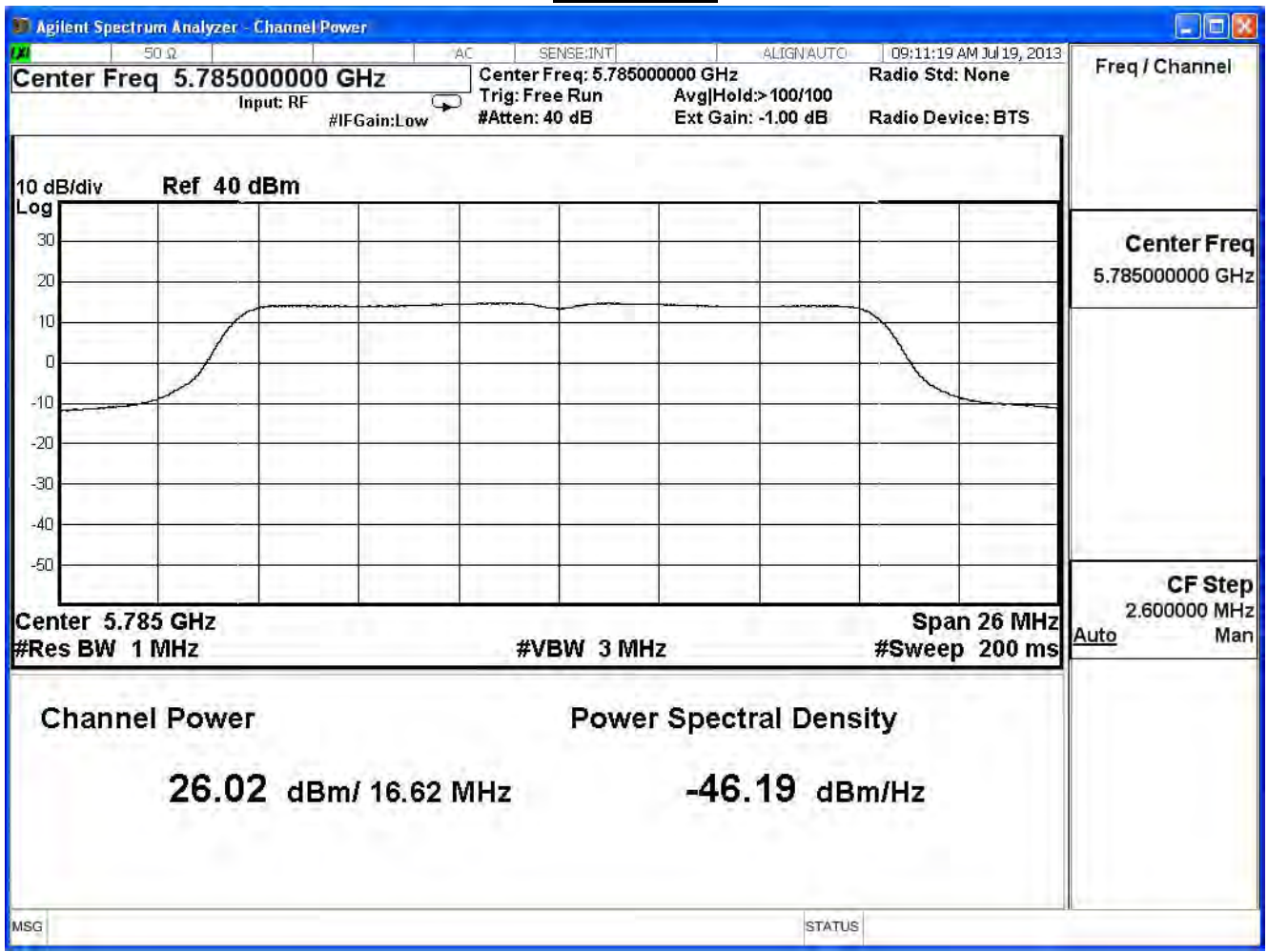
Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm



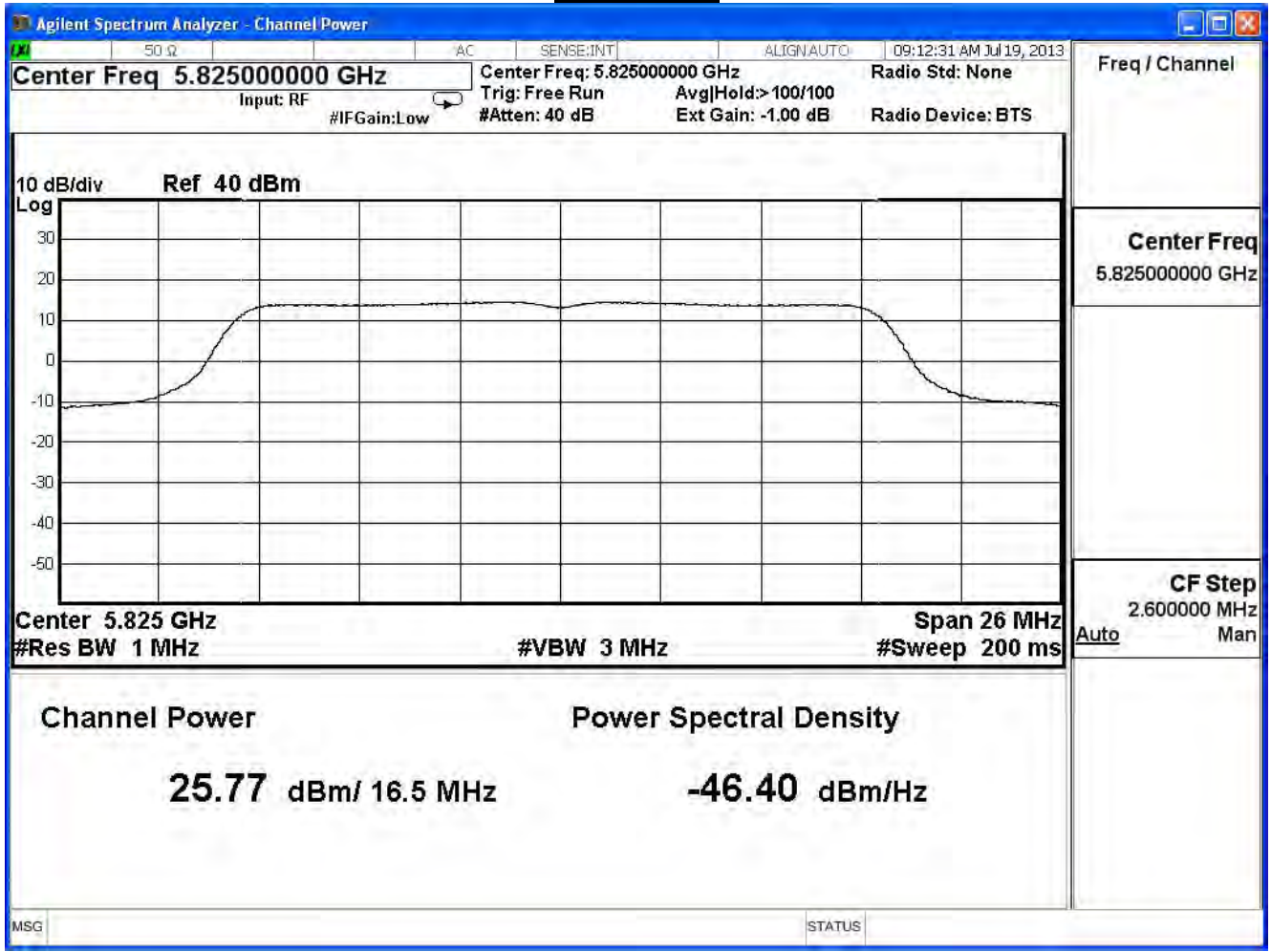
Channel 149



**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 0) Power index : ch.149:92 , ch:157:92 , ch:165:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.13	≤27.19	Pass
157	5785	22.04	≤27.19	Pass
165	5825	21.84	≤27.19	Pass

The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	22.13	--	--	--	--	--	--	--	27.09dBm
157	5785	22.04	21.82	21.62	21.42	21.18	21.06	20.91	20.67	27.19dBm
165	5825	21.84	--	--	--	--	--	--	--	27.19dBm

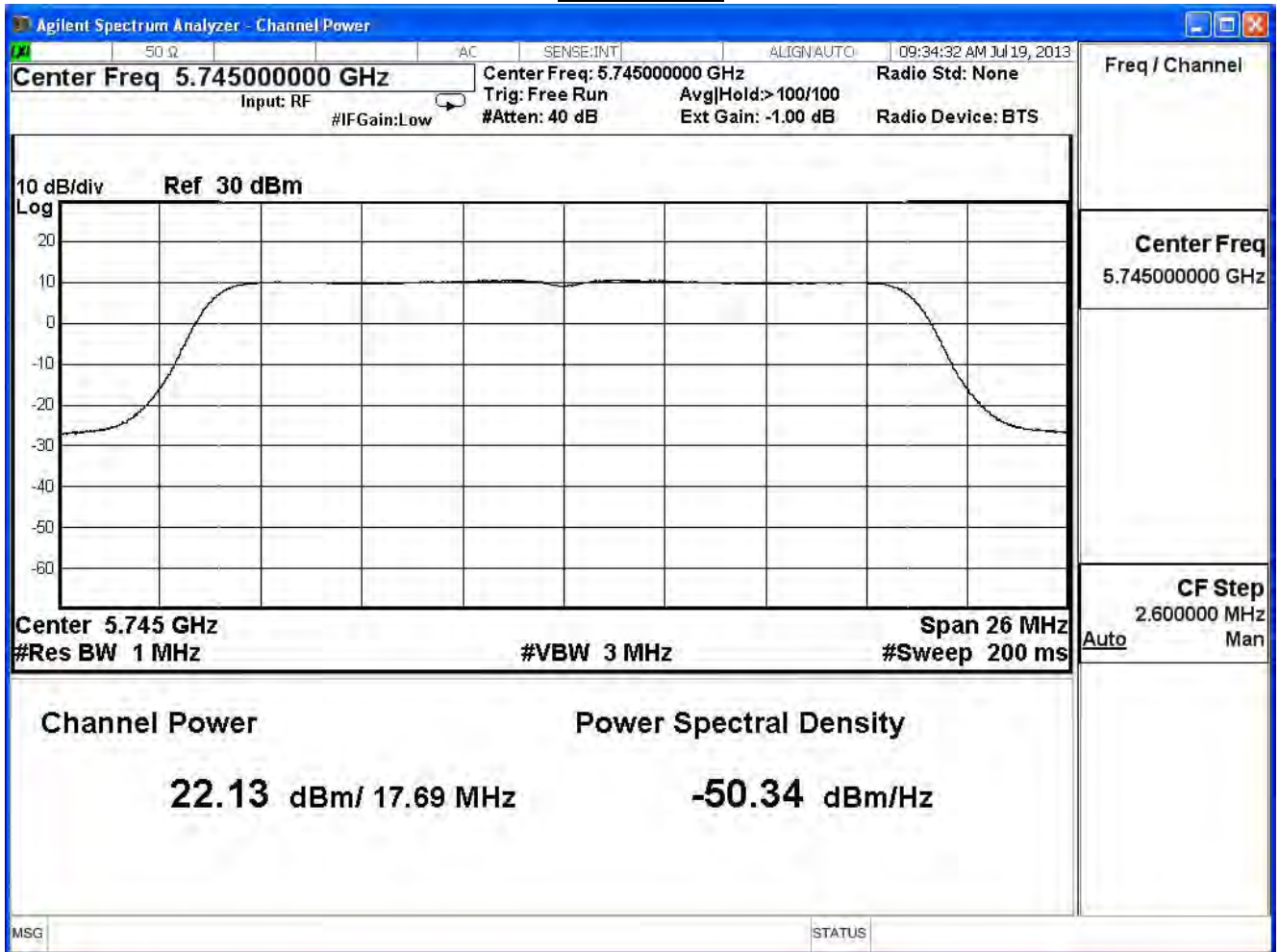
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

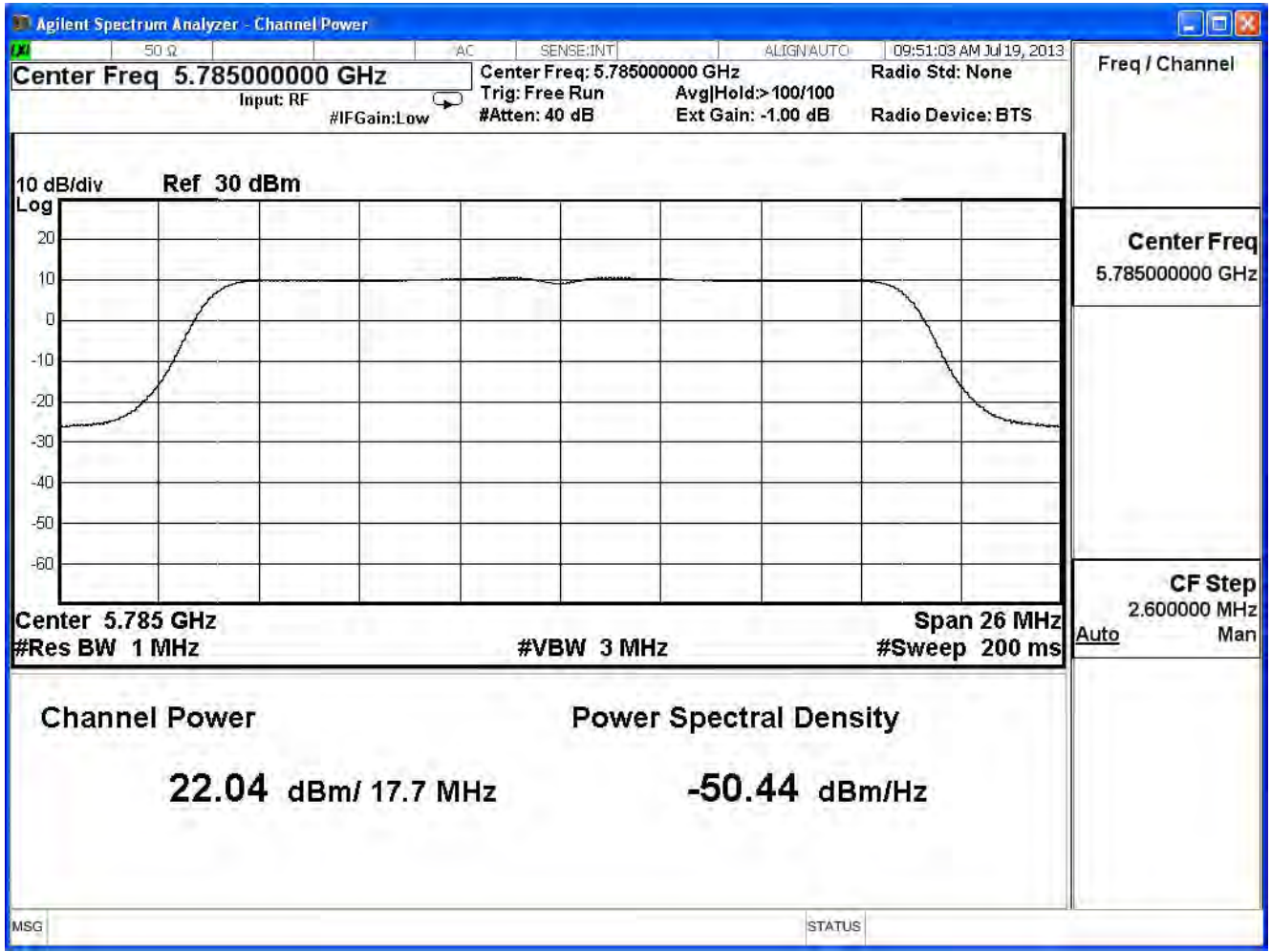
Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 149

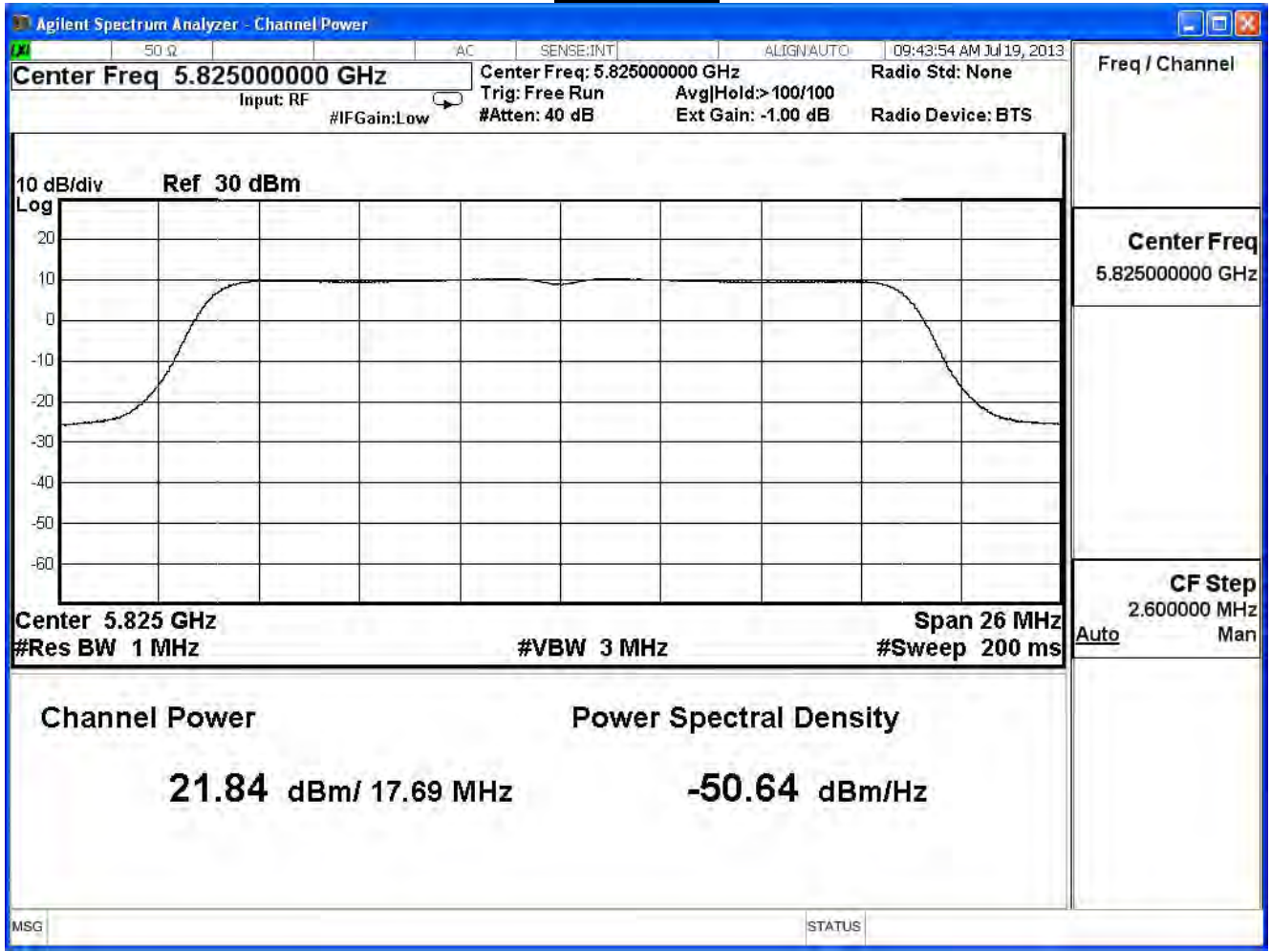




**Channel 157**



Channel 165





Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 1) Power index : ch.149:92 , ch:157:92 , ch:165:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	21.59	≤27.19	Pass
157	5785	21.81	≤27.19	Pass
165	5825	21.80	≤27.19	Pass

The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	21.59	--	--	--	--	--	--	--	27.19dBm
157	5785	21.81	21.74	21.72	21.72	21.71	21.66	21.64	20.61	27.19dBm
165	5825	21.80	--	--	--	--	--	--	--	27.19dBm

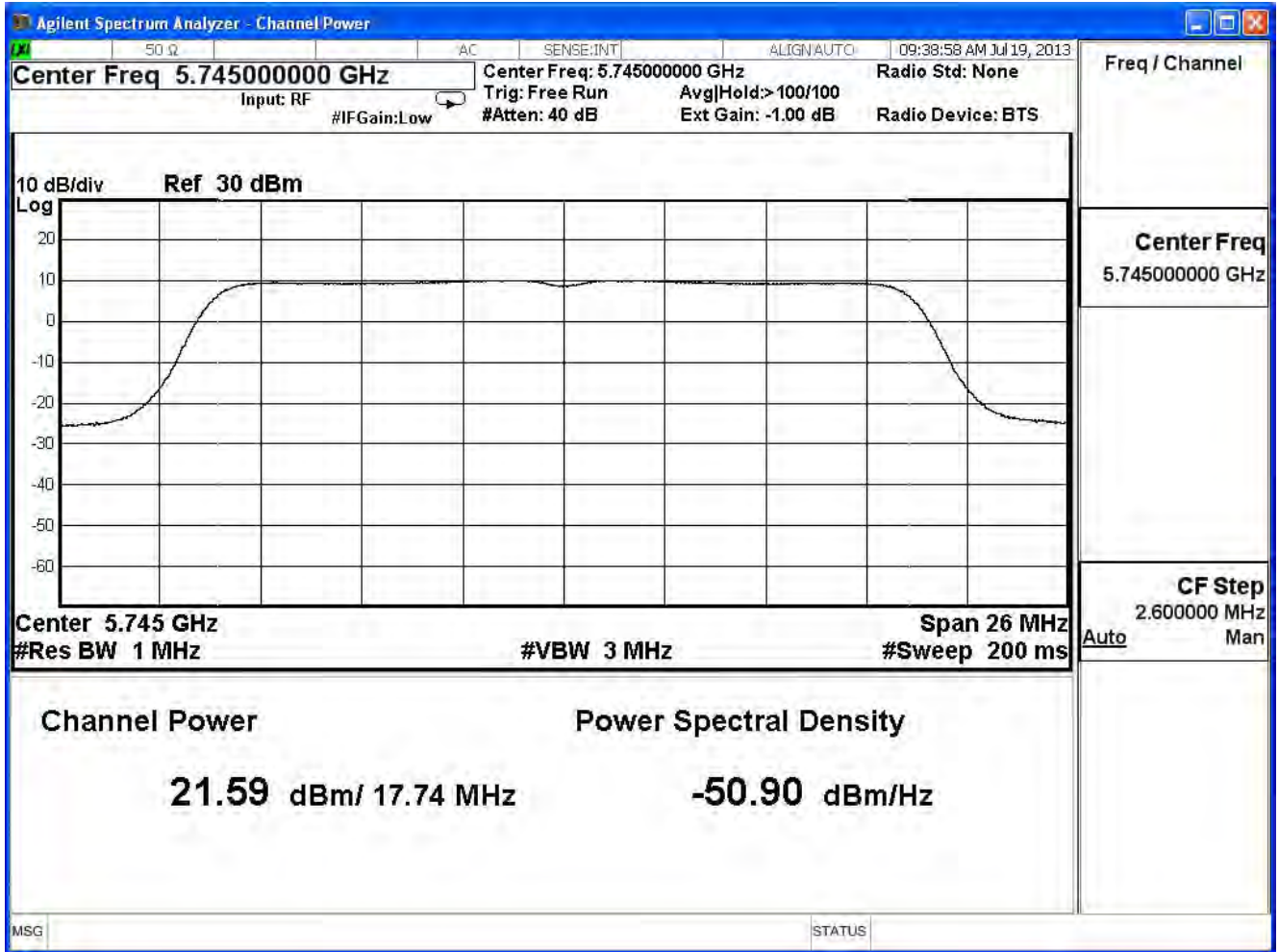
Note:

Measure Level =Reading value + cable loss

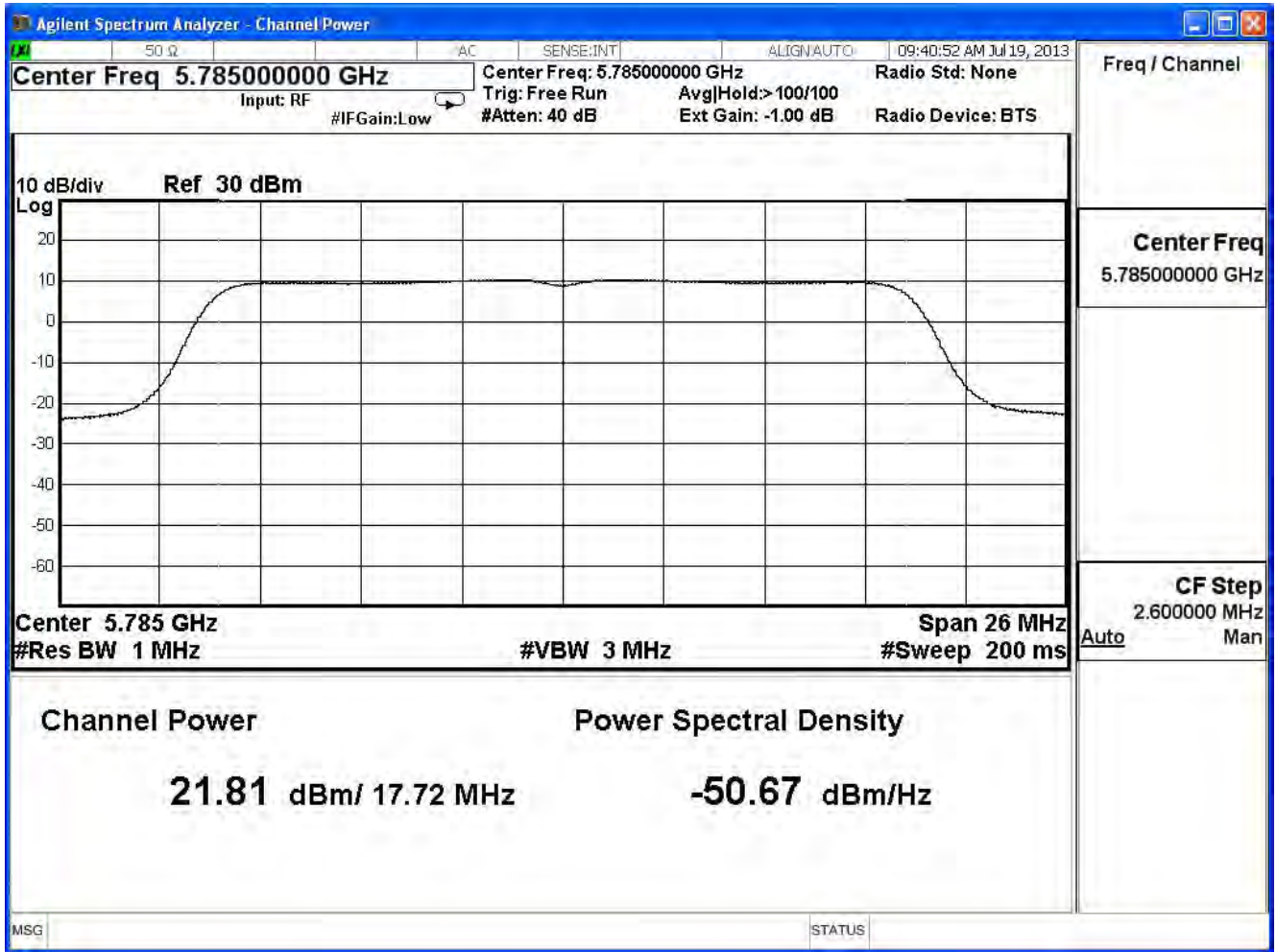
Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

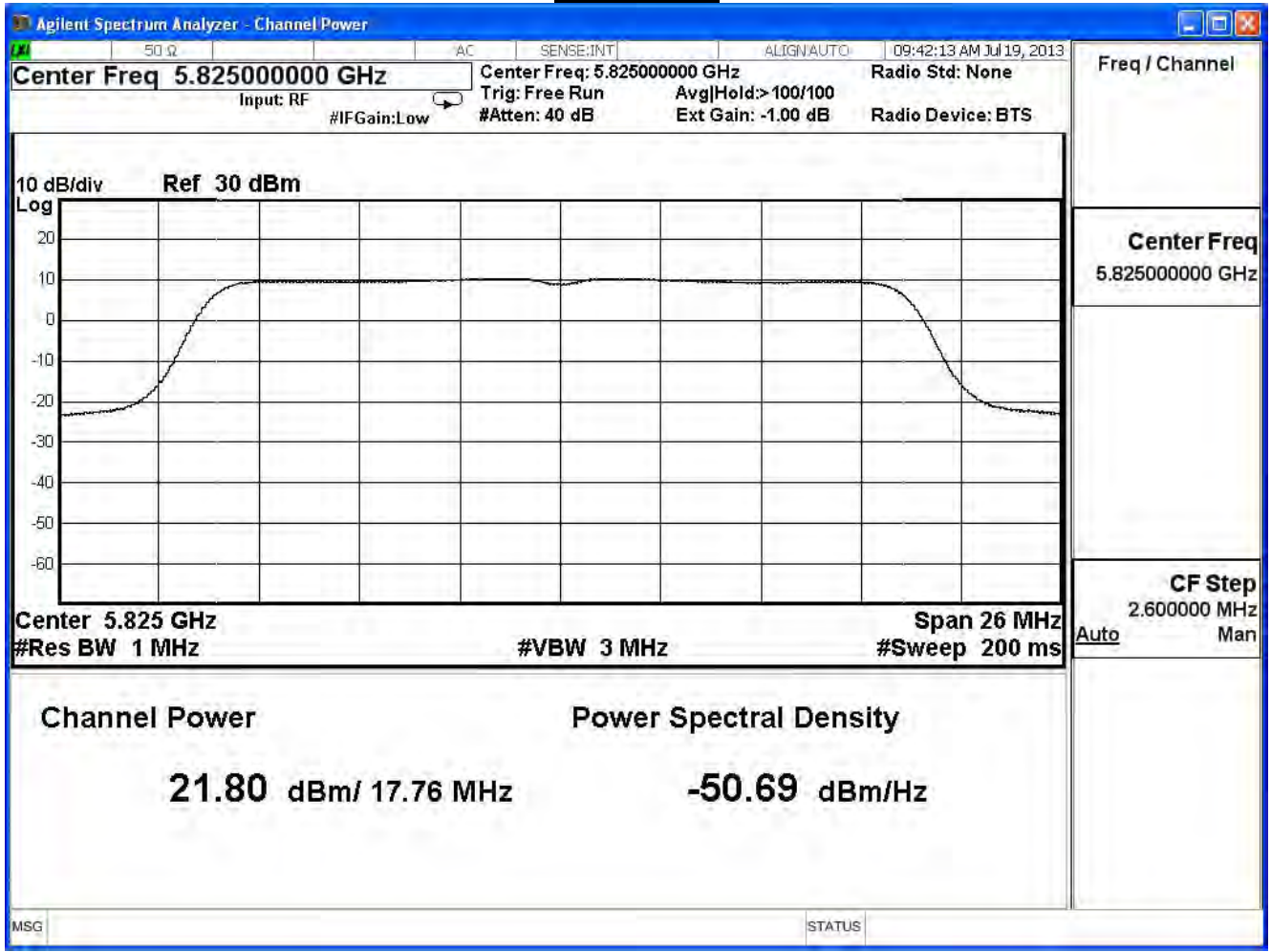
Channel 149



**Channel 157**



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 2) Power index : ch.149:92 , ch:157:92 , ch:165:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	21.94	≤27.19	Pass
157	5785	22.17	≤27.19	Pass
165	5825	21.94	≤27.19	Pass

The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	21.94	--	--	--	--	--	--	--	27.19dBm
157	5785	22.17	21.97	21.87	21.75	21.65	21.41	21.29	21.17	27.19dBm
165	5825	21.94	--	--	--	--	--	--	--	27.19dBm

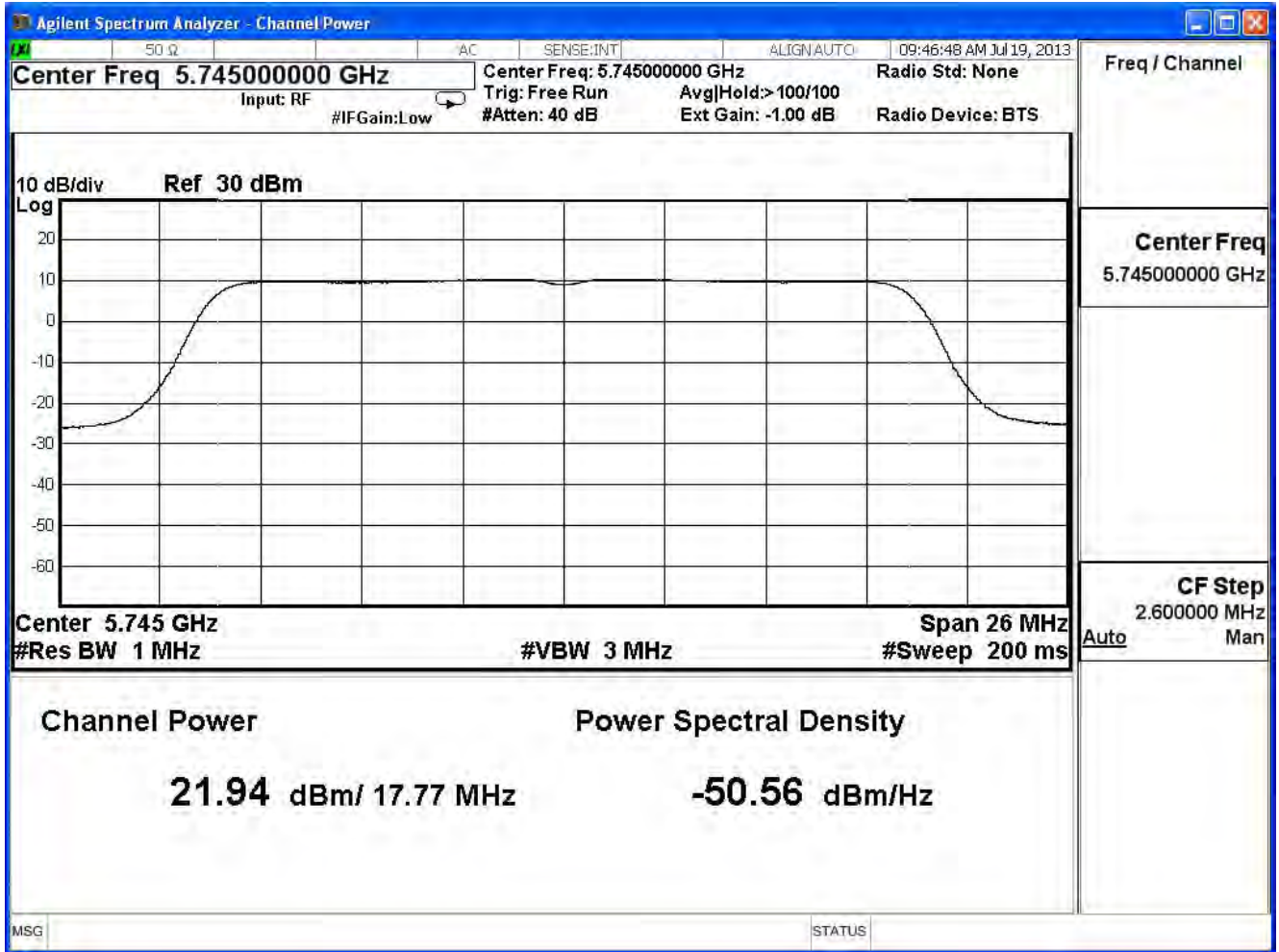
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

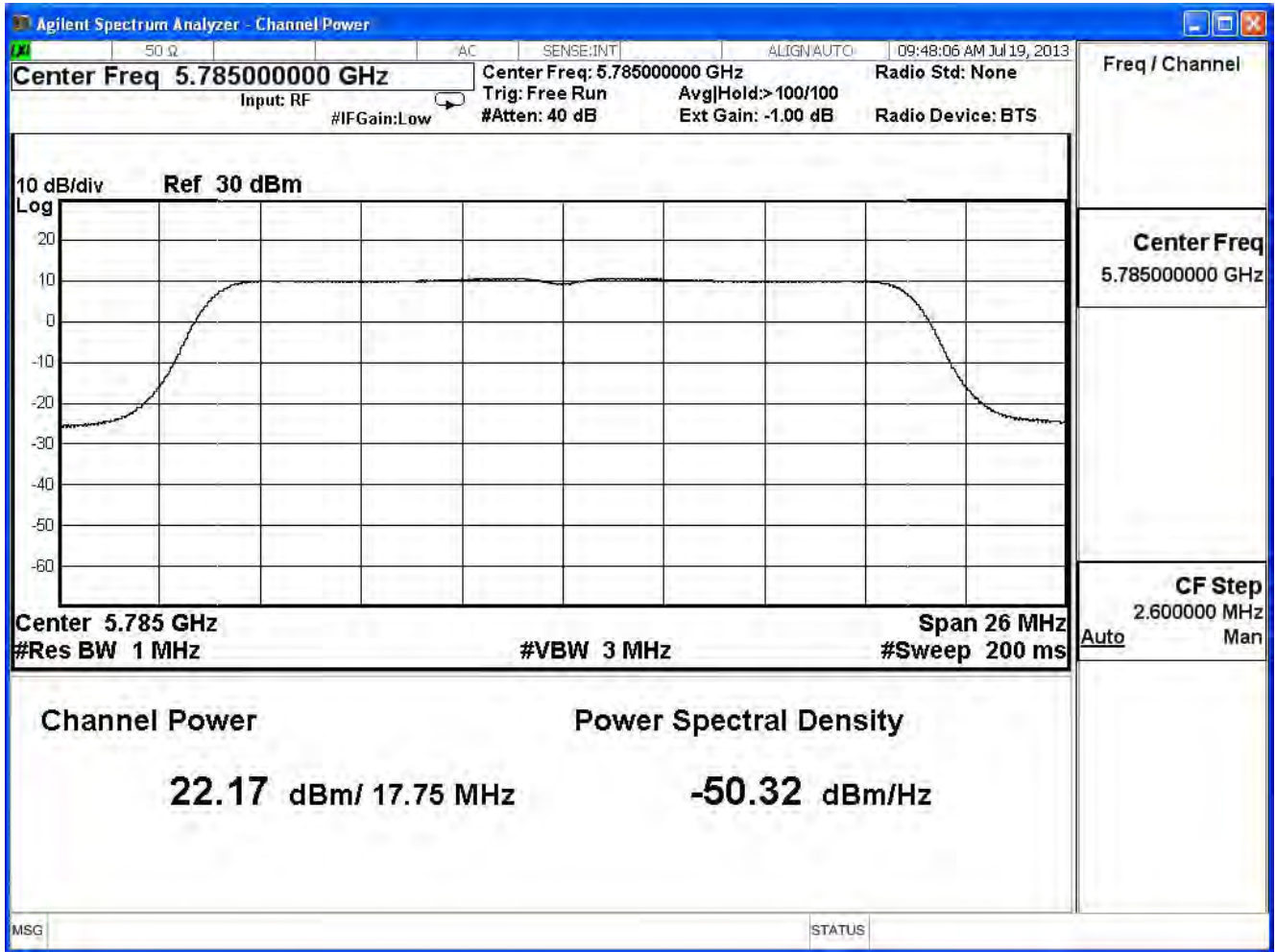
Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 149



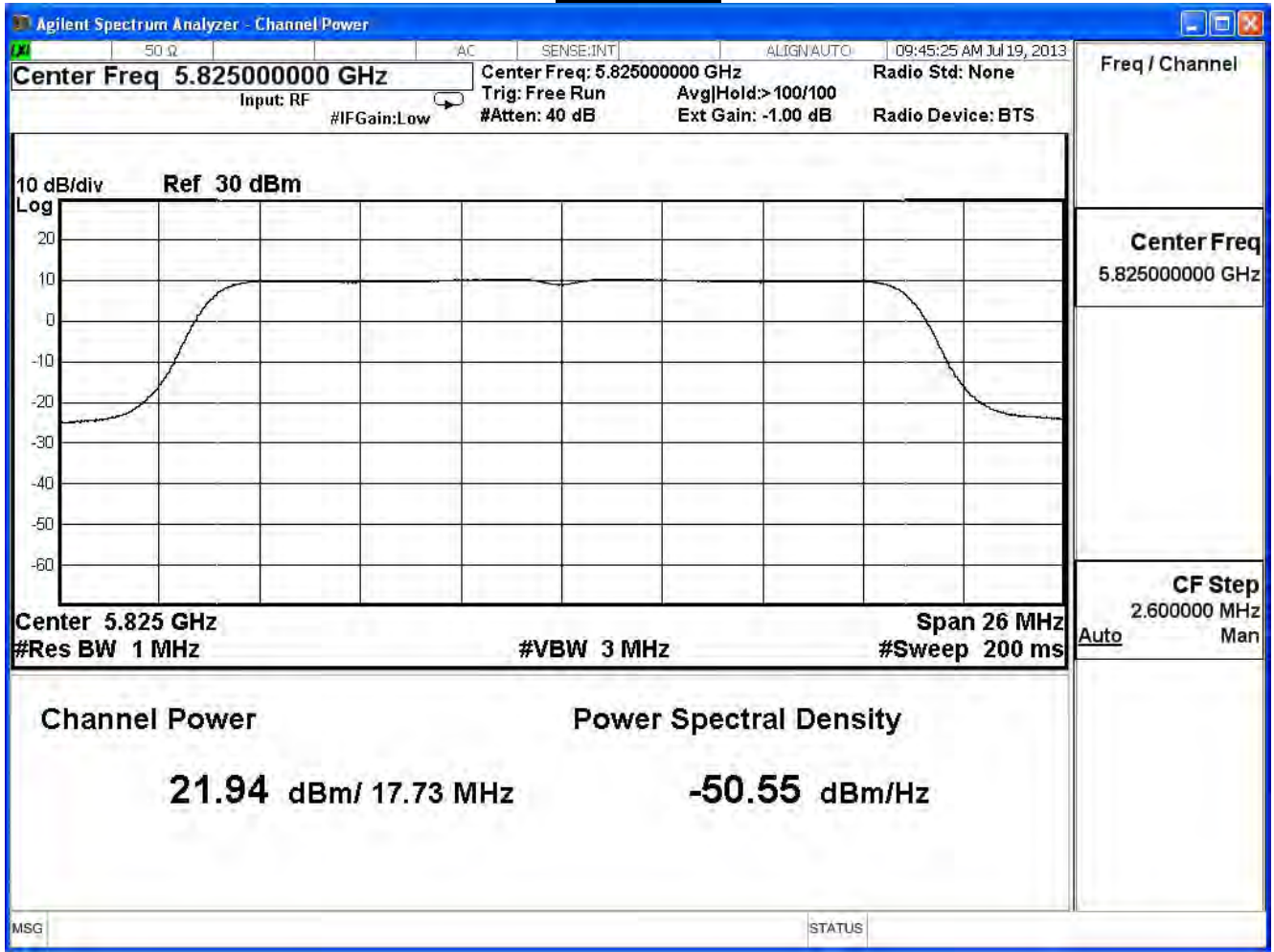


**Channel 157**





Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	26.66	≤27.19	Pass
157	5785	26.78	≤27.19	Pass
165	5825	26.63	≤27.19	Pass

The worst emission of data rate is 19.5Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	26.84	--	--	--	--	--	--	--	27.19dBm
157	5785	26.85	26.68	26.54	26.37	26.19	25.98	25.85	25.66	27.19dBm
165	5825	26.64	--	--	--	--	--	--	--	27.19dBm

Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 0) Power index : ch.151:92 , ch:159:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	22.04	≤27.19	Pass
159	5795	22.11	≤27.19	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	22.04	--	--	--	--	--	--	--	27.19dBm
159	5795	22.11	22.01	21.91	21.71	21.51	21.39	21.15	20.91	27.19dBm

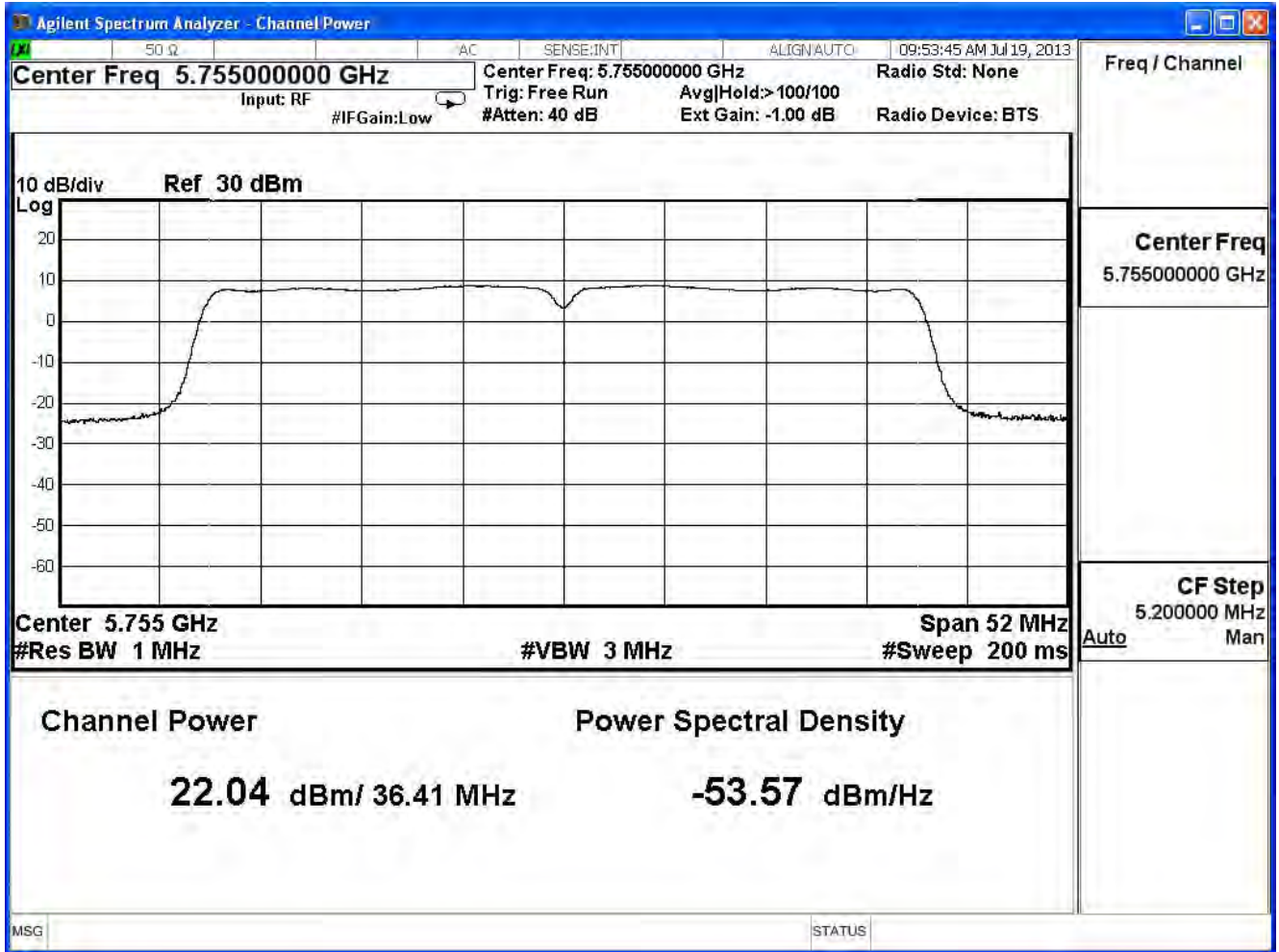
Note:

Measure Level =Reading value + cable loss

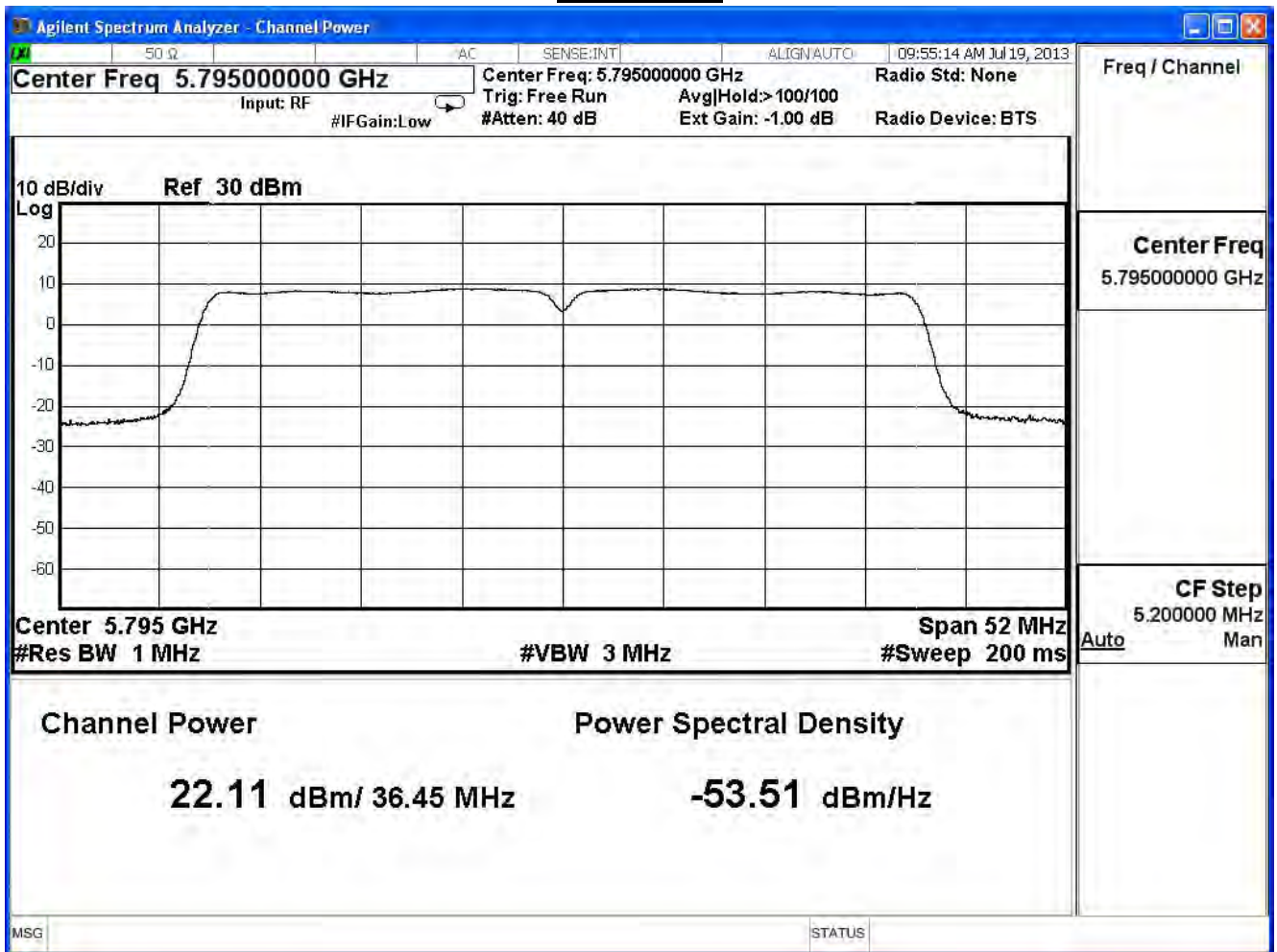
Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 151



