

# FCC Test Report

Product Name : Wireless-AC1900 Dual Band Gigabit Router  
Model No. : RT-AC68U, RT-AC68R, RT-AC68RW, TM-AC1900  
FCC ID. : MSQ-RTAC68U

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

Date of Receipt : 2014/06/17  
Issued Date : 2014/07/10  
Report No. : 1460476R-RFUSP28V00  
Report Version : V1.0



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

# Test Report Certification

Issued Date : 2014/07/10

Report No. : 1460476R-RFUSP28V00

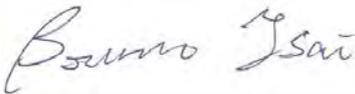


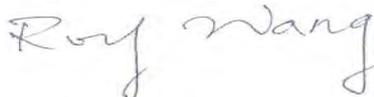
Product Name : Wireless-AC1900 Dual Band Gigabit Router  
 Applicant : ASUSTeK COMPUTER INC.  
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan  
 Manufacturer : Askey Technology (Jiangsu) Ltd.  
 Model No. : RT-AC68U, RT-AC68R, RT-AC68RW, TM-AC1900  
 FCC ID. : MSQ-RTAC68U  
 EUT Voltage : AC 100-240V, 50-60Hz  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2013  
 ANSI C63.10  
 Test Result : Complied

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of Quietek Corporation.

Documented By :   
 \_\_\_\_\_  
 ( Demi Chang / Engineering Adm. Specialist )

Reviewed By :   
 \_\_\_\_\_  
 ( Bruno Tsai / Assistant Engineer )

Approved By :   
 \_\_\_\_\_  
 ( Roy Wang / Director )

**Laboratory Information**

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

<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/>

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

**HsinChu Testing Laboratory:**

No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.

TEL:+886-3-592-8858 / FAX:+886-3-592-8859

E-Mail : [service@quietek.com](mailto:service@quietek.com)

**LinKou Testing Laboratory:**

No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.

TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789

E-Mail : [service@quietek.com](mailto:service@quietek.com)

## TABLE OF CONTENTS

Description	Page
1. General Information.....	7
1.1. EUT Description .....	7
1.2. Test Mode.....	15
1.3. Tested System Details.....	17
1.4. Configuration of tested System .....	18
1.5. EUT Exercise Software .....	18
1.6. Test Facility.....	19
2. Conducted Emission .....	20
2.1. Test Equipment.....	20
2.2. Test Setup .....	20
2.3. Limits .....	21
2.4. Test Procedure .....	21
2.5. Test Specification.....	21
2.6. Uncertainty .....	21
2.7. Test Result.....	22
2.8. Test Photo .....	34
3. Peak Power Output .....	37
3.1. Test Equipment.....	37
3.2. Test Setup .....	37
3.3. Test procedures.....	37
3.4. Limits .....	37
3.5. Test Specification.....	37
3.6. Uncertainty .....	37
3.7. Test Result.....	38
4. Radiated Emission .....	197
4.1. Test Equipment.....	197
4.2. Test Setup .....	198
4.3. Limits .....	199
4.4. Test Procedure .....	200
4.5. Test Specification.....	200
4.6. Uncertainty .....	200
4.7. Test Result.....	201
4.8. Test Photo .....	311
5. RF antenna conducted test .....	315
5.1. Test Equipment.....	315

---

5.2.	Test Setup .....	315
5.3.	Limits .....	316
5.4.	Test Procedure .....	316
5.5.	Test Specification.....	316
5.6.	Uncertainty .....	316
5.7.	Test Result.....	317
6.	Radiated Emission Band Edge.....	403
6.1.	Test Equipment.....	403
6.2.	Test Setup .....	403
6.3.	Limits .....	404
6.4.	Test Procedure .....	404
6.5.	Test Specification.....	404
6.6.	Uncertainty .....	404
6.7.	Test Result.....	405
7.	DTS Bandwidth .....	505
7.1.	Test Equipment.....	505
7.2.	Test Setup .....	505
7.3.	Test Procedures .....	505
7.4.	Limits .....	505
7.5.	Test Specification.....	505
7.6.	Uncertainty .....	505
7.7.	Test Result.....	506
8.	Occupied Bandwidth .....	590
8.1.	Test Equipment.....	590
8.2.	Test Setup .....	590
8.3.	Test Procedures .....	590
8.4.	Limits .....	590
8.5.	Test Specification.....	590
8.6.	Uncertainty .....	590
9.	Power Density .....	639
9.1.	Test Equipment.....	639
9.2.	Test Setup .....	639
9.3.	Limits .....	639
9.4.	Test Procedures .....	639
9.5.	Test Specification.....	639
9.6.	Uncertainty .....	639
9.7.	Test Result.....	640

---

---

Attachement.....	758
EUT Photograph.....	758

## 1. General Information

### 1.1. EUT Description

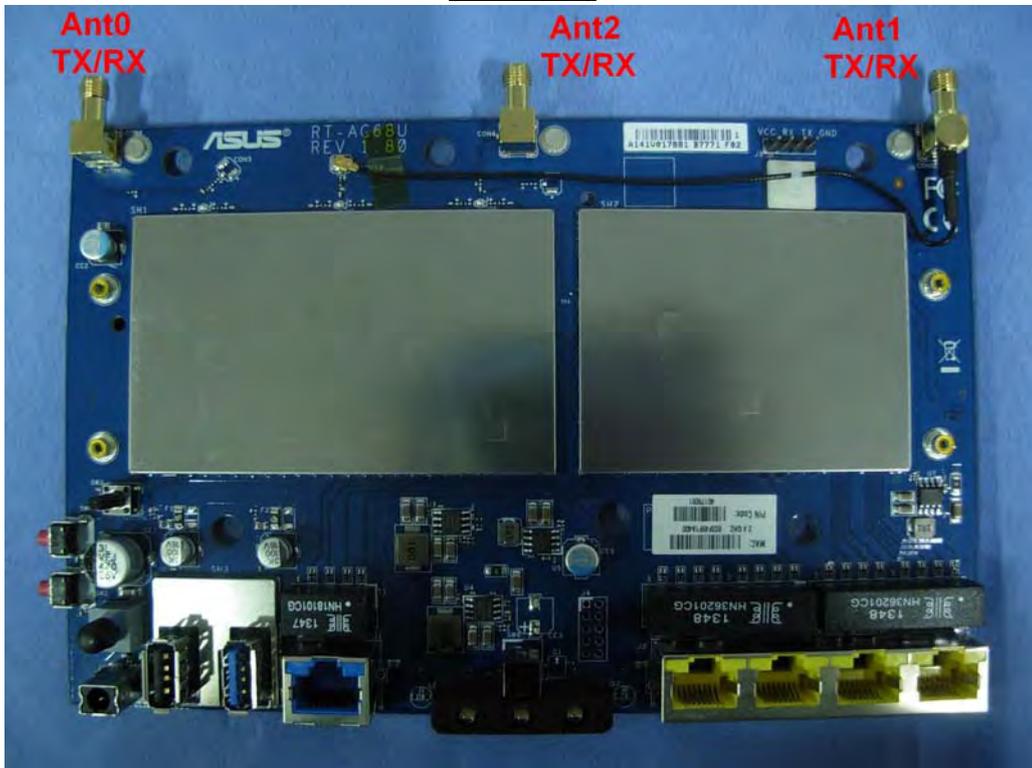
Product Name	Wireless-AC1900 Dual Band Gigabit Router
Product Type	WLAN (3TX, 3RX)
Trade Name	ASUS
Model No.	RT-AC68U, RT-AC68R, RT-AC68RW, TM-AC1900
Frequency Range/Channel Number -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
Frequency Range/Channel Number -IEEE 802.11n(40MHz) _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/ac)	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	WAISIN, RFDPA141000SBLB802 Antenna: 2.4G: Ant0: 1.91dBi, Ant1: 1.91dBi, Ant2: 1.91dBi 5G: Ant0: 4.04dBi, Ant1: 4.04dBi, Ant2: 4.04dBi MAG., EDA-1410-25GR2-A1 Antenna: 2.4G: Ant0: 1.91dBi, Ant1: 1.91dBi, Ant2: 1.91dBi 5G: Ant0: 4.04dBi, Ant1: 4.04dBi, Ant2: 4.04dBi 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
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
Dipole Antenna	Master Wave, 98611PRSX003,3pcs
Power Adapter	Enertronix, EXA1206UH I/P: 100-240V~50/60Hz, 1.0A O/P: 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 2.4m
Power Adapter	PIE, AD890326 I/P: 100-240V~50/60Hz, 0.8A O/P: 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 2.4m
Power Adapter	Delta, ADP-33AW I/P: 100-240V~50/60Hz, 1.0A O/P: 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 2.2m

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 &amp; 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 &amp; 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: 1460476R-RFUSP59V00.
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 1430116R-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.
7. The variation of model number is for different strategy of marketing.
8. This report is class II Change from 1430116R.

**1.2. Test Mode**

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

TX	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH Mode 3: Transmit (CDD Mode)_Adapter: AD890326 Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW Mode 5: Transmit (SISO Mode)_Adapter: EXA1206UH
----	---

Test Items	Mode	Modulation	Channel	Antenna	Result
Conducted Emission	1/3/4	11n(40MHz)	6	0+1+2	Complies
	1/3/4	11ac(80MHz)	155	0+1+2	Complies
Peak Power Output	1	a	149/ 157/ 165	0+1+2	Complies
	1/5	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	1/3/4	a	149/ 157/ 165	0+1+2	Complies
	1/3/4	b/g	1/ 6/ 11	0+1+2	Complies
	1/3/4	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	1/3/4	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	1/3/4	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

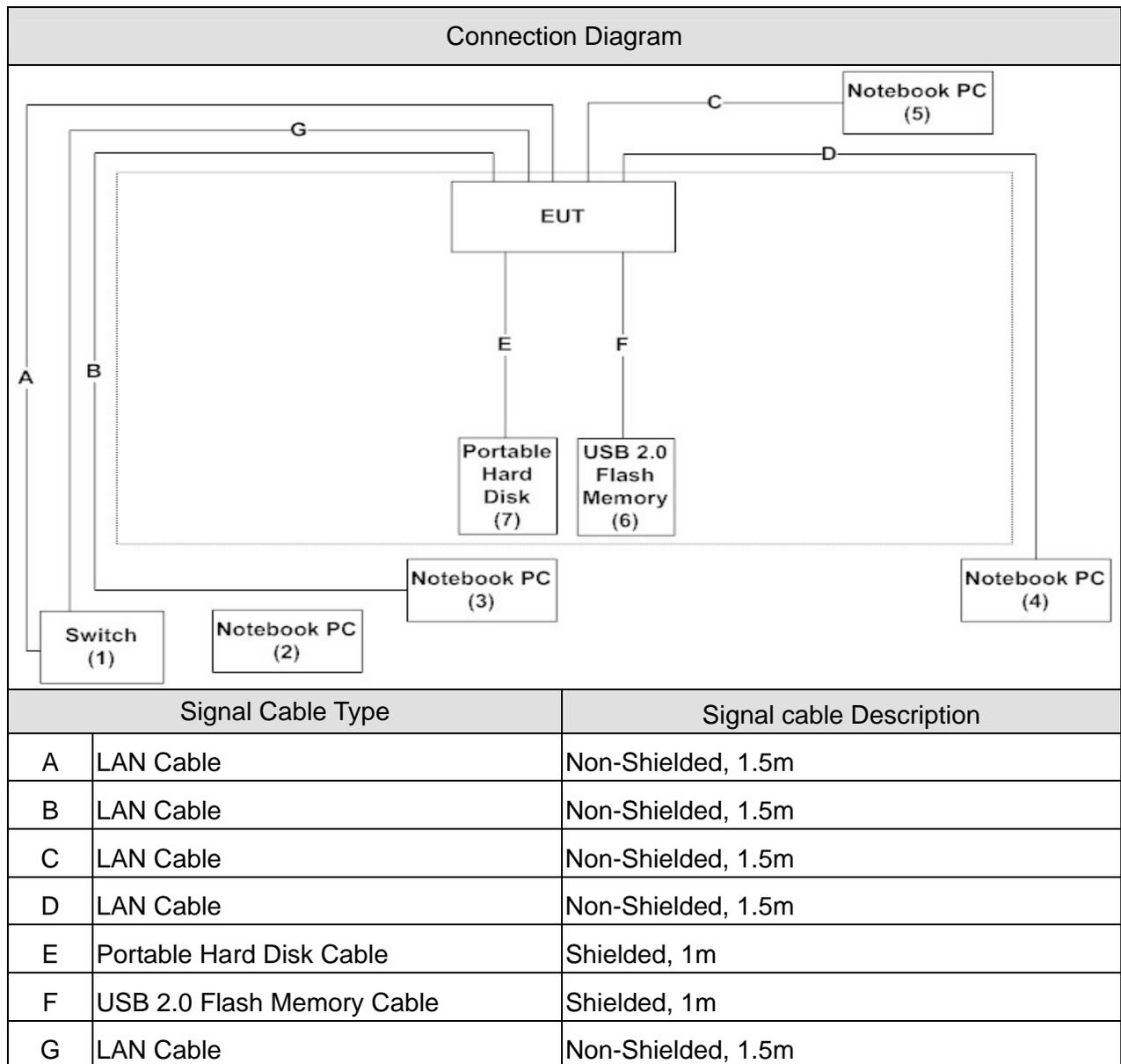
Test Items	Mode	Modulation	Channel	Antenna	Result
Occupied Bandwidth	1	a	149/ 157/ 165	0/1/2	Complies
	1	b/g	1/ 6/ 11	0/1/2	Complies
	1	11n/ac(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0/1/2	Complies
	1	11n/ac(40MHz)	3/ 6/ 9/ 151/ 159	0/1/2	Complies
	1	11ac(80MHz)	155	0/1/2	Complies
Power Density	1	a	149/ 157/ 165	0+1+2	Complies
	1/5	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

### 1.3. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	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	--

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
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.

**1.6. Test Facility**

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density	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 (2.4G:Mode1、3)

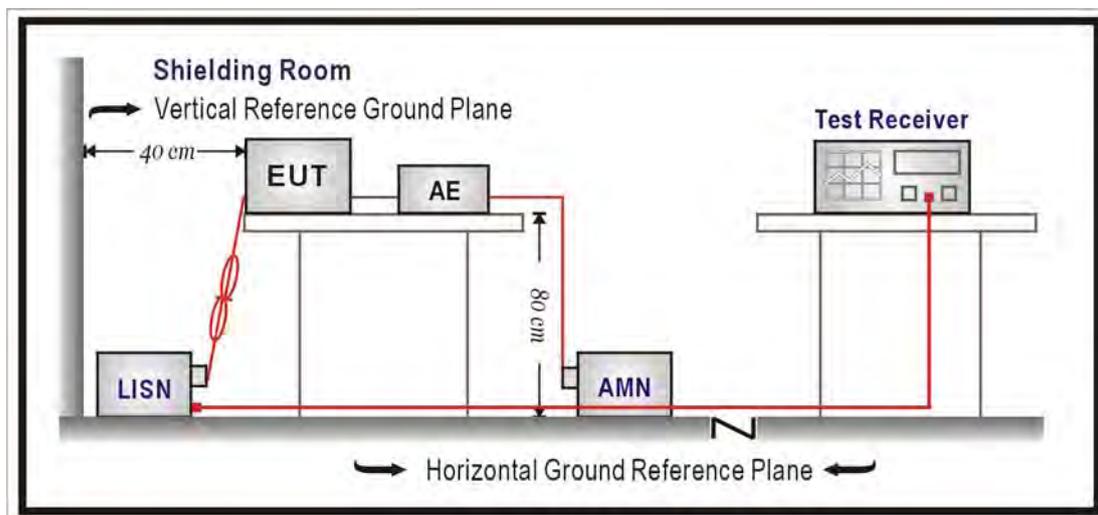
Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2013/08/12
LISN	R&S	ESH3-Z5	836679/022	2014/01/20
Test Receiver	R&S	ESCS 30	825442/017	2014/01/01

Conducted Emission / SR2 (5G:Mode1、4, 2.4G:Mode4)

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2015/02/09
LISN	R&S	ENV216	100092	2014/08/08
Test Receiver	R&S	ESCS 30	825442/014	2014/07/30

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 C63.10 and tested according to DTS test procedure of 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**

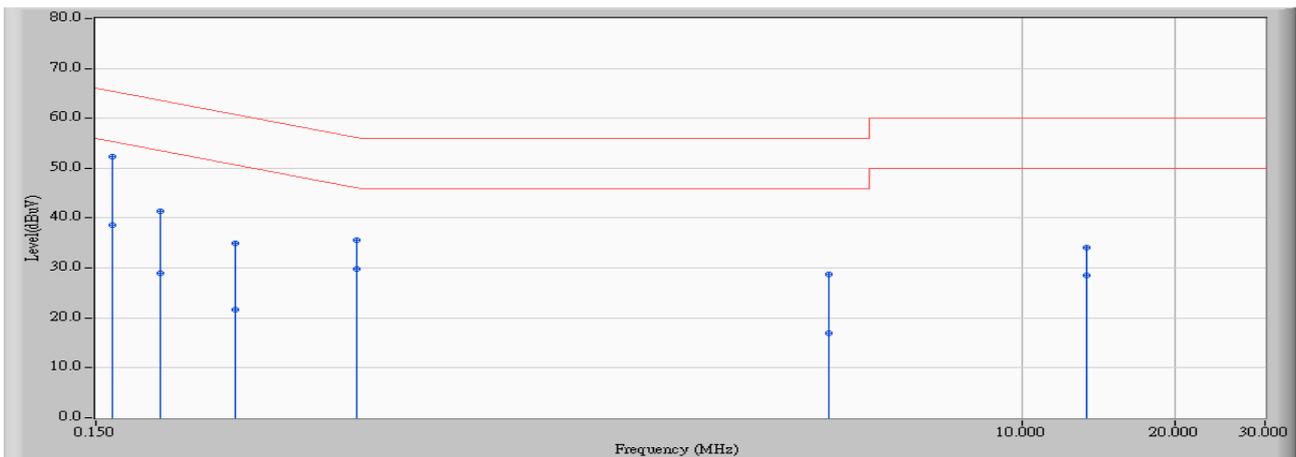
According to FCC Part 15 Subpart C Paragraph 15.207: 2013

**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

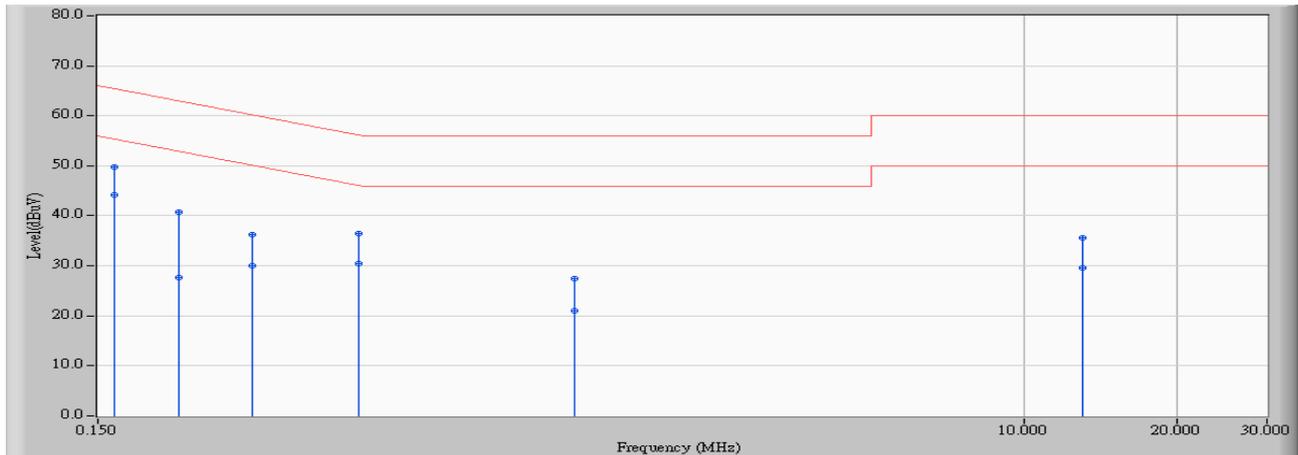


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.162	9.785	42.590	52.375	-13.000	65.375	QUASPEAK
2		0.162	9.785	28.840	38.625	-16.750	55.375	AVERAGE
3		0.201	9.685	31.630	41.315	-22.263	63.578	QUASPEAK
4		0.201	9.685	19.220	28.905	-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

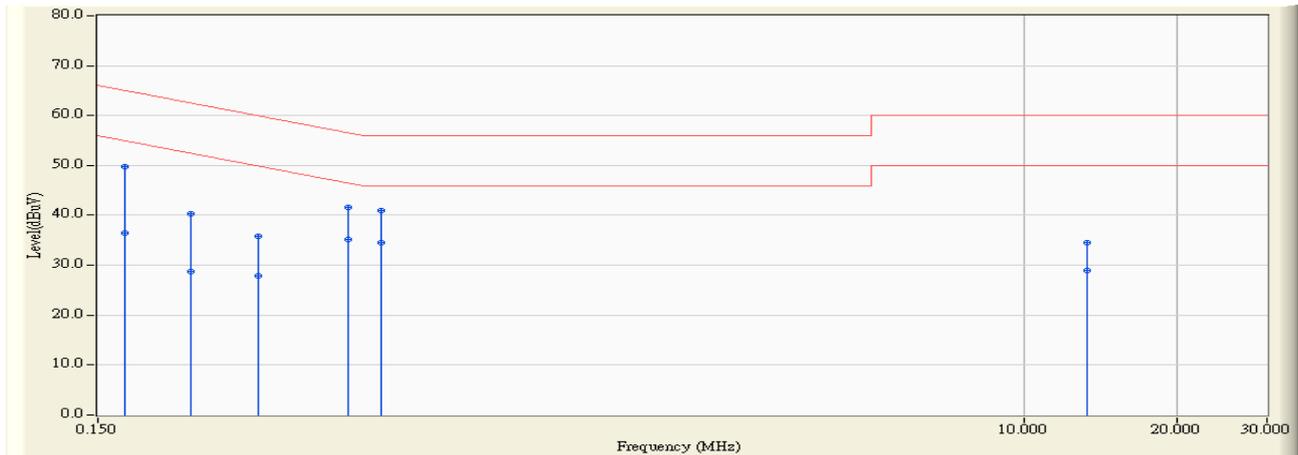


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.640	40.120	49.760	-15.615	65.375	QUASPEAK
2	*	0.162	9.640	34.540	44.180	-11.195	55.375	AVERAGE
3		0.216	9.666	31.070	40.737	-22.219	62.956	QUASPEAK
4		0.216	9.666	18.050	27.717	-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 : SR2	Time : 2014/06/30 - 16:45
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line1	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5775MHz

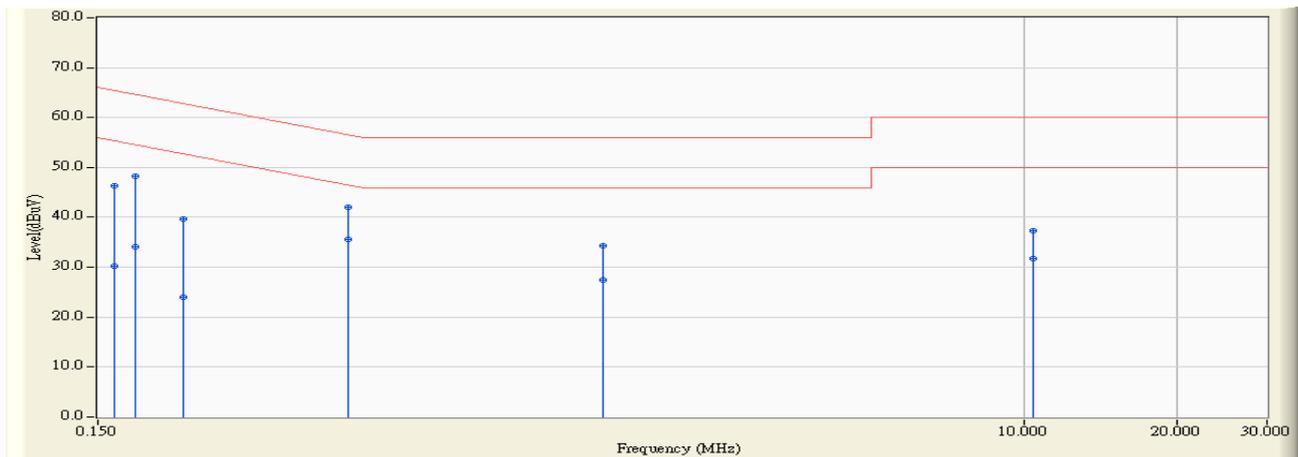


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.170	9.638	40.060	49.698	-15.285	64.983	QUASPEAK
2	0.170	9.638	26.820	36.458	-18.525	54.983	AVERAGE
3	0.228	9.652	30.660	40.312	-22.206	62.518	QUASPEAK
4	0.228	9.652	19.150	28.802	-23.716	52.518	AVERAGE
5	0.310	9.675	26.100	35.775	-24.191	59.966	QUASPEAK
6	0.310	9.675	18.160	27.835	-22.131	49.966	AVERAGE
7	0.466	9.721	31.910	41.631	-14.946	56.578	QUASPEAK
8	*	9.721	25.400	35.121	-11.456	46.578	AVERAGE
9	0.541	9.732	31.160	40.892	-15.108	56.000	QUASPEAK
10	0.541	9.732	24.790	34.522	-11.478	46.000	AVERAGE
11	13.236	10.194	24.270	34.464	-25.536	60.000	QUASPEAK
12	13.236	10.194	18.750	28.944	-21.056	50.000	AVERAGE

**Note:**

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

Site : SR2	Time : 2014/06/30 - 16:50
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line2	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5775MHz

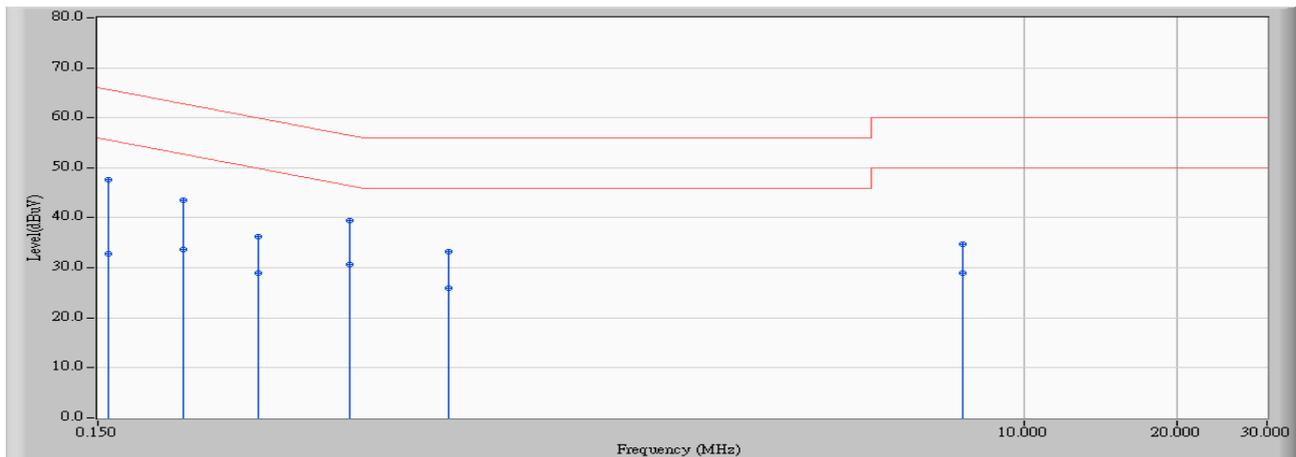


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.623	36.710	46.333	-19.042	65.375	QUASPEAK
2	0.162	9.623	20.560	30.183	-25.192	55.375	AVERAGE
3	0.177	9.628	38.650	48.278	-16.332	64.609	QUASPEAK
4	0.177	9.628	24.510	34.138	-20.472	54.609	AVERAGE
5	0.220	9.639	29.960	39.599	-23.208	62.807	QUASPEAK
6	0.220	9.639	14.340	23.979	-28.828	52.807	AVERAGE
7	0.466	9.701	32.390	42.091	-14.486	56.578	QUASPEAK
8	*	9.701	25.840	35.541	-11.036	46.578	AVERAGE
9	1.482	9.773	24.470	34.243	-21.757	56.000	QUASPEAK
10	1.482	9.773	17.770	27.543	-18.457	46.000	AVERAGE
11	10.365	10.141	27.090	37.232	-22.768	60.000	QUASPEAK
12	10.365	10.141	21.550	31.692	-18.308	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: AD890326-802.11n(40M)_2437MHz_2437MHz

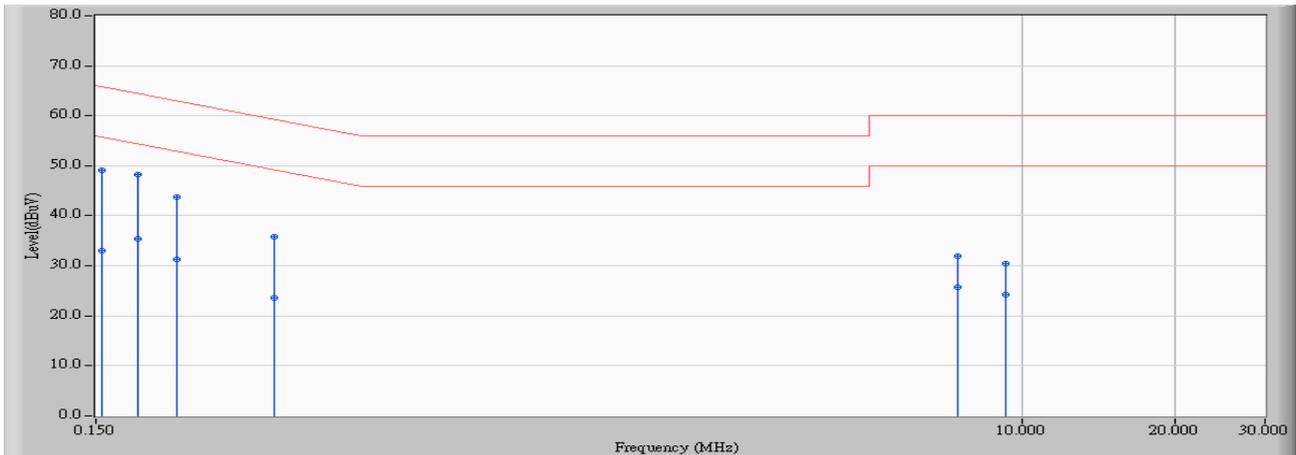


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.158	9.799	37.760	47.559	-18.019	65.578	QUASPEAK
2	0.158	9.799	22.950	32.749	-22.829	55.578	AVERAGE
3	0.220	9.670	33.950	43.620	-19.188	62.807	QUASPEAK
4	0.220	9.670	23.900	33.570	-19.238	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

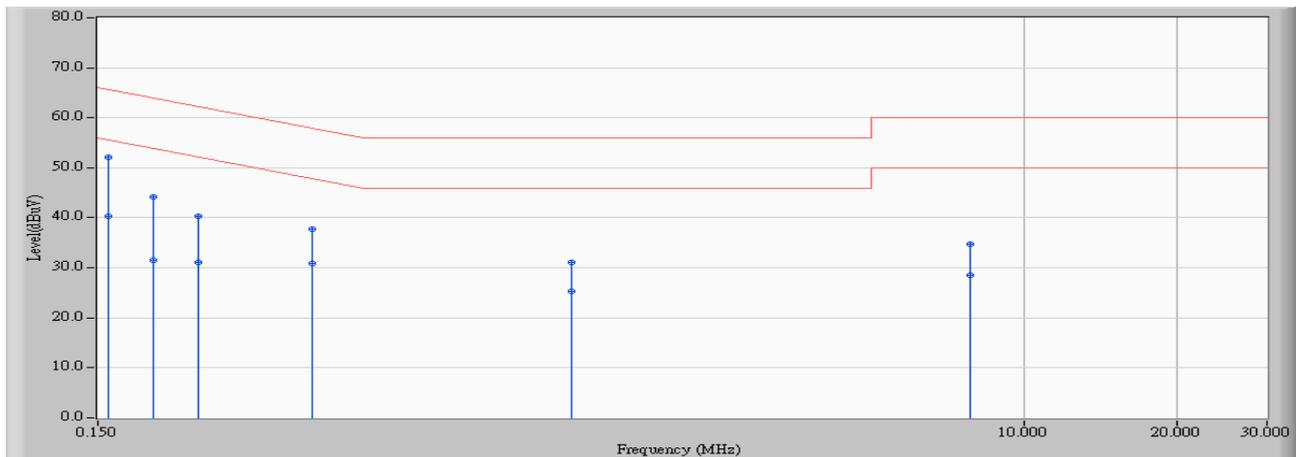


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.154	9.639	39.410	49.049	-16.738	65.786	QUASPEAK
2	0.154	9.639	23.490	33.129	-22.658	55.786	AVERAGE
3	* 0.181	9.649	38.710	48.359	-16.069	64.428	QUASPEAK
4	0.181	9.649	25.750	35.399	-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

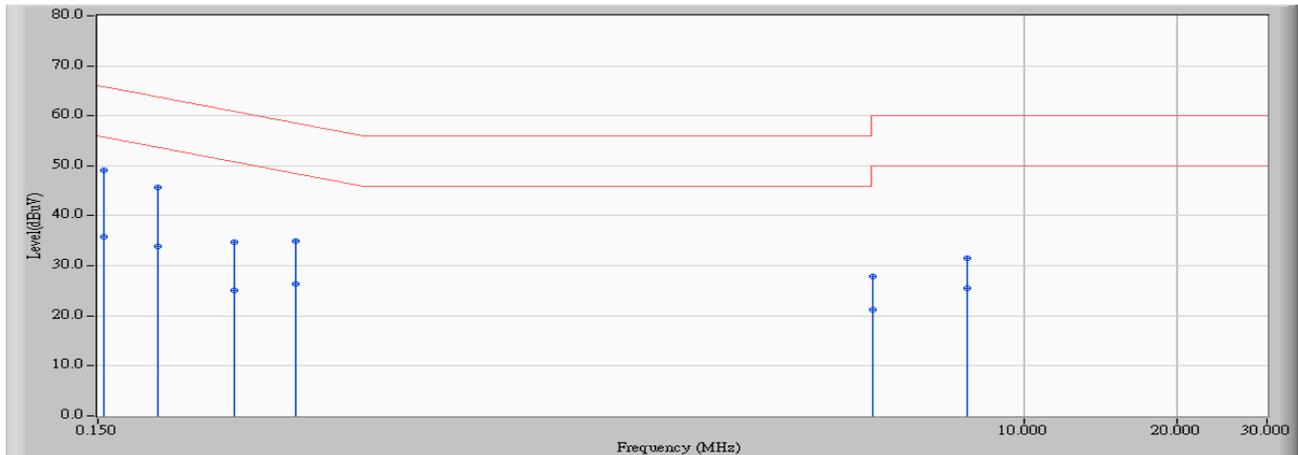


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.158	9.799	42.290	52.089	-13.489	65.578	QUASPEAK
2		0.158	9.799	30.480	40.279	-15.299	55.578	AVERAGE
3		0.193	9.692	34.430	44.122	-19.786	63.908	QUASPEAK
4		0.193	9.692	21.770	31.462	-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

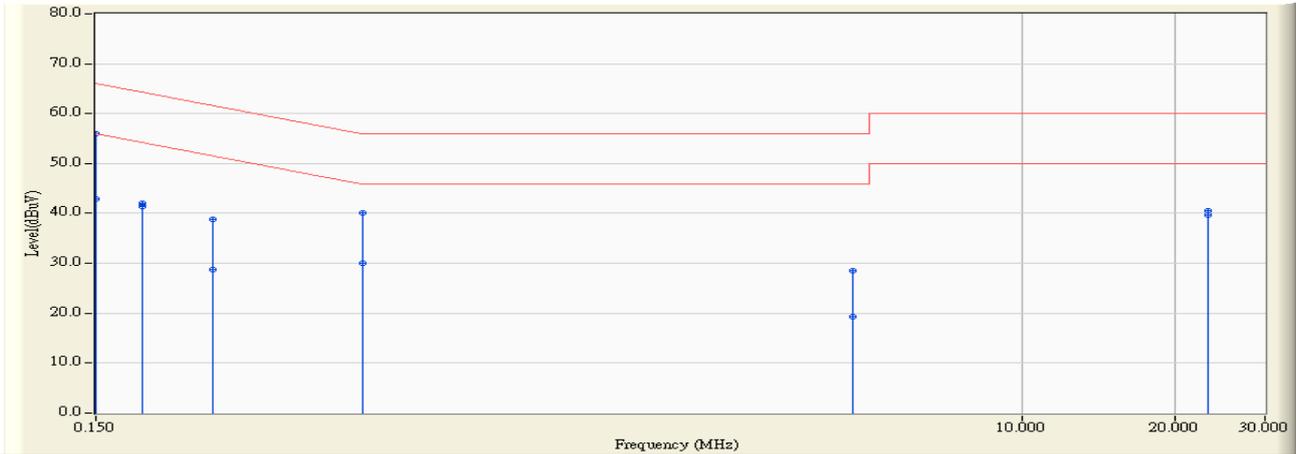


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.639	39.530	49.169	-16.618	65.786	QUASPEAK
2		0.154	9.639	26.210	35.849	-19.938	55.786	AVERAGE
3		0.197	9.657	36.100	45.757	-17.984	63.741	QUASPEAK
4		0.197	9.657	24.290	33.947	-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.

Site : SR2	Time : 2014/07/10 - 09:46
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line1	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW_802.11n(40M)_2437MHz

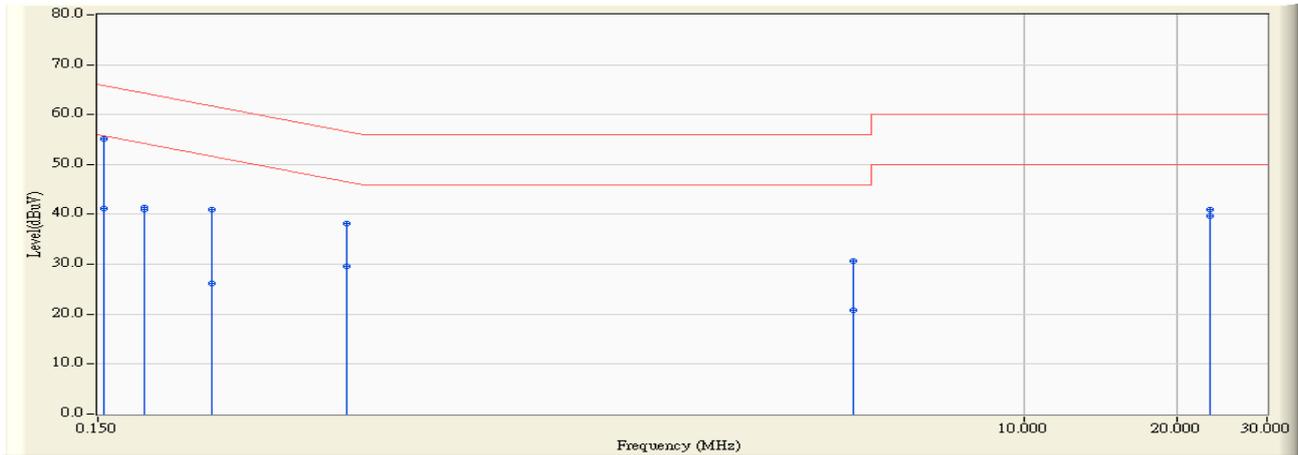


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.150	9.637	46.287	55.924	-10.074	65.997	QUASPEAK
2		0.150	9.637	33.296	42.933	-23.064	65.997	AVERAGE
3		0.185	9.642	32.366	42.008	-22.983	64.991	QUASPEAK
4		0.185	9.642	31.799	41.441	-23.547	64.988	AVERAGE
5		0.255	9.660	29.201	38.861	-24.133	62.994	QUASPEAK
6		0.255	9.660	19.074	28.734	-34.260	62.994	AVERAGE
7		0.502	9.730	30.361	40.091	-15.909	56.000	QUASPEAK
8		0.502	9.730	20.265	29.995	-26.005	56.000	AVERAGE
9		4.634	9.953	18.475	28.428	-27.572	56.000	QUASPEAK
10		4.634	9.953	9.419	19.372	-36.628	56.000	AVERAGE
11		23.126	10.171	30.458	40.629	-19.371	60.000	QUASPEAK
12		23.127	10.171	29.417	39.588	-20.412	60.000	AVERAGE

**Note:**

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

Site : SR2	Time : 2014/07/10 - 09:57
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line2	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW_802.11n(40M)_2437MHz

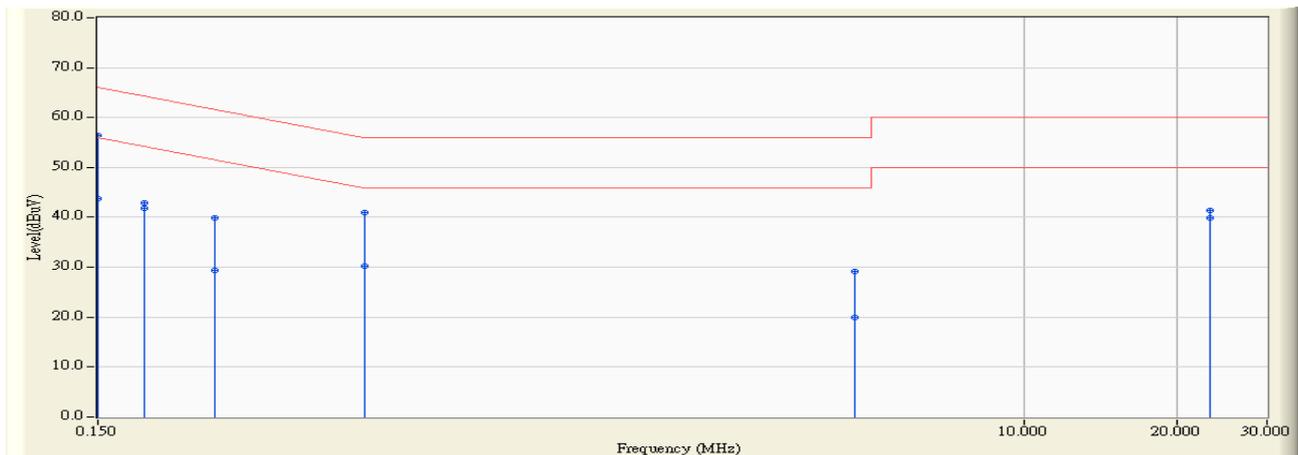


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.622	45.510	55.132	-10.763	65.895	QUASPEAK
2		0.154	9.622	31.501	41.123	-24.764	65.888	AVERAGE
3		0.185	9.630	31.819	41.449	-23.543	64.992	QUASPEAK
4		0.185	9.630	31.313	40.943	-24.051	64.993	AVERAGE
5		0.252	9.647	31.285	40.932	-22.163	63.094	QUASPEAK
6		0.251	9.647	16.566	26.213	-36.890	63.103	AVERAGE
7		0.463	9.700	28.499	38.199	-18.869	57.068	QUASPEAK
8		0.462	9.700	19.870	29.570	-27.508	57.078	AVERAGE
9		4.607	9.945	20.626	30.571	-25.429	56.000	QUASPEAK
10		4.607	9.945	10.835	20.780	-35.220	56.000	AVERAGE
11		23.127	10.307	30.577	40.884	-19.116	60.000	QUASPEAK
12		23.127	10.307	29.332	39.639	-20.361	60.000	AVERAGE

**Note:**

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

Site : SR2	Time : 2014/07/03 - 16:47
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line1	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW_802.11ac(80M)_5775MHz

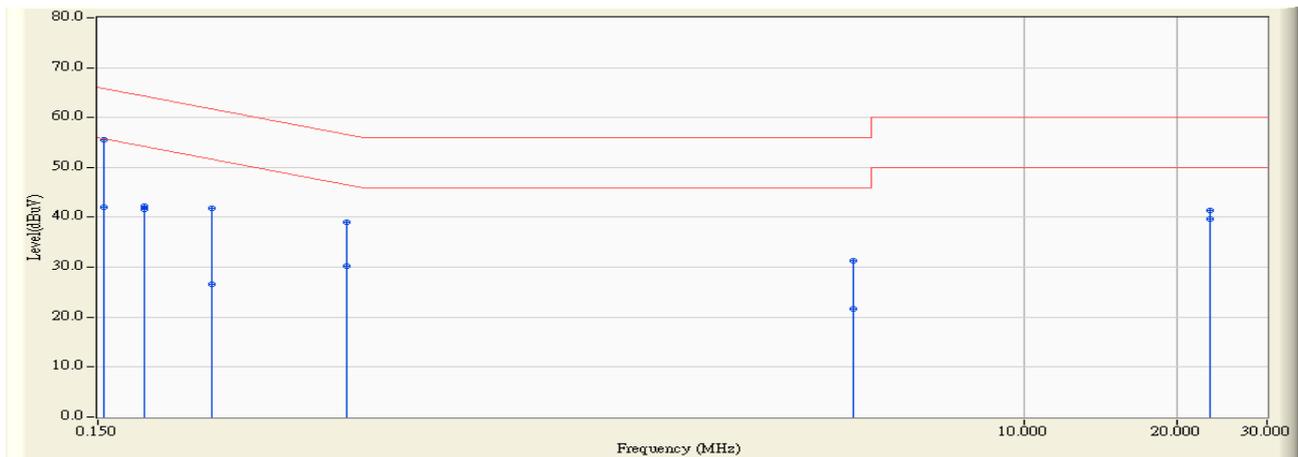


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.150	9.637	46.830	56.467	-9.533	66.000	QUASPEAK
2		0.150	9.637	34.150	43.787	-12.213	56.000	AVERAGE
3		0.185	9.642	33.220	42.861	-21.382	64.244	QUASPEAK
4		0.185	9.642	32.180	41.821	-12.422	54.244	AVERAGE
5		0.255	9.660	30.170	39.830	-21.748	61.577	QUASPEAK
6		0.255	9.660	19.720	29.380	-22.198	51.577	AVERAGE
7		0.502	9.730	31.220	40.950	-15.050	56.000	QUASPEAK
8		0.502	9.730	20.510	30.240	-15.760	46.000	AVERAGE
9		4.634	9.953	19.260	29.213	-26.787	56.000	QUASPEAK
10		4.634	9.953	10.030	19.983	-26.017	46.000	AVERAGE
11		23.127	10.171	31.200	41.371	-18.629	60.000	QUASPEAK
12		23.127	10.171	29.790	39.961	-10.039	50.000	AVERAGE

**Note:**

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

Site : SR2	Time : 2014/07/03 - 16:52
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-3_0822 - Line2	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW_802.11ac(80M)_5775MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.622	46.000	55.622	-10.164	65.786	QUASIPeAK
2		0.154	9.622	32.330	41.952	-13.834	55.786	AVERAGE
3		0.185	9.630	32.710	42.340	-21.911	64.251	QUASIPeAK
4		0.185	9.630	31.890	41.520	-12.731	54.251	AVERAGE
5		0.252	9.647	32.240	41.886	-19.819	61.705	QUASIPeAK
6		0.252	9.647	17.030	26.676	-25.029	51.705	AVERAGE
7		0.463	9.700	29.310	39.010	-17.638	56.648	QUASIPeAK
8		0.463	9.700	20.630	30.330	-16.318	46.648	AVERAGE
9		4.607	9.945	21.340	31.285	-24.715	56.000	QUASIPeAK
10		4.607	9.945	11.730	21.675	-24.325	46.000	AVERAGE
11		23.127	10.307	31.000	41.308	-18.692	60.000	QUASIPeAK
12		23.127	10.307	29.380	39.688	-10.312	50.000	AVERAGE

**Note:**

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

**3. Peak Power Output**

**3.1. Test Equipment**

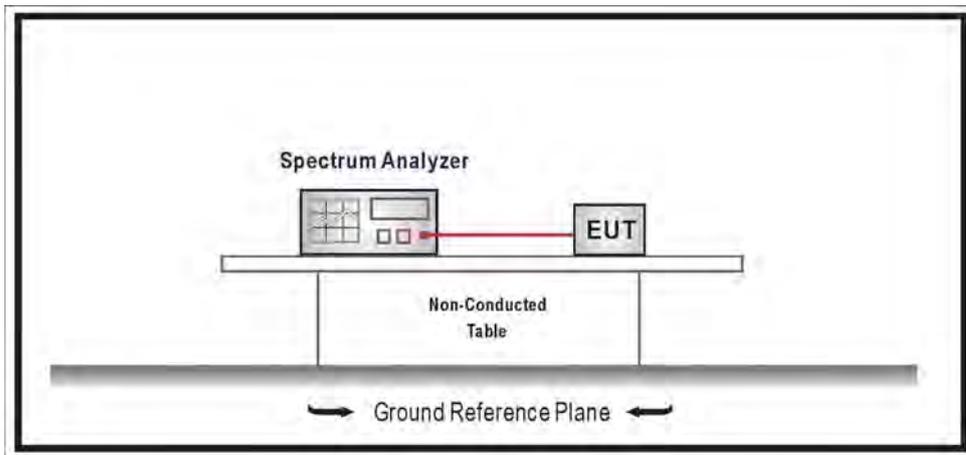
The following test equipments are used during the test:

Peak Power Output/ SR7

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

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

**3.2. Test Setup**



**3.3. Test procedures**

The EUT was tested according to DTS test procedure section 9.2.2.2 of KDB558074 v03r02 measurement to FCC 47CFR 15.247 requirements. Set the RBW=1-5% of the OBW, Set the VBW  $\geq 3 \times$  RBW, Sweep Time=Auto, Set RMS Detector.

**3.4. Limits**

The maximum peak power shall be less 1 Watt.

**3.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

**3.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  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	2014/03/12	Test Site	SR7

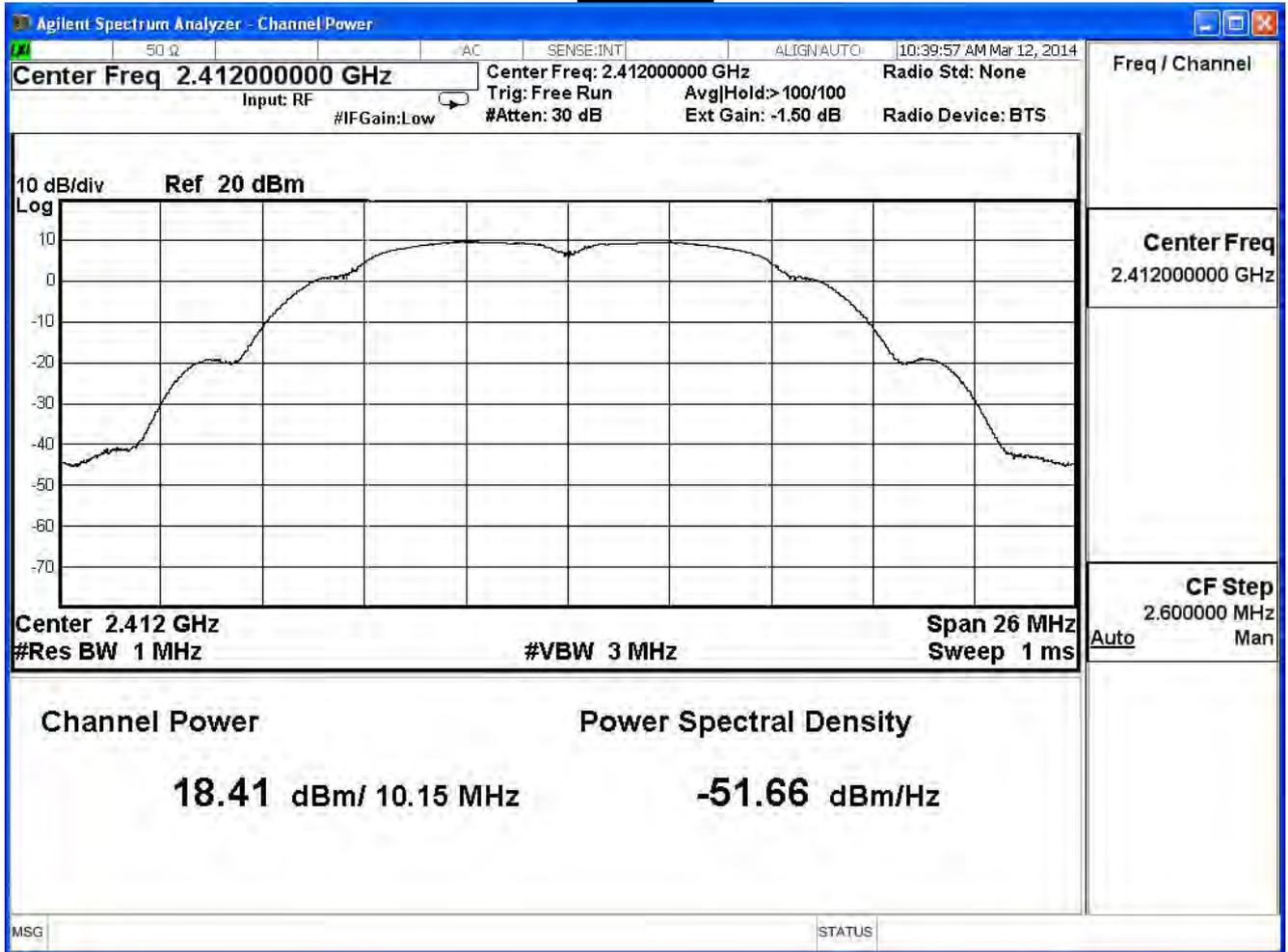
IEEE 802.11b (ANT0) , power index: ch1:76, ch6:76, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.41	≤ 30	Pass
6	2437	19.01	≤ 30	Pass
11	2462	18.67	≤ 30	Pass

The worst emission of data rate is 1Mbps.

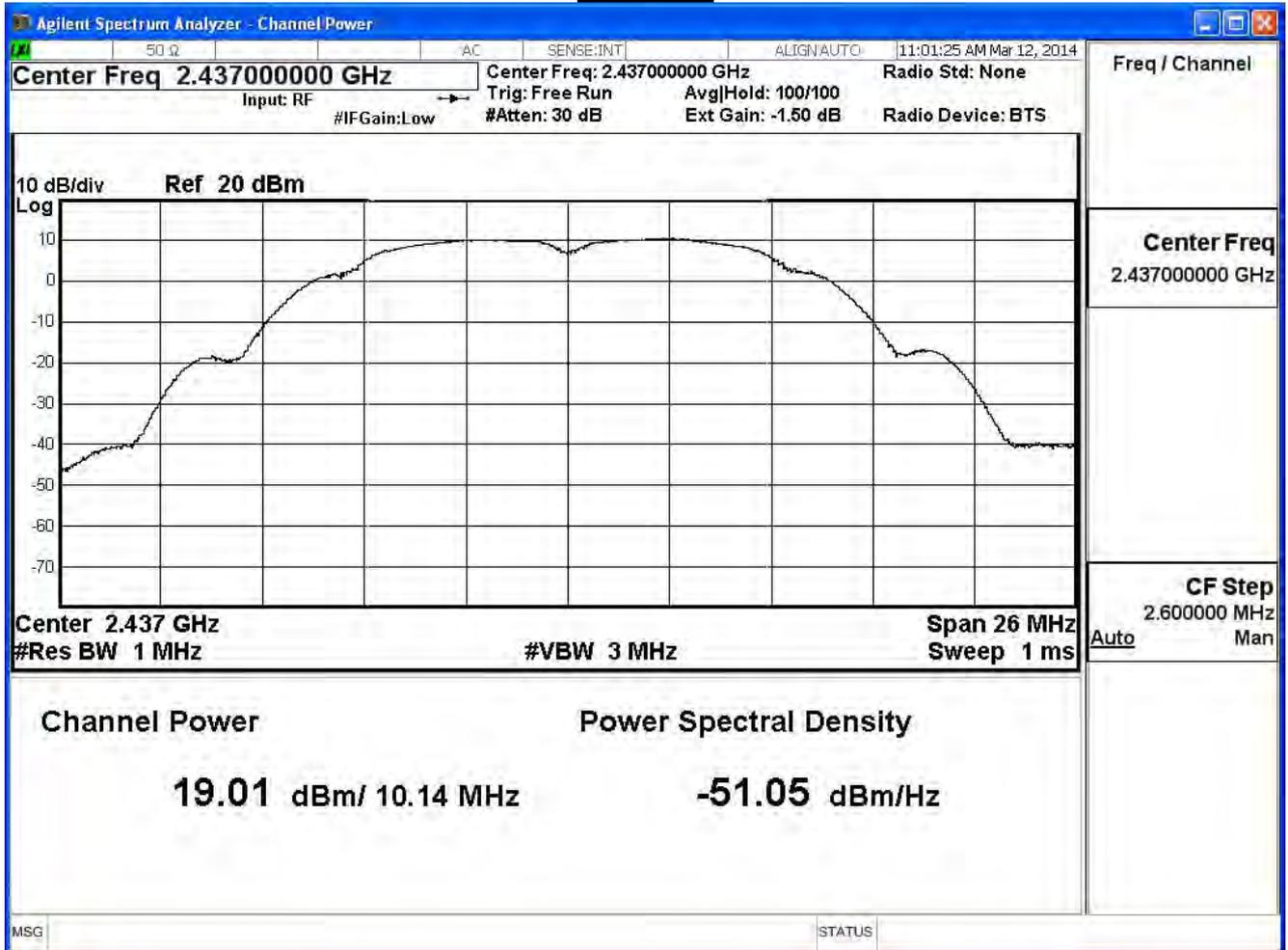
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.41	--	--	--	30 dBm
6	2437	19.01	18.89	18.69	18.47	30 dBm
11	2462	18.67	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

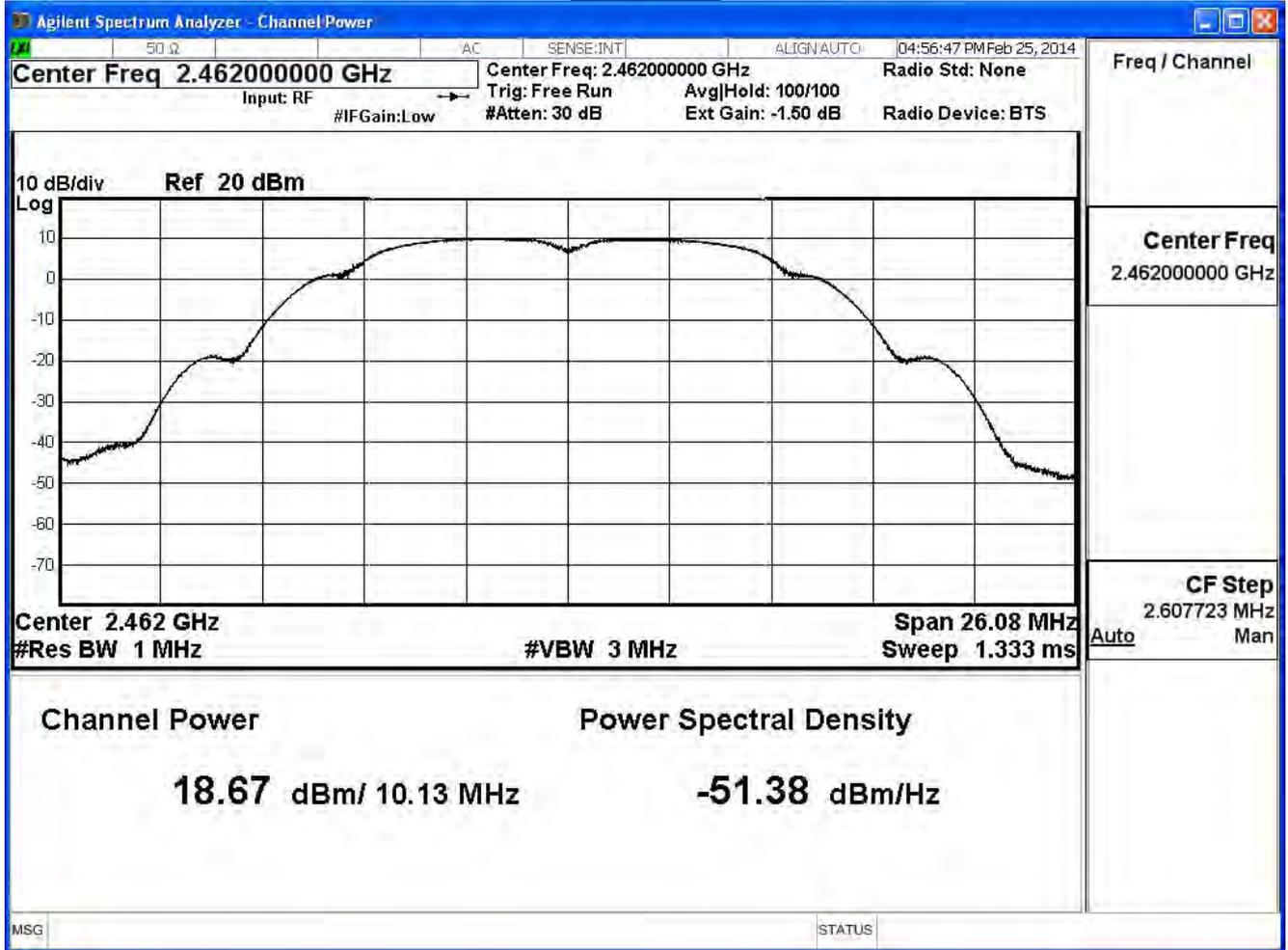
Channel 1



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	2014/03/12	Test Site	SR7

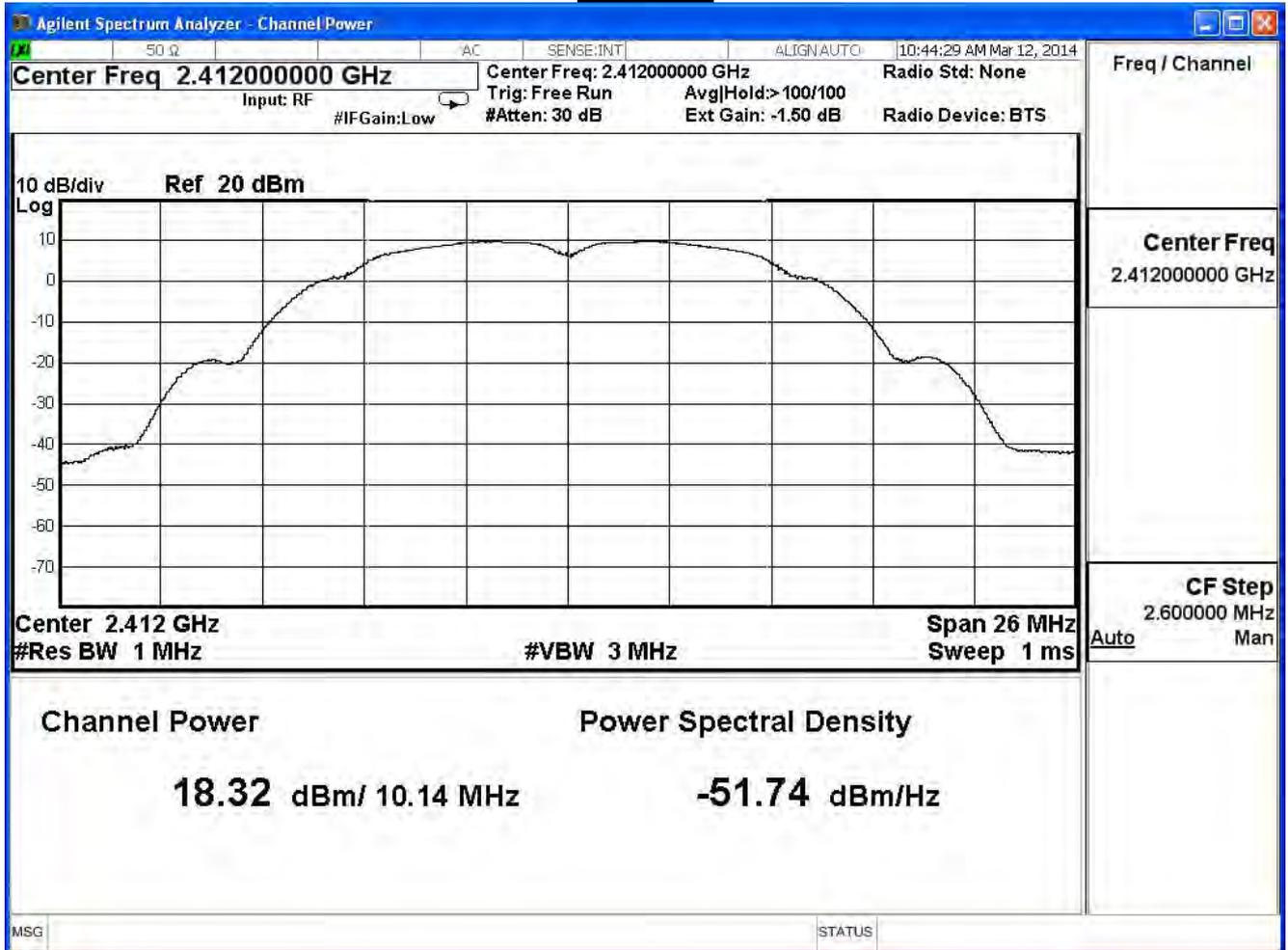
IEEE 802.11b (ANT1) , power index: ch1:76, ch6:76, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.32	≤ 30	Pass
6	2437	18.60	≤ 30	Pass
11	2462	18.79	≤ 30	Pass

The worst emission of data rate is 1Mbps.