**Channel 159**



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 1) Power index : ch.151:92 , ch:159:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.86	≤27.19	Pass
159	5795	21.99	≤27.19	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	21.86	--	--	--	--	--	--	--	27.19dBm
159	5795	21.99	21.89	21.79	21.69	21.59	21.35	21.11	20.87	27.19dBm

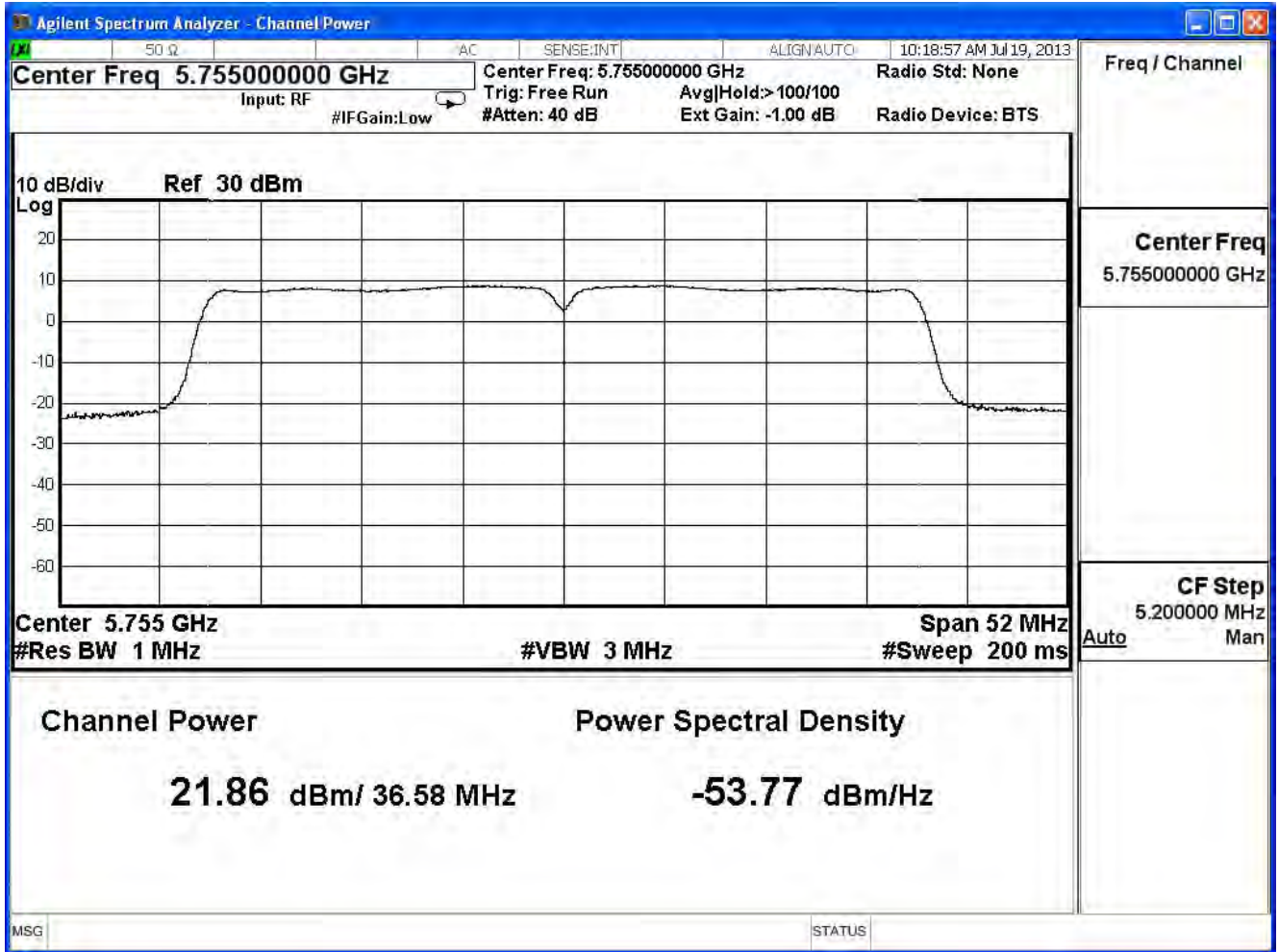
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

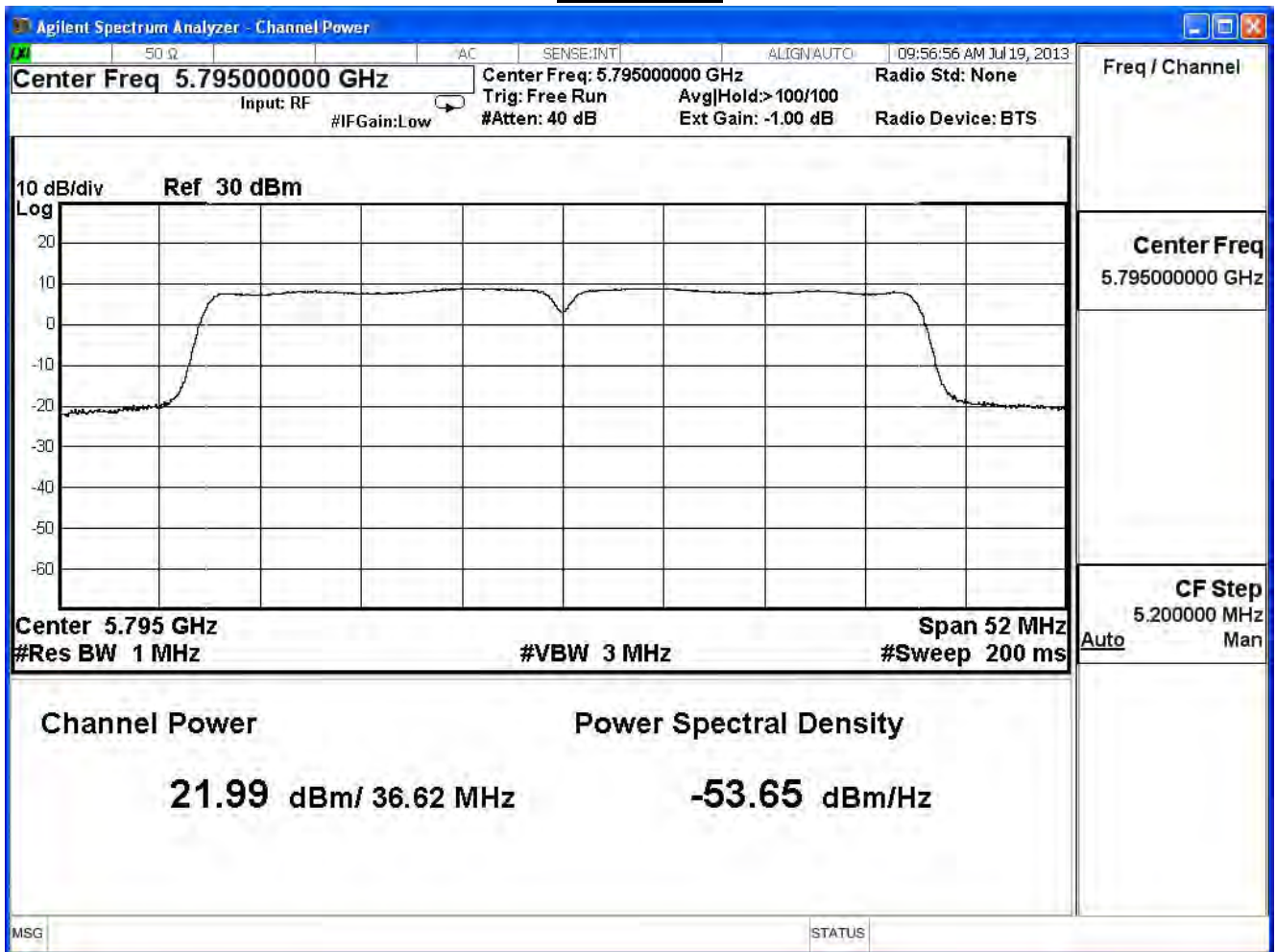
Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 151





**Channel 159**



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 2) Power index : ch.151:92 , ch:159:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.71	≤27.19	Pass
159	5795	21.91	≤27.19	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	21.71	--	--	--	--	--	--	--	27.19dBm

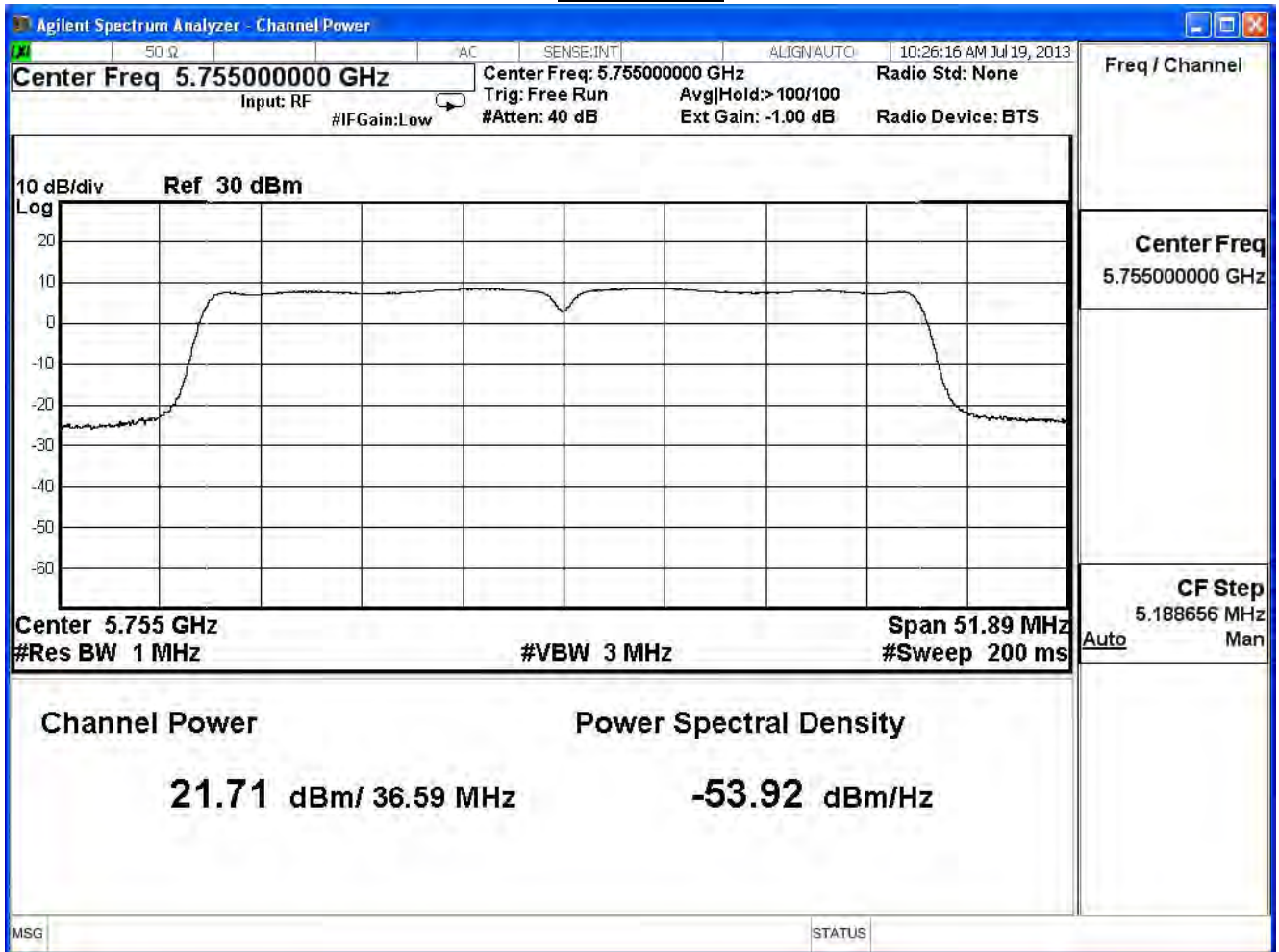
Note:

Measure Level =Reading value + cable loss

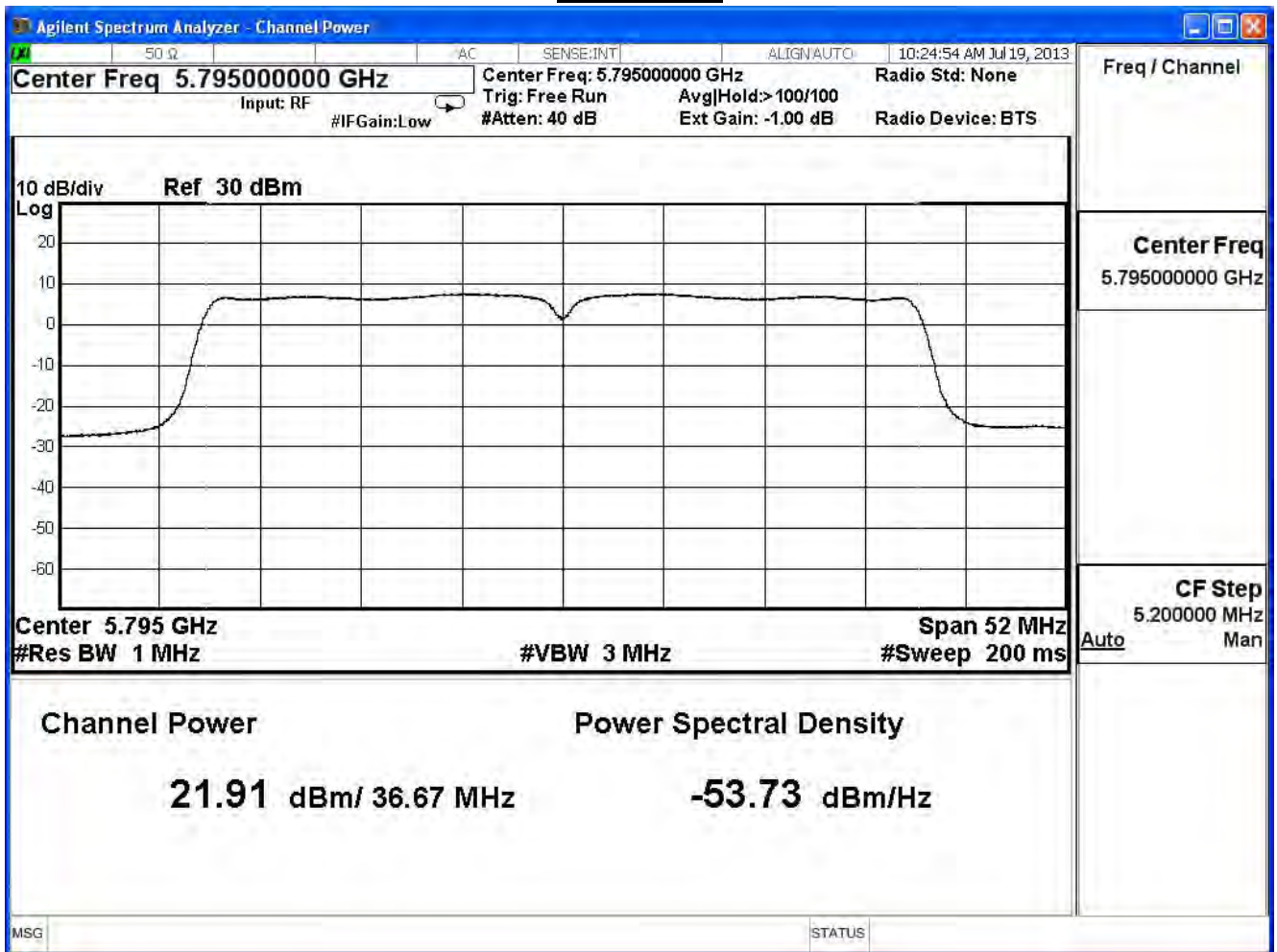
Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 151



**Channel 159**



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	26.64	≤27.19	Pass
159	5795	26.78	≤27.19	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	26.64	--	--	--	--	--	--	--	27.19dBm
159	5795	26.78	26.64	26.54	26.38	26.21	26.05	25.81	25.57	27.19dBm

Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0) Power index : ch.155:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	21.68	≤27.19	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	21.68	21.48	21.28	21.08	20.98	20.88	20.76	20.52	20.40	20.28

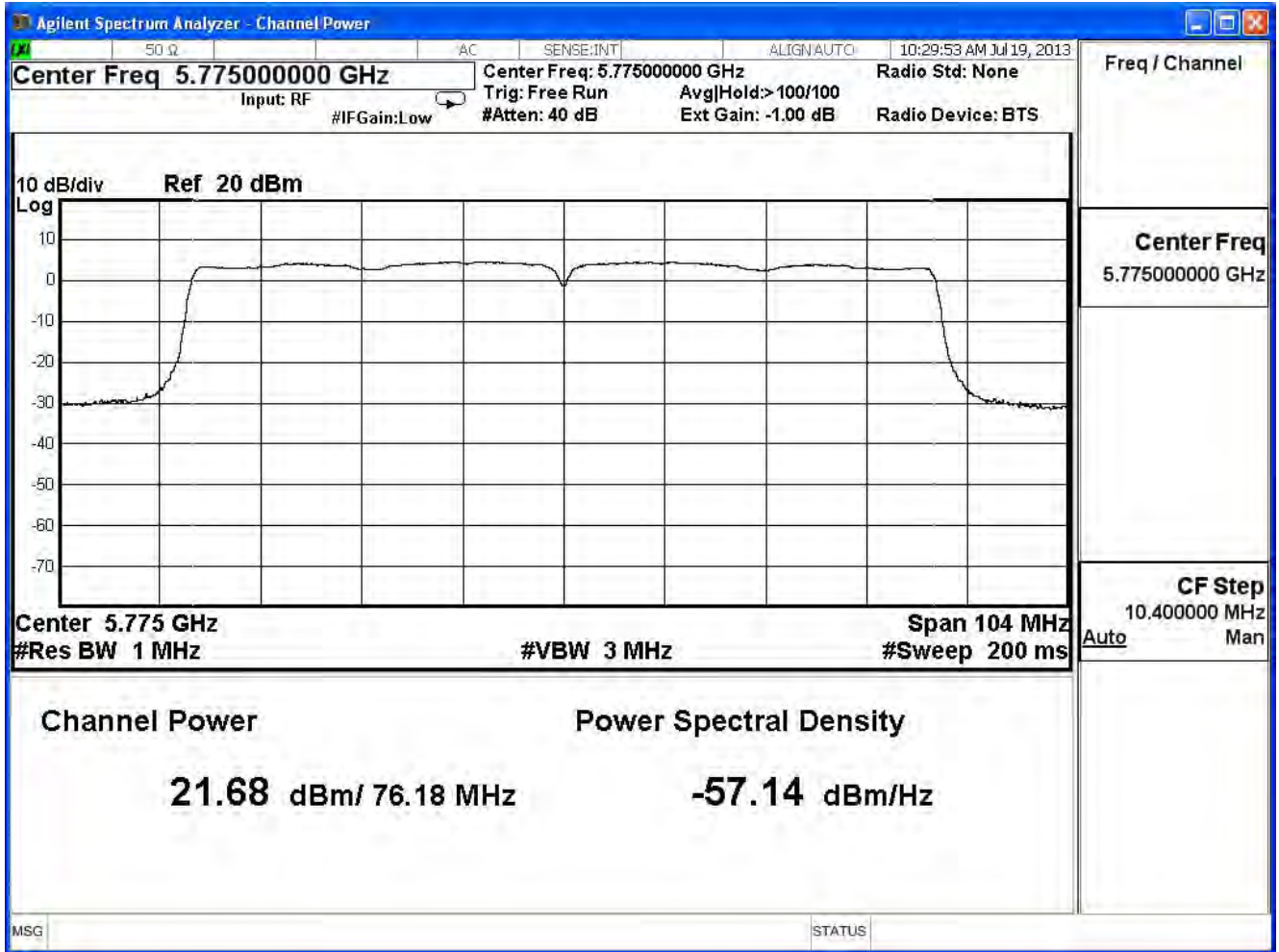
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 155





Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 1) Power index : ch.155:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	21.62	≤27.19	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	21.62	21.52	21.42	21.32	21.22	21.02	20.90	20.66	20.42	20.18

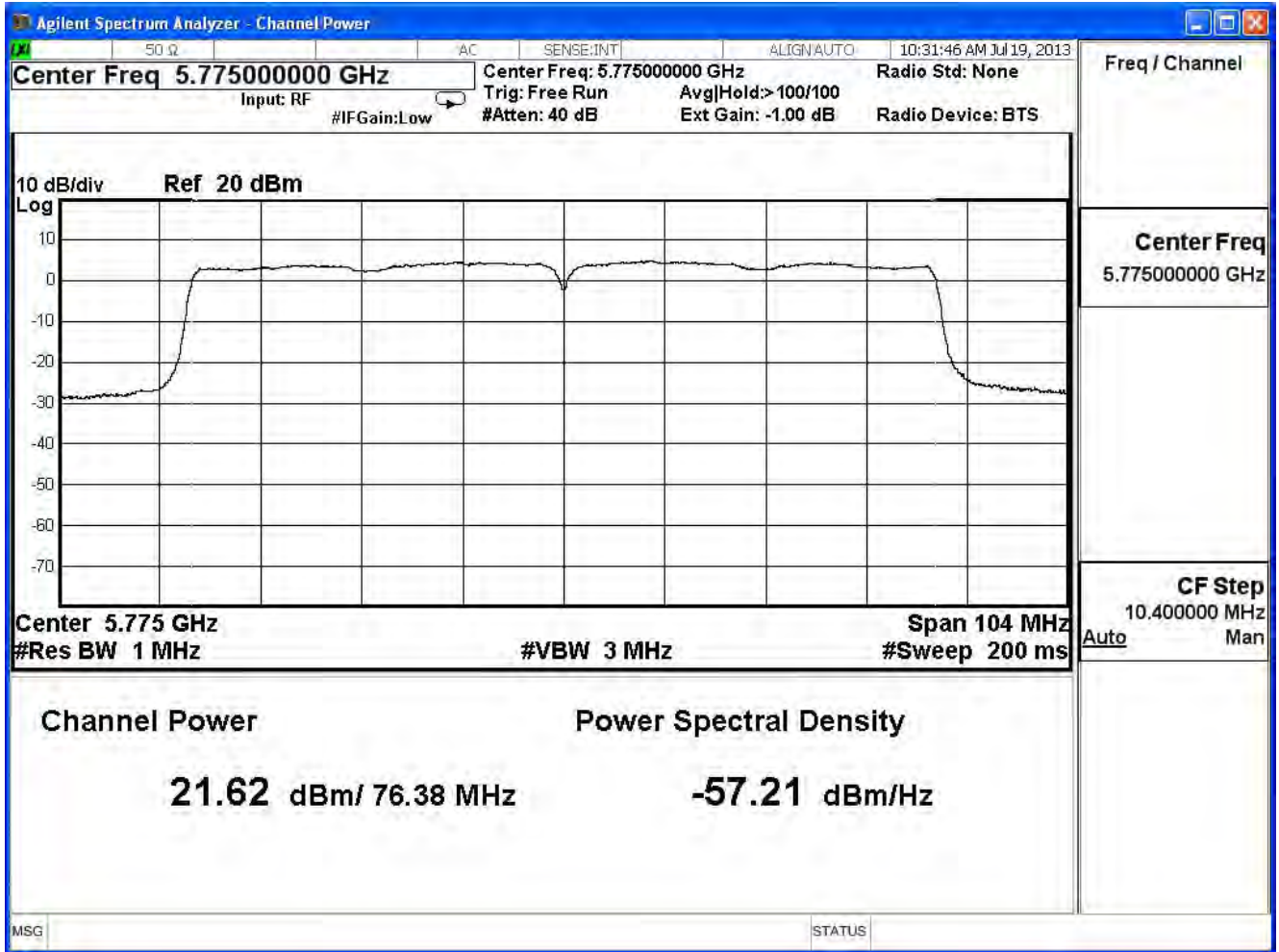
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 2) Power index : ch.155:92

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	22.19	≤27.19	Pass

The worst emission of data rate is 87.9Mbps

		Peak Power Output (dBm)									
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	22.19	21.99	21.79	20.59	20.49	19.39	18.27	18.03	18.79	18.67

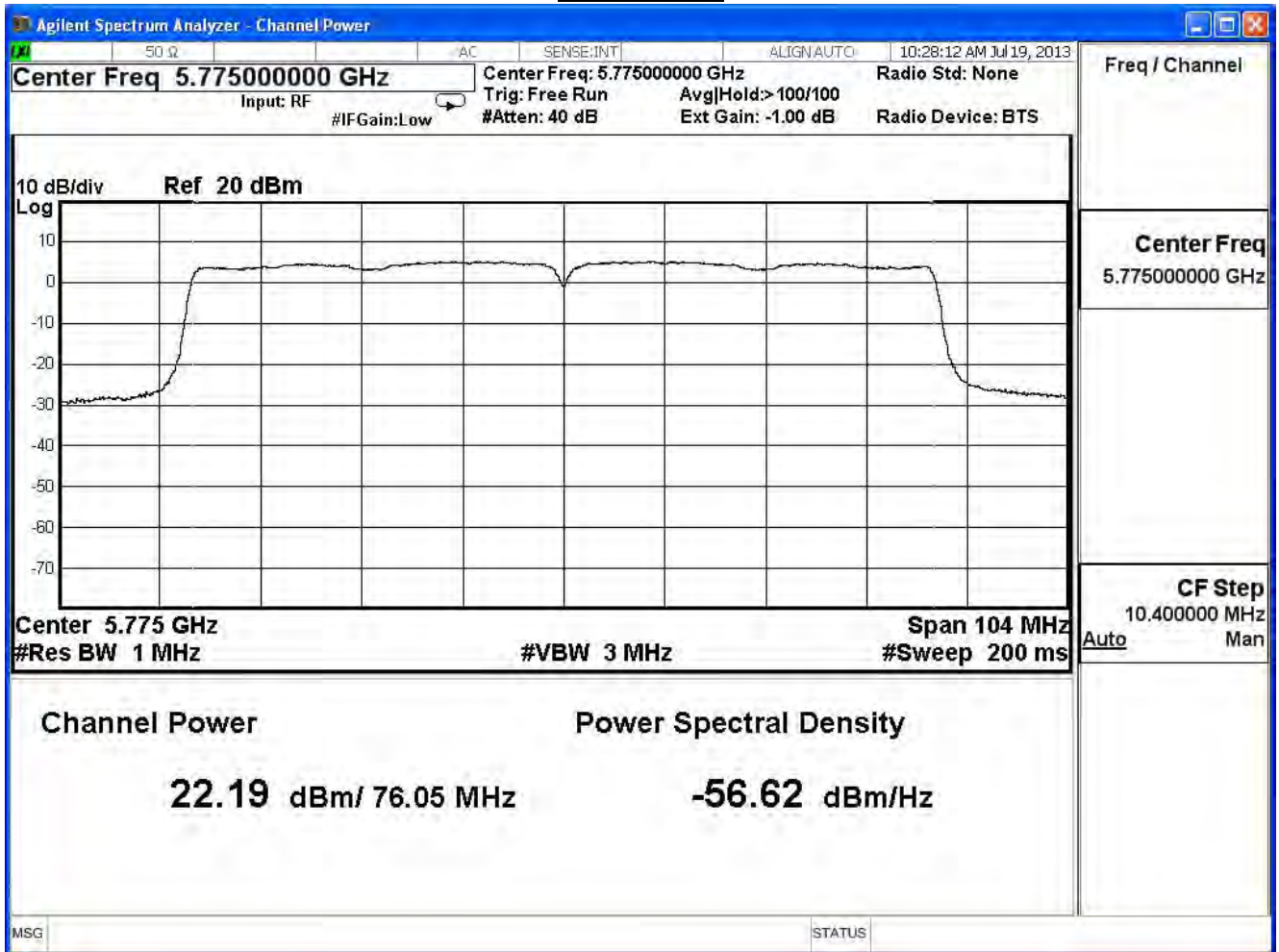
Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	26.61	≤27.19	Pass

The worst emission of data rate is 87.9Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		87.9	175.5	263.4	351	526.5	702	789.9	877.5	1053	1170
155	5775	26.61	26.44	26.27	26.11	26.01	25.87	25.75	25.51	25.31	25.15

Note:

Measure Level =Reading value + cable loss

Directional Gain=10log(3) + Max Gain = 8.81dBi

Required Limit=30dBm-(8.81dBi-6dB)=30dBm-2.81dB=27.19dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

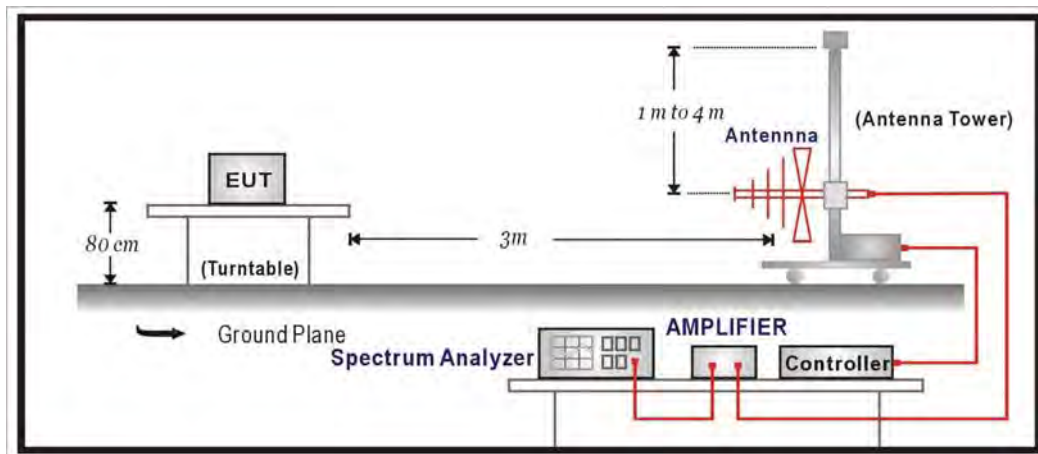
Radiated Emission / CB1

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	2014/02/17
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2014/06/09
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2014/02/19
Spectrum Analyzer	Agilent	E4440A	MY46187335	2014/01/27
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2014/02/21

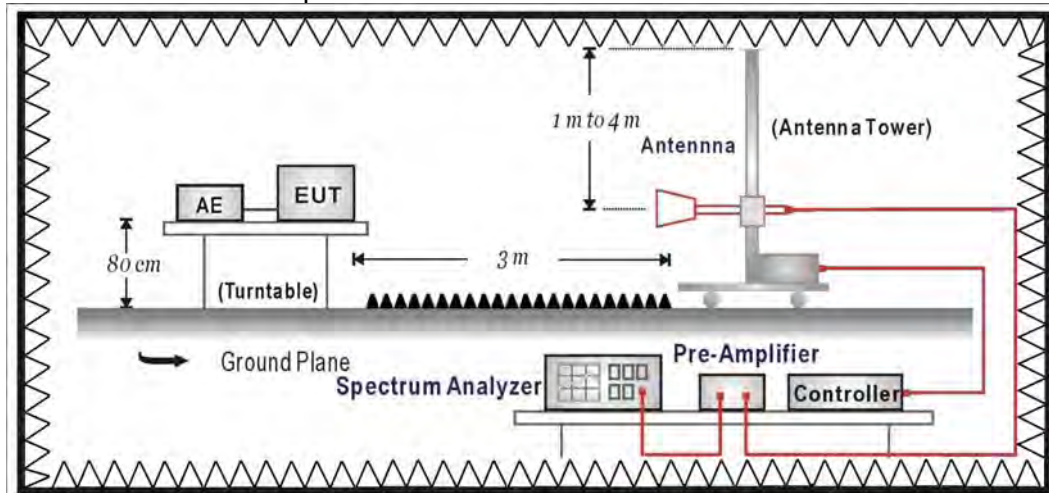
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

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.

<b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b>			
Frequency (MHz)	uV/m	dBuV/m	Measurement Distance(meter)
0.009-0.490	2400/F(kHz)	67.60	300
0.490-1.705	24000/F(kHz)	87.60	30
1.705-30.0	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

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

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

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



**4.4. Test Procedure**

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct. 2012 KDB5580744 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: 2012

**4.6. Uncertainty**

The measurement uncertainty

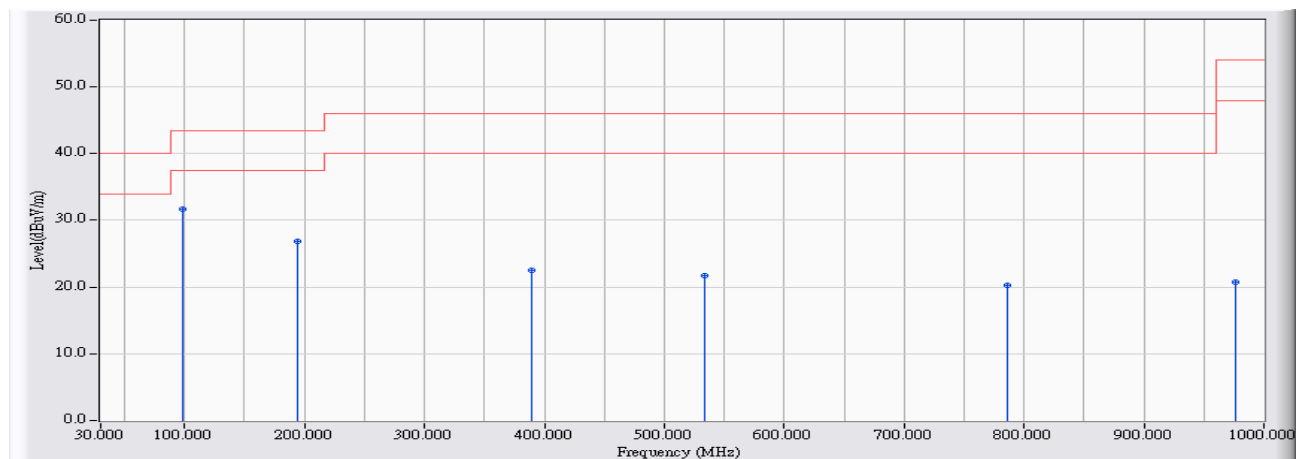
30MHz~1GHz as  $\pm 3.43\text{dB}$

1GHz~26.5Ghz as  $\pm 3.65\text{dB}$

4.7. Test Result

30MHz-1GHz Spurious

Site : CB3	Time : 2013/10/22 - 13:27
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11b

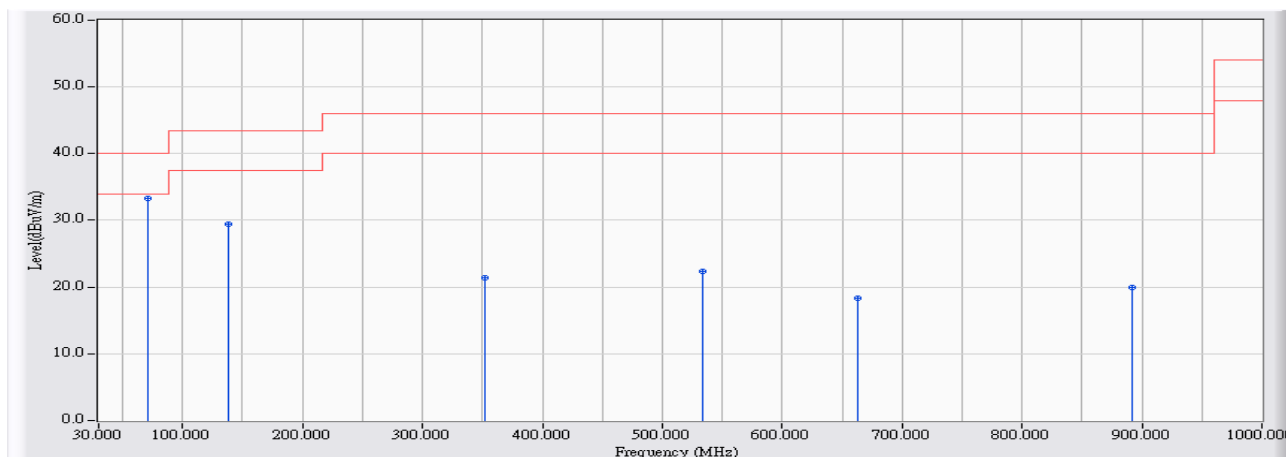


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	98.870	-23.421	55.082	31.660	-11.840	43.500	QUASPEAK
2		193.930	-24.805	51.677	26.871	-16.629	43.500	QUASPEAK
3		388.900	-17.823	40.403	22.580	-23.420	46.000	QUASPEAK
4		533.430	-15.584	37.296	21.712	-24.288	46.000	QUASPEAK
5		785.630	-13.791	34.008	20.218	-25.782	46.000	QUASPEAK
6		976.720	-12.778	33.499	20.721	-33.279	54.000	QUASPEAK

Note:

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

Site : CB3	Time : 2013/10/22 - 13:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11b

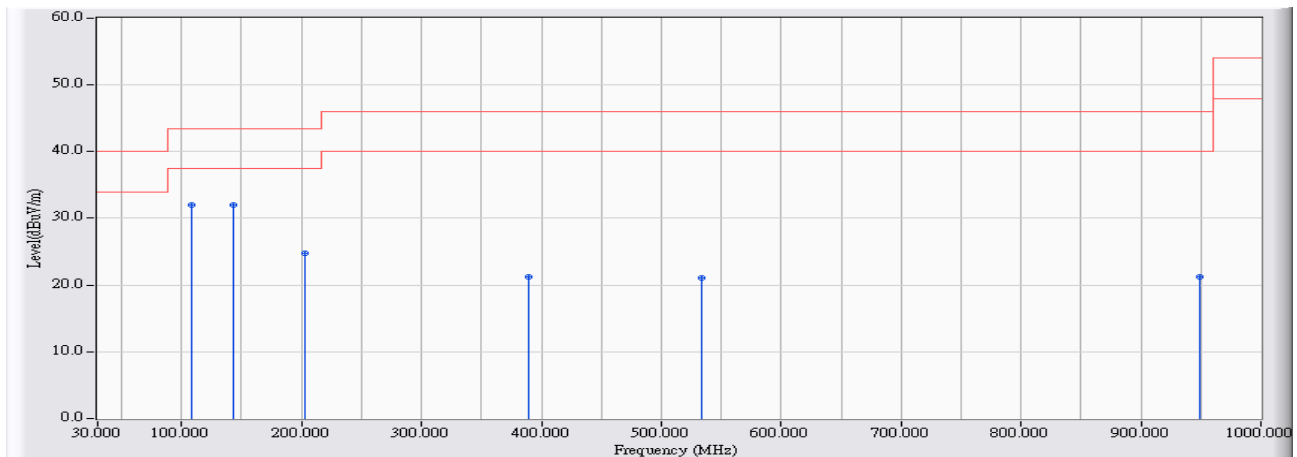


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.740	-27.413	60.753	33.341	-6.659	40.000	QUASPEAK
2		138.640	-22.821	52.285	29.464	-14.036	43.500	QUASPEAK
3		352.040	-18.746	40.167	21.421	-24.579	46.000	QUASPEAK
4		533.430	-15.584	38.005	22.421	-23.579	46.000	QUASPEAK
5		663.410	-15.194	33.569	18.375	-27.625	46.000	QUASPEAK
6		891.360	-13.350	33.256	19.906	-26.094	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11g

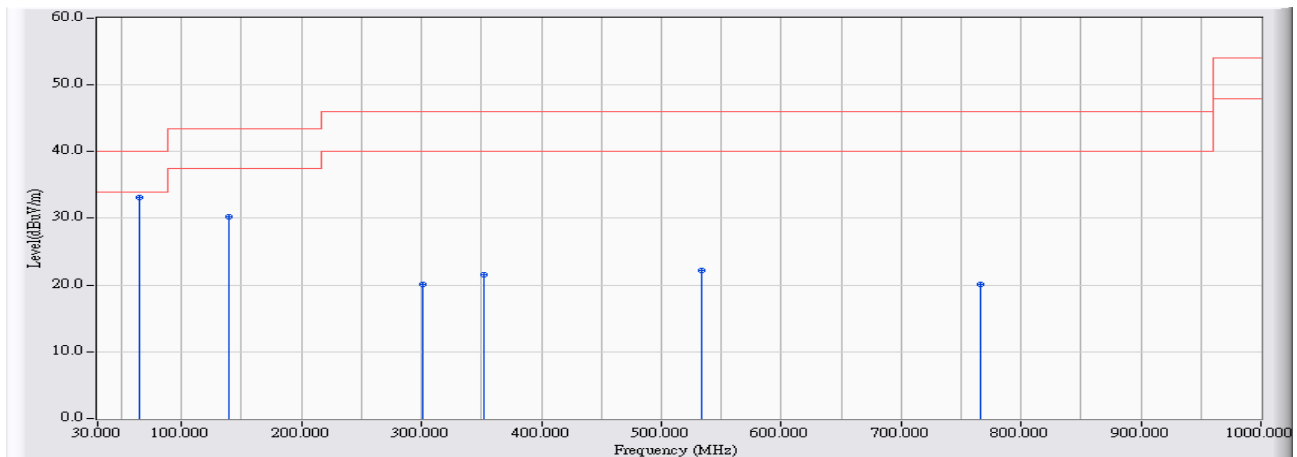


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	108.570	-22.739	54.687	31.948	-11.552	43.500	QUASPEAK
2	* 143.490	-23.042	55.128	32.086	-11.414	43.500	QUASPEAK
3	202.660	-24.632	49.455	24.823	-18.677	43.500	QUASPEAK
4	388.900	-17.823	39.046	21.223	-24.777	46.000	QUASPEAK
5	533.430	-15.584	36.664	21.080	-24.920	46.000	QUASPEAK
6	948.590	-12.980	34.154	21.175	-24.825	46.000	QUASPEAK

Note:

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

Site : CB3	Time : 2013/10/22 - 13:32
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11g

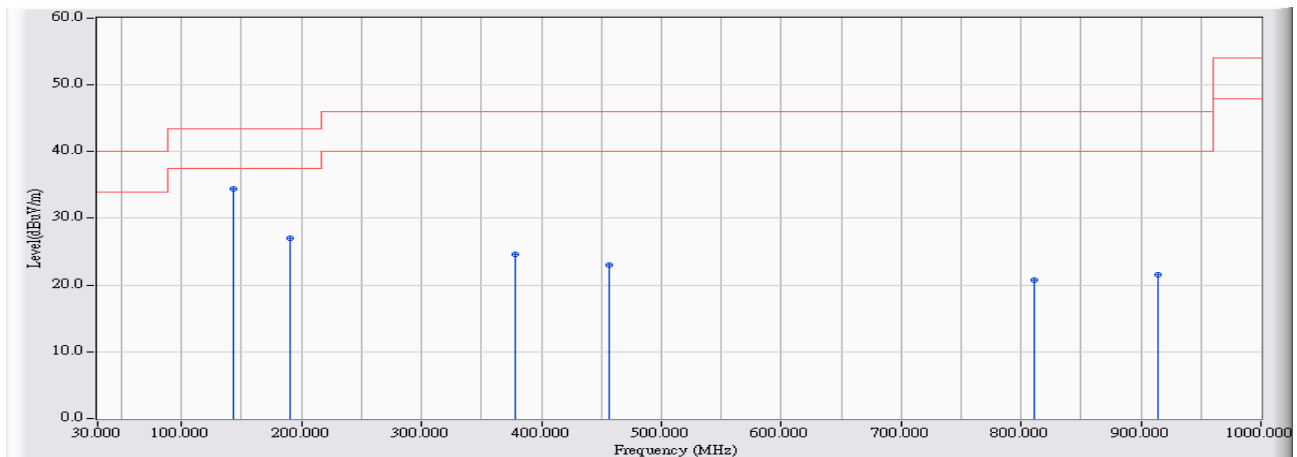


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	64.920	-27.319	60.390	33.071	-6.929	40.000	QUASPEAK
2		139.610	-22.855	53.028	30.173	-13.327	43.500	QUASPEAK
3		300.630	-20.033	40.060	20.027	-25.973	46.000	QUASPEAK
4		352.040	-18.746	40.227	21.481	-24.519	46.000	QUASPEAK
5		533.430	-15.584	37.744	22.160	-23.840	46.000	QUASPEAK
6		766.230	-14.066	34.205	20.139	-25.861	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11n(20M)

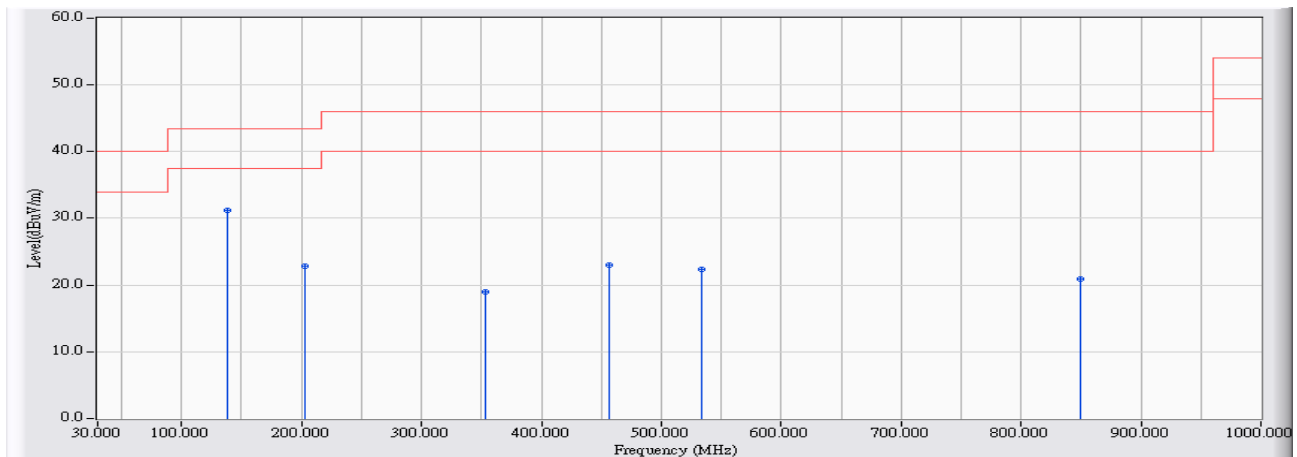


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	57.462	34.420	-9.080	43.500	QUASPEAK
2		191.020	-24.792	51.736	26.944	-16.556	43.500	QUASPEAK
3		378.230	-18.090	42.661	24.571	-21.429	46.000	QUASPEAK
4		456.800	-16.450	39.454	23.004	-22.996	46.000	QUASPEAK
5		810.850	-13.559	34.291	20.733	-25.267	46.000	QUASPEAK
6		913.670	-13.230	34.786	21.556	-24.444	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11n(20M)



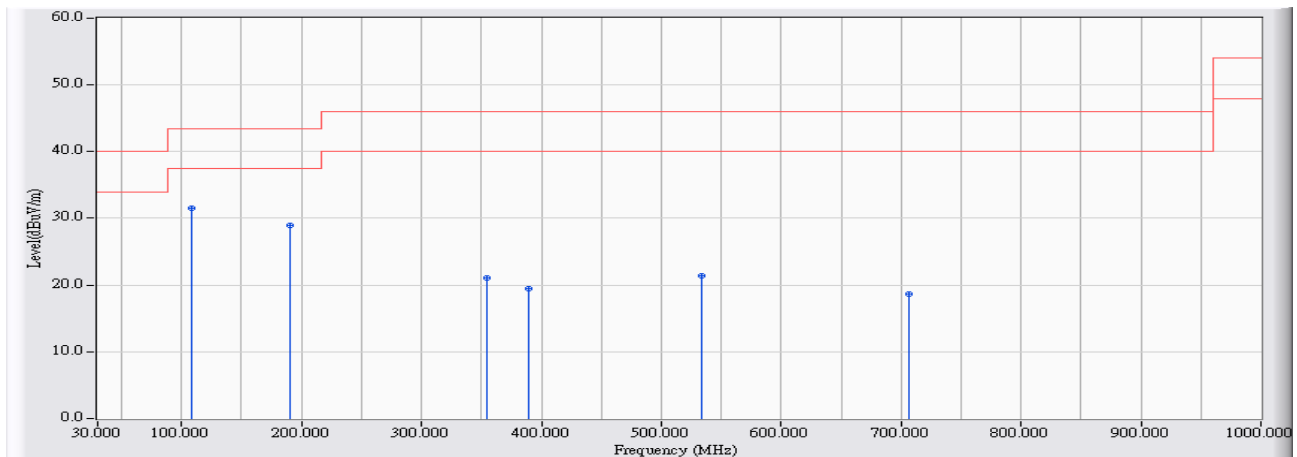
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.640	-22.821	53.954	31.133	-12.367	43.500	QUASPEAK
2		202.660	-24.632	47.457	22.825	-20.675	43.500	QUASPEAK
3		353.010	-18.722	37.659	18.938	-27.062	46.000	QUASPEAK
4		456.800	-16.450	39.521	23.071	-22.929	46.000	QUASPEAK
5		533.430	-15.584	38.022	22.438	-23.562	46.000	QUASPEAK
6		849.650	-13.458	34.405	20.947	-25.053	46.000	QUASPEAK

**Note:**

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



Site : CB3	Time : 2013/10/22 - 13:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11n(40M)

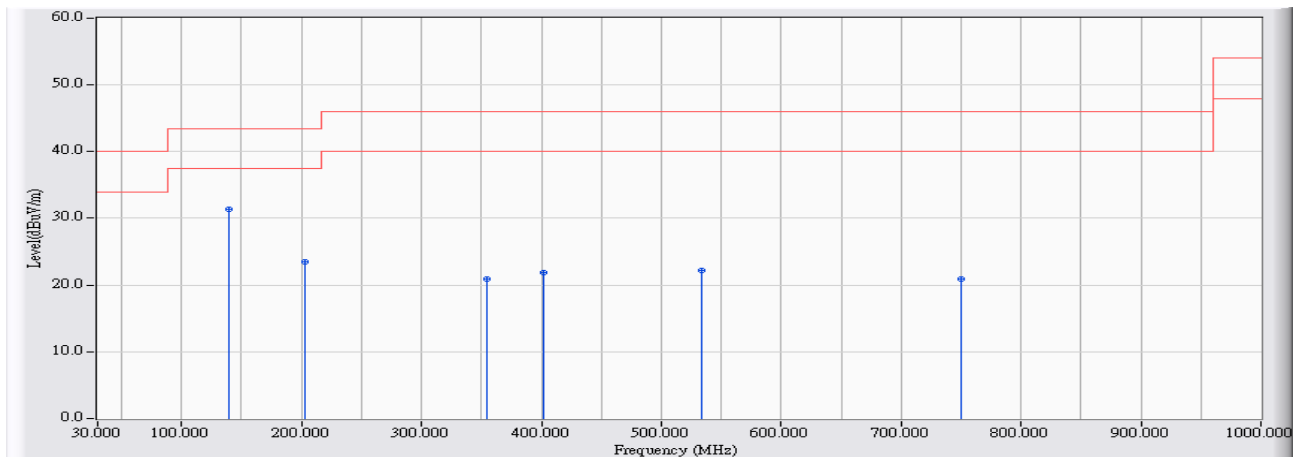


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.570	-22.739	54.192	31.453	-12.047	43.500	QUASPEAK
2		191.020	-24.792	53.791	28.999	-14.501	43.500	QUASPEAK
3		353.980	-18.697	39.764	21.067	-24.933	46.000	QUASPEAK
4		388.900	-17.823	37.208	19.385	-26.615	46.000	QUASPEAK
5		533.430	-15.584	36.948	21.364	-24.636	46.000	QUASPEAK
6		706.090	-14.921	33.630	18.709	-27.291	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-2437MHz_802.11n(40M)

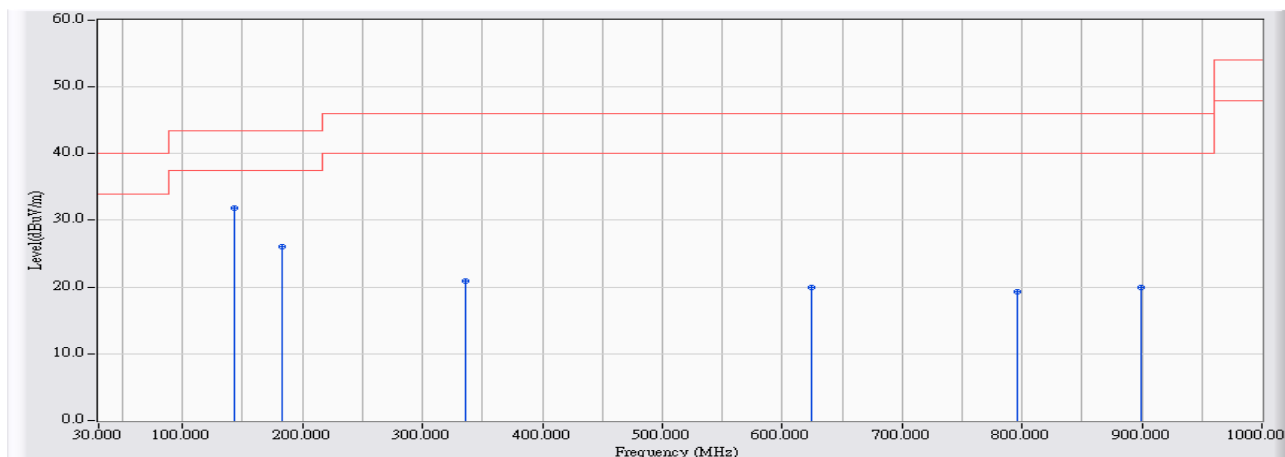


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	139.610	-22.855	54.300	31.445	-12.055	43.500	QUASPEAK
2		202.660	-24.632	48.173	23.541	-19.959	43.500	QUASPEAK
3		353.980	-18.697	39.604	20.907	-25.093	46.000	QUASPEAK
4		401.510	-17.516	39.400	21.884	-24.116	46.000	QUASPEAK
5		533.430	-15.584	37.815	22.231	-23.769	46.000	QUASPEAK
6		749.740	-14.300	35.247	20.947	-25.053	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437 MHz_802.11b

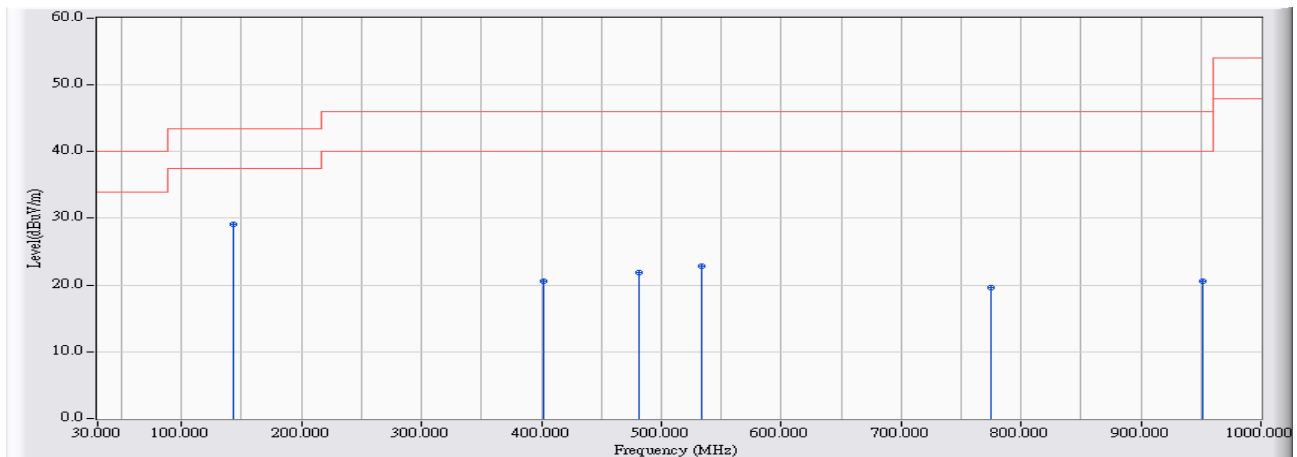


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.845	31.803	-11.697	43.500	QUASPEAK
2		183.260	-24.755	50.769	26.014	-17.486	43.500	QUASPEAK
3		336.520	-19.134	40.112	20.978	-25.022	46.000	QUASPEAK
4		624.610	-15.392	35.375	19.984	-26.016	46.000	QUASPEAK
5		796.300	-13.638	32.982	19.343	-26.657	46.000	QUASPEAK
6		899.120	-13.331	33.287	19.957	-26.043	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:42
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437 MHz_802.11b

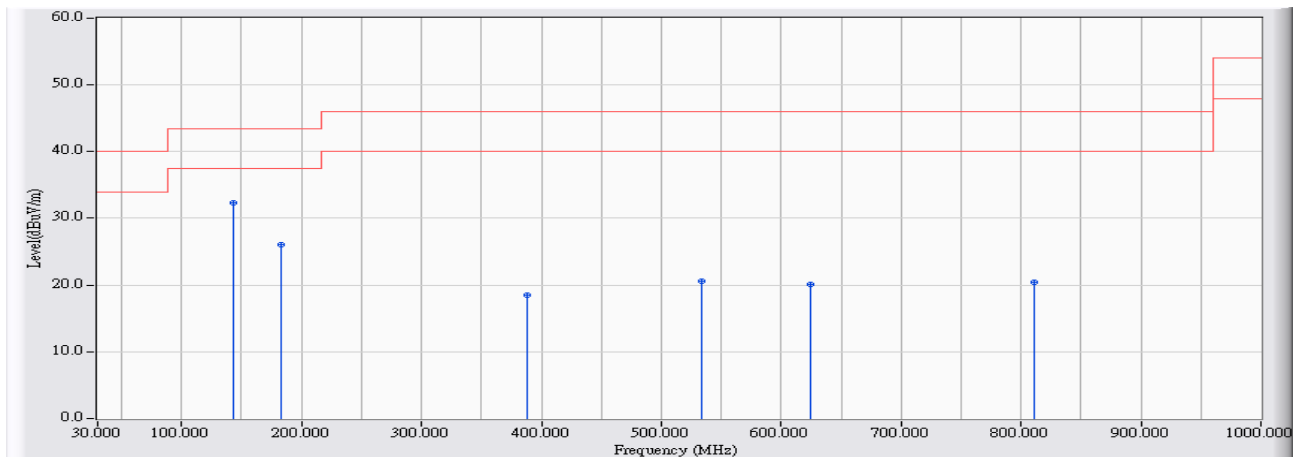


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	52.225	29.183	-14.317	43.500	QUASPEAK
2		401.510	-17.516	38.111	20.595	-25.405	46.000	QUASPEAK
3		482.020	-15.963	37.829	21.865	-24.135	46.000	QUASPEAK
4		533.430	-15.584	38.372	22.788	-23.212	46.000	QUASPEAK
5		774.960	-13.942	33.508	19.566	-26.434	46.000	QUASPEAK
6		951.500	-12.958	33.622	20.663	-25.337	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437 MHz_802.11g

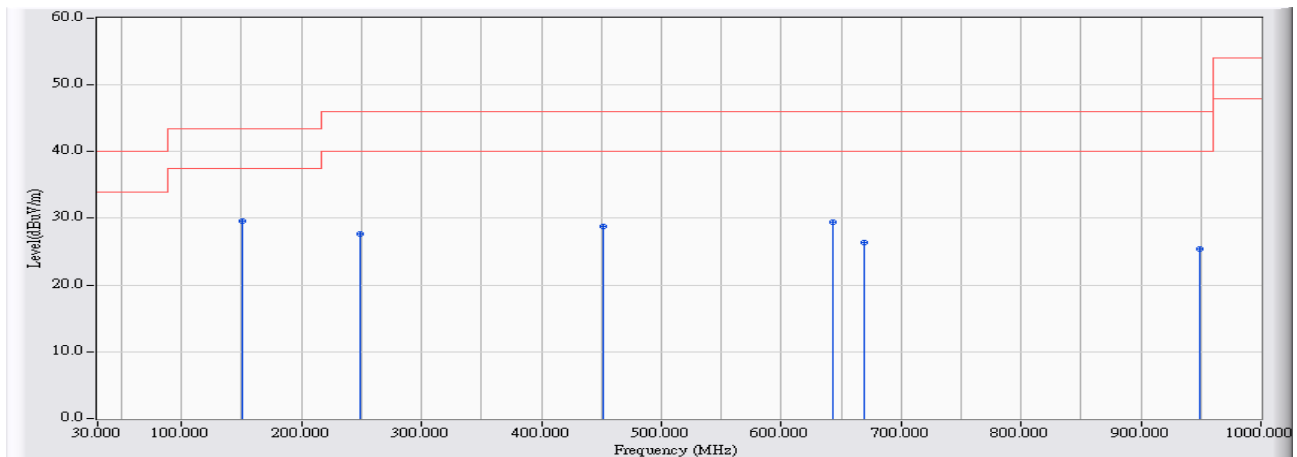


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.439	32.397	-11.103	43.500	QUASPEAK
2		183.260	-24.755	50.862	26.107	-17.393	43.500	QUASPEAK
3		387.930	-17.847	36.424	18.577	-27.423	46.000	QUASPEAK
4		533.430	-15.584	36.140	20.556	-25.444	46.000	QUASPEAK
5		624.610	-15.392	35.420	20.029	-25.971	46.000	QUASPEAK
6		810.850	-13.559	34.064	20.506	-25.494	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power :
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437 MHz_802.11g

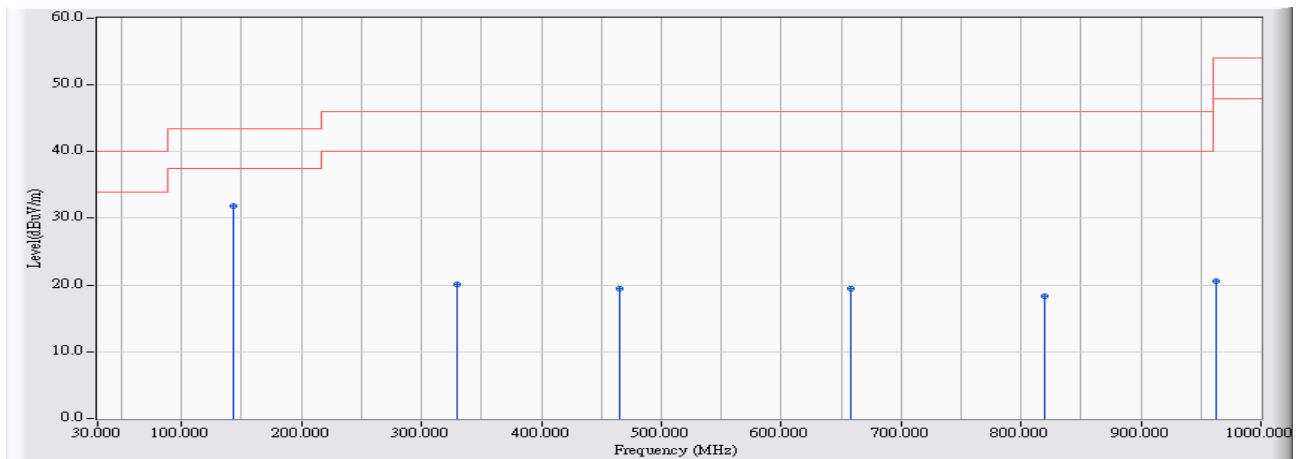


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	150.280	-23.379	53.022	29.642	-13.858	43.500	QUASPEAK
2		249.220	-21.077	48.765	27.689	-18.311	46.000	QUASPEAK
3		450.980	-16.562	45.305	28.743	-17.257	46.000	QUASPEAK
4		643.040	-15.298	44.671	29.373	-16.627	46.000	QUASPEAK
5		669.230	-15.164	41.564	26.400	-19.600	46.000	QUASPEAK
6		949.560	-12.973	38.449	25.477	-20.523	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437MHz_802.11n(20M)



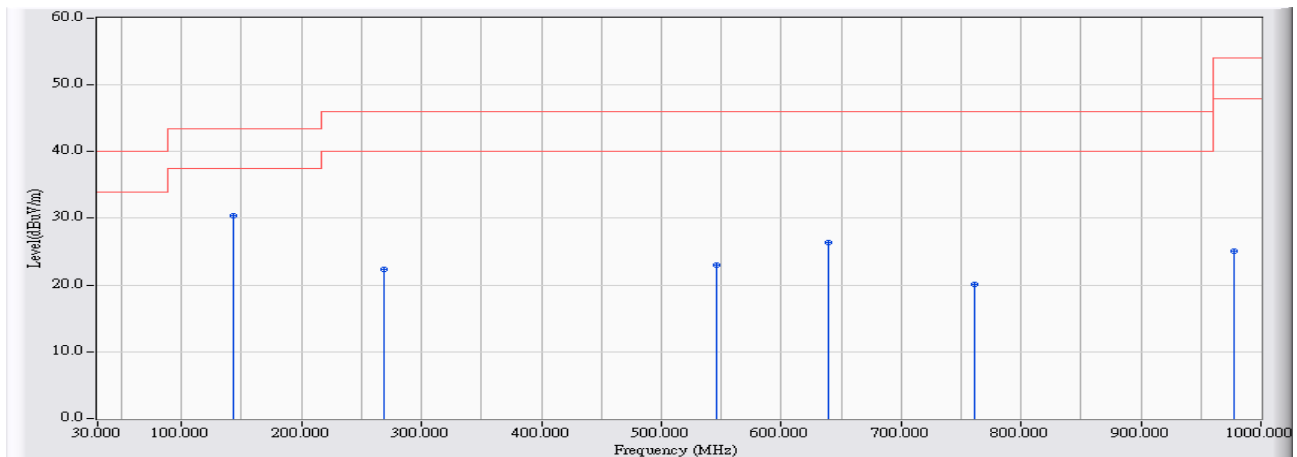
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.962	31.920	-11.580	43.500	QUASPEAK
2		329.730	-19.304	39.423	20.119	-25.881	46.000	QUASPEAK
3		465.530	-16.282	35.682	19.400	-26.600	46.000	QUASPEAK
4		657.590	-15.224	34.650	19.427	-26.573	46.000	QUASPEAK
5		819.580	-13.536	31.802	18.267	-27.733	46.000	QUASPEAK
6		963.140	-12.875	33.386	20.511	-33.489	54.000	QUASPEAK

**Note:**

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



Site : CB3	Time : 2013/10/22 - 14:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437MHz_802.11n(20M)

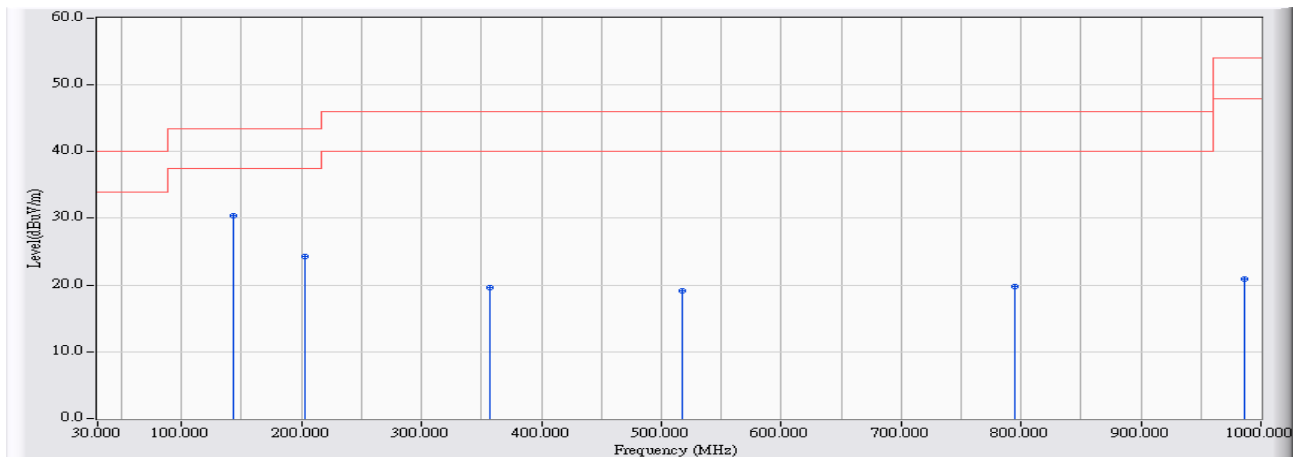


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.448	30.406	-13.094	43.500	QUASPEAK
2		268.620	-20.656	43.049	22.393	-23.607	46.000	QUASPEAK
3		546.040	-15.571	38.495	22.924	-23.076	46.000	QUASPEAK
4		639.160	-15.318	41.672	26.355	-19.645	46.000	QUASPEAK
5		761.380	-14.135	34.297	20.162	-25.838	46.000	QUASPEAK
6		977.690	-12.772	37.926	25.155	-28.845	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:49
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437MHz_802.11n(40M)

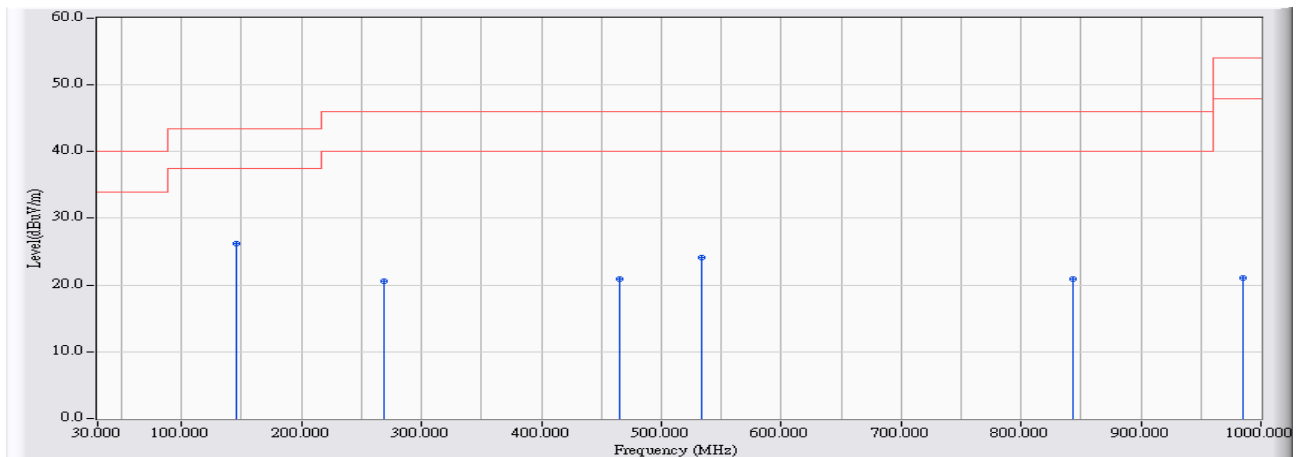


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.386	30.344	-13.156	43.500	QUASPEAK
2		202.660	-24.632	48.973	24.341	-19.159	43.500	QUASPEAK
3		356.890	-18.625	38.217	19.593	-26.407	46.000	QUASPEAK
4		517.910	-15.599	34.733	19.134	-26.866	46.000	QUASPEAK
5		795.330	-13.652	33.473	19.821	-26.179	46.000	QUASPEAK
6		986.420	-12.708	33.594	20.886	-33.114	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-2437MHz_802.11n(40M)

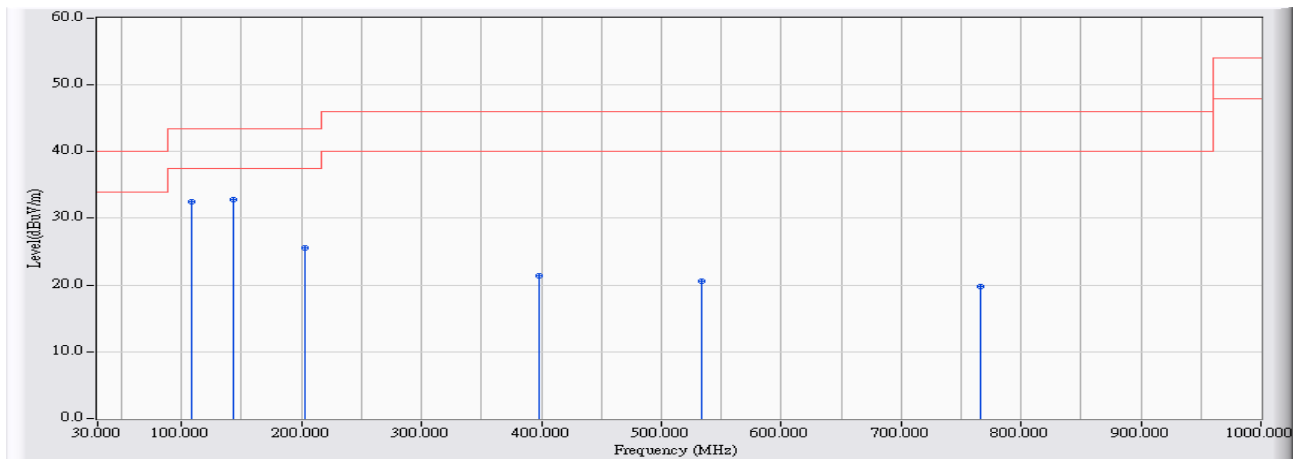


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	145.430	-23.139	49.279	26.141	-17.359	43.500	QUASPEAK
2		268.620	-20.656	41.201	20.545	-25.455	46.000	QUASPEAK
3		465.530	-16.282	37.237	20.955	-25.045	46.000	QUASPEAK
4		533.430	-15.584	39.636	24.052	-21.948	46.000	QUASPEAK
5		843.830	-13.473	34.380	20.907	-25.093	46.000	QUASPEAK
6		985.450	-12.715	33.747	21.032	-32.968	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:58
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5785MHz_802.11a

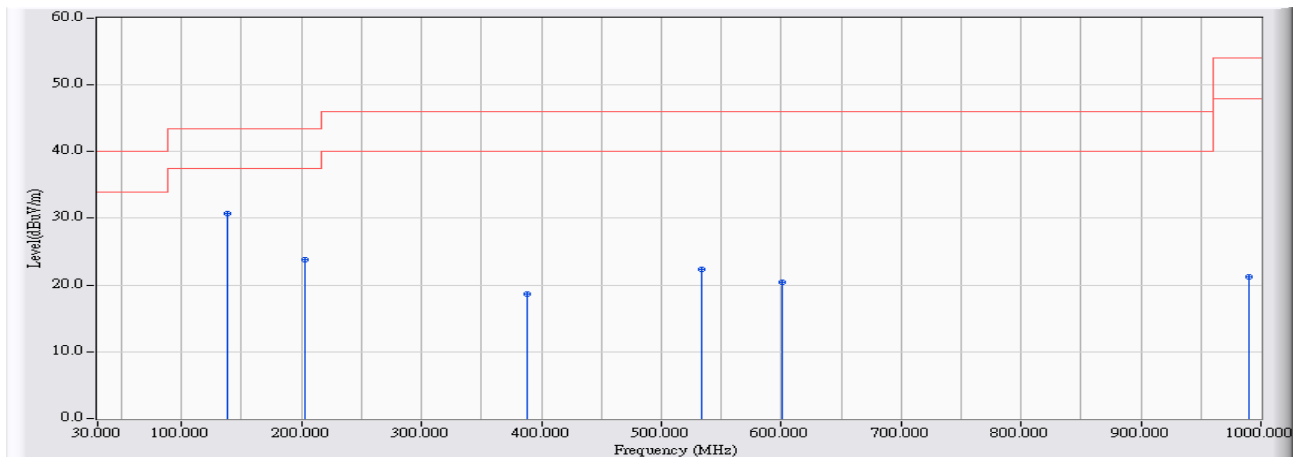


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	108.570	-22.739	55.216	32.477	-11.023	43.500	QUASPEAK
2	* 143.490	-23.042	55.931	32.889	-10.611	43.500	QUASPEAK
3	202.660	-24.632	50.196	25.564	-17.936	43.500	QUASPEAK
4	397.630	-17.605	38.961	21.356	-24.644	46.000	QUASPEAK
5	533.430	-15.584	36.108	20.524	-25.476	46.000	QUASPEAK
6	766.230	-14.066	33.846	19.780	-26.220	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 13:59
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5785MHz_802.11a

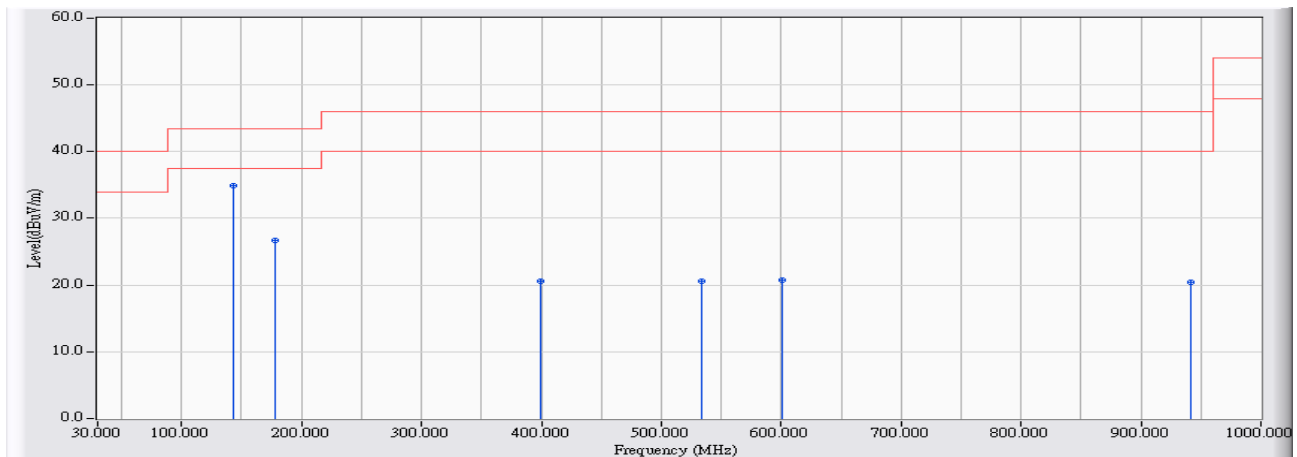


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.640	-22.821	53.608	30.787	-12.713	43.500	QUASPEAK
2		202.660	-24.632	48.511	23.879	-19.621	43.500	QUASPEAK
3		387.930	-17.847	36.530	18.683	-27.317	46.000	QUASPEAK
4		533.430	-15.584	38.007	22.423	-23.577	46.000	QUASPEAK
5		600.360	-15.514	35.984	20.469	-25.531	46.000	QUASPEAK
6		990.300	-12.681	33.976	21.295	-32.705	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:00
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5785MHz_802.11n(20M)

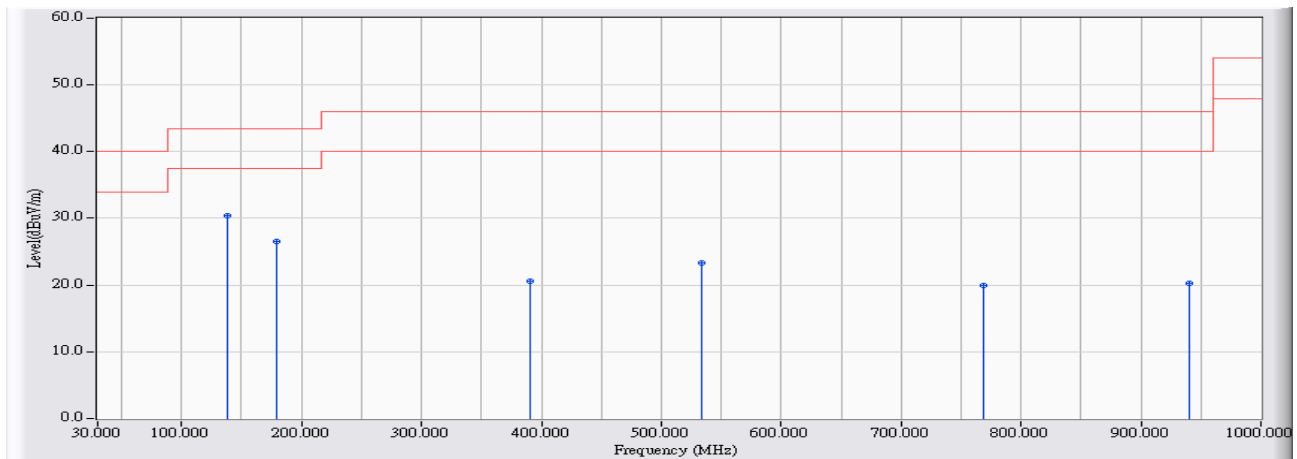


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	58.004	34.962	-8.538	43.500	QUASPEAK
2		178.410	-24.670	51.444	26.774	-16.726	43.500	QUASPEAK
3		399.570	-17.557	38.089	20.532	-25.468	46.000	QUASPEAK
4		533.430	-15.584	36.218	20.634	-25.366	46.000	QUASPEAK
5		600.360	-15.514	36.213	20.698	-25.302	46.000	QUASPEAK
6		941.800	-13.028	33.437	20.409	-25.591	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:02
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5785MHz_802.11n(20M)



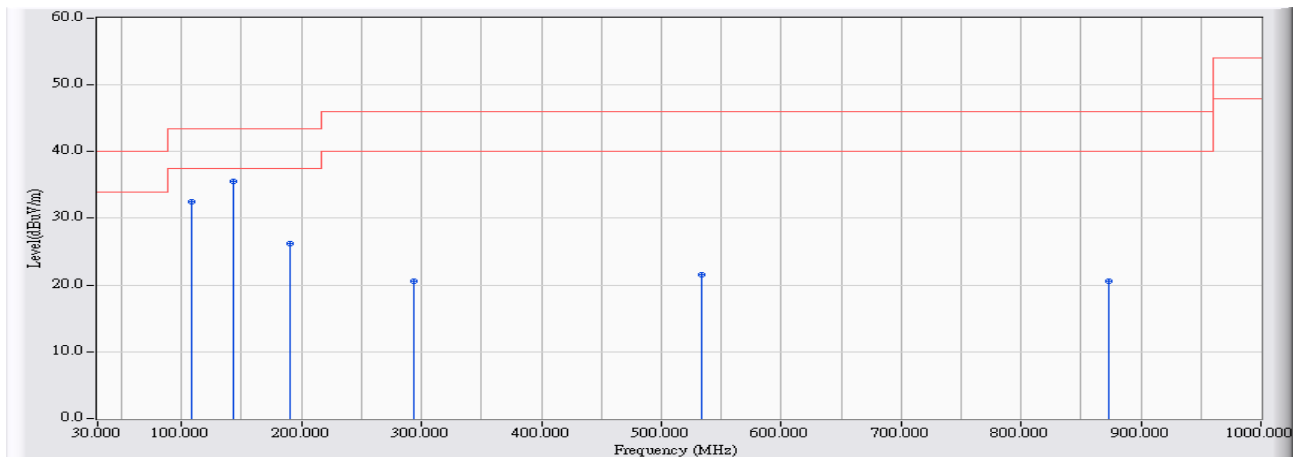
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.640	-22.821	53.203	30.382	-13.118	43.500	QUASPEAK
2		179.380	-24.712	51.233	26.521	-16.979	43.500	QUASPEAK
3		390.840	-17.775	38.289	20.514	-25.486	46.000	QUASPEAK
4		533.430	-15.584	38.876	23.292	-22.708	46.000	QUASPEAK
5		768.170	-14.038	34.001	19.962	-26.038	46.000	QUASPEAK
6		939.860	-13.042	33.343	20.301	-25.699	46.000	QUASPEAK

**Note:**

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



Site : CB3	Time : 2013/10/22 - 14:03
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5755MHz_802.11n(40)

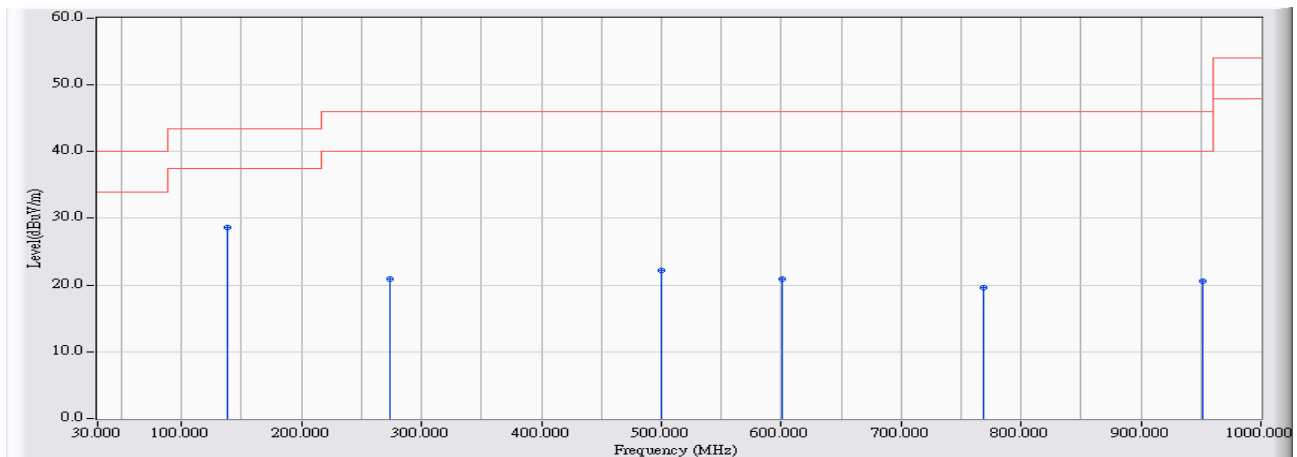


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	108.570	-22.739	55.182	32.443	-11.057	43.500	QUASPEAK
2	* 143.490	-23.042	58.579	35.537	-7.963	43.500	QUASPEAK
3	191.020	-24.792	51.084	26.292	-17.208	43.500	QUASPEAK
4	293.840	-20.167	40.747	20.580	-25.420	46.000	QUASPEAK
5	533.430	-15.584	37.077	21.493	-24.507	46.000	QUASPEAK
6	872.930	-13.398	33.995	20.597	-25.403	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:05
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5755MHz_802.11n(40)

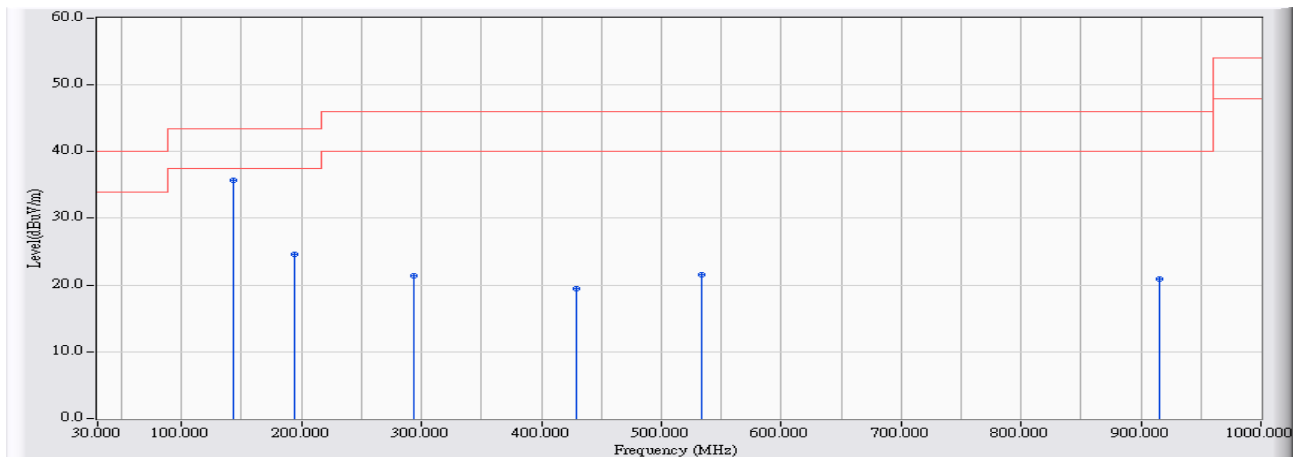


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.640	-22.821	51.481	28.660	-14.840	43.500	QUASPEAK
2		273.470	-20.562	41.440	20.878	-25.122	46.000	QUASPEAK
3		500.450	-15.617	37.863	22.246	-23.754	46.000	QUASPEAK
4		600.360	-15.514	36.415	20.900	-25.100	46.000	QUASPEAK
5		768.170	-14.038	33.669	19.630	-26.370	46.000	QUASPEAK
6		951.500	-12.958	33.621	20.662	-25.338	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 14:07
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5775MHz_802.11ac(80M)

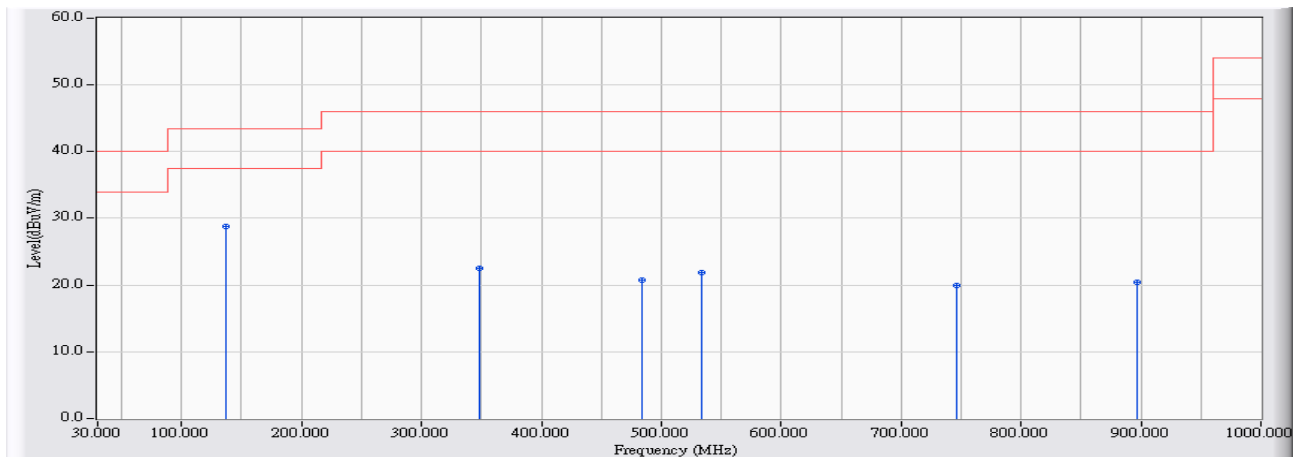


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	58.771	35.729	-7.771	43.500	QUASIPeAK
2		193.930	-24.805	49.484	24.678	-18.822	43.500	QUASIPeAK
3		293.840	-20.167	41.526	21.359	-24.641	46.000	QUASIPeAK
4		428.670	-16.993	36.425	19.432	-26.568	46.000	QUASIPeAK
5		533.430	-15.584	37.064	21.480	-24.520	46.000	QUASIPeAK
6		915.610	-13.216	34.075	20.859	-25.141	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 : CB3	Time : 2013/10/22 - 14:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-5775MHz_802.11ac(80M)

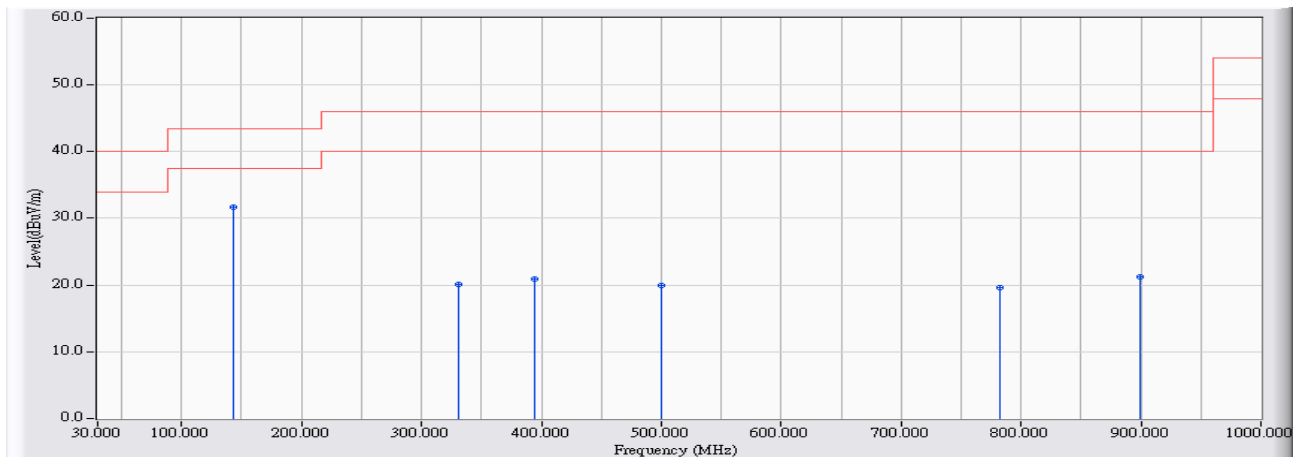


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	136.700	-22.755	51.534	28.779	-14.721	43.500	QUASPEAK
2		348.160	-18.843	41.410	22.567	-23.433	46.000	QUASPEAK
3		483.960	-15.926	36.642	20.715	-25.285	46.000	QUASPEAK
4		533.430	-15.584	37.451	21.867	-24.133	46.000	QUASPEAK
5		745.860	-14.355	34.272	19.916	-26.084	46.000	QUASPEAK
6		896.210	-13.337	33.791	20.453	-25.547	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:06
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5785MHz_802.11a

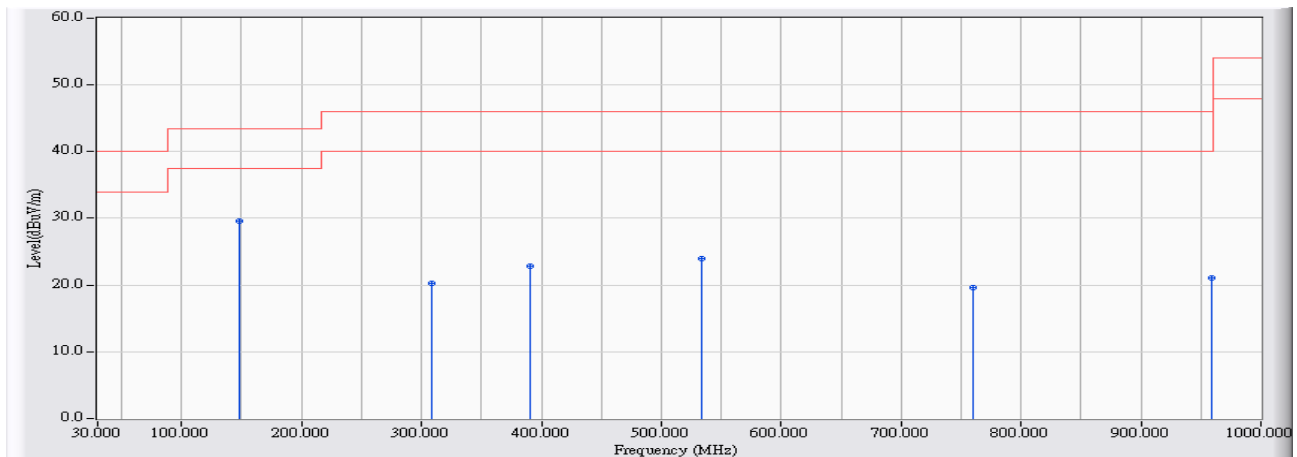


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.727	31.685	-11.815	43.500	QUASPEAK
2		330.700	-19.279	39.324	20.044	-25.956	46.000	QUASPEAK
3		393.750	-17.702	38.620	20.918	-25.082	46.000	QUASPEAK
4		500.450	-15.617	35.588	19.971	-26.029	46.000	QUASPEAK
5		781.750	-13.846	33.407	19.561	-26.439	46.000	QUASPEAK
6		899.120	-13.331	34.634	21.304	-24.696	46.000	QUASPEAK

Note:

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

Site : CB3	Time : 2013/10/22 - 15:08
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5785MHz_802.11a

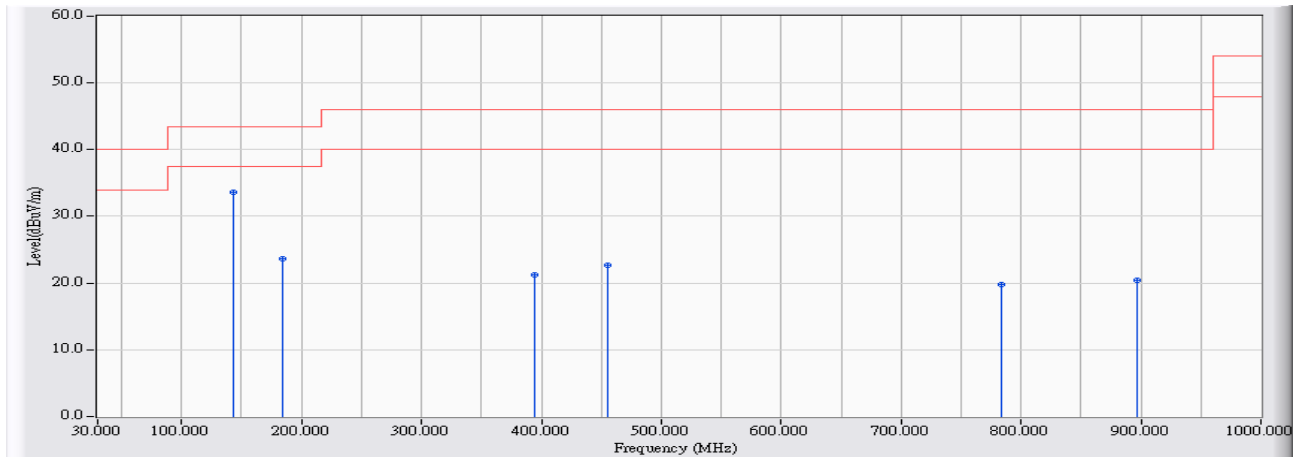


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	148.340	-23.284	52.888	29.605	-13.895	43.500	QUASPEAK
2		308.390	-19.839	40.169	20.331	-25.669	46.000	QUASPEAK
3		390.840	-17.775	40.614	22.839	-23.161	46.000	QUASPEAK
4		533.430	-15.584	39.621	24.037	-21.963	46.000	QUASPEAK
5		759.440	-14.162	33.863	19.700	-26.300	46.000	QUASPEAK
6		959.260	-12.903	34.015	21.112	-24.888	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5785MHz_802.11n(20M)



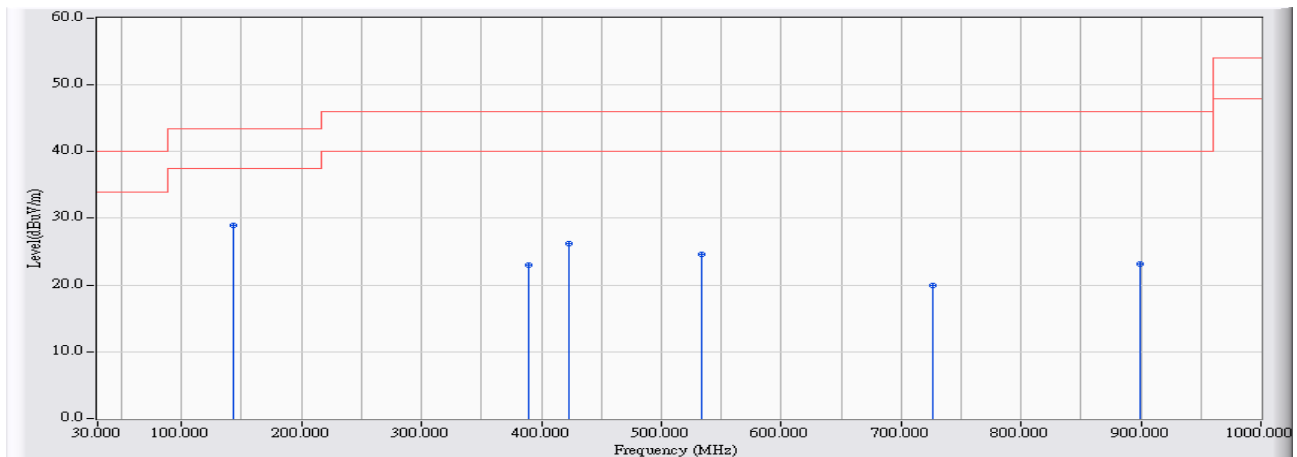
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	56.733	33.691	-9.809	43.500	QUASPEAK
2		184.230	-24.760	48.432	23.672	-19.828	43.500	QUASPEAK
3		393.750	-17.702	38.874	21.172	-24.828	46.000	QUASPEAK
4		455.830	-16.469	39.210	22.741	-23.259	46.000	QUASPEAK
5		783.690	-13.819	33.580	19.762	-26.238	46.000	QUASPEAK
6		897.180	-13.335	33.825	20.490	-25.510	46.000	QUASPEAK

**Note:**

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



Site : CB3	Time : 2013/10/22 - 15:11
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5785MHz_802.11n(20M)

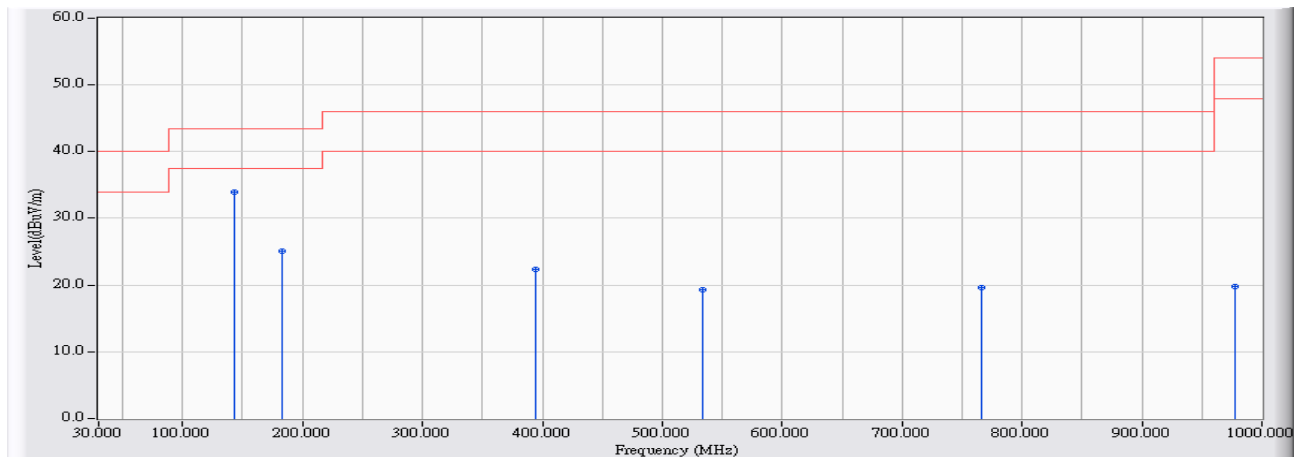


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	51.945	28.903	-14.597	43.500	QUASPEAK
2		388.900	-17.823	40.805	22.982	-23.018	46.000	QUASPEAK
3		422.850	-17.106	43.272	26.167	-19.833	46.000	QUASPEAK
4		533.430	-15.584	40.123	24.539	-21.461	46.000	QUASPEAK
5		726.460	-14.632	34.512	19.881	-26.119	46.000	QUASPEAK
6		899.120	-13.331	36.515	23.185	-22.815	46.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5755MHz_802.11n(40)