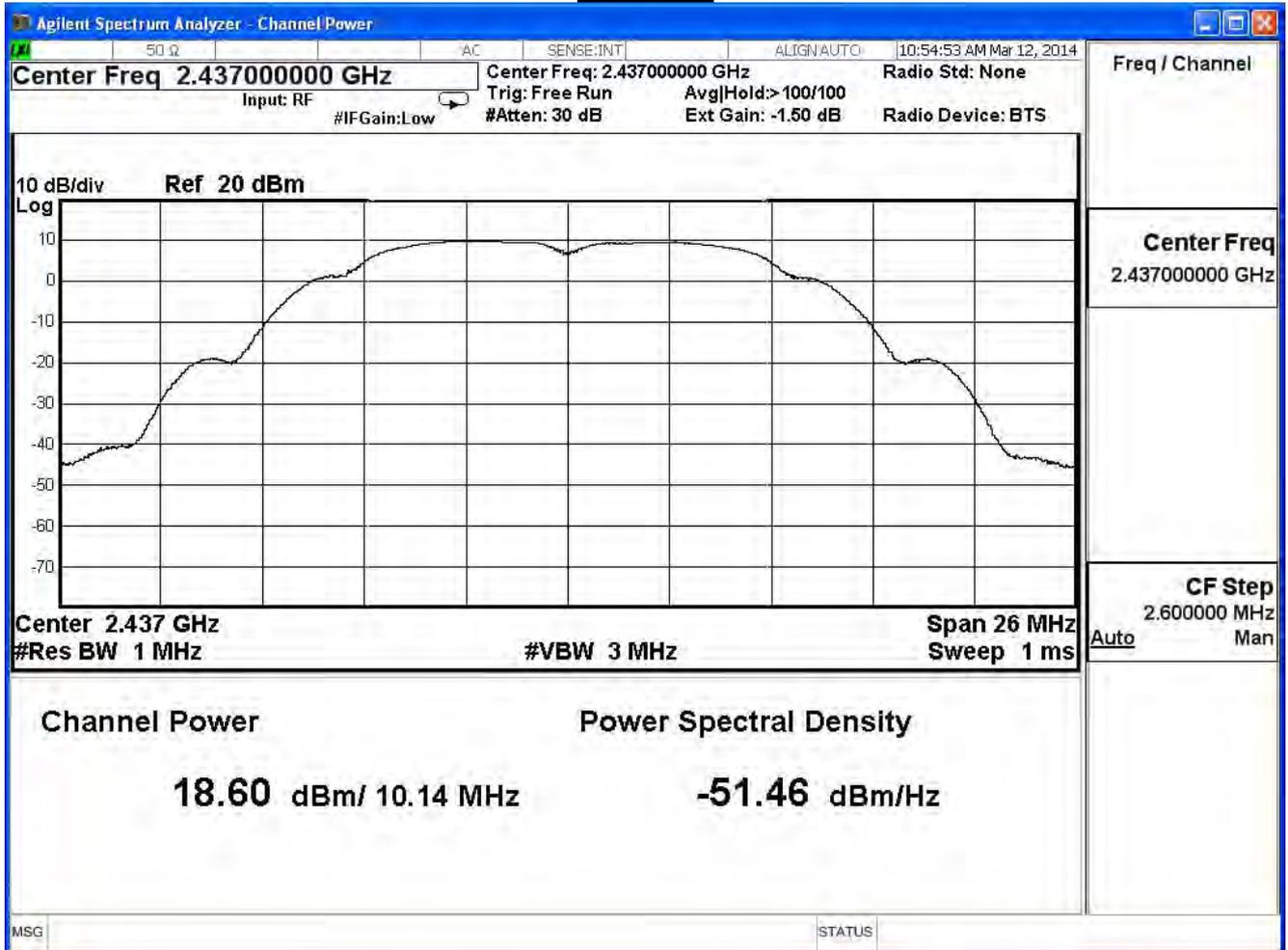
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.32	--	--	--	30 dBm
6	2437	18.60	18.40	18.28	18.18	30 dBm
11	2462	18.79	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

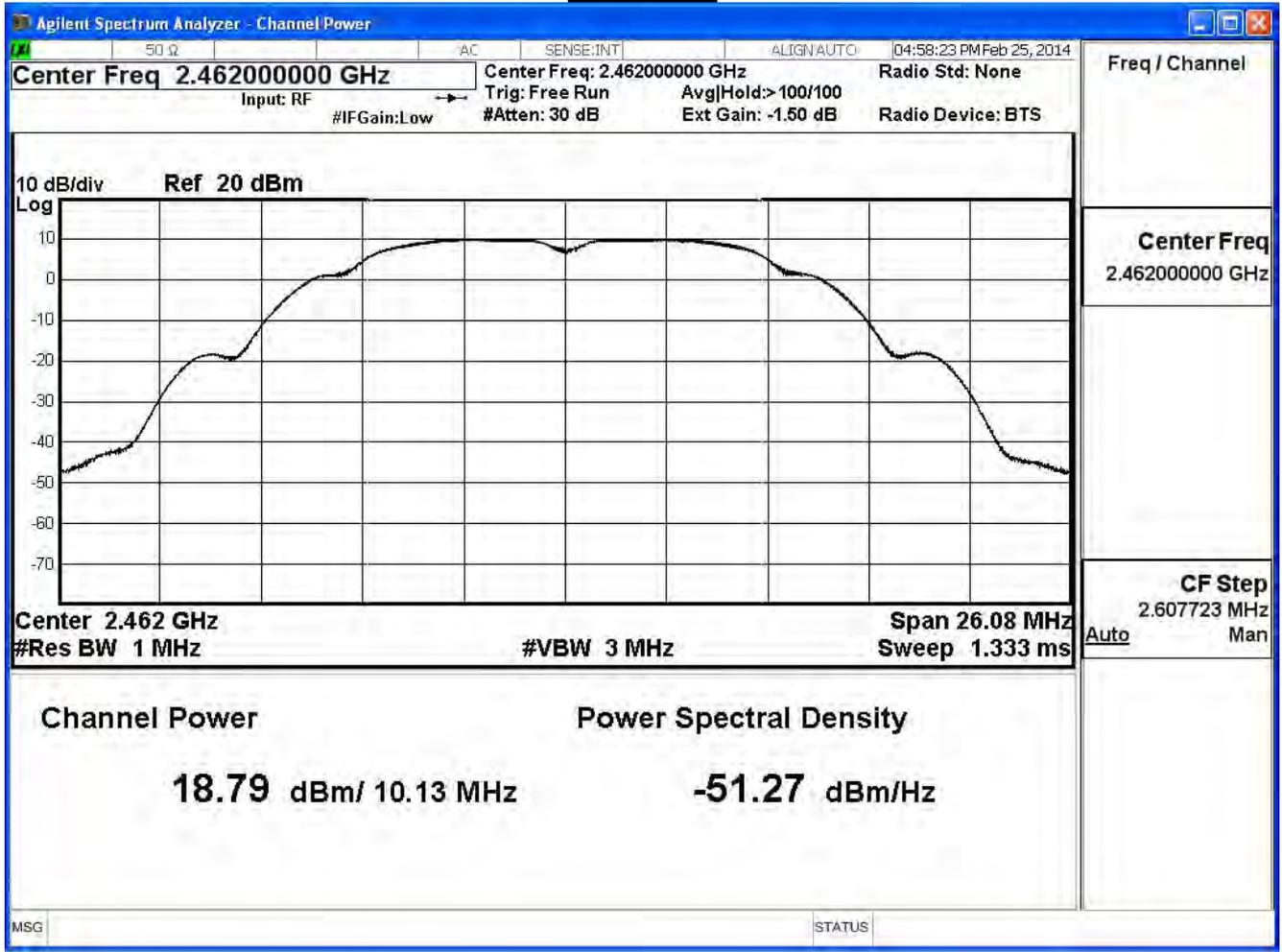
Channel 1



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	2014/03/12	Test Site	SR7

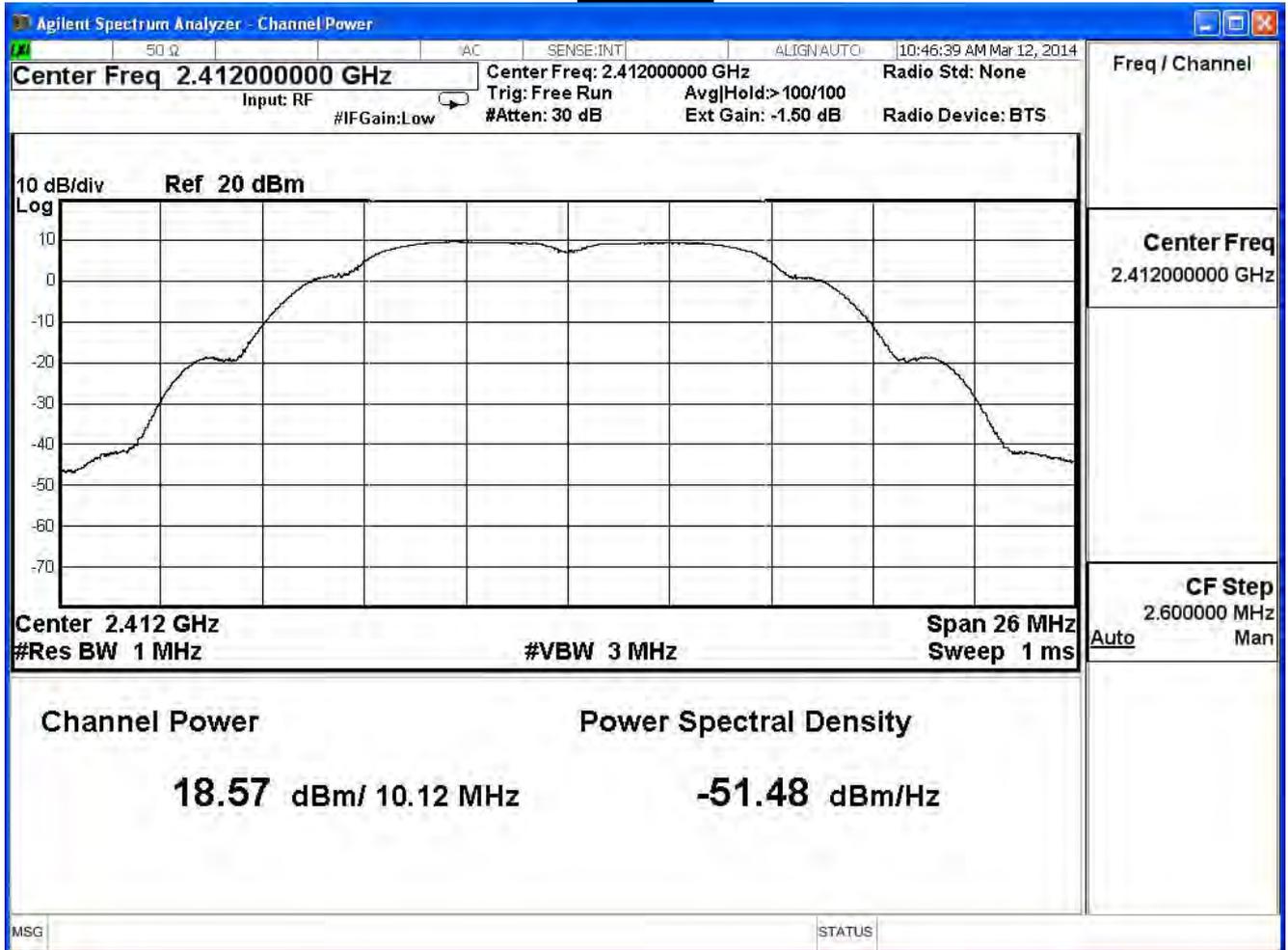
IEEE 802.11b (ANT2) , power index: ch1:78, ch6:76, ch11:74				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.57	≤ 30	Pass
6	2437	18.79	≤ 30	Pass
11	2462	18.72	≤ 30	Pass

The worst emission of data rate is 1Mbps.

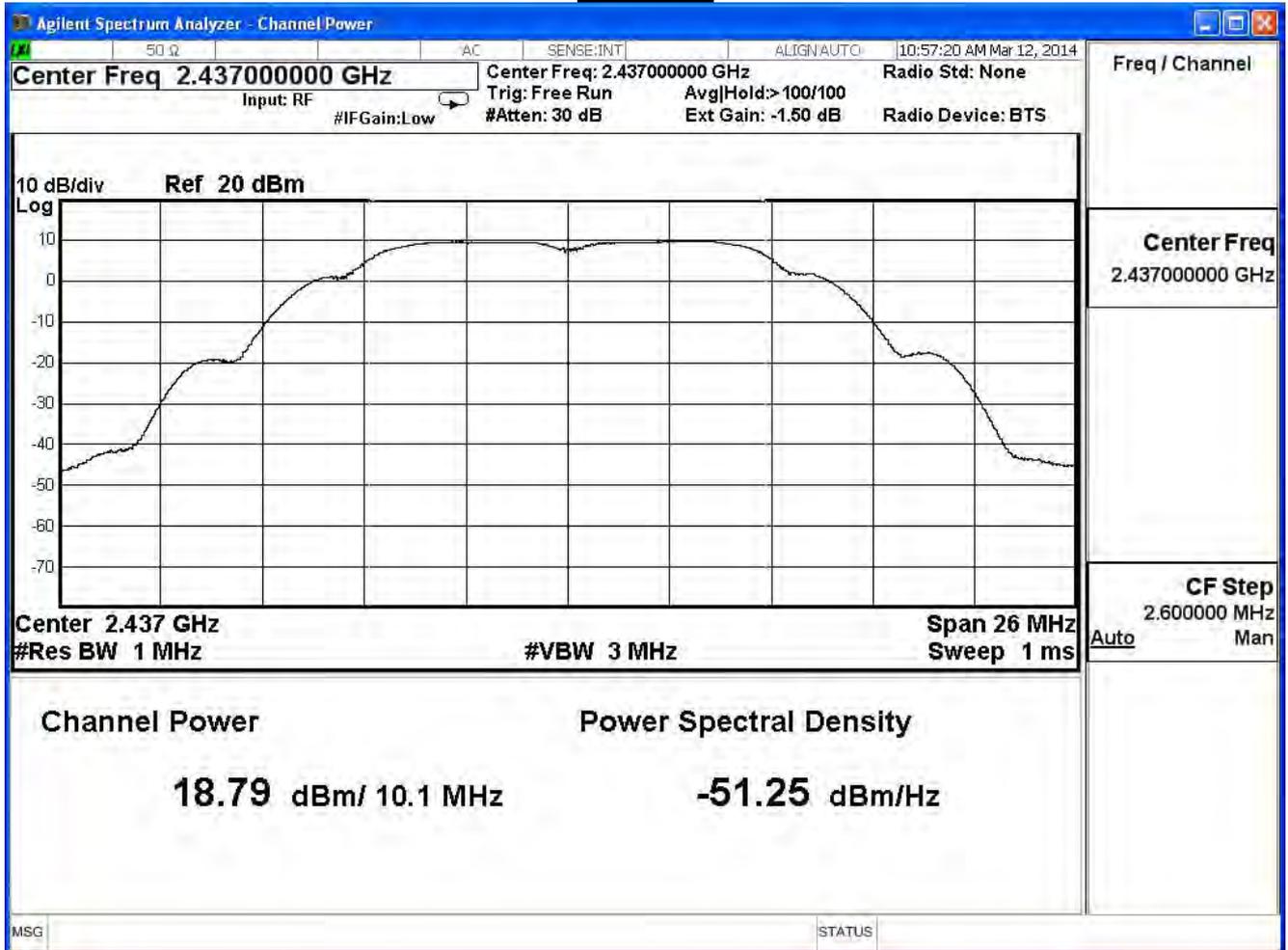
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	18.57	--	--	--	30 dBm
6	2437	18.79	18.59	18.46	18.36	30 dBm
11	2462	18.72	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

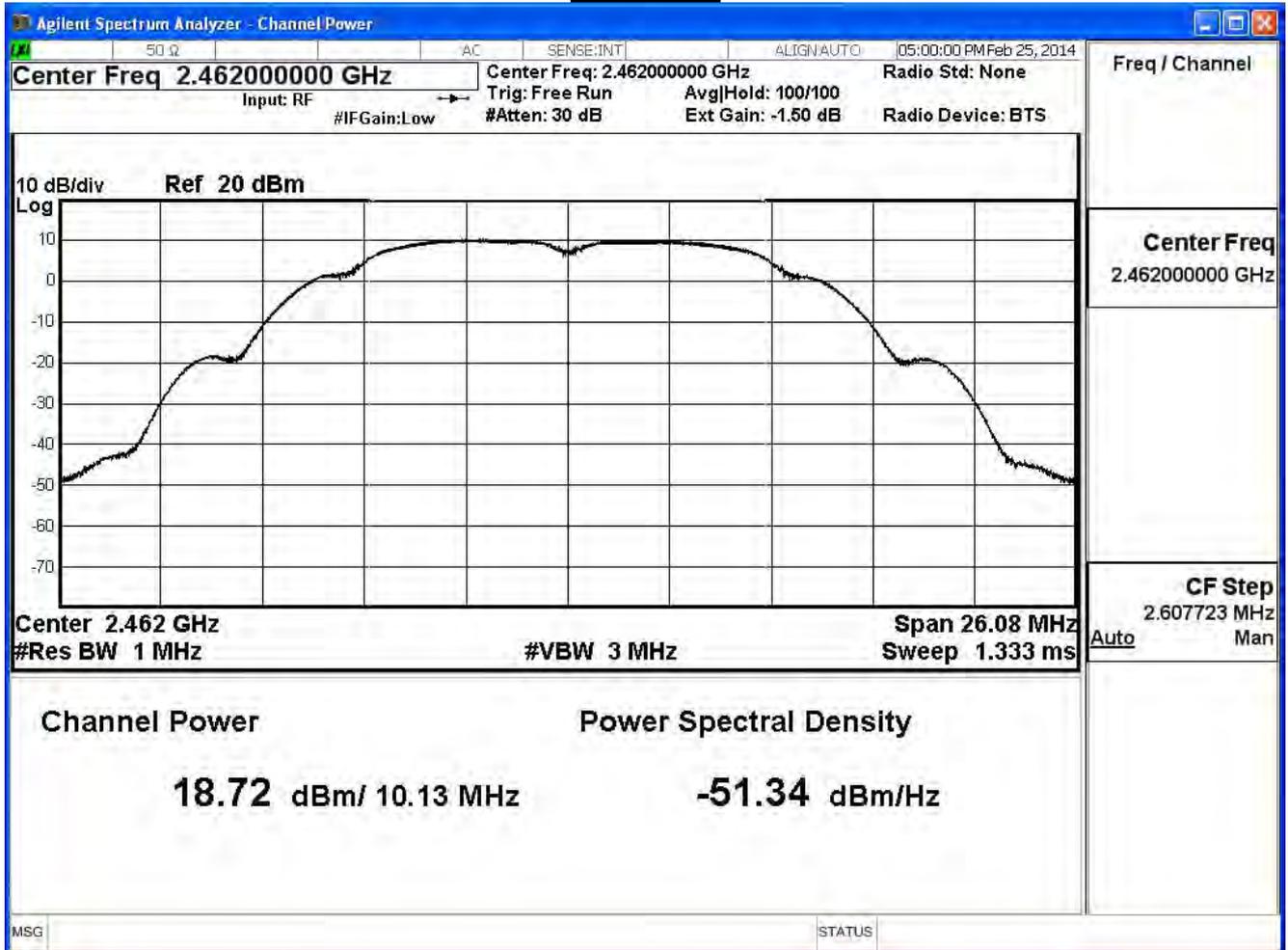
Channel 1



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	2014/03/12	Test Site	SR7

IEEE 802.11b (ANT0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.21	≤ 30	Pass
6	2437	23.57	≤ 30	Pass
11	2462	23.50	≤ 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	23.21	--	--	--	30 dBm
6	2437	23.57	23.36	23.21	23.03	30 dBm
11	2462	23.50	--	--	--	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	2014/03/12	Test Site	SR7

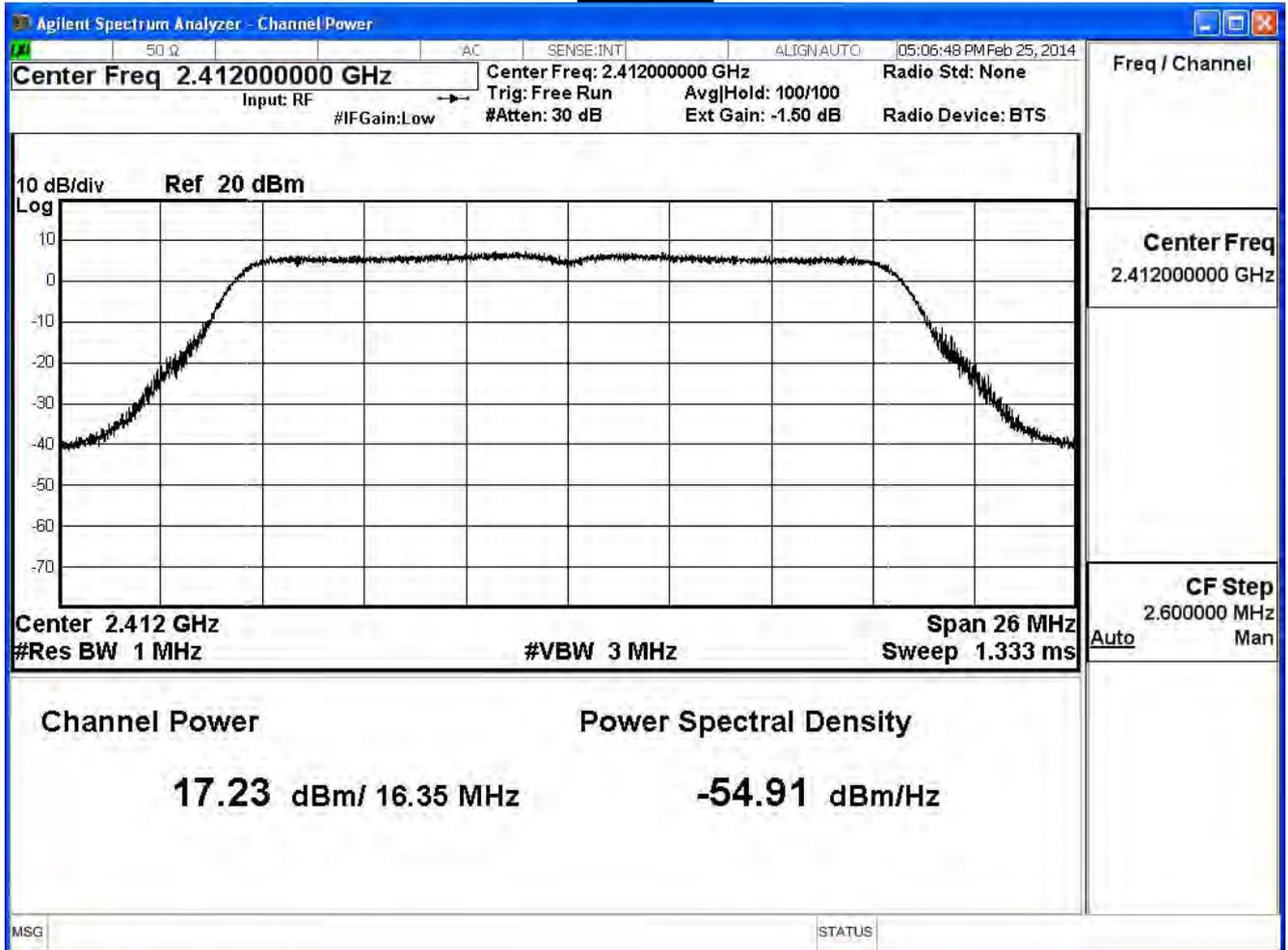
IEEE 802.11g (ANT0) , power index: ch1:68, ch6:94, ch11:68				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.23	≤ 30	Pass
6	2437	23.53	≤ 30	Pass
11	2462	17.52	≤ 30	Pass

The worst emission of data rate is 6Mbps.

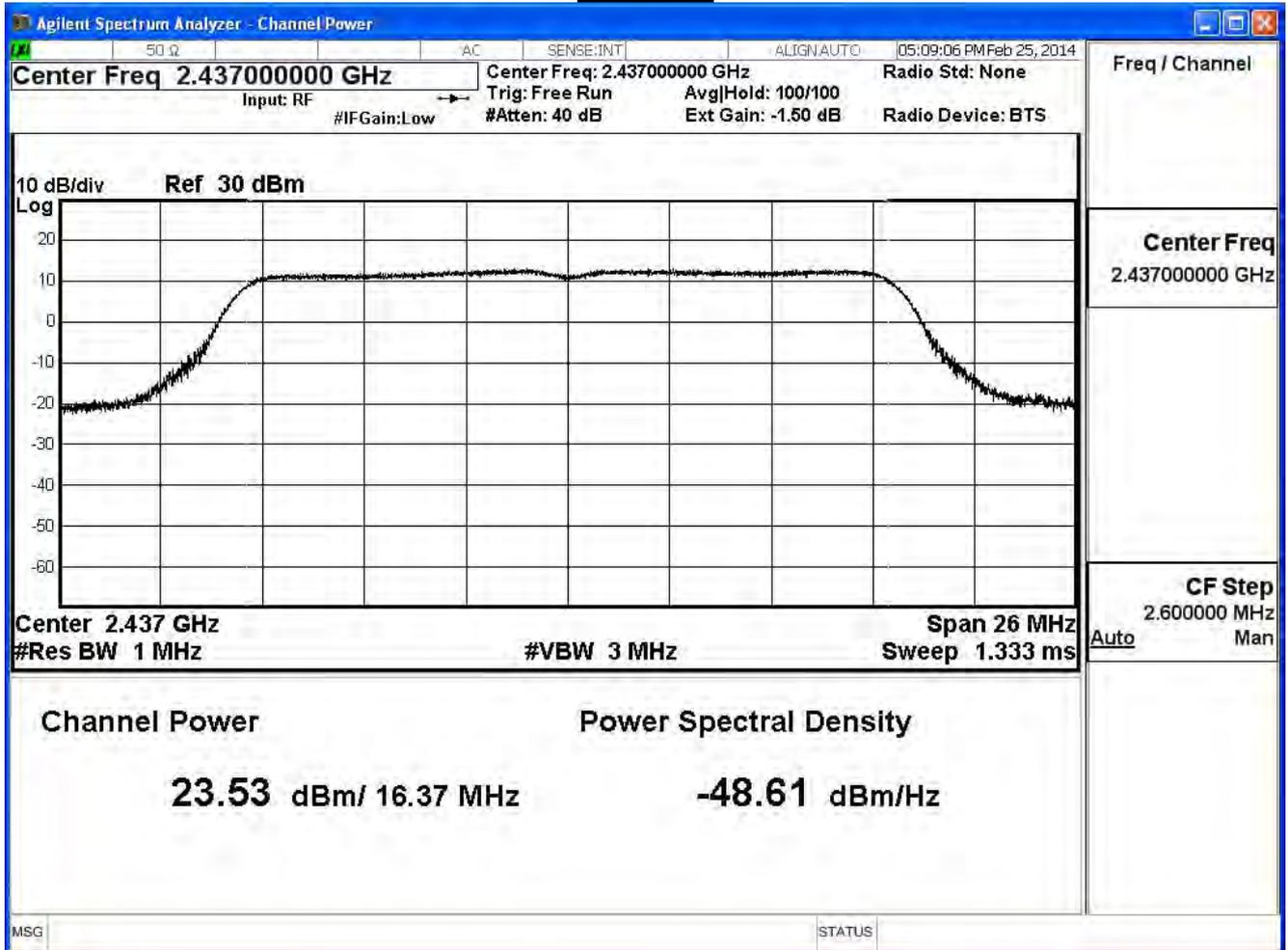
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	17.23	--	--	--	--	--	--	30 dBm
6	2437	23.53	23.41	23.31	23.20	23.07	22.95	22.83	30 dBm
11	2462	17.52	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

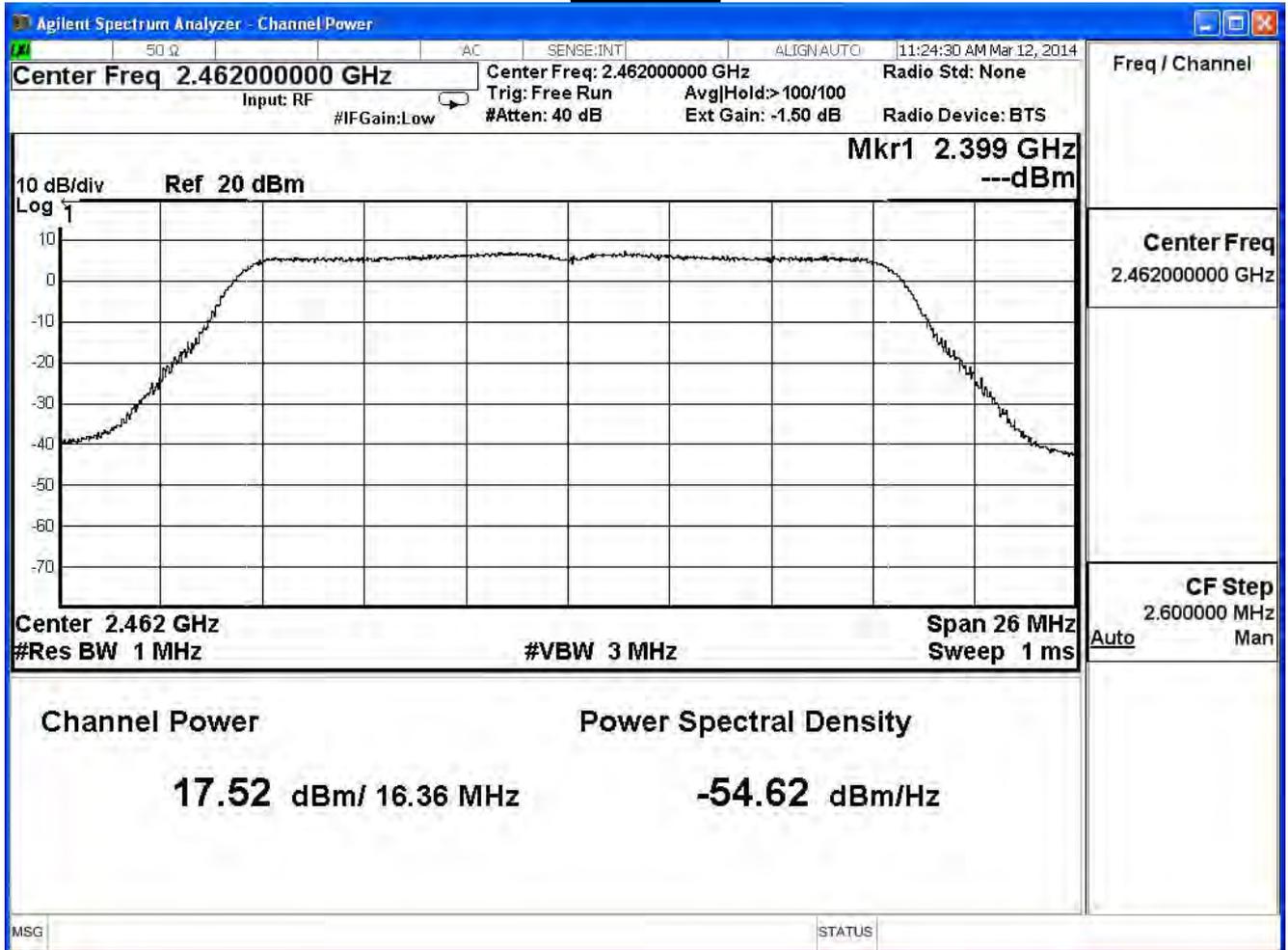
Channel 1



## 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	2014/03/12	Test Site	SR7

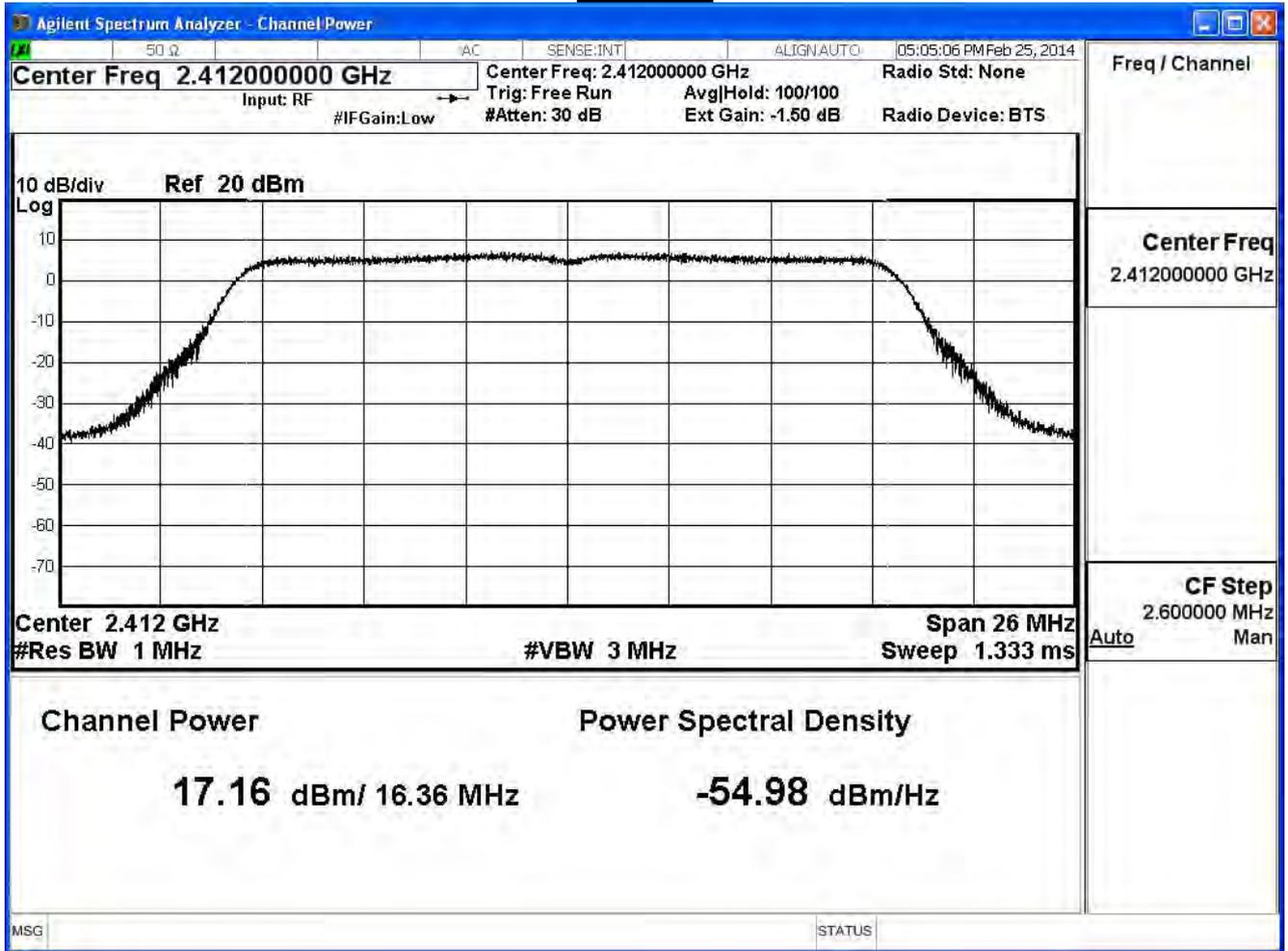
IEEE 802.11g (ANT1) , power index: ch1:68, ch6:94, ch11:68				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.16	≤ 30	Pass
6	2437	22.99	≤ 30	Pass
11	2462	17.76	≤ 30	Pass

The worst emission of data rate is 6Mbps.

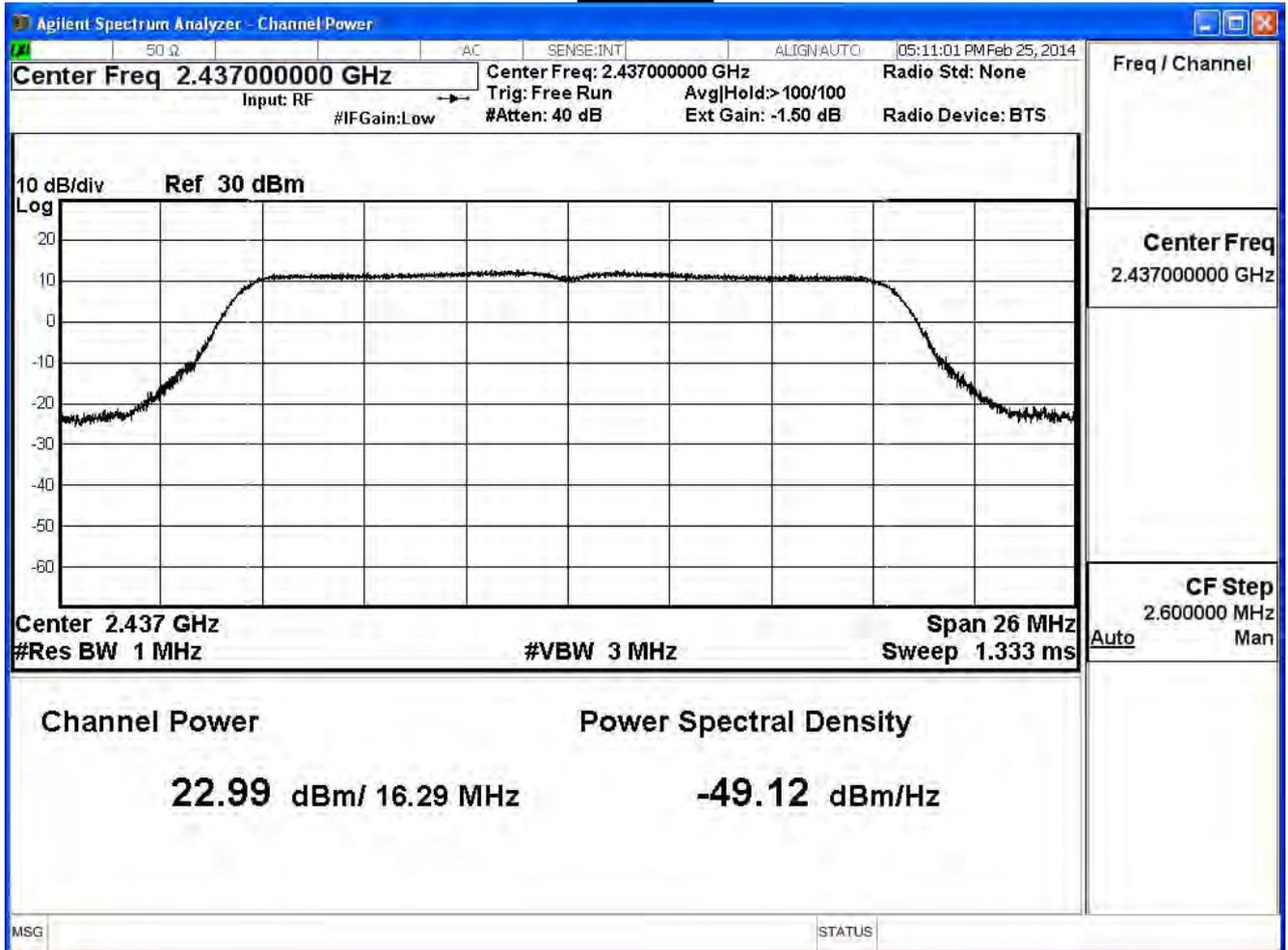
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	17.16	--	--	--	--	--	--	30 dBm
6	2437	22.99	22.89	22.65	22.55	22.43	22.19	21.95	30 dBm
11	2462	17.76	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

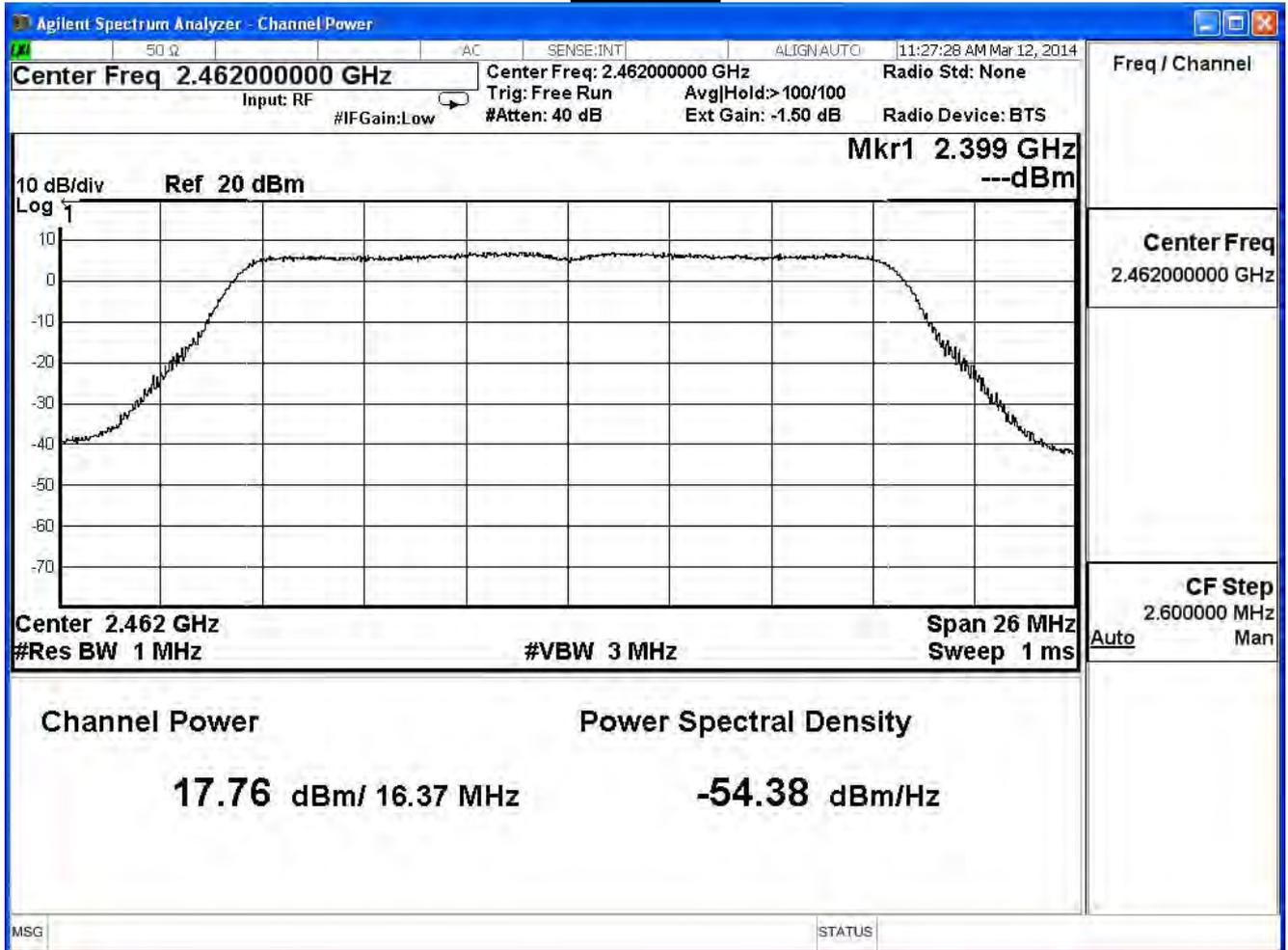
Channel 1



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	2014/03/12	Test Site	SR7

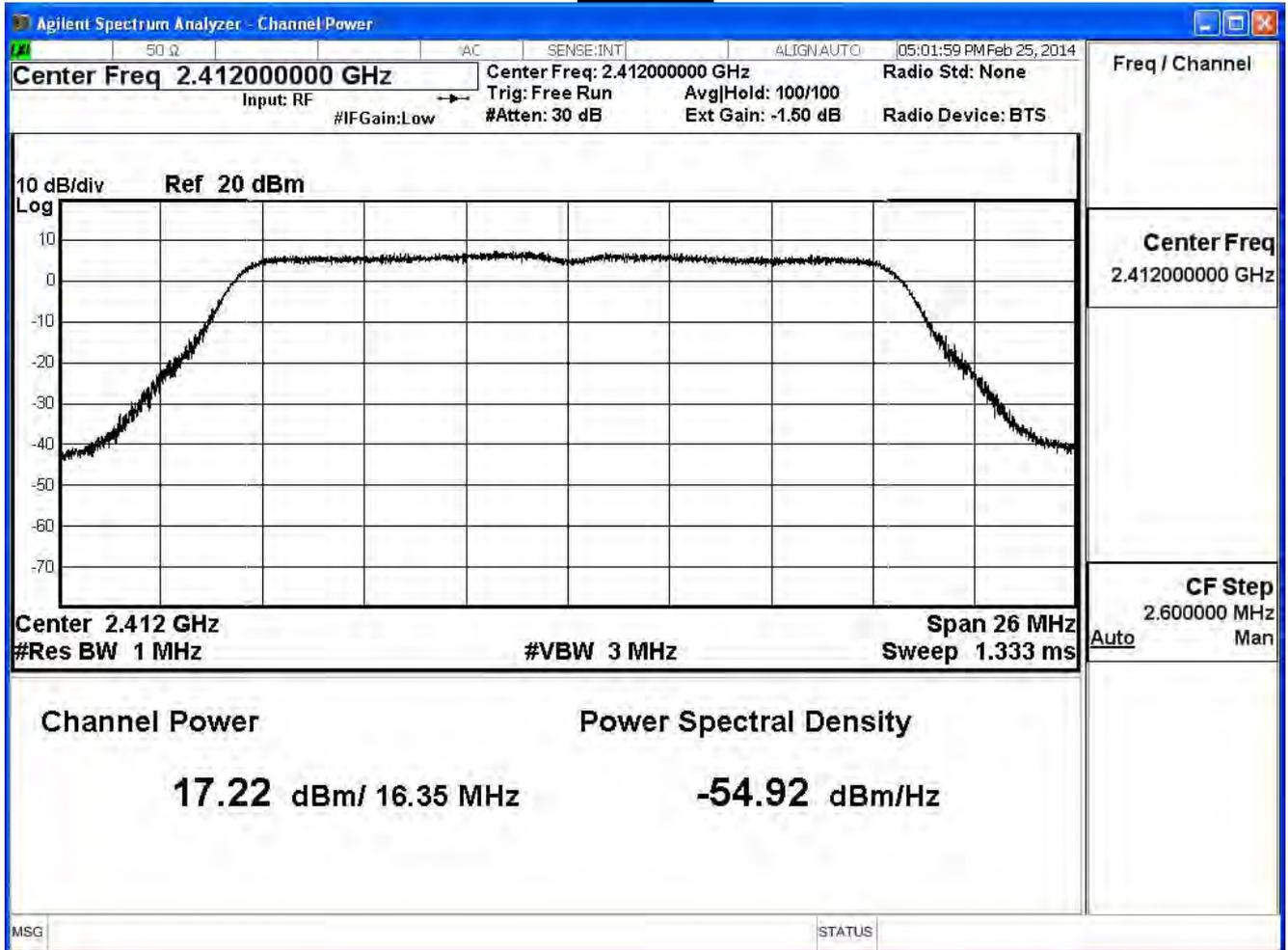
IEEE 802.11g (ANT2) , power index: ch1:68, ch6:94, ch11:68				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.22	≤ 30	Pass
6	2437	23.22	≤ 30	Pass
11	2462	17.64	≤ 30	Pass

The worst emission of data rate is 6Mbps.

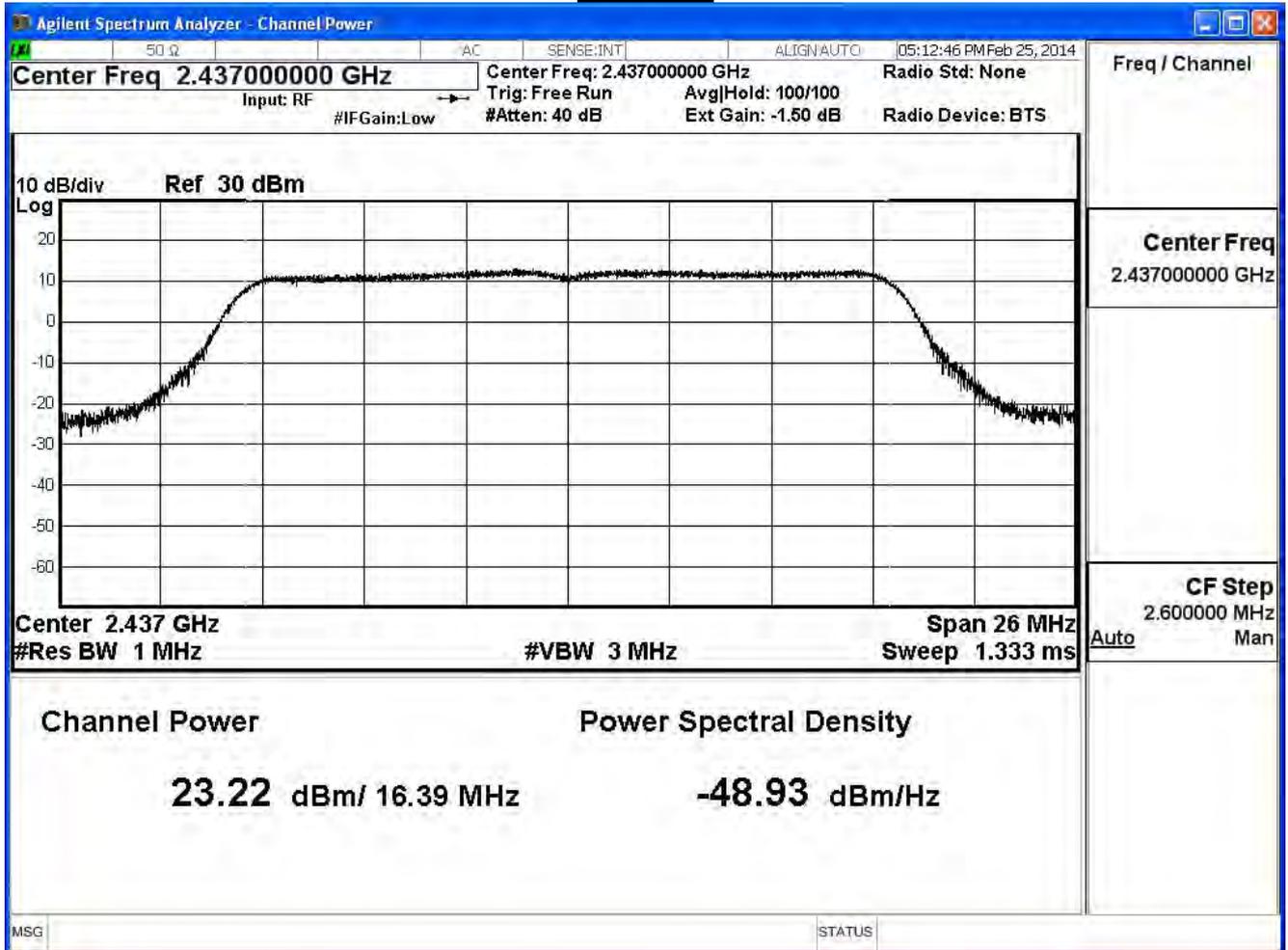
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	17.22	--	--	--	--	--	--	30 dBm
6	2437	23.22	23.02	22.89	22.69	22.43	22.31	22.19	30 dBm
11	2462	17.64	--	--	--	--	--	--	30 dBm

Note: Measure Level =Reading value + cable loss

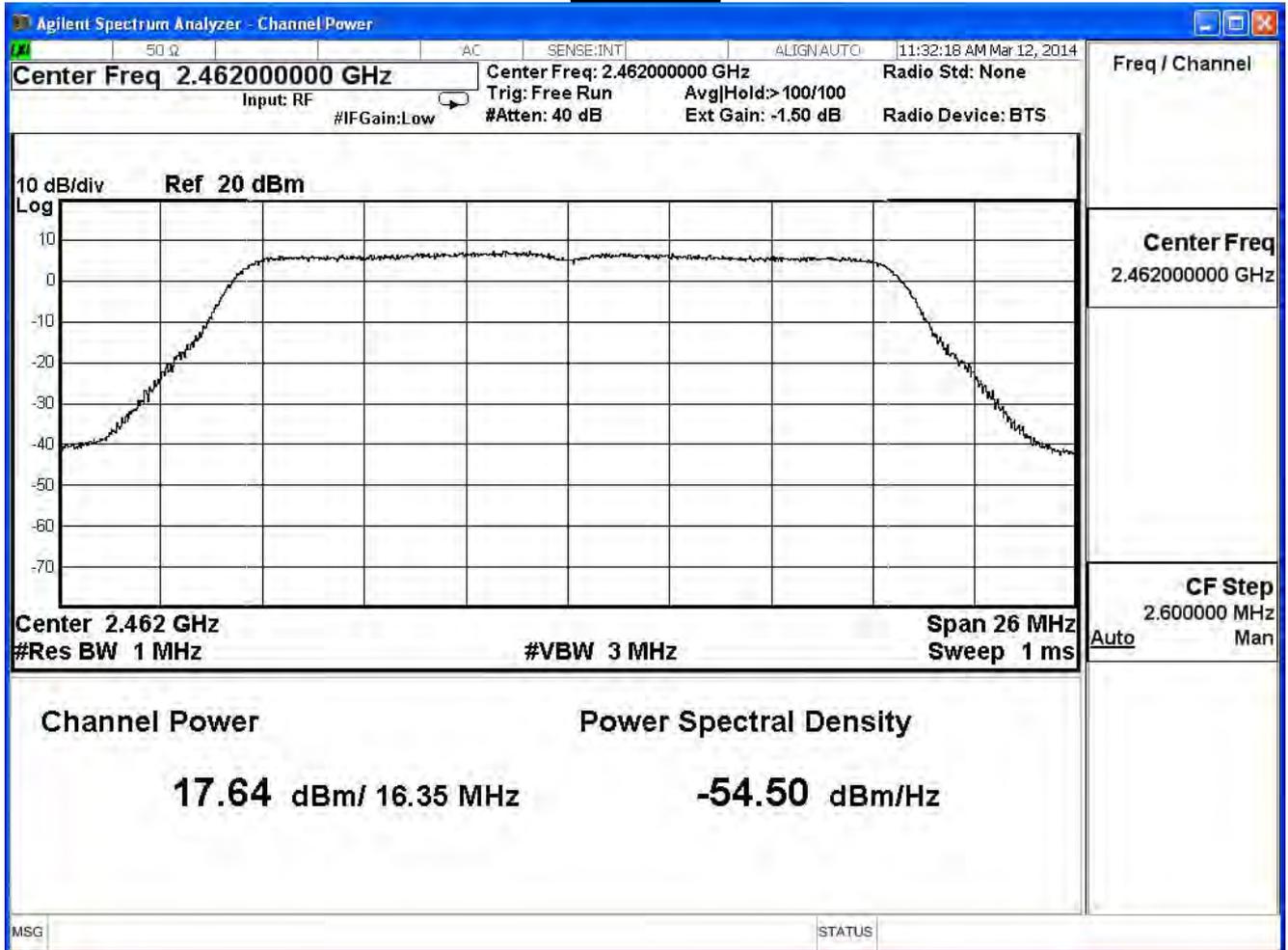
Channel 1



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	2014/03/12	Test Site	SR7

IEEE 802.11g (ANT0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.97	≤ 30	Pass
6	2437	28.02	≤ 30	Pass
11	2462	22.41	≤ 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	21.97	--	--	--	--	--	--	30 dBm
6	2437	28.02	27.85	27.66	27.50	27.28	27.12	27.00	30 dBm
11	2462	22.41	--	--	--	--	--	--	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	2014/03/12	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0) , power index: ch1:60, ch6:90, ch11:66

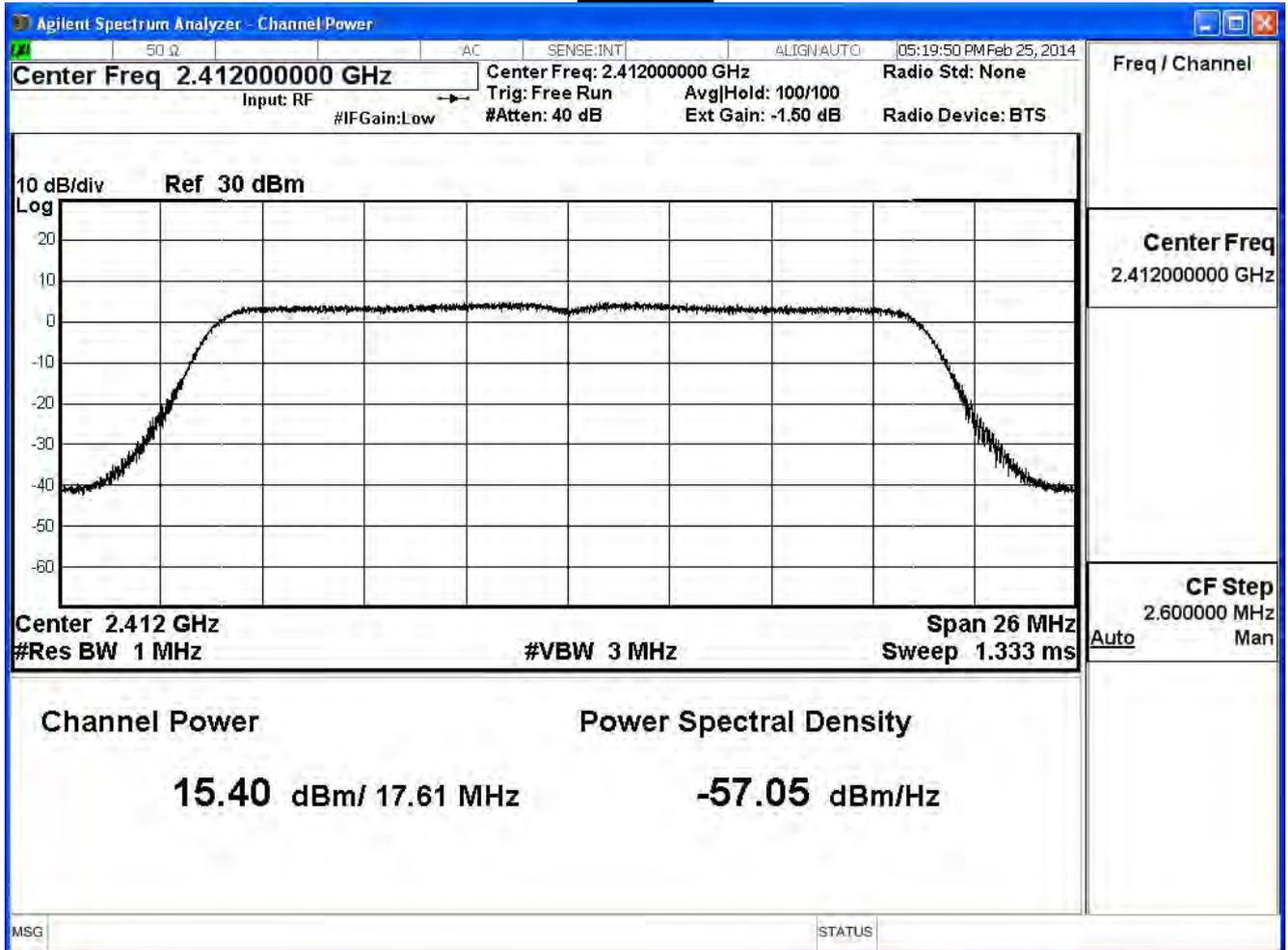
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	15.40	≤ 30	Pass
6	2437	22.56	≤ 30	Pass
11	2462	16.95	≤ 30	Pass

The worst emission of data rate is 6.5 Mbps.

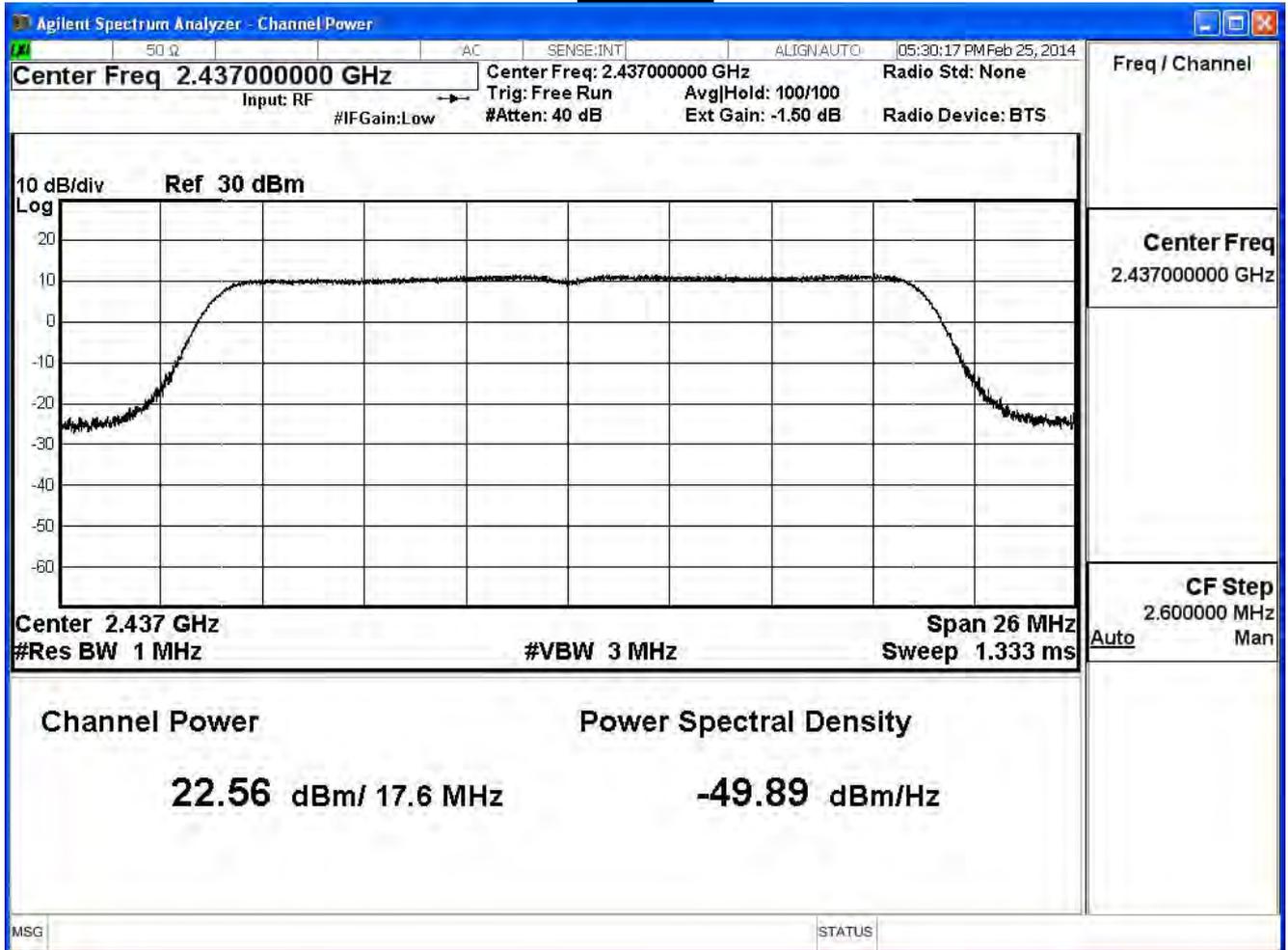
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
1	2412	15.40	--	--	--	--	--	--	--	30dBm
6	2437	22.56	22.32	22.12	21.90	21.77	21.65	21.41	21.19	30dBm
11	2462	16.95	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

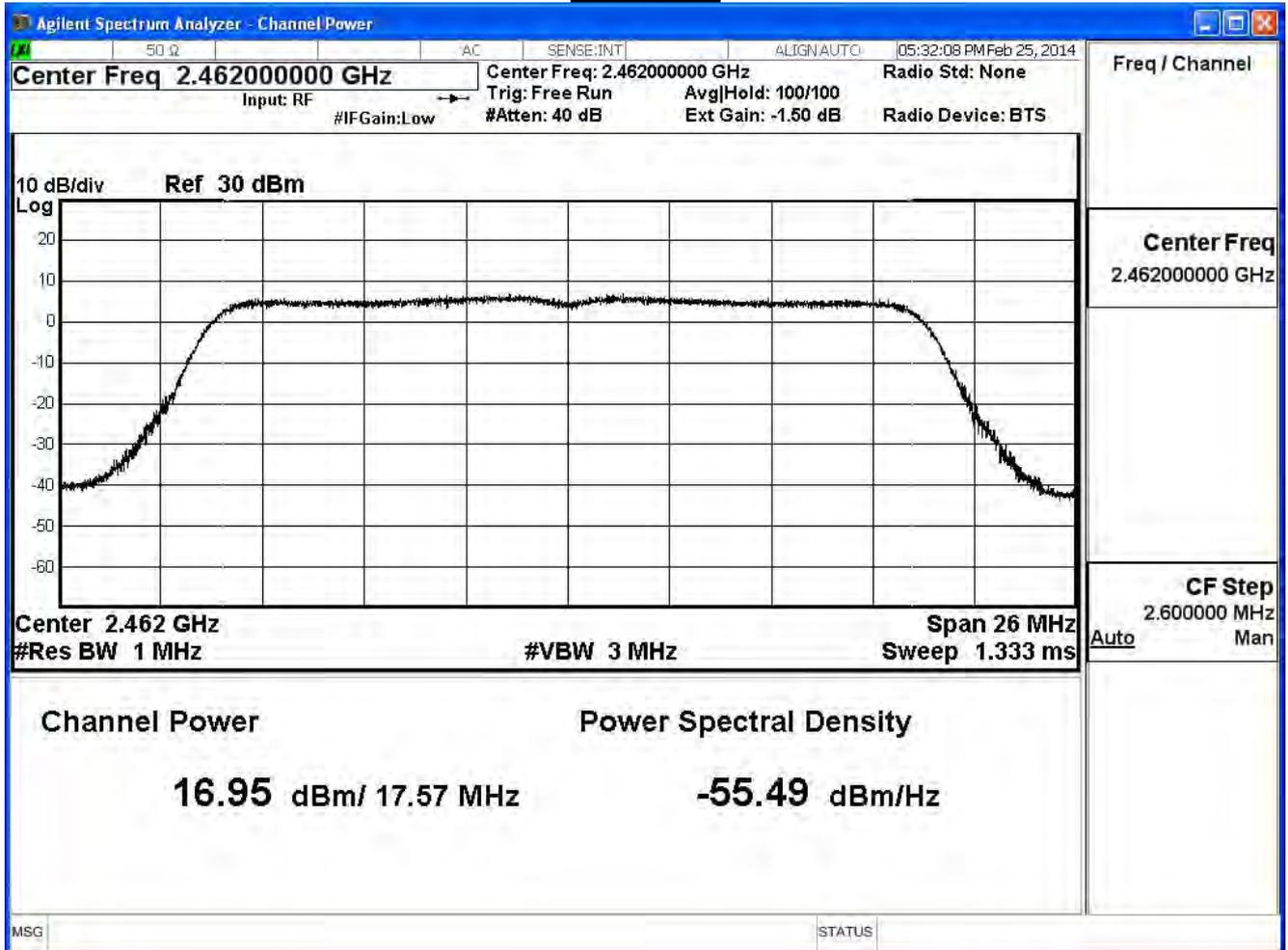
Channel 1



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	2014/03/12	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1) , power index: ch1:60, ch6:90, ch11:66

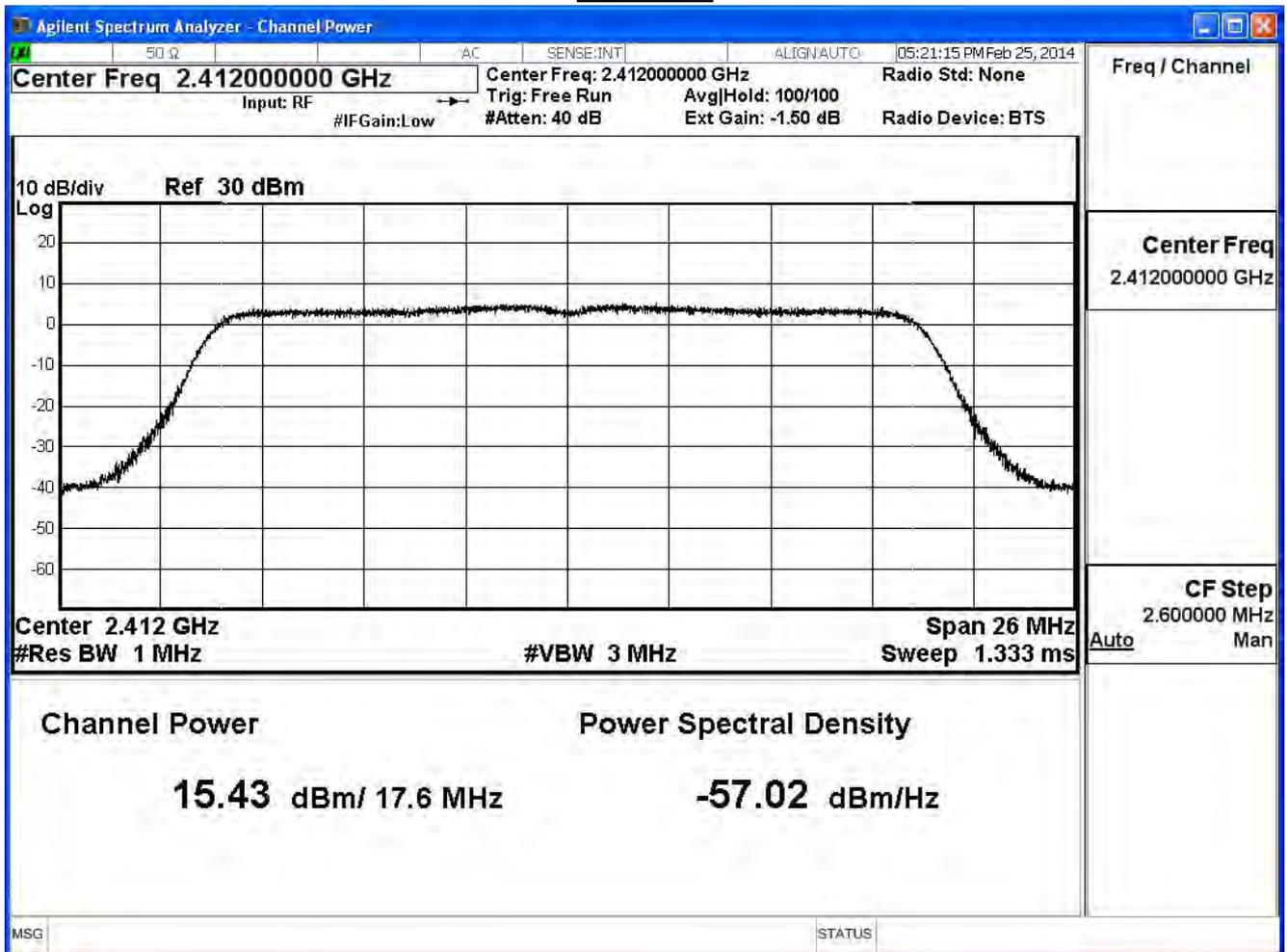
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	15.43	≤ 30	Pass
6	2437	22.05	≤ 30	Pass
11	2462	17.20	≤ 30	Pass

The worst emission of data rate is 6.5 Mbps.

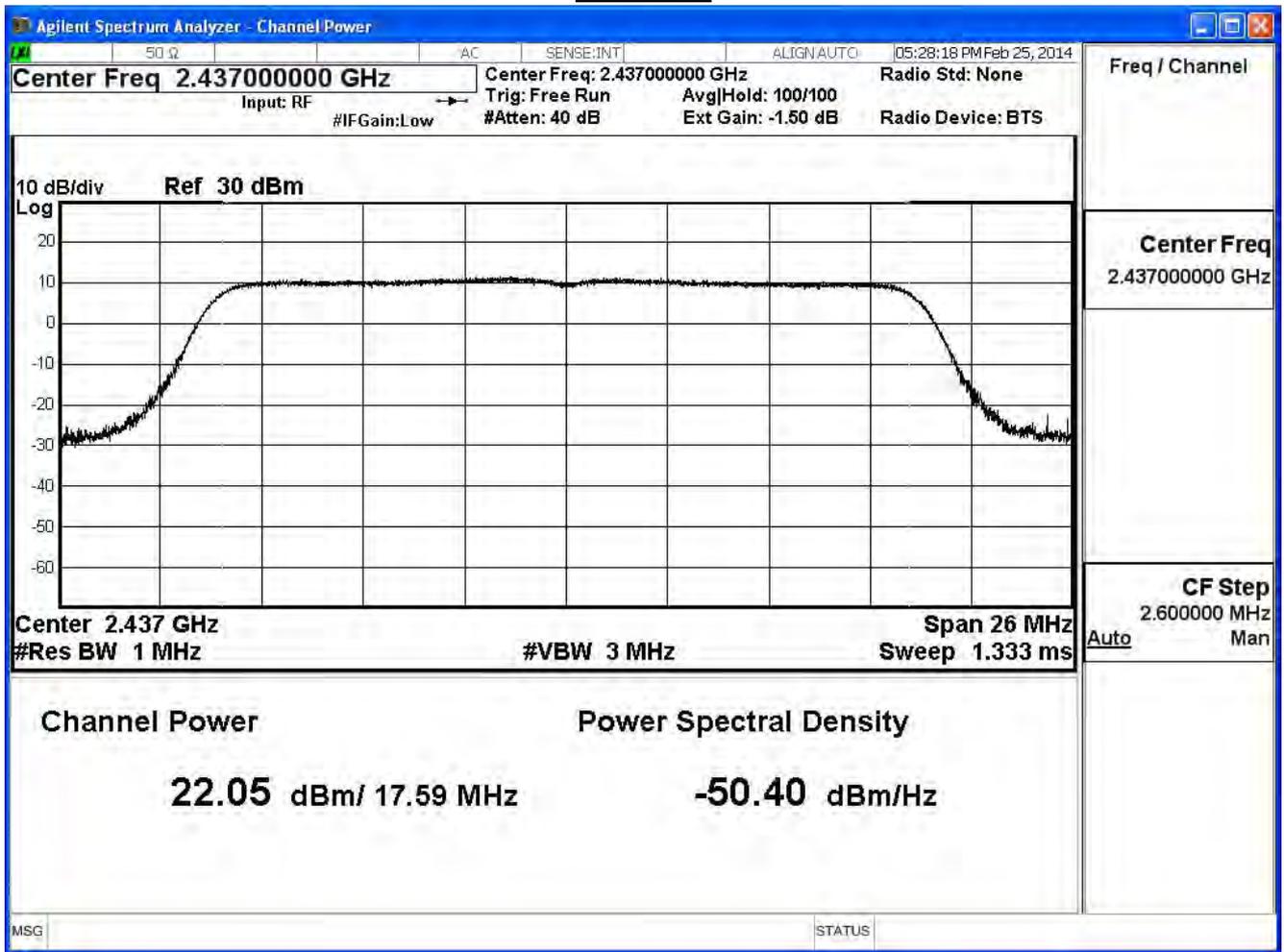
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
1	2412	15.43	--	--	--	--	--	--	--	30dBm
6	2437	22.05	21.85	21.73	21.63	21.51	21.39	21.27	21.01	30dBm
11	2462	17.20	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

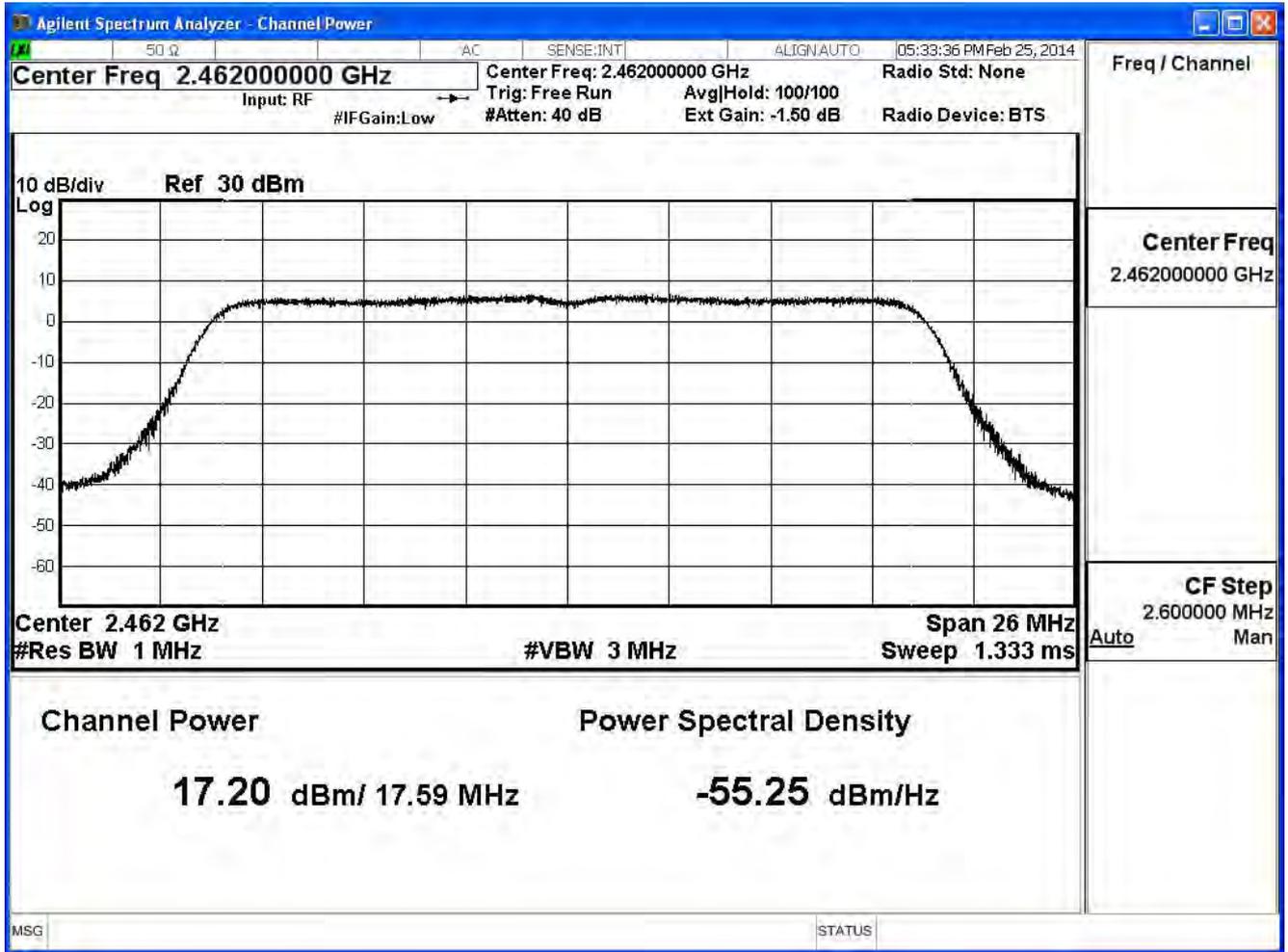
Channel 1



**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	2014/03/12	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2) , power index: ch1:60, ch6:90, ch11:66

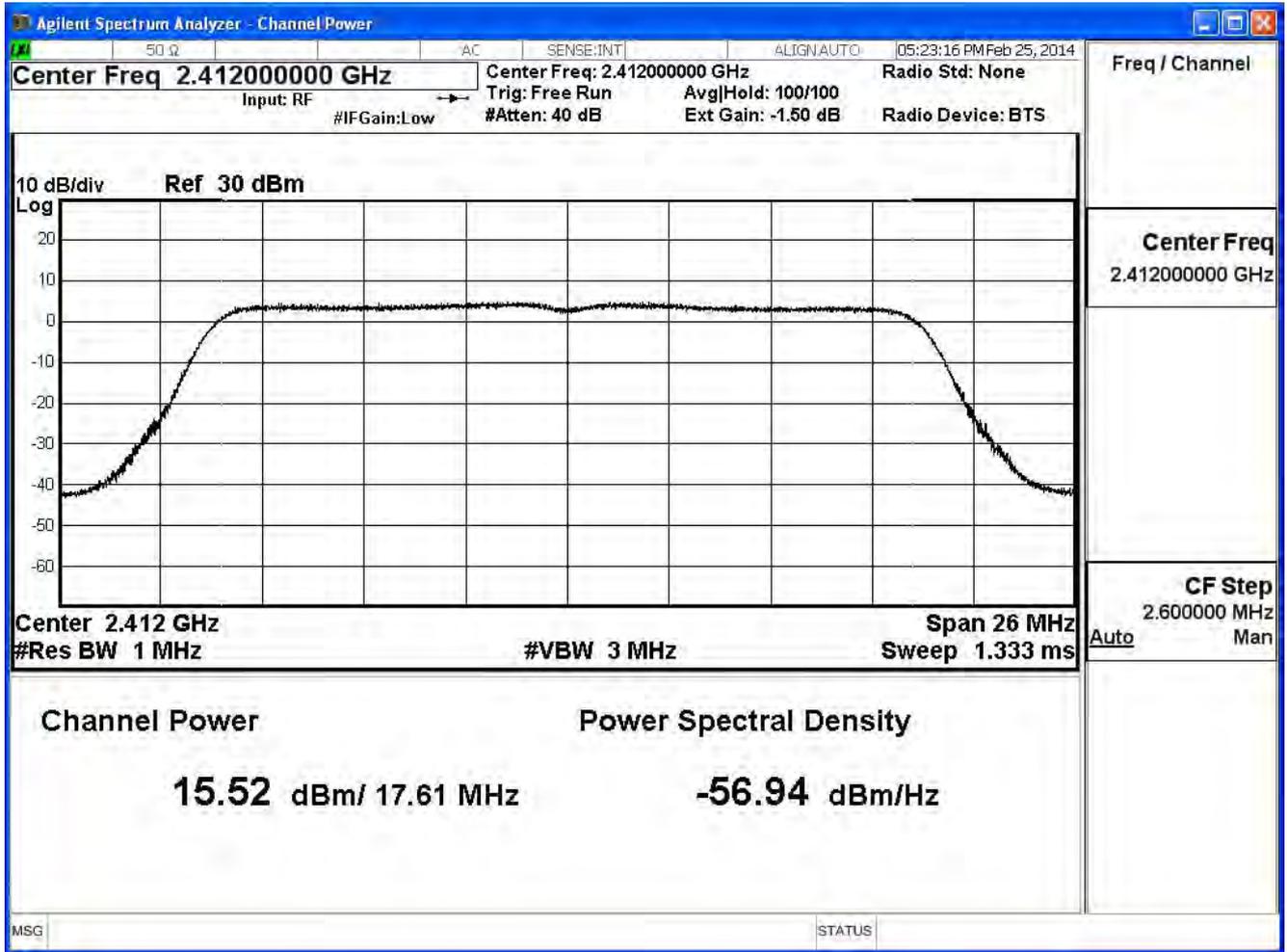
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	15.52	≤ 30	Pass
6	2437	22.28	≤ 30	Pass
11	2462	17.15	≤ 30	Pass

The worst emission of data rate is 6.5 Mbps.

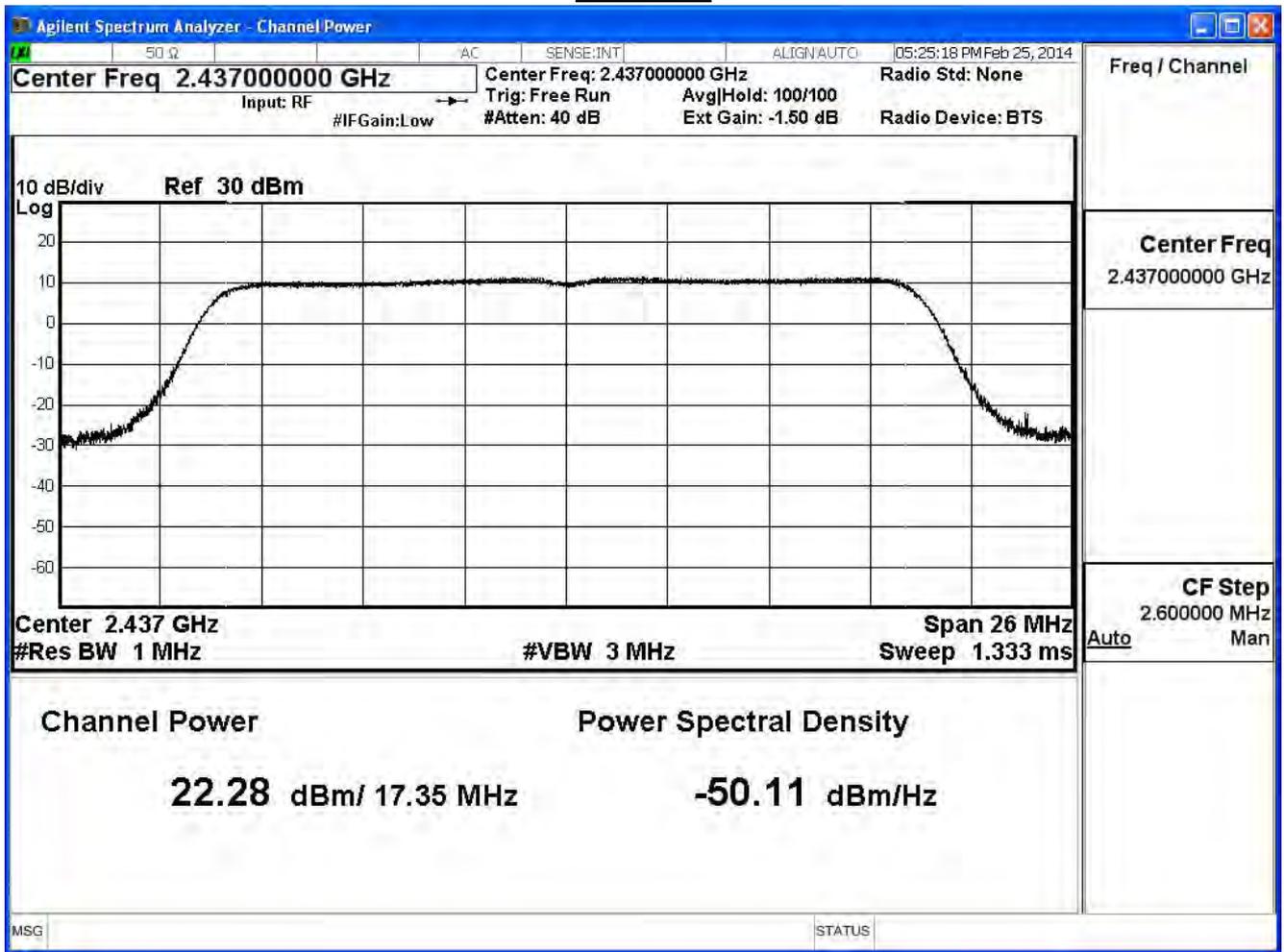
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
1	2412	15.52	--	--	--	--	--	--	--	30dBm
6	2437	22.28	22.18	21.92	21.72	21.59	21.35	21.23	20.99	30dBm
11	2462	17.15	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

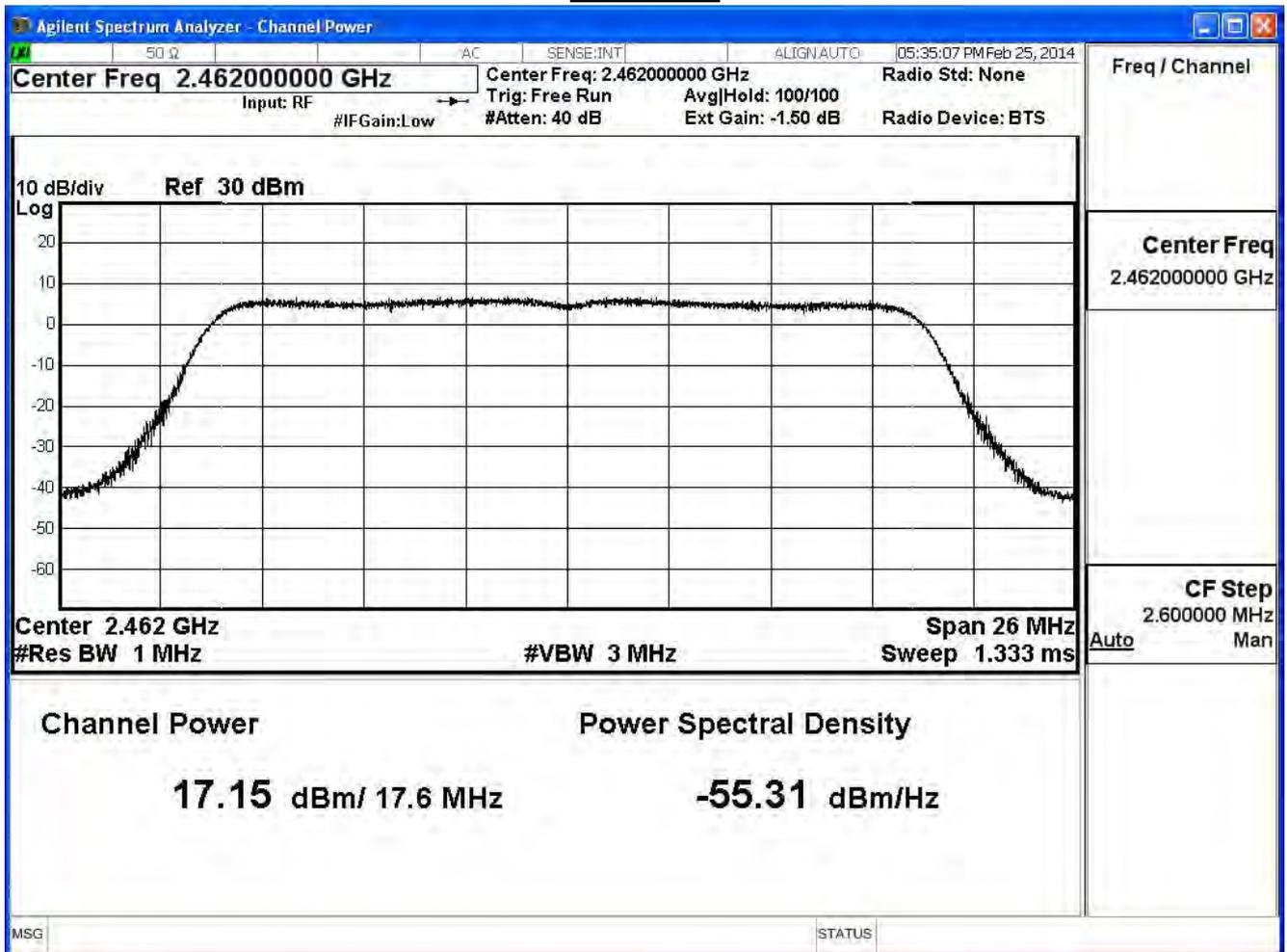
Channel 1



**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	2014/03/12	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.22	≤ 30	Pass
6	2437	27.07	≤ 30	Pass
11	2462	21.87	≤ 30	Pass

The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
1	2412	20.22	--	--	--	--	--	--	--	30dBm
6	2437	27.07	26.89	26.73	26.53	26.36	26.12	25.92	26.70	30dBm
11	2462	21.87	--	--	--	--	--	--	--	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	2014/03/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 0) , power index: ch3:58, ch6:72, ch9:63

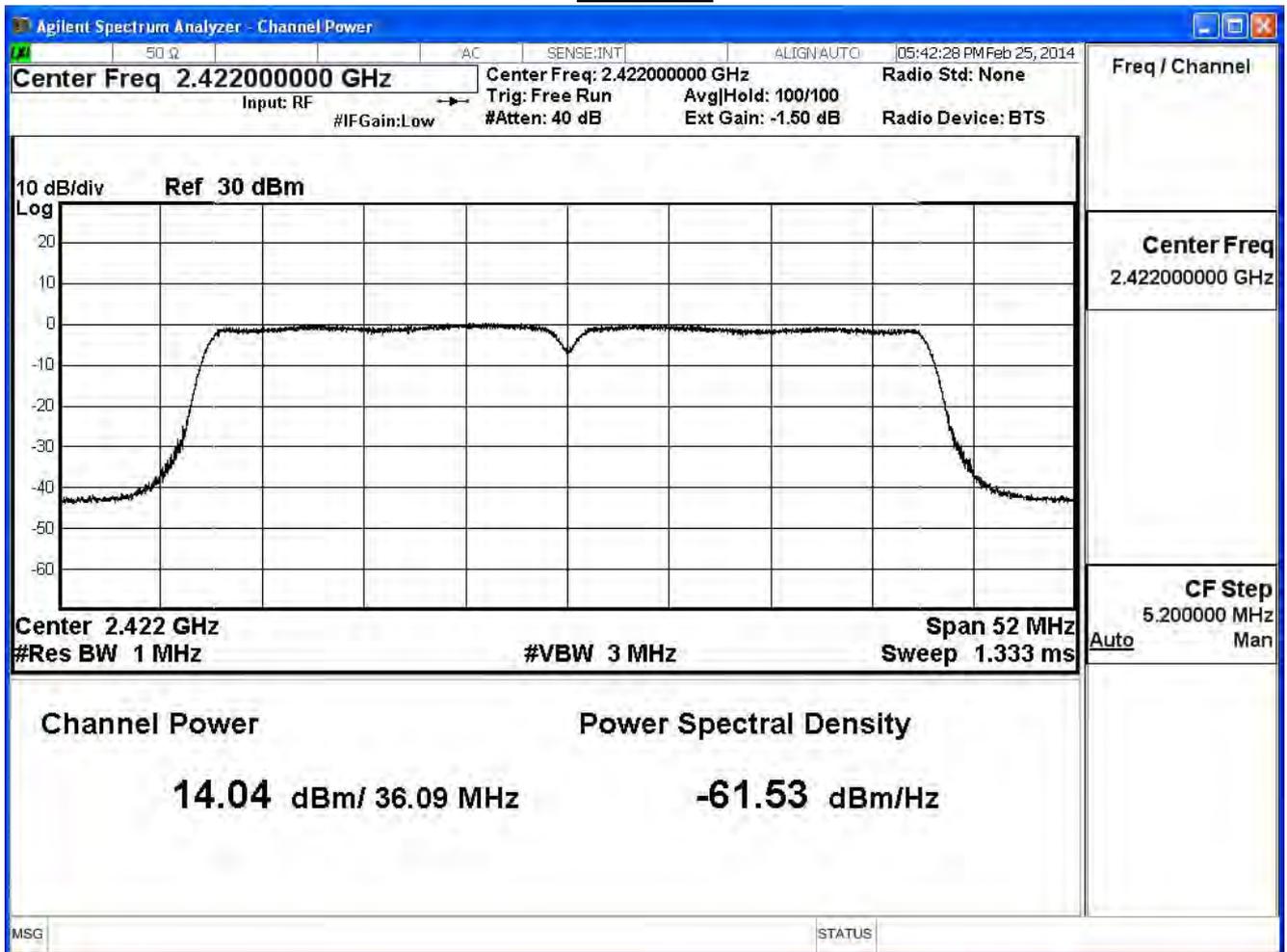
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	14.04	≤ 30	Pass
6	2437	17.24	≤ 30	Pass
9	2452	15.34	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

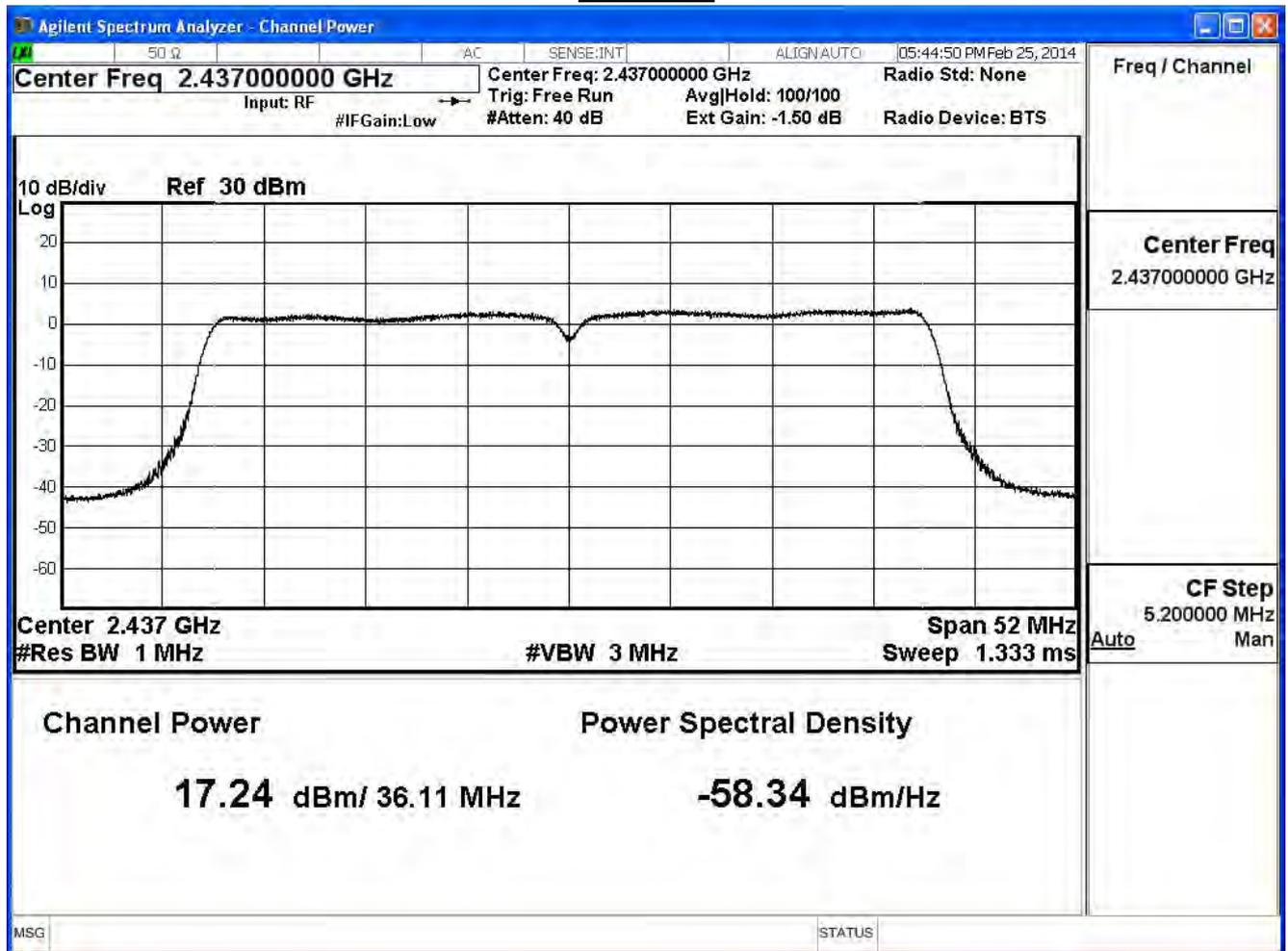
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
3	2422	14.04	--	--	--	--	--	--	--	30dBm
6	2437	17.24	17.04	16.82	16.72	16.62	16.38	16.25	16.13	30dBm
9	2452	15.34	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

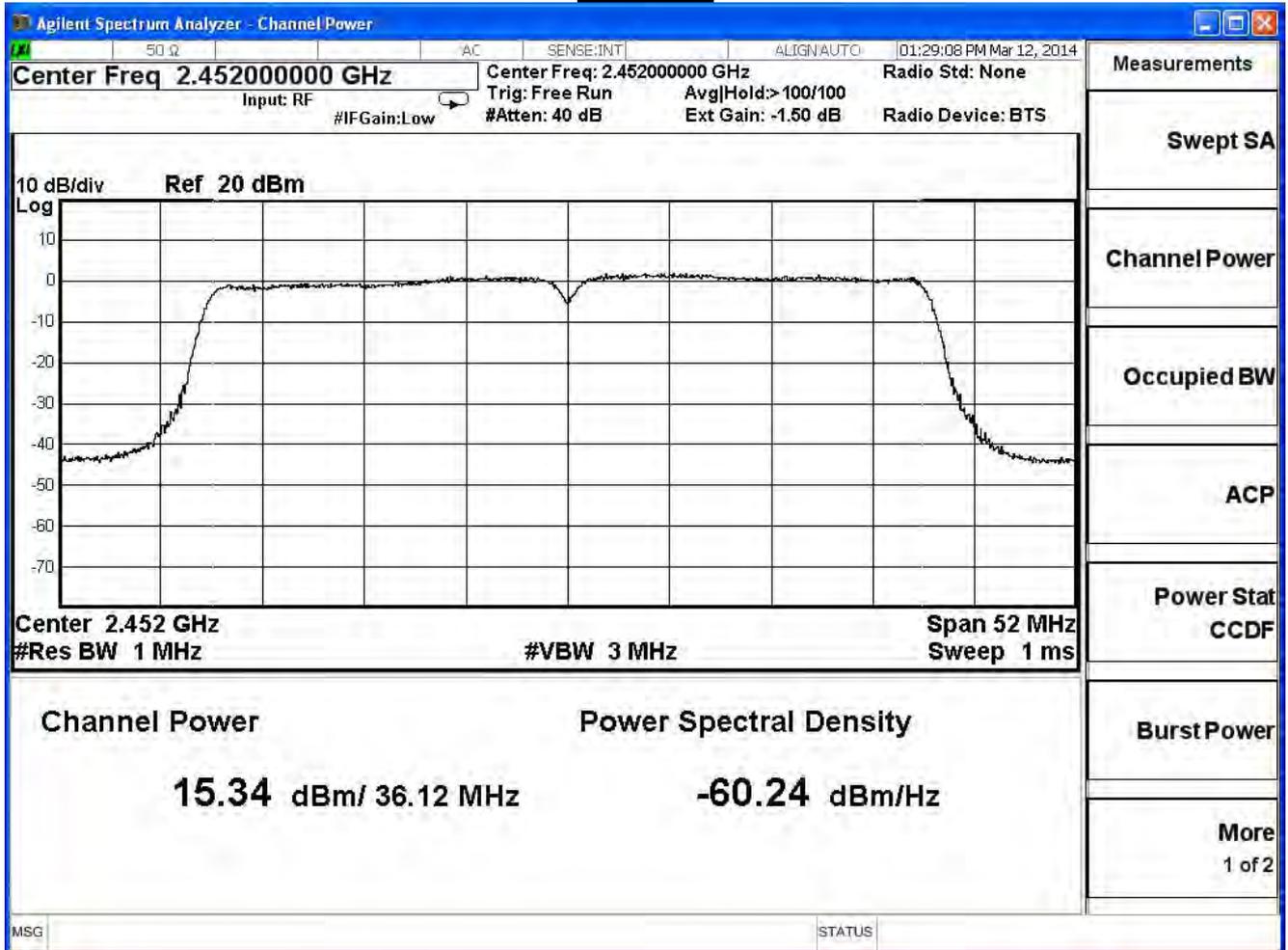
**Channel 3**



**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	2014/03/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 1) , power index: ch3:58, ch6:72, ch9:63

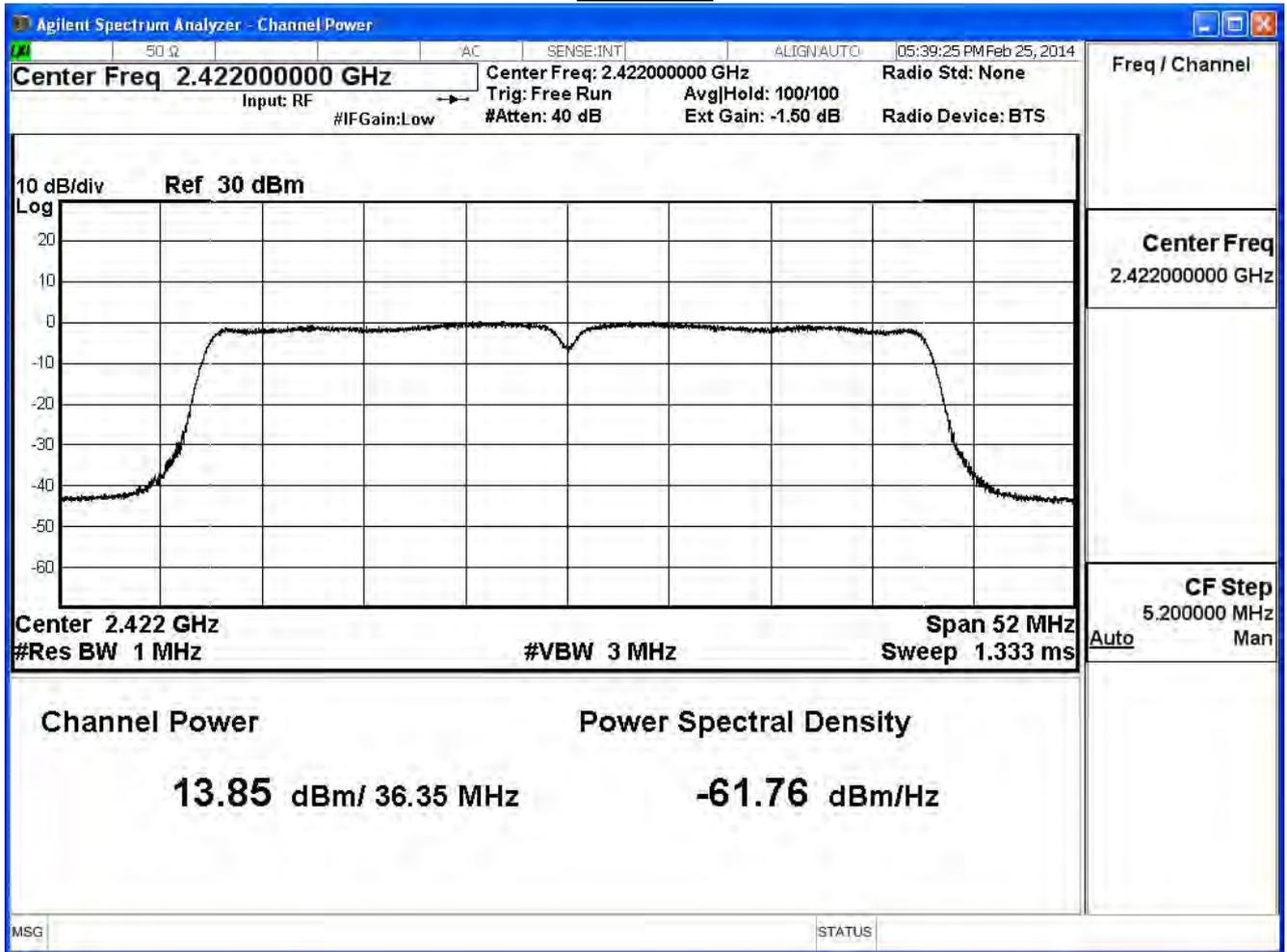
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	13.85	≤ 30	Pass
6	2437	16.77	≤ 30	Pass
9	2452	15.23	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

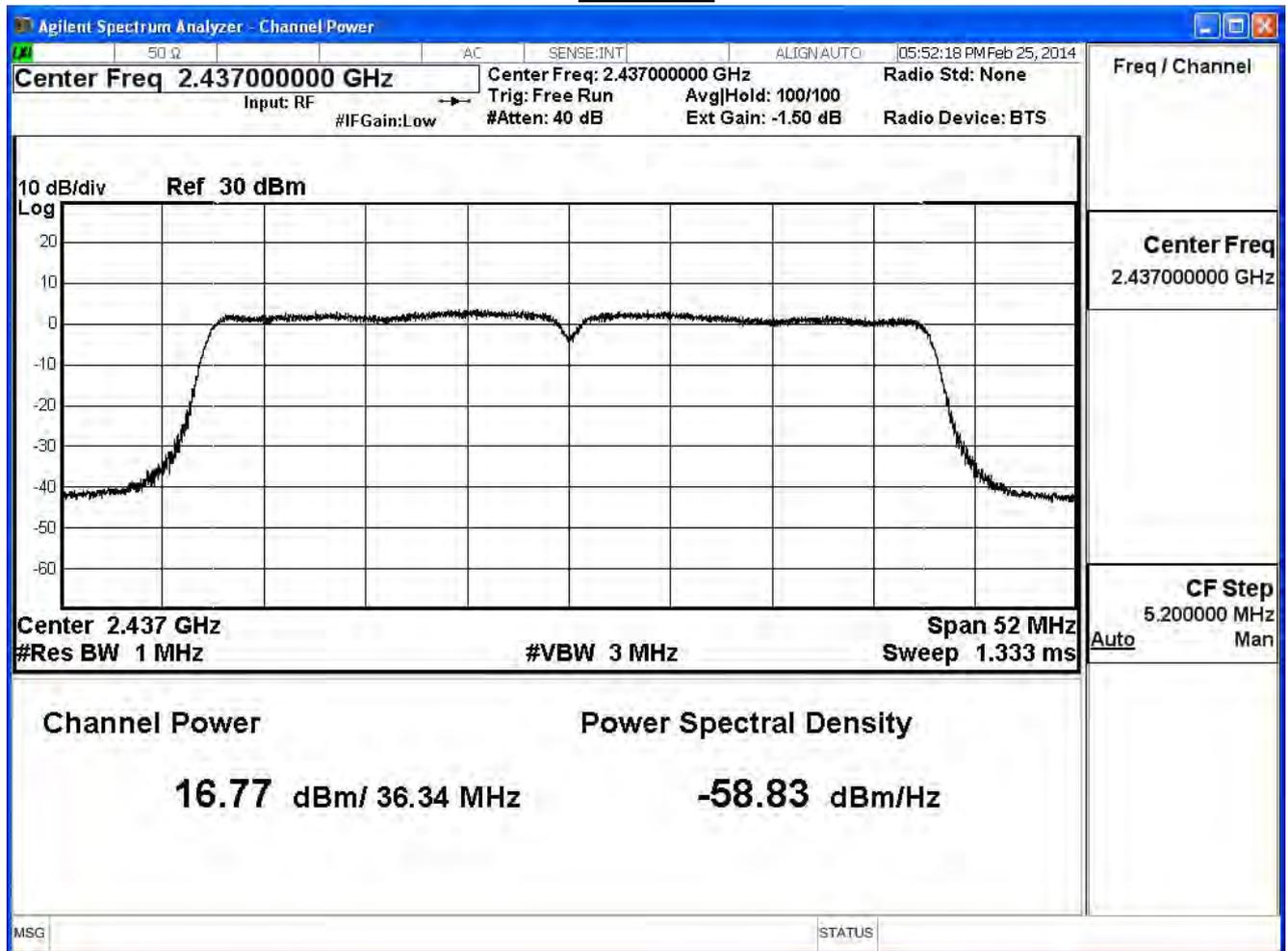
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
3	2422	13.85	--	--	--	--	--	--	--	30dBm
6	2437	16.77	16.67	16.57	16.31	16.11	15.87	15.75	15.63	30dBm
9	2452	15.23	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

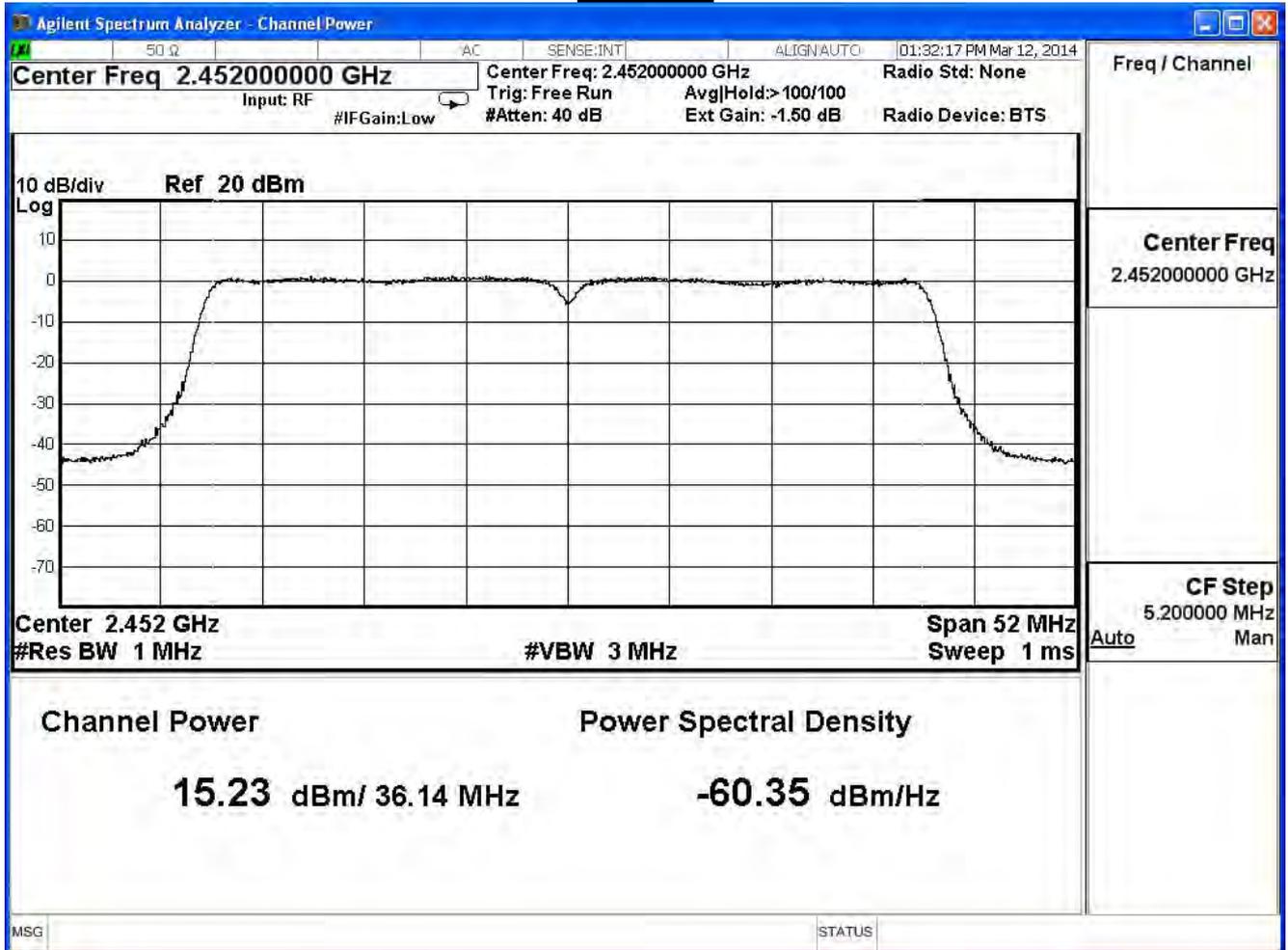
Channel 3



**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	2014/03/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 2) , power index: ch3:58, ch6:72, ch9:63