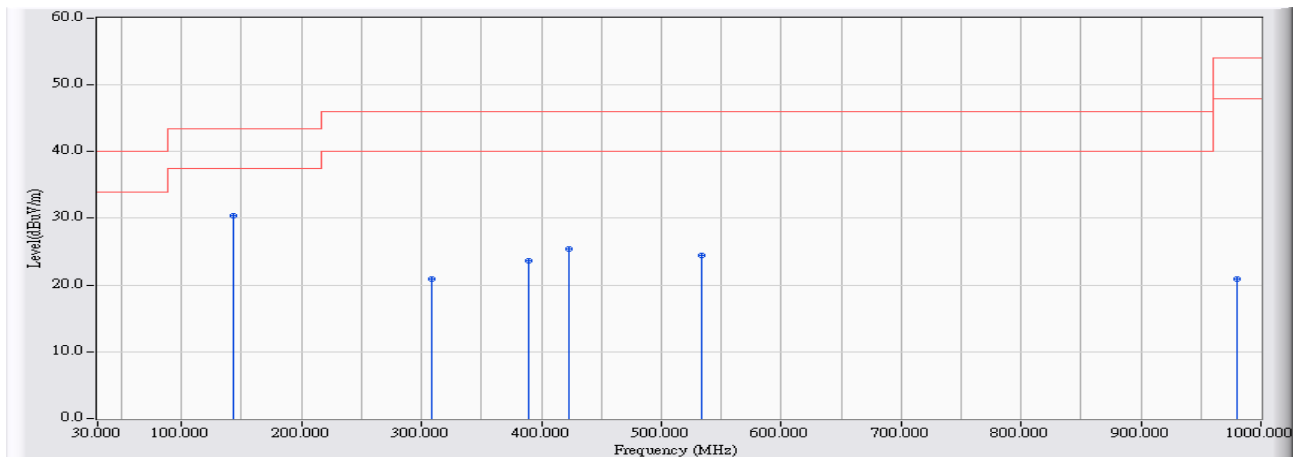


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	56.948	33.906	-9.594	43.500	QUASPEAK
2		183.260	-24.755	49.883	25.128	-18.372	43.500	QUASPEAK
3		393.750	-17.702	40.099	22.397	-23.603	46.000	QUASPEAK
4		533.430	-15.584	34.940	19.356	-26.644	46.000	QUASPEAK
5		766.230	-14.066	33.692	19.626	-26.374	46.000	QUASPEAK
6		977.690	-12.772	32.614	19.843	-34.157	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:15
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5755MHz_802.11n(40)

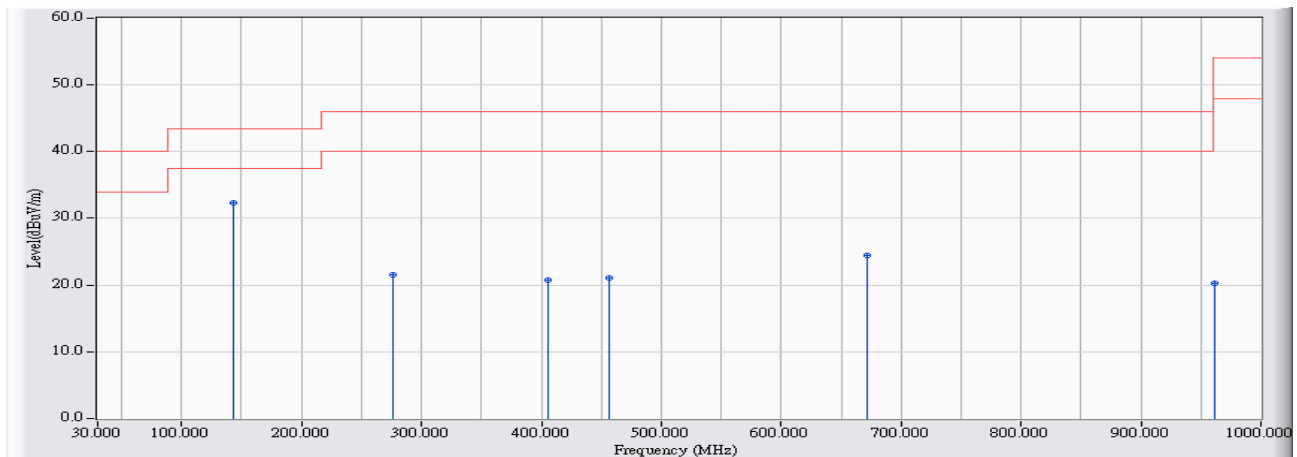


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.445	30.403	-13.097	43.500	QUASPEAK
2		308.390	-19.839	40.812	20.974	-25.026	46.000	QUASPEAK
3		388.900	-17.823	41.390	23.567	-22.433	46.000	QUASPEAK
4		422.850	-17.106	42.563	25.458	-20.542	46.000	QUASPEAK
5		533.430	-15.584	40.040	24.456	-21.544	46.000	QUASPEAK
6		980.600	-12.750	33.656	20.906	-33.094	54.000	QUASPEAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5775MHz_802.11ac(80M)

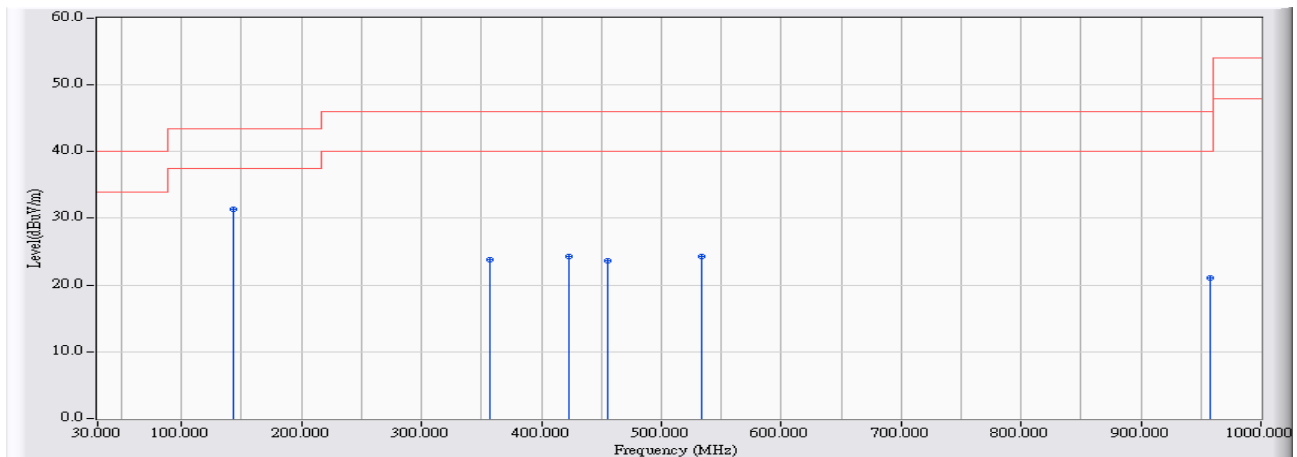


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.375	32.333	-11.167	43.500	QUASIPeAK
2		276.380	-20.505	42.017	21.512	-24.488	46.000	QUASIPeAK
3		405.390	-17.441	38.184	20.742	-25.258	46.000	QUASIPeAK
4		456.800	-16.450	37.575	21.125	-24.875	46.000	QUASIPeAK
5		672.140	-15.150	39.661	24.512	-21.488	46.000	QUASIPeAK
6		961.200	-12.889	33.087	20.198	-33.802	54.000	QUASIPeAK

**Note:**

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

Site : CB3	Time : 2013/10/22 - 15:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-5775MHz_802.11ac(80M)



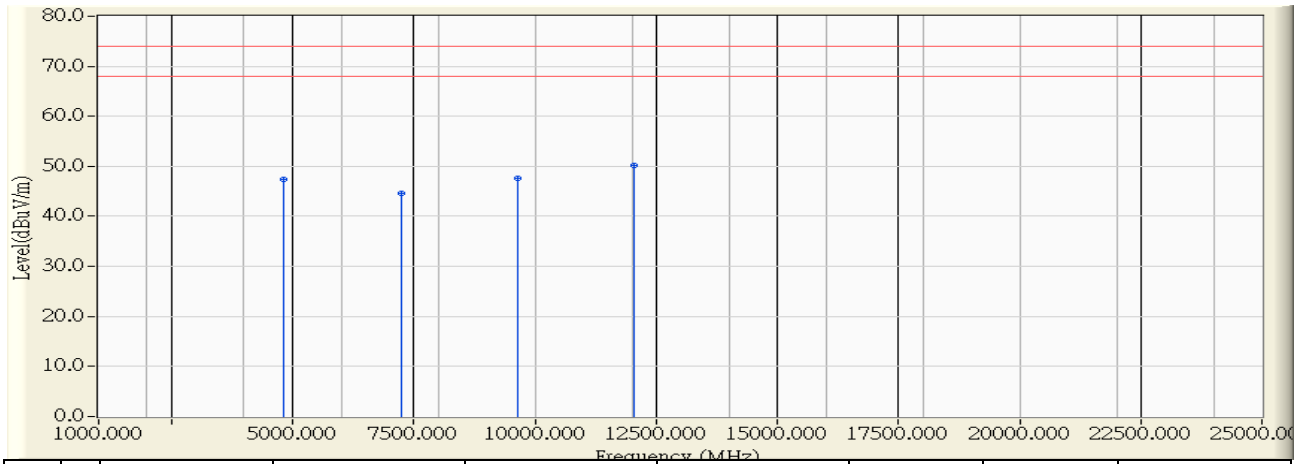
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.488	31.446	-12.054	43.500	QUASPEAK
2		356.890	-18.625	42.447	23.823	-22.177	46.000	QUASPEAK
3		422.850	-17.106	41.331	24.226	-21.774	46.000	QUASPEAK
4		455.830	-16.469	40.107	23.638	-22.362	46.000	QUASPEAK
5		533.430	-15.584	39.951	24.367	-21.633	46.000	QUASPEAK
6		958.290	-12.910	34.059	21.149	-24.851	46.000	QUASPEAK

**Note:**

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

## Above 1GHz Spurious

Site : CB1	Time : 2013/08/26 - 14:47
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2412MHz

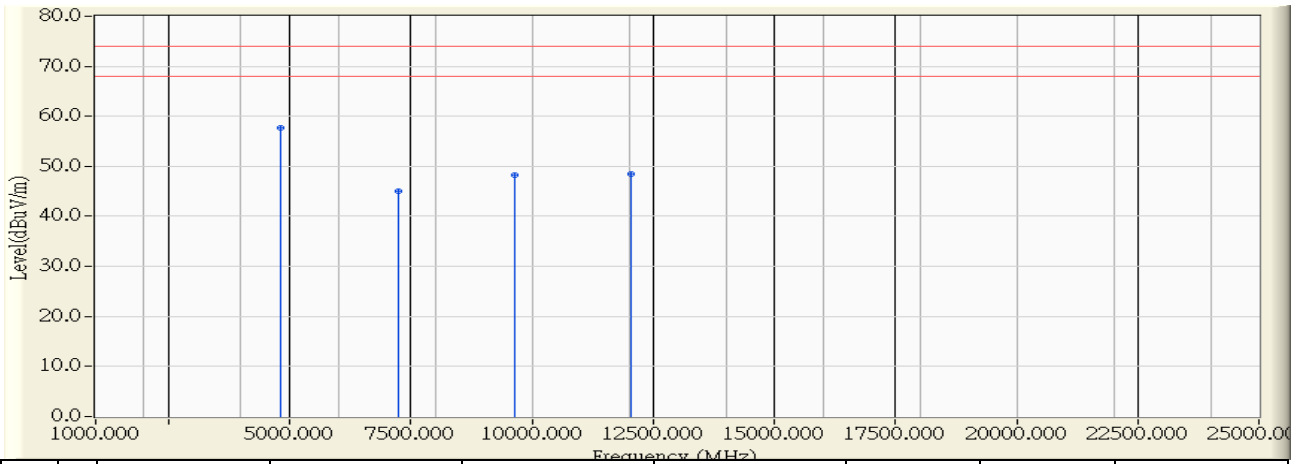


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	48.120	47.503	-26.497	74.000	PEAK
2	7236.000	5.445	39.180	44.625	-29.375	74.000	PEAK
3	9648.000	9.226	38.360	47.586	-26.414	74.000	PEAK
4	* 12060.000	11.115	39.000	50.115	-23.885	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 : 2013/08/26 - 14:42
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2412MHz



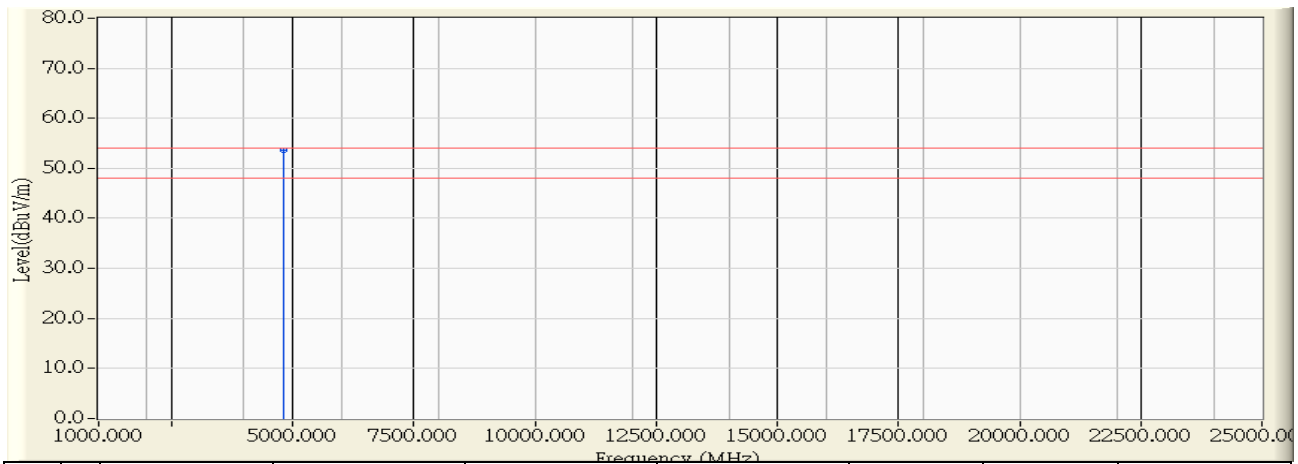
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	58.250	57.633	-16.367	74.000	PEAK
2		7236.000	5.445	39.680	45.125	-28.875	74.000	PEAK
3		9648.000	9.226	38.990	48.216	-25.784	74.000	PEAK
4		12060.000	11.115	37.300	48.415	-25.585	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 : 2013/08/26 - 14:42
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2412MHz

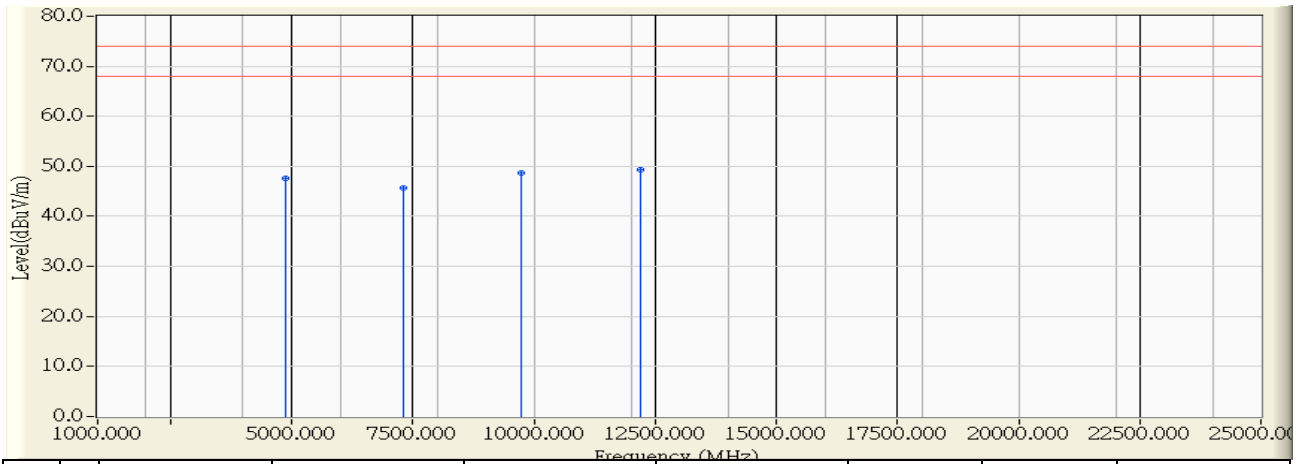


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	54.320	53.703	-0.297	54.000	AVERAGE

**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 : 2013/08/26 - 14:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2437MHz

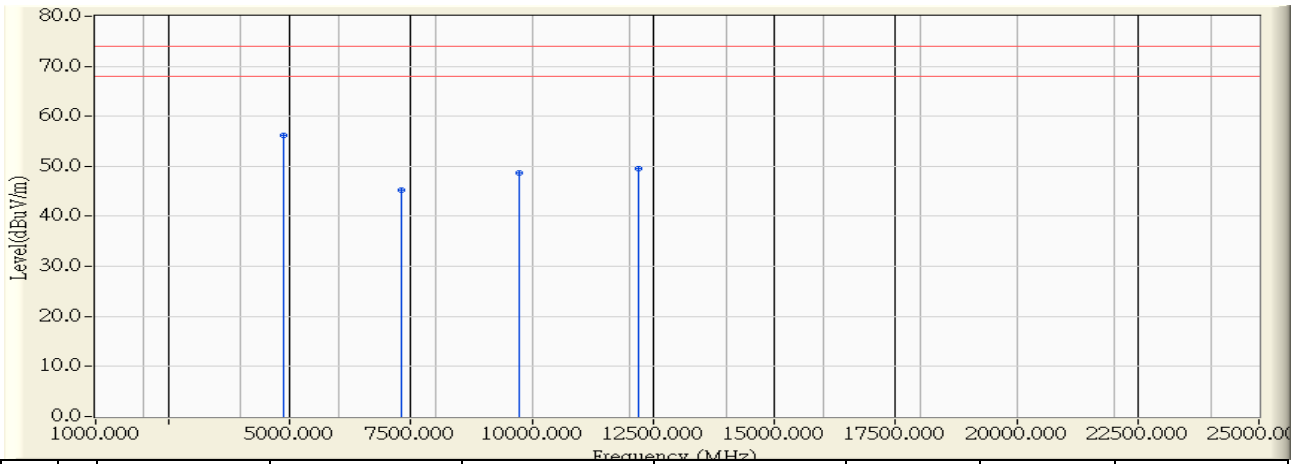


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	34.030	48.190	47.695	-26.305	74.000	PEAK
2	7311.000	40.370	40.020	45.627	-28.373	74.000	PEAK
3	9748.000	44.774	38.830	48.703	-25.297	74.000	PEAK
4	* 12185.000	45.110	38.190	49.248	-24.752	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 : 2013/08/26 - 14:50
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2437MHz

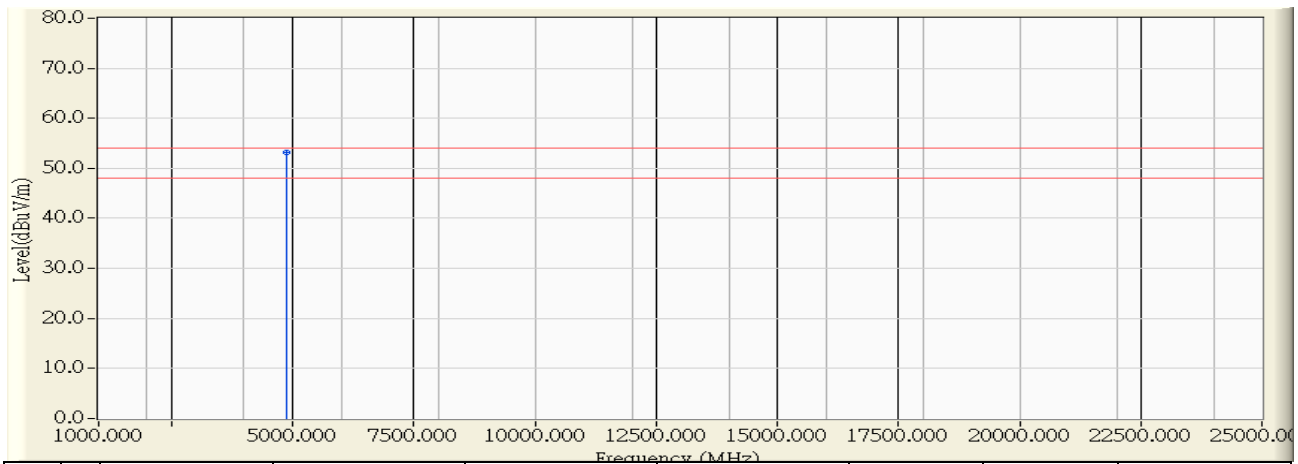


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	56.710	56.215	-17.785	74.000	PEAK
2		7311.000	5.608	39.650	45.257	-28.743	74.000	PEAK
3		9748.000	9.873	38.800	48.673	-25.327	74.000	PEAK
4		12185.000	11.058	38.400	49.458	-24.542	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 : 2013/08/26 - 14:50
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2437MHz

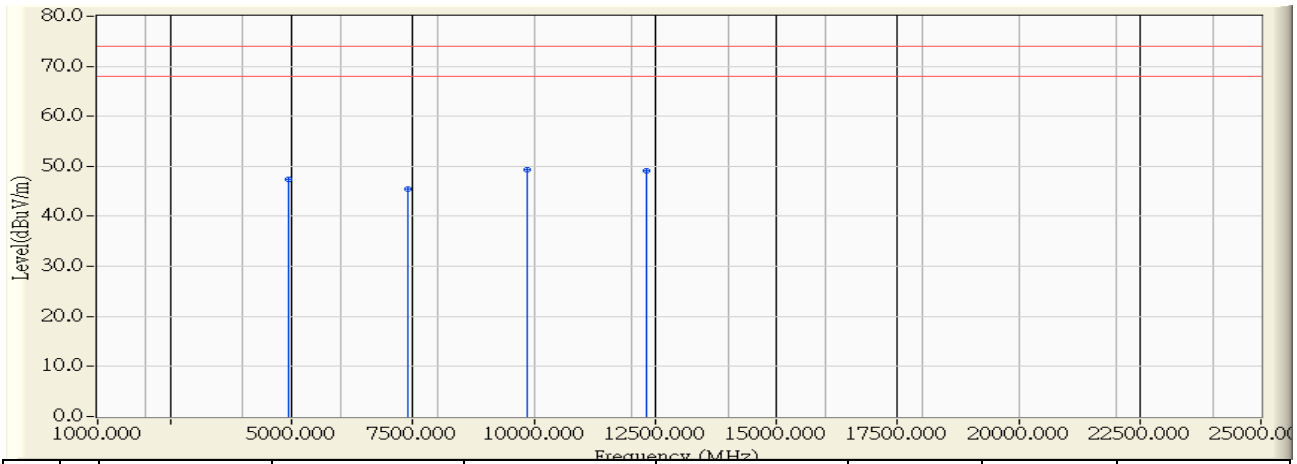


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	53.640	53.145	-0.855	54.000	AVERAGE

**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 : 2013/08/26 - 15:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2462MHz

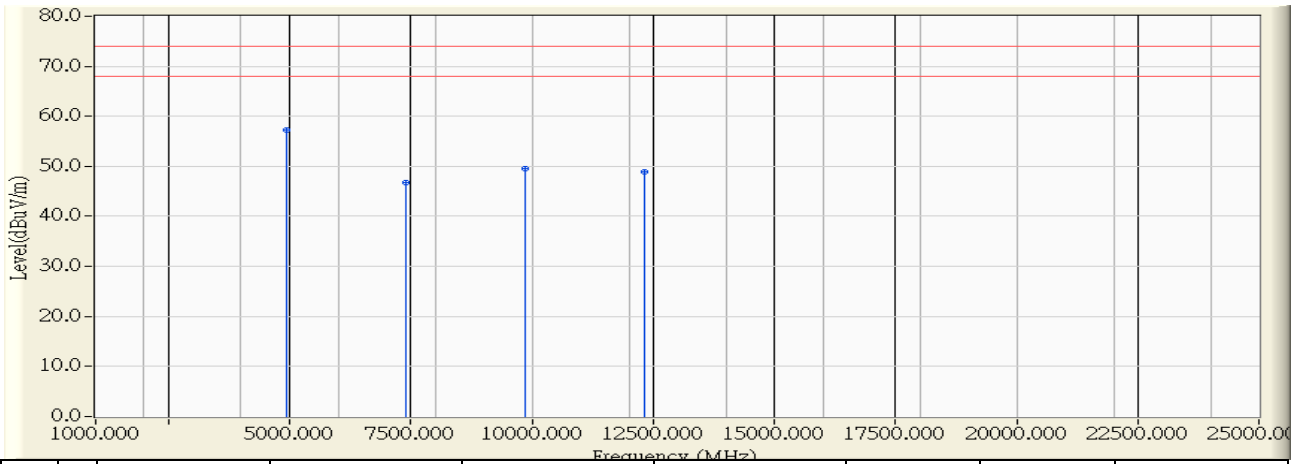


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	47.760	47.387	-26.613	74.000	PEAK
2	7386.000	5.770	39.800	45.570	-28.430	74.000	PEAK
3	* 9848.000	10.521	38.770	49.291	-24.709	74.000	PEAK
4	12310.000	11.001	38.210	49.211	-24.789	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 : 2013/08/26 - 14:58
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2462MHz

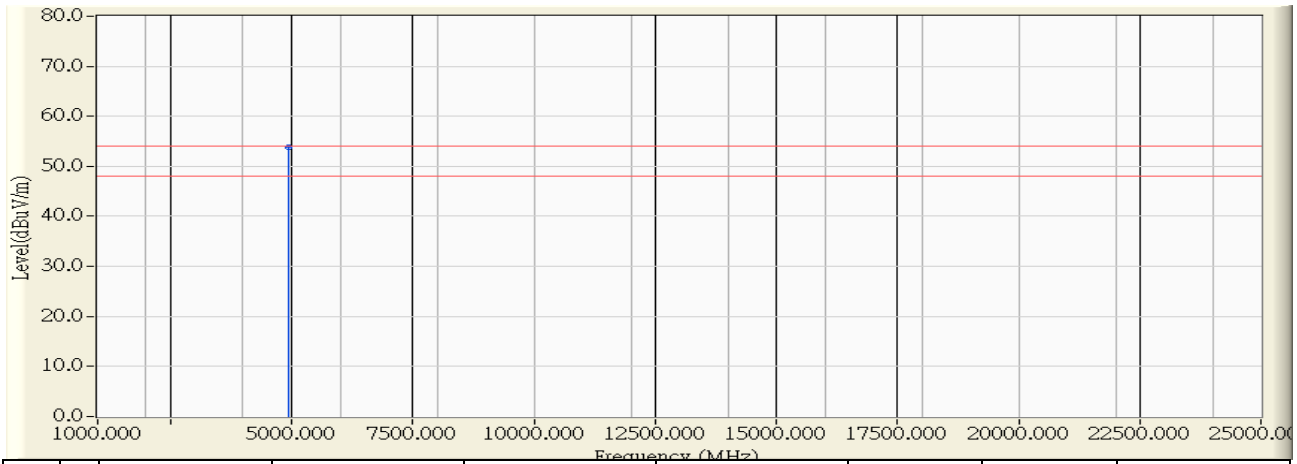


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	57.610	57.237	-16.763	74.000	PEAK
2		7386.000	5.770	40.980	46.750	-27.250	74.000	PEAK
3		9848.000	10.521	39.000	49.521	-24.479	74.000	PEAK
4		12310.000	11.001	37.920	48.921	-25.079	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 : 2013/08/26 - 14:59
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b 2462MHz



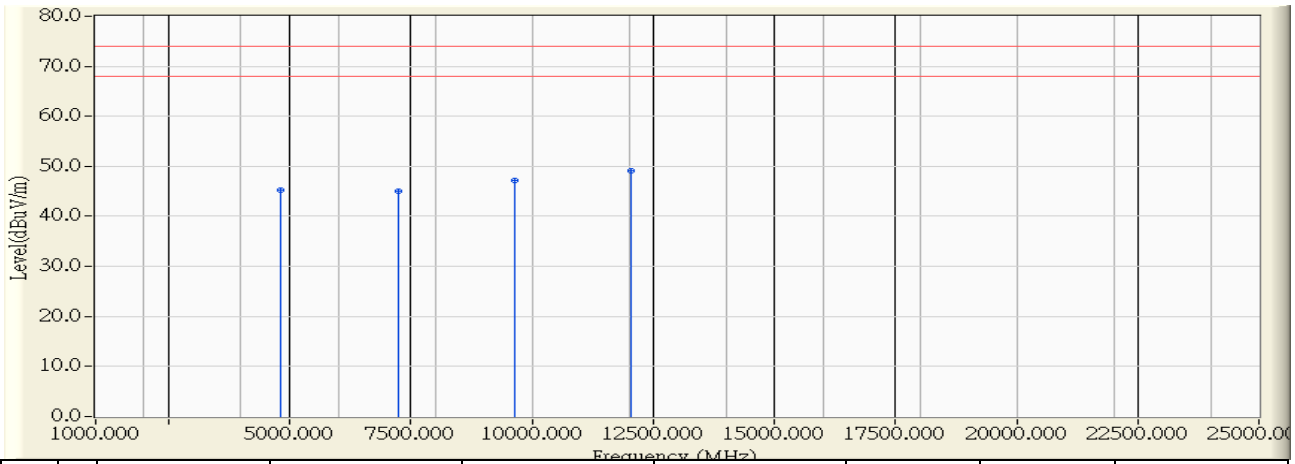
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	54.250	53.877	-0.123	54.000	AVERAGE

**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 : 2013/08/27 - 10:31
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2412MHz

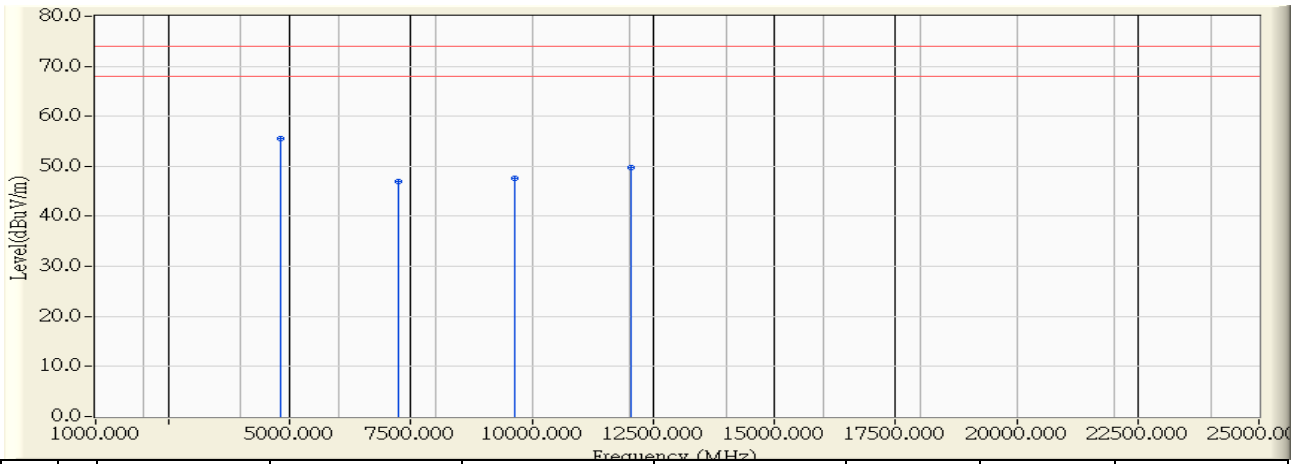


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	45.940	45.323	-28.677	74.000	PEAK
2	7236.000	5.445	39.490	44.935	-29.065	74.000	PEAK
3	9648.000	9.226	37.970	47.196	-26.804	74.000	PEAK
4	* 12060.000	11.115	38.100	49.215	-24.785	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 : 2013/08/27 - 10:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2412MHz

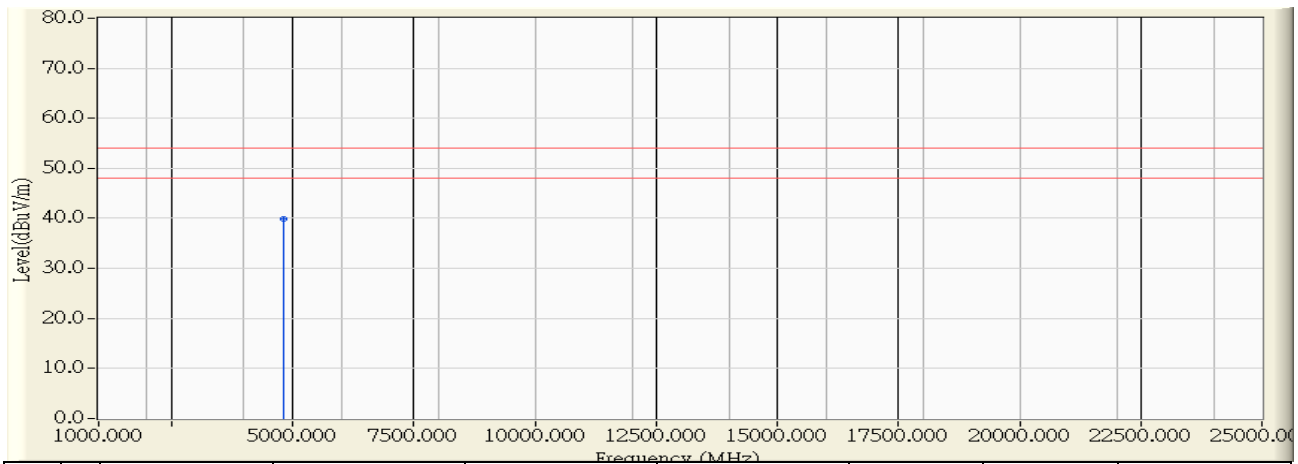


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	56.210	55.593	-18.407	74.000	PEAK
2		7236.000	5.445	41.460	46.905	-27.095	74.000	PEAK
3		9648.000	9.226	38.400	47.626	-26.374	74.000	PEAK
4		12060.000	11.115	38.680	49.795	-24.205	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 : 2013/08/27 - 10:27
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2412MHz

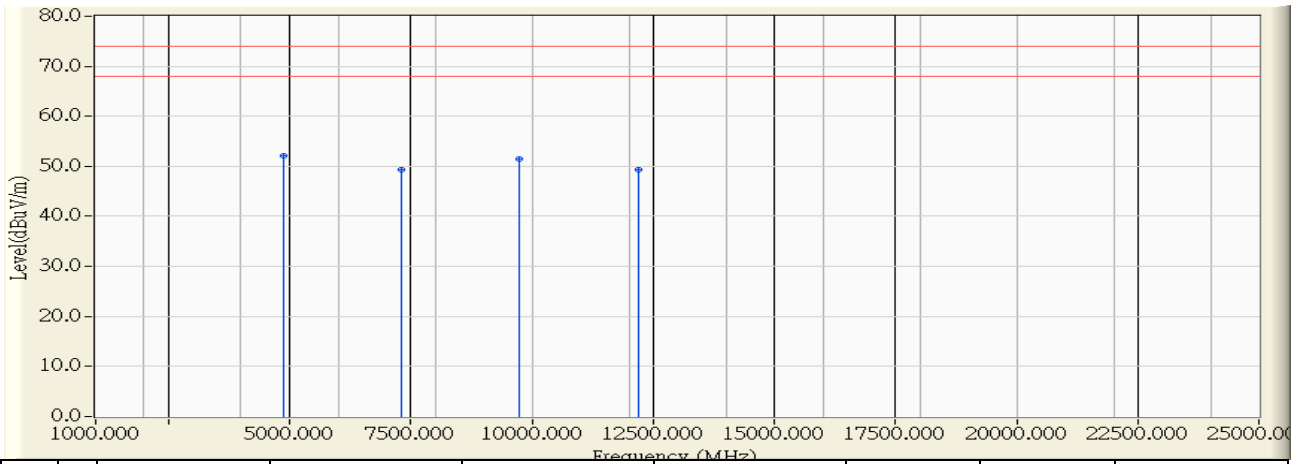


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	40.519	39.902	-14.098	54.000	AVERAGE

**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 : 2013/08/27 - 10:39
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2437MHz

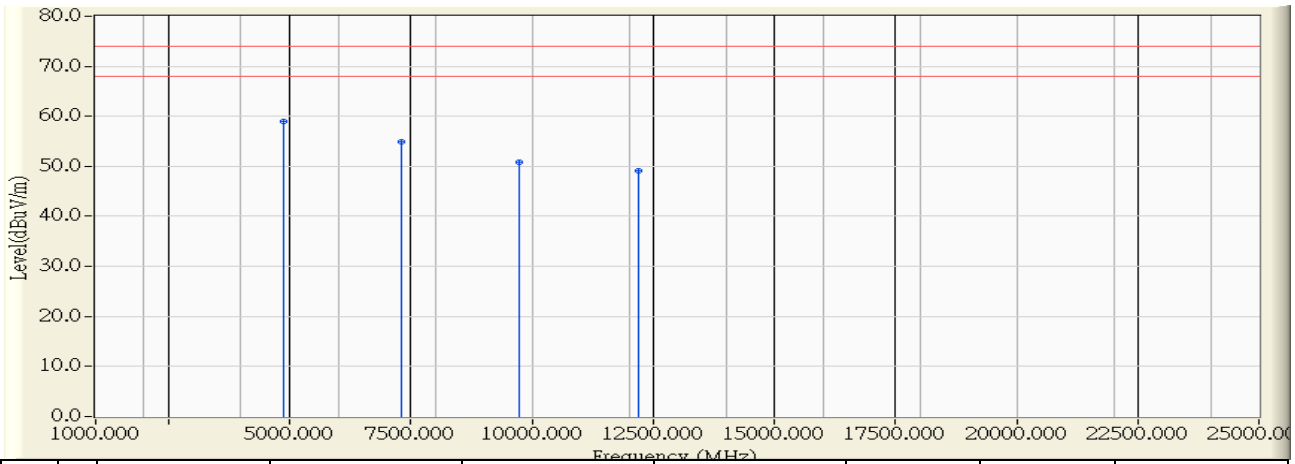


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	52.520	52.025	-21.975	74.000	PEAK
2		7311.000	5.608	43.730	49.337	-24.663	74.000	PEAK
3		9748.000	9.873	41.610	51.483	-22.517	74.000	PEAK
4		12185.000	11.058	38.360	49.418	-24.582	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 : 2013/08/27 - 10:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2437MHz

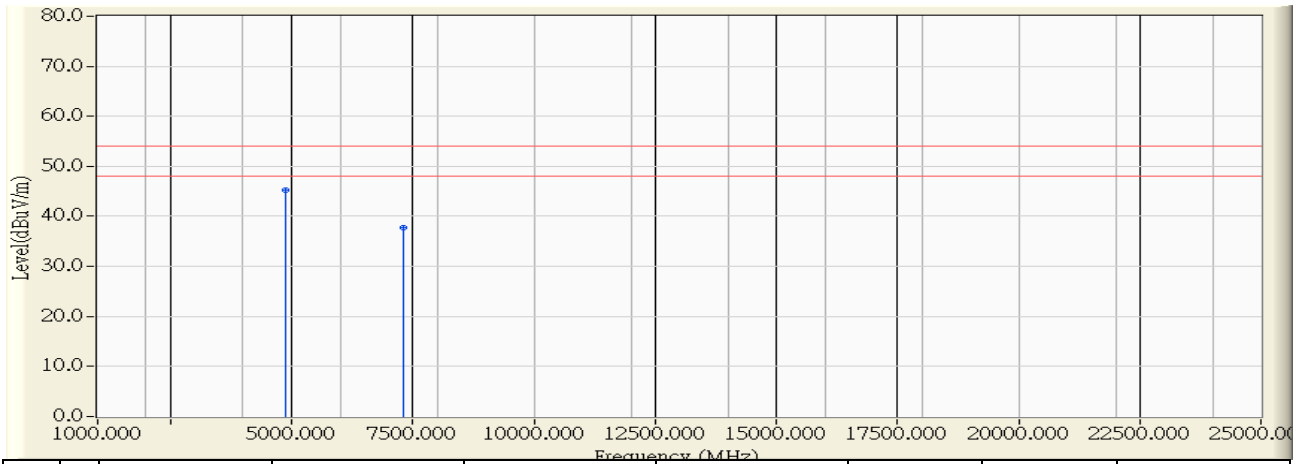


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	59.440	58.945	-15.055	74.000	PEAK
2		7311.000	5.608	49.350	54.957	-19.043	74.000	PEAK
3		9748.000	9.873	41.050	50.923	-23.077	74.000	PEAK
4		12185.000	11.058	38.120	49.178	-24.822	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 : 2013/08/27 - 10:34
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2437MHz

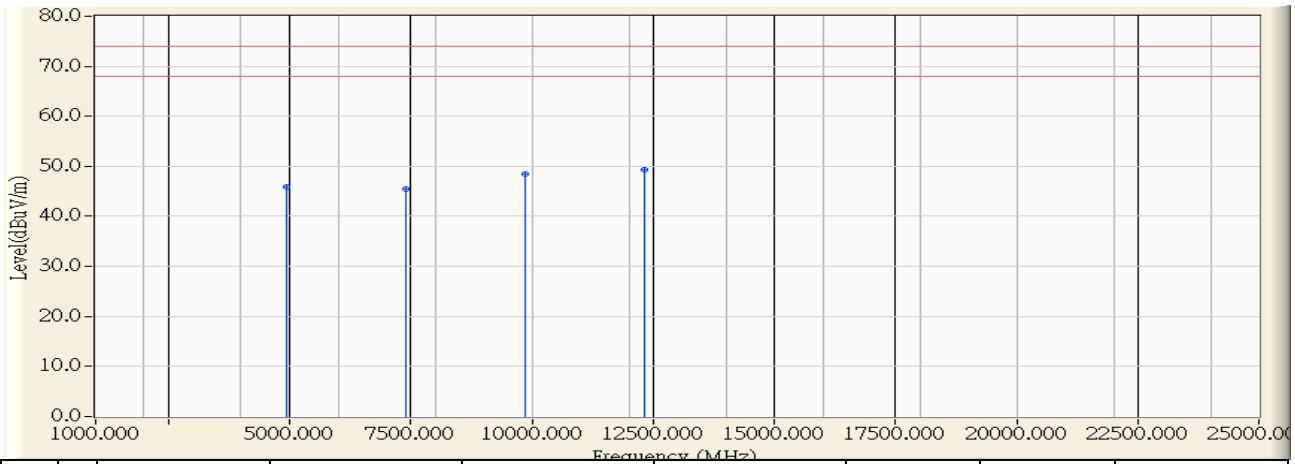


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	45.790	45.295	-8.705	54.000	AVERAGE
2		7311.000	5.608	32.150	37.757	-16.243	54.000	AVERAGE

**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 : 2013/08/27 - 10:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2462MHz



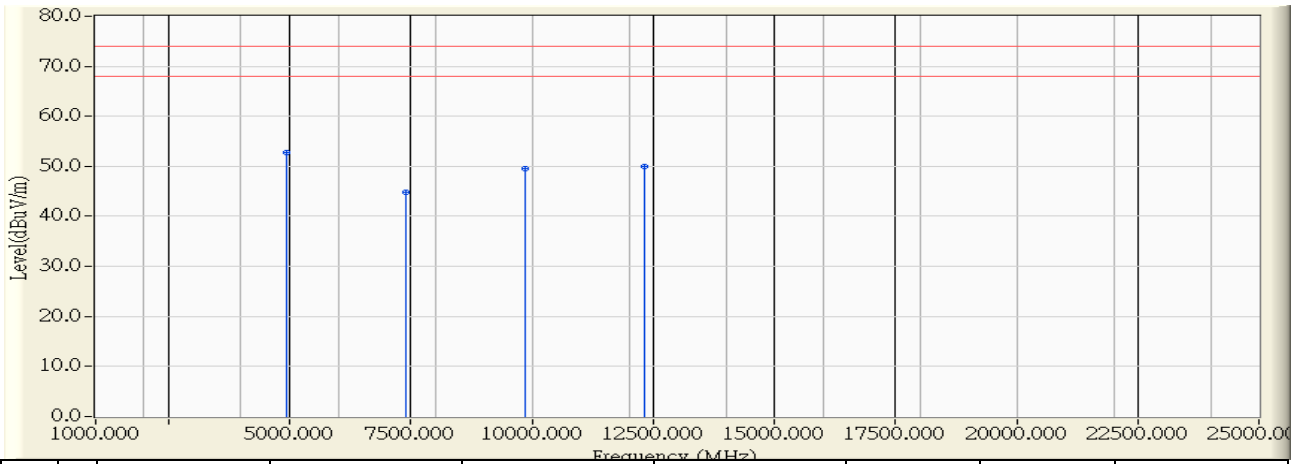
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	46.250	45.877	-28.123	74.000	PEAK
2	7386.000	5.770	39.700	45.470	-28.530	74.000	PEAK
3	9848.000	10.521	37.850	48.371	-25.629	74.000	PEAK
4	* 12310.000	11.001	38.400	49.401	-24.599	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 : 2013/08/27 - 10:45
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g 2462MHz

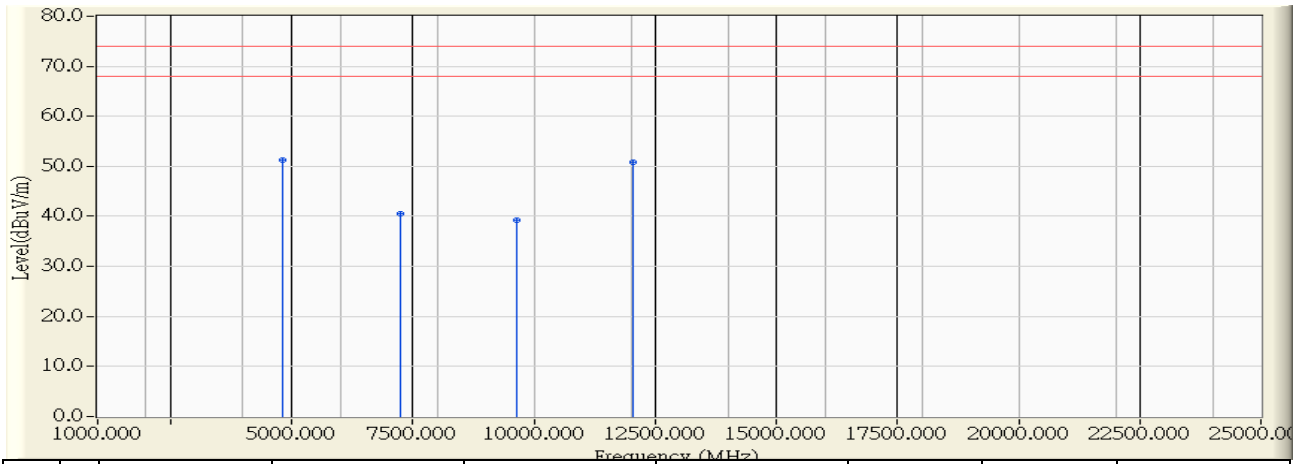


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	53.140	52.767	-21.233	74.000	PEAK
2		7386.000	5.770	39.150	44.920	-29.080	74.000	PEAK
3		9848.000	10.521	38.960	49.481	-24.519	74.000	PEAK
4		12310.000	11.001	39.020	50.021	-23.979	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 : 2013/08/27 - 16:52
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2412MHz

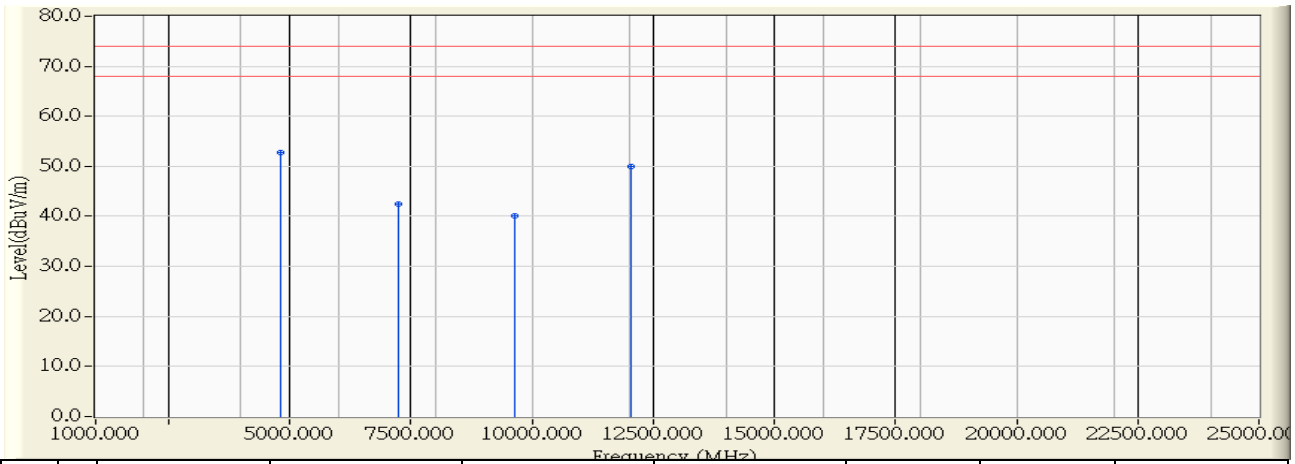


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	51.872	51.255	-22.745	74.000	PEAK
2		7236.000	5.445	35.075	40.520	-33.480	74.000	PEAK
3		9648.000	9.226	29.994	39.220	-34.780	74.000	PEAK
4		12060.000	11.115	39.626	50.741	-23.259	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 : 2013/08/27 - 16:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2412MHz