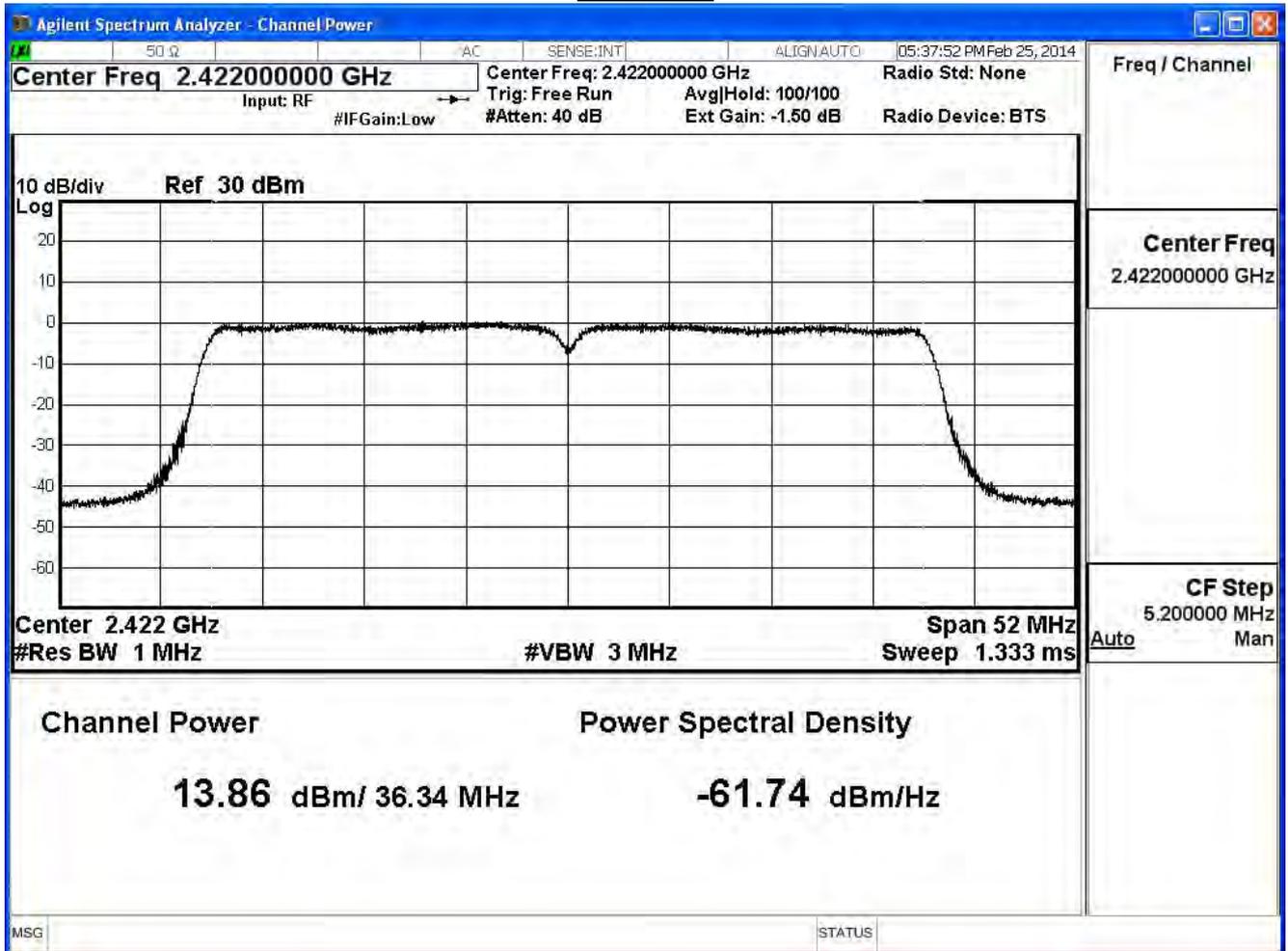
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	13.86	≤ 30	Pass
6	2437	17.03	≤ 30	Pass
9	2452	15.33	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

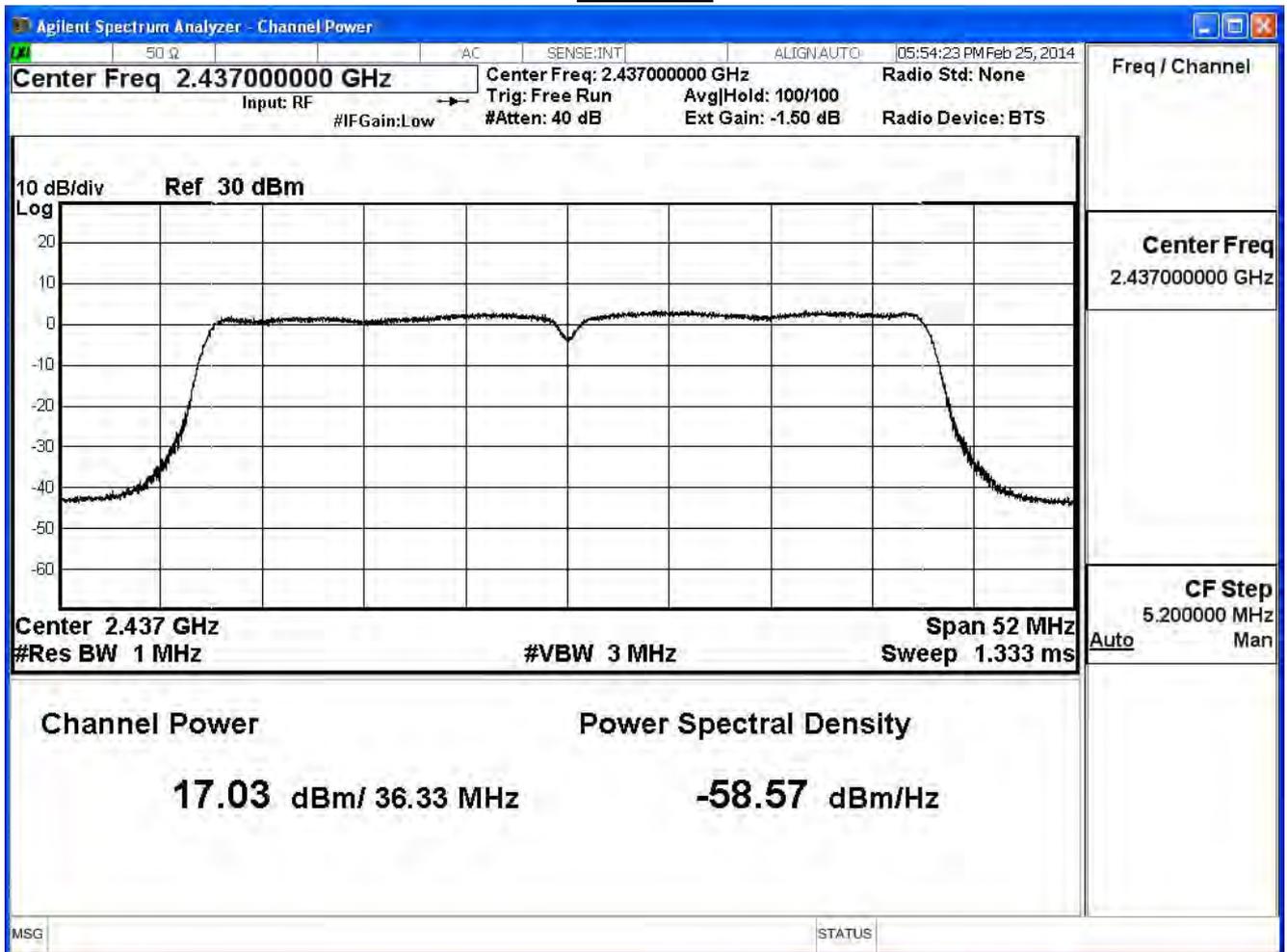
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
3	2422	13.86	--	--	--	--	--	--	--	30dBm
6	2437	17.03	16.93	16.82	16.72	16.48	16.36	16.24	16.00	30dBm
9	2452	15.33	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

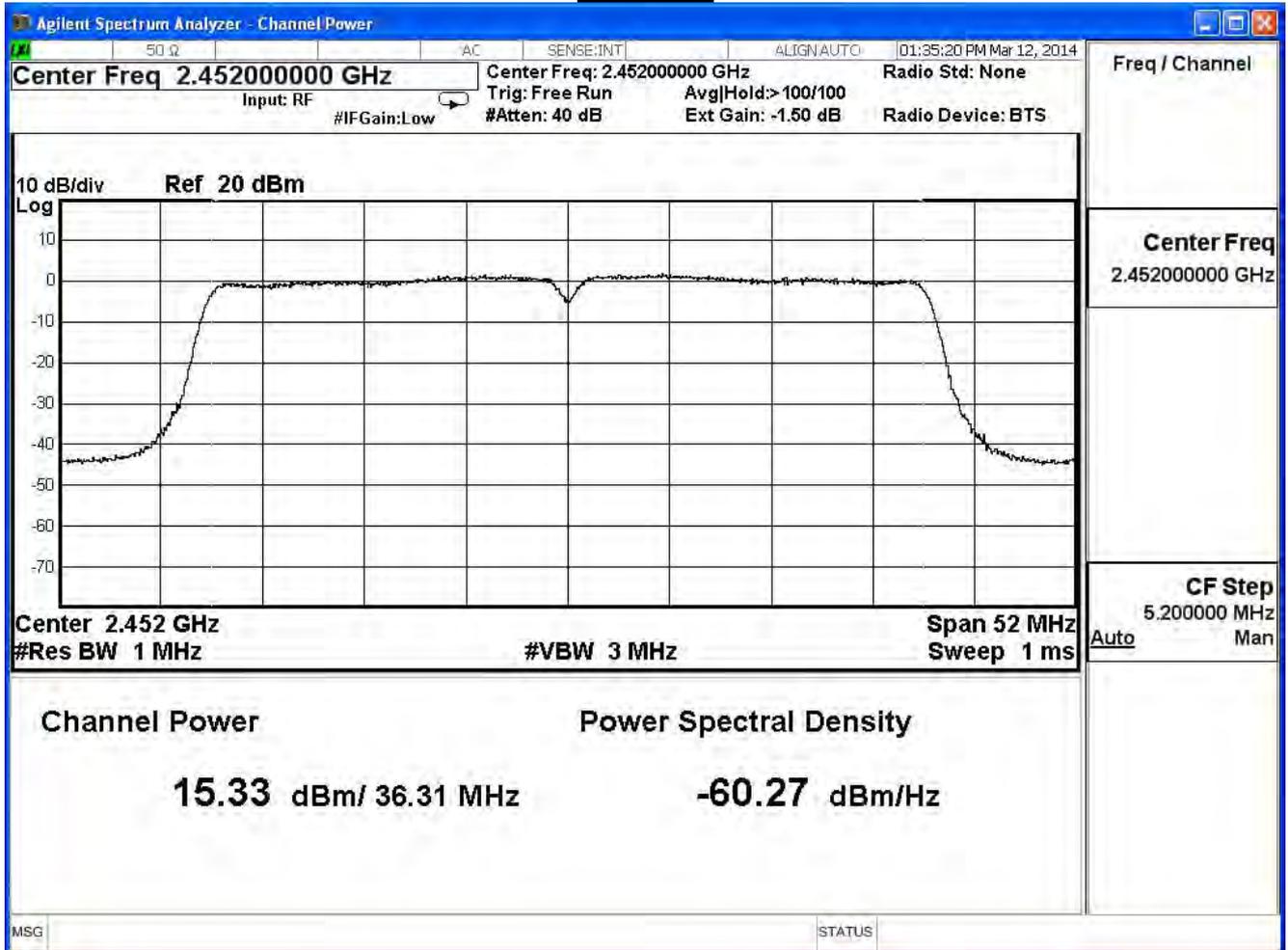
**Channel 3**



**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	2014/03/12	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	18.69	≤ 30	Pass
6	2437	21.79	≤ 30	Pass
9	2452	20.07	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
3	2422	18.69	--	--	--	--	--	--	--	30dBm
6	2437	21.79	21.62	21.48	21.30	21.12	21.00	20.87	20.71	30dBm
9	2452	20.07	--	--	--	--	--	--	--	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	2014/06/19	Test Site	SR7

IEEE802.11a (ANT 0) , power index: ch:149:100 , ch:157:100 , ch:165:100

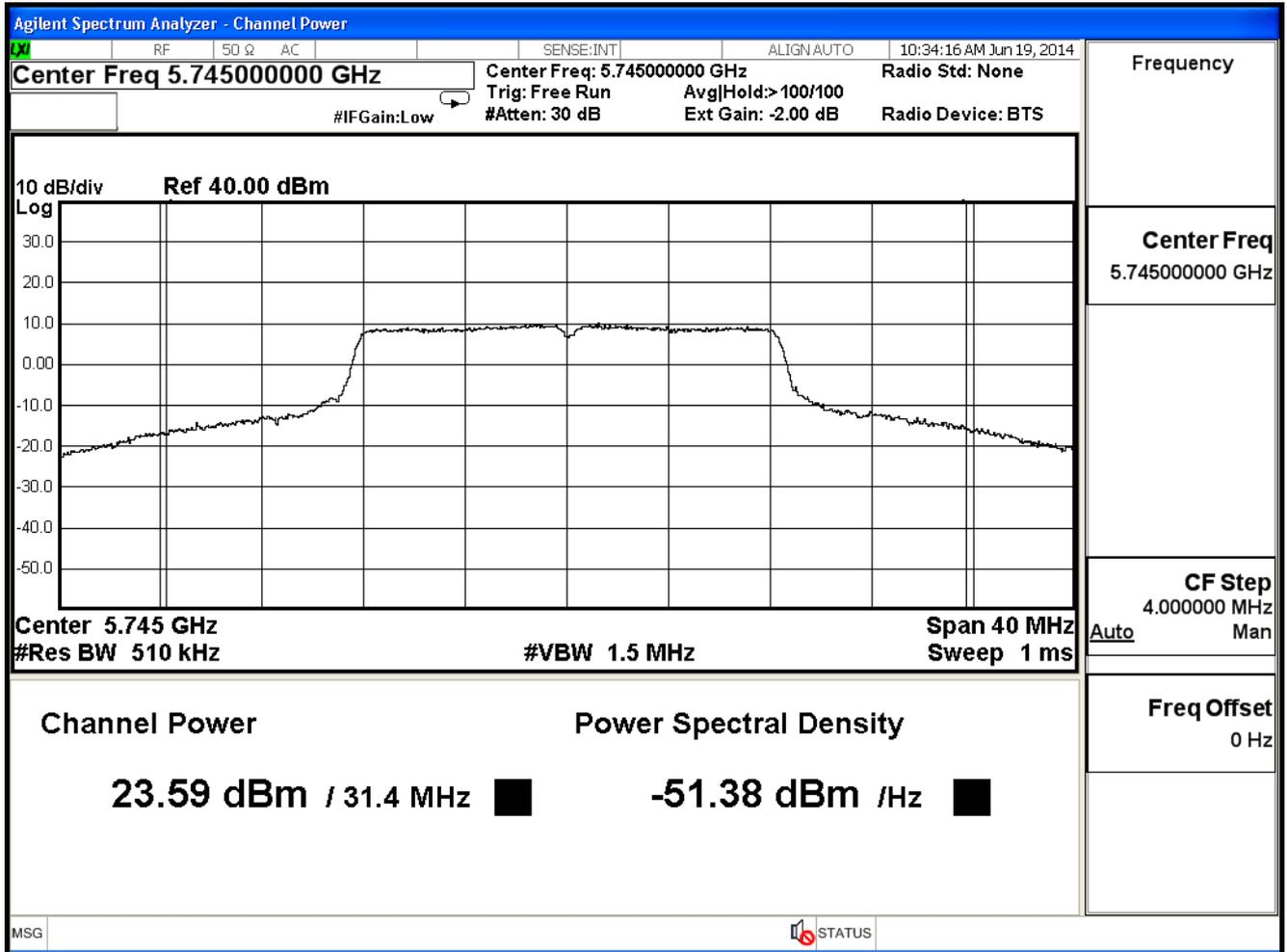
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.590	≤ 30	Pass
157	5785	23.660	≤ 30	Pass
165	5825	23.520	≤ 30	Pass

The worst emission of data rate is 6Mbps

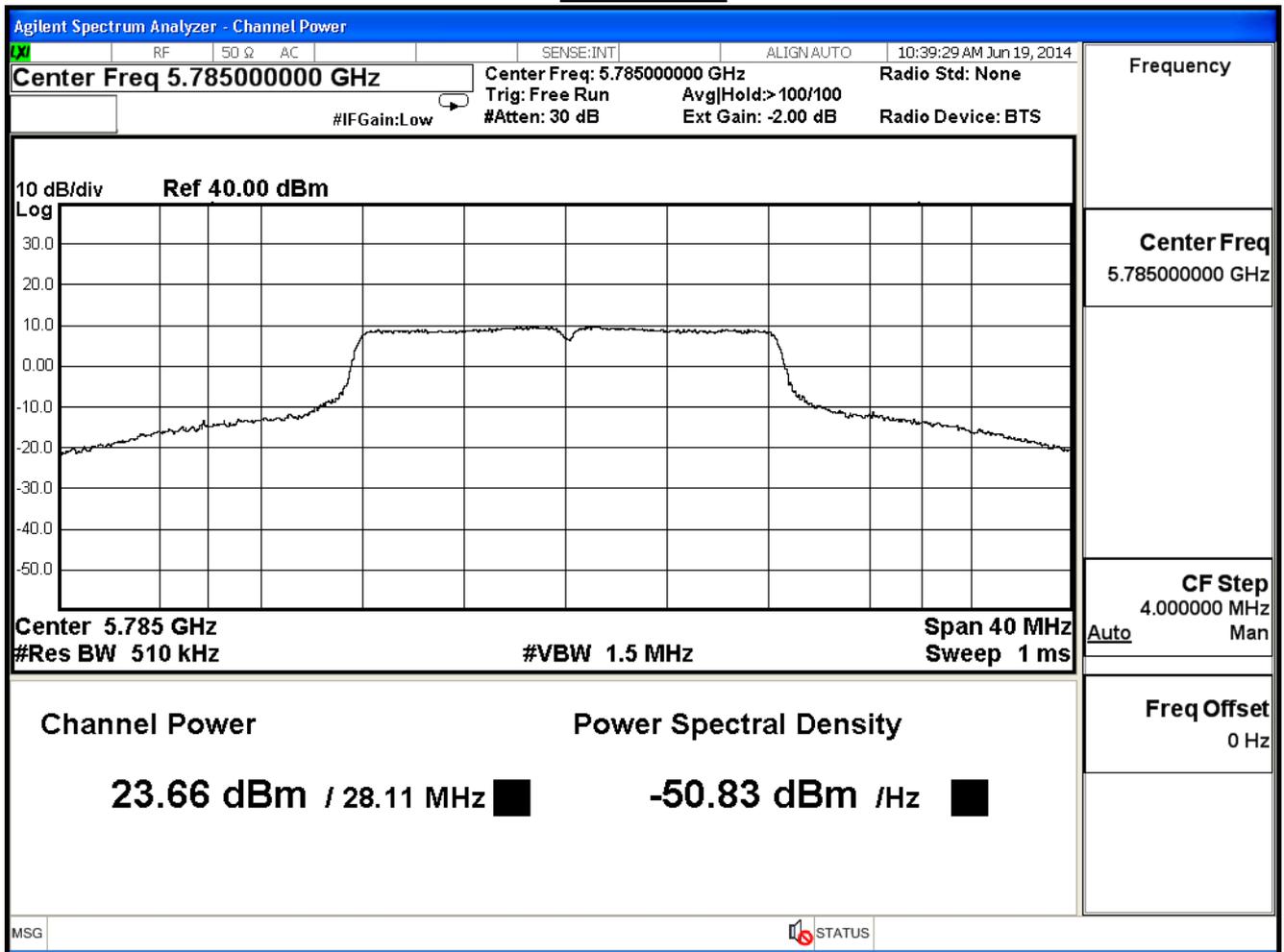
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.59	--	--	--	--	--	--	30dBm
157	5785	23.66	23.44	23.34	23.14	23.02	22.78	22.48	30dBm
165	5825	23.52	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

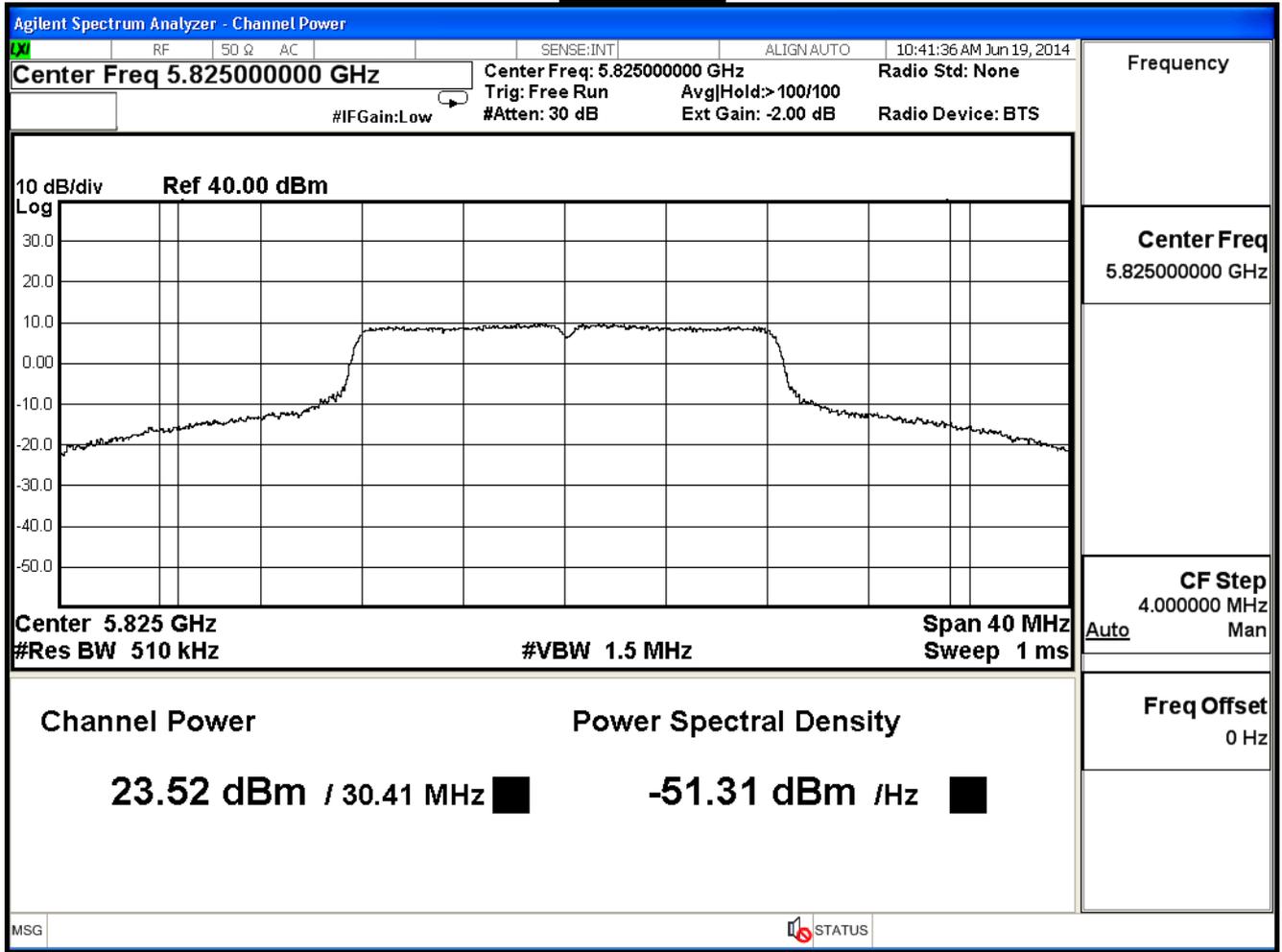
Channel 149



## 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	2014/06/19	Test Site	SR7

IEEE802.11a (ANT 1) , power index: ch:149:100 , ch:157:100 , ch:165:100

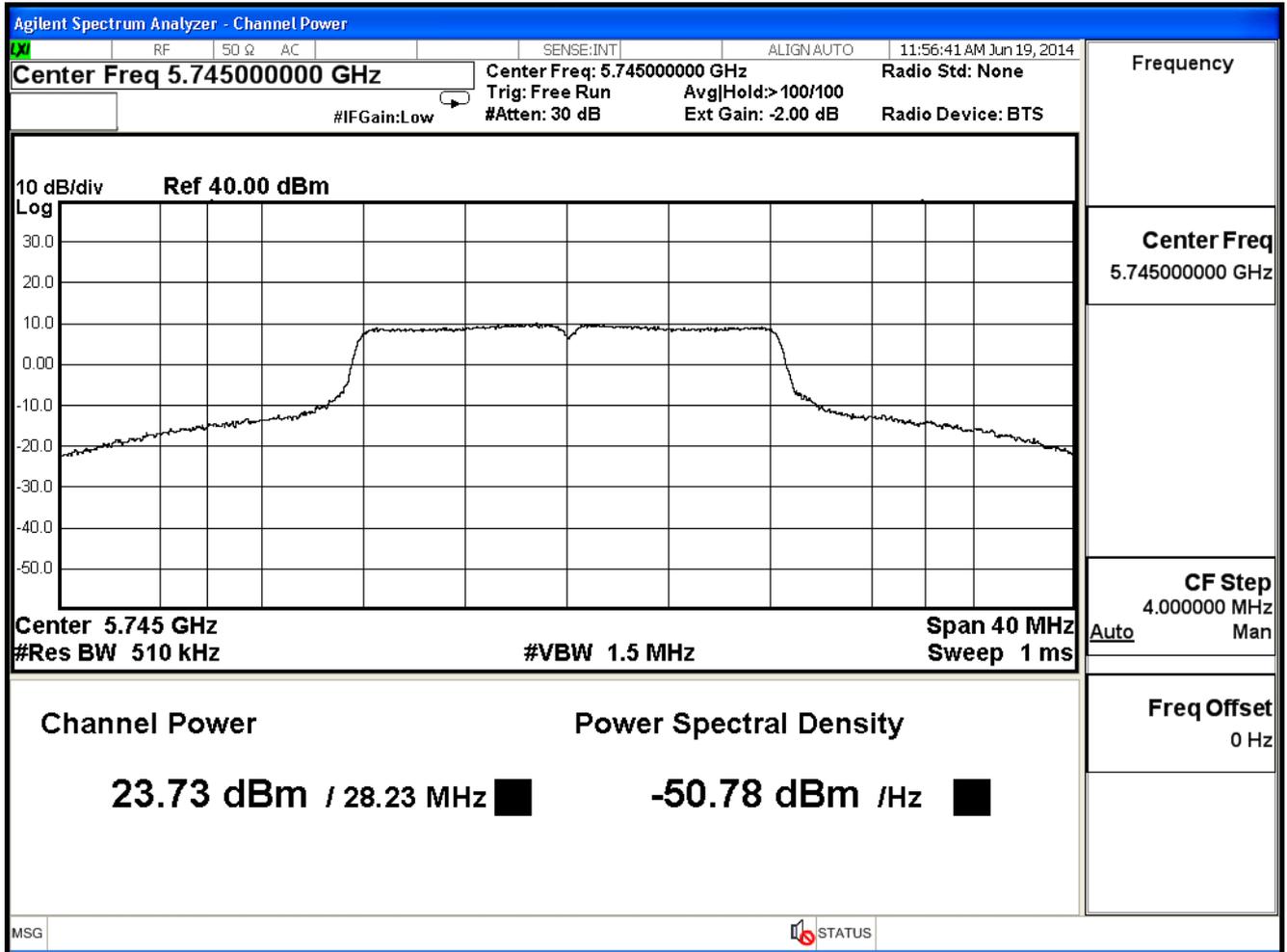
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.730	≤ 30	Pass
157	5785	23.750	≤ 30	Pass
165	5825	23.660	≤ 30	Pass

The worst emission of data rate is 6Mbps

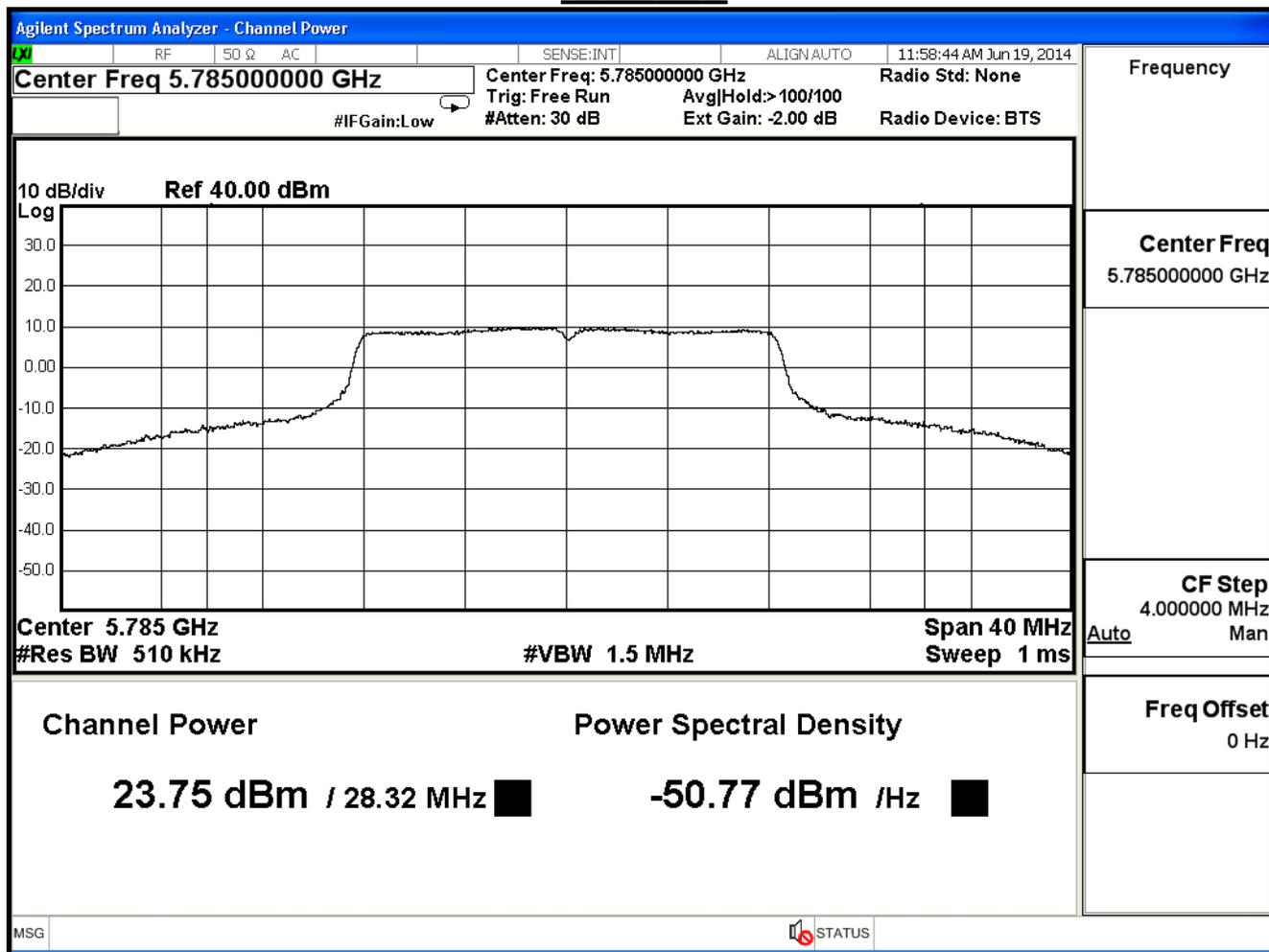
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.73	--	--	--	--	--	--	30dBm
157	5785	23.75	23.65	23.53	23.43	23.33	23.07	22.83	30dBm
165	5825	23.66	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

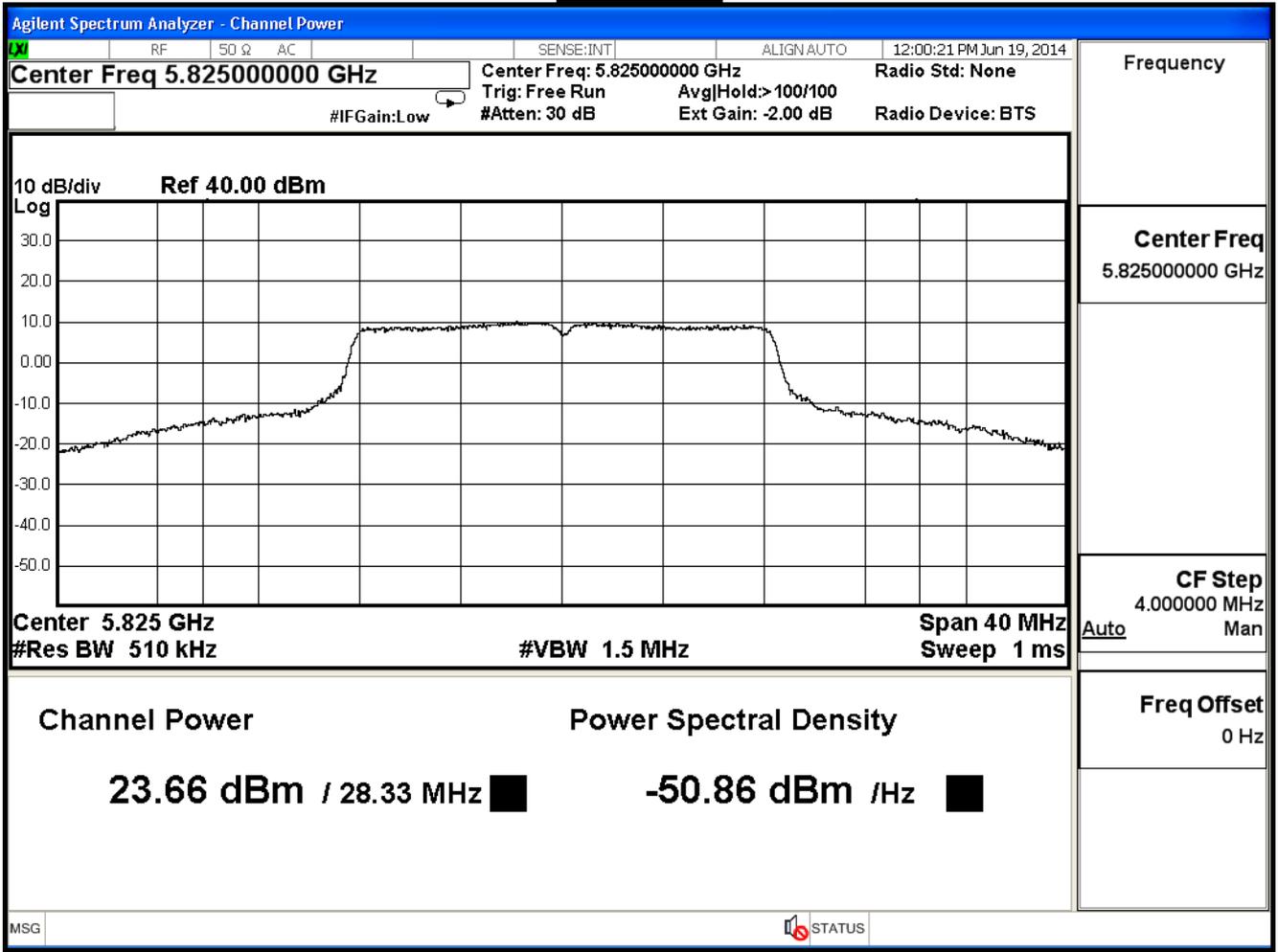
Channel 149



## 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	2014/06/19	Test Site	SR7

IEEE802.11a (ANT 2) , power index: ch:149:100 , ch:157:100 , ch:165:100

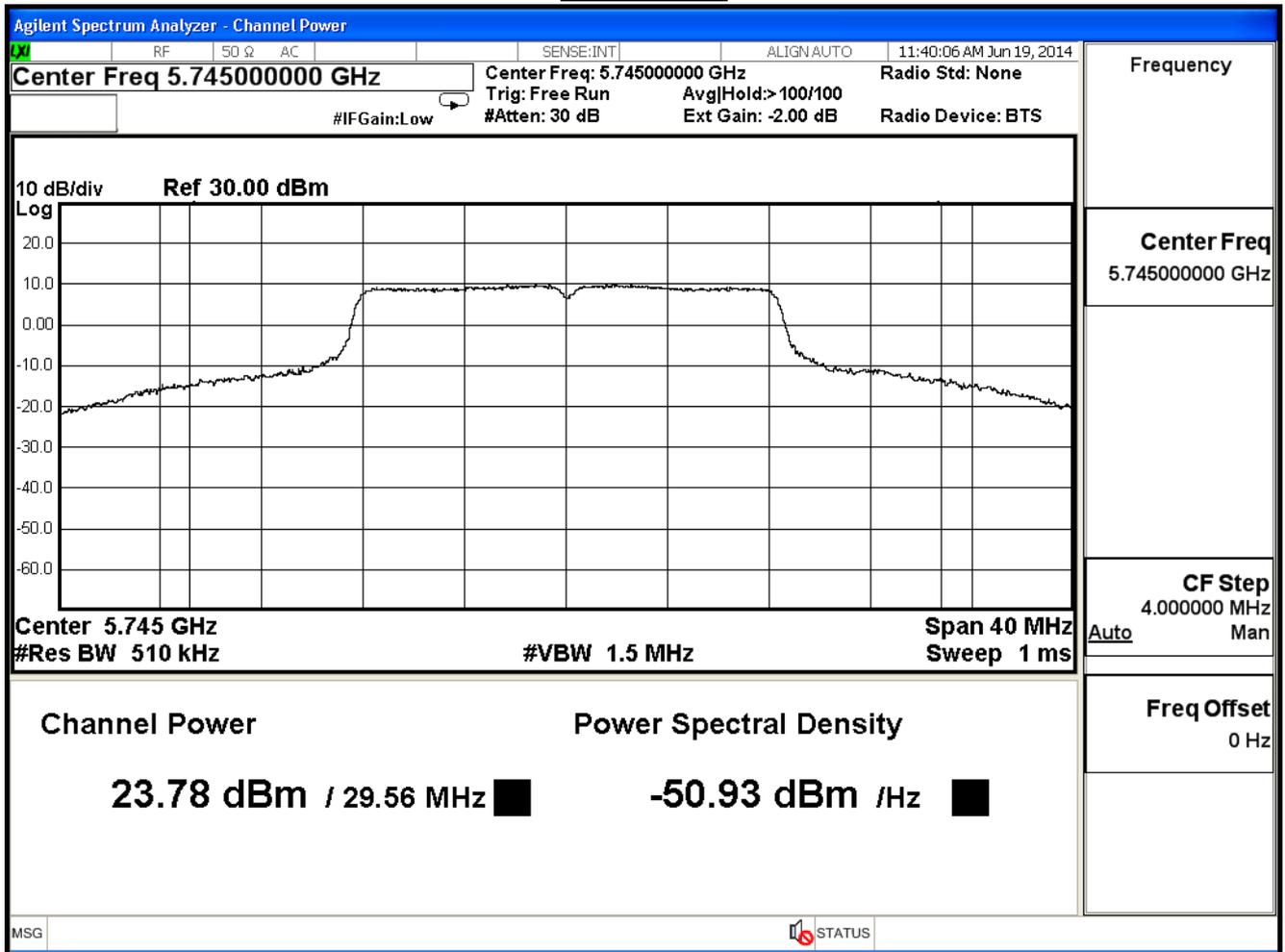
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.780	≤ 30	Pass
157	5785	23.830	≤ 30	Pass
165	5825	23.640	≤ 30	Pass

The worst emission of data rate is 6Mbps

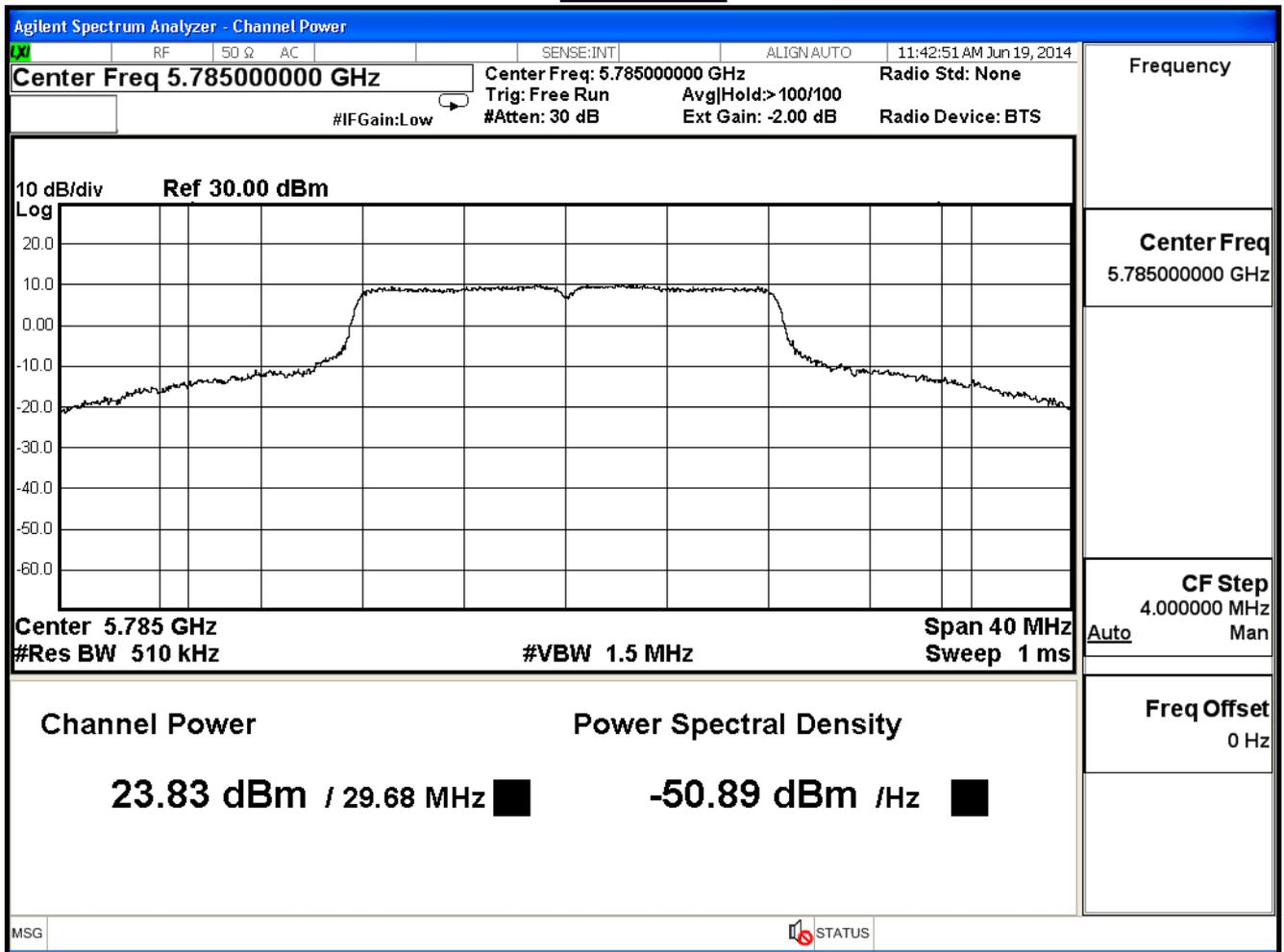
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.78	--	--	--	--	--	--	30dBm
157	5785	23.83	23.73	23.53	23.29	23.19	22.95	22.83	30dBm
165	5825	23.64	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

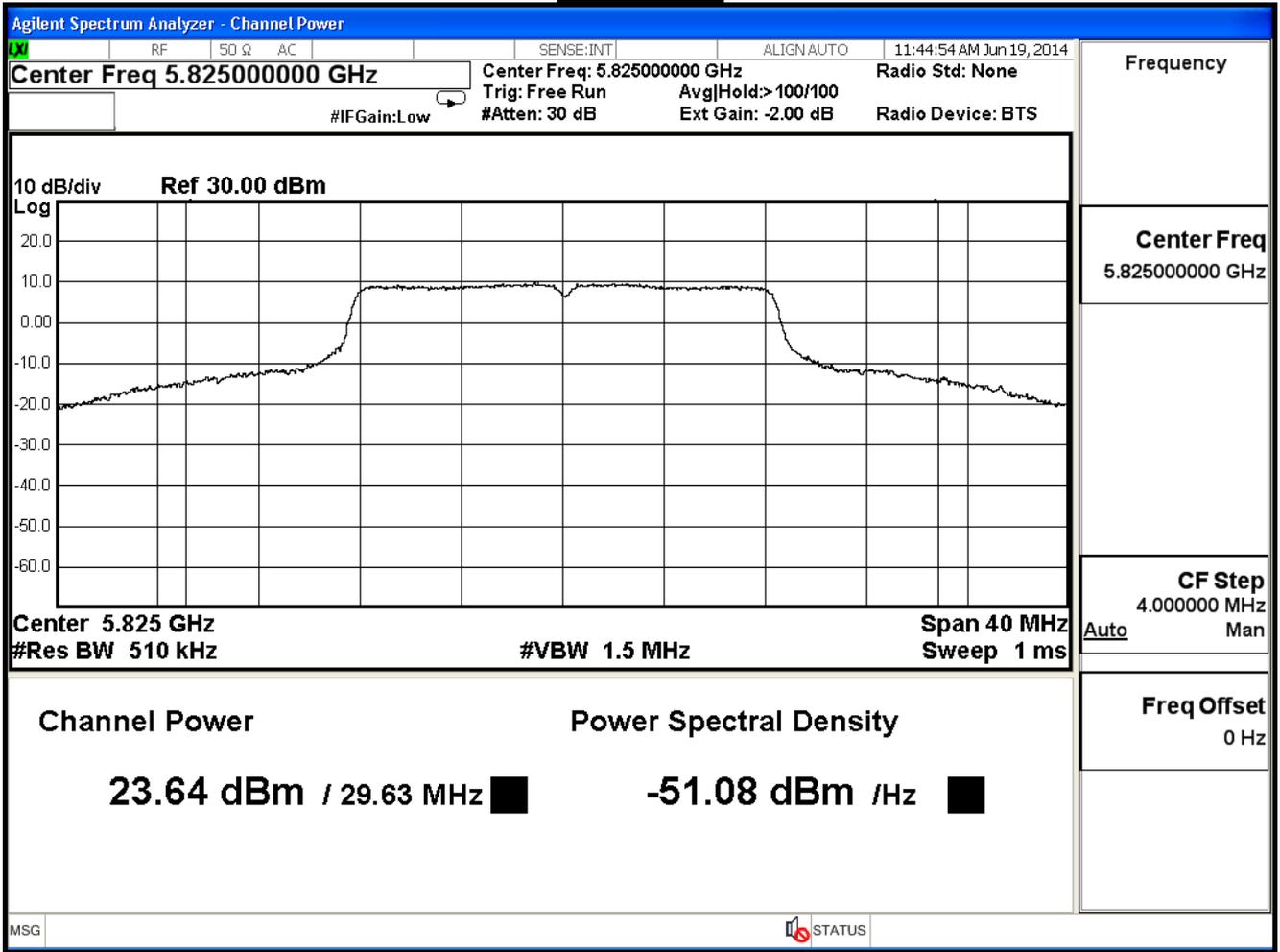
## Channel 149



**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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	28.472	≤ 30	Pass
157	5785	28.518	≤ 30	Pass
165	5825	28.378	≤ 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	28.47	--	--	--	--	--	--	30dBm
157	5785	28.52	28.38	28.24	28.06	27.95	27.71	27.49	30dBm
165	5825	28.38	--	--	--	--	--	--	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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 0) , power index: ch.149:100 , ch:157:100 , ch:165:100

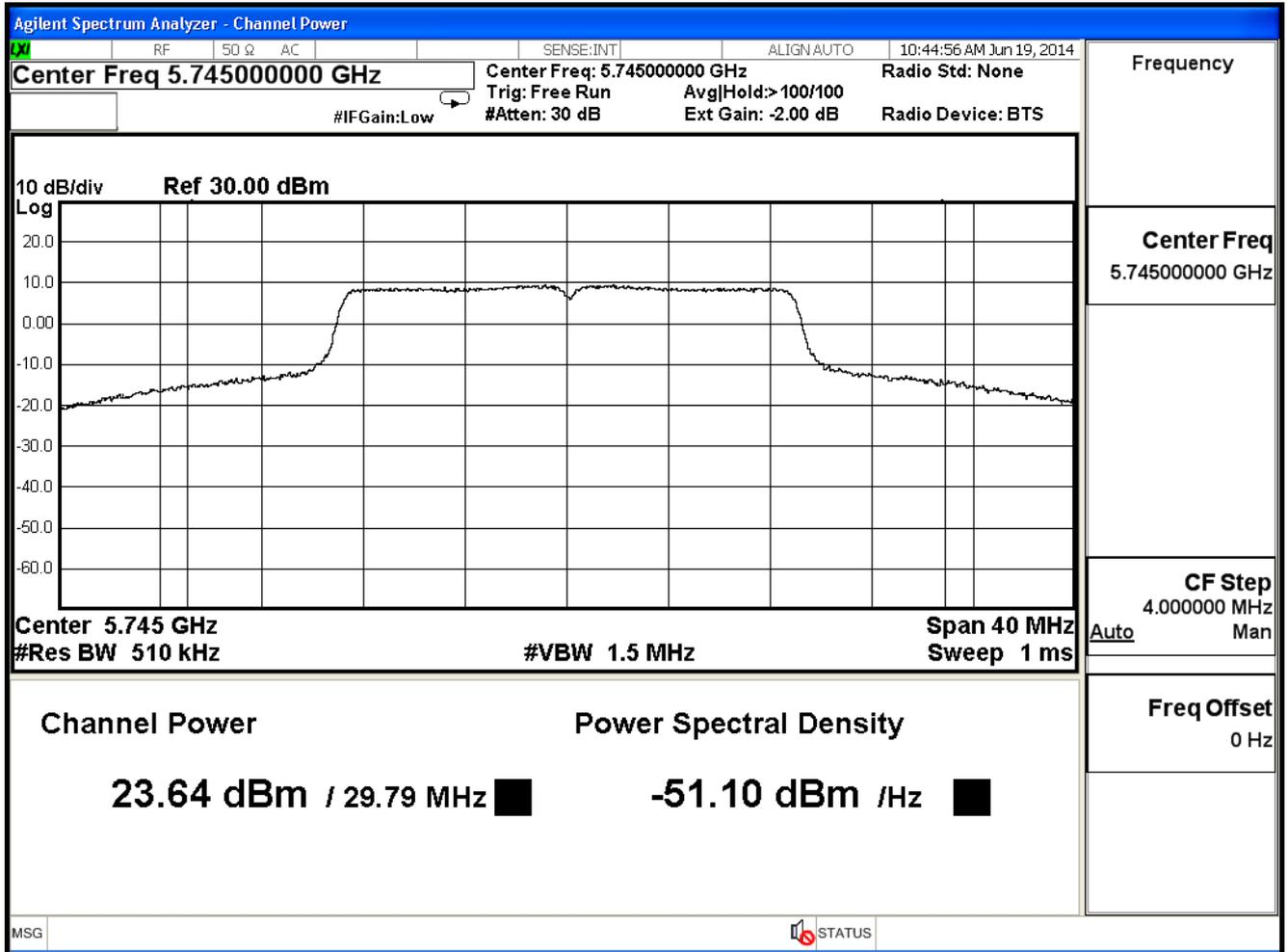
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.640	≤ 30	Pass
157	5785	23.660	≤ 30	Pass
165	5825	23.520	≤ 30	Pass

The worst emission of data rate is 6.5Mbps

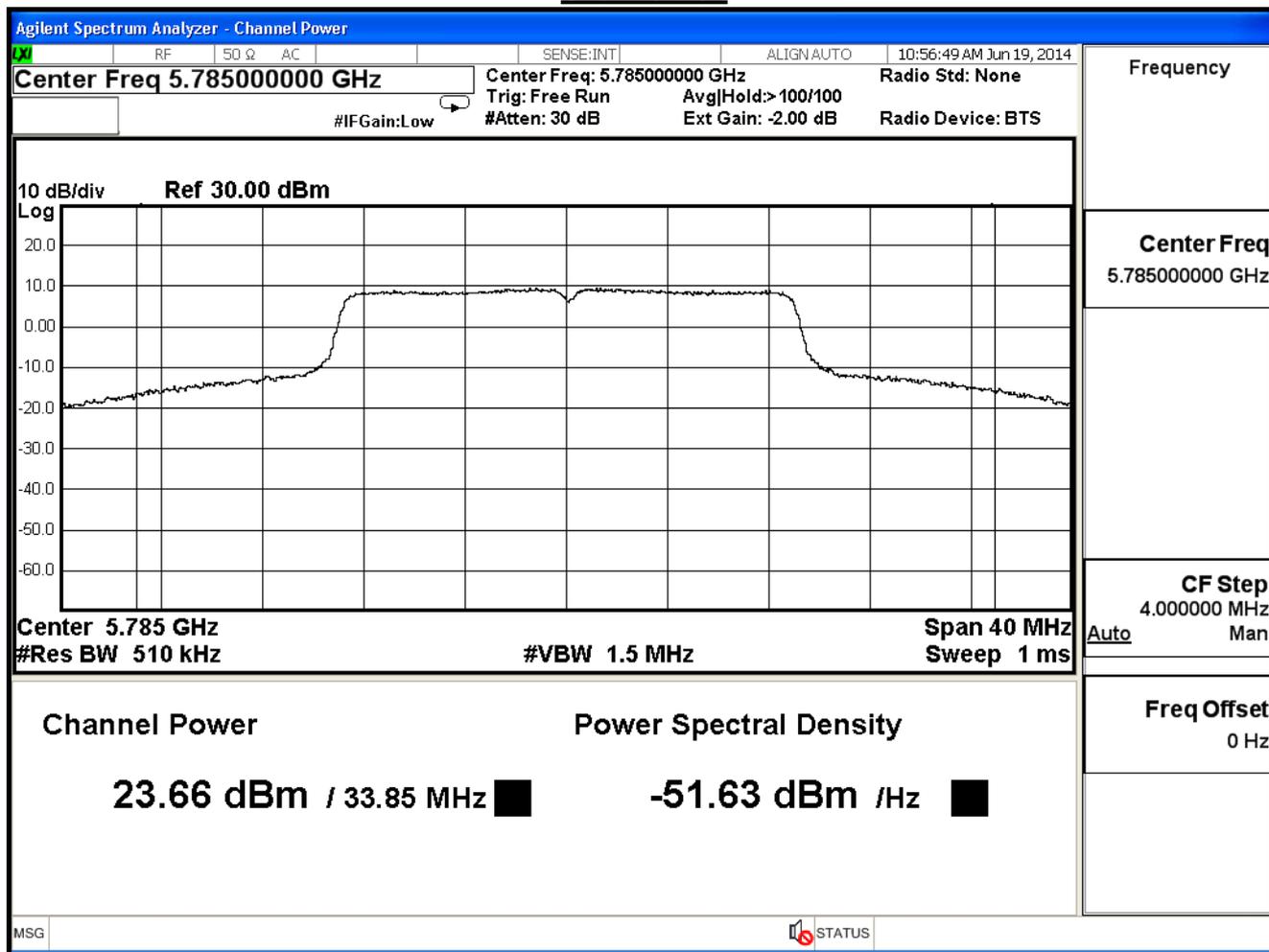
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
149	5745	23.64	--	--	--	--	--	--	--	30dBm
157	5785	23.66	23.44	23.34	23.24	23.12	22.88	22.58	22.34	30dBm
165	5825	23.52	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

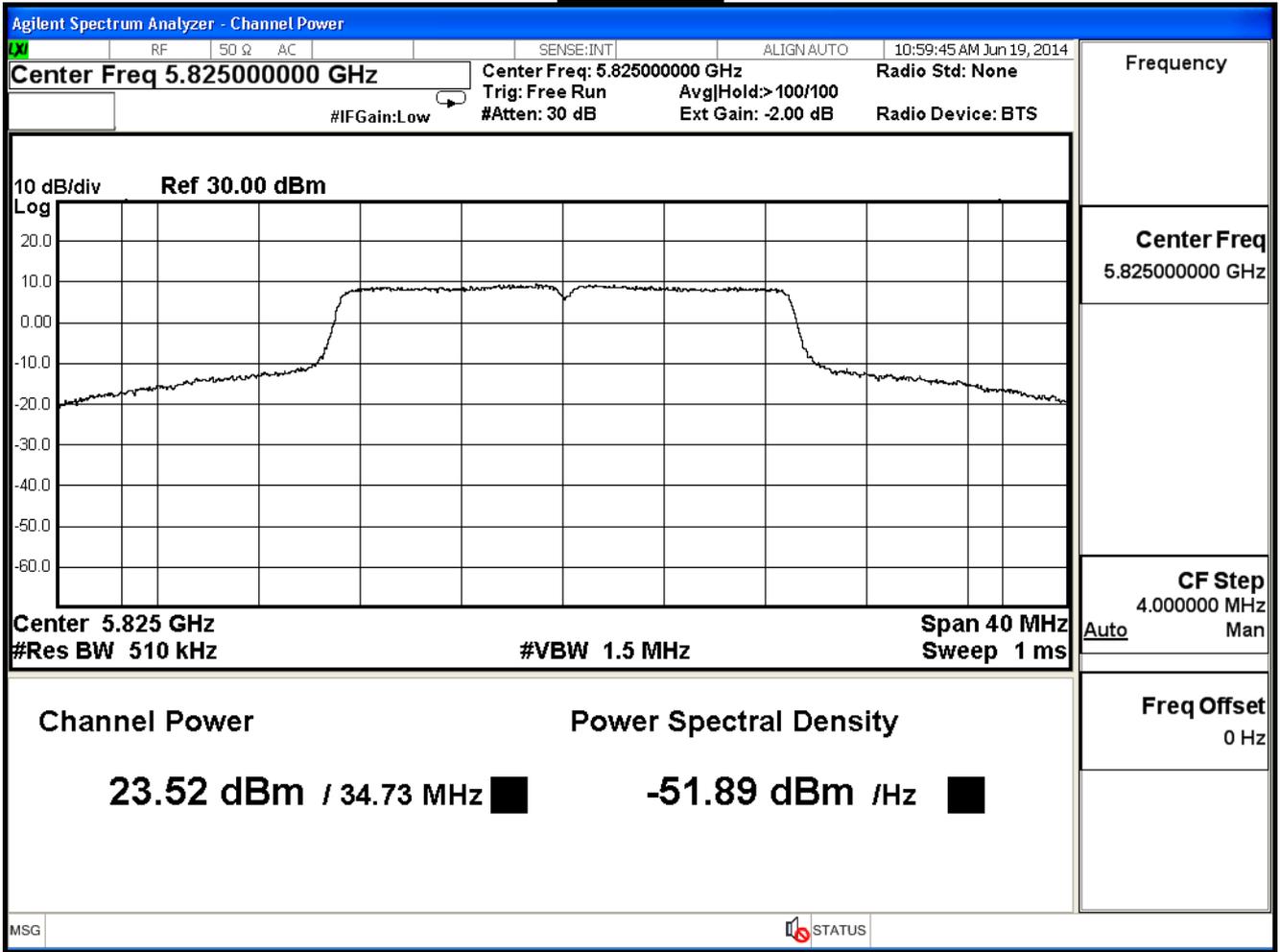
Channel 149



## 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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 1) , power index: ch.149:100 , ch:157:100 , ch:165:100

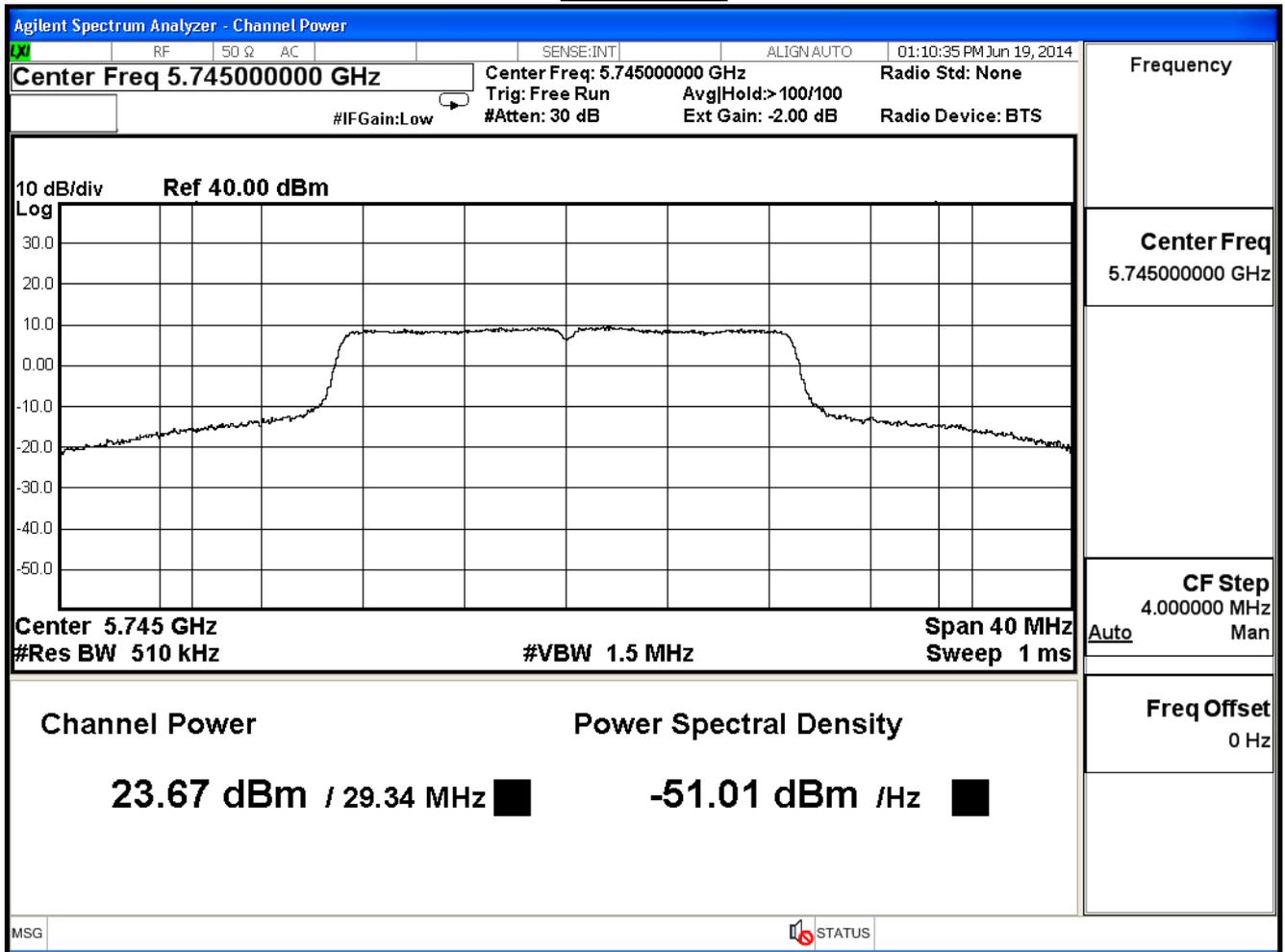
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.670	≤ 30	Pass
157	5785	23.710	≤ 30	Pass
165	5825	23.570	≤ 30	Pass

The worst emission of data rate is 6.5Mbps

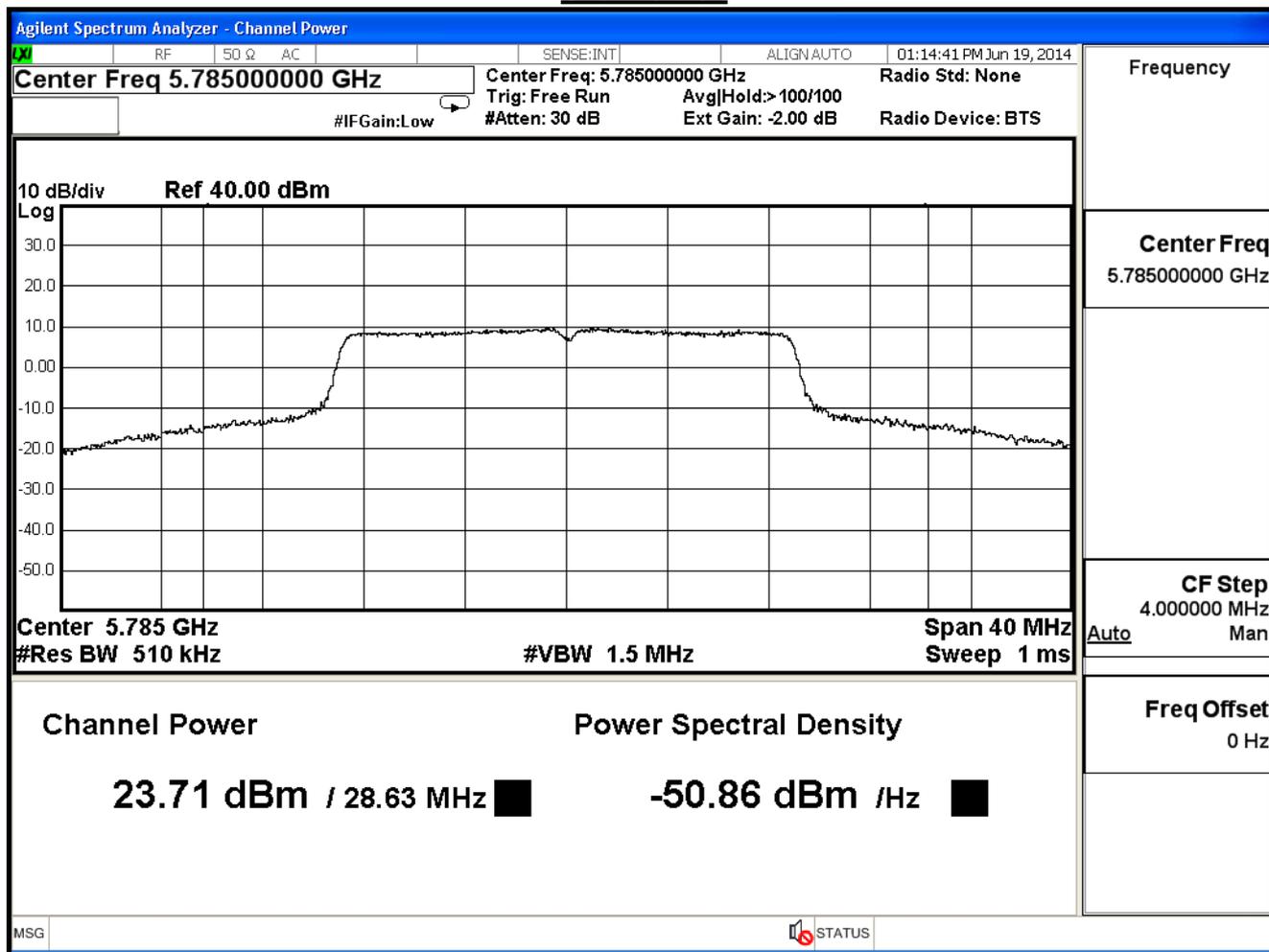
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
149	5745	23.67	--	--	--	--	--	--	--	30dBm
157	5785	23.71	23.51	23.27	23.07	22.87	22.74	22.50	22.38	30dBm
165	5825	23.57	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

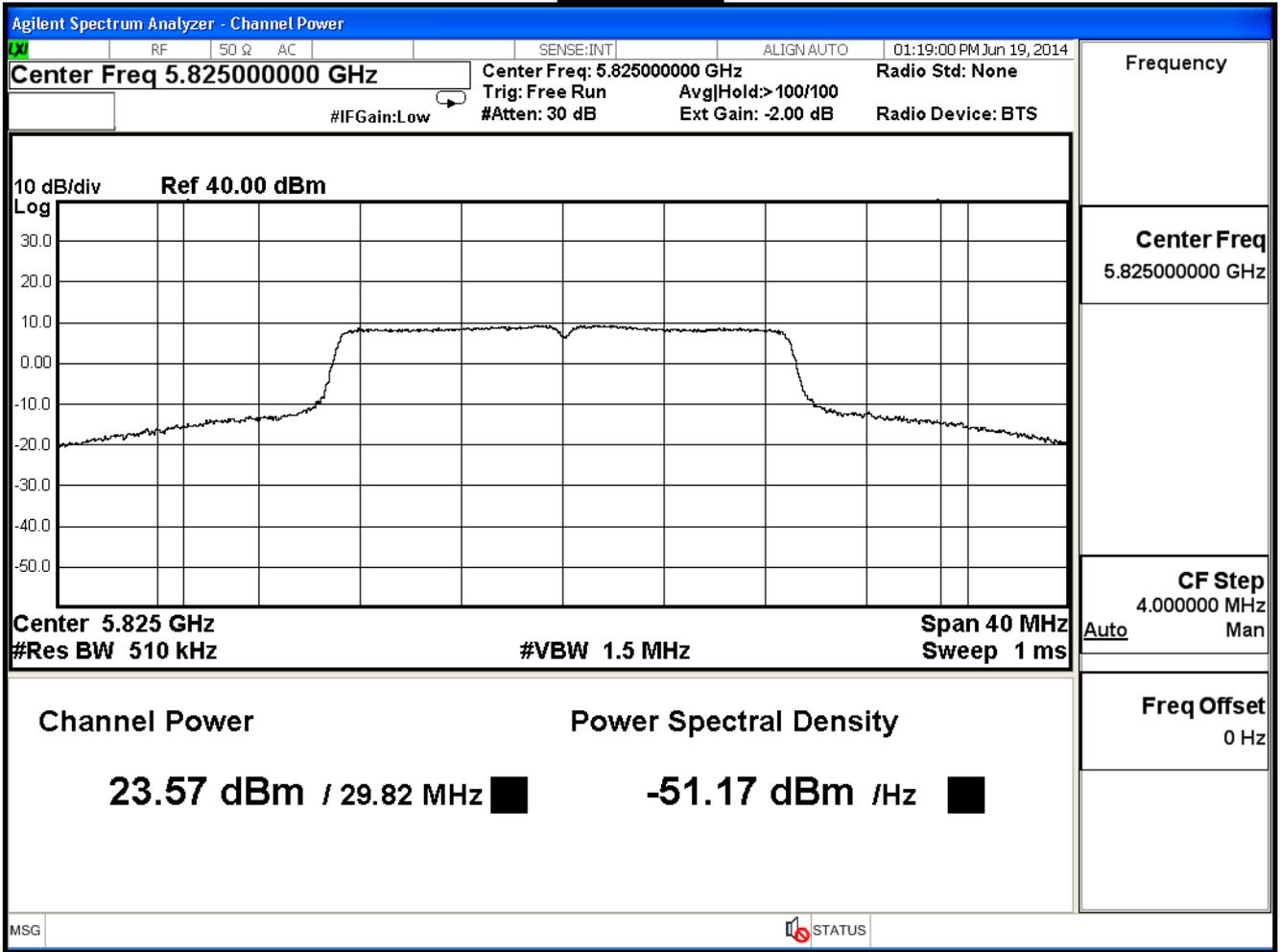
Channel 149



**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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 2) , power index: ch.149:100 , ch:157:100 , ch:165:100

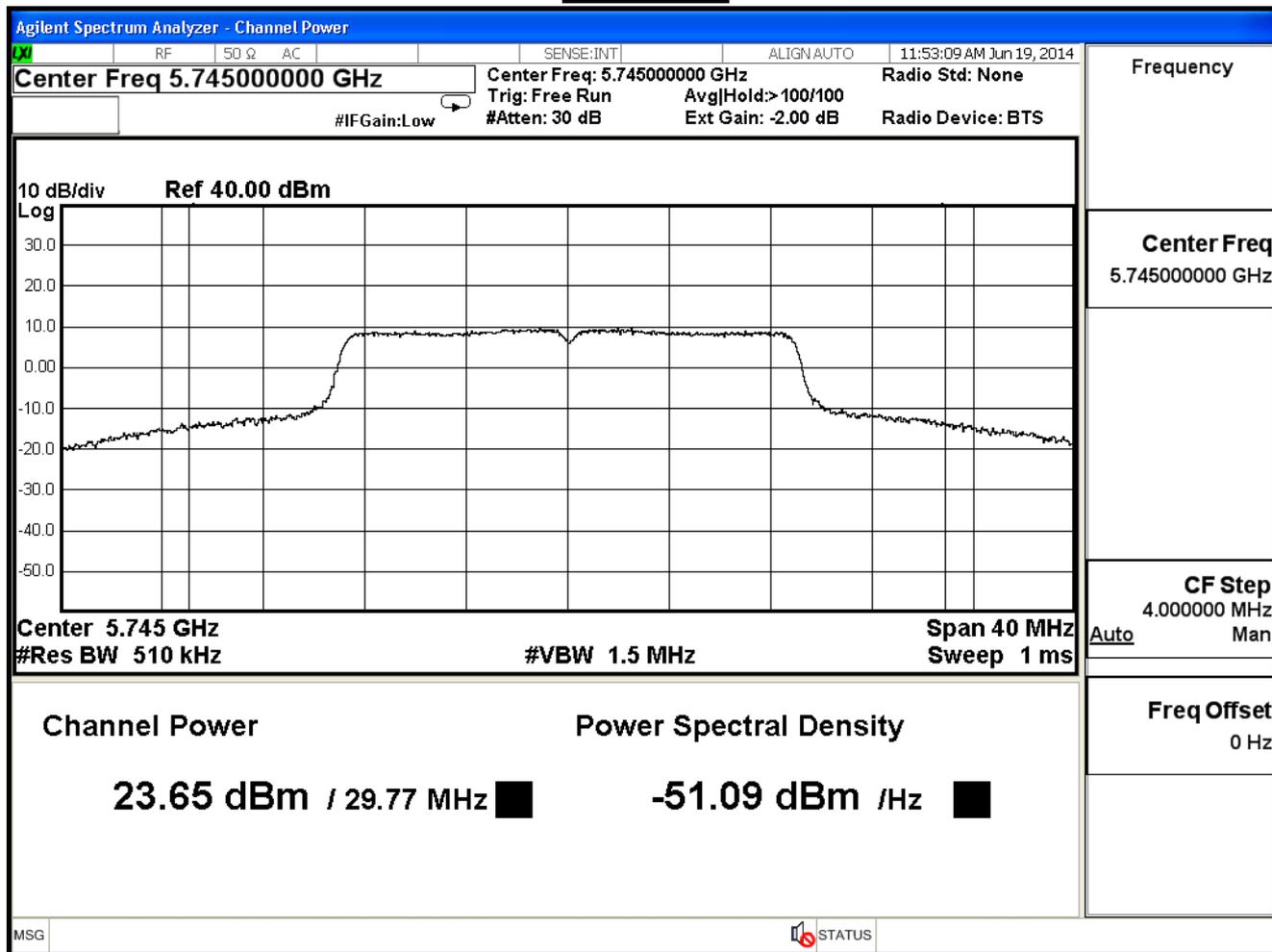
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.650	≤ 30	Pass
157	5785	23.720	≤ 30	Pass
165	5825	23.610	≤ 30	Pass

The worst emission of data rate is 6.5Mbps

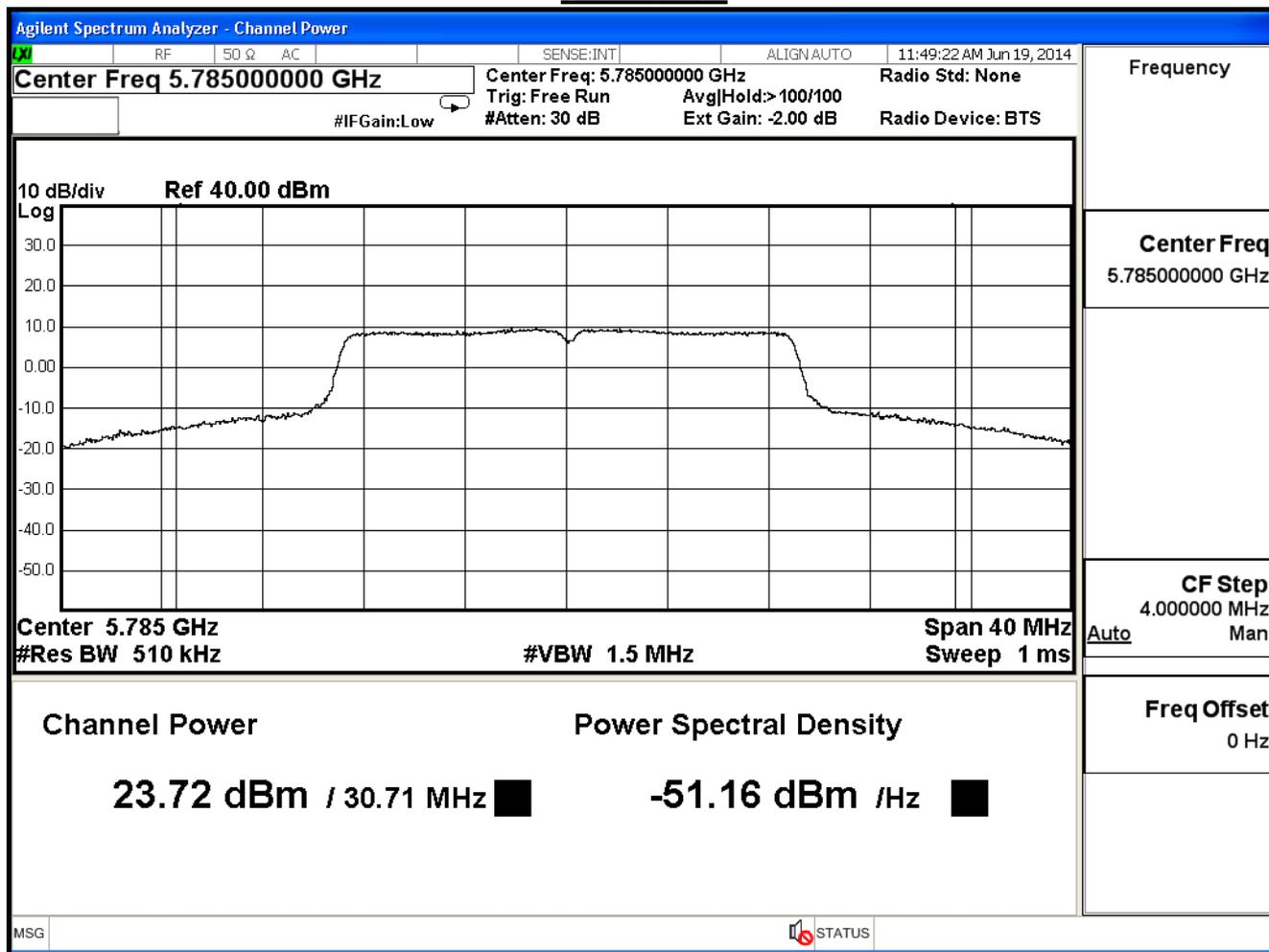
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
149	5745	23.65	--	--	--	--	--	--	--	30dBm
157	5785	23.72	23.62	23.42	23.18	22.98	22.86	22.62	22.38	30dBm
165	5825	23.61	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

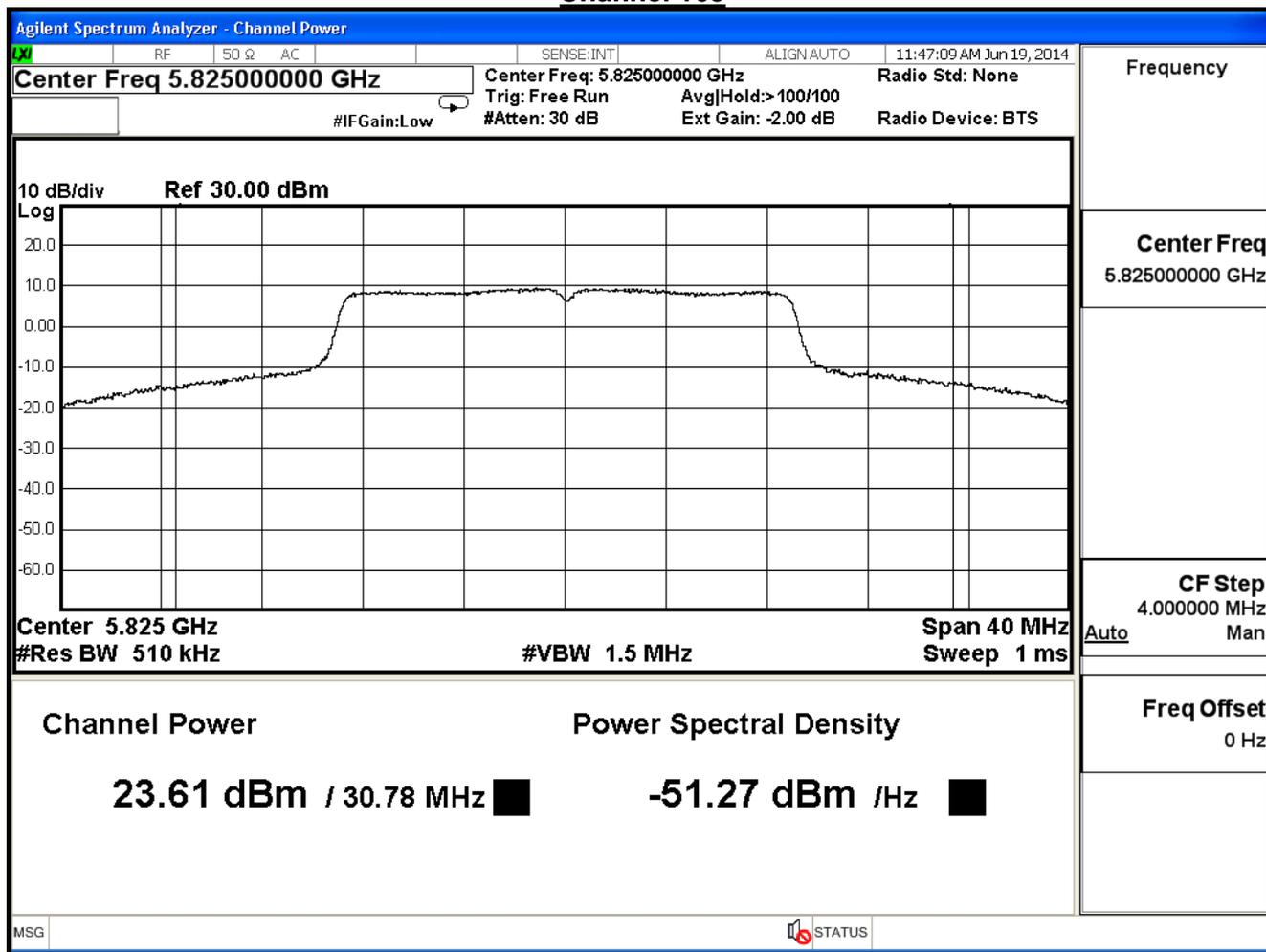
## Channel 149



**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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	28.425	≤ 30	Pass
157	5785	28.468	≤ 30	Pass
165	5825	28.338	≤ 30	Pass

The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13.0	19.5	26.0	39.0	52.0	58.5	65.0	
149	5745	28.42	--	--	--	--	--	--	--	30dBm
157	5785	28.47	28.30	28.11	27.94	27.76	27.60	27.34	27.14	30dBm
165	5825	28.34	--	--	--	--	--	--	--	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	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 0) , power index: ch.151:89 , ch:159:100

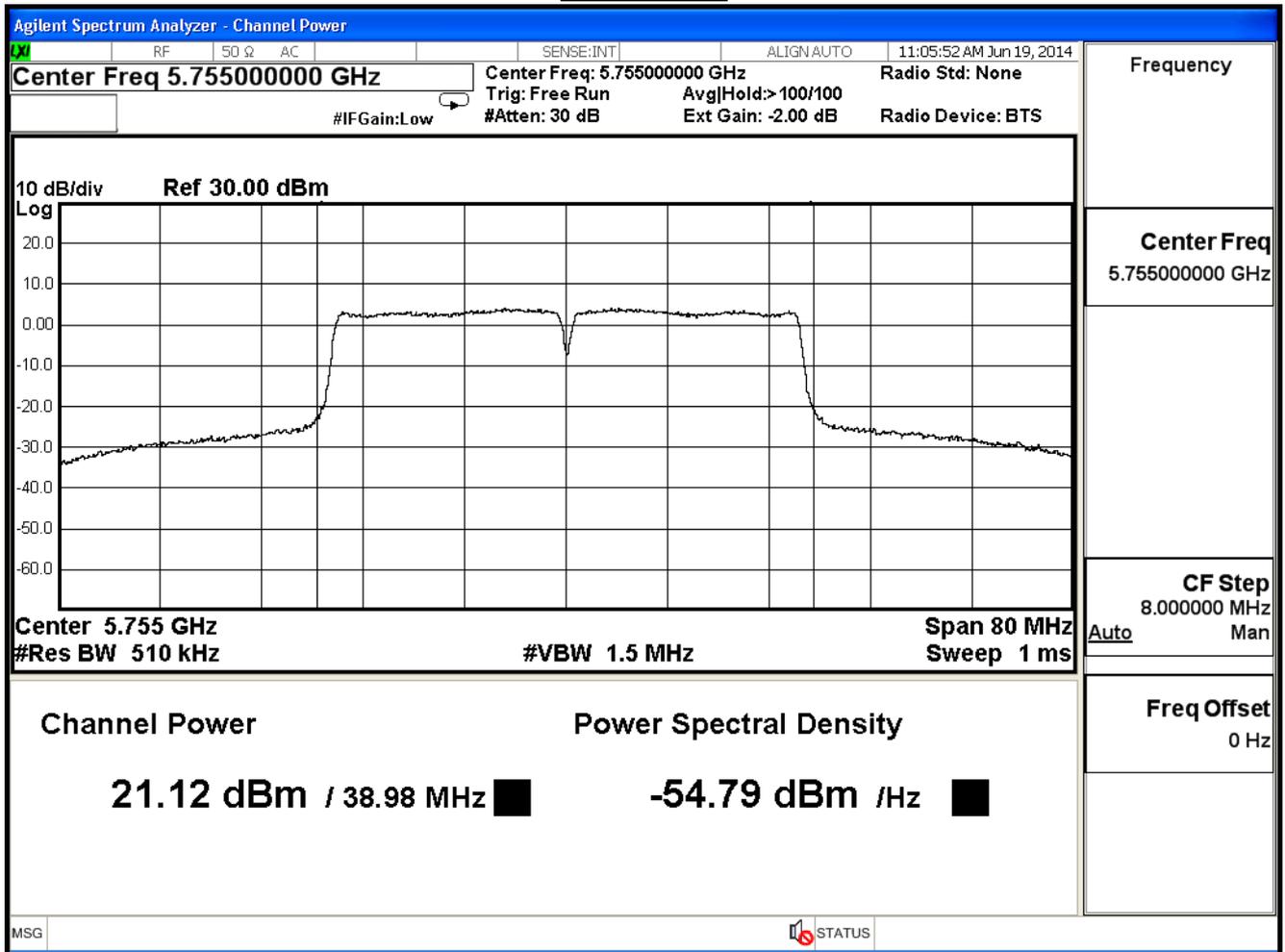
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.120	≤ 30	Pass
159	5795	23.840	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

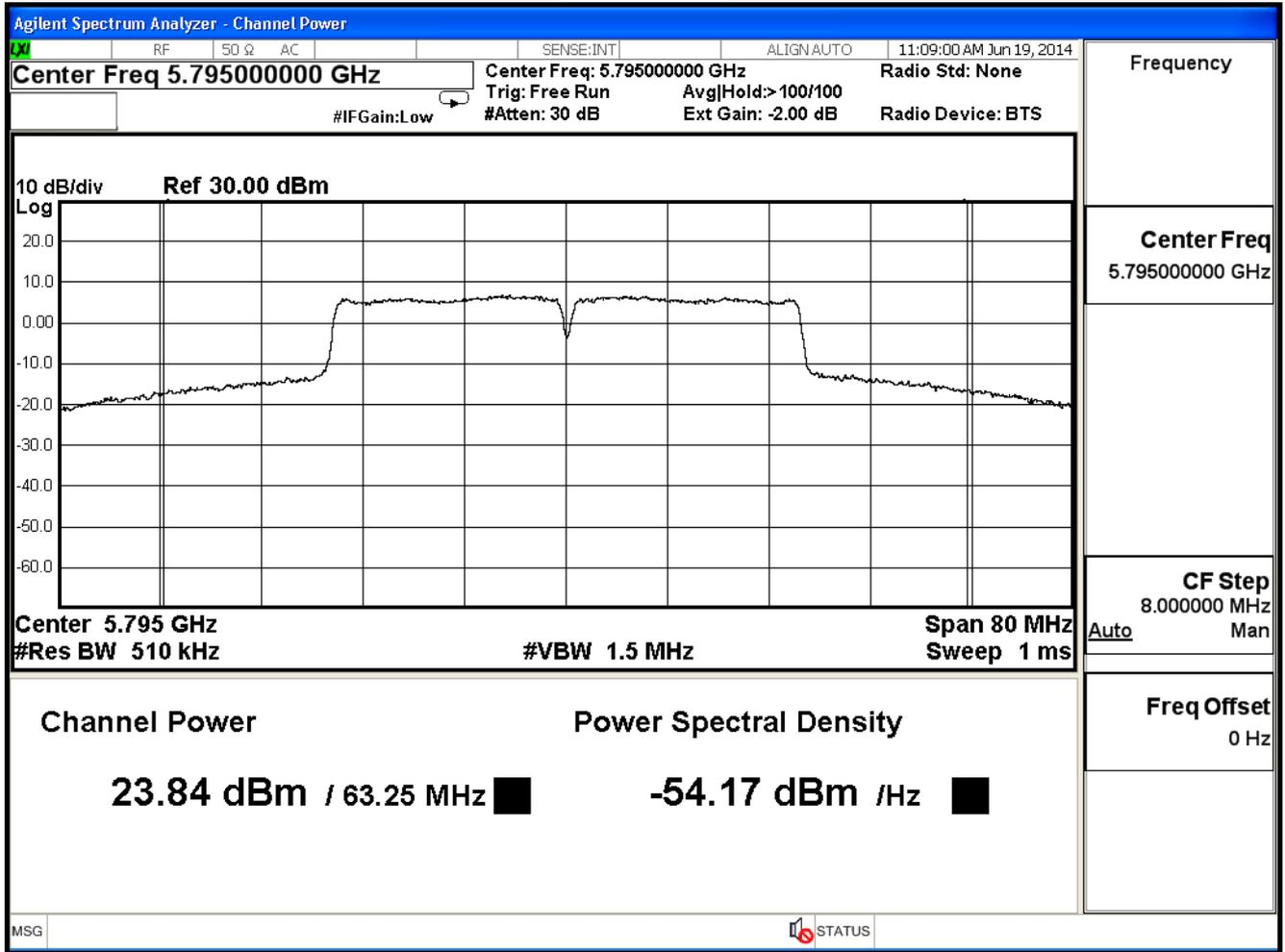
Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
151	5755	21.12	--	--	--	--	--	--	--	30dBm
159	5795	23.84	23.74	23.64	23.44	23.24	23.00	22.76	22.52	30dBm

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	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 1) , power index: ch.151:89 , ch:159:100

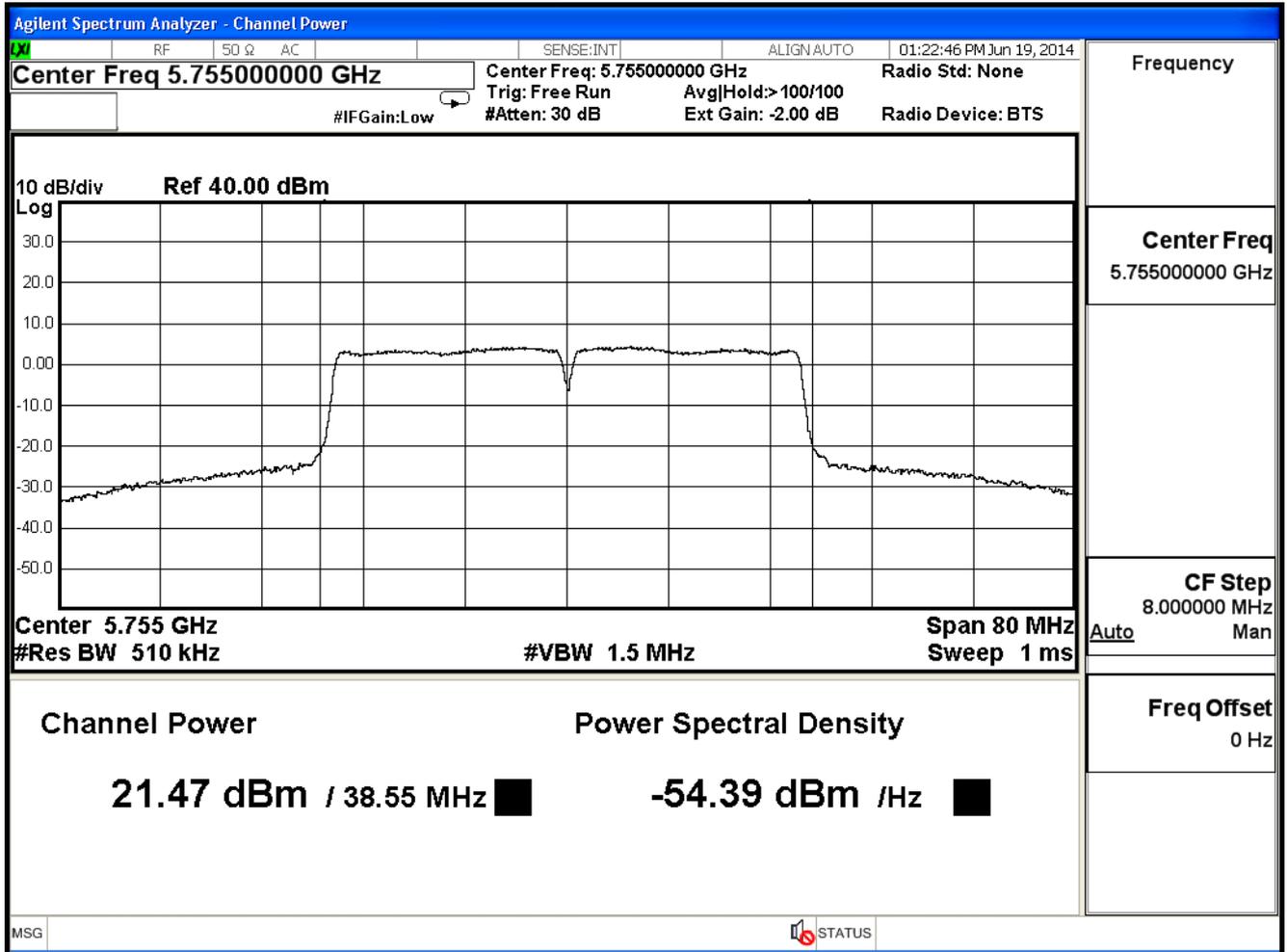
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.470	≤ 30	Pass
159	5795	23.840	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

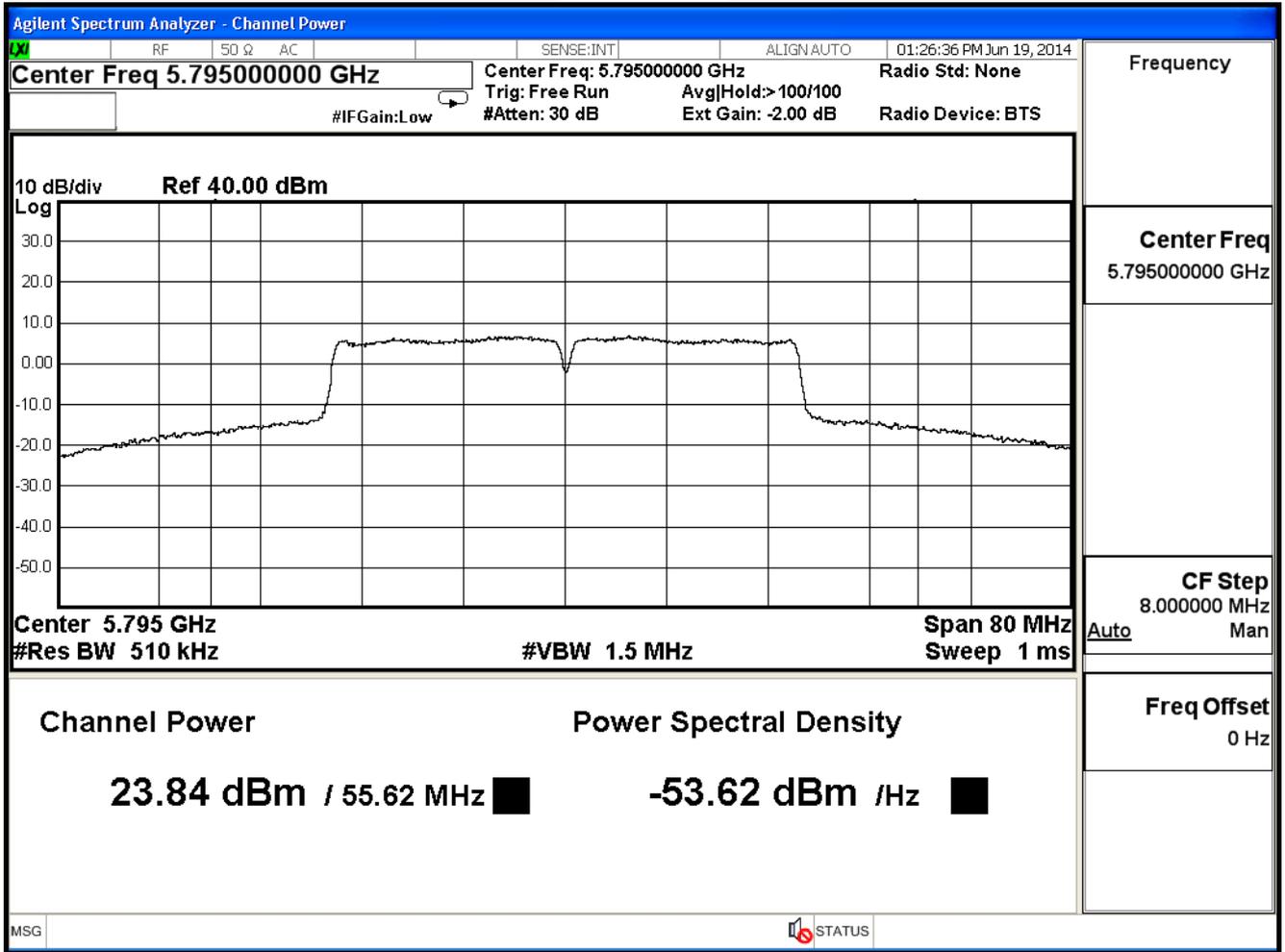
		Peak Power Output (dBm)								Required Limit
MCS Index		0	1	2	3	4	5	6	7	
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
151	5755	21.47	--	--	--	--	--	--	--	30dBm
159	5795	23.84	23.64	23.54	23.44	23.34	23.10	22.98	22.74	30dBm

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	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 2) , power index: ch.151:89 , ch:159:100

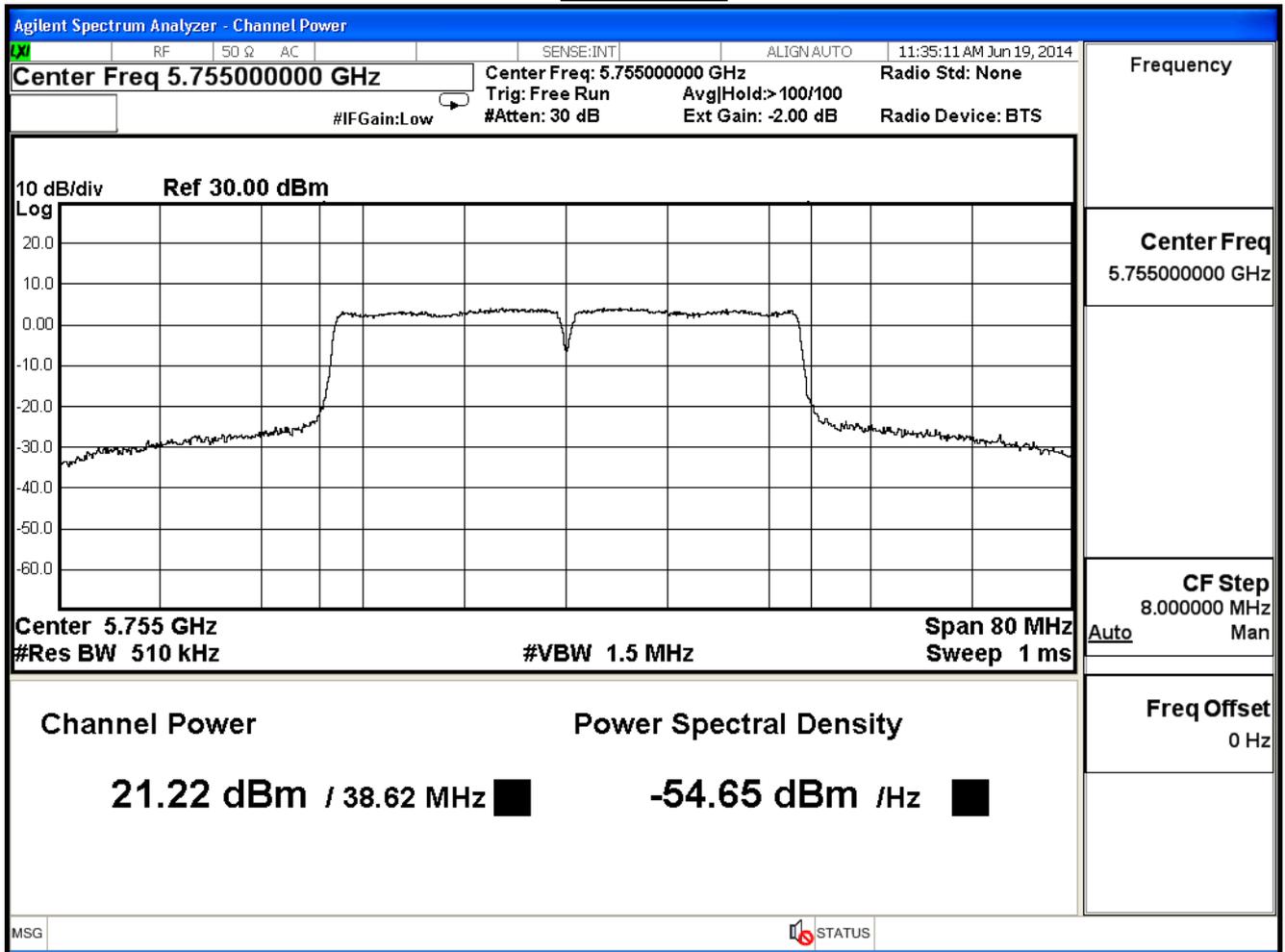
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.220	≤ 30	Pass
159	5795	23.980	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

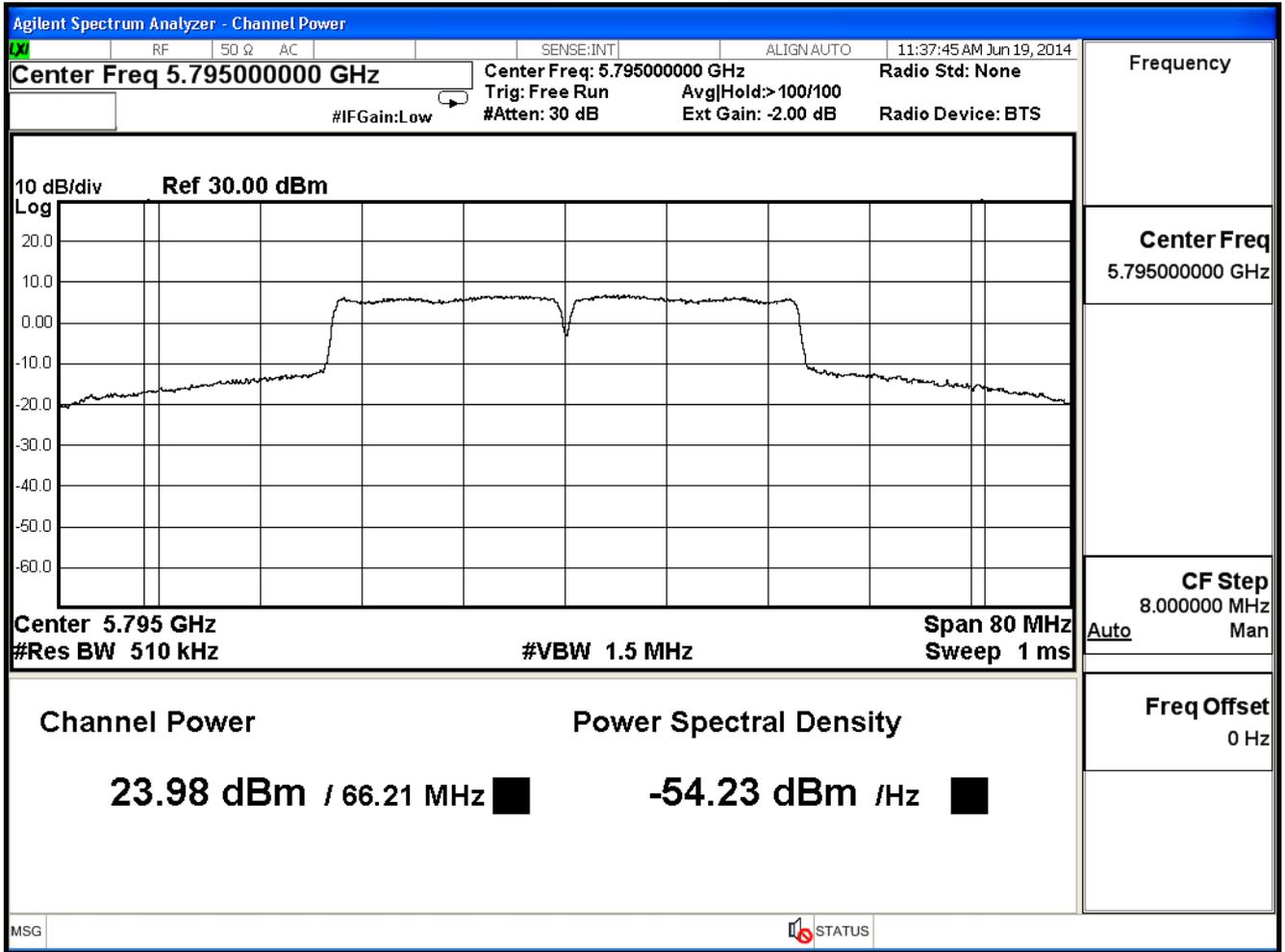
		Peak Power Output (dBm)								Required Limit
MCS Index		0	1	2	3	4	5	6	7	
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
151	5755	21.22	--	--	--	--	--	--	--	30dBm
159	5795	23.98	23.78	23.68	23.48	23.38	23.14	23.02	22.90	30dBm

Note: Measure Level =Reading value + cable loss

Channel 151



**Channel 159**



Frequency

Center Freq  
5.795000000 GHz

CF Step  
8.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	26.044	≤ 30	Pass
159	5795	28.658	≤ 30	Pass

The worst emission of data rate is 13.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27.0	40.5	54.0	81.0	108.0	121.5	135.0	
151	5755	26.04	--	--	--	--	--	--	--	30dBm
159	5795	28.66	28.49	28.39	28.22	28.09	27.85	27.69	27.49	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	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0) , power index: ch155:86

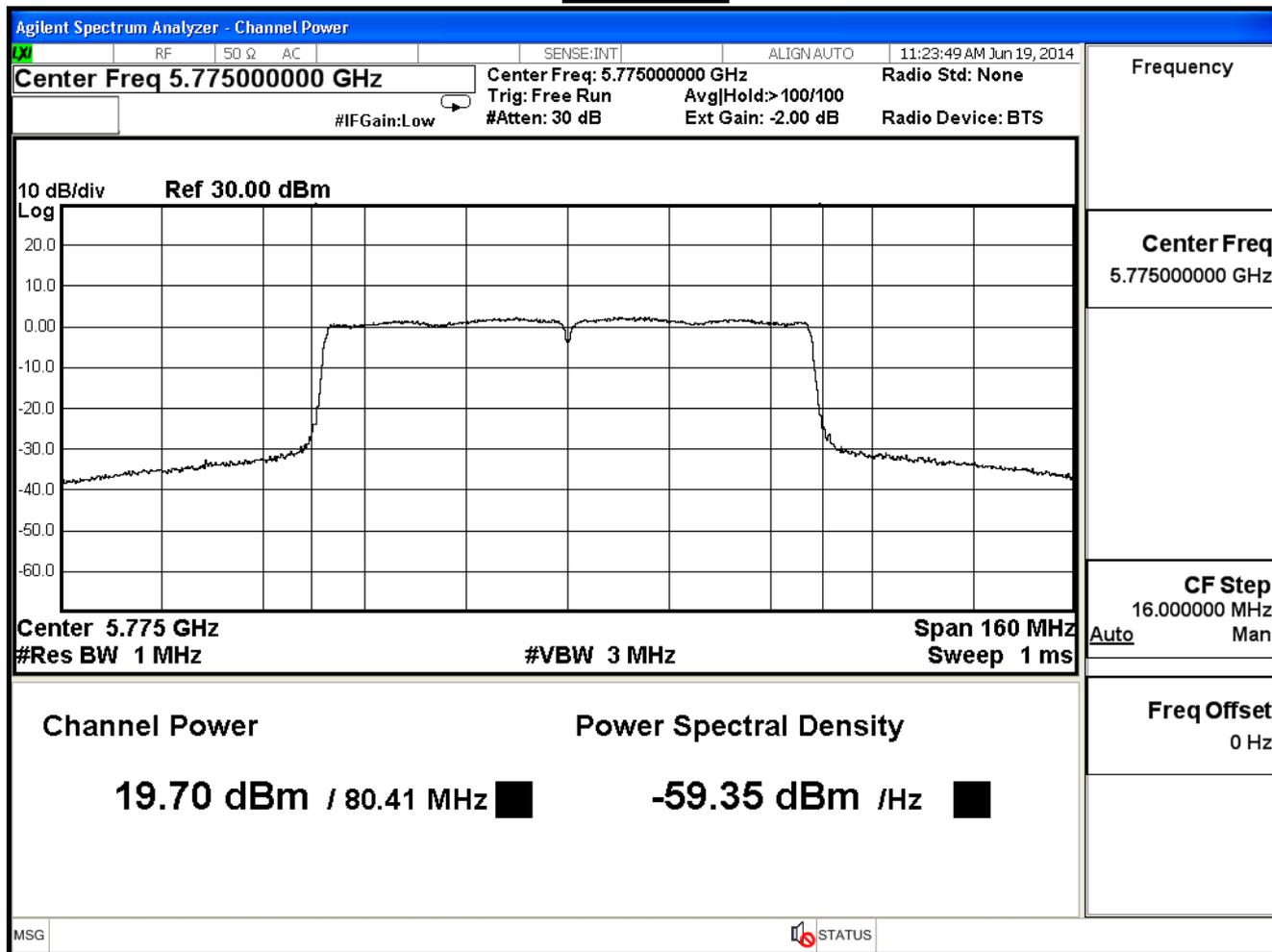
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	19.700	≤ 30	Pass

The worst emission of data rate is 29.3Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	19.70	19.60	19.50	19.30	19.10	19.00	18.88	18.64	18.40	18.16

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	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 1) , power index: ch155:86

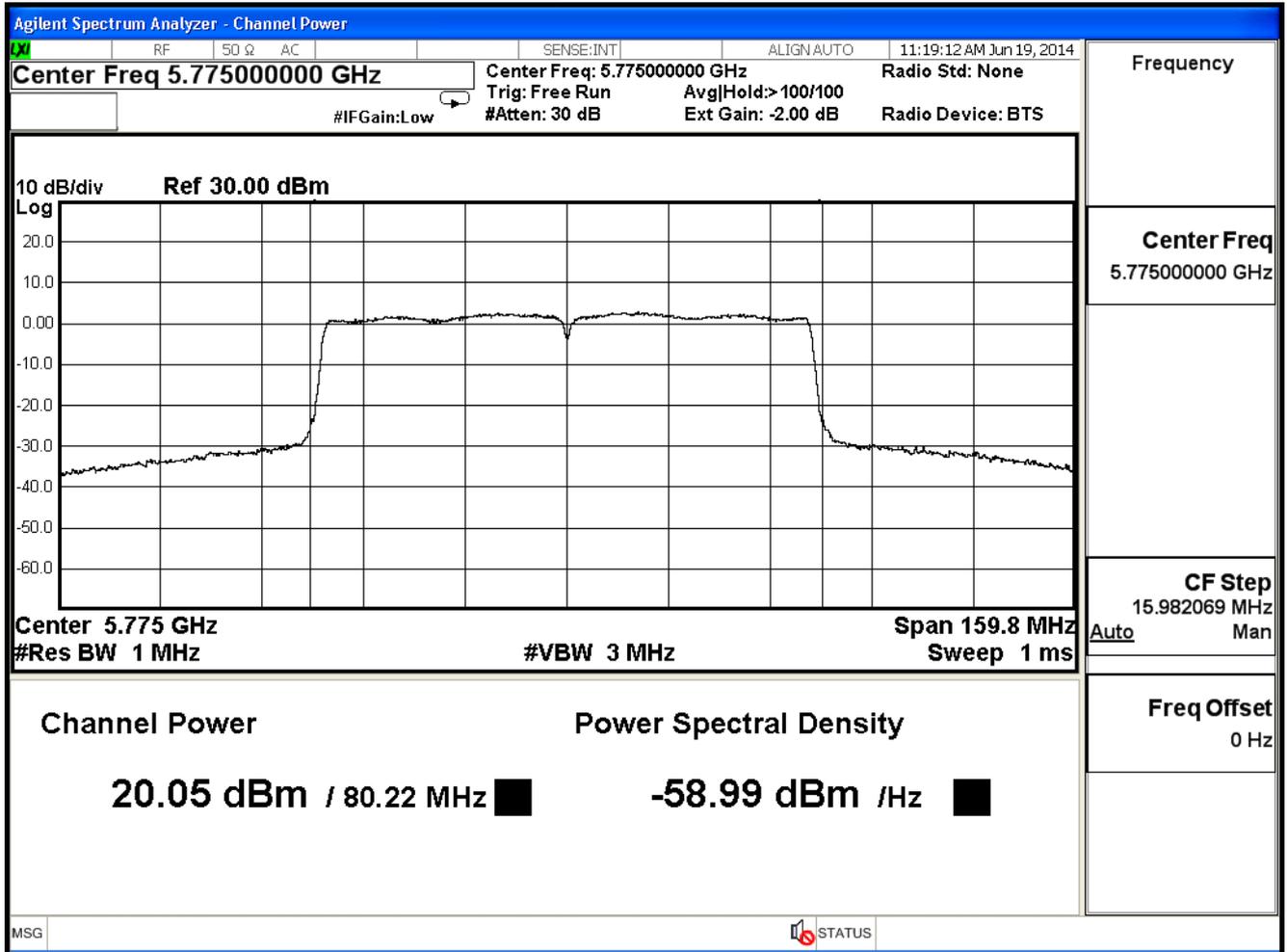
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.050	≤ 30	Pass

The worst emission of data rate is 29.3Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	20.05	19.85	19.65	19.55	19.45	19.35	19.11	18.87	18.63	18.39

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	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 2) , power index: ch155:86

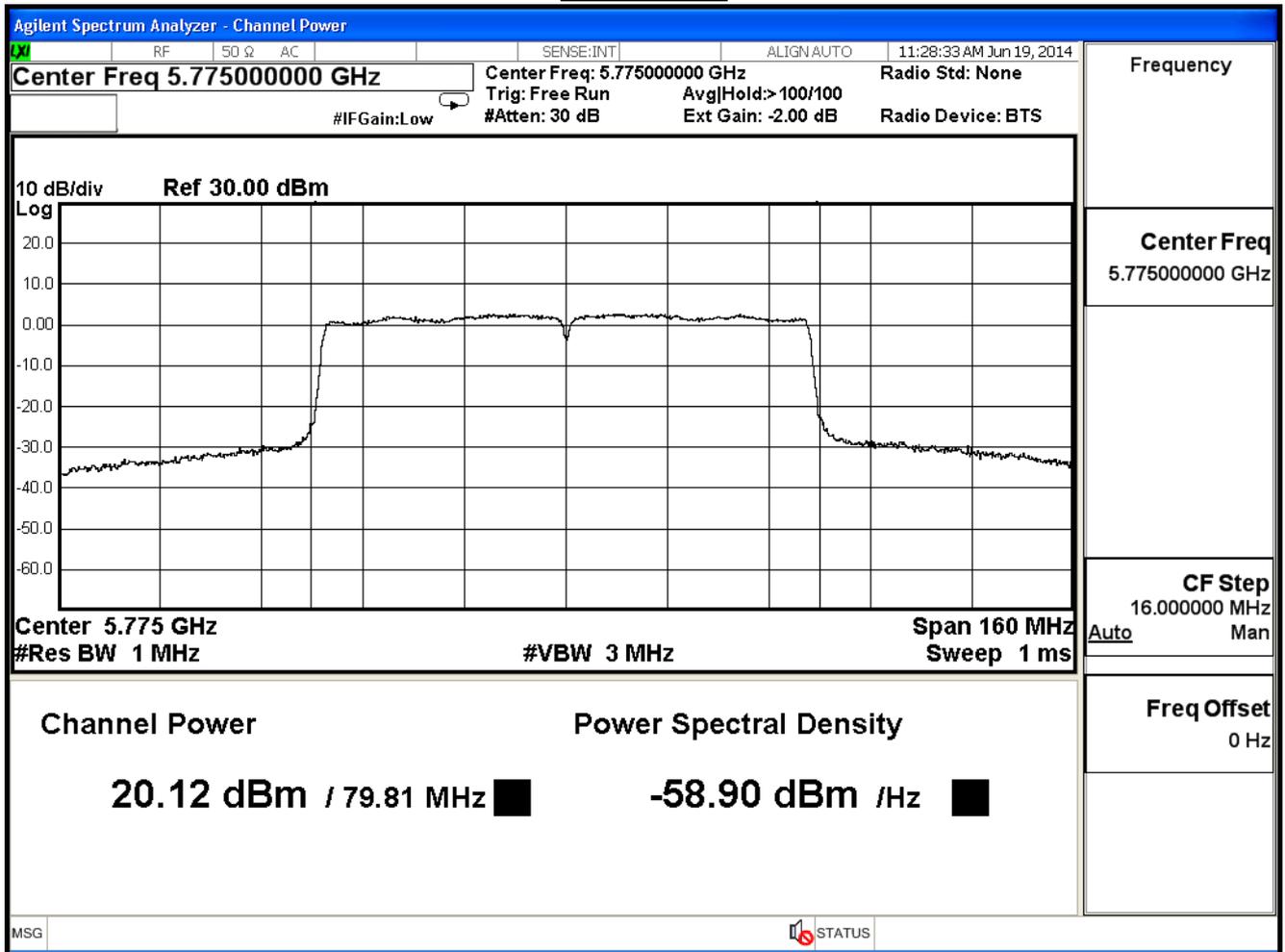
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.120	≤30	Pass

The worst emission of data rate is 29.3Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	20.12	20.02	19.92	19.72	19.52	19.42	19.30	19.18	19.06	18.82

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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	24.732	≤30	Pass

The worst emission of data rate is 29.3Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	24.73	24.60	24.46	24.30	24.13	24.03	23.87	23.67	23.48	23.24

Note: Measure Level =Reading value + cable loss

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 5: Transmit (SISO 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	≤ 30	Pass
6	2437	22.77	≤ 30	Pass
11	2462	21.89	≤ 30	Pass