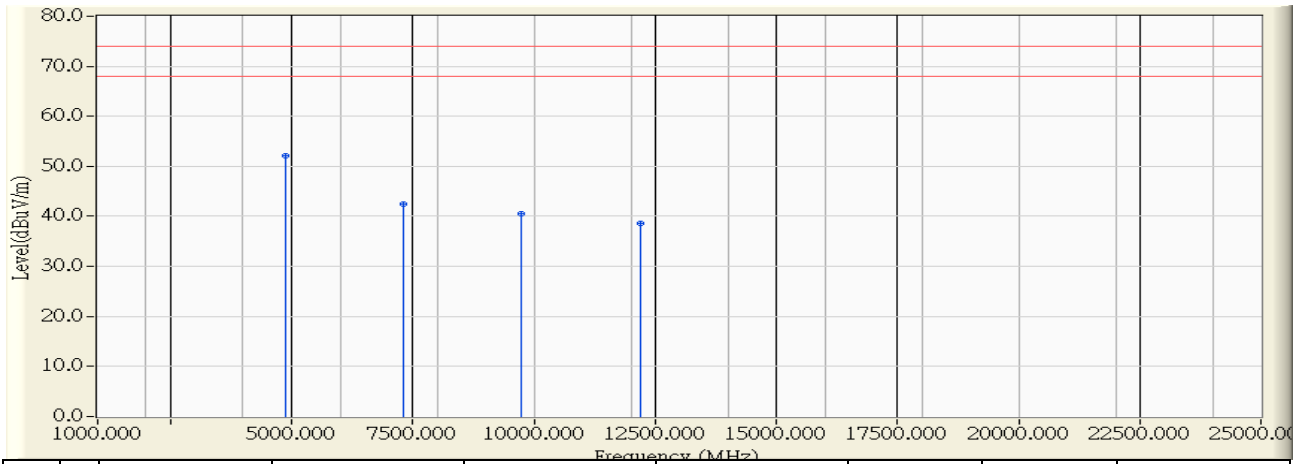


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	53.437	52.820	-21.180	74.000	PEAK
2		7236.000	5.445	37.110	42.555	-31.445	74.000	PEAK
3		9648.000	9.226	30.974	40.200	-33.800	74.000	PEAK
4		12060.000	11.115	38.772	49.887	-24.113	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 : 2013/08/27 - 17:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2437MHz

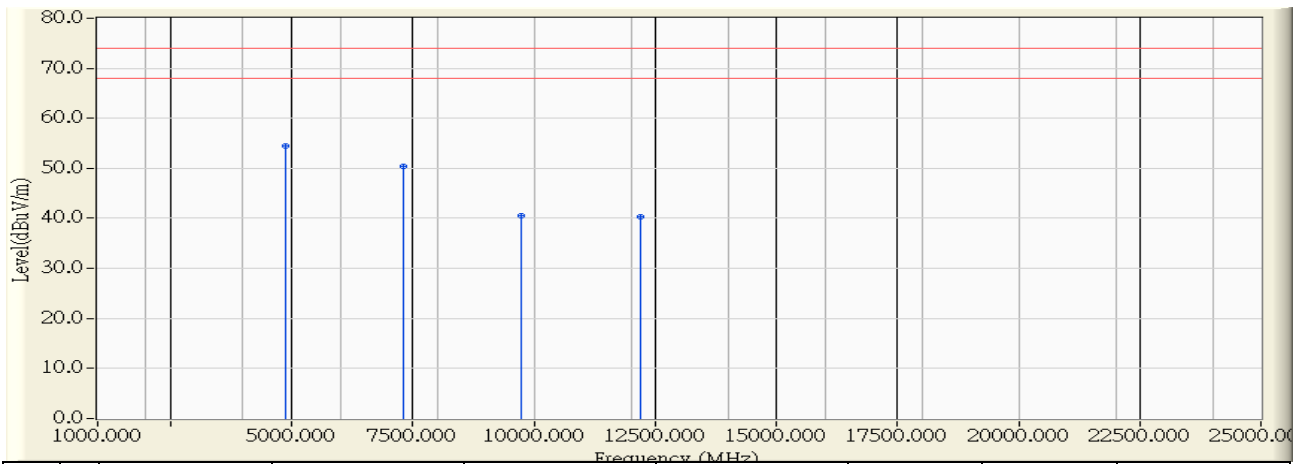


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	52.605	52.110	-21.890	74.000	PEAK
2		7311.000	5.608	36.834	42.441	-31.559	74.000	PEAK
3		9748.000	9.873	30.748	40.621	-33.379	74.000	PEAK
4		12185.000	11.058	27.482	38.540	-35.460	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 : 2013/08/27 – 17:09
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2437MHz

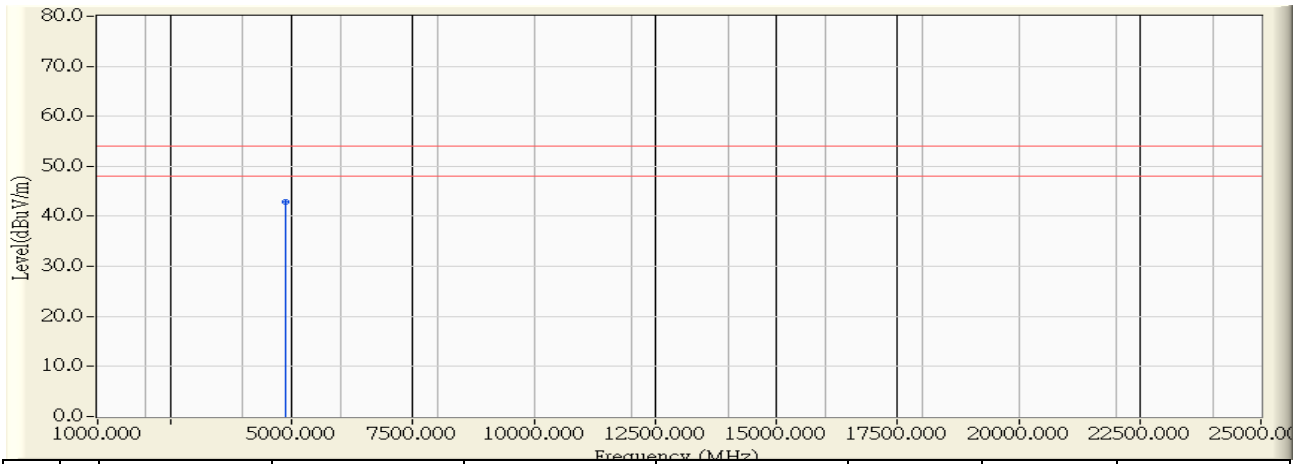


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	54.995	54.500	-19.500	74.000	PEAK
2		7311.000	5.608	44.713	50.320	-23.680	74.000	PEAK
3		9748.000	9.873	30.707	40.580	-33.420	74.000	PEAK
4		12185.000	11.058	29.252	40.310	-33.690	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 : 2013/08/27 - 17:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2437MHz

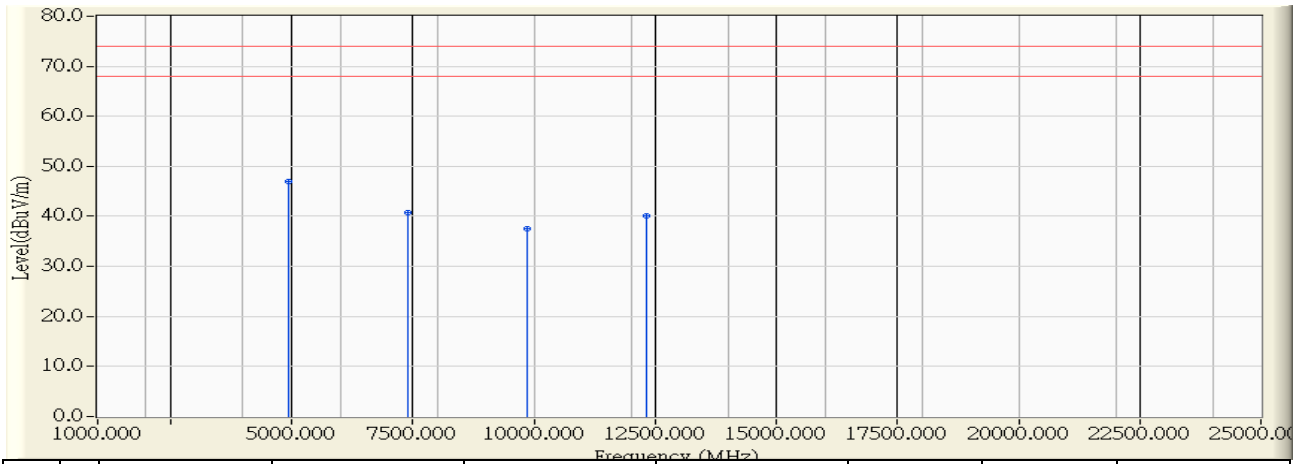


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	43.365	42.870	-11.130	54.000	AVERAGE

**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 : 2013/08/27 – 17:15
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2462MHz



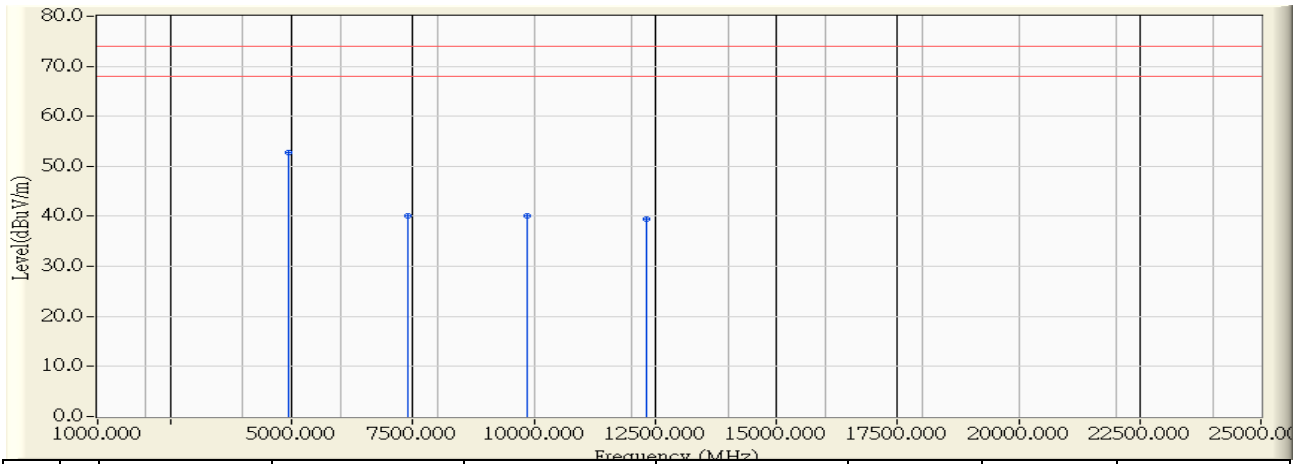
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	47.263	46.890	-27.110	74.000	PEAK
2		7386.000	5.770	35.080	40.850	-33.150	74.000	PEAK
3		9848.000	10.521	27.029	37.550	-36.450	74.000	PEAK
4		12310.000	11.001	29.209	40.210	-33.790	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 : 2013/08/27 – 17:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 2462MHz

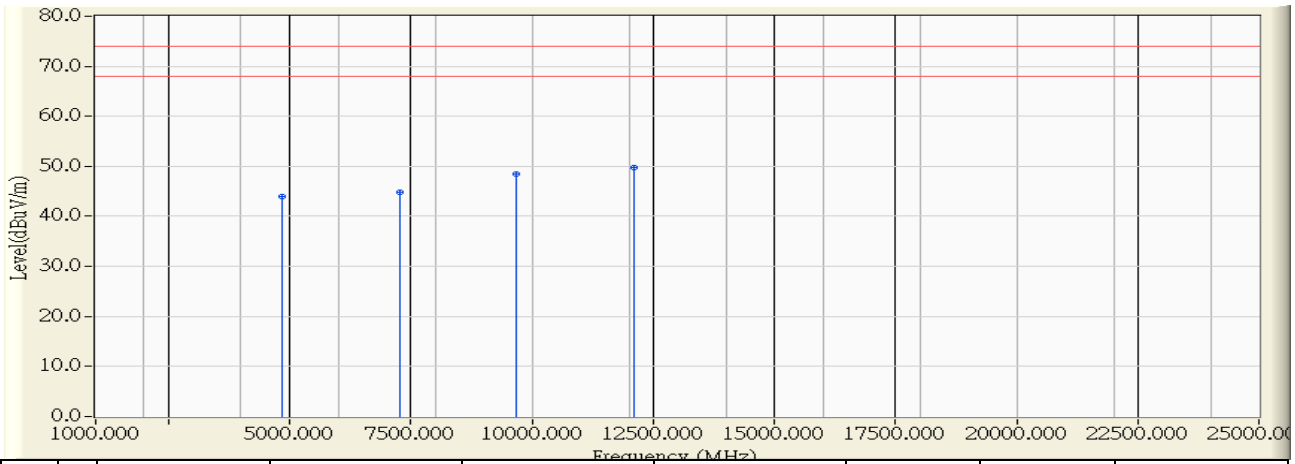


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	53.113	52.740	-21.260	74.000	PEAK
2		7386.000	5.770	34.350	40.120	-33.880	74.000	PEAK
3		9848.000	10.521	29.689	40.210	-33.790	74.000	PEAK
4		12310.000	11.001	28.539	39.540	-34.460	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 : 2013/08/27 - 10:52
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2422MHz

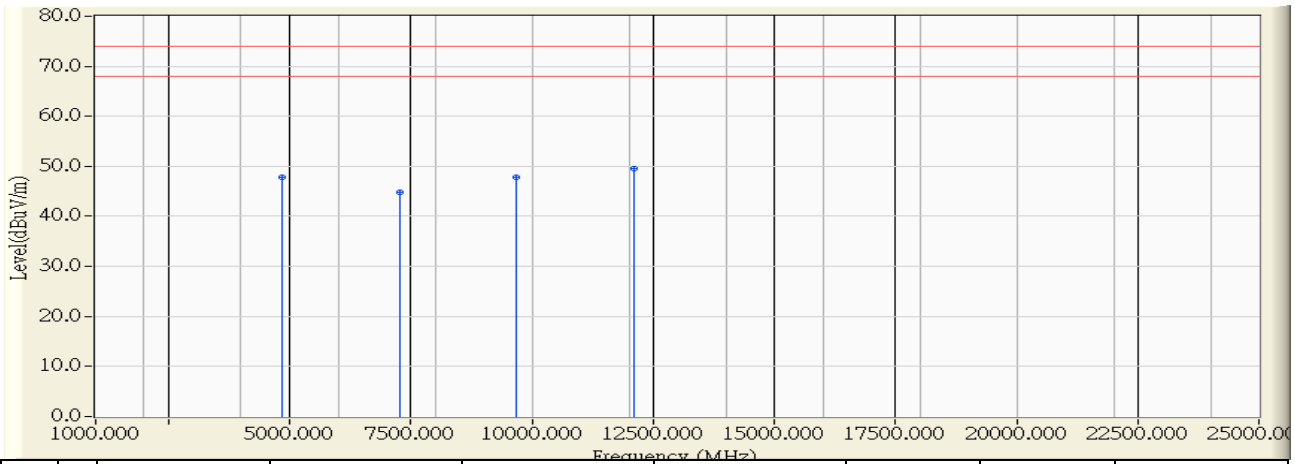


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4844.000	-0.568	44.430	43.862	-30.138	74.000	PEAK
2	7266.000	5.510	39.370	44.880	-29.120	74.000	PEAK
3	9688.000	9.485	39.080	48.565	-25.435	74.000	PEAK
4	* 12110.000	11.093	38.680	49.773	-24.227	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 : 2013/08/27 - 10:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2422MHz

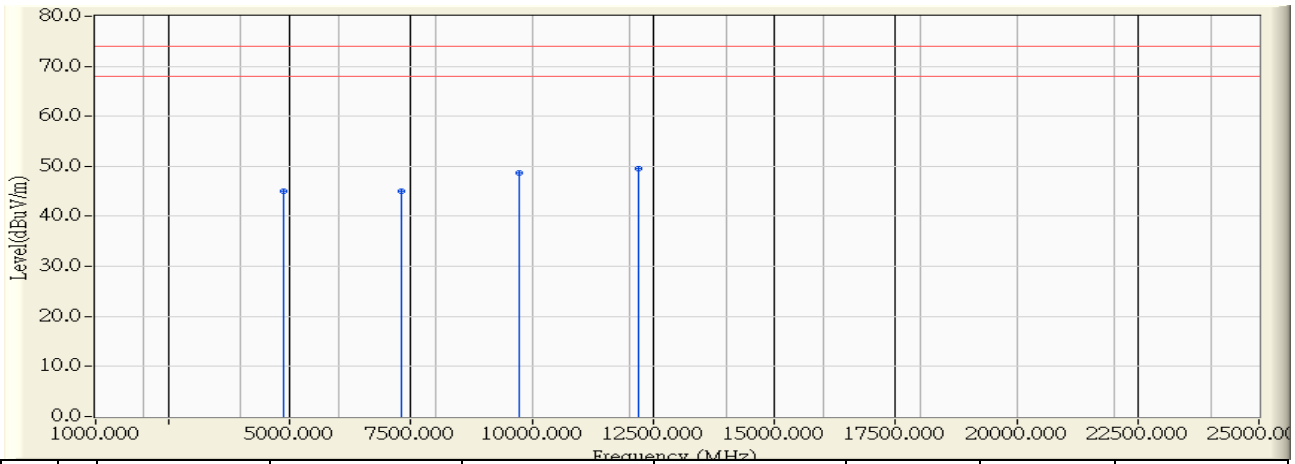


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4844.000	-0.568	48.420	47.852	-26.148	74.000	PEAK
2	7266.000	5.510	39.210	44.720	-29.280	74.000	PEAK
3	9688.000	9.485	38.400	47.885	-26.115	74.000	PEAK
4	* 12110.000	11.093	38.390	49.483	-24.517	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 : 2013/08/27 - 10:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2437MHz

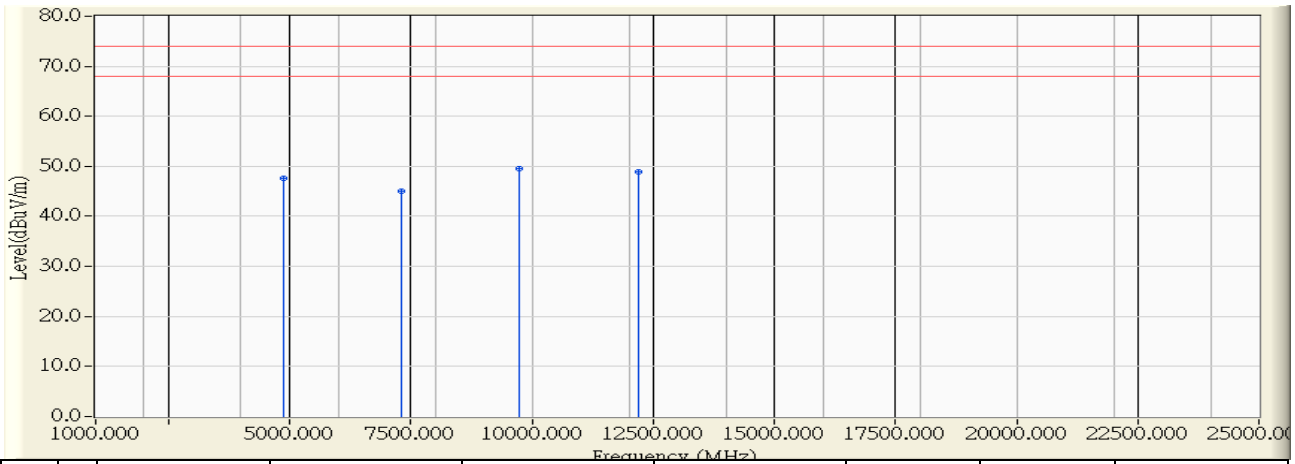


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	45.450	44.955	-29.045	74.000	PEAK
2	7311.000	5.608	39.360	44.967	-29.033	74.000	PEAK
3	9748.000	9.873	38.820	48.693	-25.307	74.000	PEAK
4	* 12185.000	11.058	38.490	49.548	-24.452	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 : 2013/08/27 - 10:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2437MHz

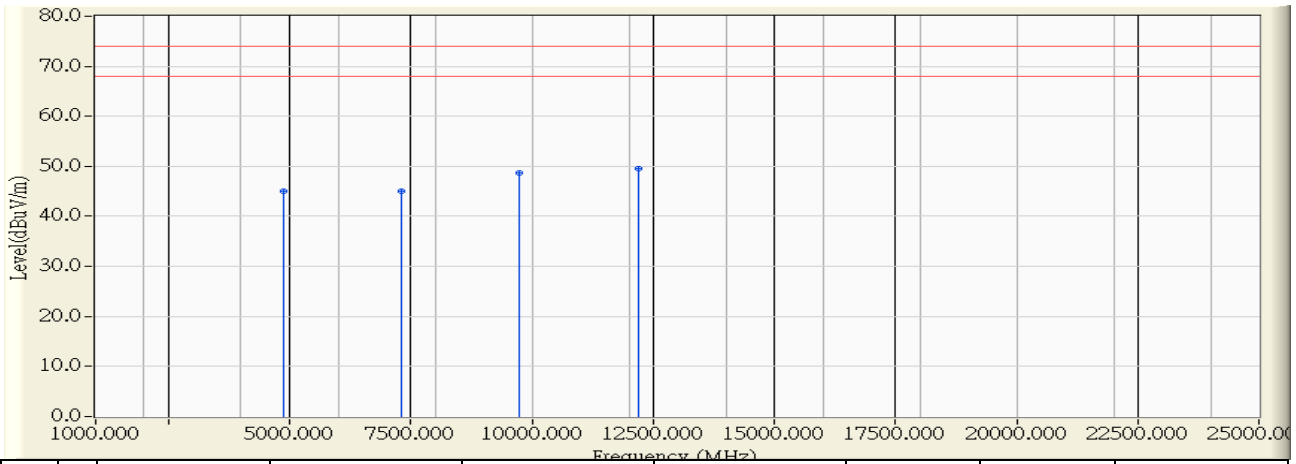


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	48.140	47.645	-26.355	74.000	PEAK
2	7311.000	5.608	39.430	45.037	-28.963	74.000	PEAK
3	* 9748.000	9.873	39.680	49.553	-24.447	74.000	PEAK
4	12185.000	11.058	37.850	48.908	-25.092	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 : 2013/08/27 - 10:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2452MHz

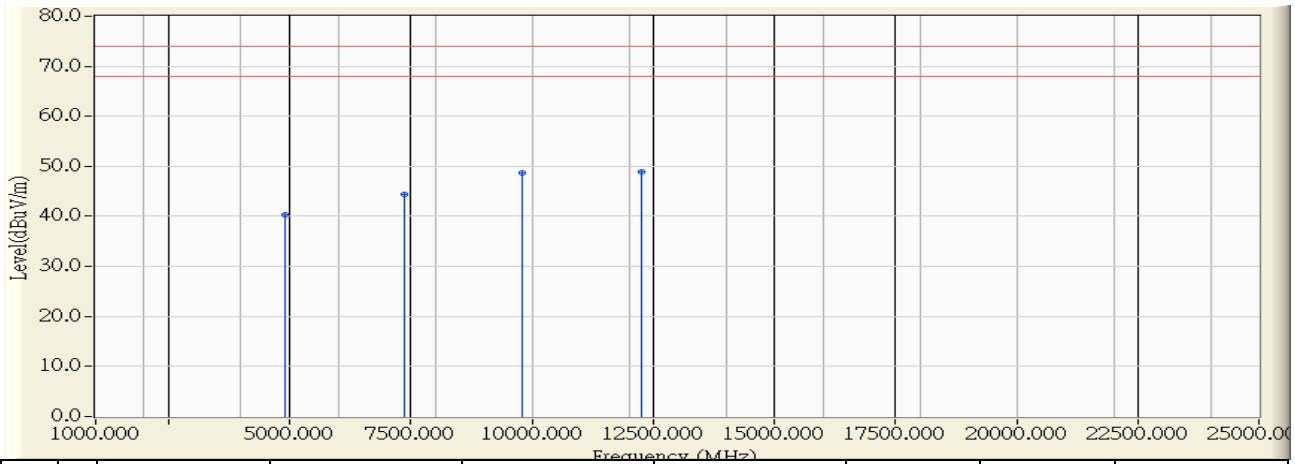


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	45.450	44.955	-29.045	74.000	PEAK
2	7311.000	5.608	39.360	44.967	-29.033	74.000	PEAK
3	9748.000	9.873	38.820	48.693	-25.307	74.000	PEAK
4	* 12185.000	11.058	38.490	49.548	-24.452	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 : 2013/08/27 - 11:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 2452MHz



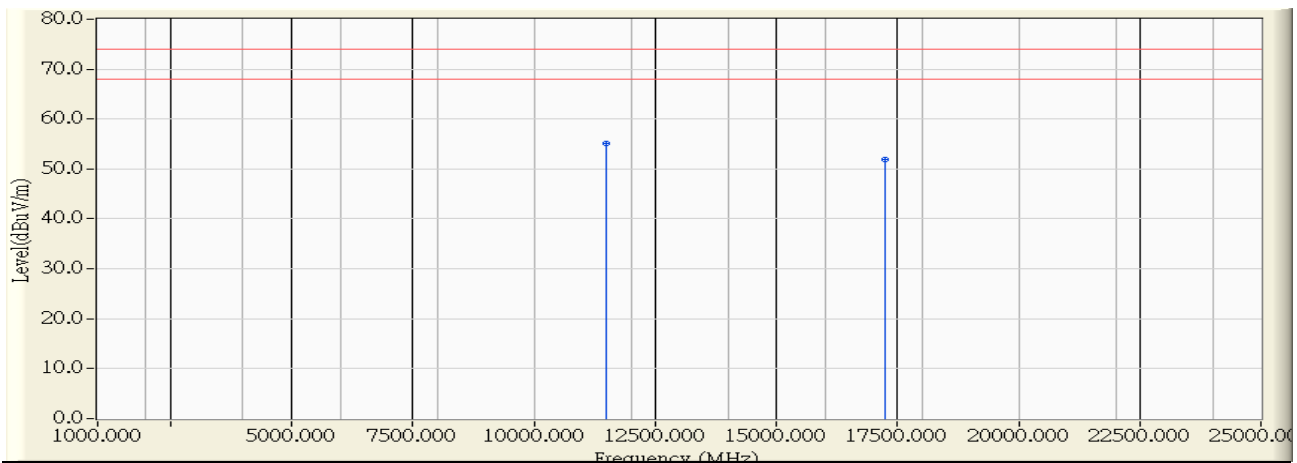
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4904.000	-0.421	40.770	40.349	-33.651	74.000	PEAK
2	7356.000	5.705	38.590	44.295	-29.705	74.000	PEAK
3	9808.000	10.262	38.370	48.632	-25.368	74.000	PEAK
4	* 12260.000	11.024	37.890	48.914	-25.086	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 : 2013/08/27 - 14:52
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5745 MHz

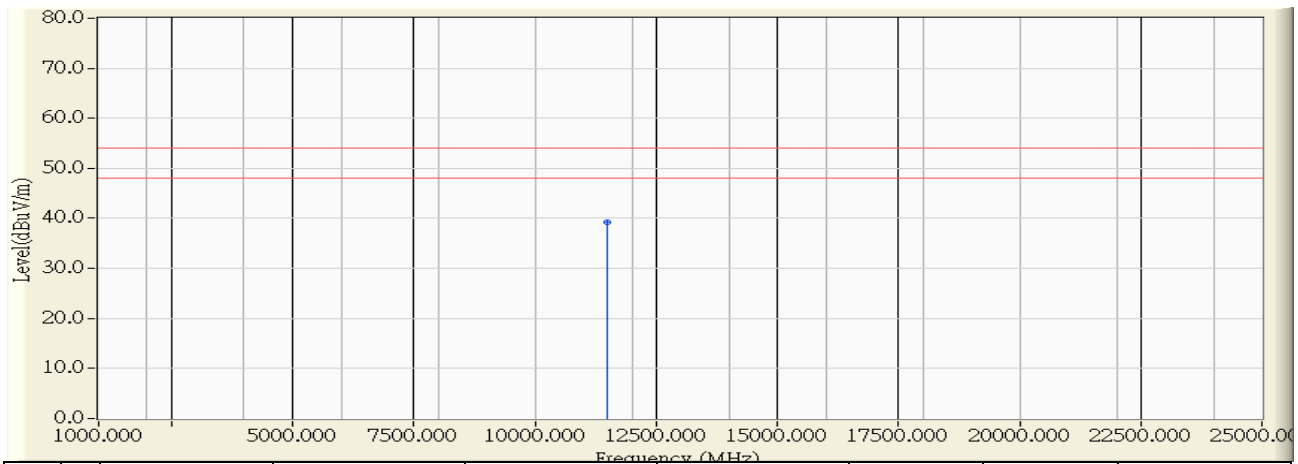


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	43.520	55.053	-18.947	74.000	PEAK
2		17235.000	15.422	36.490	51.912	-22.088	74.000	PEAK

**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 : 2013/08/27 - 14:53
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5745 MHz

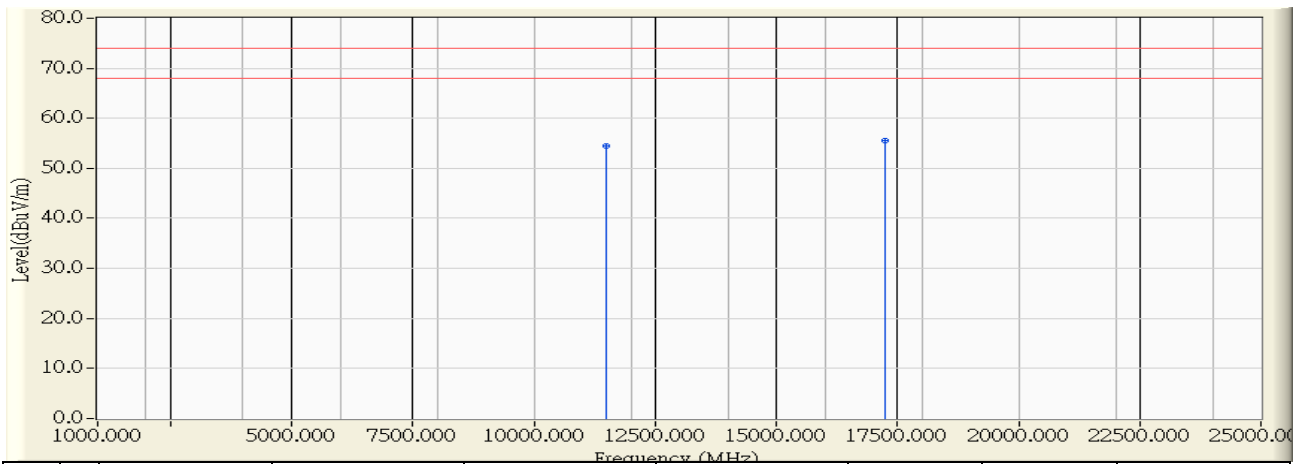


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	27.729	39.262	-14.738	54.000	AVERAGE

**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 : 2013/08/27 - 14:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5745 MHz

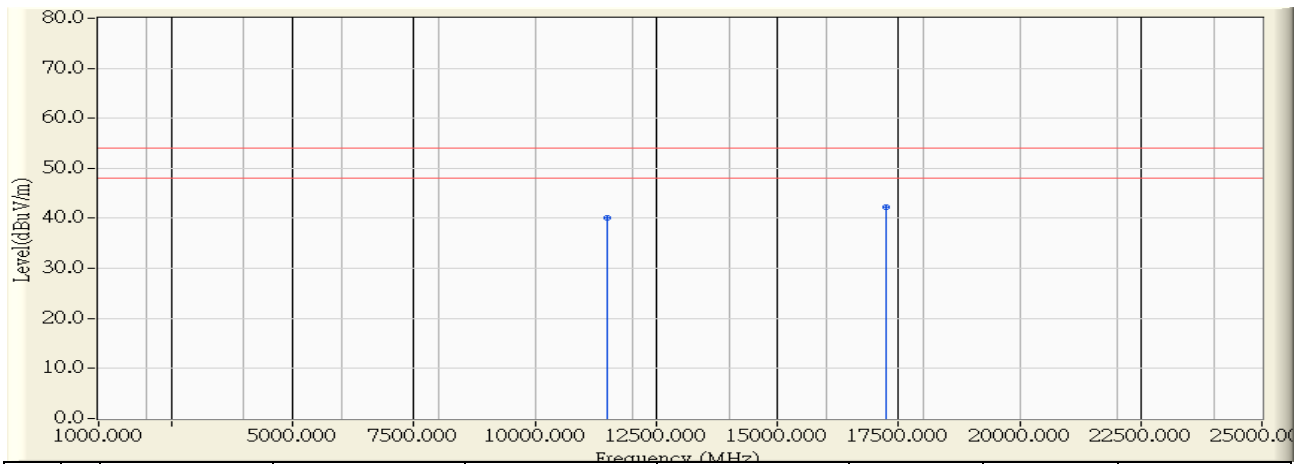


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	42.950	54.483	-19.517	74.000	PEAK
2	* 17235.000	15.422	40.220	55.642	-18.358	74.000	PEAK

**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 : 2013/08/27 - 14:57
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5745 MHz

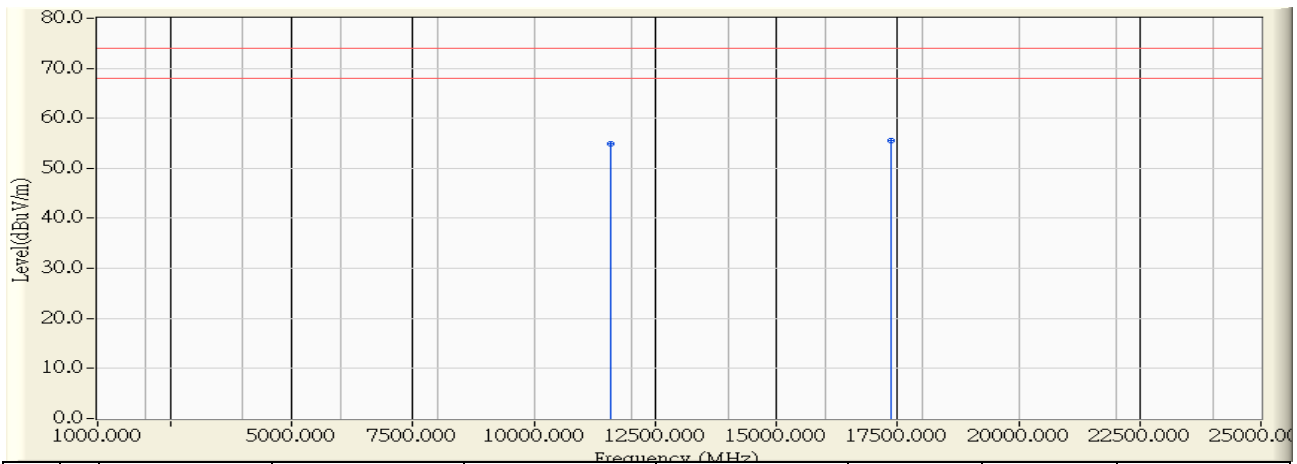


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	28.600	40.133	-13.867	54.000	AVERAGE
2	* 17235.000	15.422	26.820	42.242	-11.758	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2013/08/27 - 15:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5785 MHz

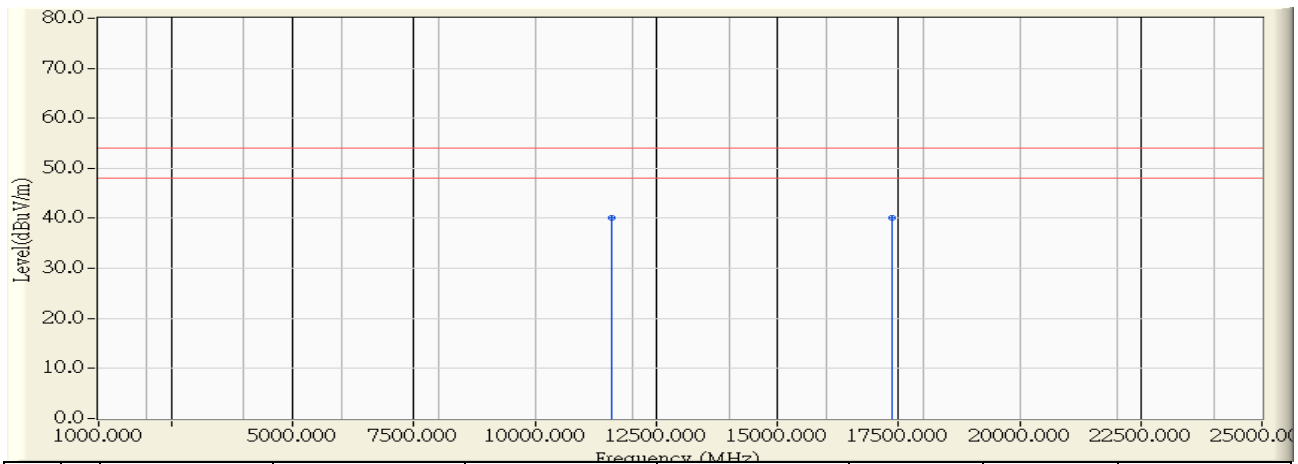


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11570.000	11.477	43.380	54.857	-19.143	74.000	PEAK
2	* 17355.000	15.974	39.600	55.574	-18.426	74.000	PEAK

**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 : 2013/08/27 - 15:02
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5785 MHz

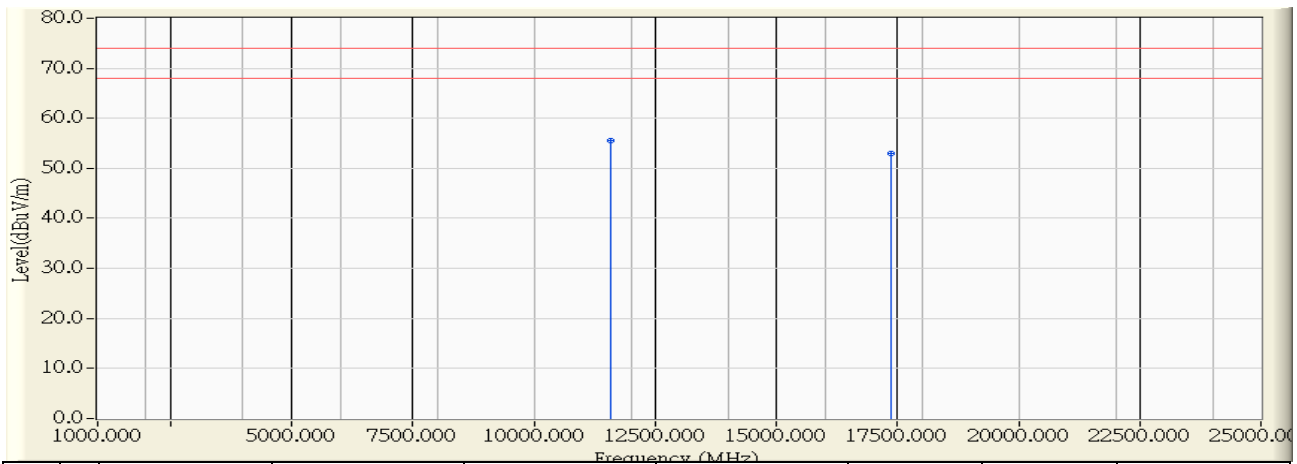


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	28.720	40.197	-13.803	54.000	AVERAGE
2		17355.000	15.974	24.080	40.054	-13.946	54.000	AVERAGE

**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 : 2013/08/27 - 15:11
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5785 MHz

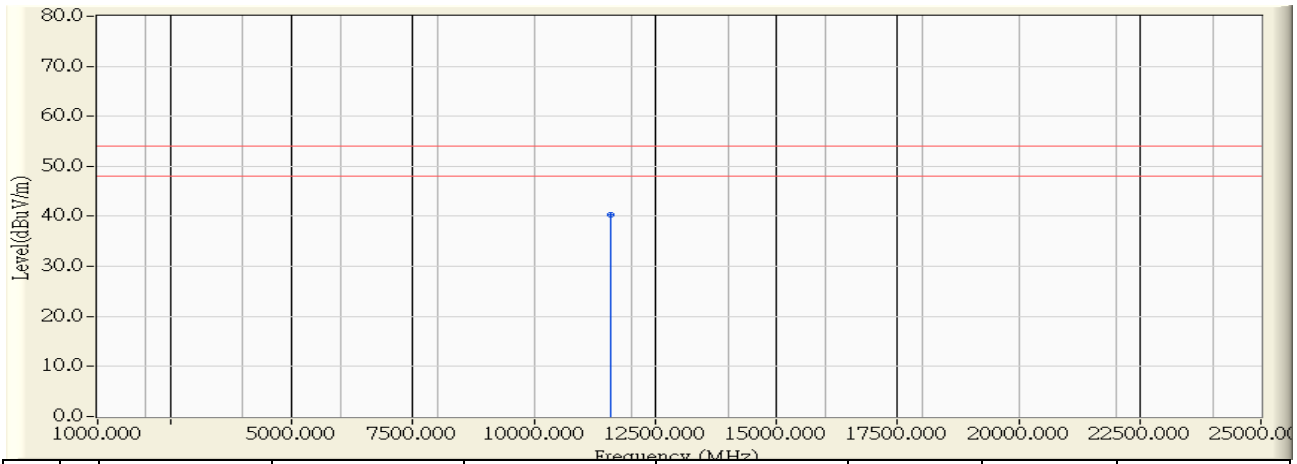


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	43.990	55.467	-18.533	74.000	PEAK
2		17355.000	15.974	36.930	52.904	-21.096	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/08/27 - 15:11
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5785 MHz



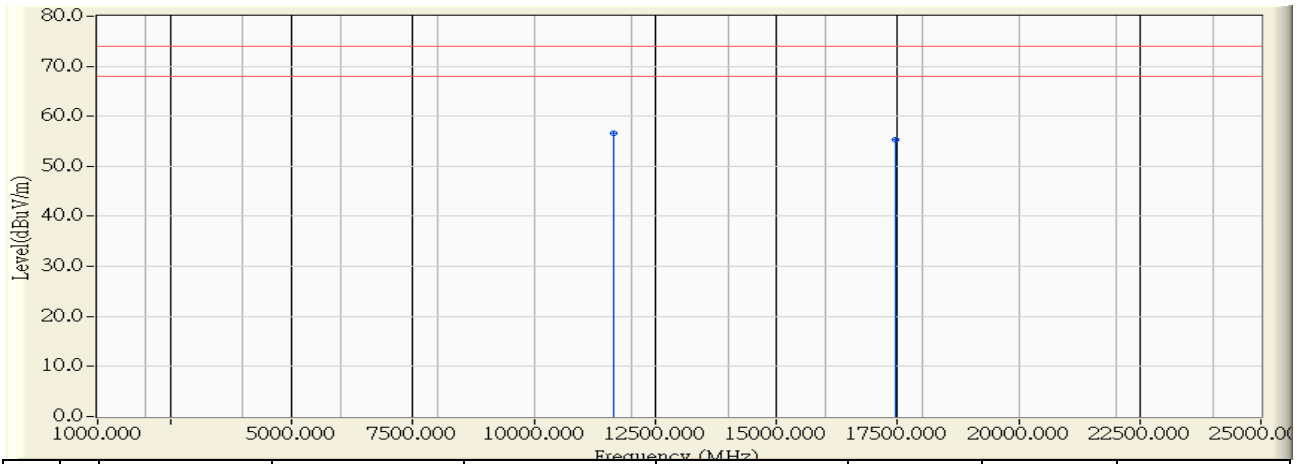
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	28.907	40.384	-13.616	54.000	AVERAGE

**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 : 2013/08/27 - 15:14
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5825 MHz

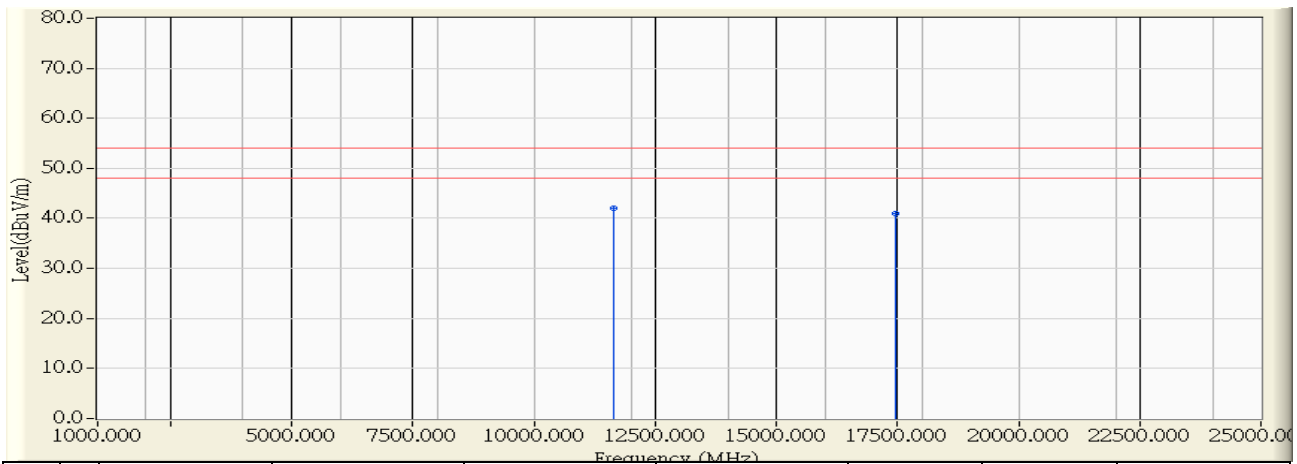


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	45.200	56.615	-17.385	74.000	PEAK
2		17475.000	16.526	38.770	55.296	-18.704	74.000	PEAK

**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 : 2013/08/27 - 15:14
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5825 MHz

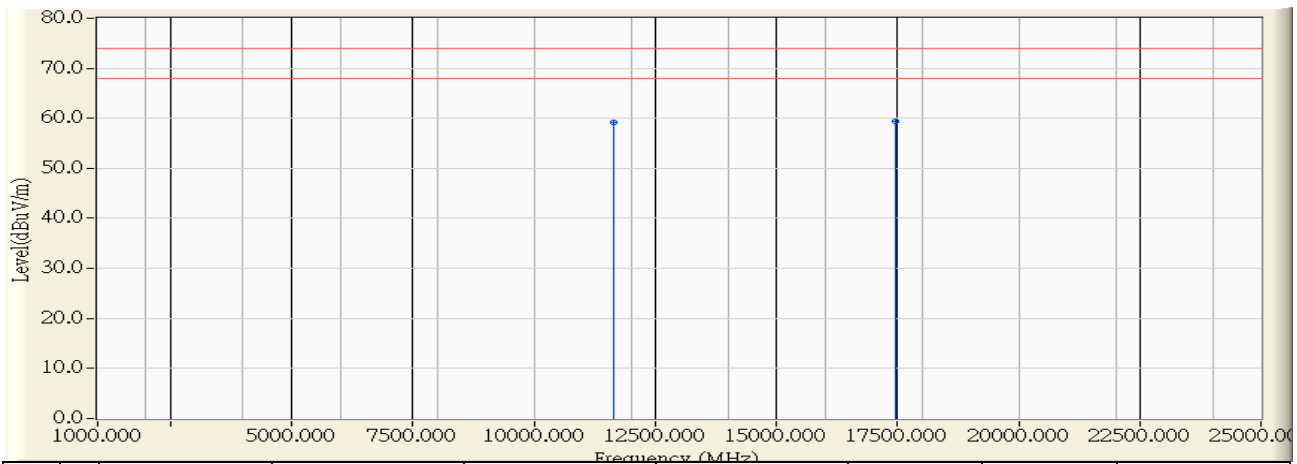


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	30.600	42.015	-11.985	54.000	AVERAGE
2		17475.000	16.526	24.410	40.936	-13.064	54.000	AVERAGE

**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 : 2013/08/27 - 15:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5825 MHz

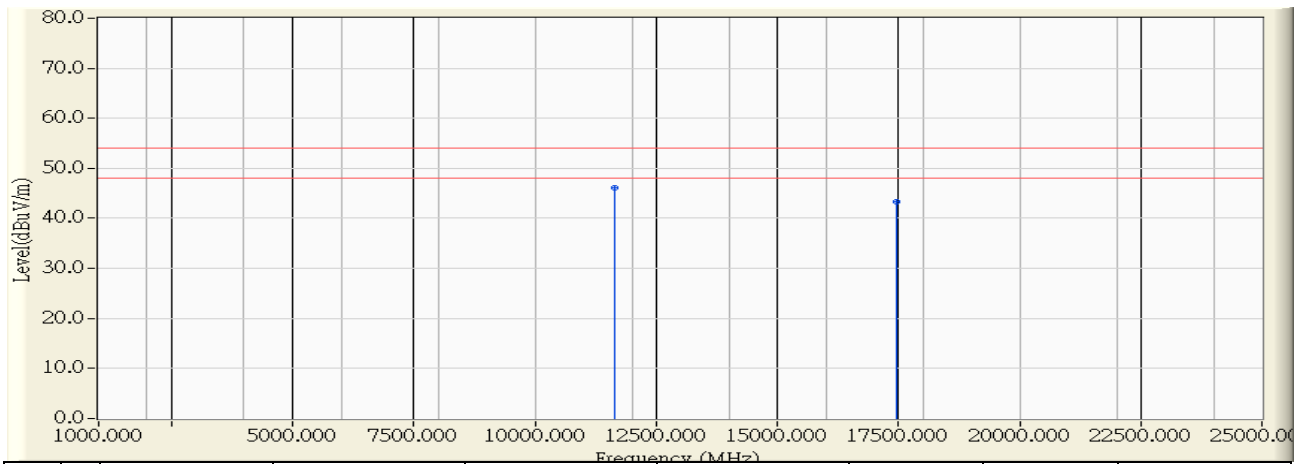


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	47.770	59.185	-14.815	74.000	PEAK
2	* 17475.000	16.526	42.840	59.366	-14.634	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/08/27 - 15:18
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5825 MHz

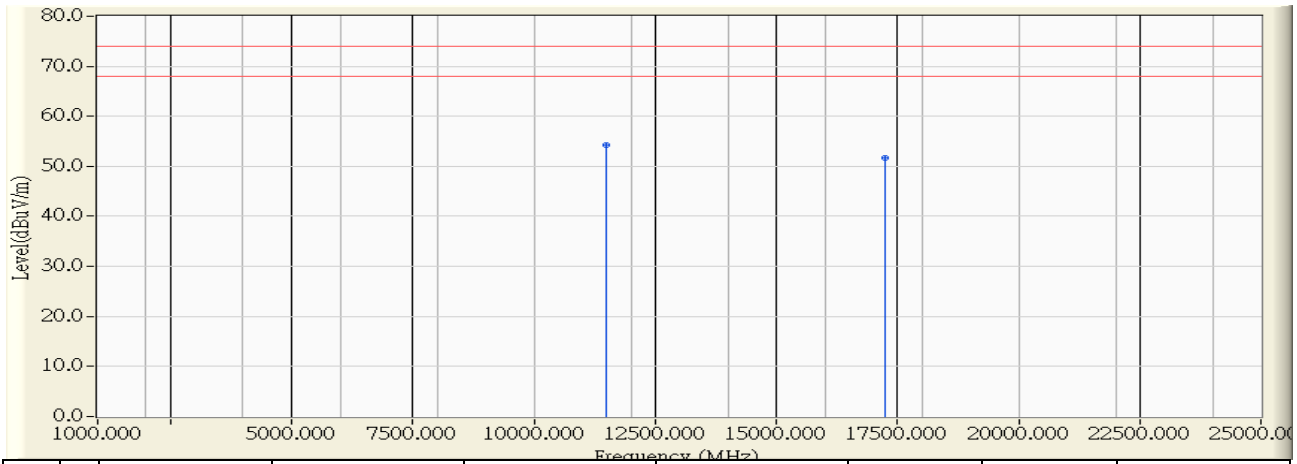


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	34.795	46.210	-7.790	54.000	AVERAGE
2		17475.000	16.526	26.840	43.366	-10.634	54.000	AVERAGE

**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 : 2013/08/27 - 15:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5745 MHz

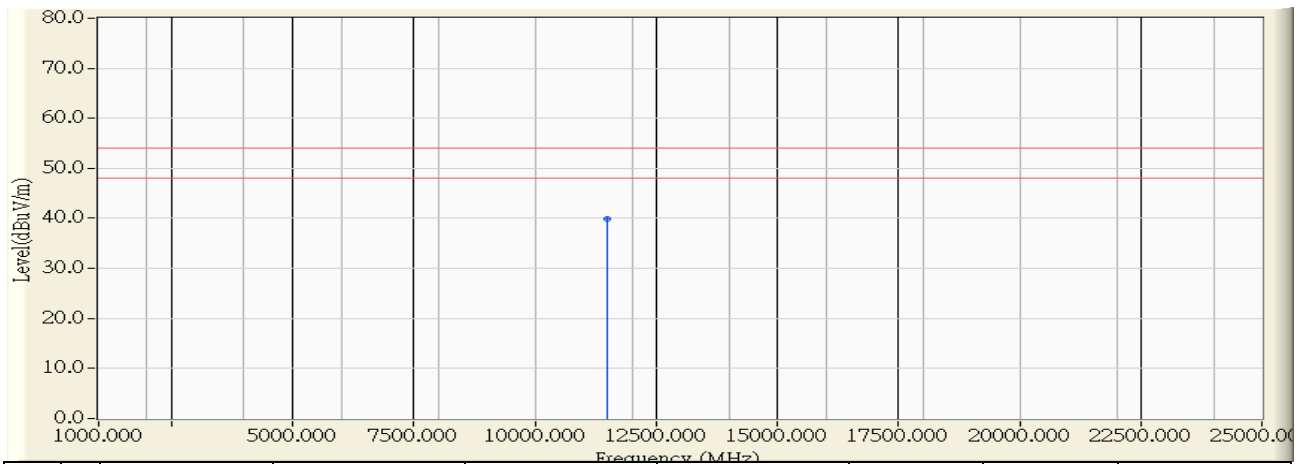


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	42.740	54.273	-19.727	74.000	PEAK
2		17235.000	15.422	36.190	51.612	-22.388	74.000	PEAK

**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 : 2013/08/27 - 15:22
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5745 MHz

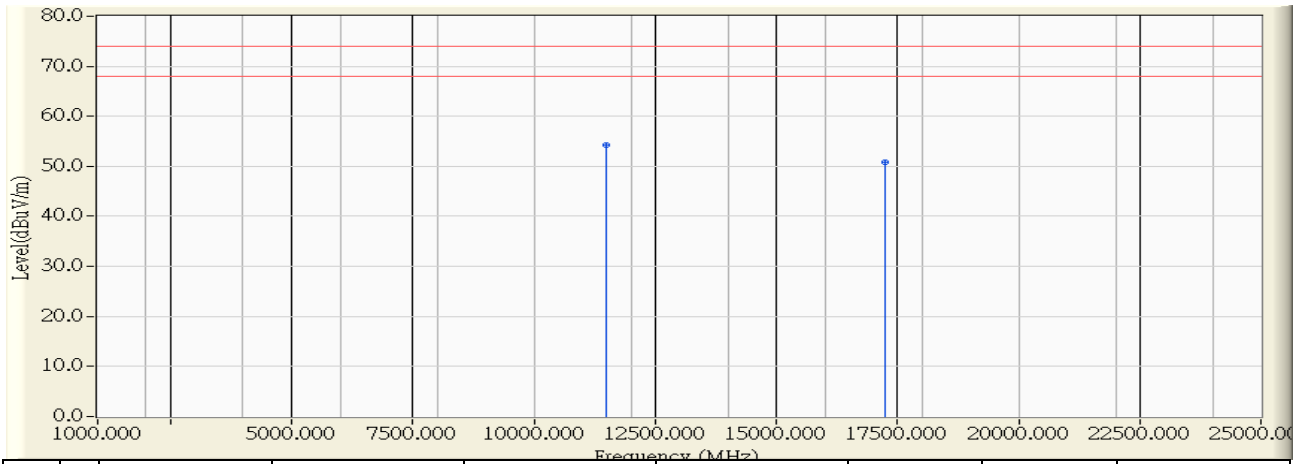


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	28.411	39.944	-14.056	54.000	AVERAGE

**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 : 2013/08/27 - 15:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5745 MHz

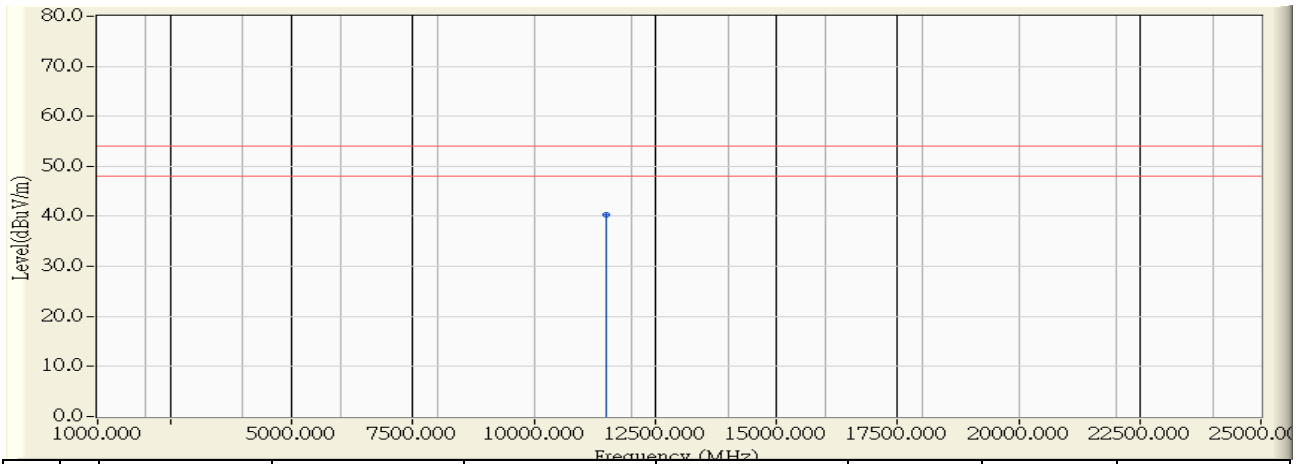


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	42.630	54.163	-19.837	74.000	PEAK
2		17235.000	15.422	35.320	50.742	-23.258	74.000	PEAK

**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 : 2013/08/27 - 15:24
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5745 MHz



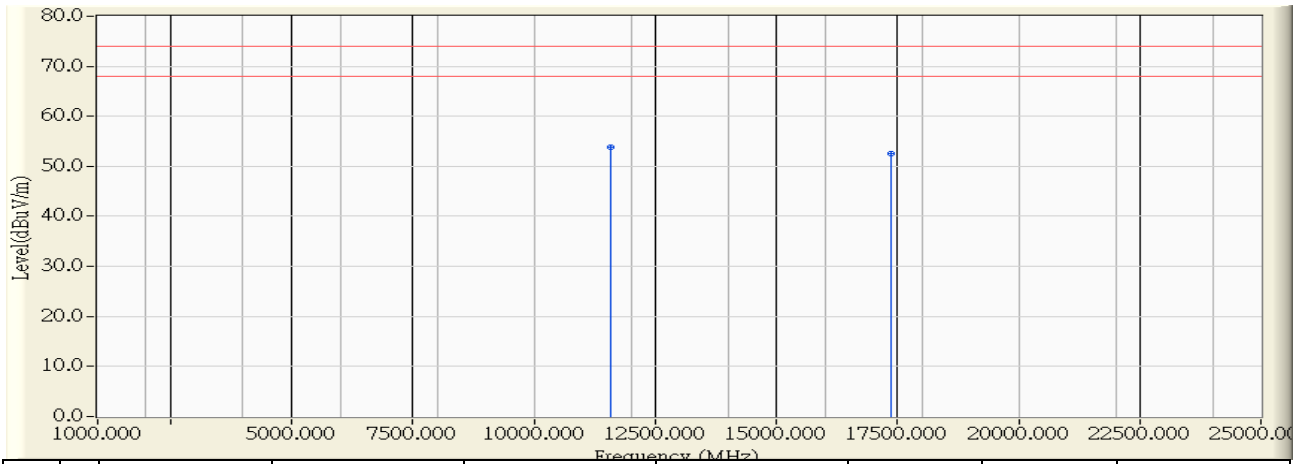
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.000	11.534	28.768	40.301	-13.699	54.000	AVERAGE

**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 : 2013/08/27 - 15:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5785 MHz

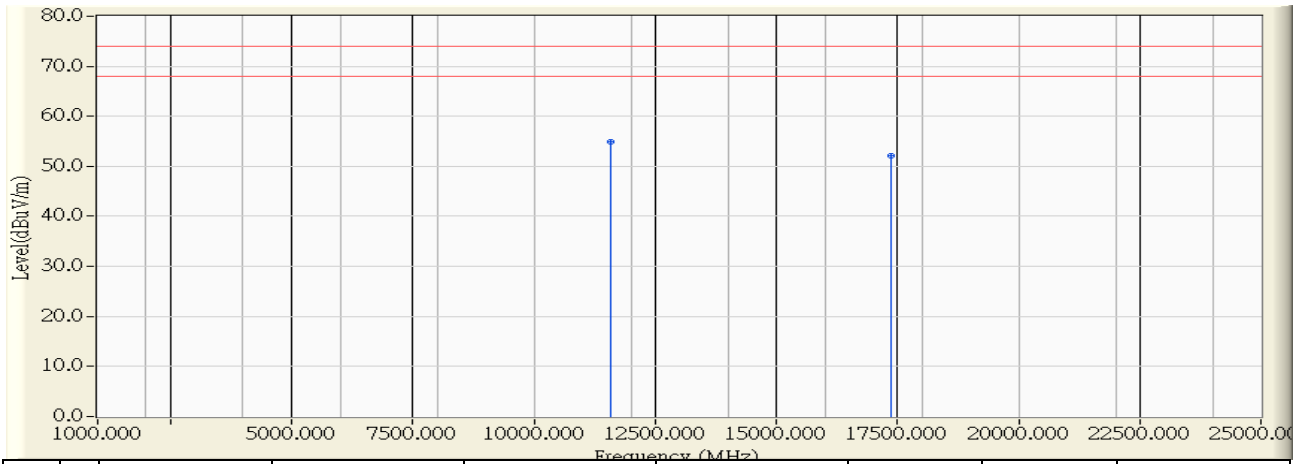


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	42.280	53.757	-20.243	74.000	PEAK
2		17355.000	15.974	36.680	52.654	-21.346	74.000	PEAK

**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 : 2013/08/27 - 15:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5785 MHz

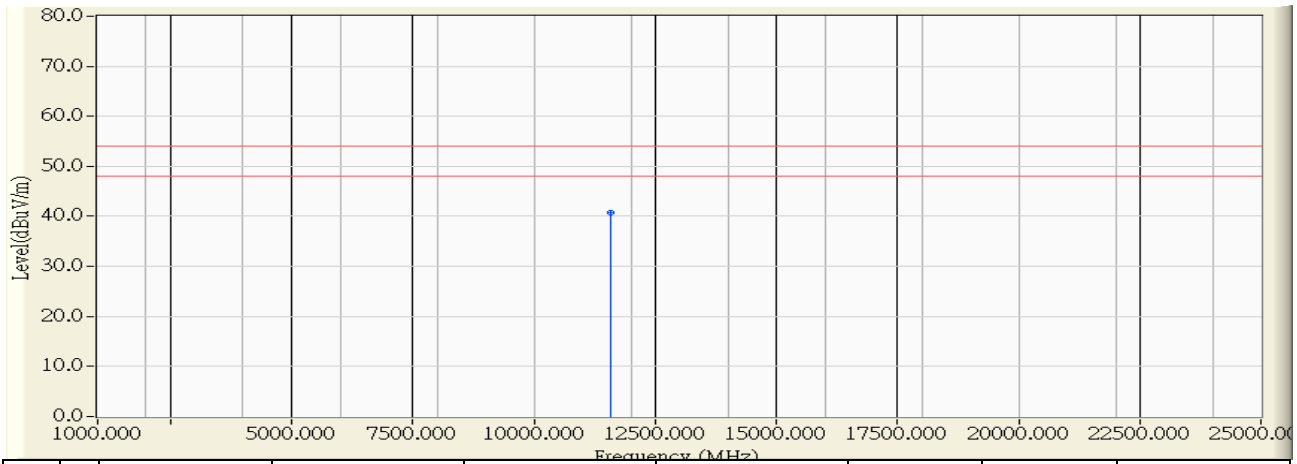


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	43.390	54.867	-19.133	74.000	PEAK
2		17355.000	15.974	36.080	52.054	-21.946	74.000	PEAK

**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 : 2013/08/27 - 15:29
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5785 MHz

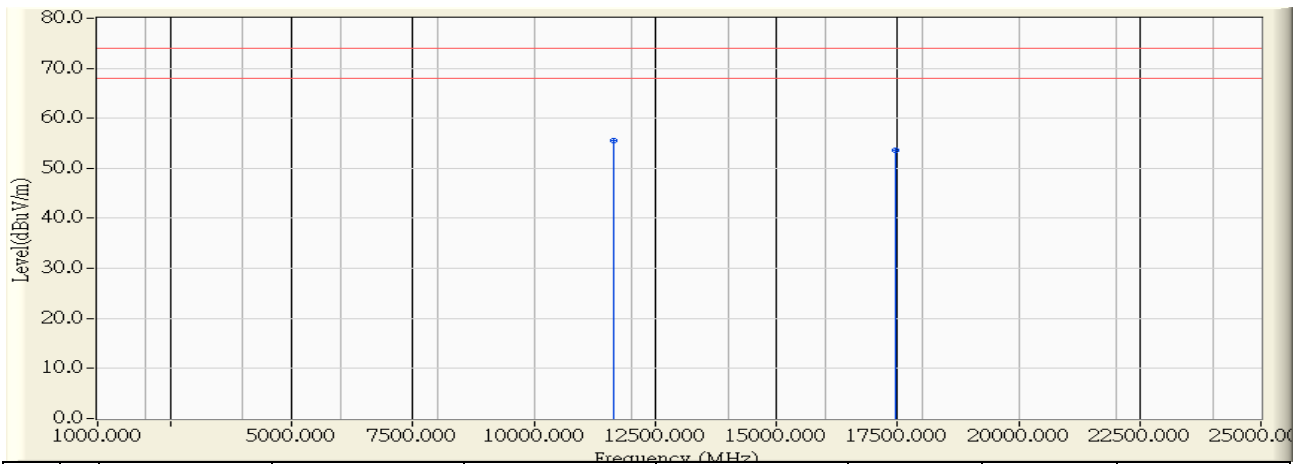


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	29.291	40.768	-13.232	54.000	AVERAGE

**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 : 2013/08/27 - 15:32
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5785 MHz

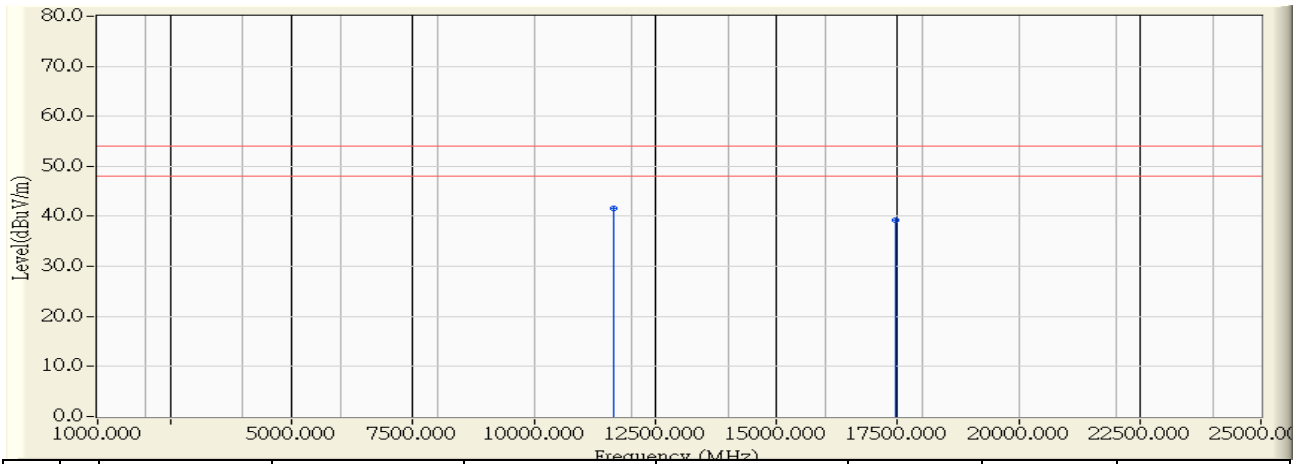


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	44.140	55.555	-18.445	74.000	PEAK
2	* 17475.000	16.526	37.070	53.596	-20.404	74.000	PEAK

**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 : 2013/08/27 - 15:32
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5825 MHz

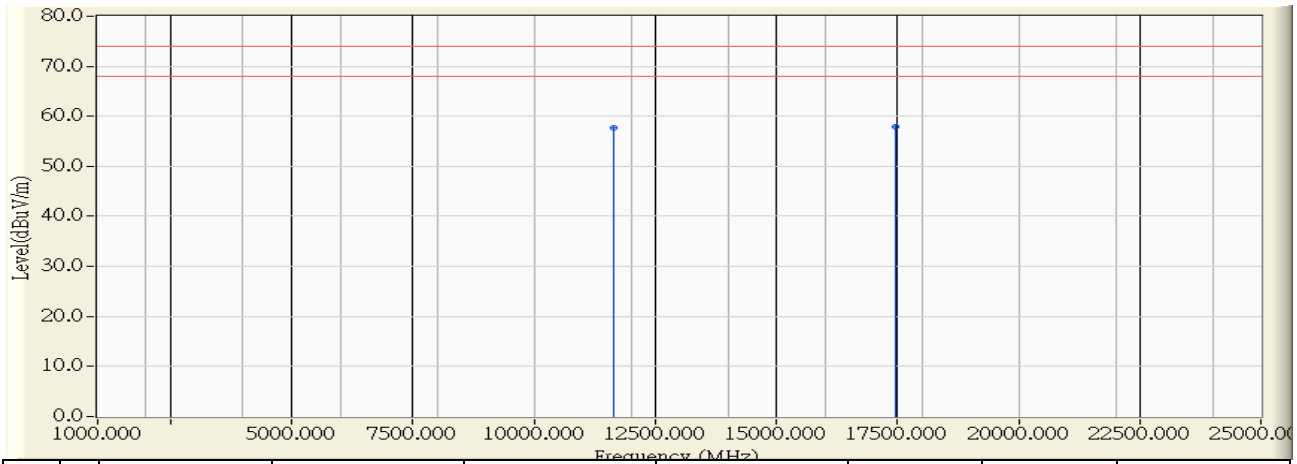


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	30.143	41.558	-12.442	54.000	AVERAGE
2		17475.000	16.526	22.793	39.319	-14.681	54.000	AVERAGE

**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 : 2013/08/27 - 15:35
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5825 MHz

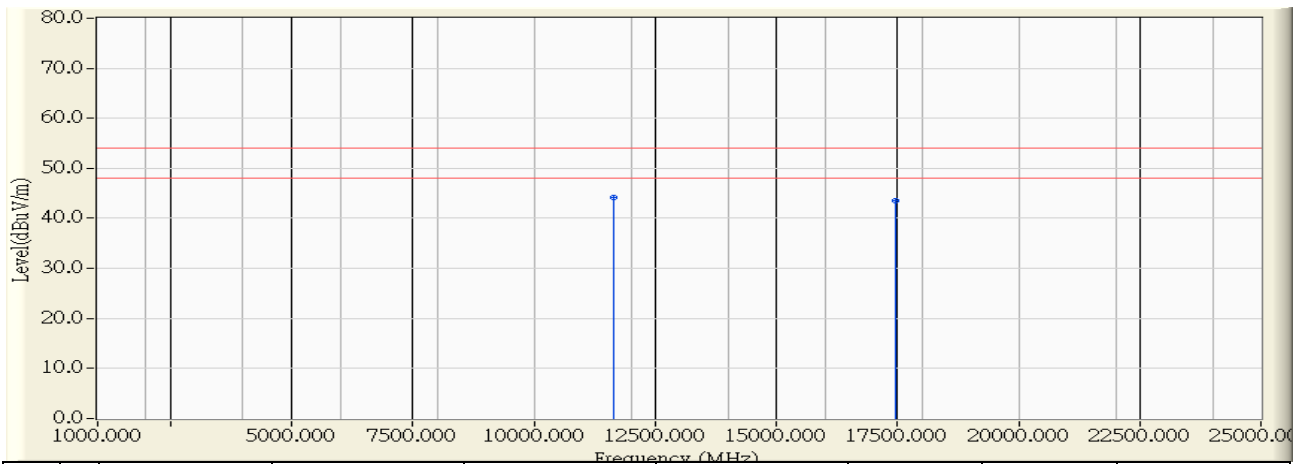


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	46.300	57.715	-16.285	74.000	PEAK
2	* 17474.000	16.521	41.430	57.951	-16.049	74.000	PEAK

**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 : 2013/08/27 - 15:36
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n20 5825 MHz

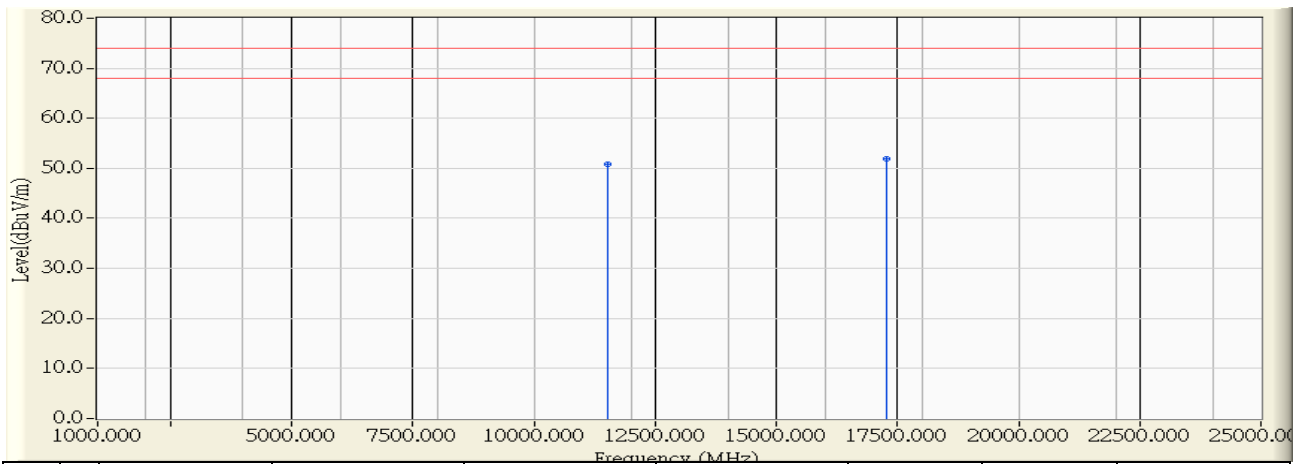


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	32.830	44.245	-9.755	54.000	AVERAGE
2		17474.000	16.521	27.090	43.611	-10.389	54.000	AVERAGE

**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 : 2013/08/27 - 15:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 5755 MHz



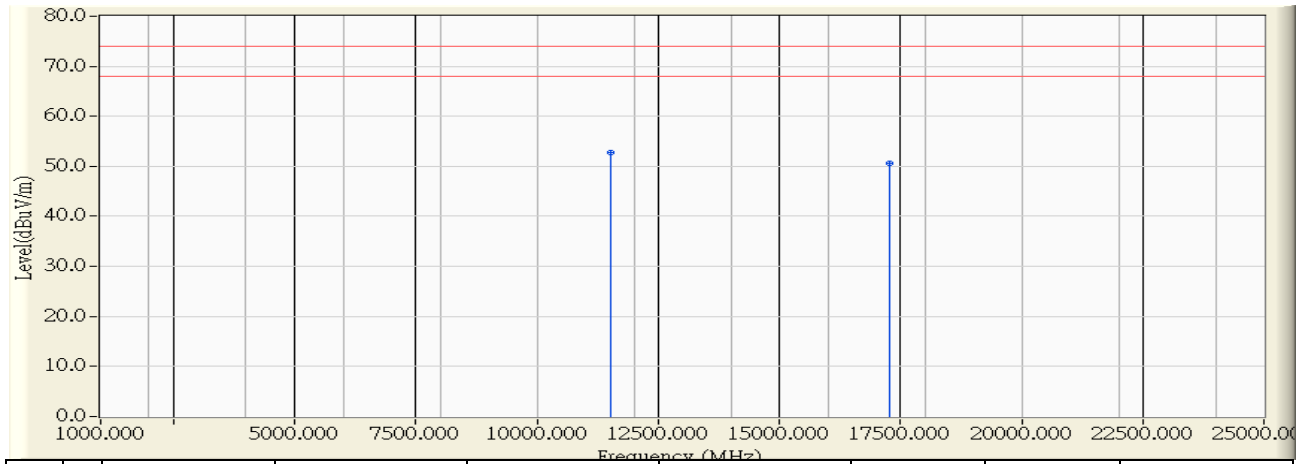
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11510.000	11.523	39.280	50.803	-23.197	74.000	PEAK
2	* 17265.000	15.560	36.450	52.010	-21.990	74.000	PEAK

**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 : 2013/08/27 - 15:39
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 5755 MHz

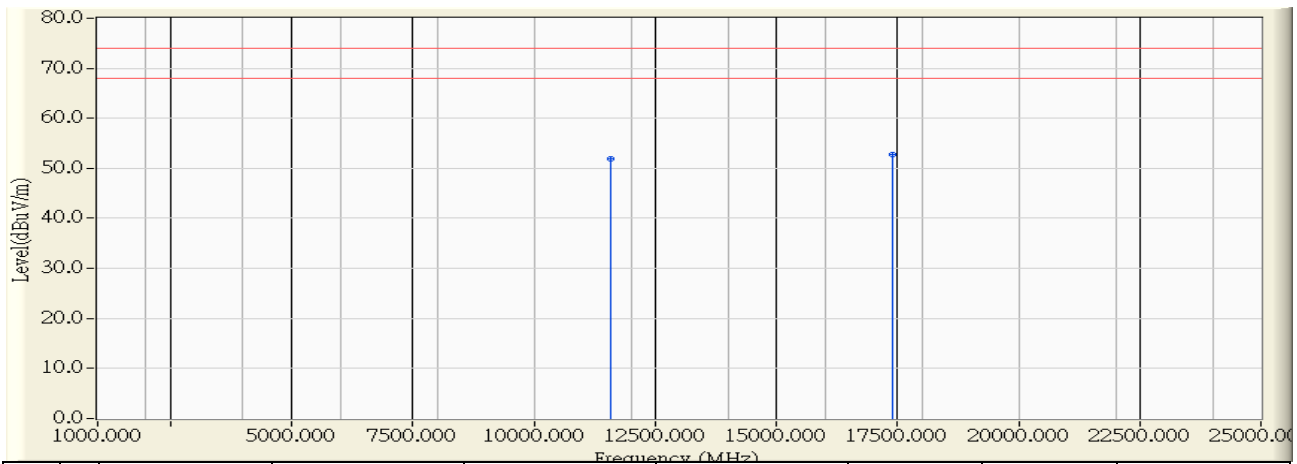


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11510.000	11.523	41.290	52.813	-21.187	74.000	PEAK
2		17265.000	15.560	35.140	50.700	-23.300	74.000	PEAK

**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 : 2013/08/27 - 15:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 5795 MHz

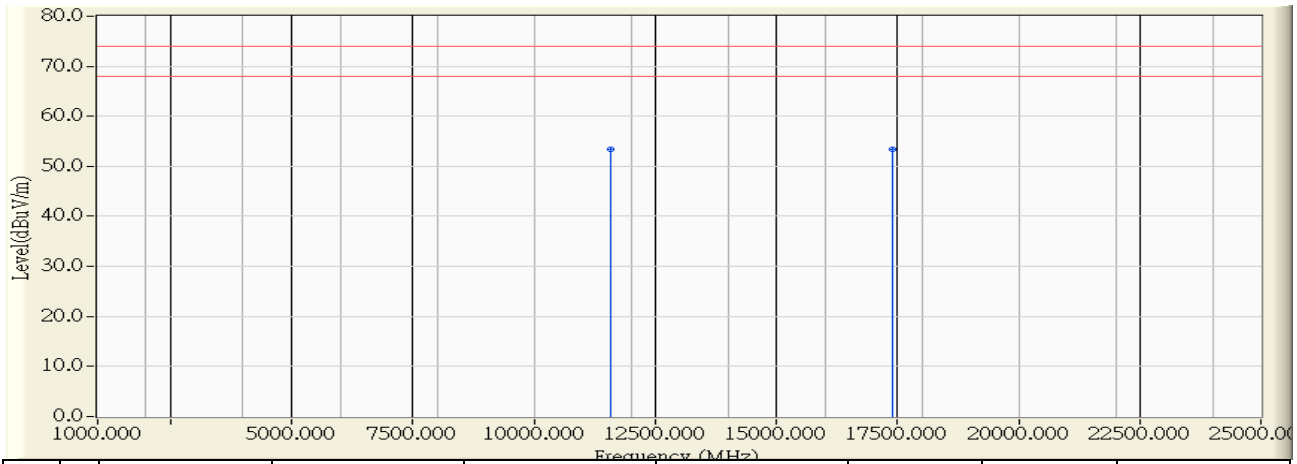


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11590.000	11.461	40.430	51.891	-22.109	74.000	PEAK
2	* 17385.000	16.112	36.670	52.782	-21.218	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/08/27 - 15:43
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 5795 MHz

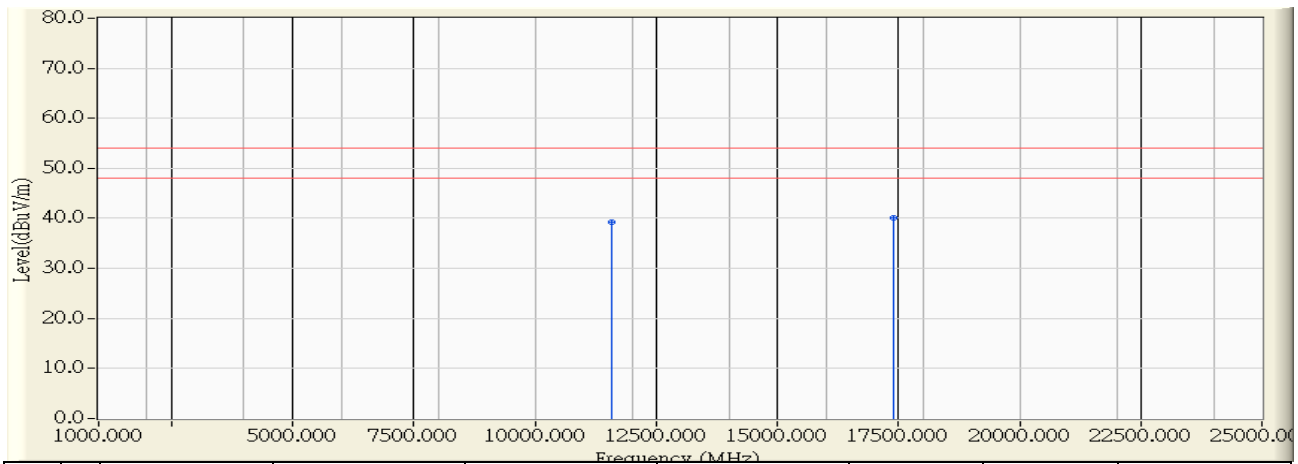


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11590.000	11.461	41.920	53.381	-20.619	74.000	PEAK
2	* 17385.000	16.112	37.340	53.452	-20.548	74.000	PEAK

**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 : 2013/08/27 - 15:43
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n40 5795 MHz

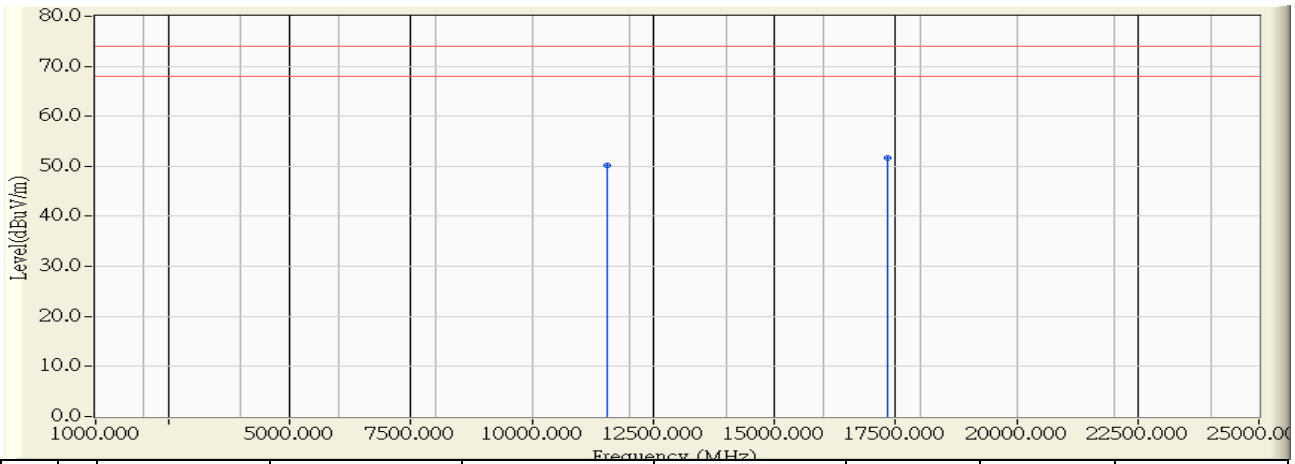


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11590.000	11.461	27.840	39.301	-14.699	54.000	AVERAGE
2	* 17385.000	16.112	23.890	40.002	-13.998	54.000	AVERAGE

**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 : 2013/08/27 - 15:47
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac80 5775MHz

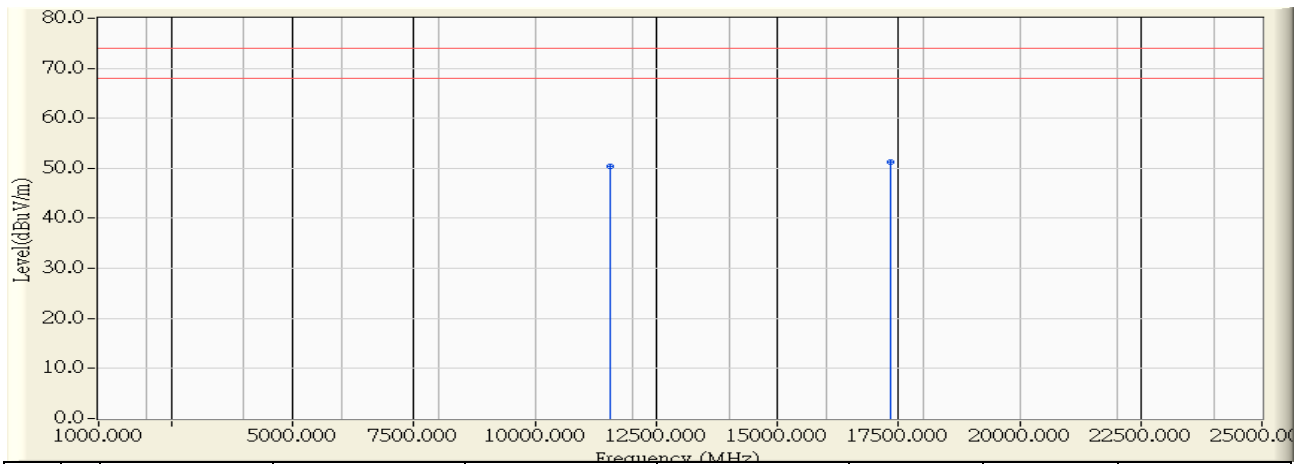


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11550.000	11.492	38.720	50.212	-23.788	74.000	PEAK
2	* 17325.000	15.836	35.820	51.656	-22.344	74.000	PEAK

**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 : 2013/08/27 - 15:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac80 5775MHz

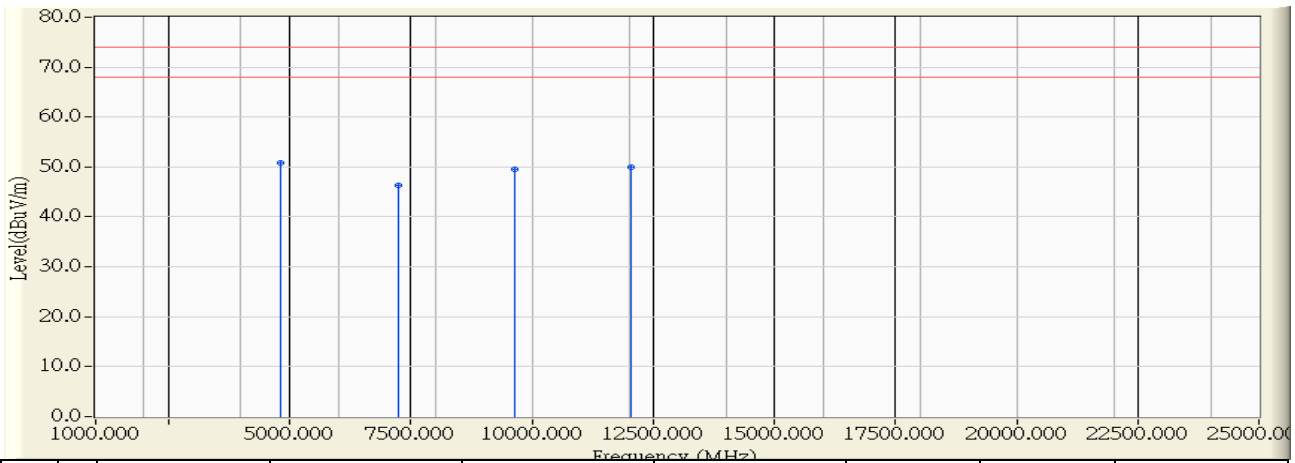


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11550.000	11.492	38.910	50.402	-23.598	74.000	PEAK
2	* 17325.000	15.836	35.320	51.156	-22.844	74.000	PEAK

**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 : 2013/07/10 - 15:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2412MHz

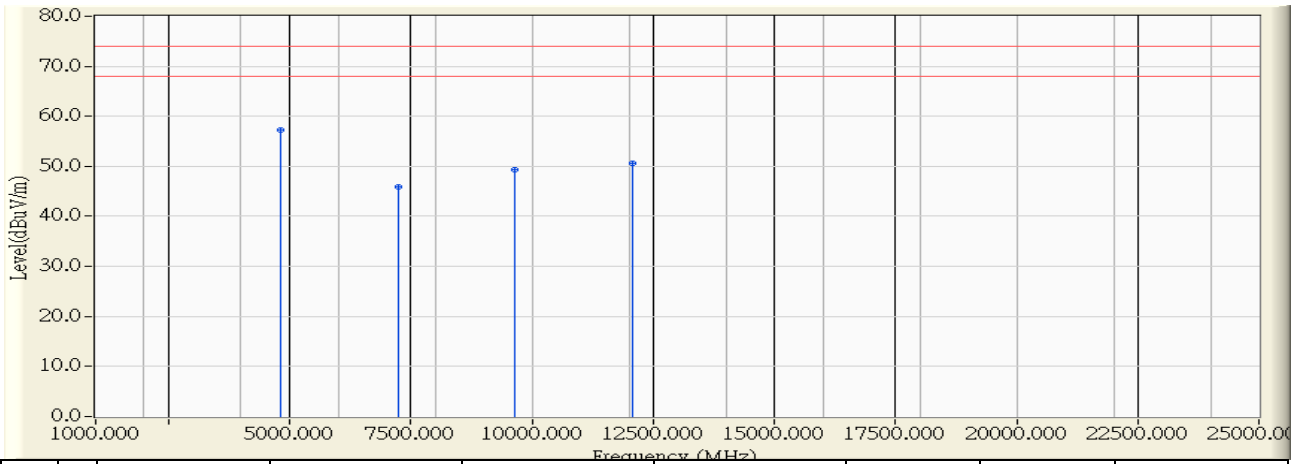


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.090	-0.616	51.450	50.834	-23.166	74.000	PEAK
2		7240.260	5.455	40.840	46.294	-27.706	74.000	PEAK
3		9647.140	9.220	40.430	49.650	-24.350	74.000	PEAK
4		12059.620	11.116	38.930	50.046	-23.954	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 : 2013/07/10 - 15:39
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2412MHz



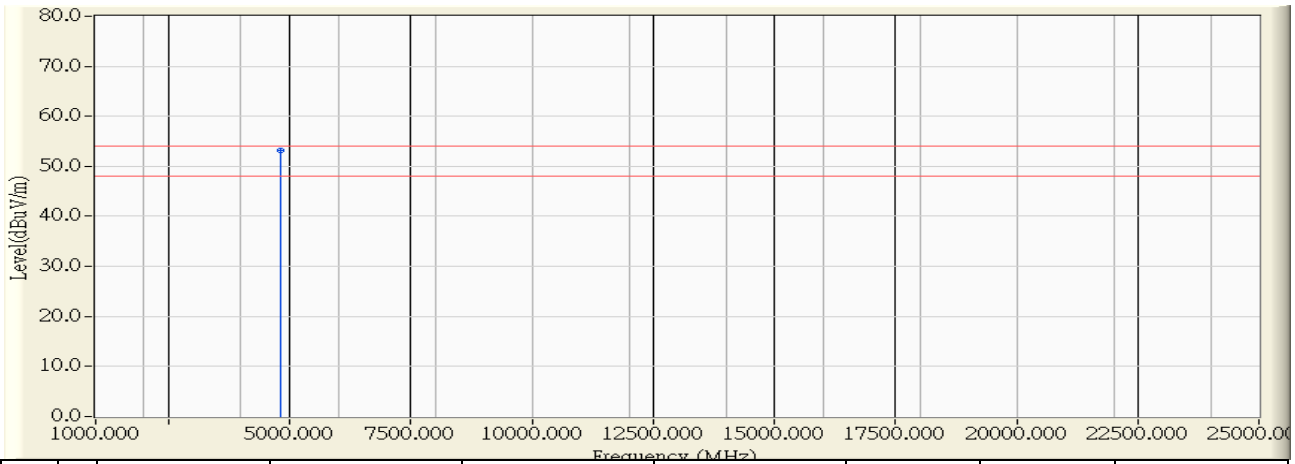
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	57.850	57.233	-16.767	74.000	PEAK
2		7233.840	5.441	40.510	45.951	-28.049	74.000	PEAK
3		9645.680	9.210	40.140	49.351	-24.649	74.000	PEAK
4		12064.380	11.114	39.570	50.683	-23.317	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 : 2013/07/10 - 15:40
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2412MHz_Index=92

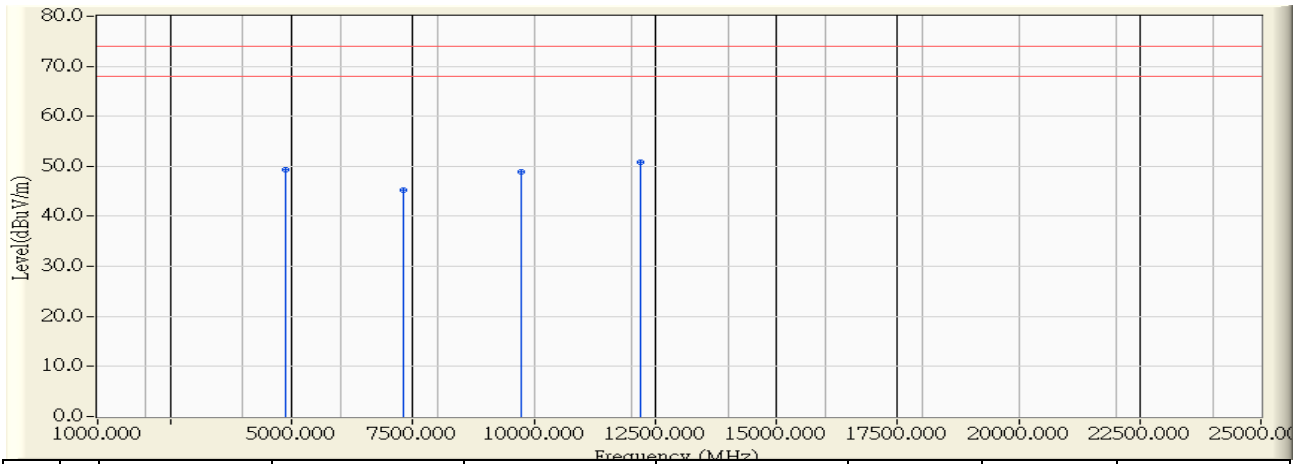


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	53.900	53.283	-0.717	54.000	AVERAGE

**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 : 2013/07/10 - 15:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2437MHz

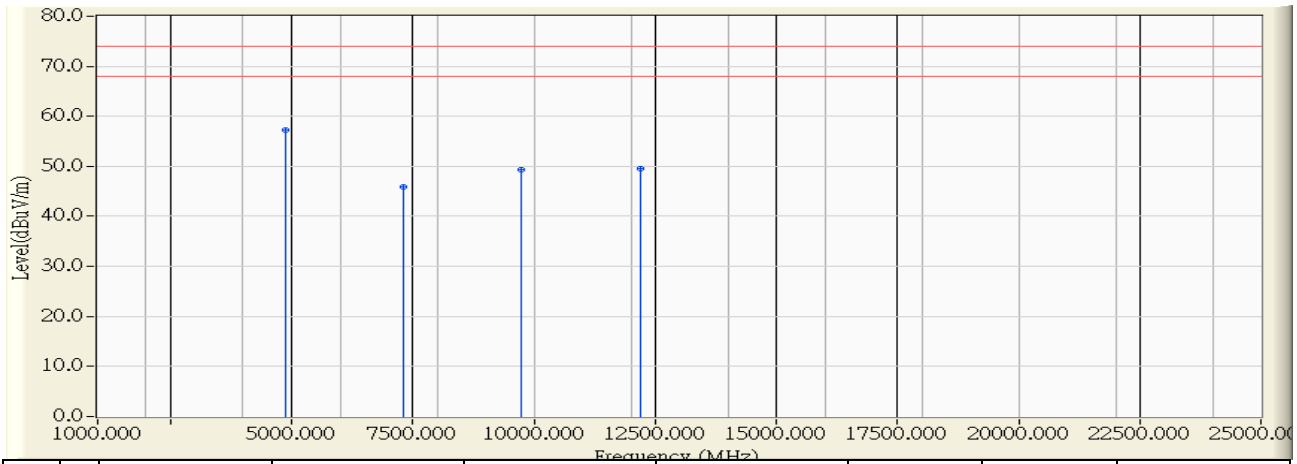


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.090	-0.495	49.830	49.336	-24.664	74.000	PEAK
2	7315.500	5.617	39.670	45.287	-8.713	54.000	PEAK
3	9751.000	9.892	38.930	48.823	-5.177	54.000	PEAK
4	* 12185.000	11.058	39.760	50.818	-3.182	54.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/07/10 - 15:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2437MHz

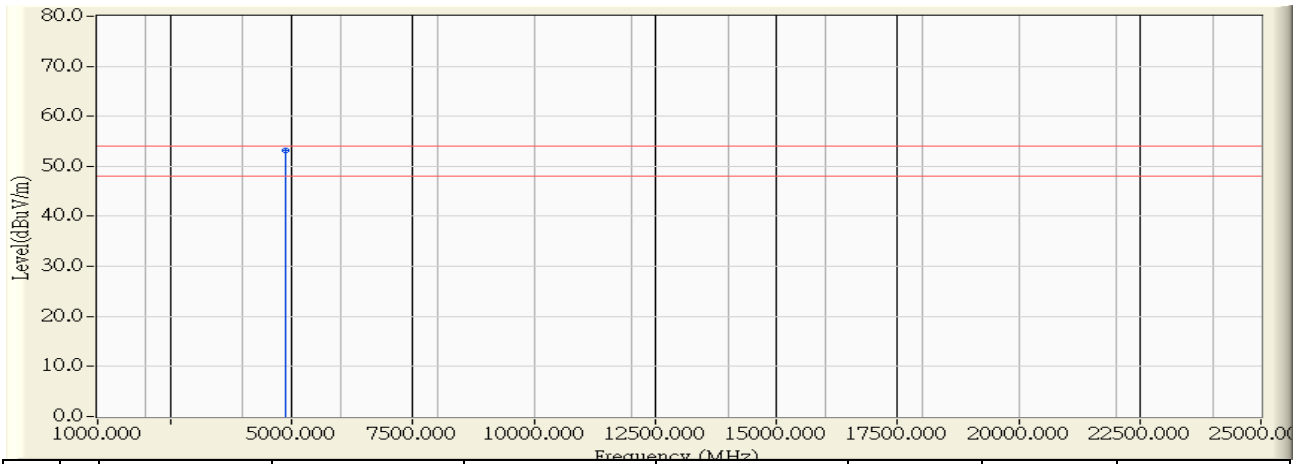


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	57.790	57.295	-16.705	74.000	PEAK
2		7311.360	5.609	40.340	45.948	-28.052	74.000	PEAK
3		9747.000	9.867	39.480	49.347	-24.653	74.000	PEAK
4		12185.360	11.057	38.430	49.488	-24.512	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 : 2013/07/10 - 15:48
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2437MHz

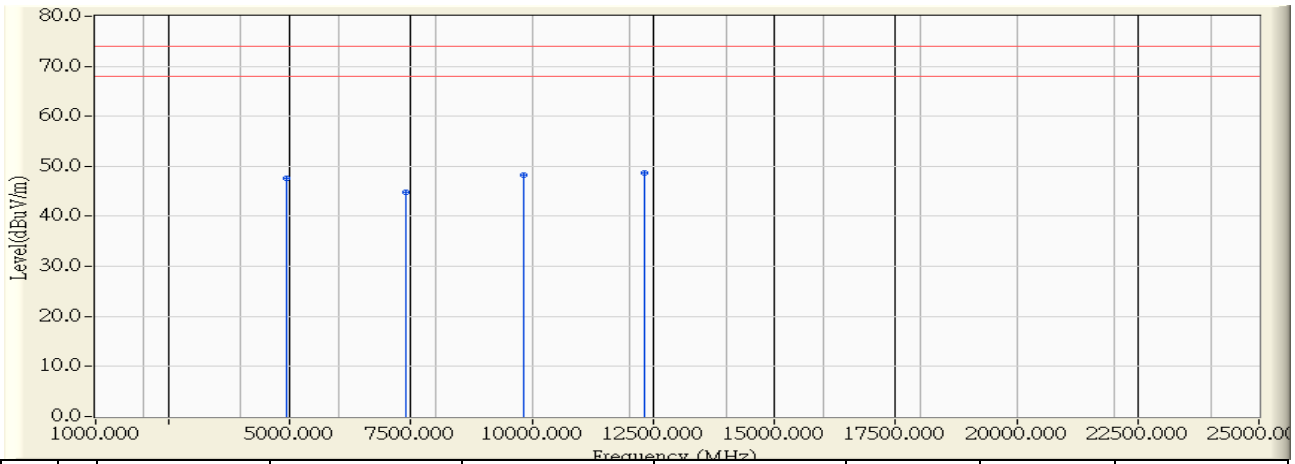


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	53.580	53.085	-0.915	54.000	AVERAGE

**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 : 2013/07/10 - 16:11
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2462MHz