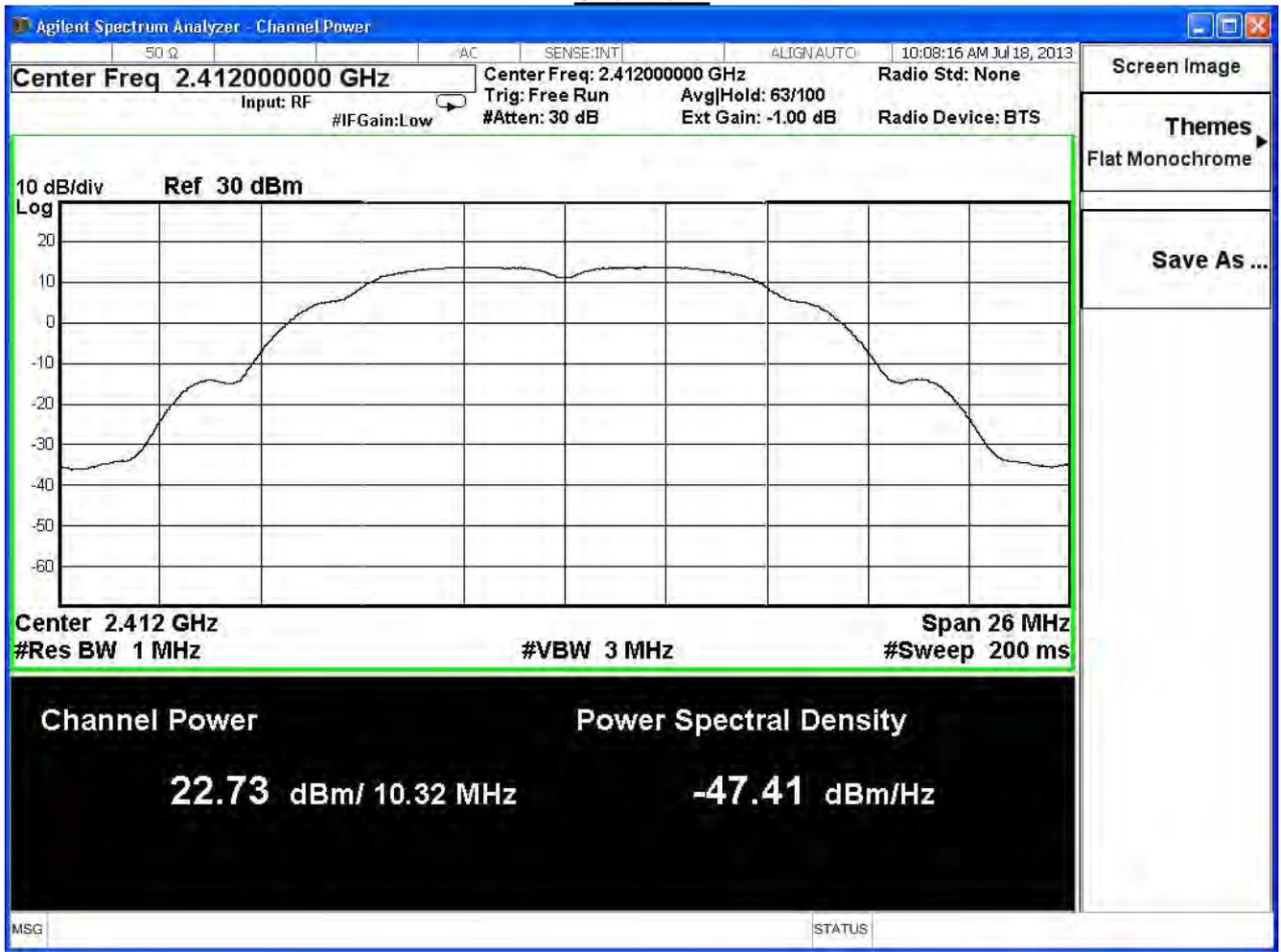
The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	22.73	--	--	--	30dBm
6	2437	22.77	22.57	22.33	22.22	30dBm
11	2462	21.89	--	--	--	30dBm

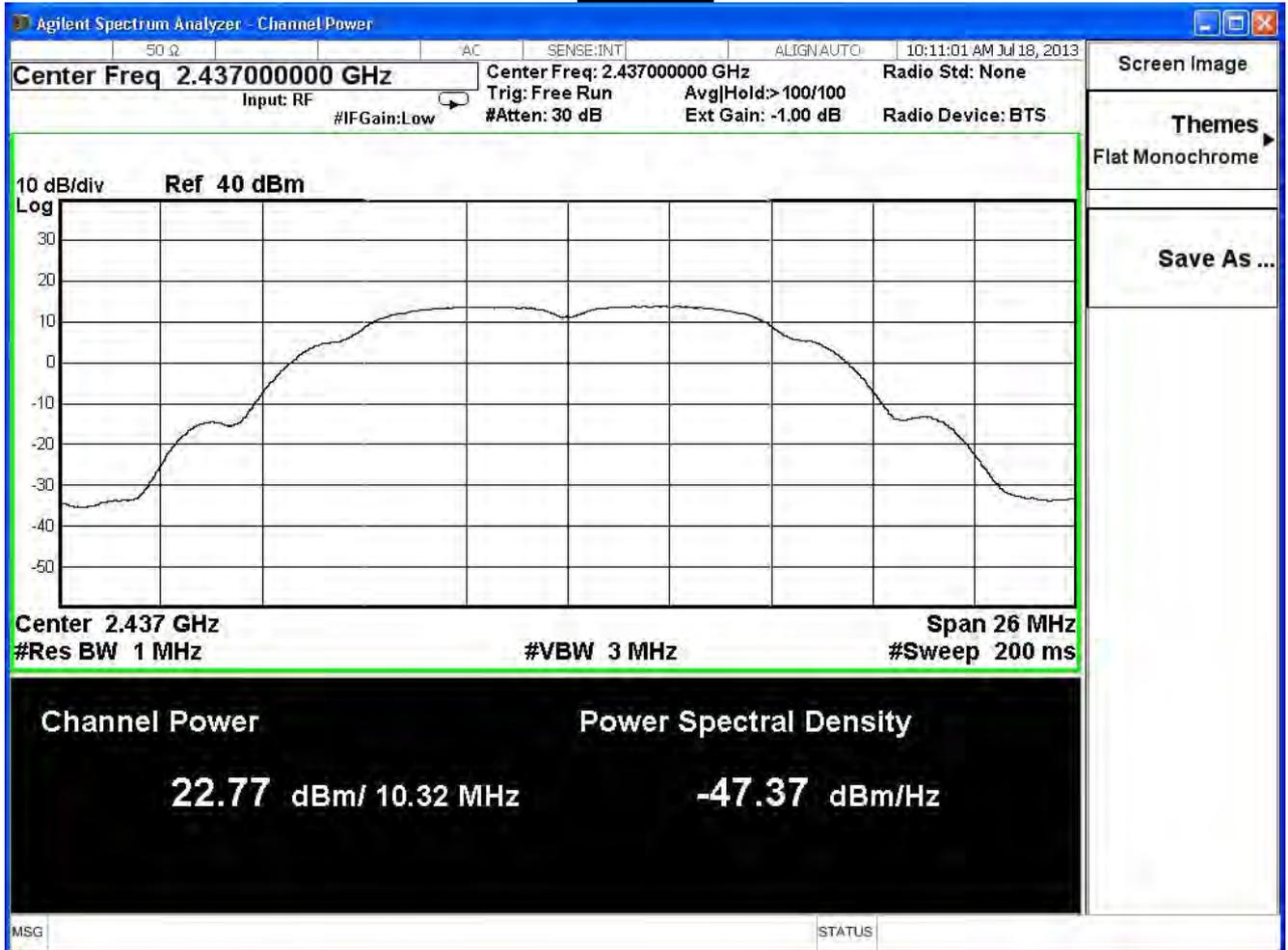
Note:

Measure Level =Reading value + cable loss

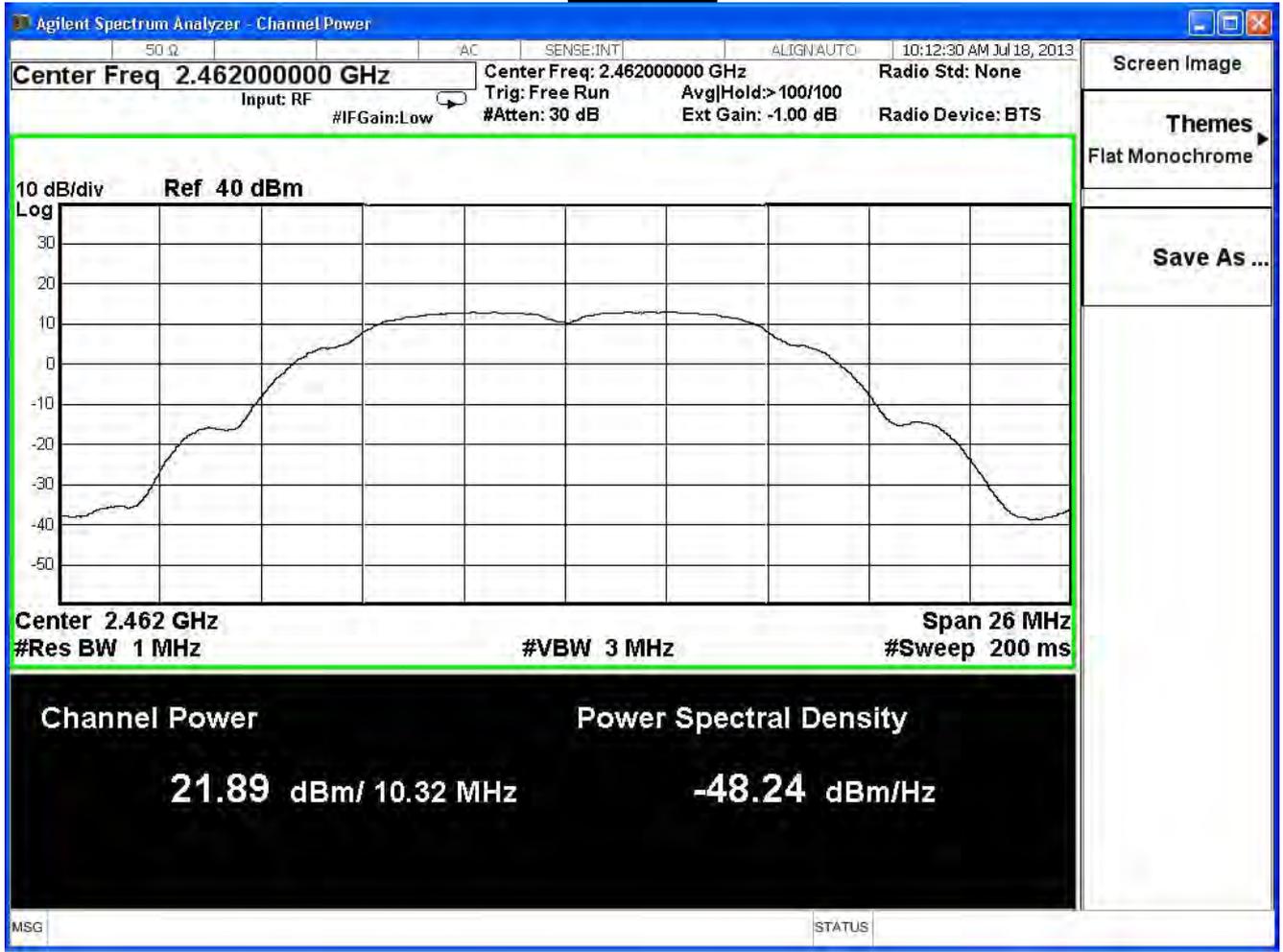
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 5: Transmit (SISO 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	≤ 30	Pass
6	2437	25.02	≤ 30	Pass
11	2462	18.35	≤ 30	Pass

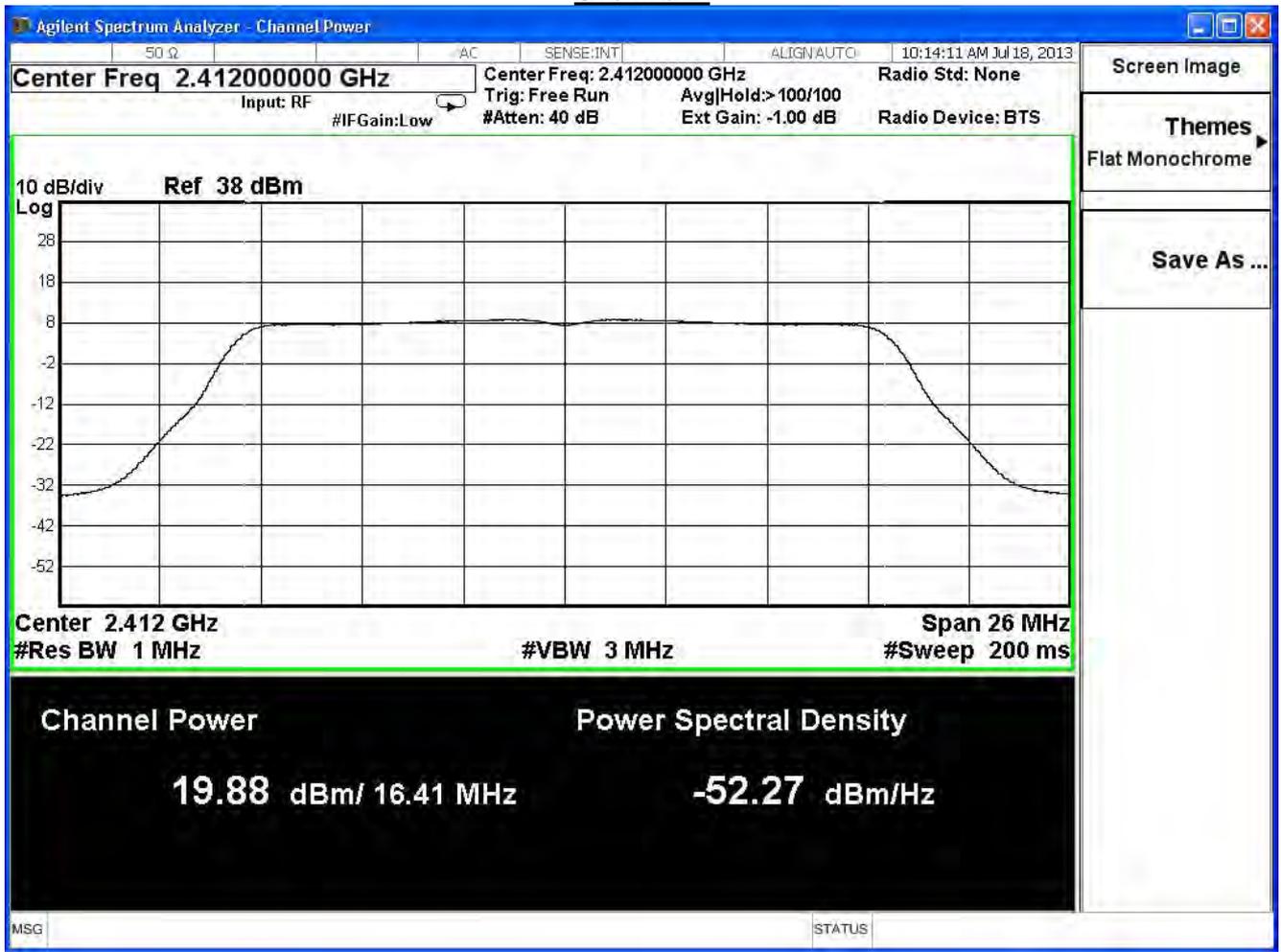
The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	19.88	--	--	--	--	--	--	30 dBm
6	2437	25.02	24.82	24.71	24.58	24.46	24.35	24.23	30 dBm
11	2462	18.35	--	--	--	--	--	--	30 dBm

Note:

Measure Level =Reading value + cable loss

Channel 1



Channel 6





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

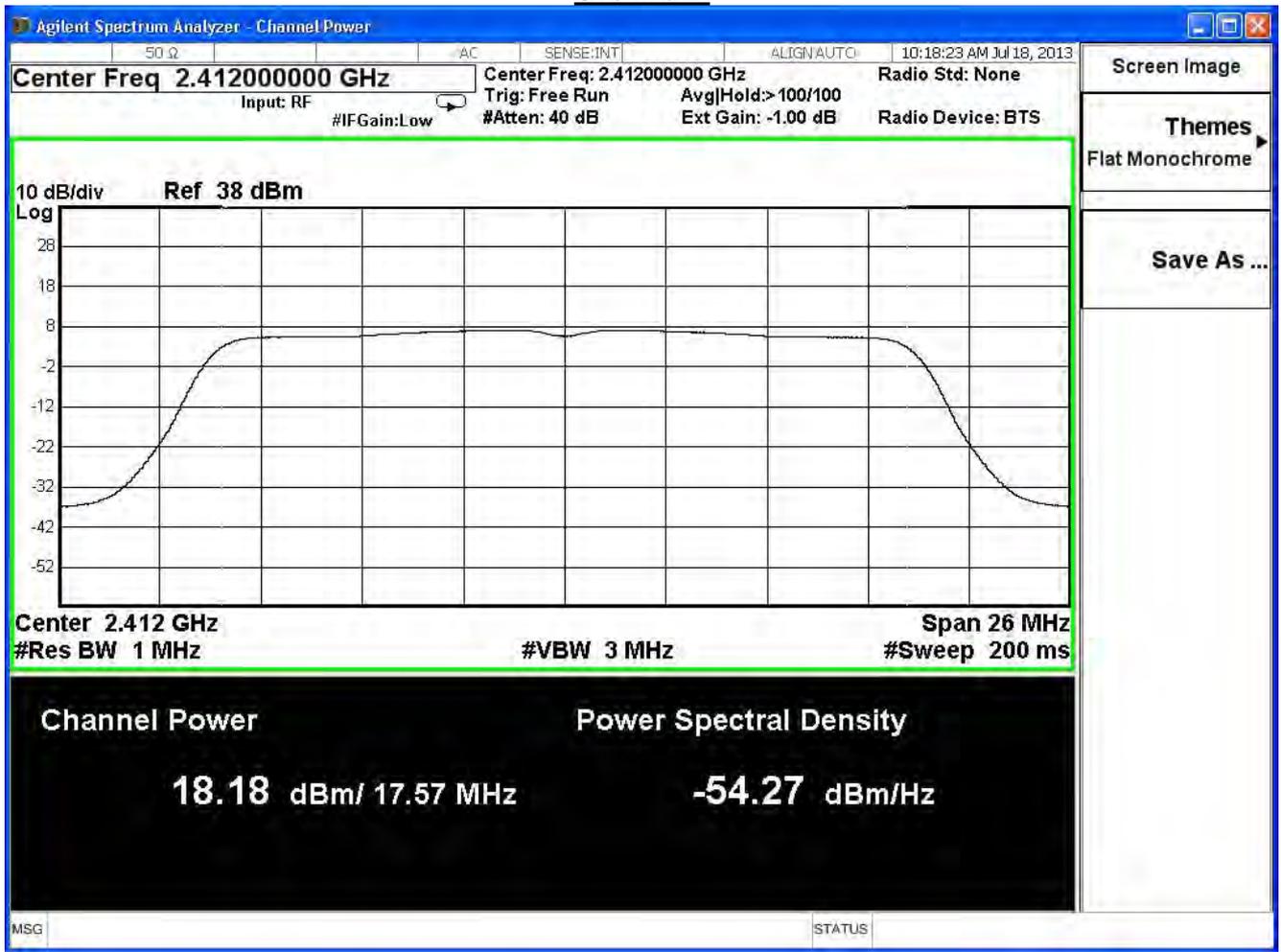
Note:

Measure Level =Reading value + cable loss

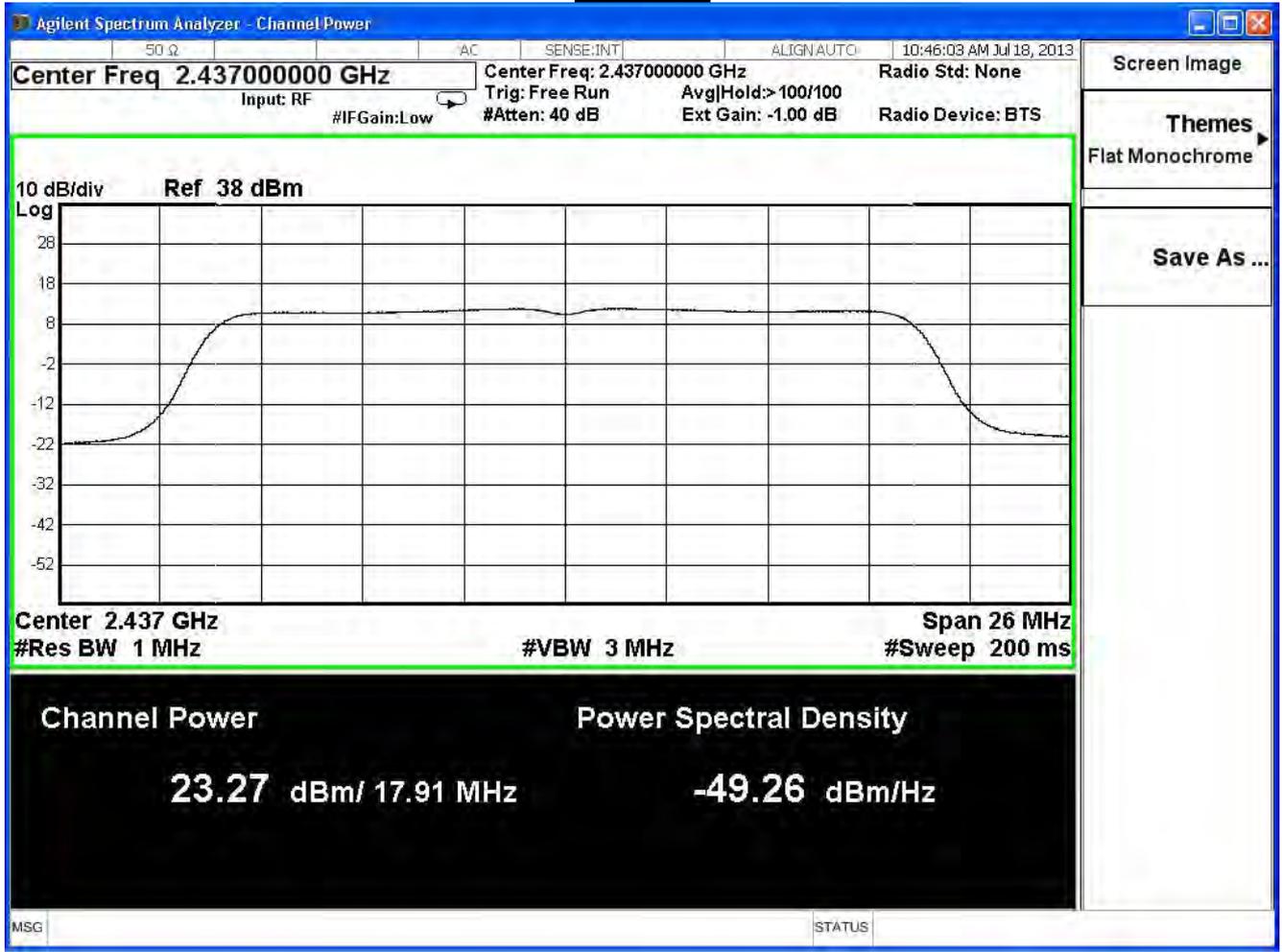
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

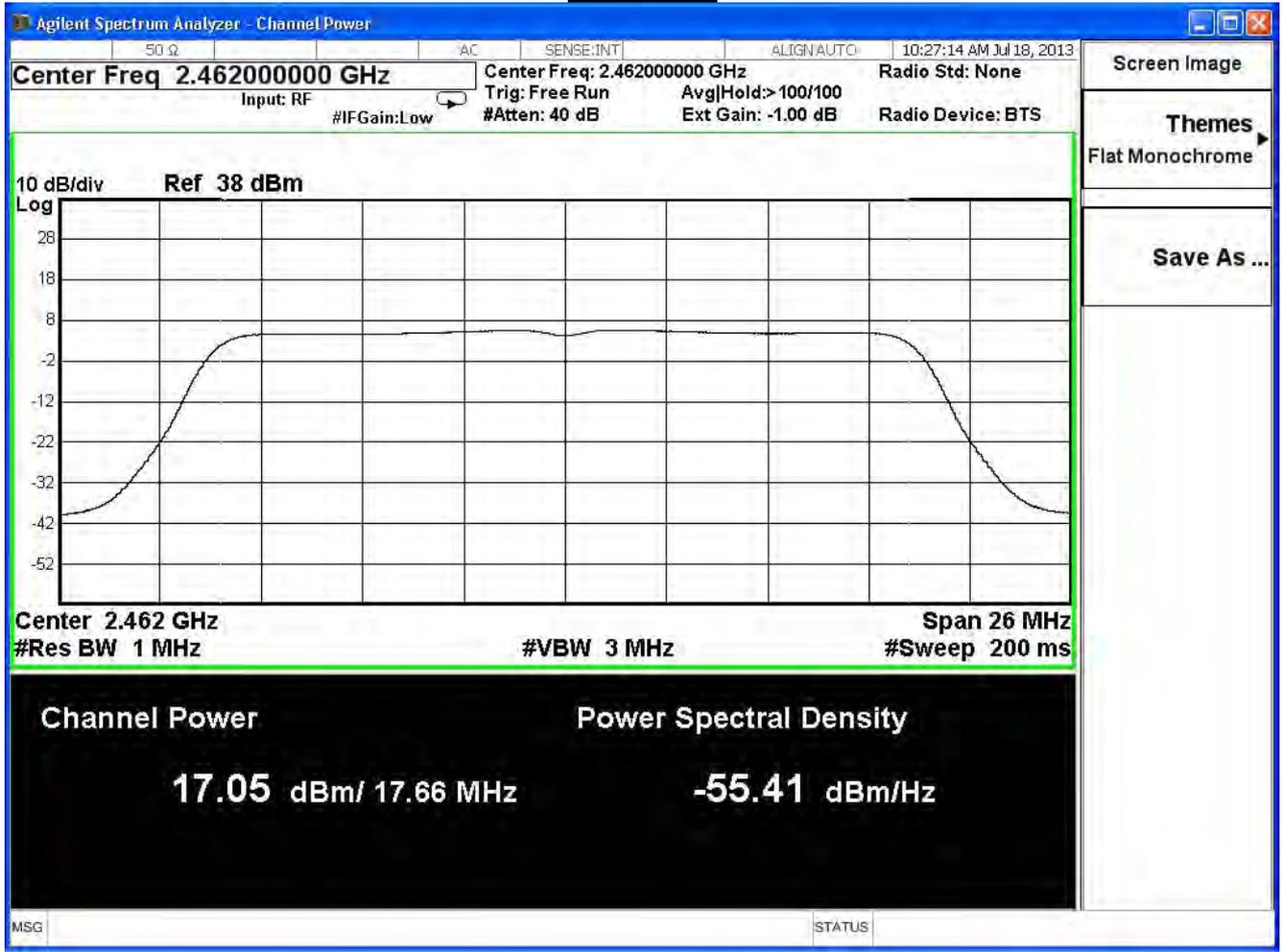
Channel 1



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

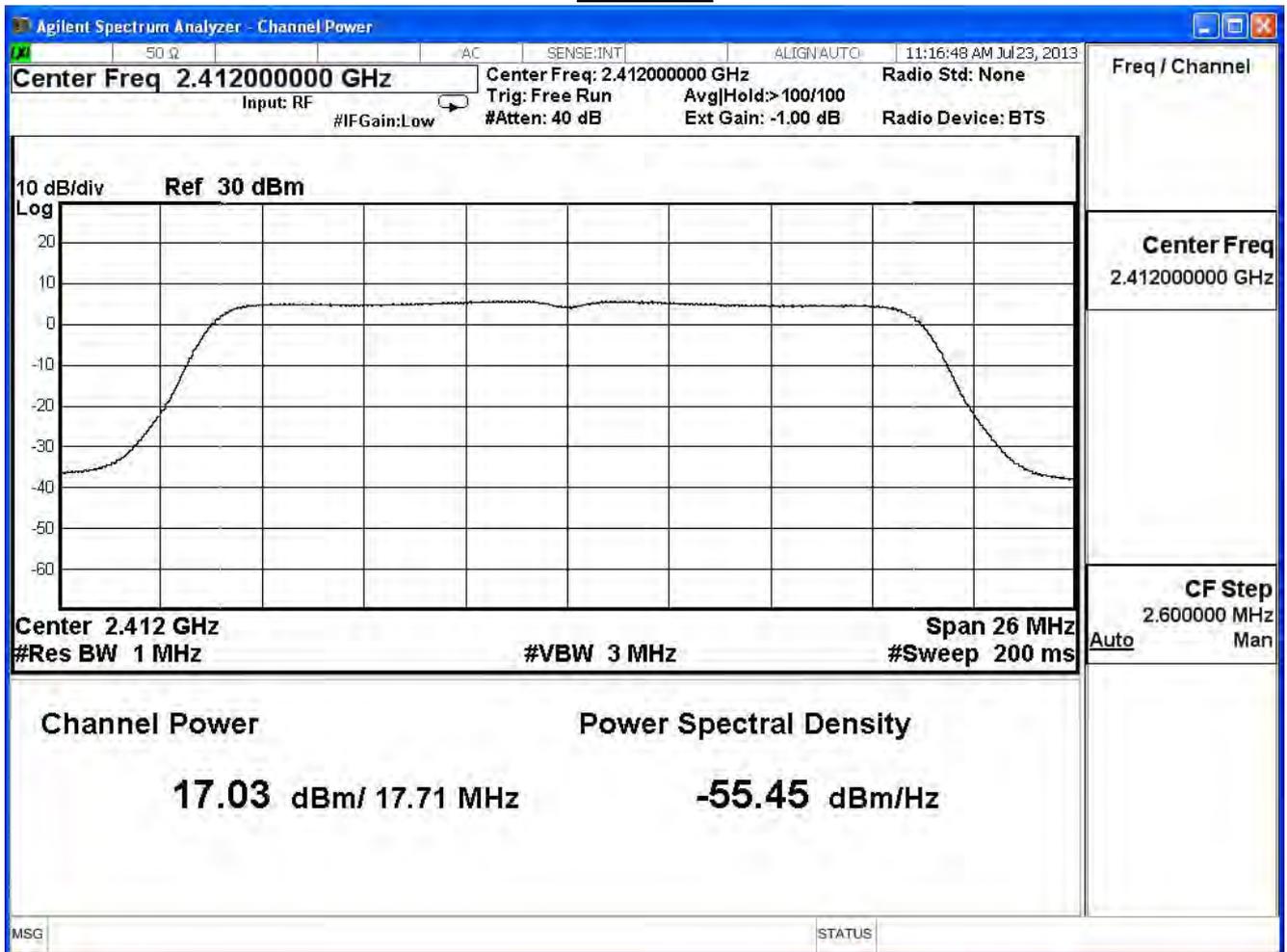
Note:

Measure Level =Reading value + cable loss

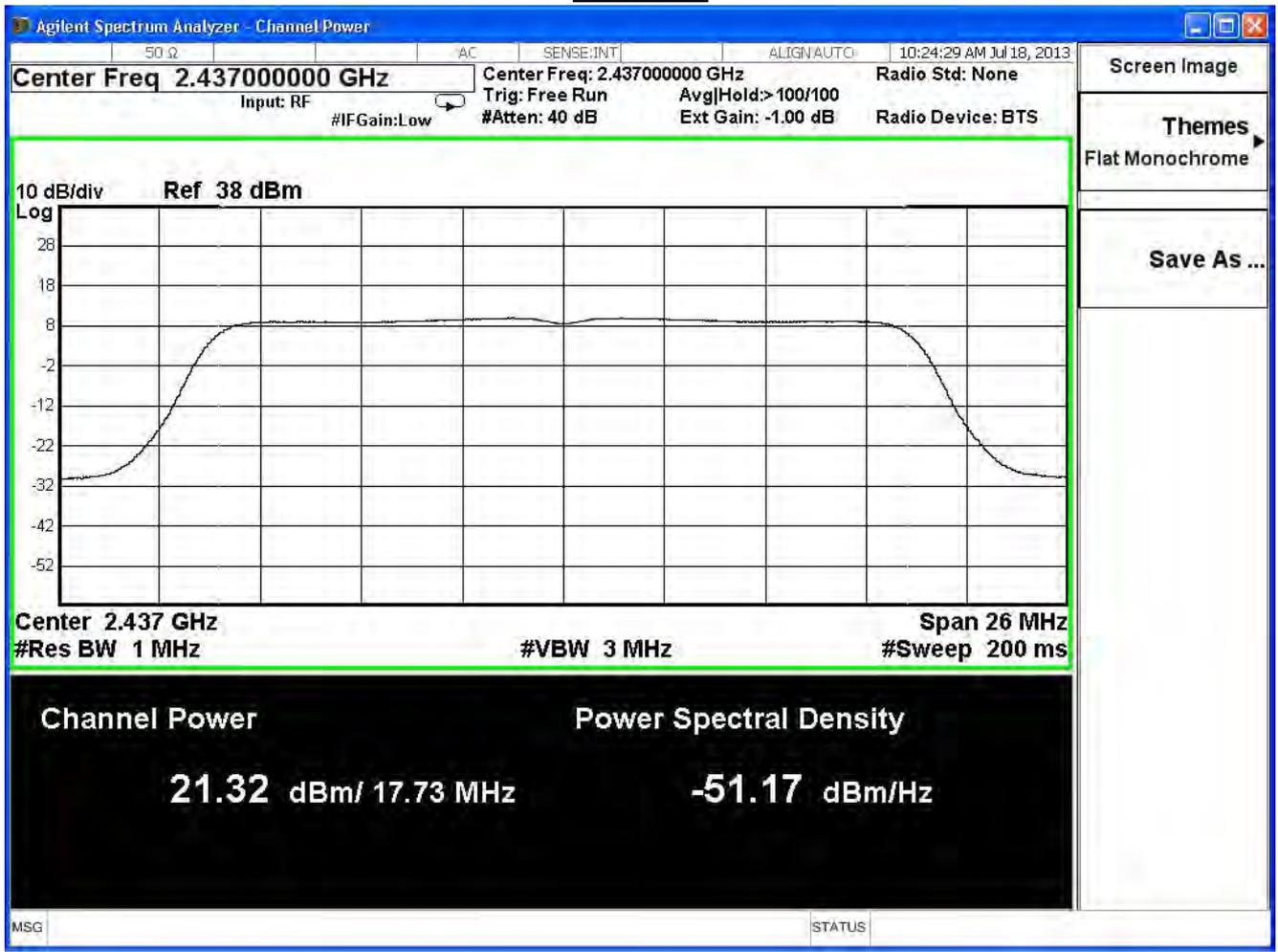
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

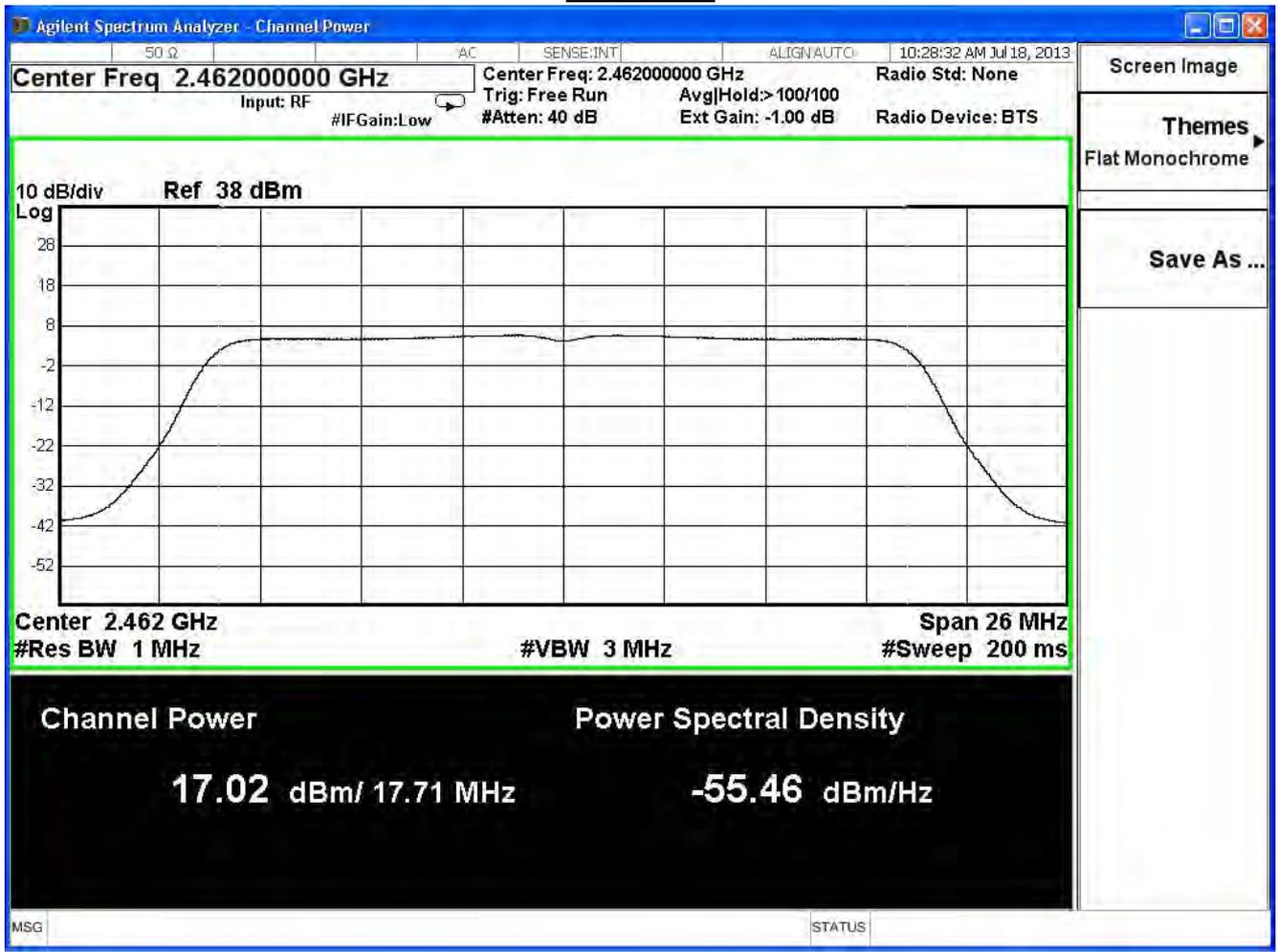
Channel 1



**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

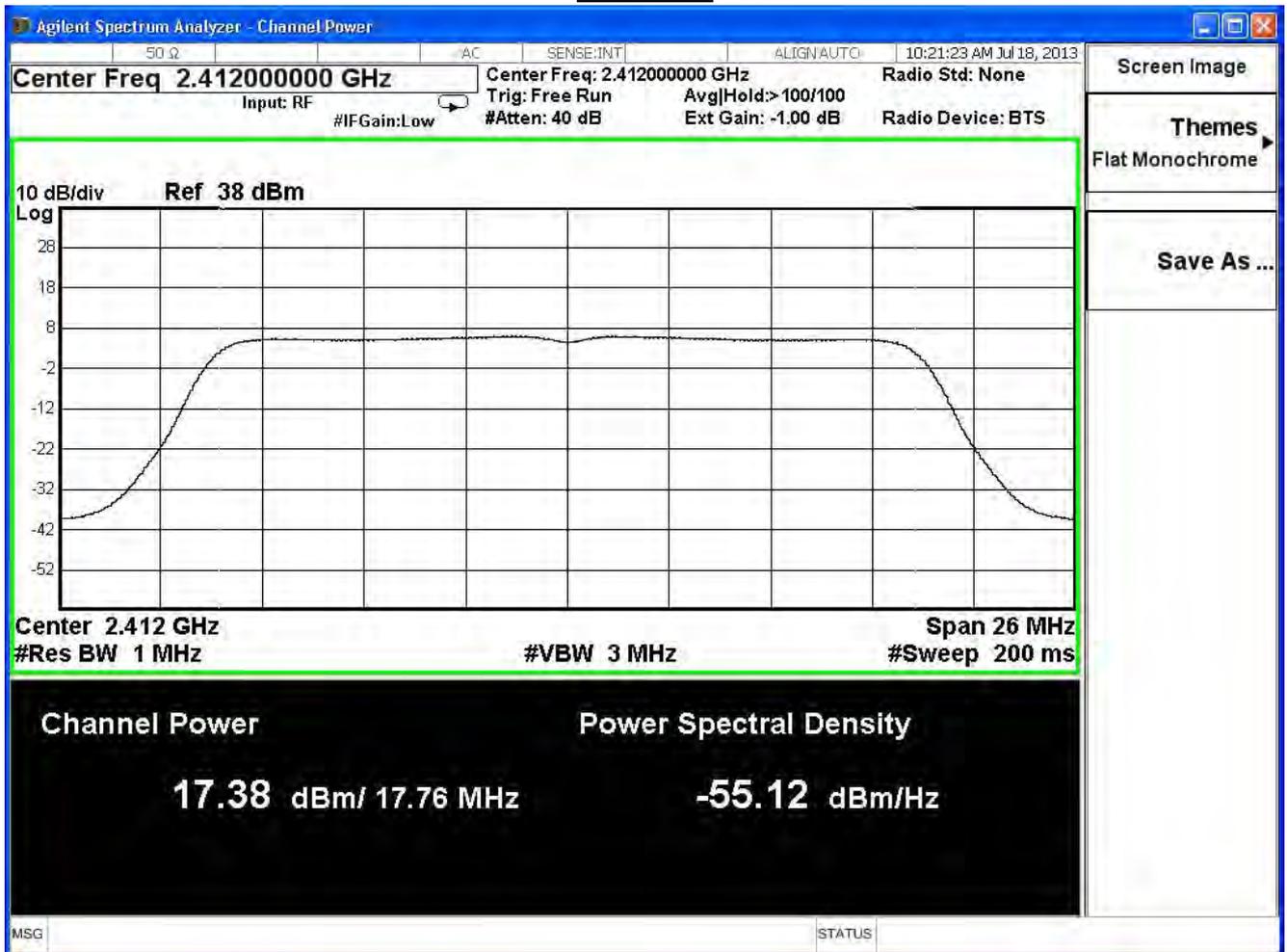
Note:

Measure Level =Reading value + cable loss

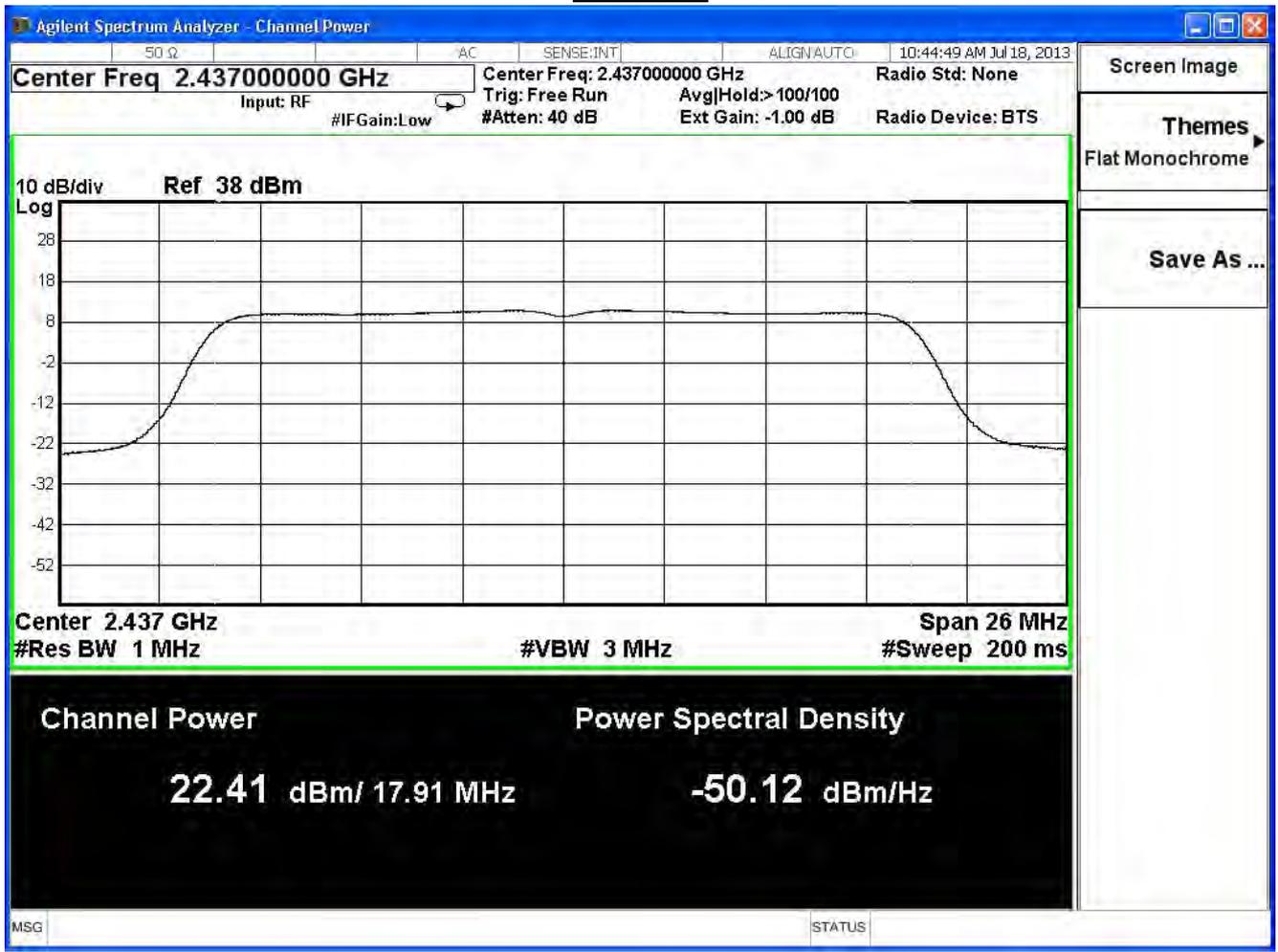
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

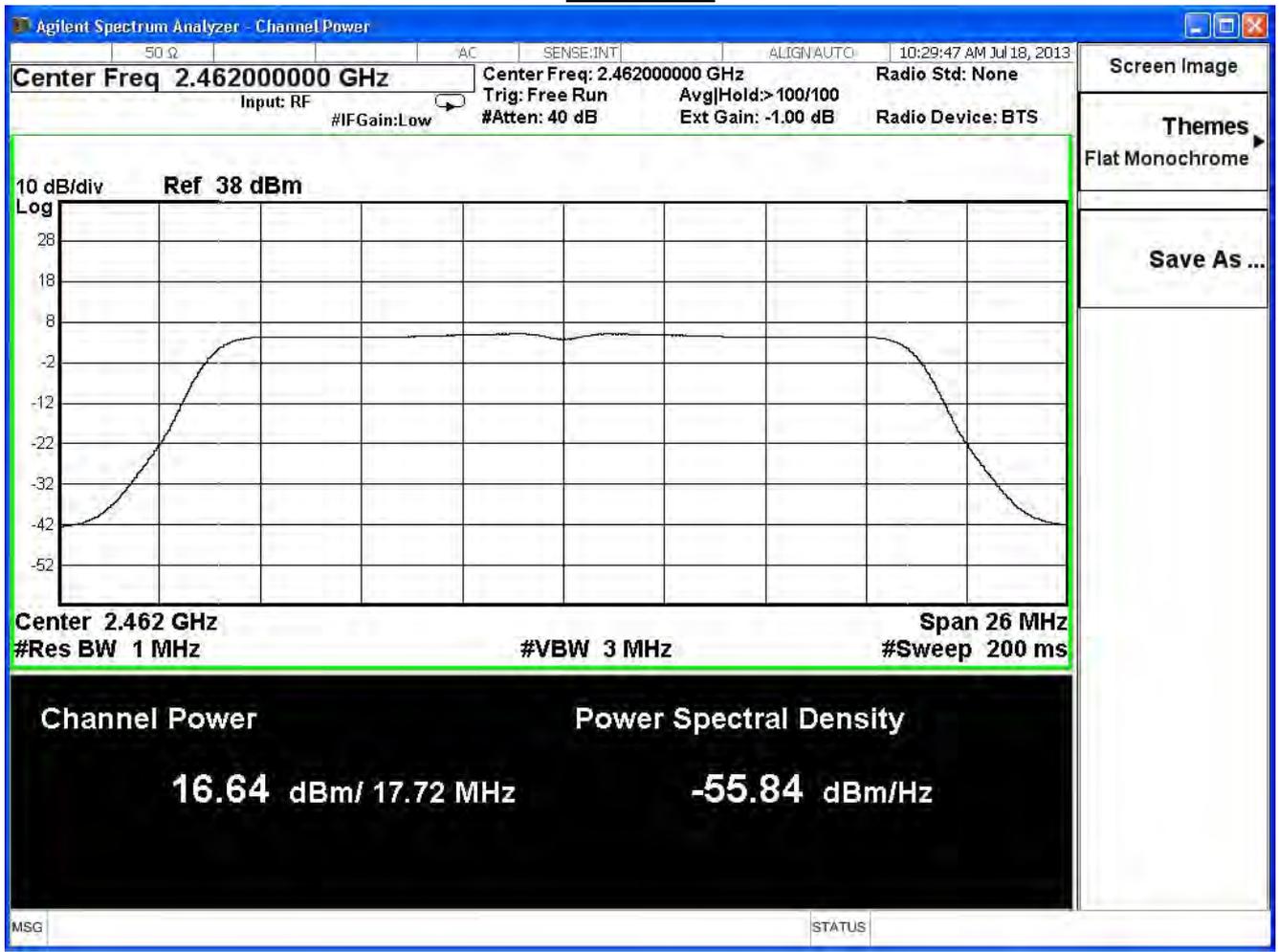
Channel 1



**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

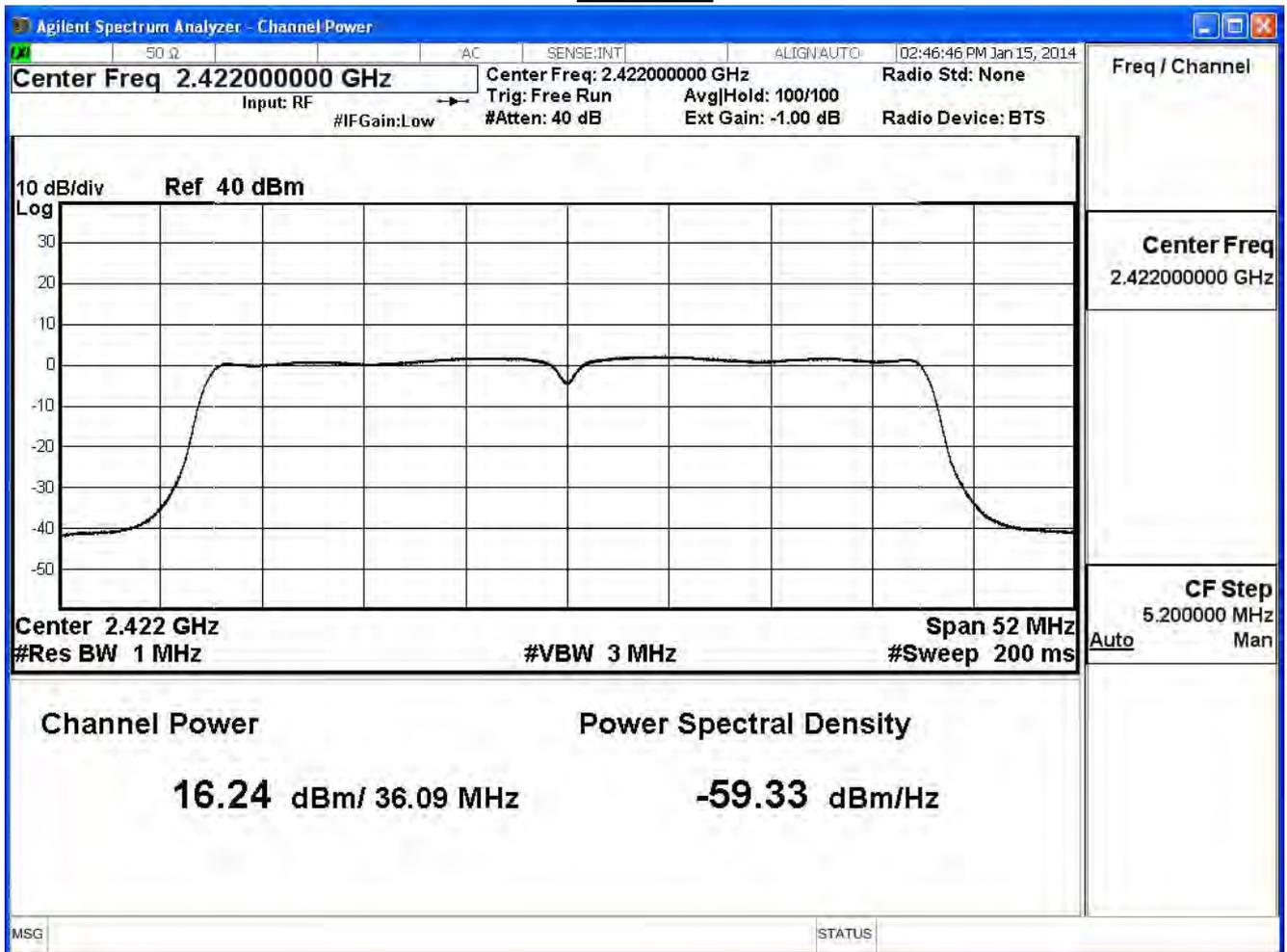
Note:

Measure Level =Reading value + cable loss

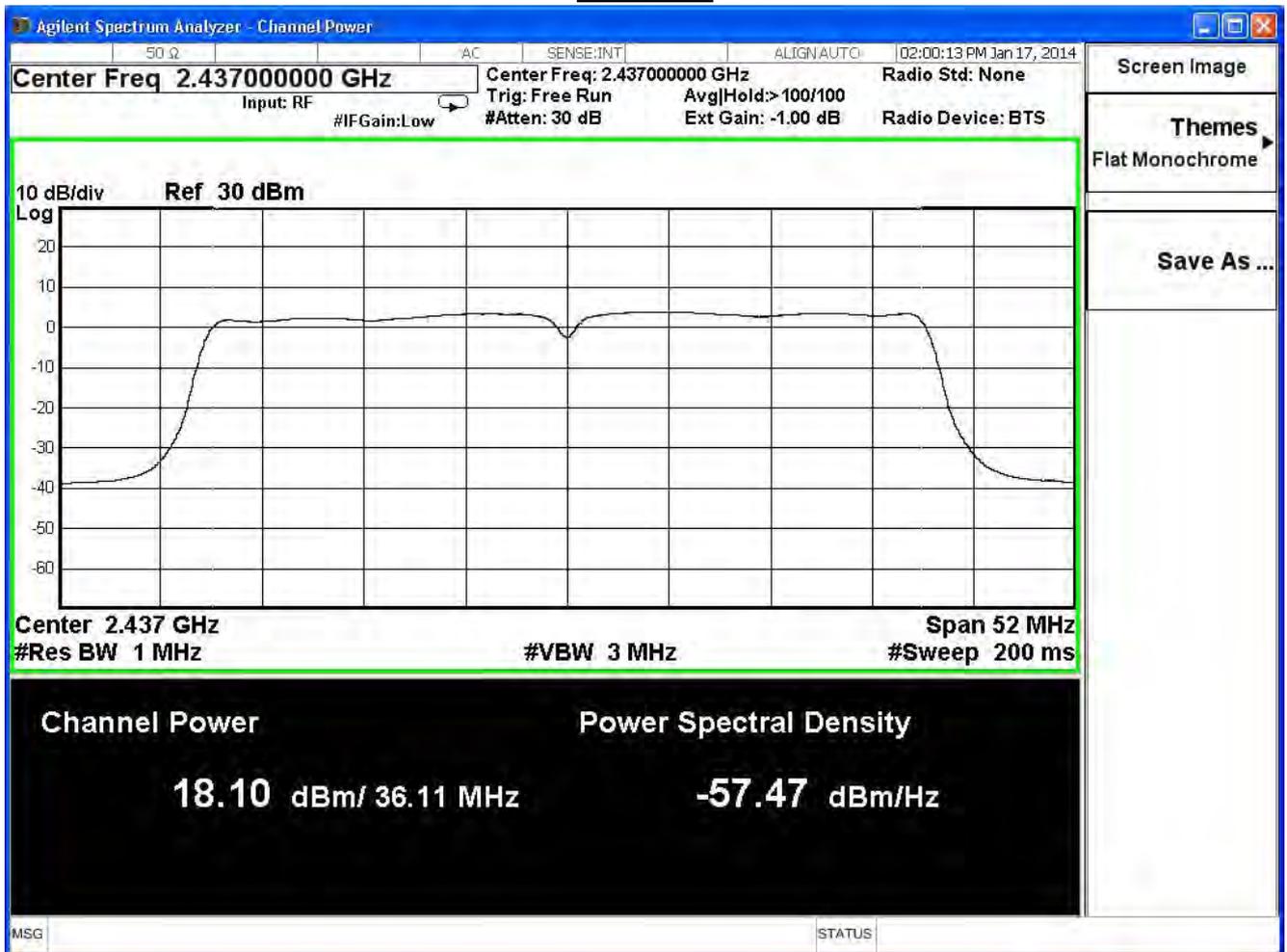
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

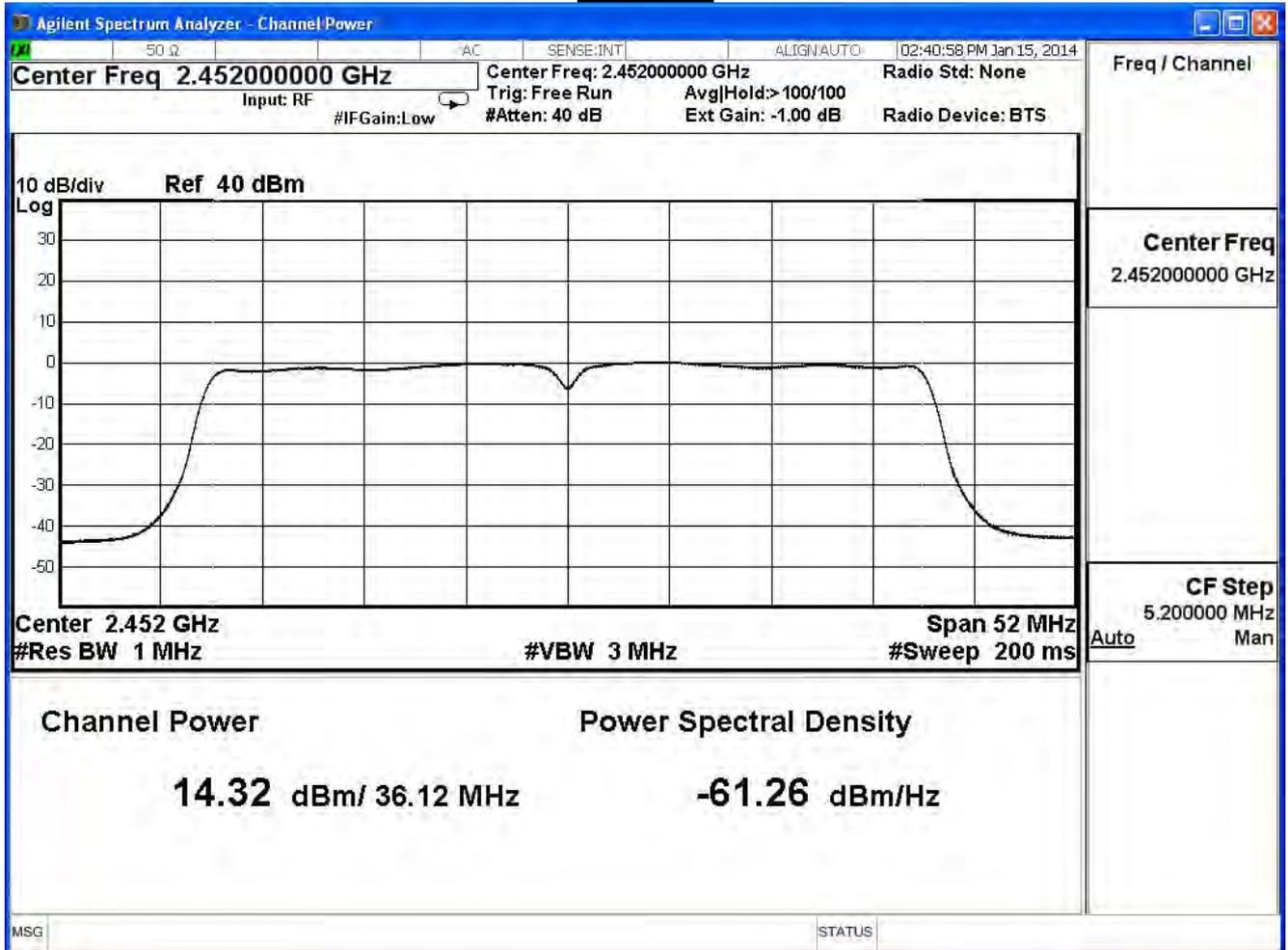
**Channel 3**



**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

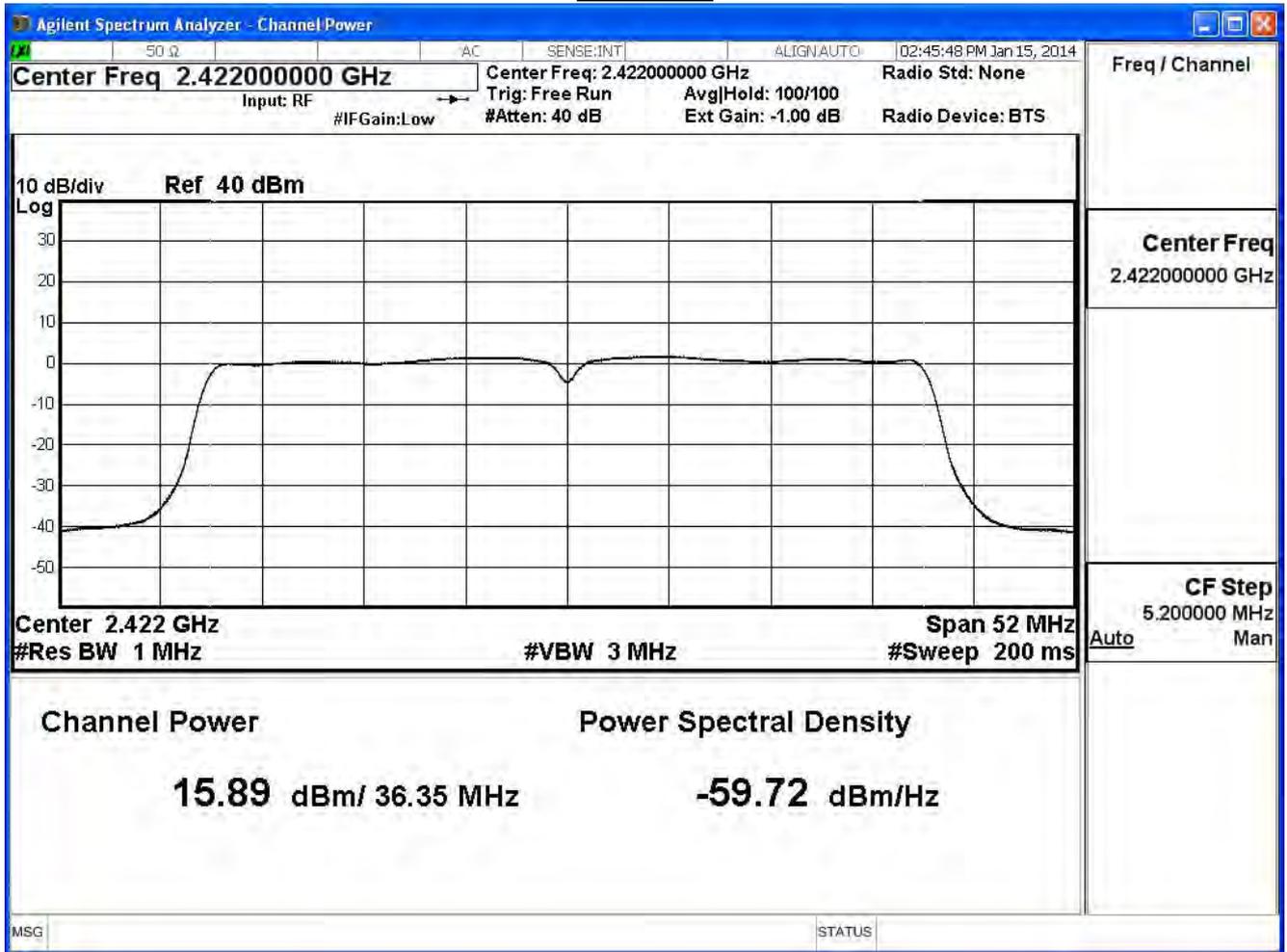
Note:

Measure Level =Reading value + cable loss

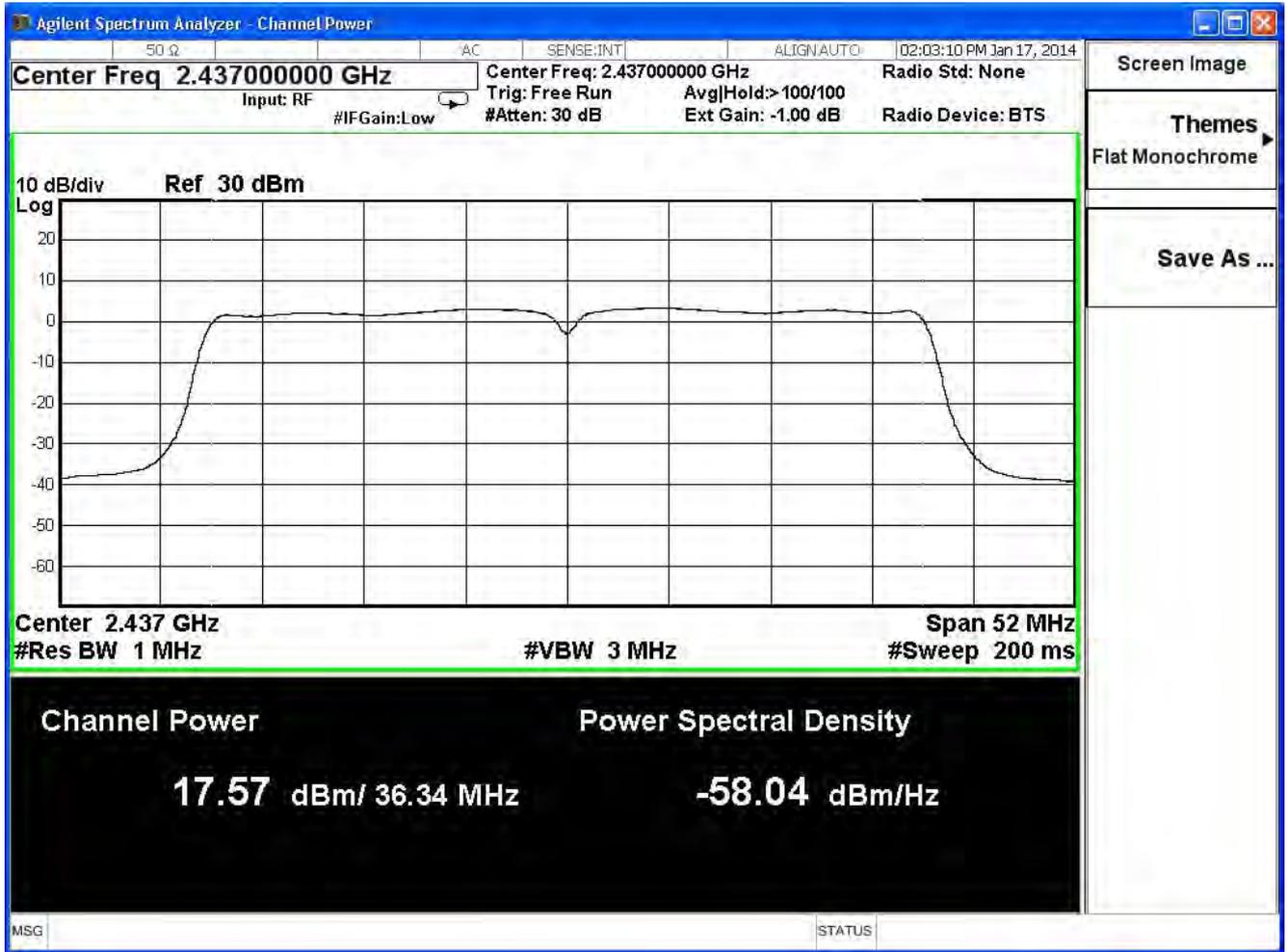
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

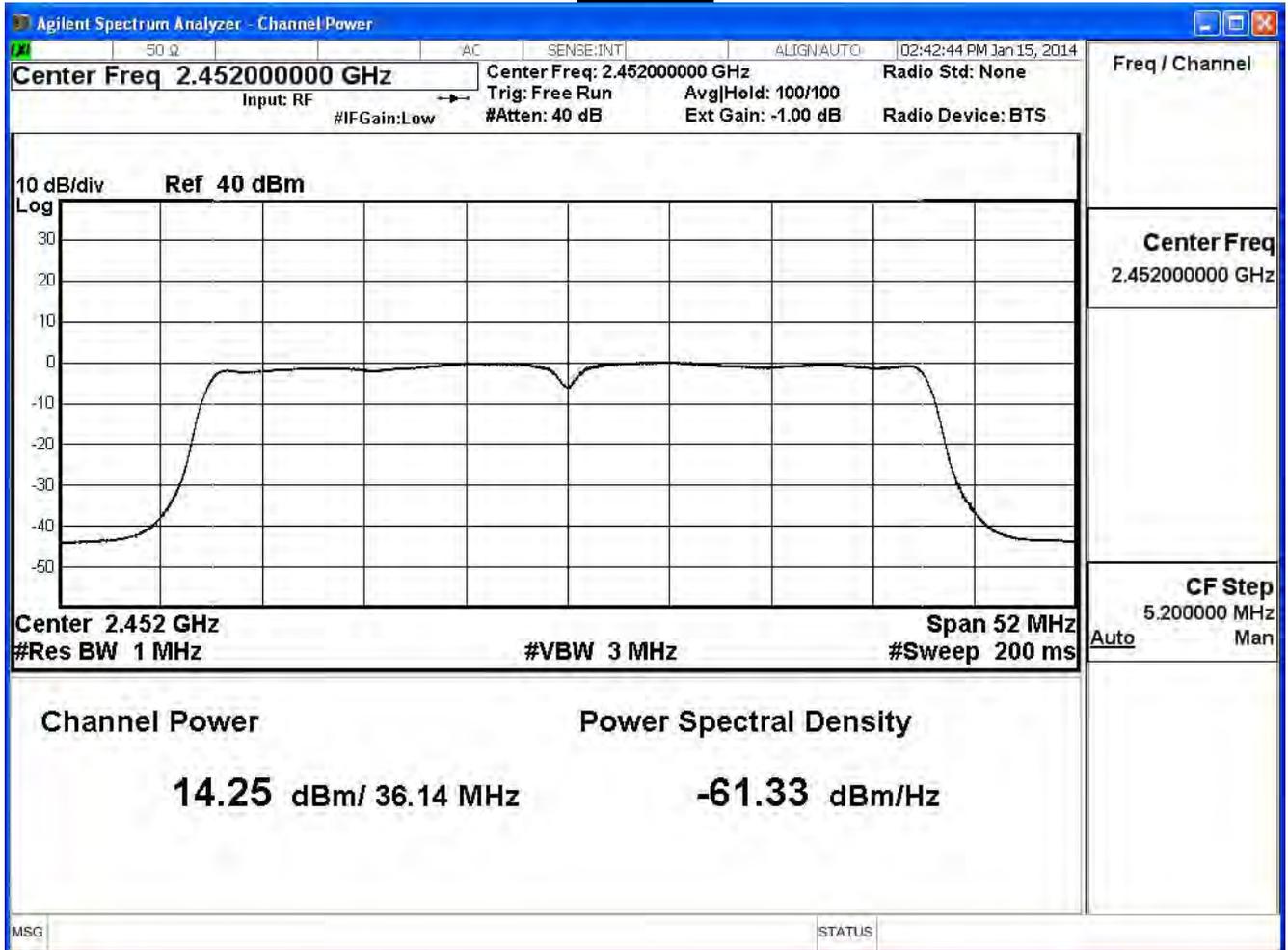
Channel 3



**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

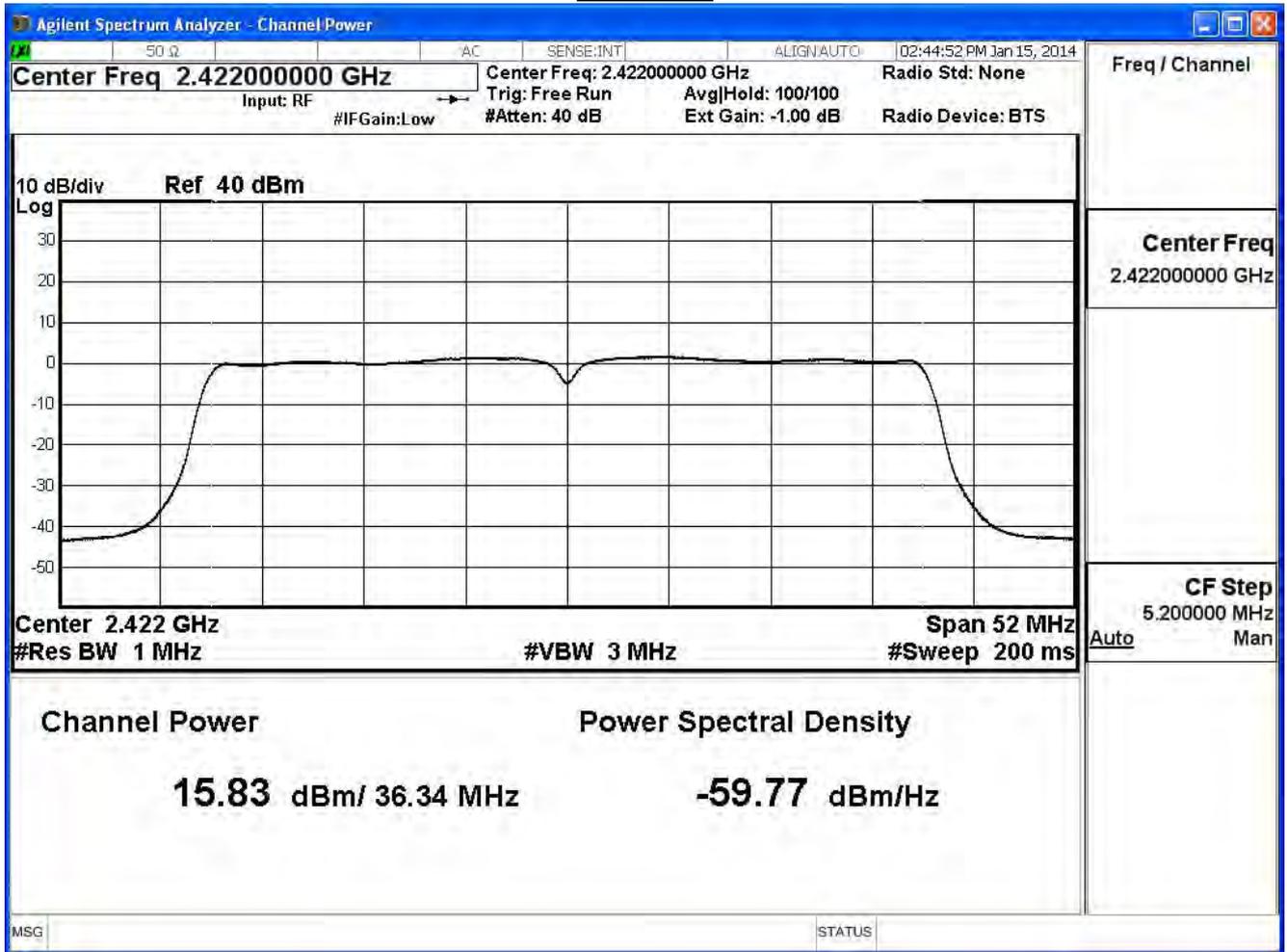
Note:

Measure Level =Reading value + cable loss

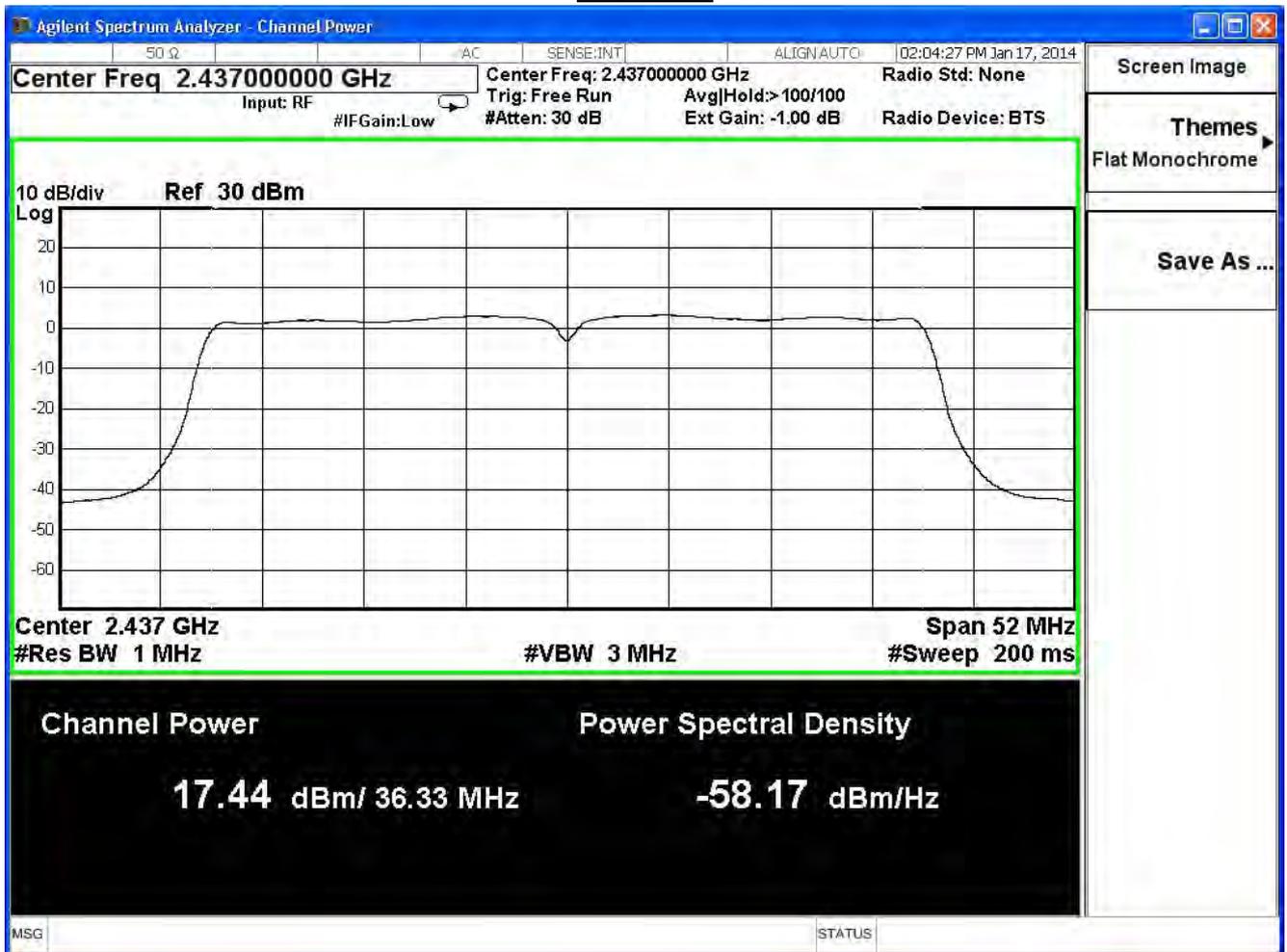
Directional Gain=10log(Ant N)+max Gain = 10log(3)+1.91dBi =6.68dBi

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

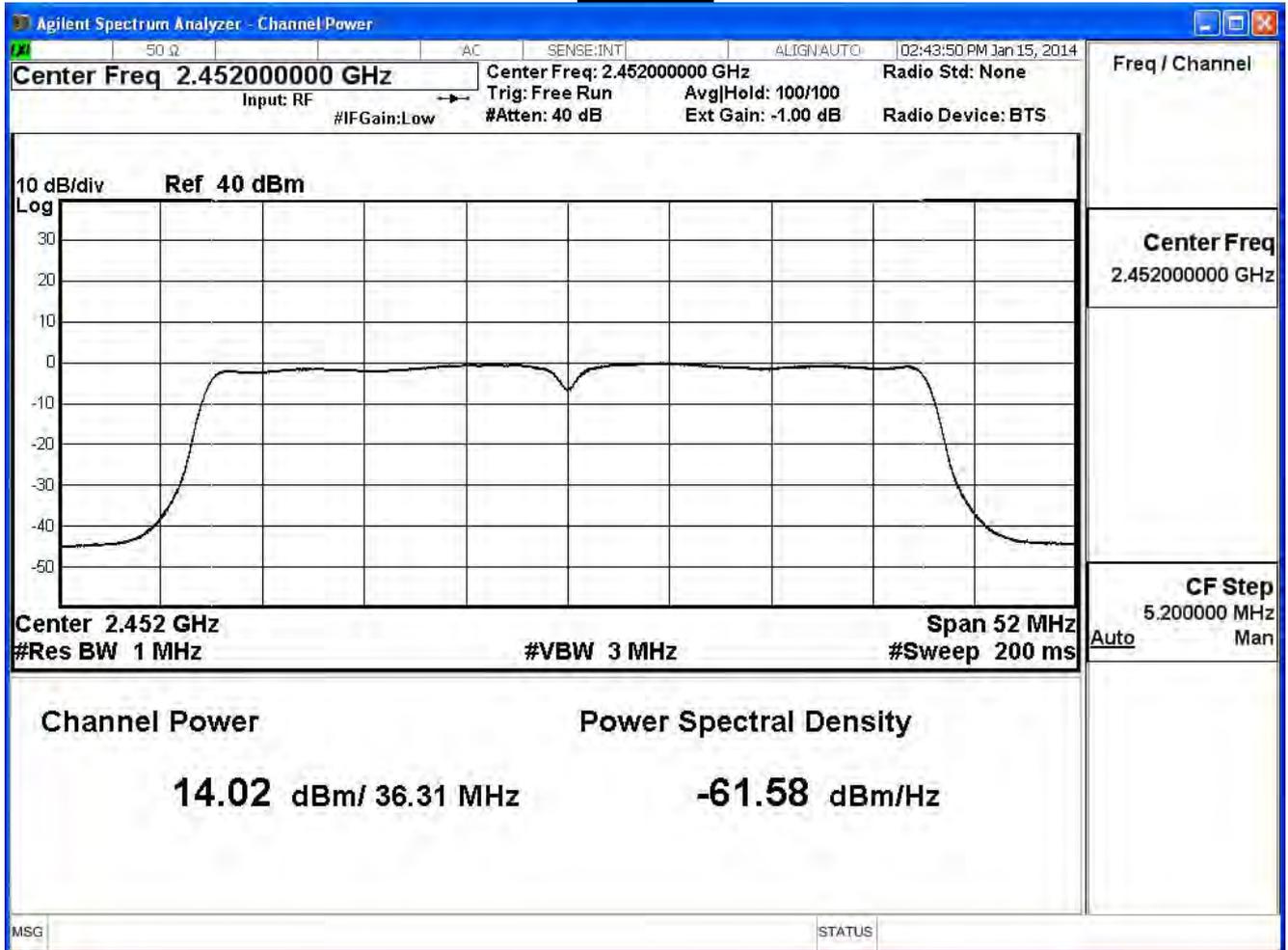
Channel 3



**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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 0) Power index : ch.149:90 , ch:157:90 , ch:165:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	21.610	≤27.19	Pass
157	5785	21.640	≤27.19	Pass
165	5825	21.690	≤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	21.61	--	--	--	--	--	--	--	27.19dBm
157	5785	21.64	21.53	21.43	21.33	21.09	20.97	20.82	20.70	27.19dBm
165	5825	21.69	--	--	--	--	--	--	--	27.19dBm

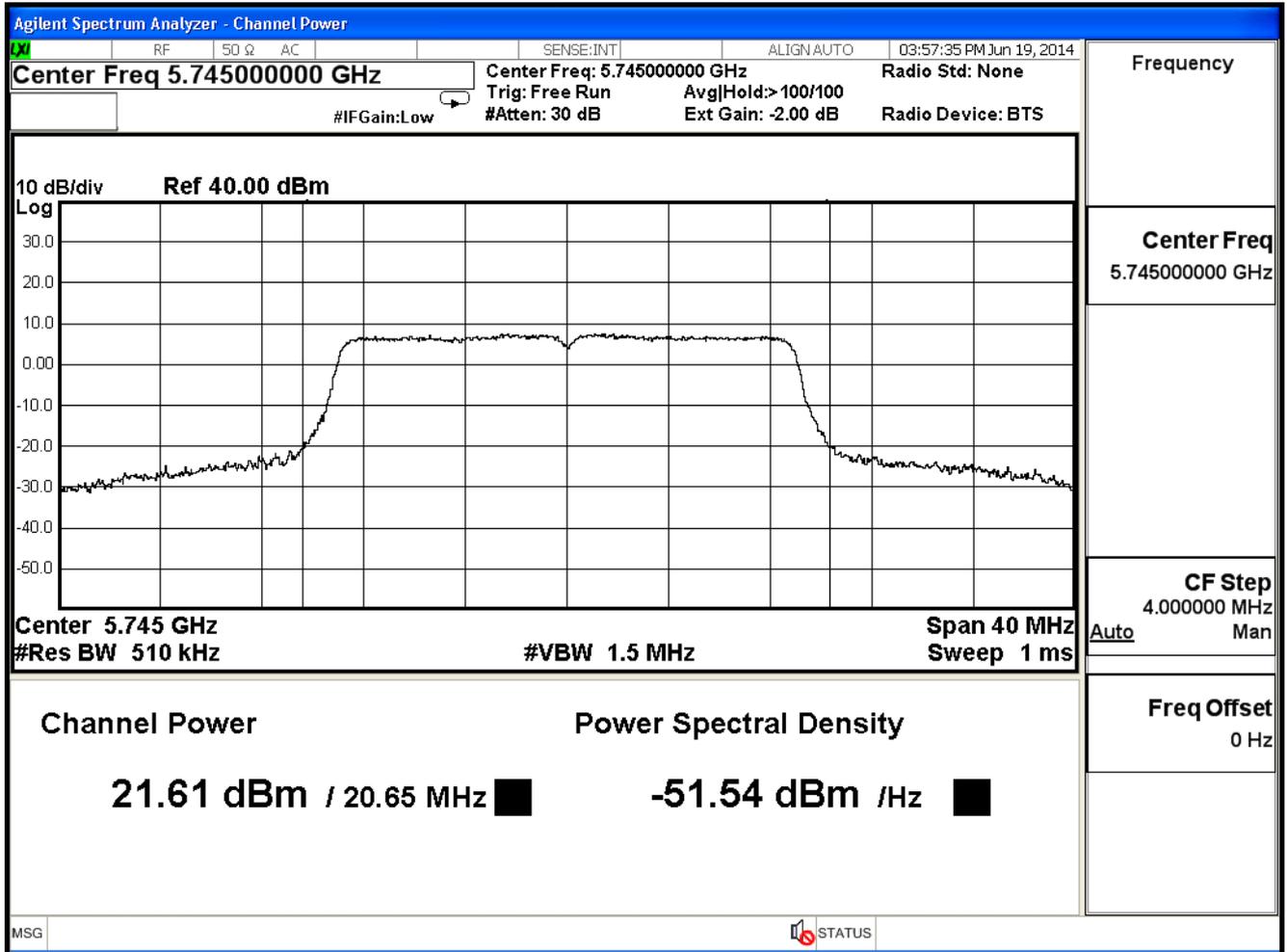
Note:

Measure Level =Reading value + cable loss

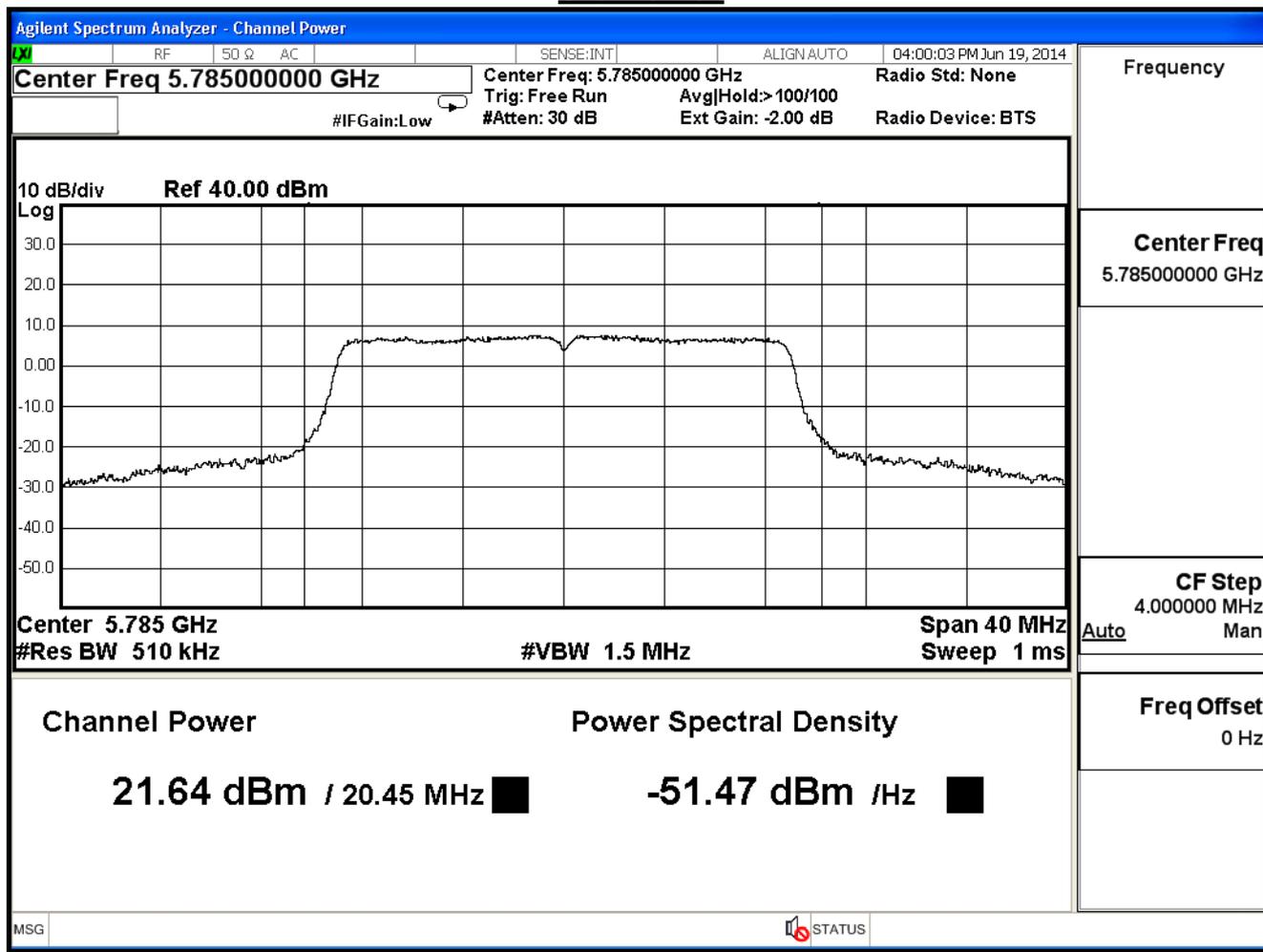
Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

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

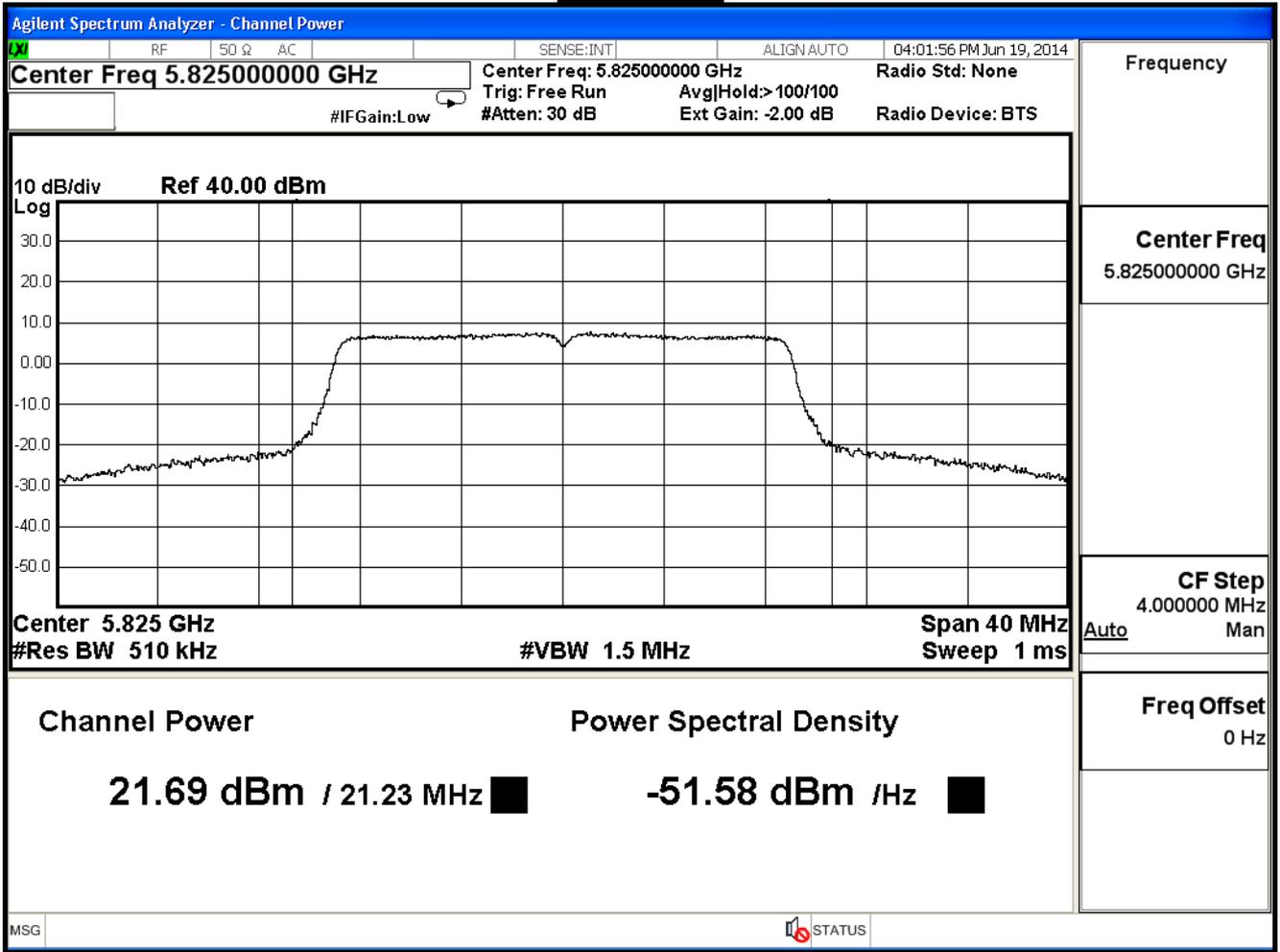
Channel 149



## 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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 1) Power index : ch.149:90 , ch:157:90 , ch:165:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	21.580	≤27.19	Pass
157	5785	21.650	≤27.19	Pass
165	5825	21.510	≤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	21.58	--	--	--	--	--	--	--	27.19dBm
157	5785	21.65	21.45	21.33	21.23	21.03	20.77	20.65	20.53	27.19dBm
165	5825	21.51	--	--	--	--	--	--	--	27.19dBm

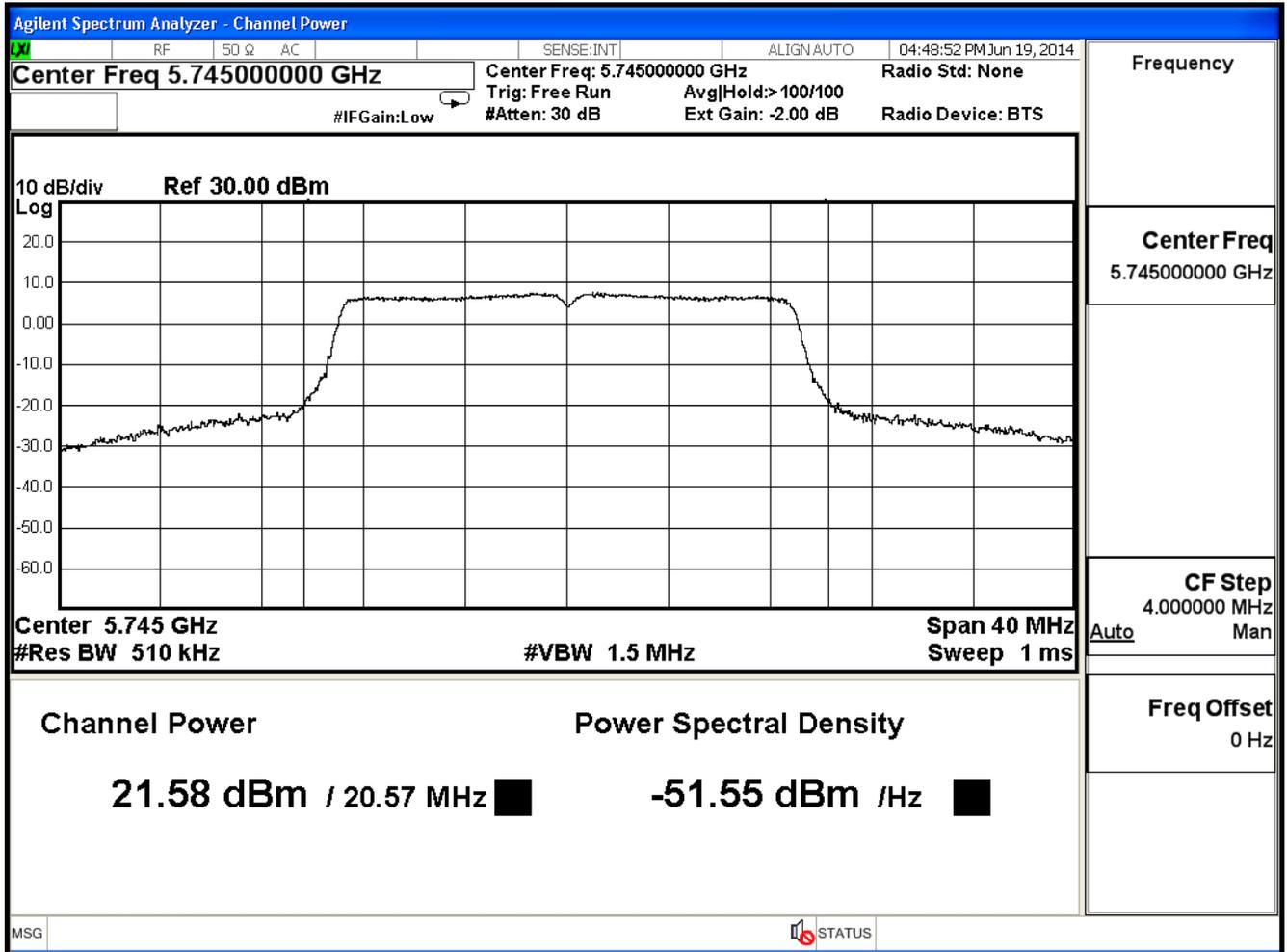
Note:

Measure Level =Reading value + cable loss

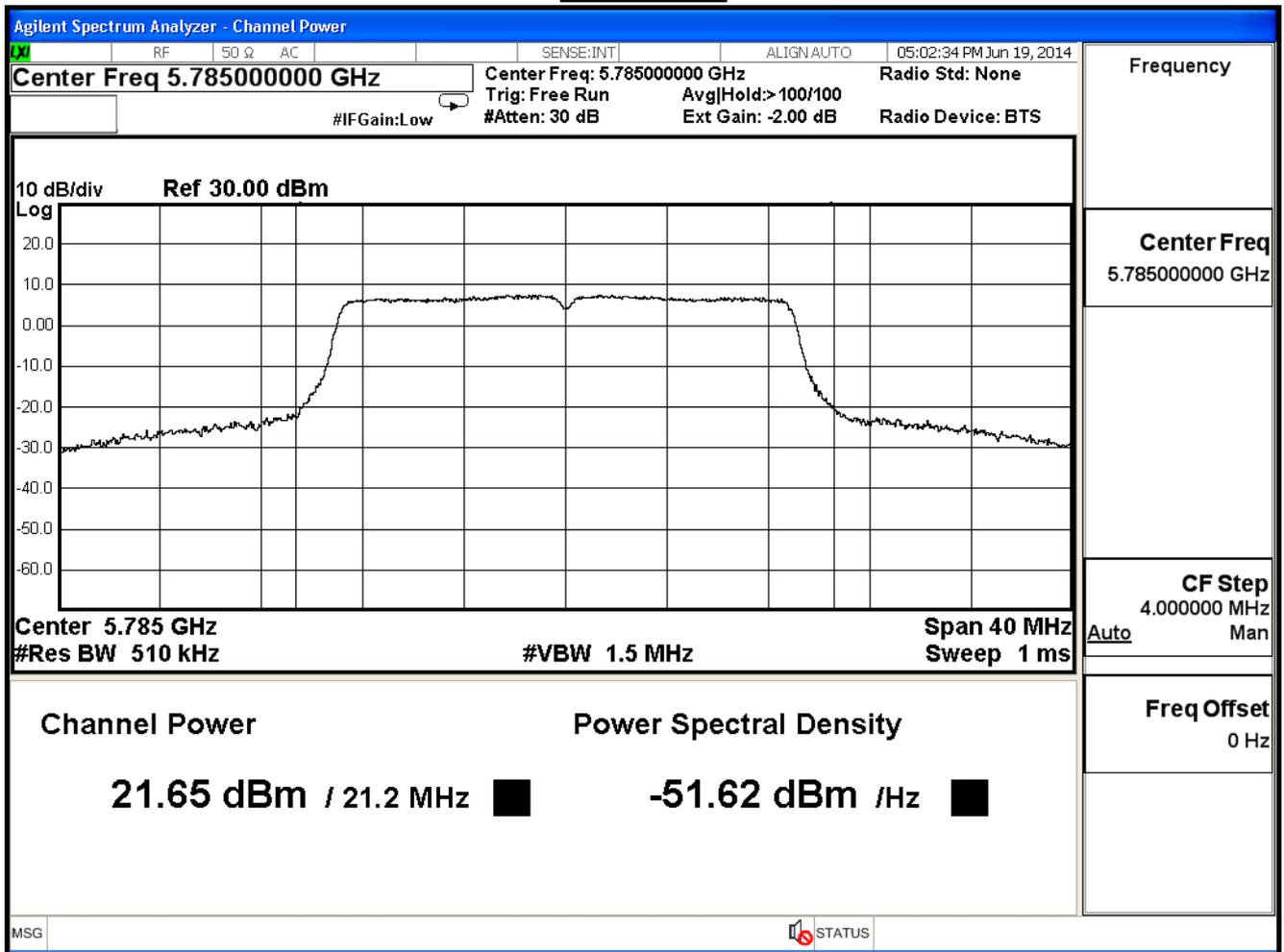
Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

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

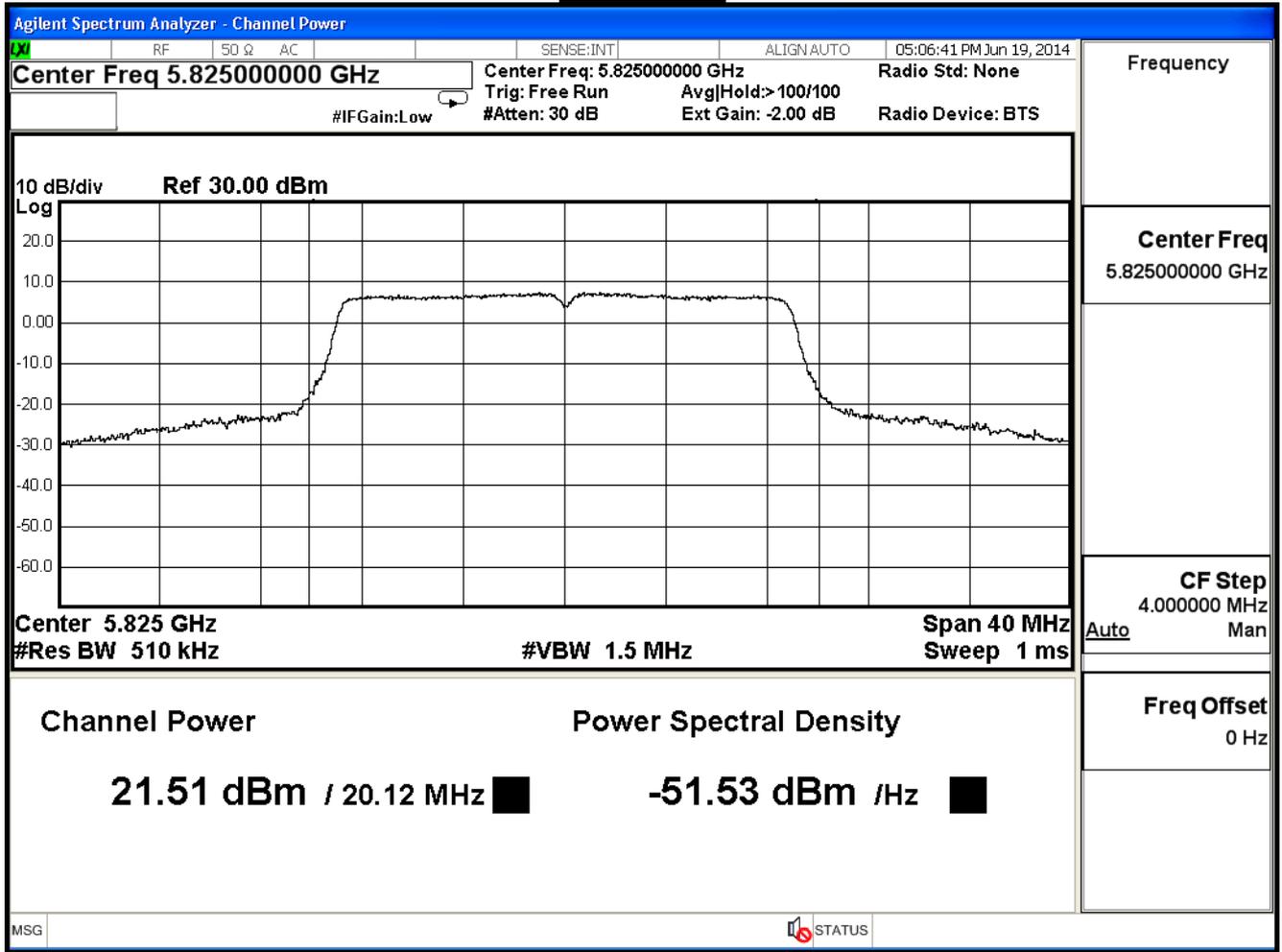
Channel 149



**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	2014/06/19	Test Site	SR7

IEEE802.11 n 20MHz (ANT 2) Power index : ch.149:90 , ch:157:90 , ch:165:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	21.500	≤27.19	Pass
157	5785	21.440	≤27.19	Pass
165	5825	21.570	≤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	21.50	--	--	--	--	--	--	--	27.19dBm
157	5785	21.44	21.24	21.14	20.90	20.70	20.58	20.46	20.22	27.19dBm
165	5825	21.57	--	--	--	--	--	--	--	27.19dBm

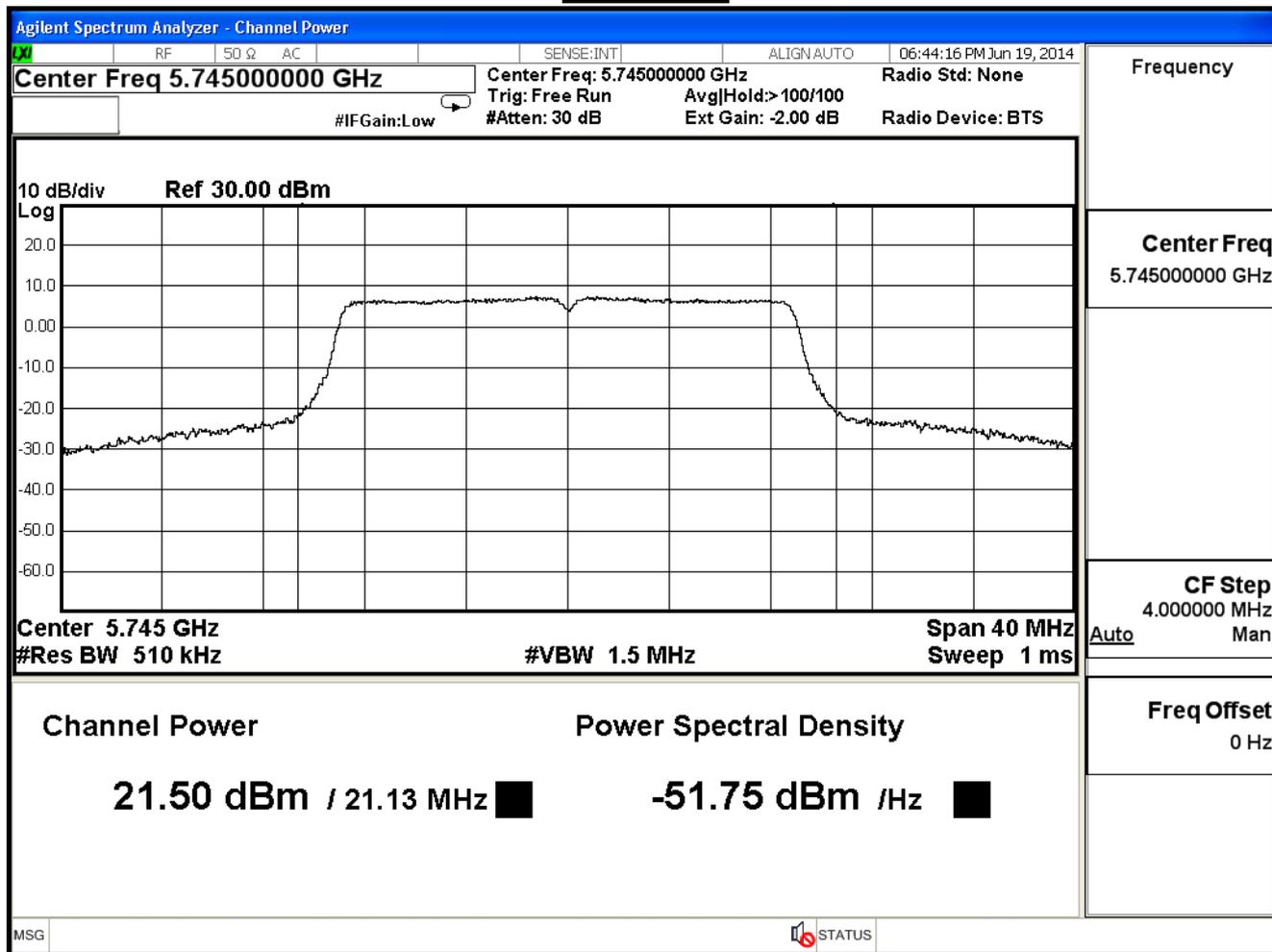
Note:

Measure Level =Reading value + cable loss

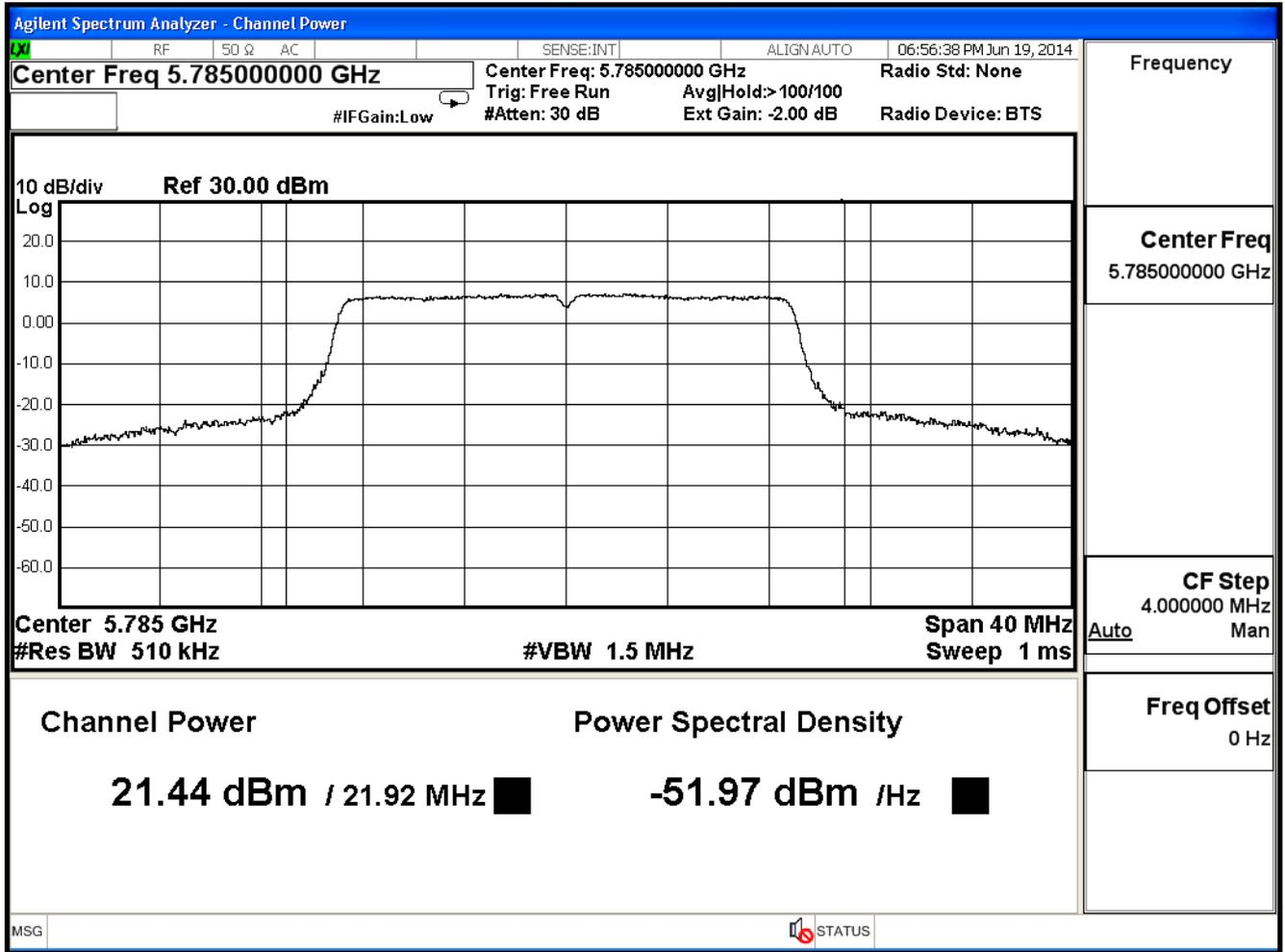
Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

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

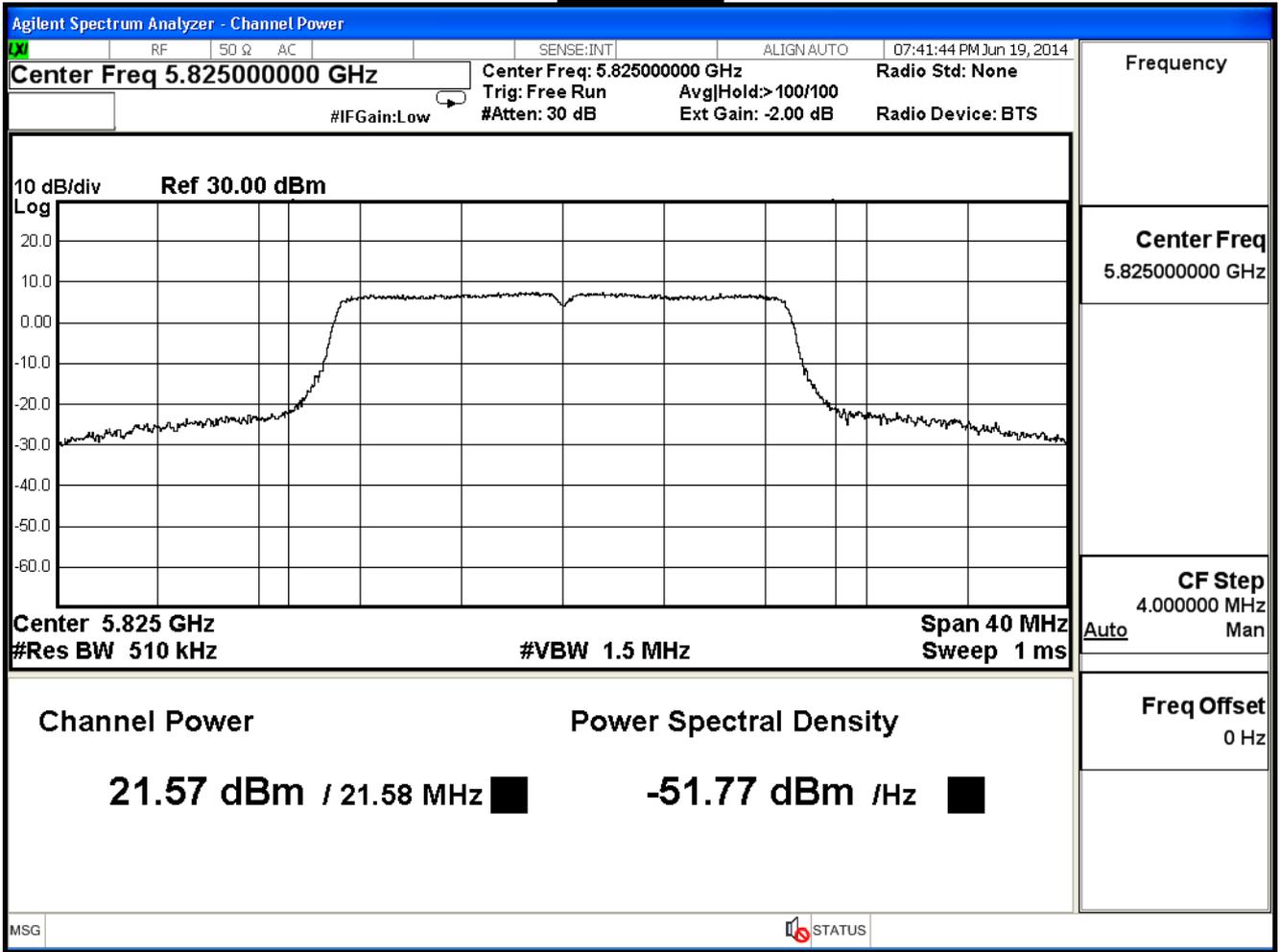
## Channel 149



**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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	26.335	≤27.19	Pass
157	5785	26.349	≤27.19	Pass
165	5825	26.362	≤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	26.33	--	--	--	--	--	--	--	27.19dBm
157	5785	26.35	26.18	26.07	25.93	25.71	25.55	25.42	25.26	27.19dBm
165	5825	26.36	--	--	--	--	--	--	--	27.19dBm

Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

Required Limit = 30dBm-(8.81dBi-6dB) = 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	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 0) Power index : ch.151:89, ch:159:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.320	≤27.19	Pass
159	5795	21.610	≤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	21.32	--	--	--	--	--	--	--	27.19dBm
159	5795	21.61	21.51	21.31	21.21	21.11	20.87	20.75	20.51	27.19dBm