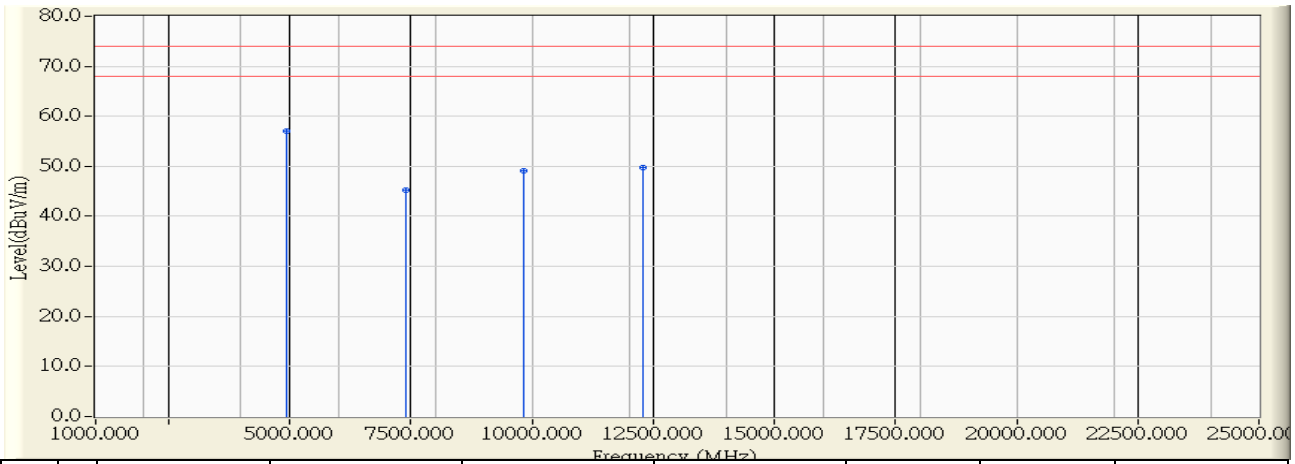


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	47.930	47.557	-26.443	74.000	PEAK
2	7385.370	5.769	39.140	44.908	-29.092	74.000	PEAK
3	9845.000	10.501	37.730	48.231	-25.769	74.000	PEAK
4	* 12309.000	11.001	37.700	48.702	-25.298	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 : 2013/07/10 - 16:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2462MHz

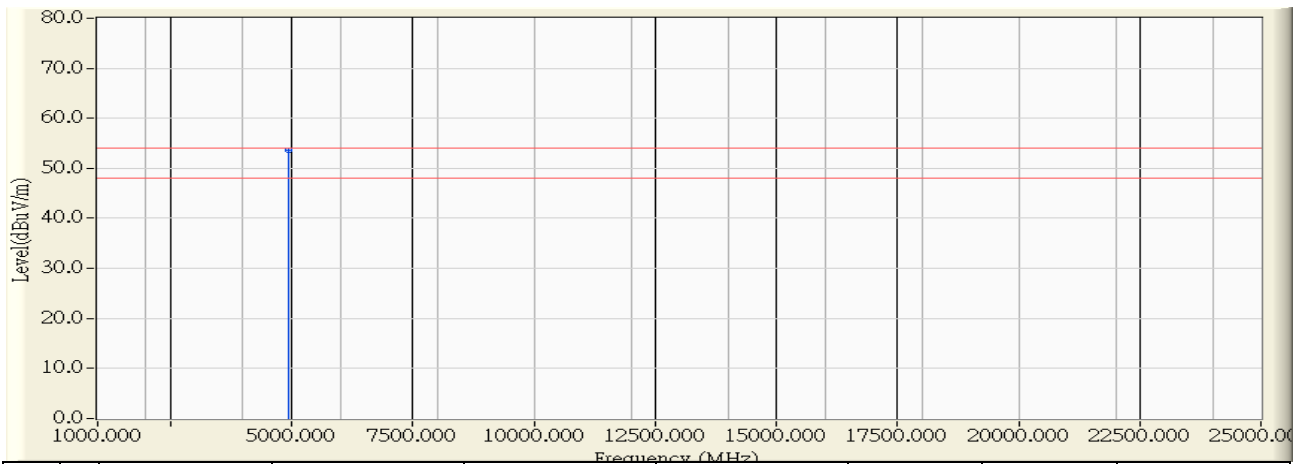


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	57.430	57.057	-16.943	74.000	PEAK
2		7388.000	5.774	39.400	45.174	-28.826	74.000	PEAK
3		9846.000	10.507	38.650	49.158	-24.842	74.000	PEAK
4		12307.000	11.003	38.740	49.743	-24.257	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 : 2013/07/10 - 16:03
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11b_2462MHz

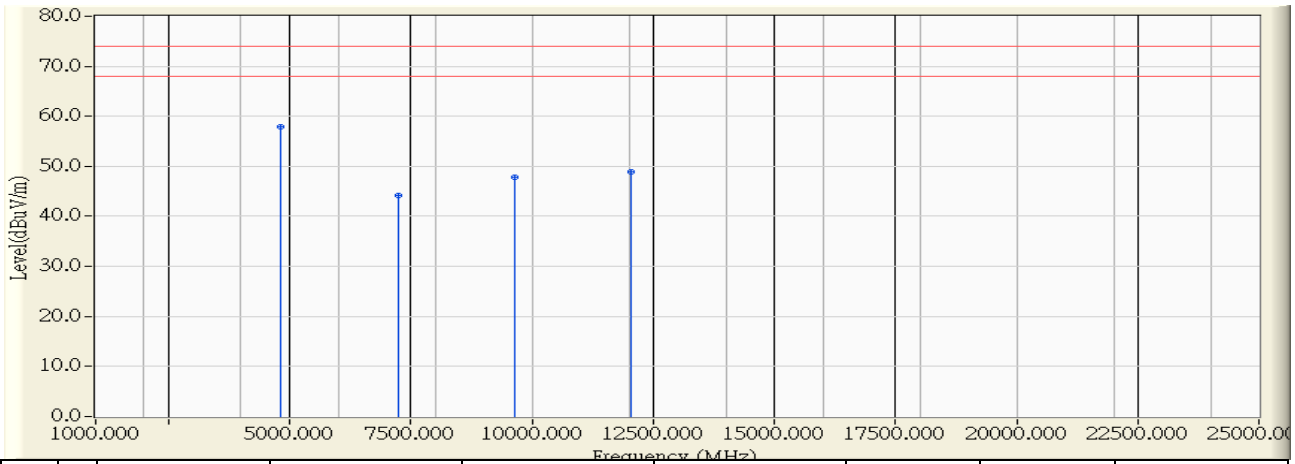


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.010	-0.373	54.050	53.677	-0.323	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2013/07/18 - 13:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2412MHz



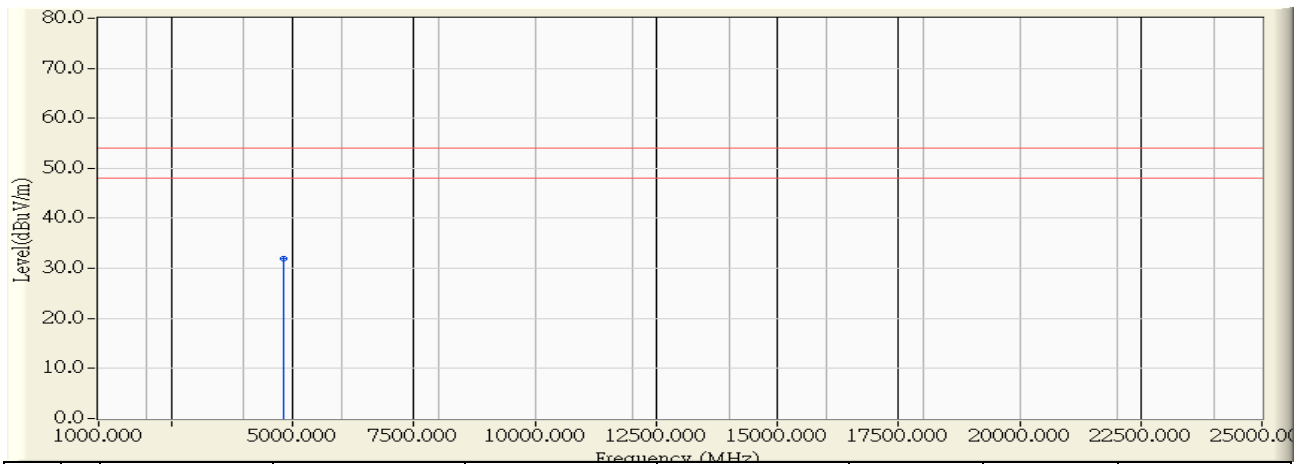
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	58.595	57.978	-16.022	74.000	PEAK
2		7236.000	5.445	38.690	44.135	-29.865	74.000	PEAK
3		9648.000	9.226	38.558	47.784	-26.216	74.000	PEAK
4		12060.000	11.115	37.704	48.819	-25.181	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 : 2013/07/18 - 13:30
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2412MHz

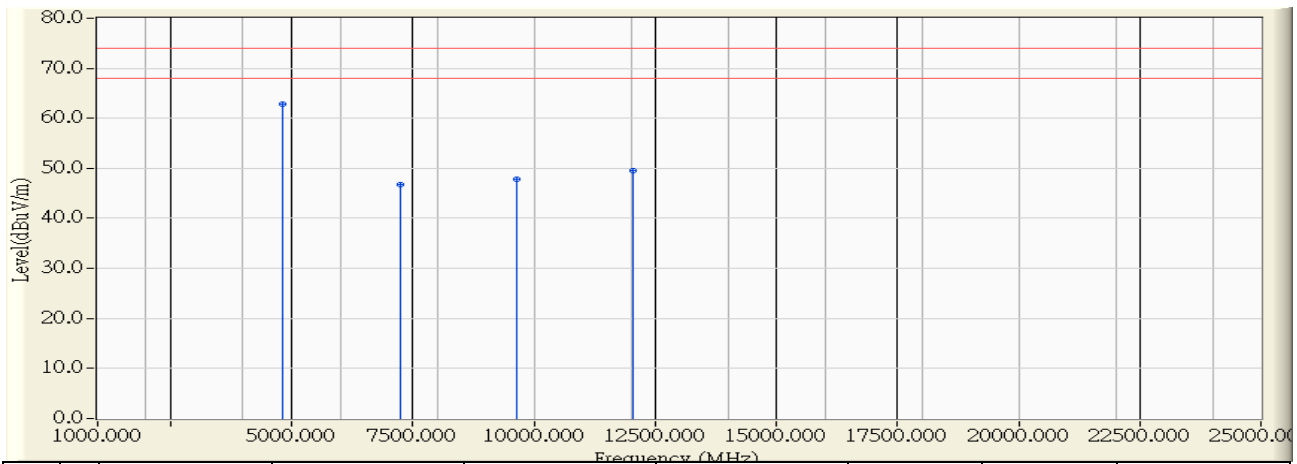


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	32.603	31.986	-22.014	54.000	AVERAGE

**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 : 2013/07/18 - 13:42
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2412MHz

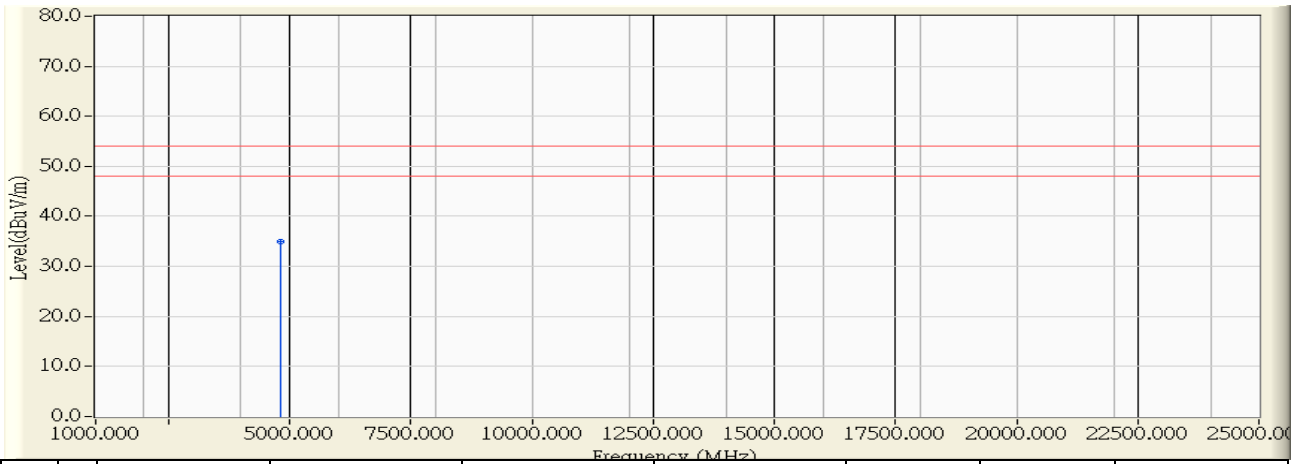


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	63.383	62.766	-11.234	74.000	PEAK
2		7236.000	5.445	41.220	46.665	-27.335	74.000	PEAK
3		9648.000	9.226	38.558	47.784	-26.216	74.000	PEAK
4		12060.000	11.115	38.507	49.622	-24.378	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 : 2013/07/18 - 13:42
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2412MHz

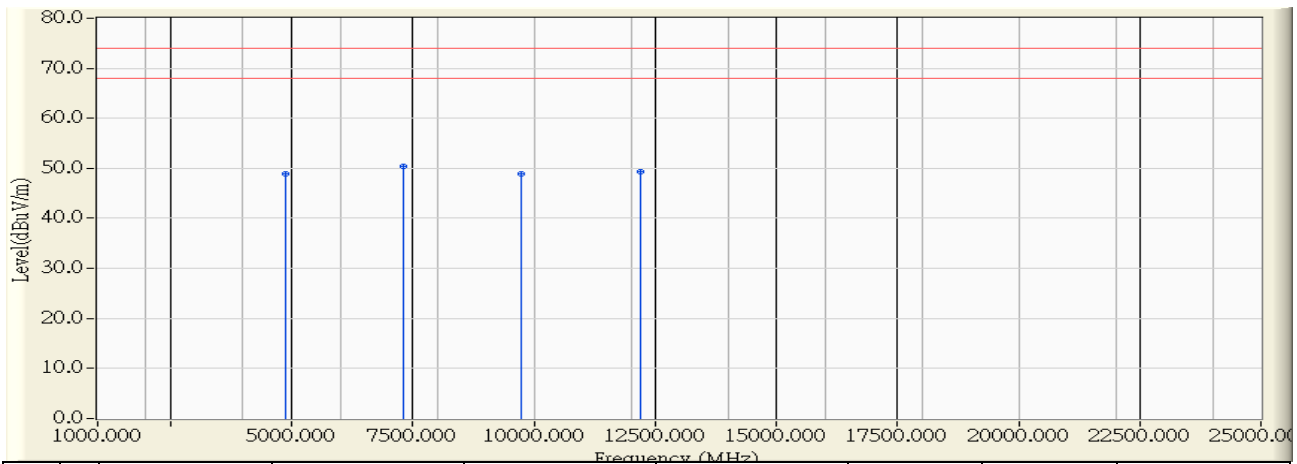


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	35.500	34.883	-19.117	54.000	AVERAGE

**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 : 2013/07/10 - 17:36
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g_2437MHz

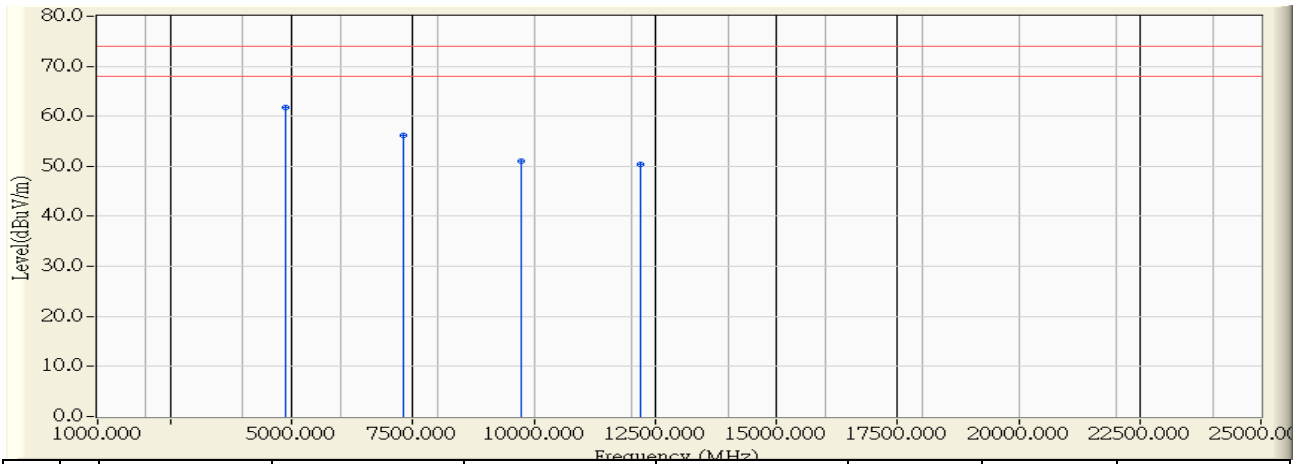


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4873.200	-0.496	49.450	48.953	-25.047	74.000	PEAK
2	* 7312.450	5.611	44.780	50.391	-3.609	54.000	PEAK
3	9747.250	9.869	39.000	48.868	-5.132	54.000	PEAK
4	12191.200	11.055	38.350	49.406	-4.594	54.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/07/10 - 17:28
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g_2437MHz

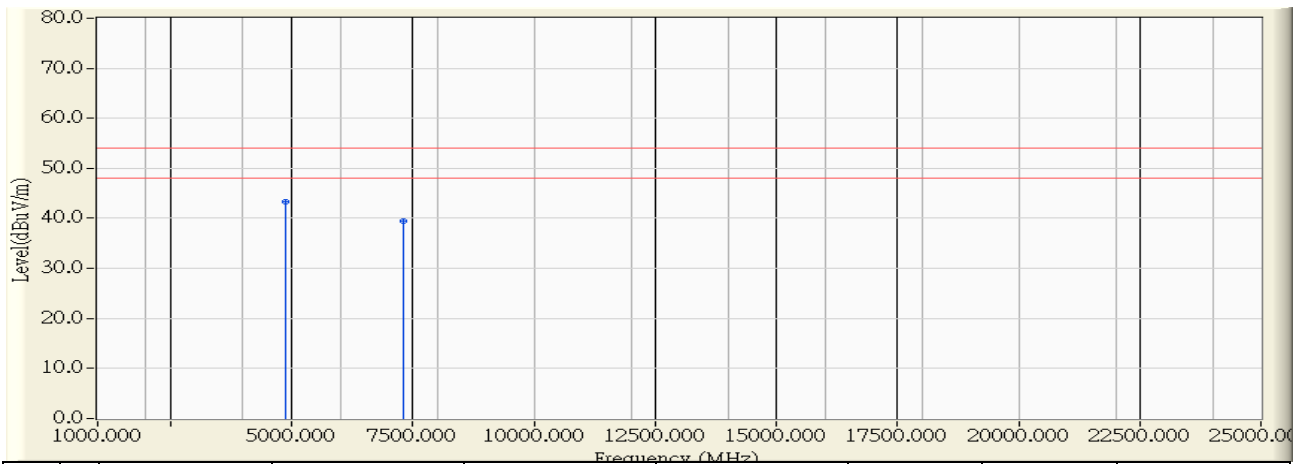


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4873.800	-0.495	62.180	61.685	-12.315	74.000	PEAK
2		7314.150	5.614	50.590	56.204	-17.796	74.000	PEAK
3		9736.250	9.796	41.270	51.067	-22.933	74.000	PEAK
4		12185.350	11.058	39.290	50.348	-23.652	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 : 2013/07/10 - 17:29
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g_2437MHz

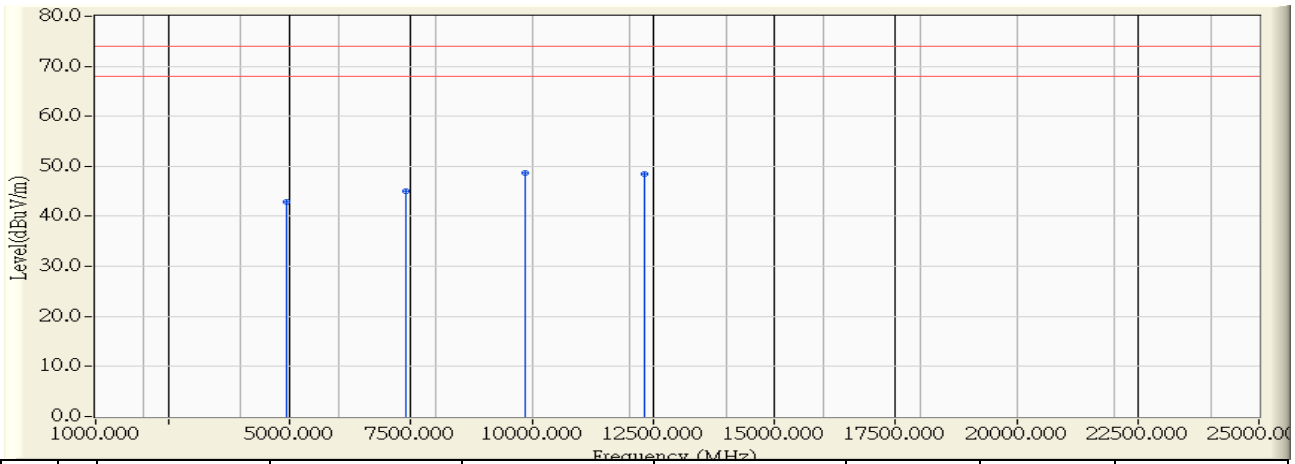


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4871.700	-0.501	43.820	43.320	-10.680	54.000	AVERAGE
2		7311.050	5.608	33.810	39.418	-14.582	54.000	AVERAGE

**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 : 2013/07/18 - 13:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2462MHz

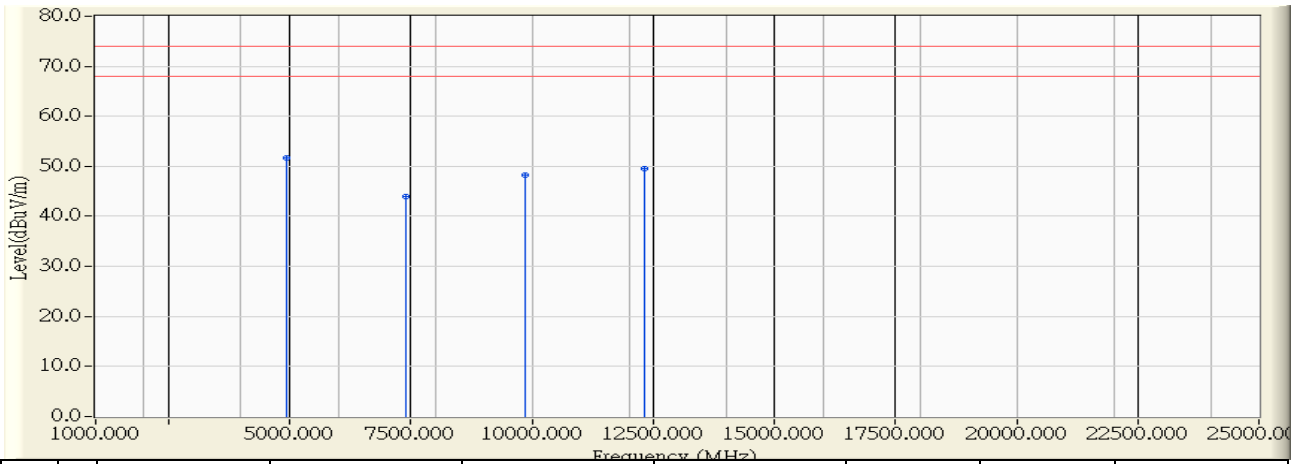


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	43.244	42.871	-31.129	74.000	PEAK
2	7386.000	5.770	39.244	45.014	-28.986	74.000	PEAK
3	* 9848.000	10.521	38.181	48.702	-25.298	74.000	PEAK
4	12310.000	11.001	37.473	48.474	-25.526	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 : 2013/07/18 - 13:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11g 2462MHz



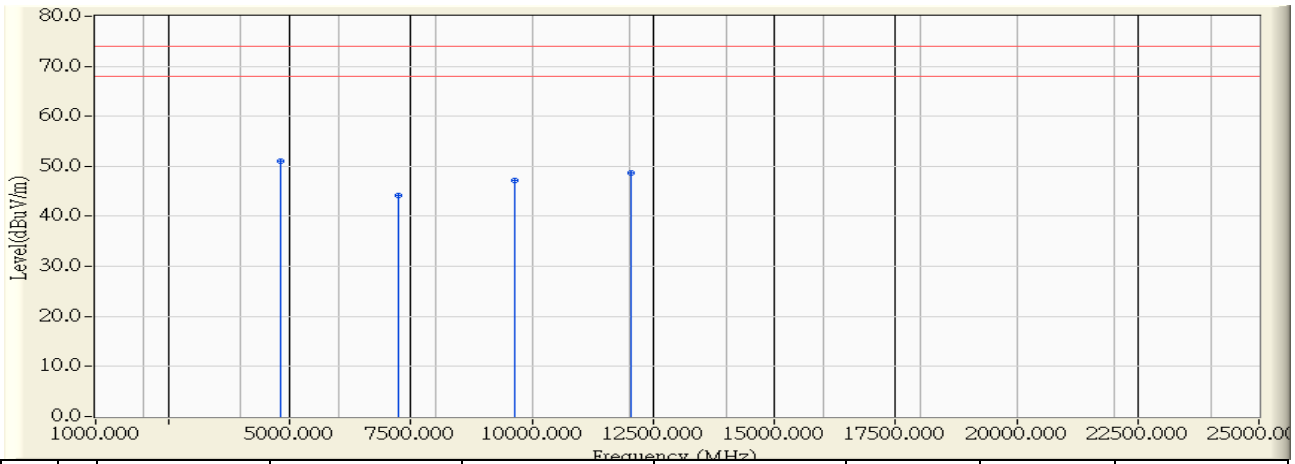
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	51.980	51.607	-22.393	74.000	PEAK
2		7386.000	5.770	38.168	43.938	-30.062	74.000	PEAK
3		9848.000	10.521	37.789	48.310	-25.690	74.000	PEAK
4		12310.000	11.001	38.553	49.554	-24.446	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 : 2013/07/18 - 13:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 2412MHz

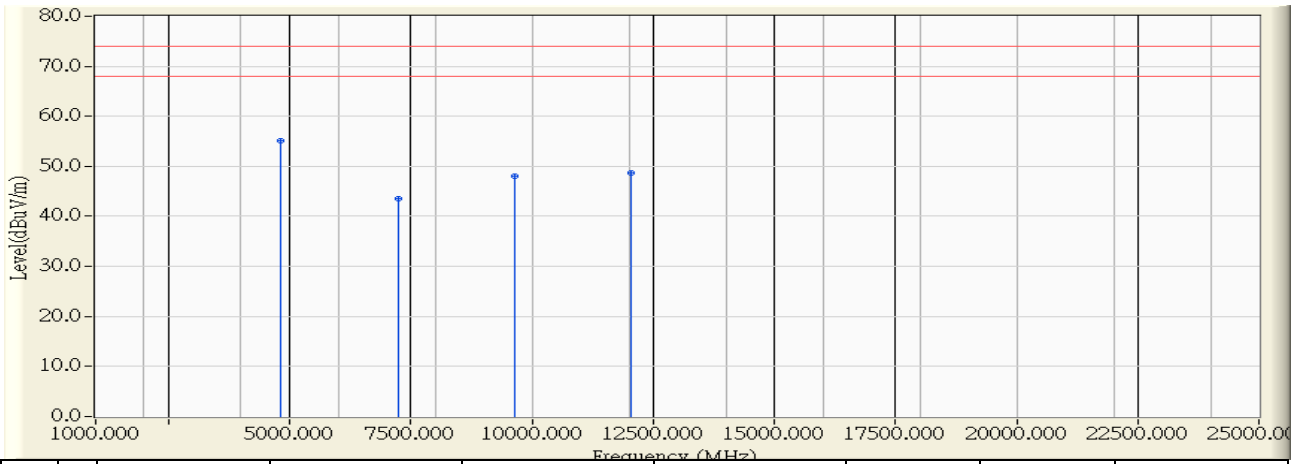


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	51.677	51.060	-22.940	74.000	PEAK
2		7236.000	5.445	38.782	44.227	-29.773	74.000	PEAK
3		9648.000	9.226	37.992	47.218	-26.782	74.000	PEAK
4		12060.000	11.115	37.468	48.583	-25.417	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 : 2013/07/18 - 14:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 2412MHz

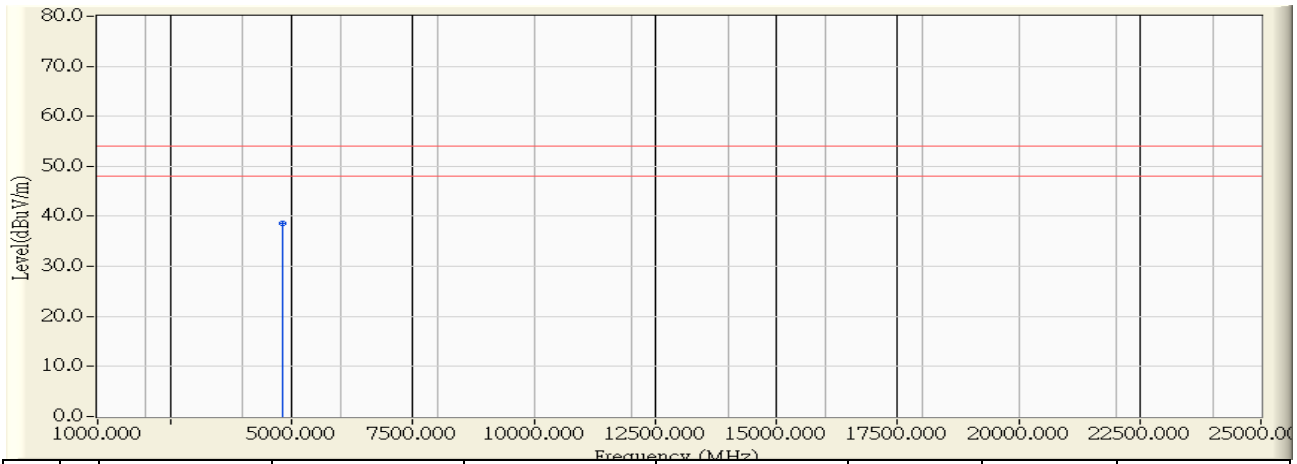


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	55.779	55.162	-18.838	74.000	PEAK
2		7236.000	5.445	38.140	43.585	-30.415	74.000	PEAK
3		9648.000	9.226	38.725	47.951	-26.049	74.000	PEAK
4		12060.000	11.115	37.507	48.622	-25.378	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 : 2013/07/18 - 14:00
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 2412MHz

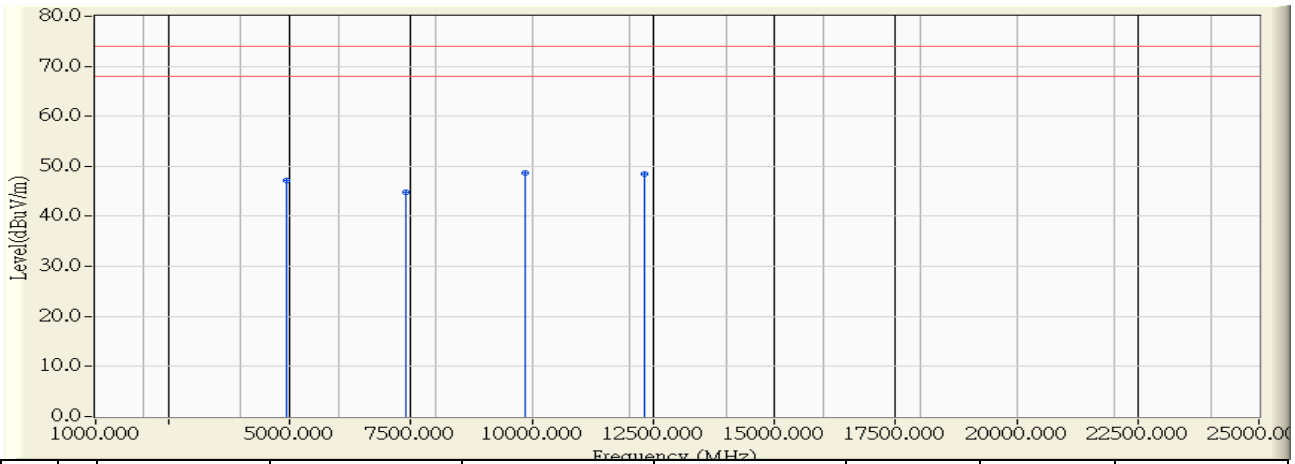


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	39.170	38.553	-15.447	54.000	AVERAGE

**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 : 2013/07/18 - 14:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 2462MHz

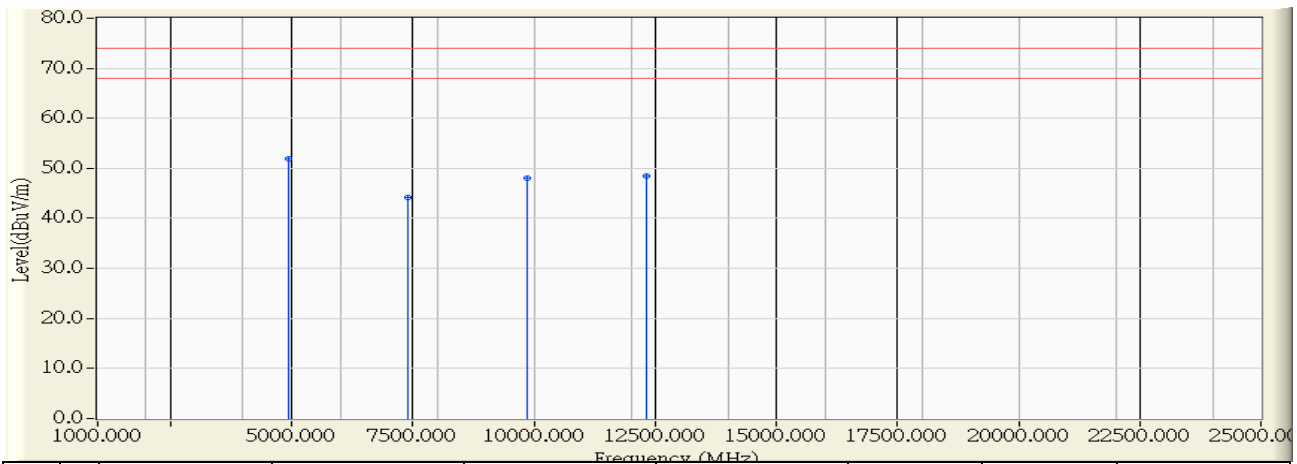


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	47.598	47.225	-26.775	74.000	PEAK
2	7386.000	5.770	38.962	44.732	-29.268	74.000	PEAK
3	* 9848.000	10.521	38.088	48.609	-25.391	74.000	PEAK
4	12310.000	11.001	37.555	48.556	-25.444	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 : 2013/07/18 - 14:08
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 2462MHz

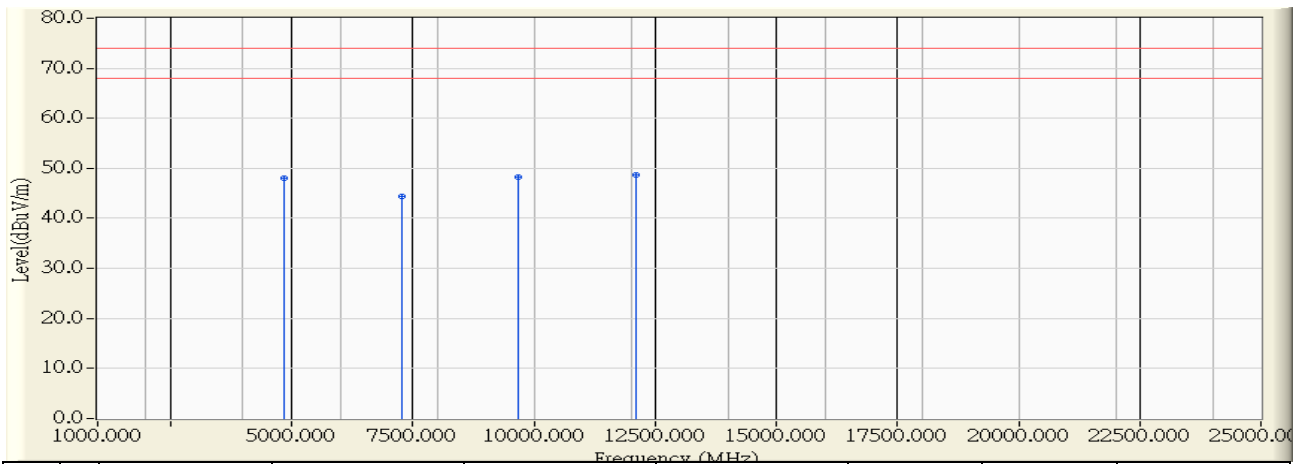


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	52.367	51.994	-22.006	74.000	PEAK
2		7386.000	5.770	38.463	44.233	-29.767	74.000	PEAK
3		9848.000	10.521	37.600	48.121	-25.879	74.000	PEAK
4		12310.000	11.001	37.526	48.527	-25.473	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 : 2013/07/18 - 14:15
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 2422MHz

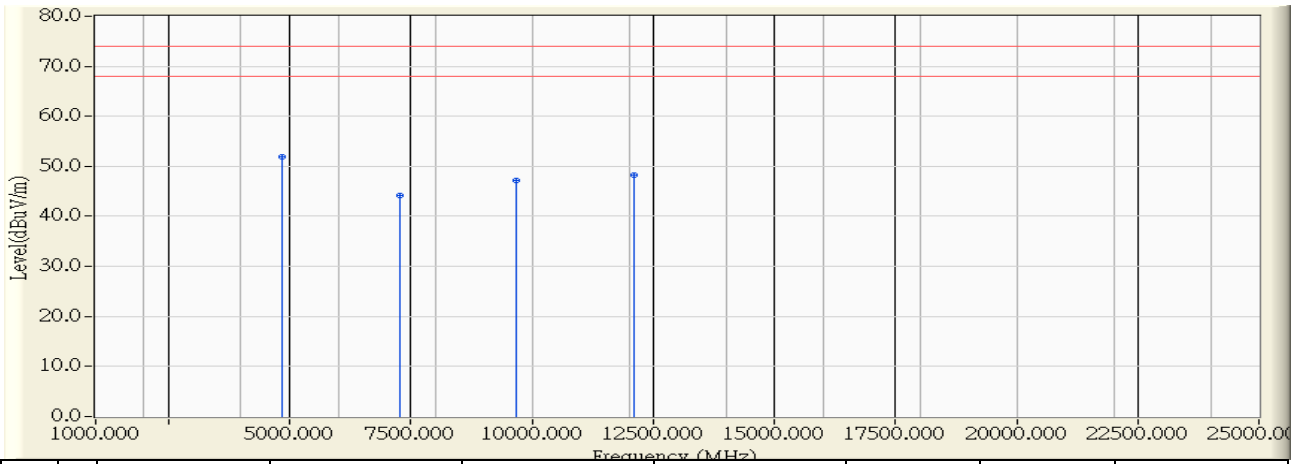


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4844.000	-0.568	48.517	47.949	-26.051	74.000	PEAK
2	7266.000	5.510	38.958	44.468	-29.532	74.000	PEAK
3	9688.000	9.485	38.705	48.190	-25.810	74.000	PEAK
4	* 12110.000	11.093	37.606	48.699	-25.301	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 : 2013/07/18 - 14:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 2422MHz

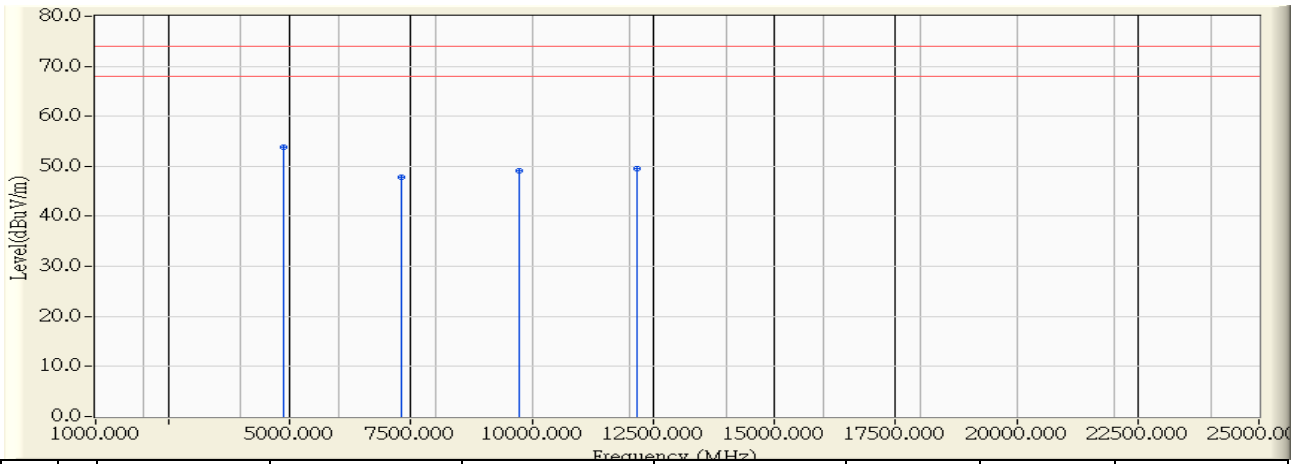


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4844.000	-0.568	52.503	51.935	-22.065	74.000	PEAK
2		7266.000	5.510	38.777	44.287	-29.713	74.000	PEAK
3		9688.000	9.485	37.801	47.286	-26.714	74.000	PEAK
4		12110.000	11.093	37.145	48.238	-25.762	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 : 2013/07/10 - 17:53
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(20MHz)_2437MHz



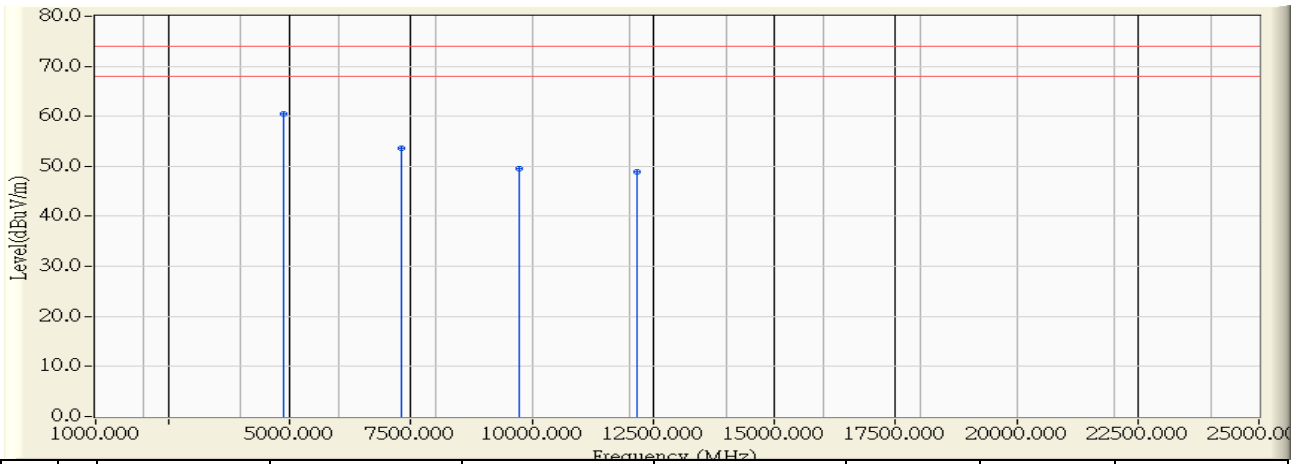
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4878.250	-0.484	54.360	53.876	-20.124	74.000	PEAK
2		7304.550	5.593	42.290	47.884	-26.116	74.000	PEAK
3		9744.900	9.853	39.310	49.163	-24.837	74.000	PEAK
4		12169.000	11.065	38.390	49.456	-24.544	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 : 2013/07/10 - 17:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(20MHz)_2437MHz

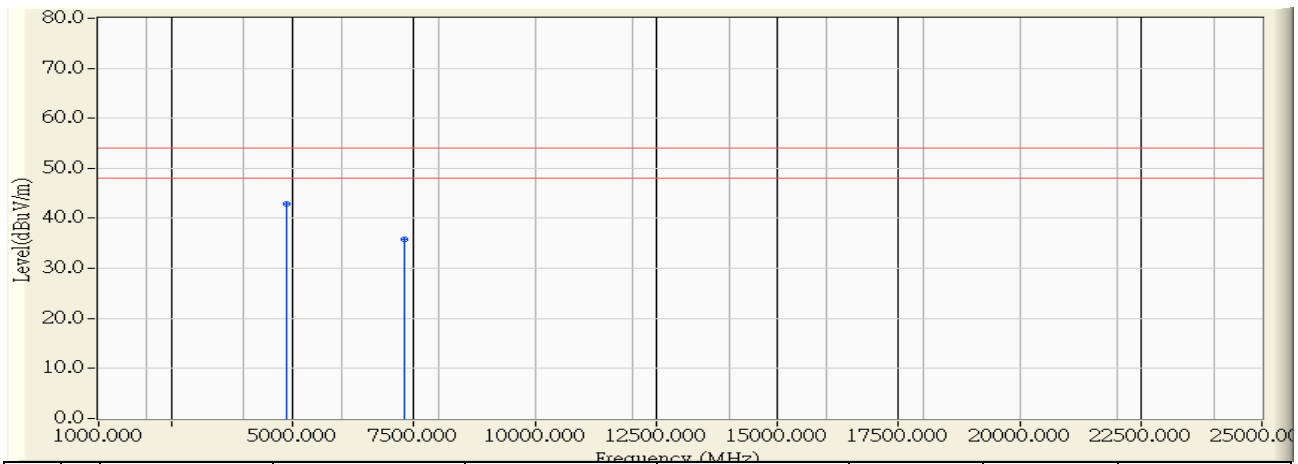


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4873.250	-0.496	60.940	60.444	-13.556	74.000	PEAK
2		7309.000	5.603	47.920	53.523	-20.477	74.000	PEAK
3		9753.050	9.905	39.550	49.456	-24.544	74.000	PEAK
4		12182.500	11.060	37.870	48.930	-25.070	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 : 2013/07/10 - 17:42
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(20MHz)_2437MHz

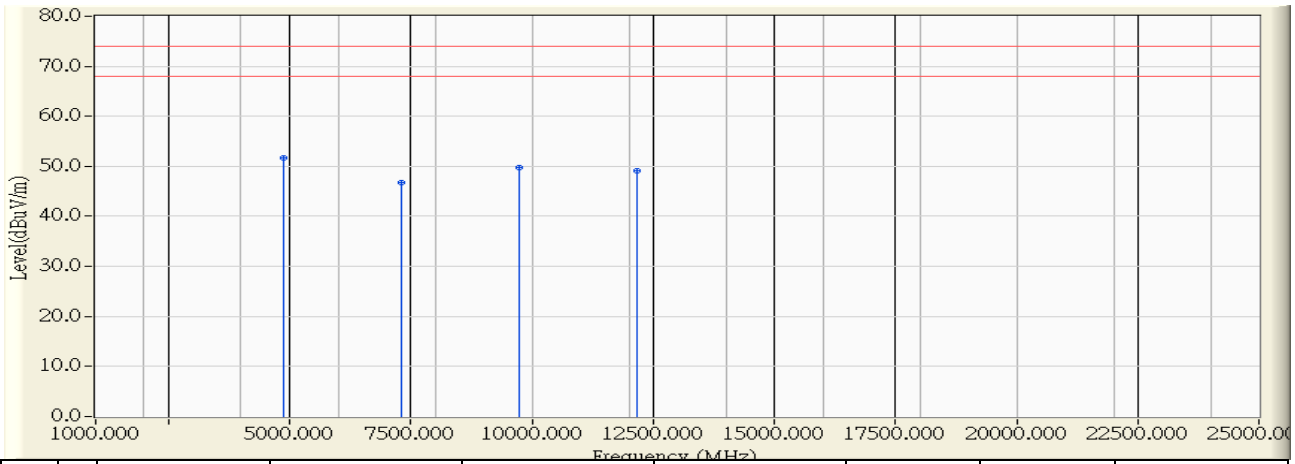


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.750	-0.492	43.370	42.877	-11.123	54.000	AVERAGE
2		7311.050	5.608	30.310	35.918	-18.082	54.000	AVERAGE

**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 : 2013/07/10 - 18:04
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(40MHz)_2437MHz

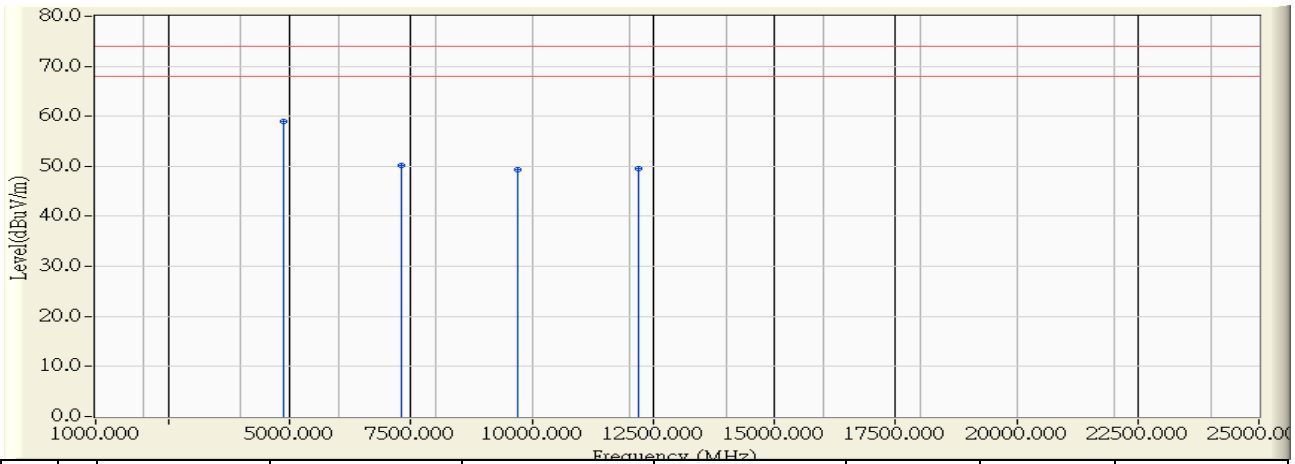


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4865.000	-0.517	52.190	51.673	-22.327	74.000	PEAK
2		7315.700	5.617	41.230	46.848	-27.152	74.000	PEAK
3		9733.000	9.776	39.930	49.706	-24.294	74.000	PEAK
4		12161.800	11.068	38.050	49.119	-24.881	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 : 2013/07/10 - 17:57
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(40MHz)_2437MHz

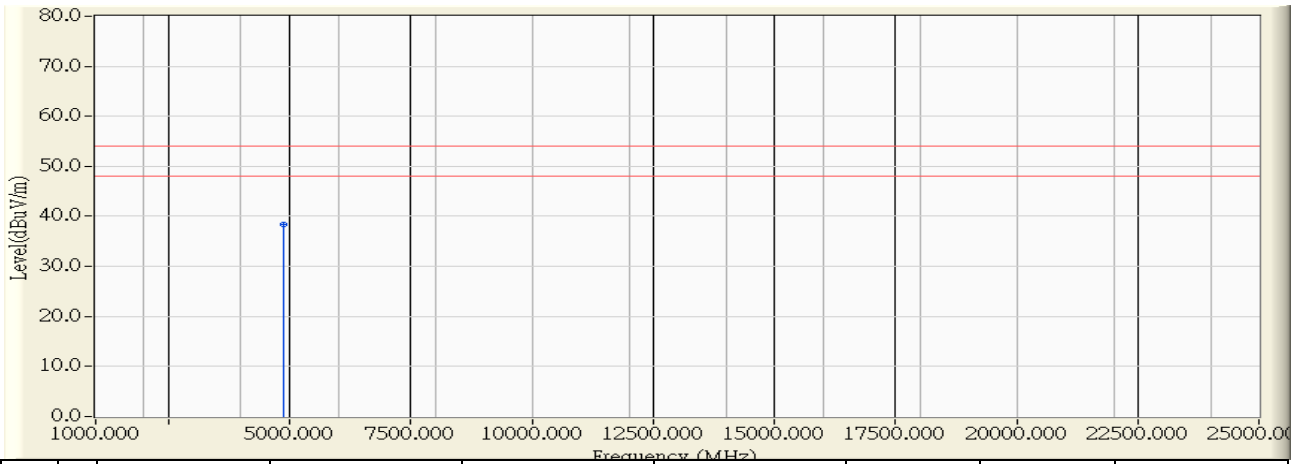


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4872.800	-0.497	59.570	59.072	-14.928	74.000	PEAK
2		7314.900	5.616	44.610	50.226	-23.774	74.000	PEAK
3		9720.000	9.692	39.740	49.432	-24.568	74.000	PEAK
4		12202.700	11.050	38.470	49.520	-24.480	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 : 2013/07/10 - 17:58
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n(40MHz)_2437MHz

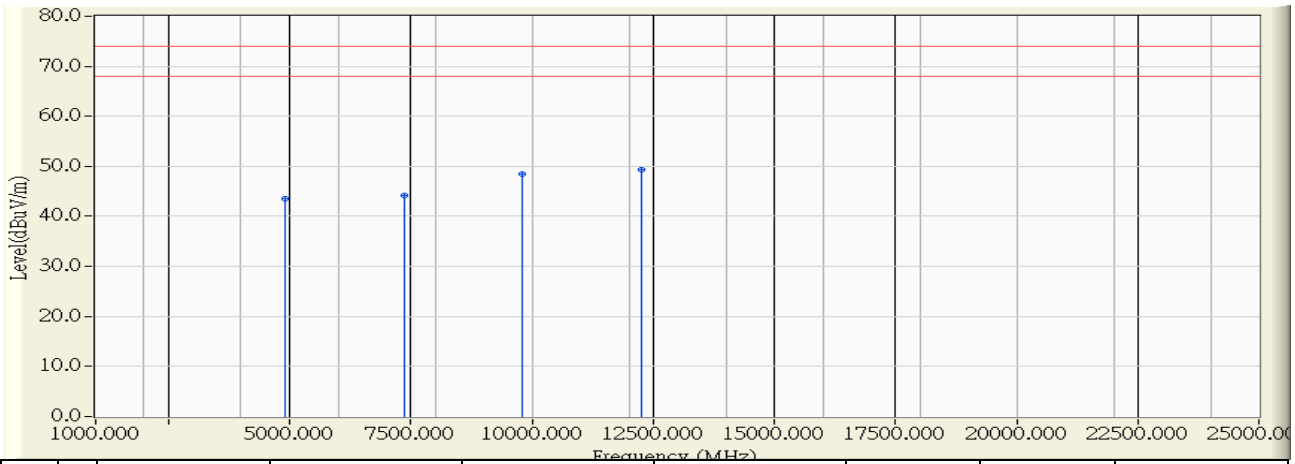


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.900	-0.492	38.820	38.328	-15.672	54.000	AVERAGE

**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 : 2013/07/18 - 14:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 2452MHz

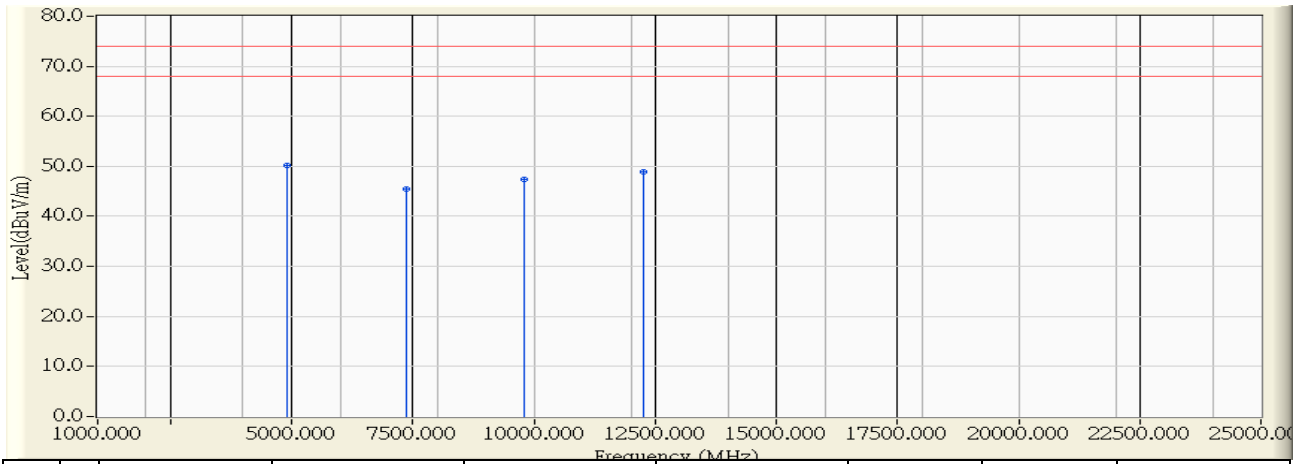


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4904.000	-0.421	44.007	43.586	-30.414	74.000	PEAK
2	7356.000	5.705	38.464	44.169	-29.831	74.000	PEAK
3	9808.000	10.262	38.232	48.494	-25.506	74.000	PEAK
4	* 12260.000	11.024	38.338	49.362	-24.638	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 : 2013/07/18 - 14:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 2452MHz

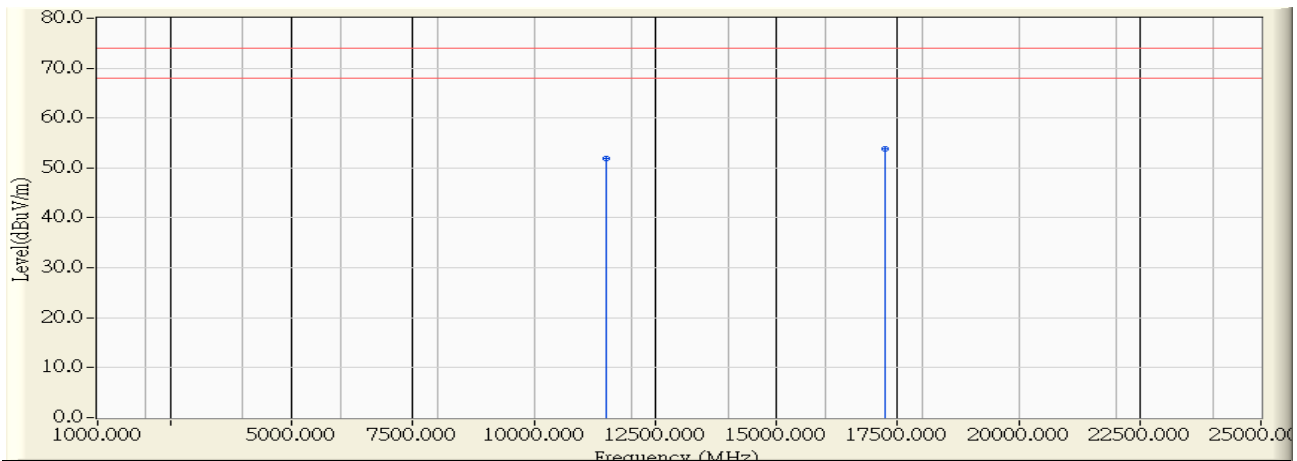


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4904.000	-0.421	50.613	50.192	-23.808	74.000	PEAK
2		7356.000	5.705	39.732	45.437	-28.563	74.000	PEAK
3		9808.000	10.262	37.031	47.293	-26.707	74.000	PEAK
4		12260.000	11.024	37.817	48.841	-25.159	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 : 2013/07/24 - 17:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5745MHz



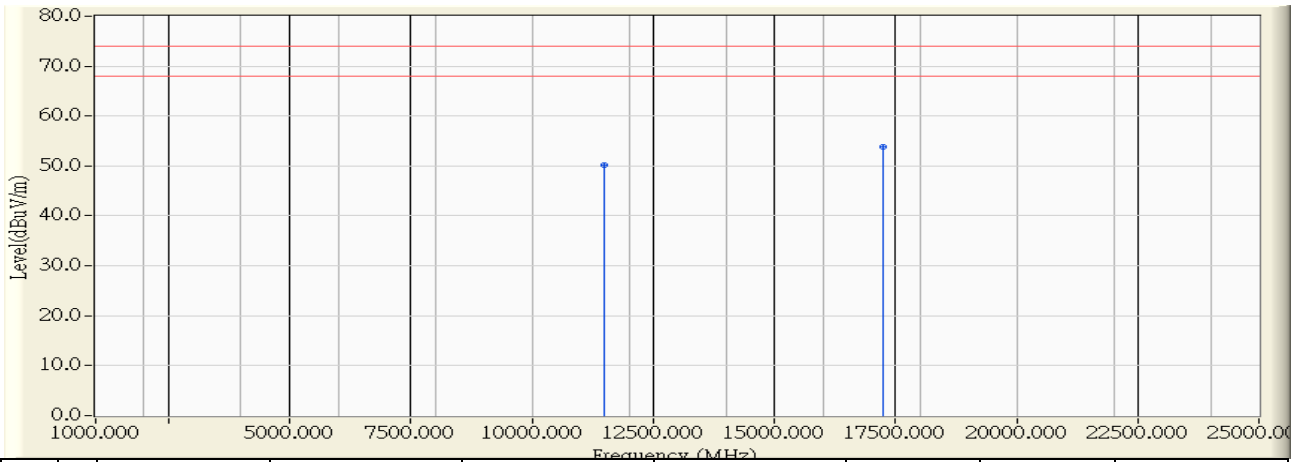
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	40.475	52.008	-21.992	74.000	PEAK
2	* 17235.000	15.422	38.406	53.828	-20.172	74.000	PEAK

**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 : 2013/07/24 - 17:32
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5745MHz

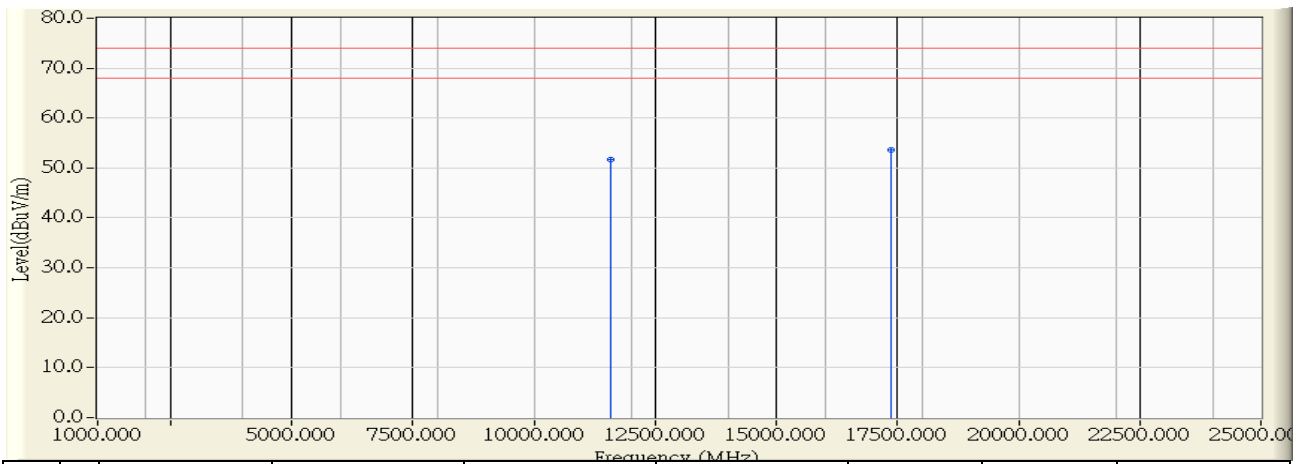


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	38.598	50.131	-23.869	74.000	PEAK
2	* 17235.000	15.422	38.361	53.783	-20.217	74.000	PEAK

**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 : 2013/07/24 - 17:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5785MHz

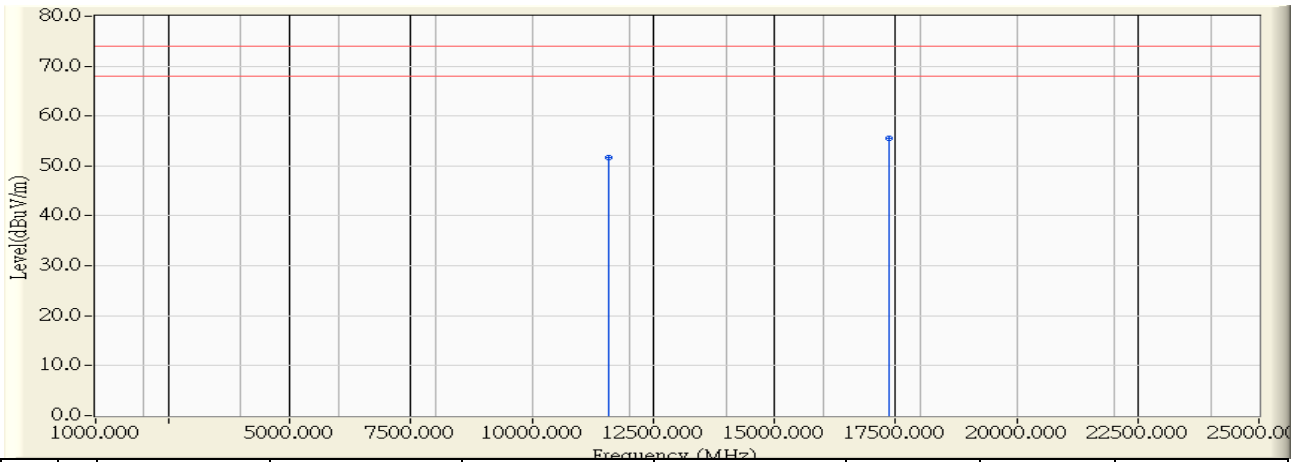


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11570.000	11.477	40.222	51.699	-22.301	74.000	PEAK
2	* 17355.000	15.974	37.553	53.527	-20.473	74.000	PEAK

**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 : 2013/07/24 - 17:35
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5785MHz

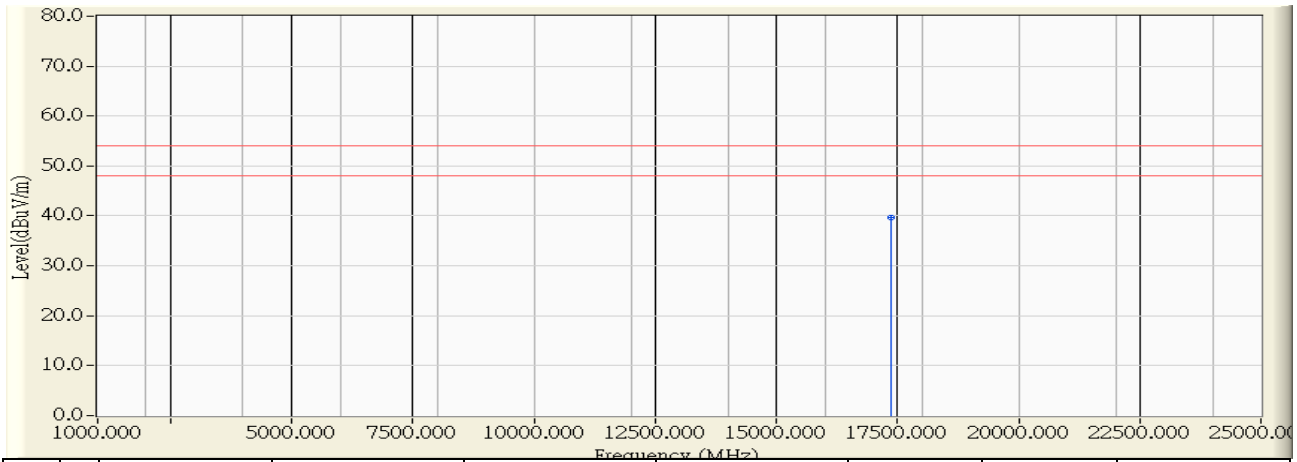


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11570.000	11.477	40.199	51.676	-22.324	74.000	PEAK
2	* 17355.000	15.974	39.470	55.444	-18.556	74.000	PEAK

**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 : 2013/07/24 - 17:36
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5785MHz

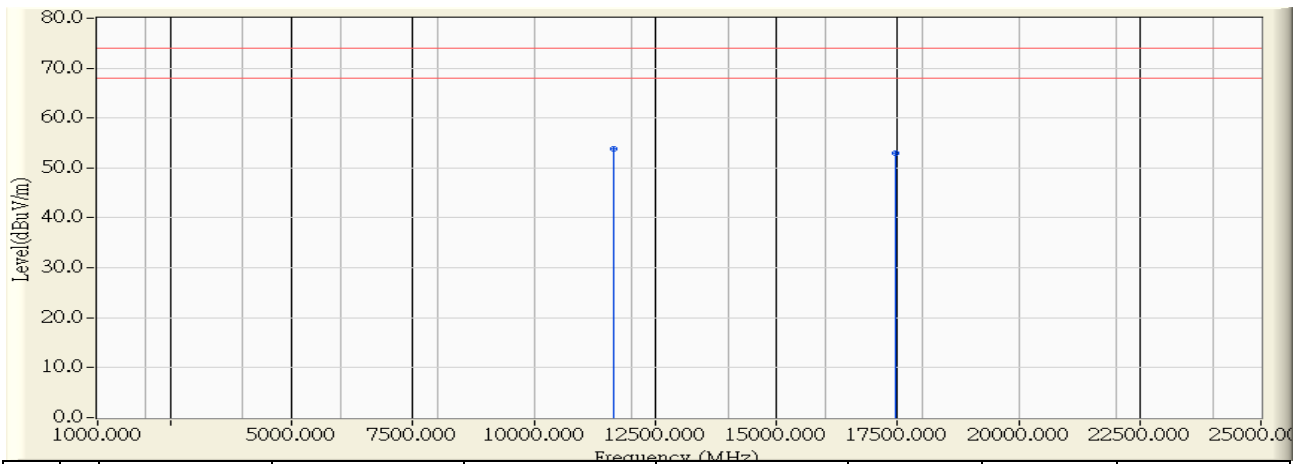


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	17355.000	15.974	23.671	39.645	-14.355	54.000	AVERAGE

**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 : 2013/07/24 - 17:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5825MHz

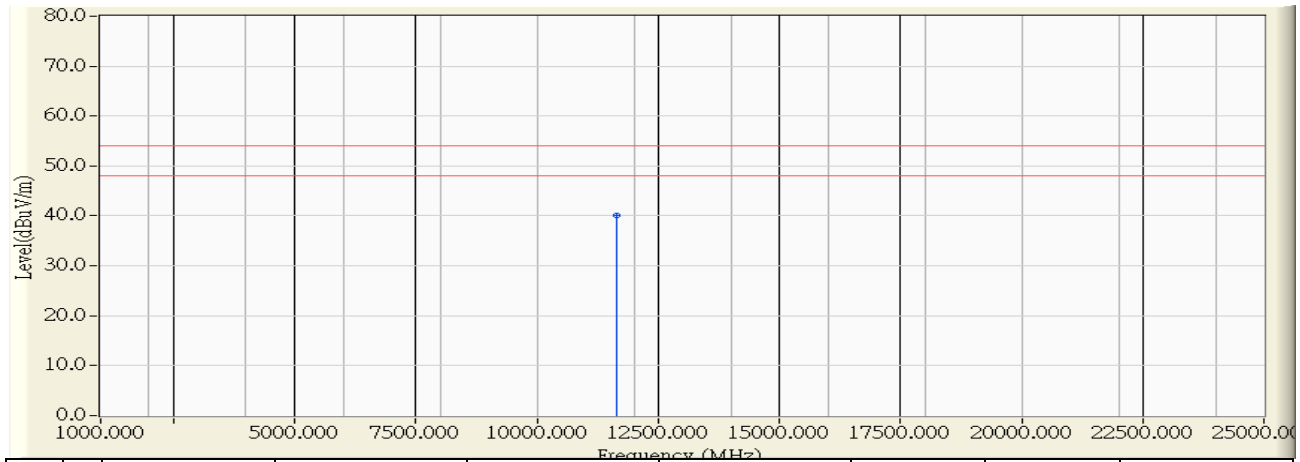


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	42.450	53.865	-20.135	74.000	PEAK
2		17475.000	16.526	36.452	52.978	-21.022	74.000	PEAK

**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 : 2013/07/24 - 17:39
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5825MHz

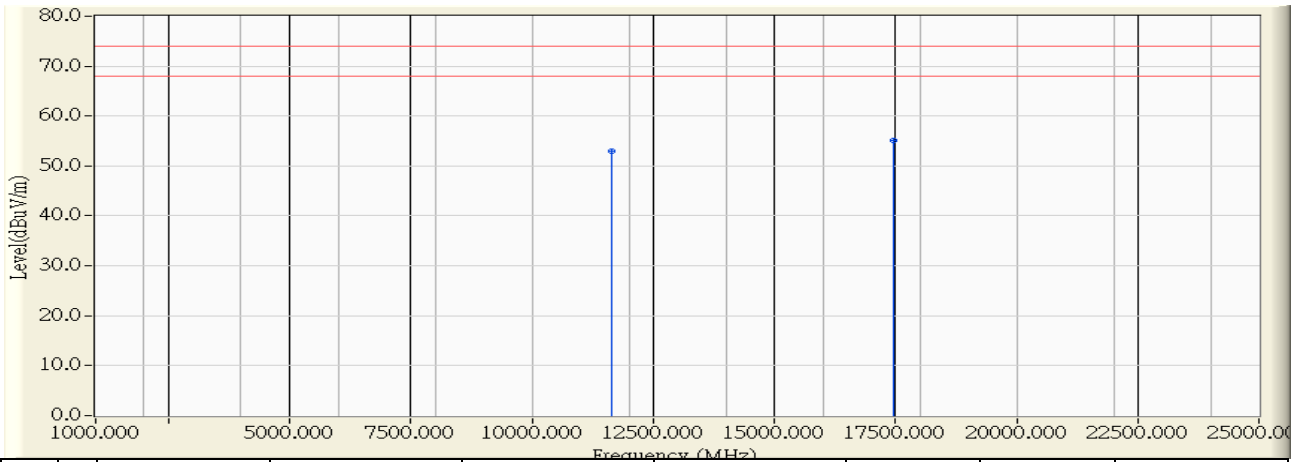


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.000	11.415	28.710	40.125	-13.875	54.000	AVERAGE

**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 : 2013/07/24 - 17:44
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5825MHz

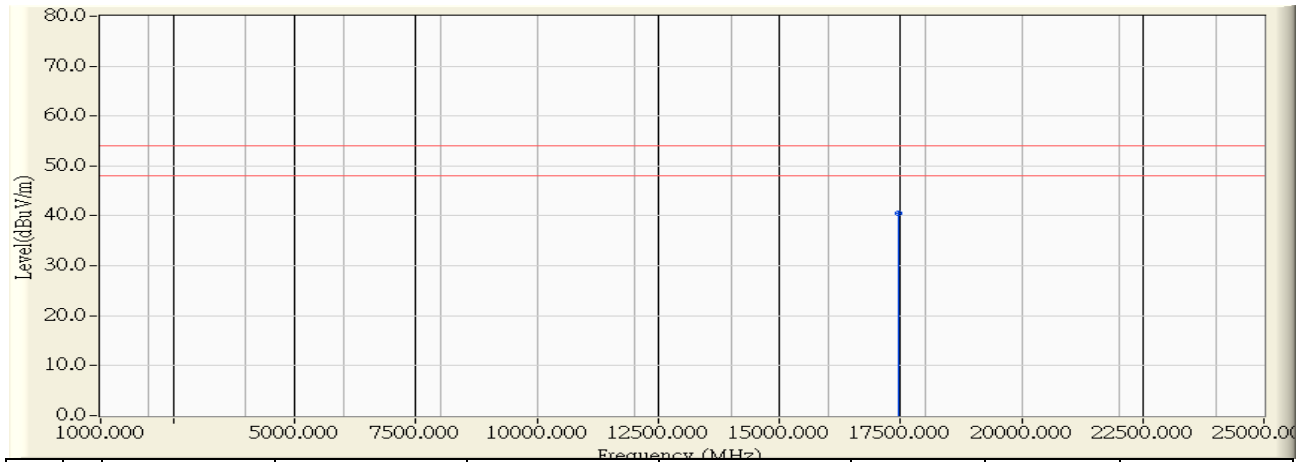


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	41.650	53.065	-20.935	74.000	PEAK
2	* 17475.000	16.526	38.690	55.216	-18.784	74.000	PEAK

**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 : 2013/07/24 - 17:44
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11a 5825MHz



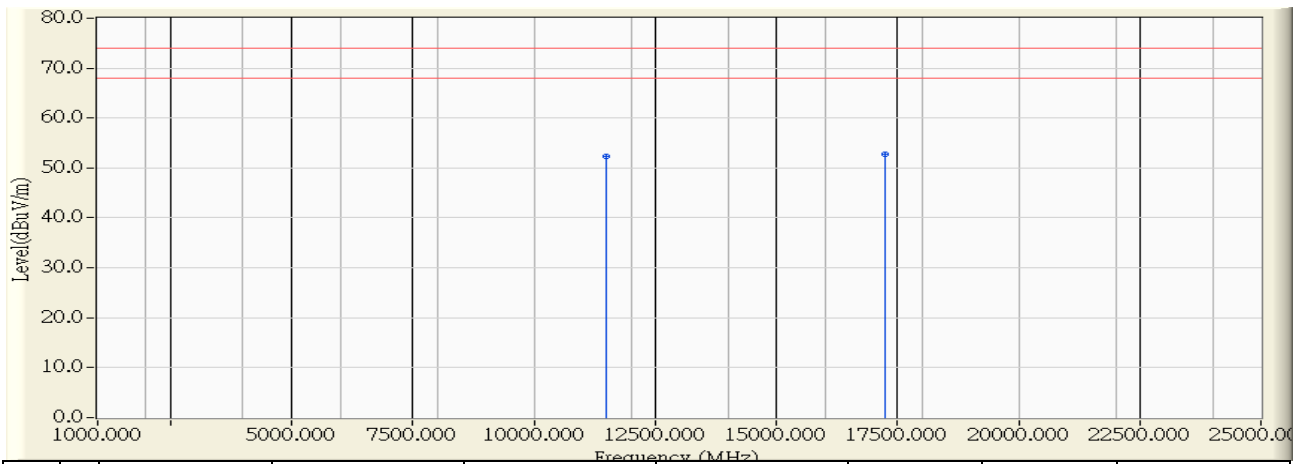
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	17475.000	16.526	23.926	40.452	-13.548	54.000	AVERAGE

**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 : 2013/07/24 - 17:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5745MHz

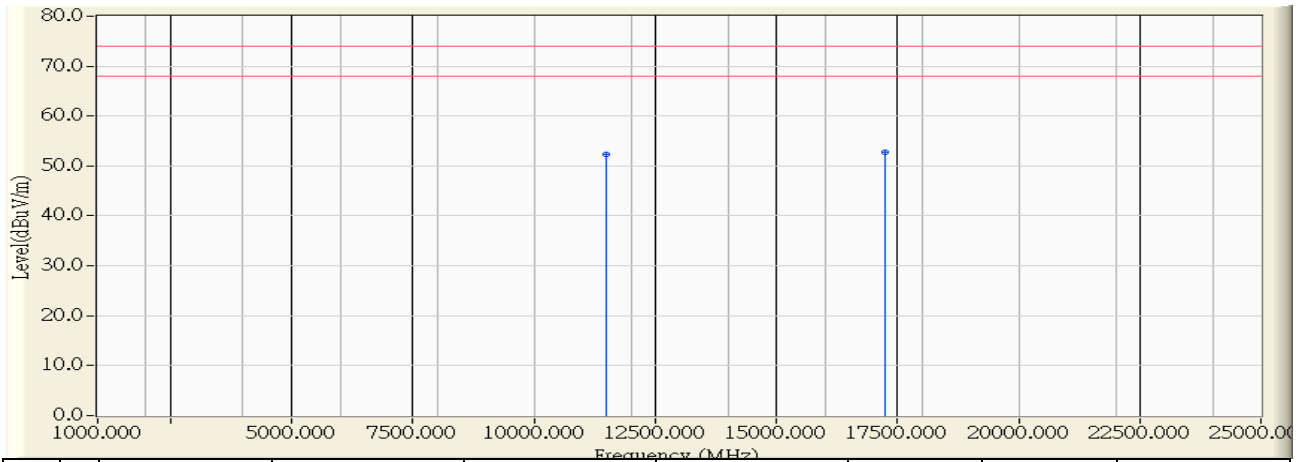


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	40.696	52.229	-21.771	74.000	PEAK
2	* 17235.000	15.422	37.363	52.785	-21.215	74.000	PEAK

**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 : 2013/07/24 - 17:49
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5745MHz

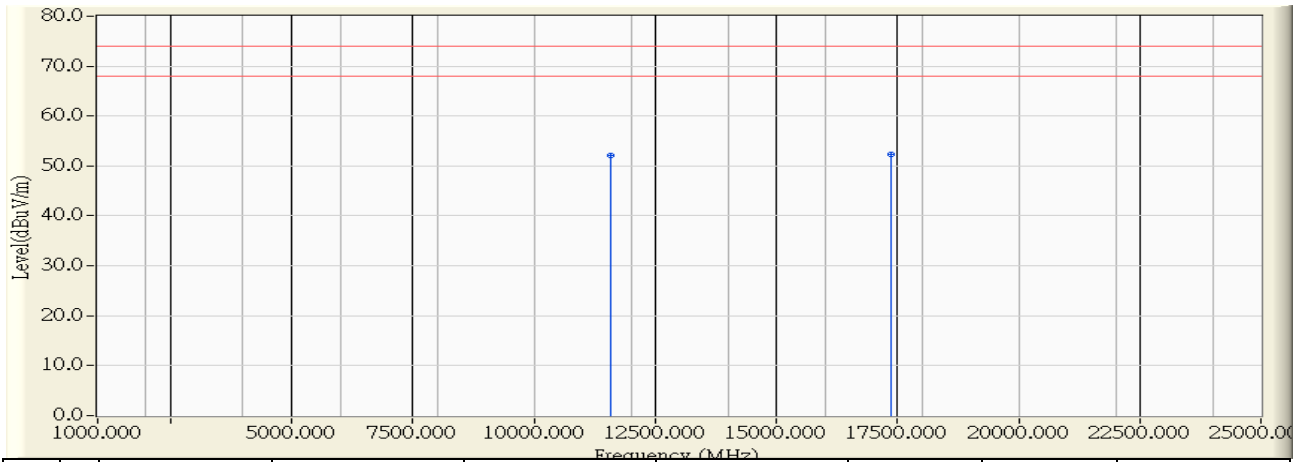


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11490.000	11.534	40.867	52.400	-21.600	74.000	PEAK
2	* 17235.000	15.422	37.433	52.855	-21.145	74.000	PEAK

**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 : 2013/07/24 - 17:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5785MHz

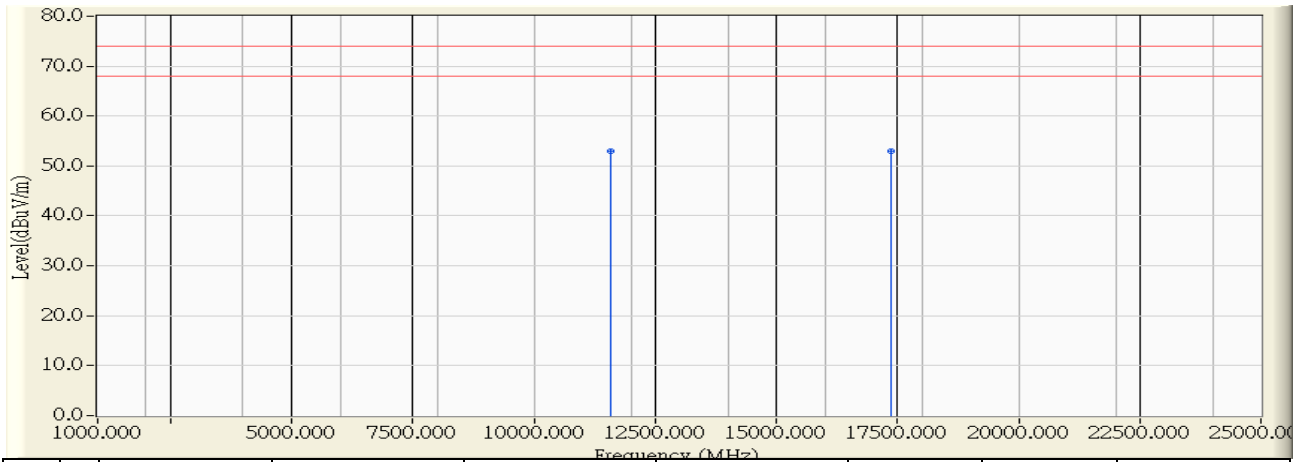


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11570.000	11.477	40.737	52.214	-21.786	74.000	PEAK
2	* 17355.000	15.974	36.314	52.288	-21.712	74.000	PEAK

**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 : 2013/07/24 - 17:52
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5785MHz

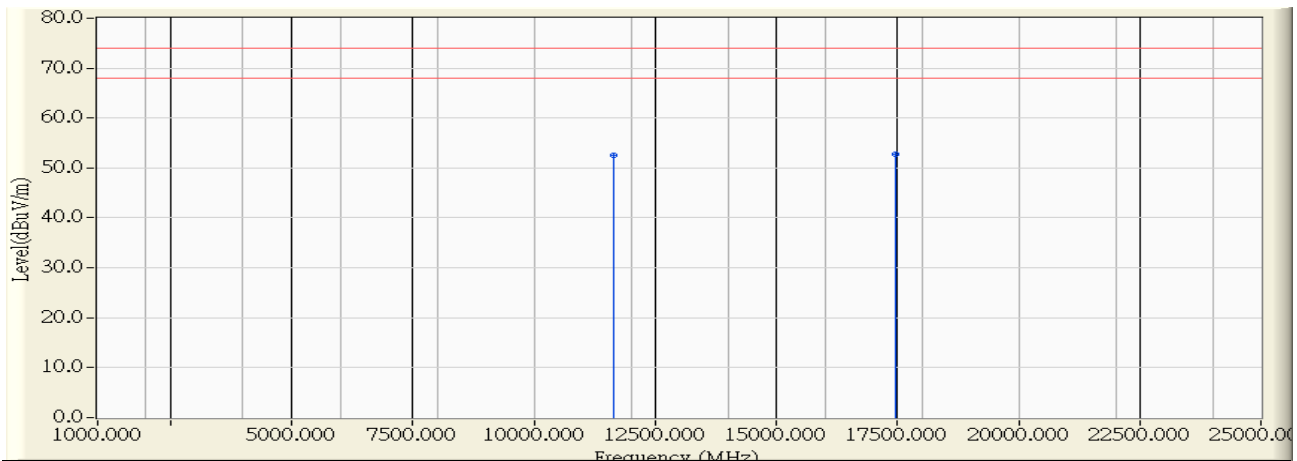


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.000	11.477	41.583	53.060	-20.940	74.000	PEAK
2		17355.000	15.974	36.911	52.885	-21.115	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2013/07/24 - 17:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5825MHz

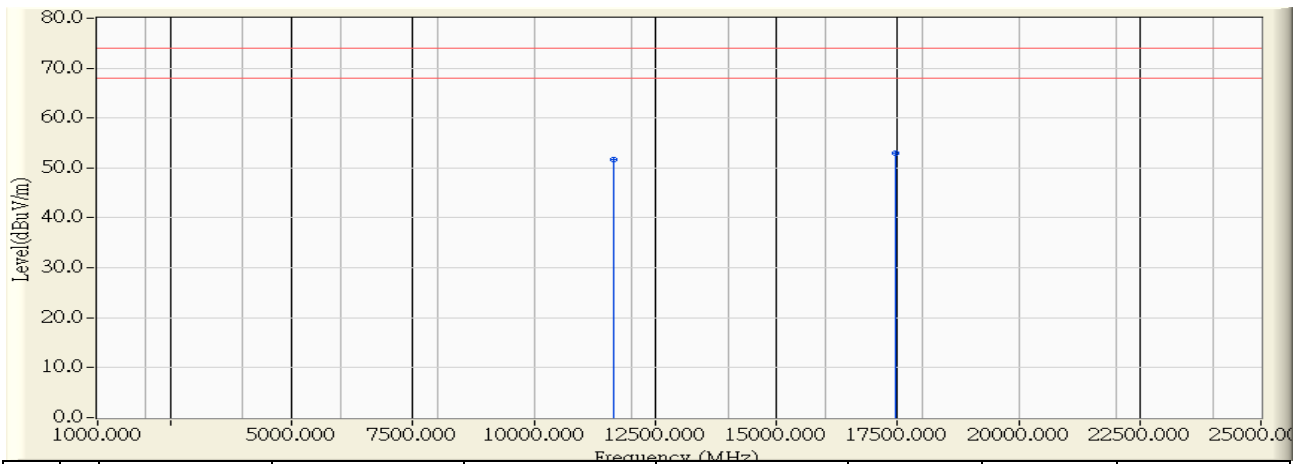


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	41.139	52.554	-21.446	74.000	PEAK
2	* 17475.000	16.526	36.327	52.853	-21.147	74.000	PEAK

**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 : 2013/07/24 - 17:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n20 5825MHz

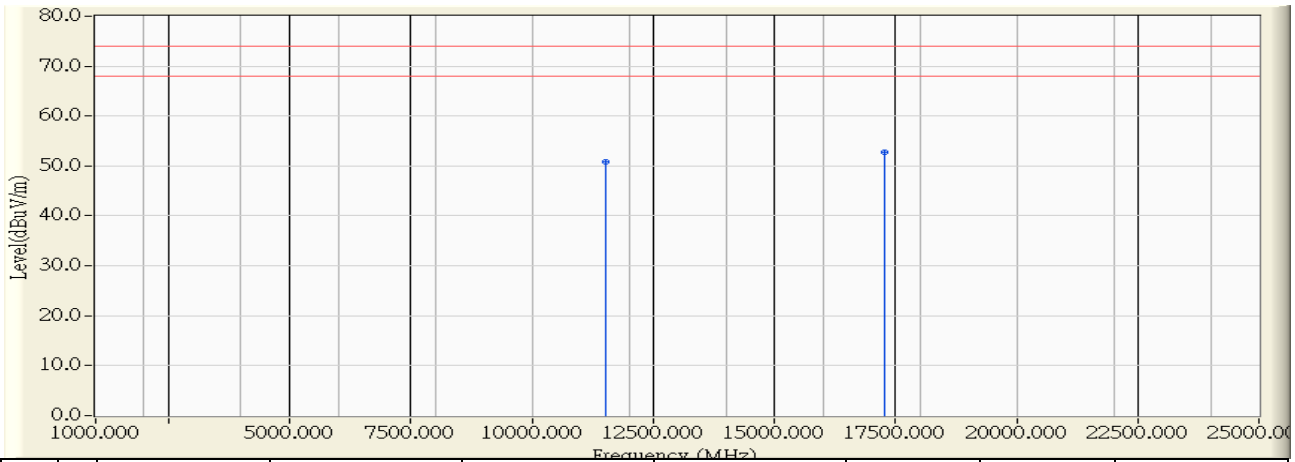


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11650.000	11.415	40.248	51.663	-22.337	74.000	PEAK
2	* 17475.000	16.526	36.364	52.890	-21.110	74.000	PEAK

**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 : 2013/07/24 - 17:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 5755MHz

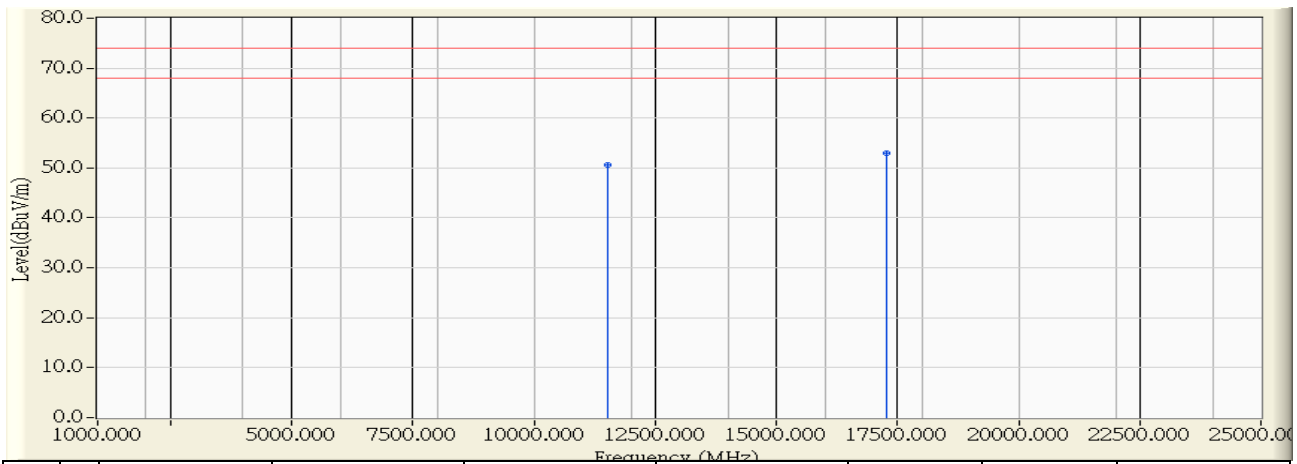


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11510.000	11.523	39.341	50.864	-23.136	74.000	PEAK
2	* 17265.000	15.560	37.298	52.858	-21.142	74.000	PEAK

**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 : 2013/07/24 - 18:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 5755MHz



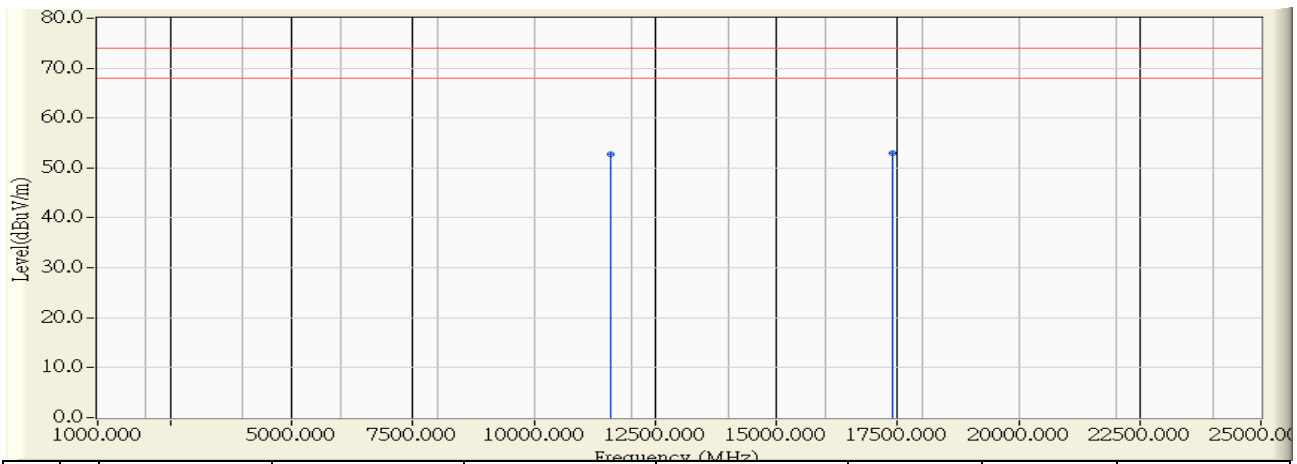
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11510.000	11.523	39.157	50.680	-23.320	74.000	PEAK
2	* 17265.000	15.560	37.434	52.994	-21.006	74.000	PEAK

**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 : 2013/07/24 - 18:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 5795MHz

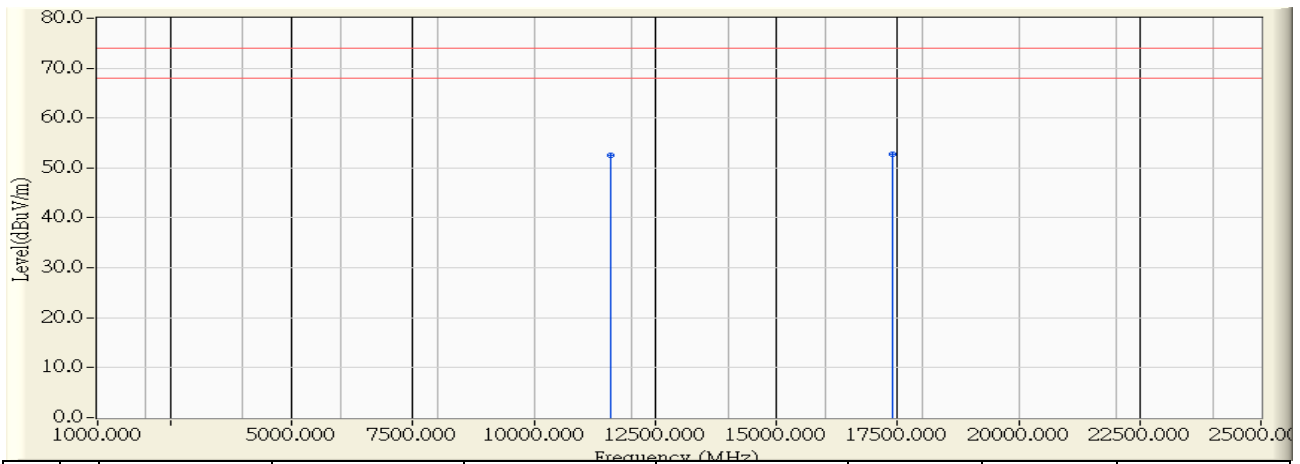


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11590.000	11.461	41.246	52.707	-21.293	74.000	PEAK
2	* 17385.000	16.112	36.786	52.898	-21.102	74.000	PEAK

**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 : 2013/07/24 - 18:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11n40 5795MHz

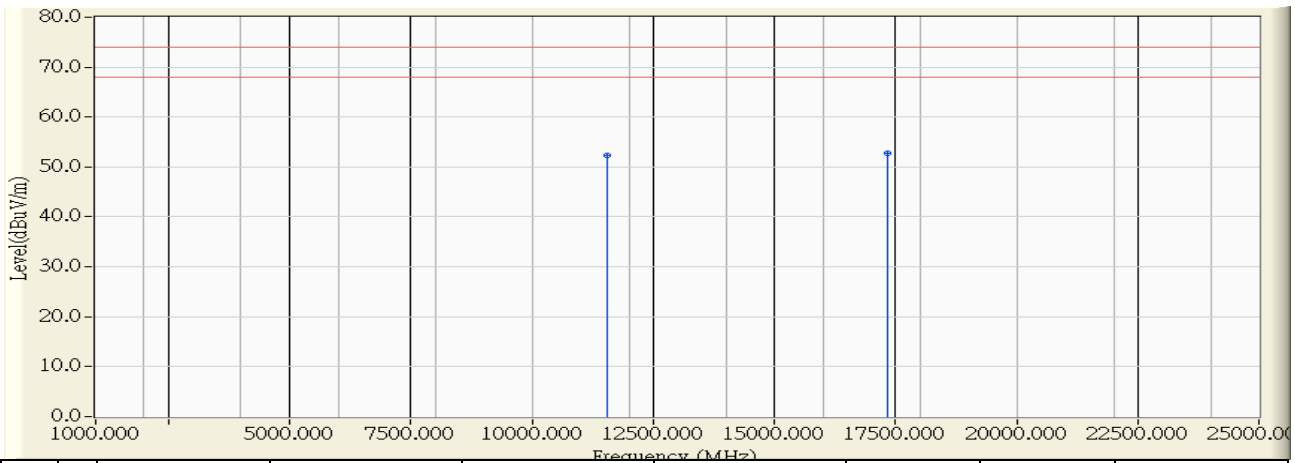


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11590.000	11.461	41.002	52.463	-21.537	74.000	PEAK
2	* 17385.000	16.112	36.648	52.760	-21.240	74.000	PEAK

**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 : 2013/07/24 - 18:04
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11ac80 5775MHz

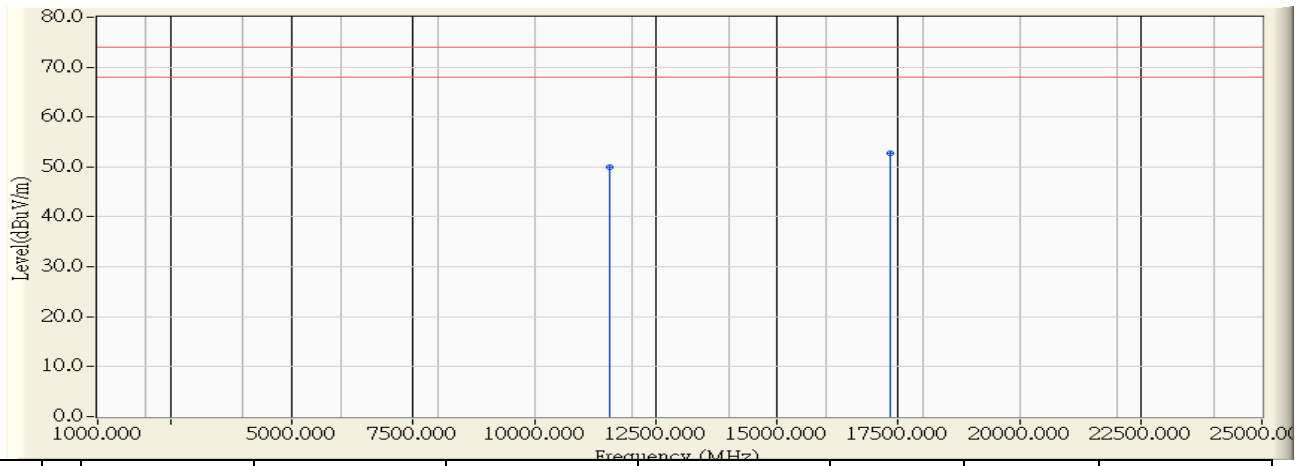


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11550.000	11.492	40.774	52.266	-21.734	74.000	PEAK
2	* 17325.000	15.836	36.968	52.804	-21.196	74.000	PEAK

**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 : 2013/07/24 - 18:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326_802.11ac80 5775MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	11550.000	11.492	38.578	50.070	-23.930	74.000	PEAK
2	* 17325.000	15.836	36.967	52.803	-21.197	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.