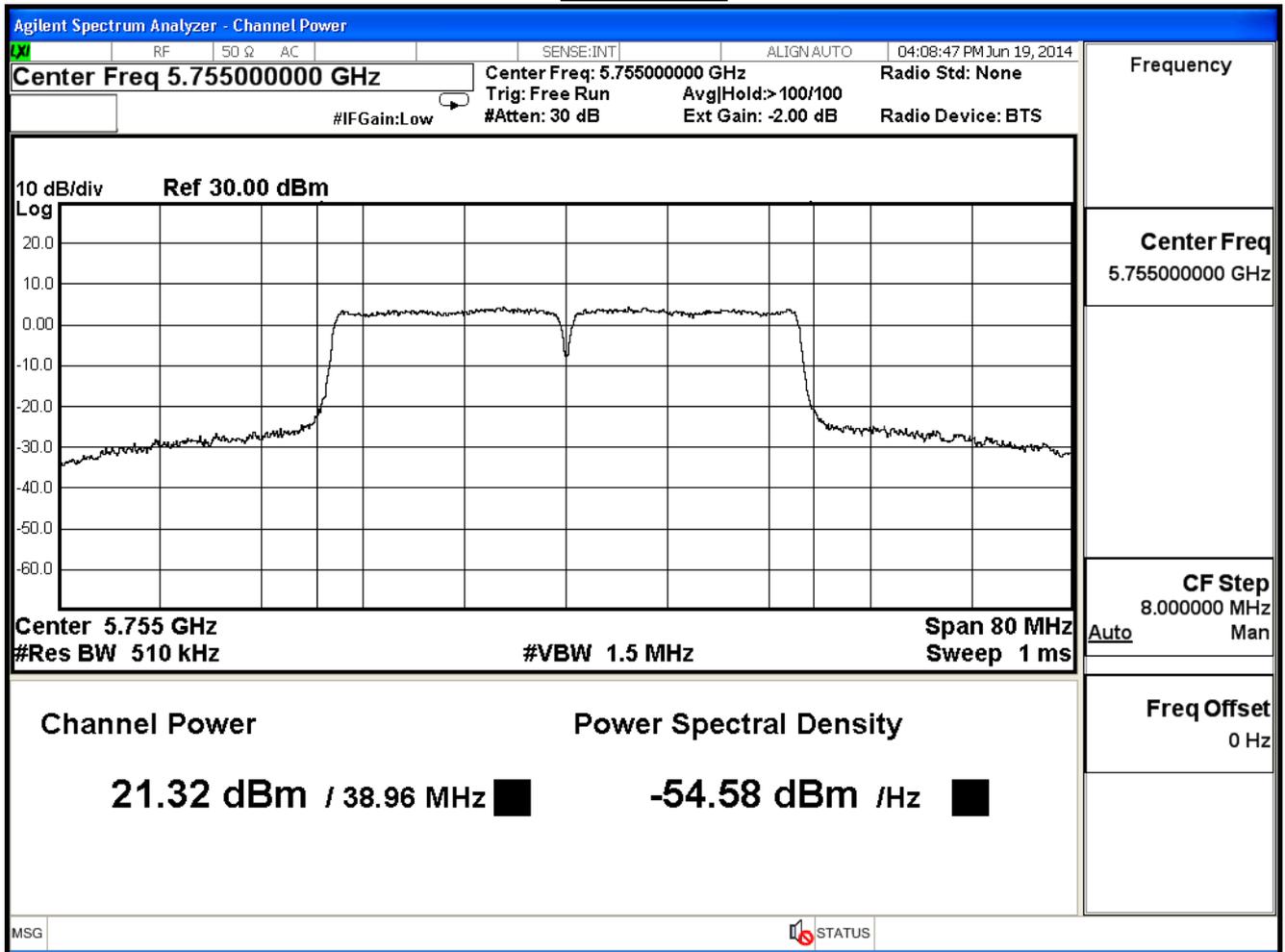
Note:

Measure Level =Reading value + cable loss

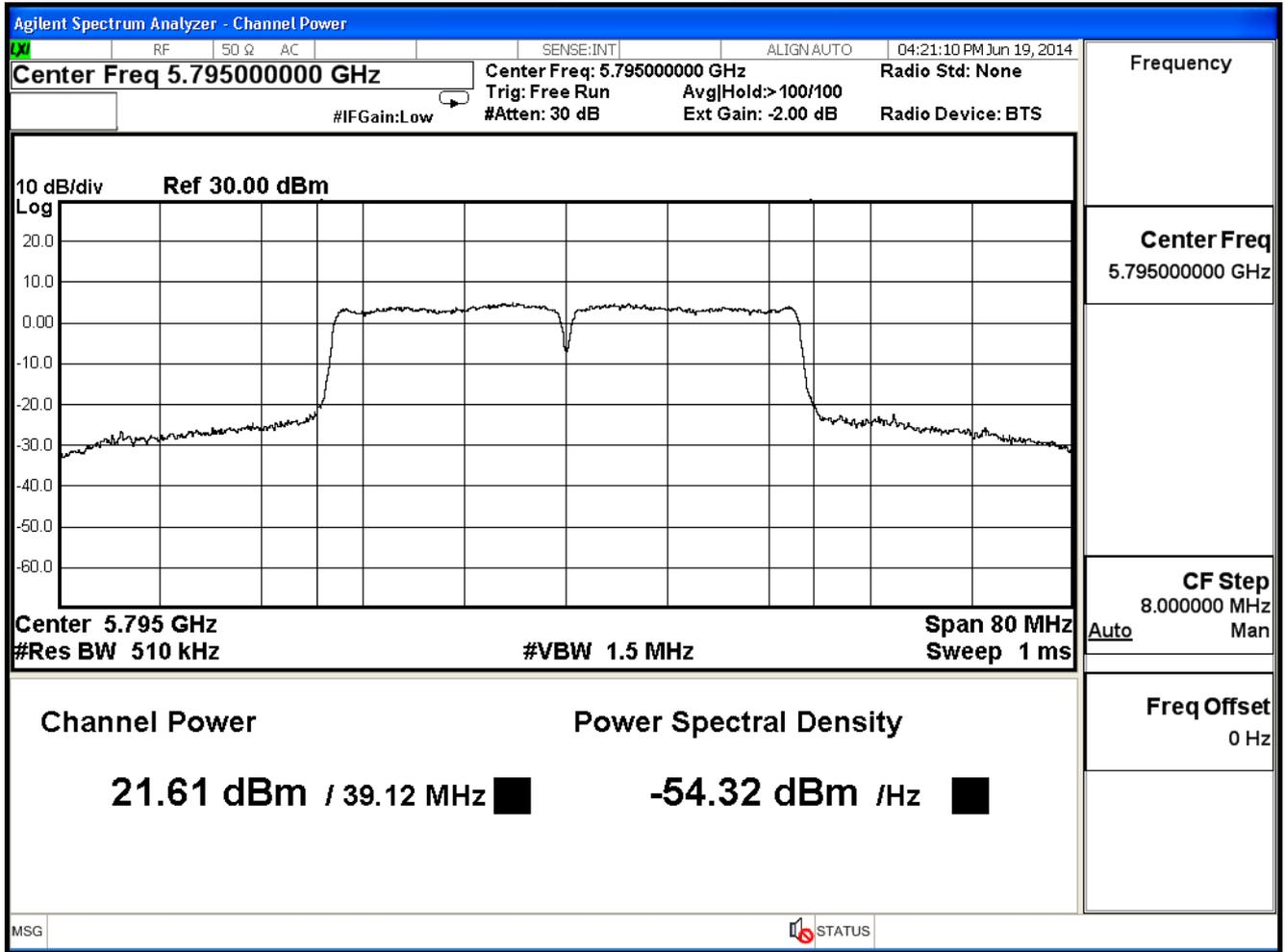
Directional Antenna Gain =  $10\log(\text{Ant N}) + \text{Max Gain} = 8.81\text{dBi}$

Required Limit =  $30\text{dBm} - (8.81\text{dBi} - 6\text{dB}) = 27.19\text{dBm}$

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	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 1) Power index : ch.151:89, ch:159:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.280	≤27.19	Pass
159	5795	21.560	≤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	21.28	--	--	--	--	--	--	--	27.19dBm
159	5795	21.56	21.46	21.36	21.16	20.96	20.72	20.48	20.24	27.19dBm

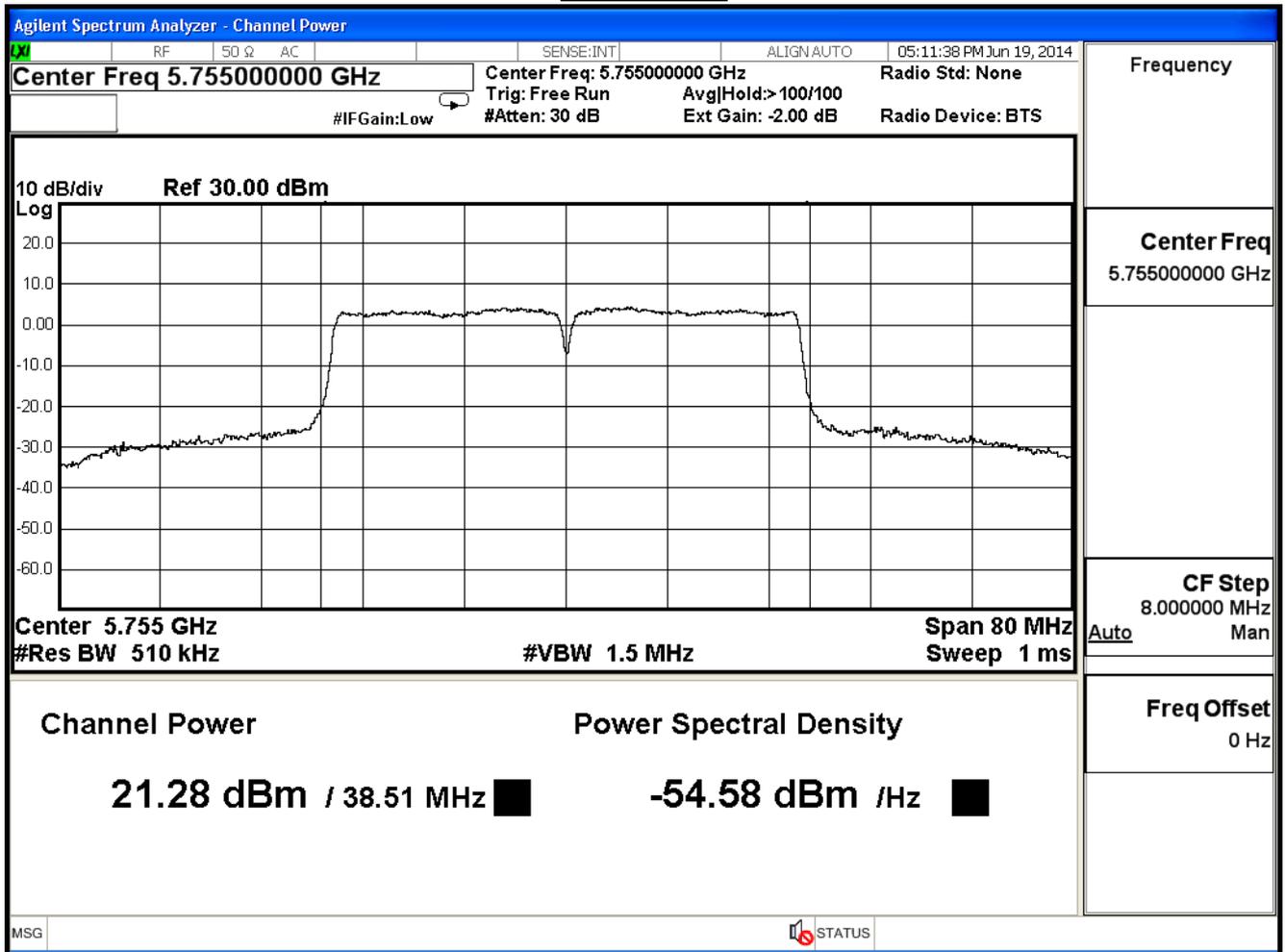
Note:

Measure Level =Reading value + cable loss

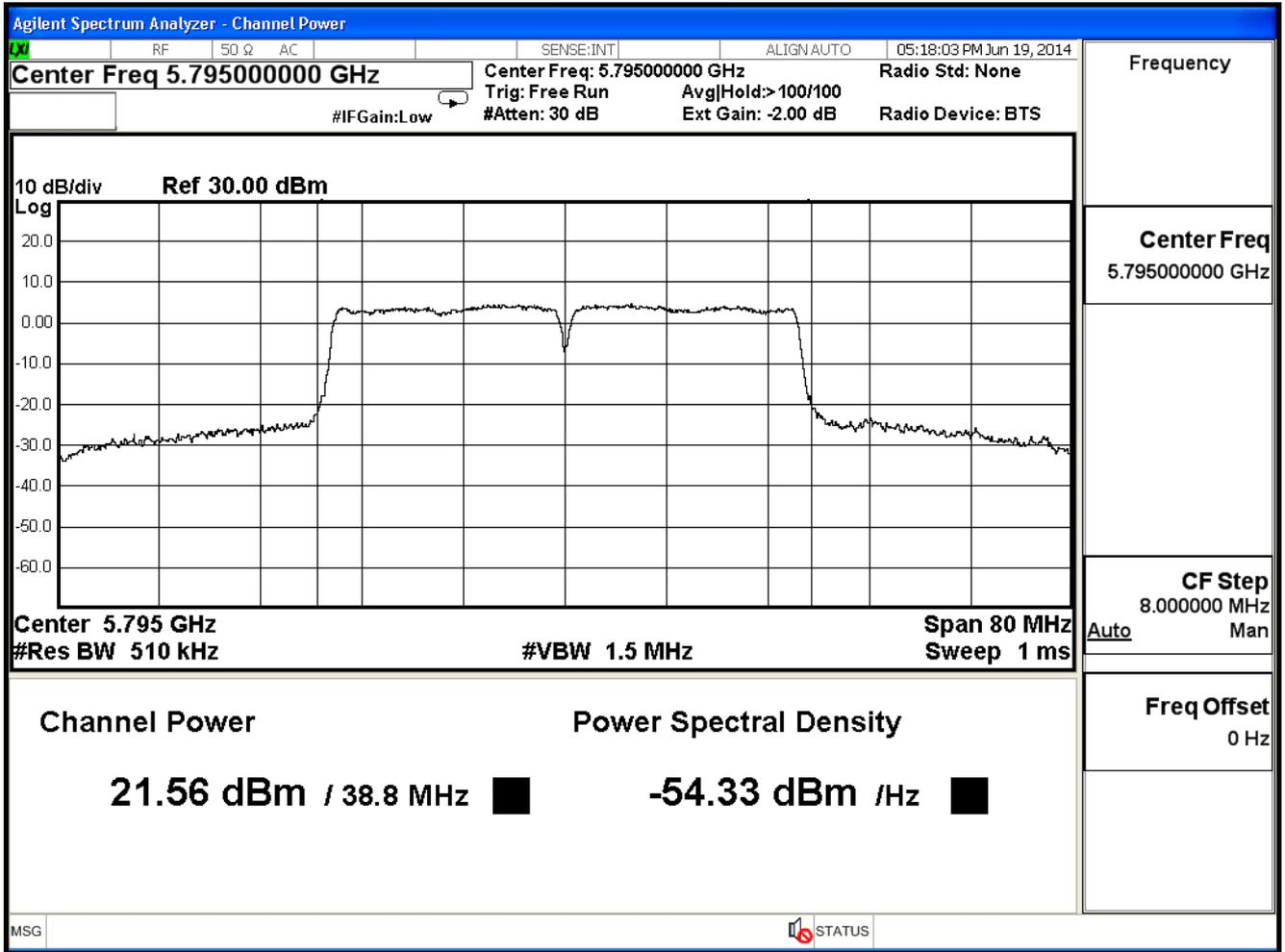
Directional Antenna Gain =  $10\log(\text{Ant N}) + \text{Max Gain} = 8.81\text{dBi}$

Required Limit =  $30\text{dBm} - (8.81\text{dBi} - 6\text{dB}) = 27.19\text{dBm}$

**Channel 151**



**Channel 159**



Frequency

Center Freq  
5.795000000 GHz

CF Step  
8.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode)_ Adapter: EXA1206UH		
Date of Test	2014/06/19	Test Site	SR7

IEEE802.11 n 40MHz (ANT 2) Power index : ch.151:89 , ch:159:90

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.260	≤27.19	Pass
159	5795	21.430	≤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	21.26	--	--	--	--	--	--	--	27.19dBm
159	5795	21.43	21.33	21.13	20.93	20.73	20.61	20.37	20.25	27.19dBm

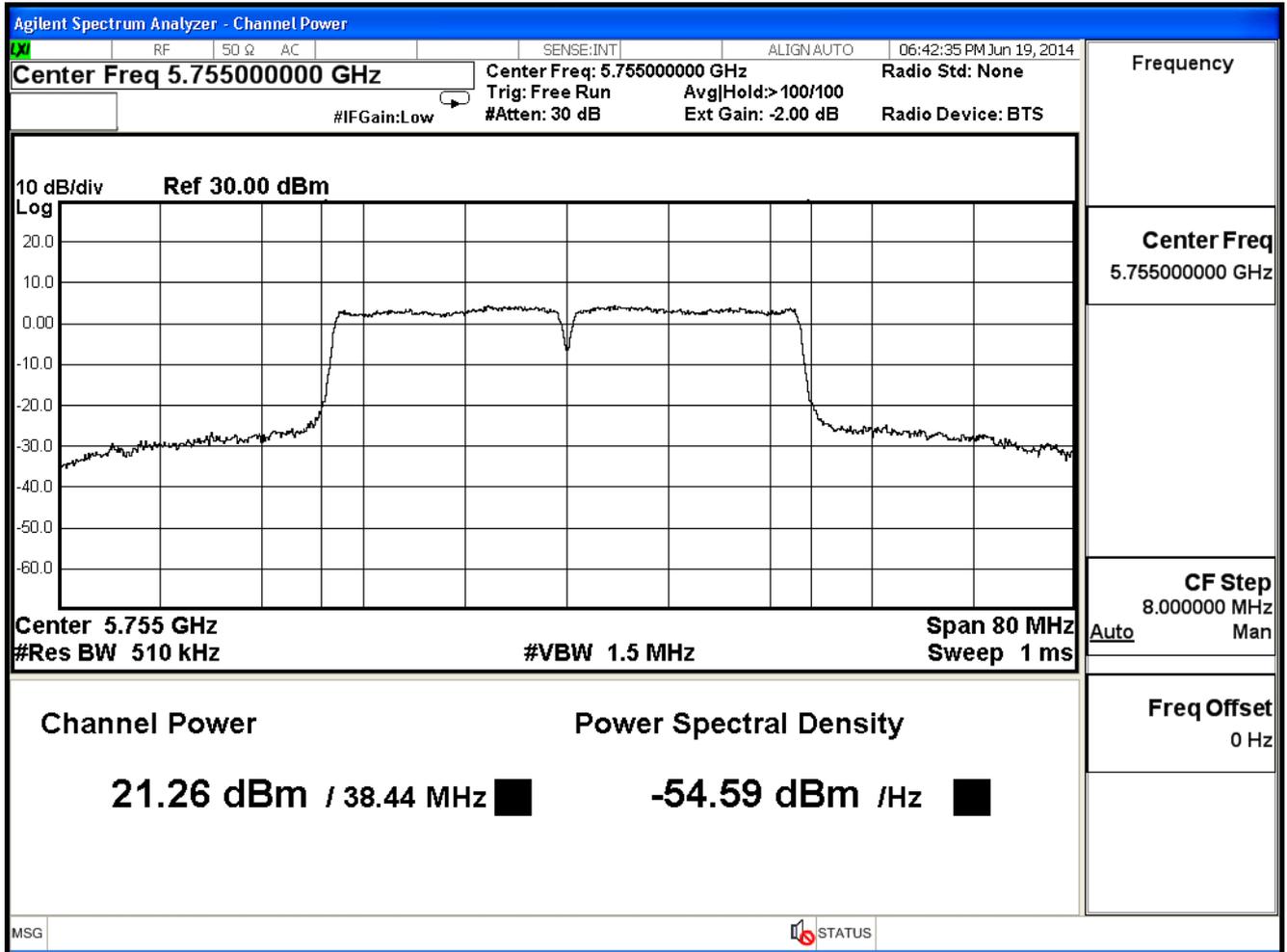
Note:

Measure Level =Reading value + cable loss

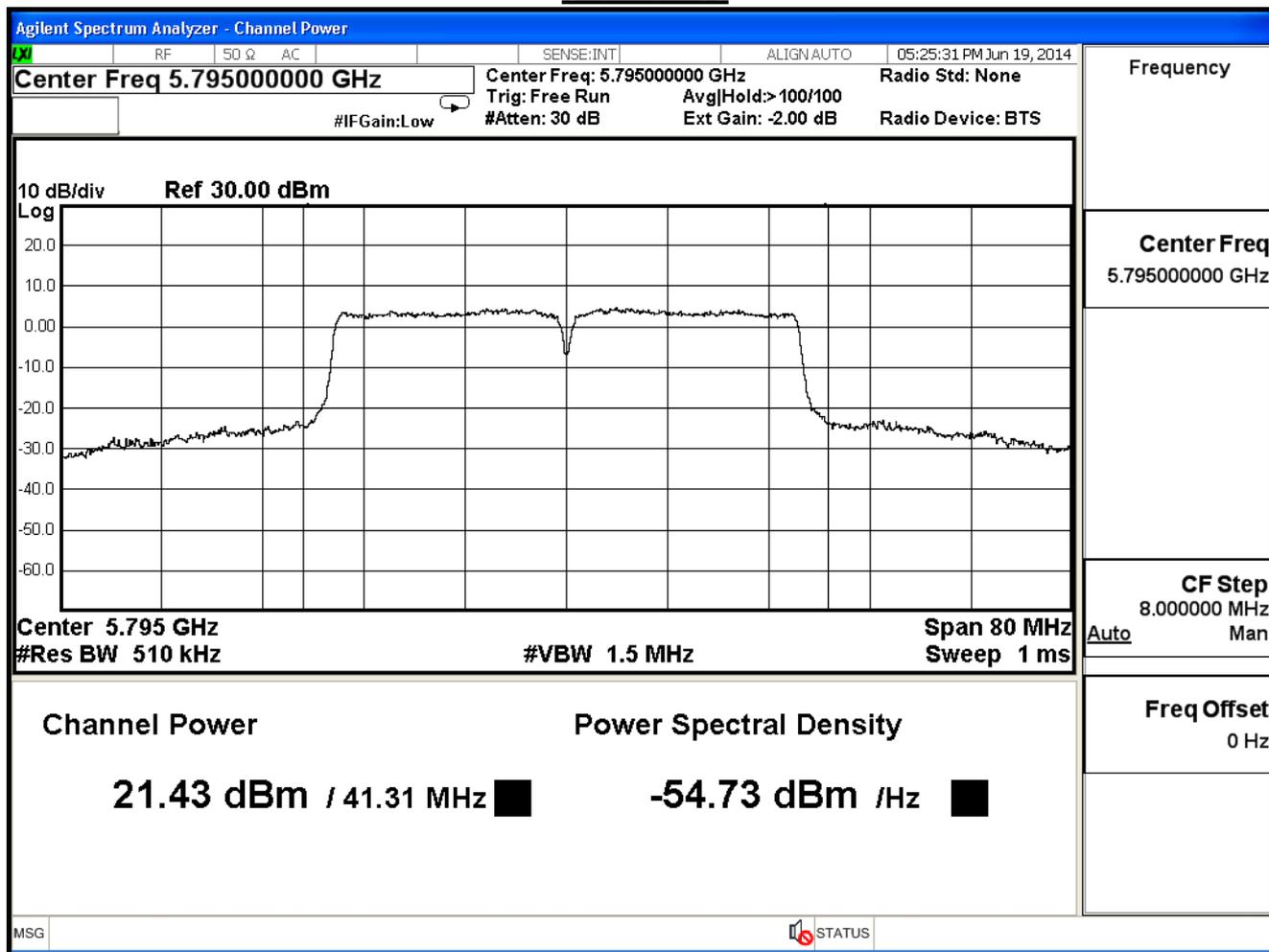
Directional Antenna Gain =  $10\log(\text{Ant N}) + \text{Max Gain} = 8.81\text{dBi}$

Required Limit =  $30\text{dBm} - (8.81\text{dBi} - 6\text{dB}) = 27.19\text{dBm}$

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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	26.058	≤27.19	Pass
159	5795	26.305	≤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	26.06	--	--	--	--	--	--	--	27.19dBm
159	5795	26.31	26.21	26.04	25.87	25.71	25.51	25.31	25.11	27.19dBm

Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain =  $10\log(\text{Ant N}) + \text{Max Gain} = 8.81\text{dBi}$

Required Limit =  $30\text{dBm} - (8.81\text{dBi} - 6\text{dB}) = 27.19\text{dBm}$

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 0) Power index : ch.155:87

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	19.890	≤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	19.89	19.79	19.59	19.39	19.29	19.19	19.07	18.95	18.71	18.47

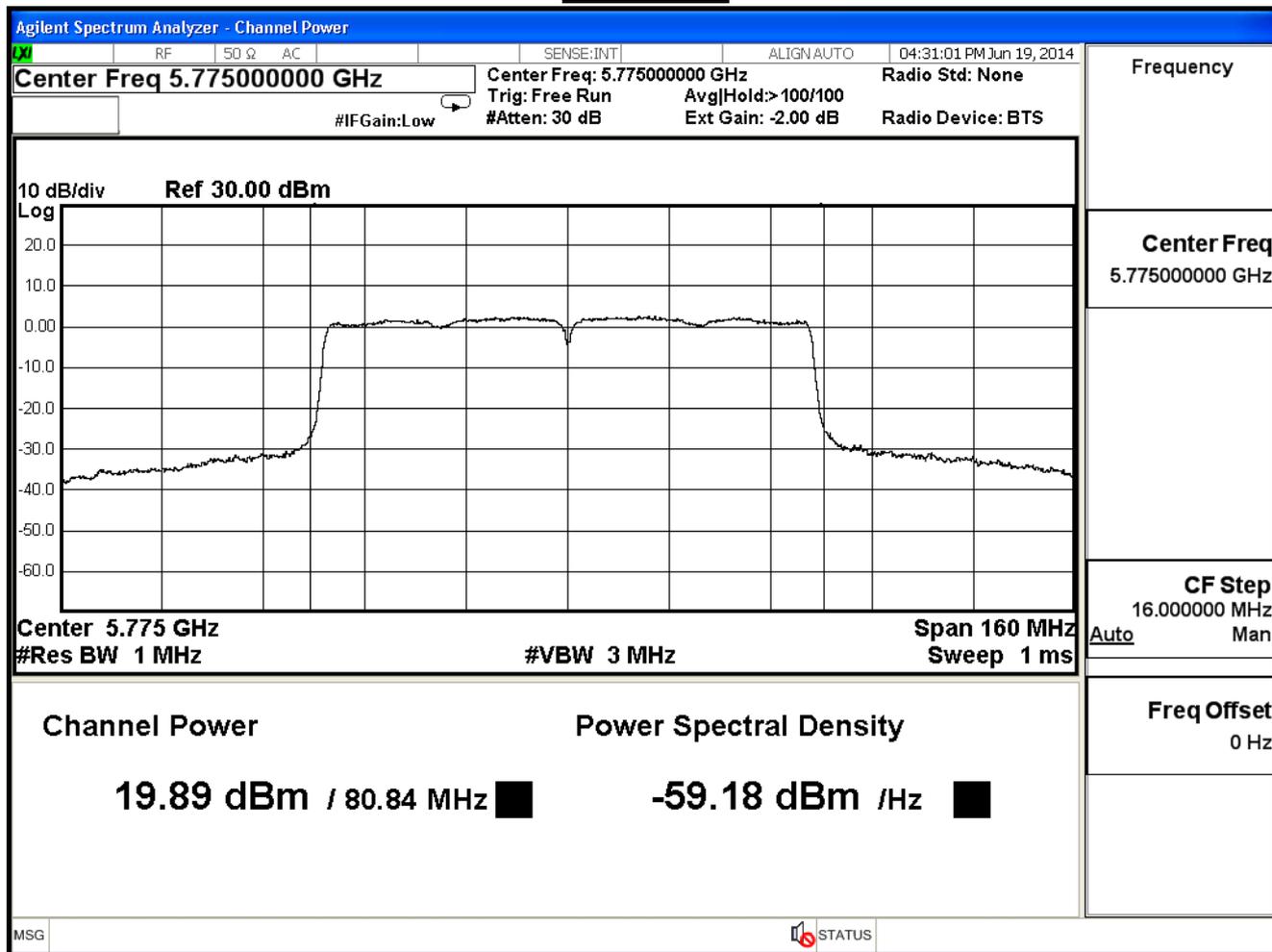
Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

Required Limit = 30dBm-(8.81dBi-6dB) = 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	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 1) Power index : ch.155:87

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.110	≤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	20.11	20.01	19.91	19.81	19.71	19.61	19.49	19.25	19.13	19.01

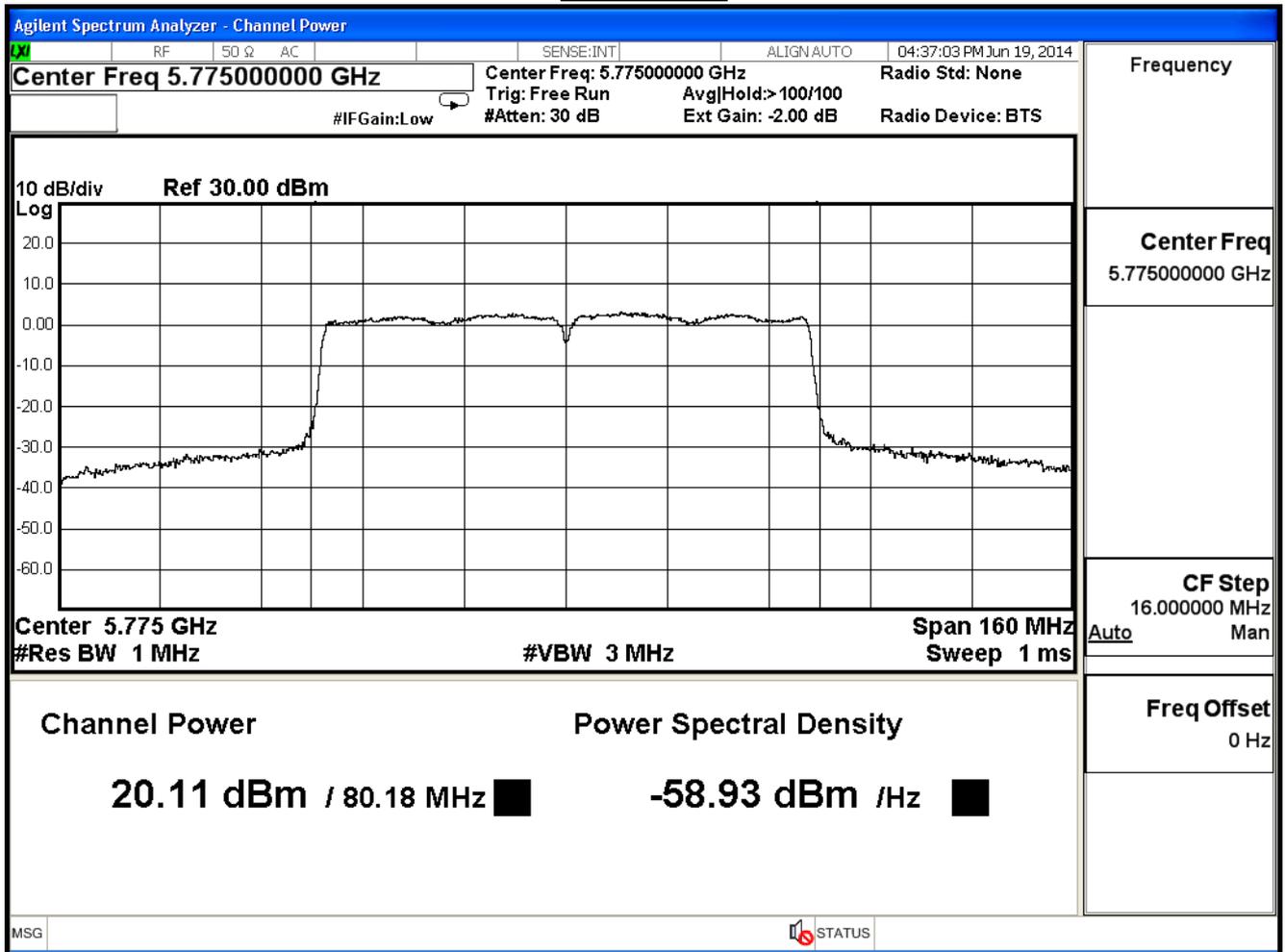
Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

Required Limit = 30dBm-(8.81dBi-6dB) = 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	2014/06/19	Test Site	SR7

IEEE802.11ac 80MHz (ANT 2) Power index : ch.155:87

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.090	≤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	20.09	19.99	19.89	19.79	19.59	19.39	19.27	19.15	18.91	18.79

Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

Required Limit = 30dBm-(8.81dBi-6dB) = 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	2014/06/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	24.802	≤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	24.80	24.70	24.57	24.44	24.30	24.17	24.05	23.89	23.69	23.53

Note:

Measure Level =Reading value + cable loss

Directional Antenna Gain = 10log(Ant N) + Max Gain = 8.81dBi

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

#### 4. Radiated Emission

##### 4.1. Test Equipment

The following test equipments are used during the test:

##### Radiated Emission / CB1 (2.4G:Mode1 、 3, 5G:Mode3)

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

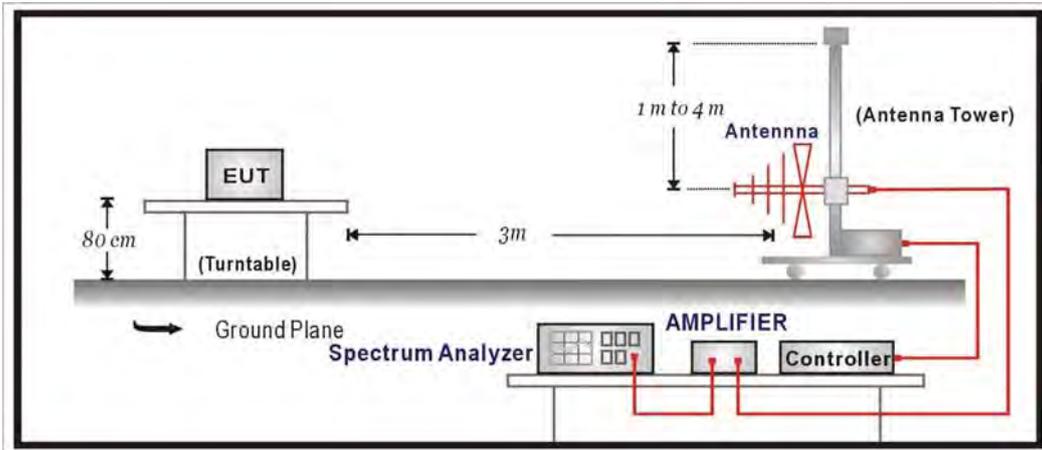
##### Radiated Emission / CB1 (5G:Mode 1 、 4 , 2.4G:Mode4)

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

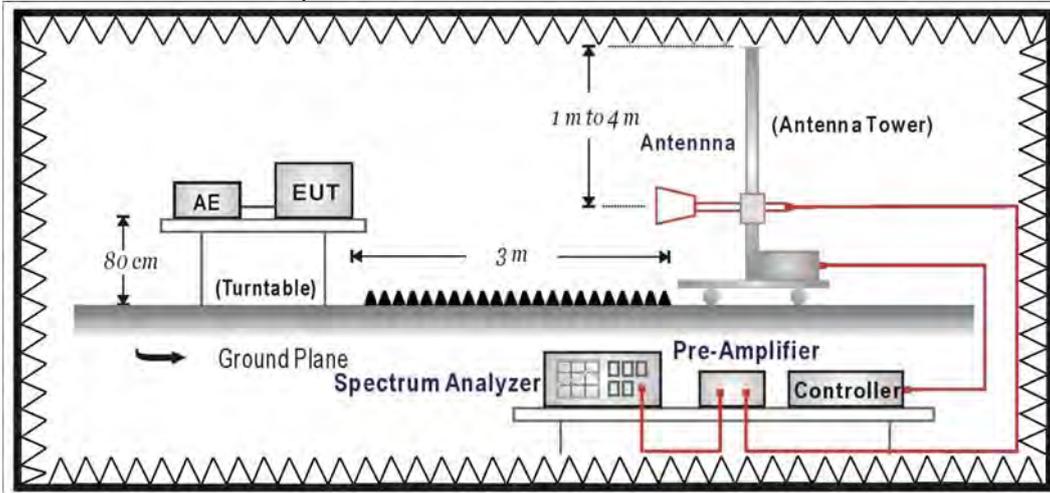
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

### 4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



**4.3. Limits**

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

<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 C63.10 and tested according to DTS test procedure of 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 C63.10 on radiated measurement.

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

**4.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

**4.6. Uncertainty**

The measurement uncertainty

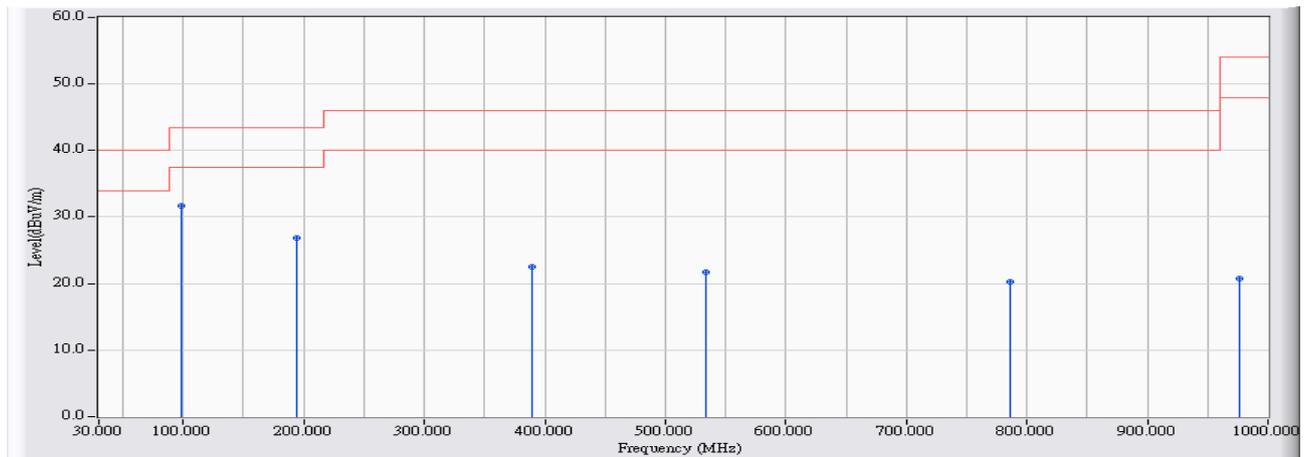
30MHz~1GHz as  $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2013/10/22 - 13:27
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11b_2437MHz

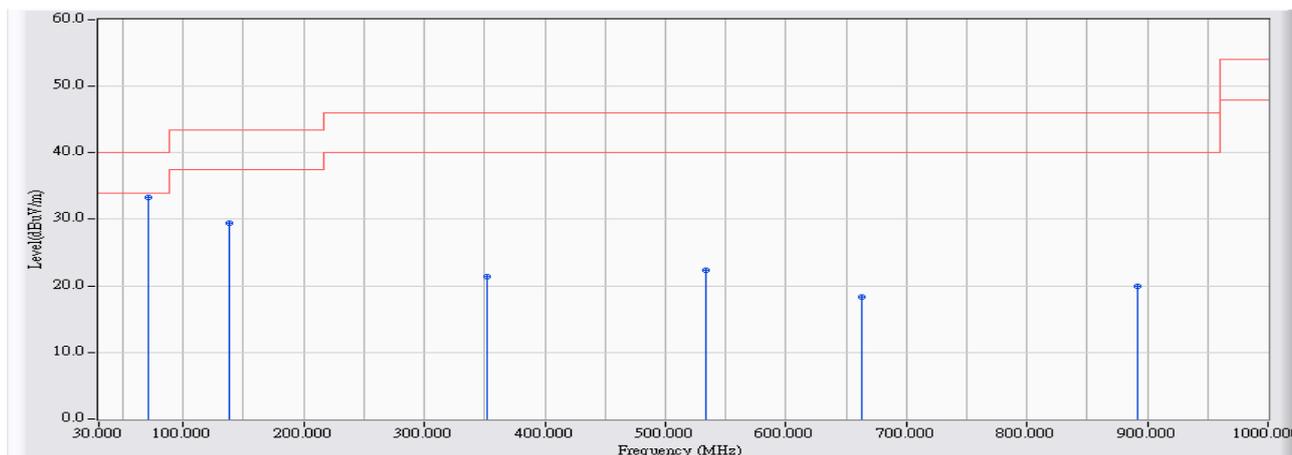


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	98.870	-23.421	55.082	31.660	-11.840	43.500	QUASPEAK
2		193.930	-24.805	51.677	26.871	-16.629	43.500	QUASPEAK
3		388.900	-17.823	40.403	22.580	-23.420	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 13:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11b_2437MHz

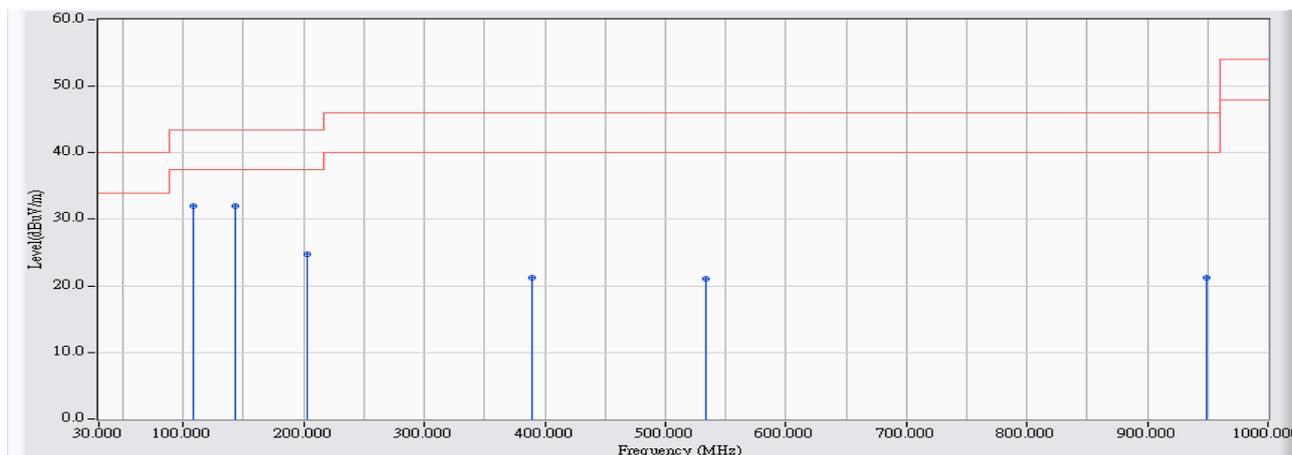


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.740	-27.413	60.753	33.341	-6.659	40.000	QUASPEAK
2		138.640	-22.821	52.285	29.464	-14.036	43.500	QUASPEAK
3		352.040	-18.746	40.167	21.421	-24.579	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 13:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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

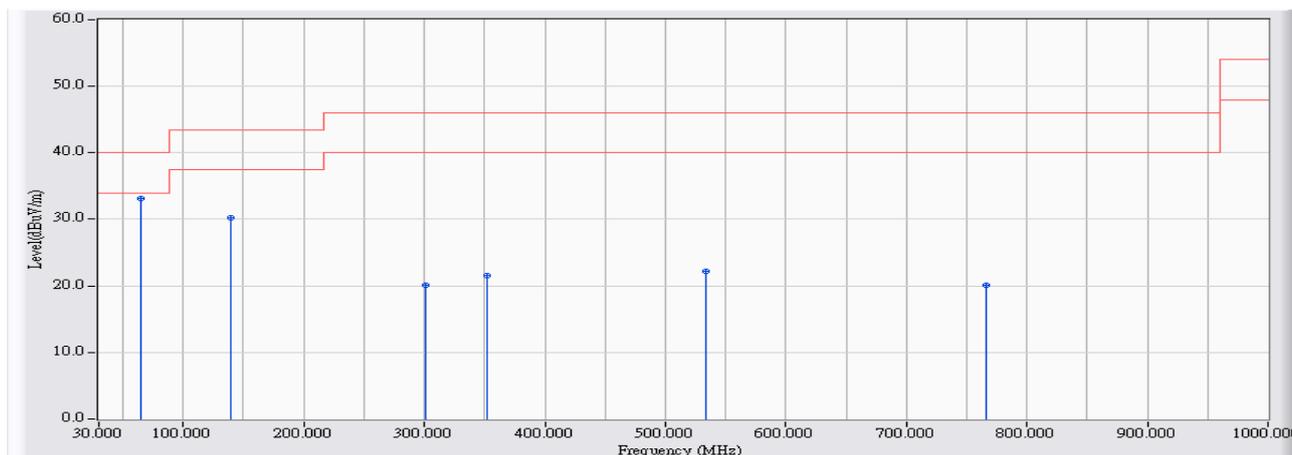


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	108.570	-22.739	54.687	31.948	-11.552	43.500	QUASPEAK
2	* 143.490	-23.042	55.128	32.086	-11.414	43.500	QUASPEAK
3	202.660	-24.632	49.455	24.823	-18.677	43.500	QUASPEAK
4	388.900	-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 : CB1	Time : 2013/10/22 - 13:32
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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

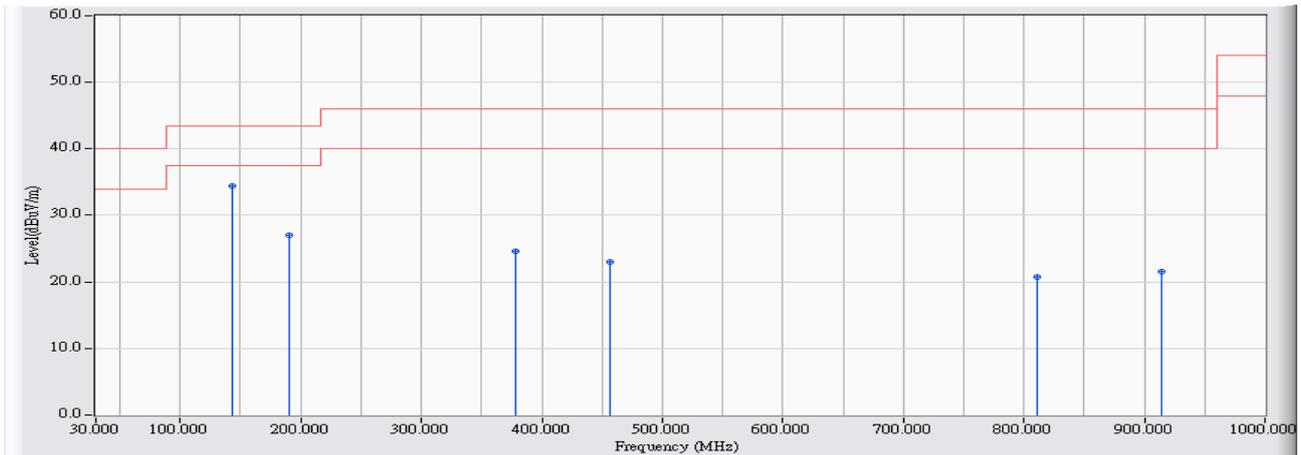


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	64.920	-27.319	60.390	33.071	-6.929	40.000	QUASPEAK
2		139.610	-22.855	53.028	30.173	-13.327	43.500	QUASPEAK
3		300.630	-20.033	40.060	20.027	-25.973	46.000	QUASPEAK
4		352.040	-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 : CB1	Time : 2013/10/22 - 13:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11n(20M)_2437MHz

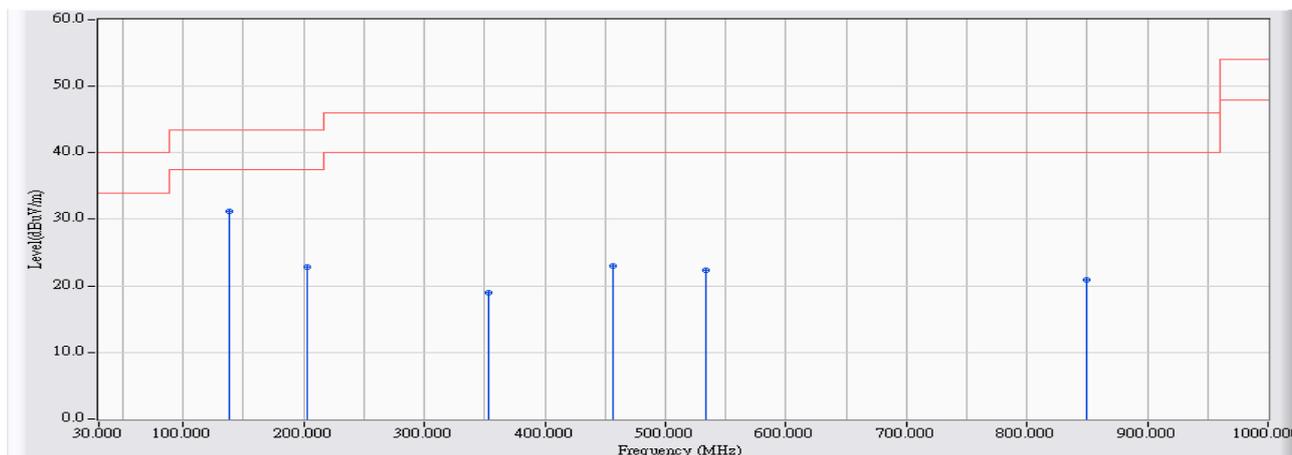


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	57.462	34.420	-9.080	43.500	QUASPEAK
2		191.020	-24.792	51.736	26.944	-16.556	43.500	QUASPEAK
3		378.230	-18.090	42.661	24.571	-21.429	46.000	QUASPEAK
4		456.800	-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 : CB1	Time : 2013/10/22 - 13:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11n(20M)_2437MHz

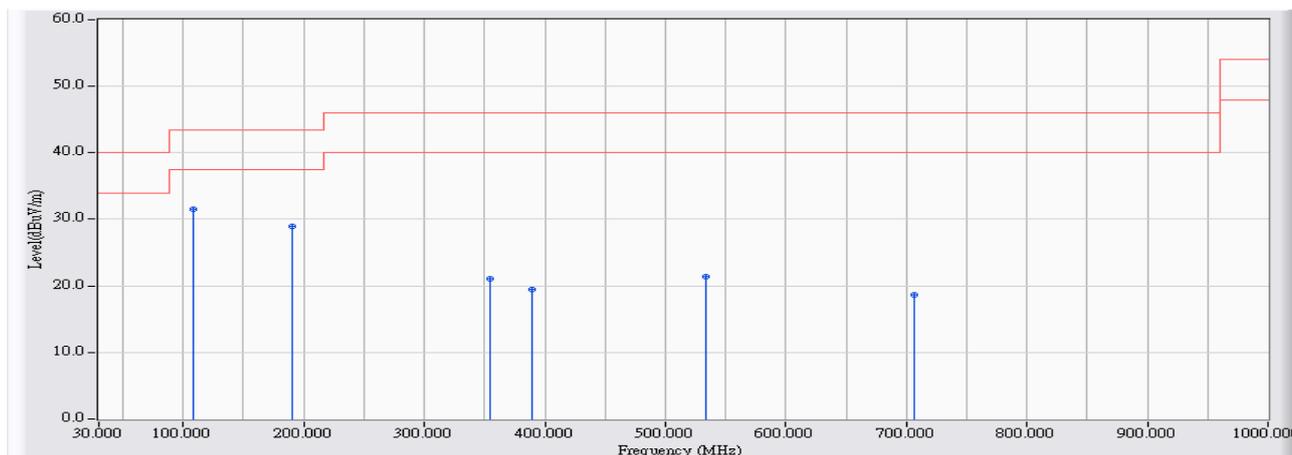


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.640	-22.821	53.954	31.133	-12.367	43.500	QUASPEAK
2		202.660	-24.632	47.457	22.825	-20.675	43.500	QUASPEAK
3		353.010	-18.722	37.659	18.938	-27.062	46.000	QUASPEAK
4		456.800	-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 : CB1	Time : 2013/10/22 - 13:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11n(40M)_2437MHz

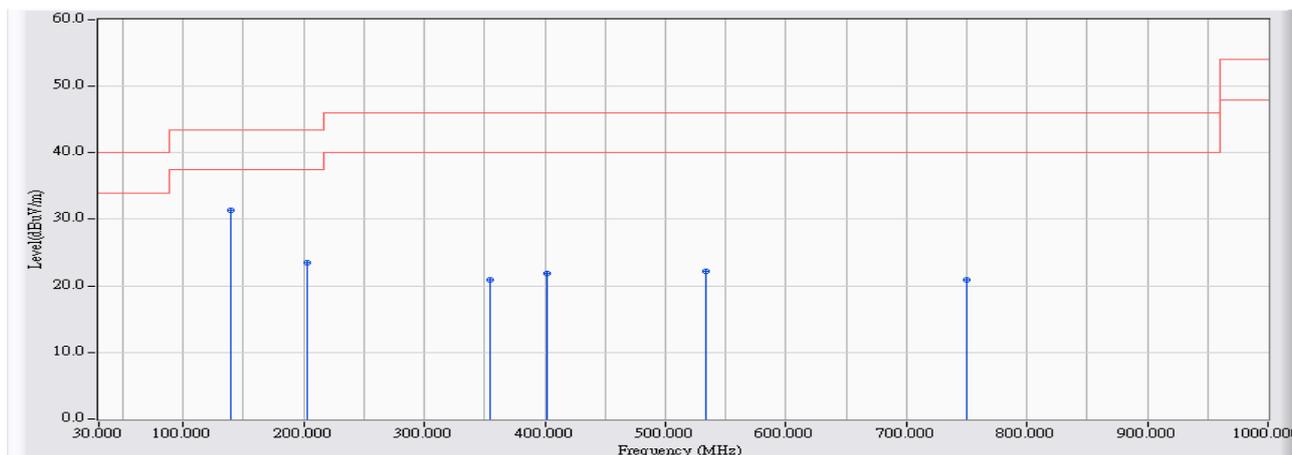


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.570	-22.739	54.192	31.453	-12.047	43.500	QUASPEAK
2		191.020	-24.792	53.791	28.999	-14.501	43.500	QUASPEAK
3		353.980	-18.697	39.764	21.067	-24.933	46.000	QUASPEAK
4		388.900	-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 : CB1	Time : 2013/10/22 - 13:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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-802.11n(40M)_2437MHz

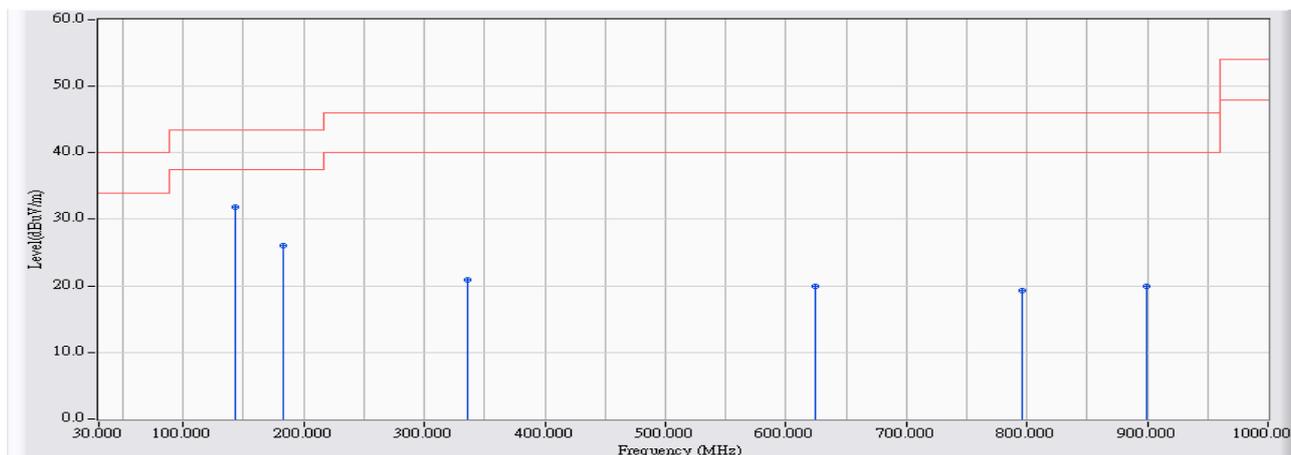


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	139.610	-22.855	54.300	31.445	-12.055	43.500	QUASPEAK
2		202.660	-24.632	48.173	23.541	-19.959	43.500	QUASPEAK
3		353.980	-18.697	39.604	20.907	-25.093	46.000	QUASPEAK
4		401.510	-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 : CB1	Time : 2013/10/22 - 14:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11b_2437MHz

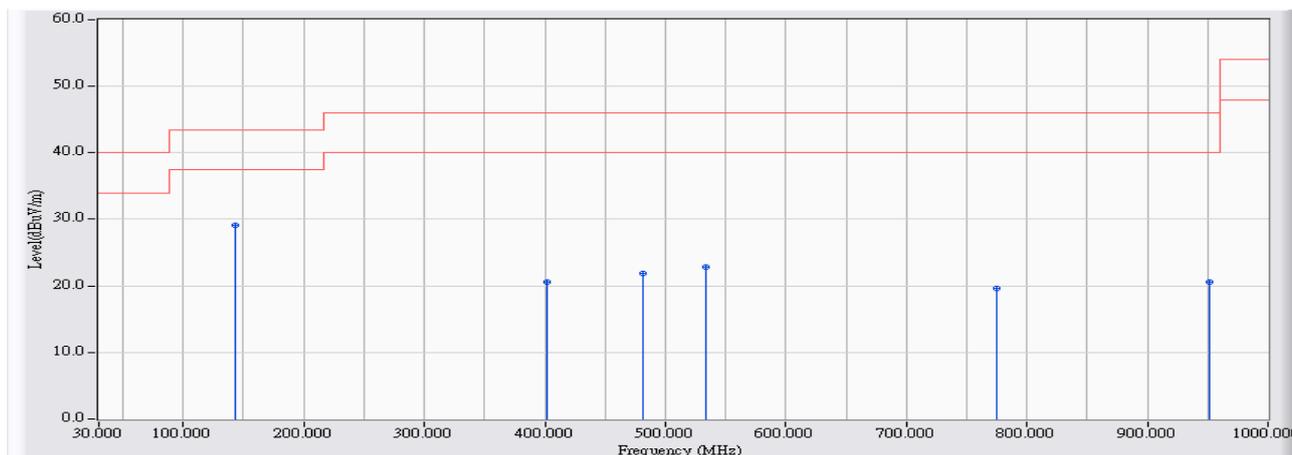


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.845	31.803	-11.697	43.500	QUASPEAK
2		183.260	-24.755	50.769	26.014	-17.486	43.500	QUASPEAK
3		336.520	-19.134	40.112	20.978	-25.022	46.000	QUASPEAK
4		624.610	-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 : CB1	Time : 2013/10/22 - 14:42
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11b_2437MHz

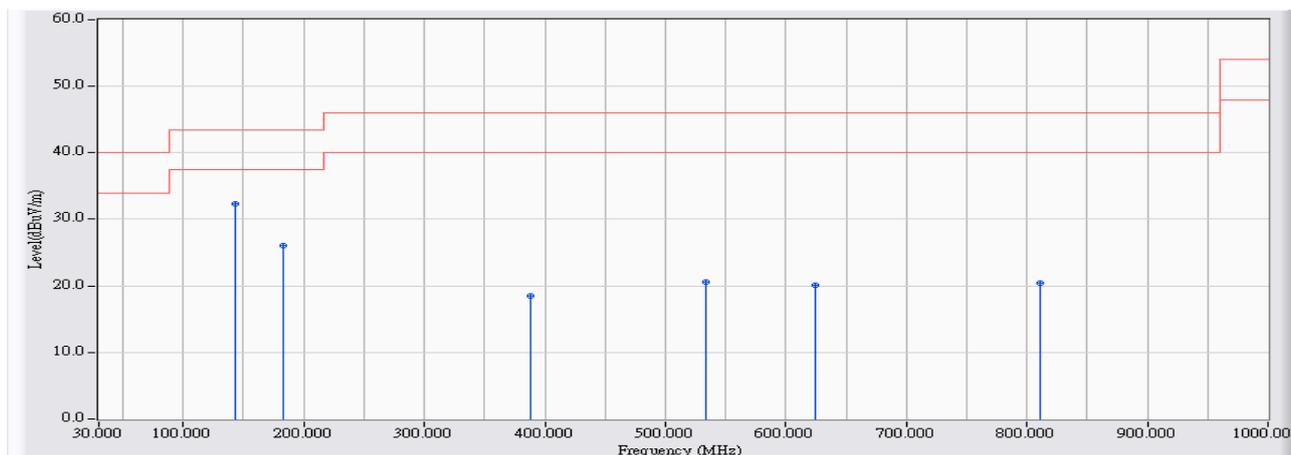


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	52.225	29.183	-14.317	43.500	QUASPEAK
2		401.510	-17.516	38.111	20.595	-25.405	46.000	QUASPEAK
3		482.020	-15.963	37.829	21.865	-24.135	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 14:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11g_2437MHz

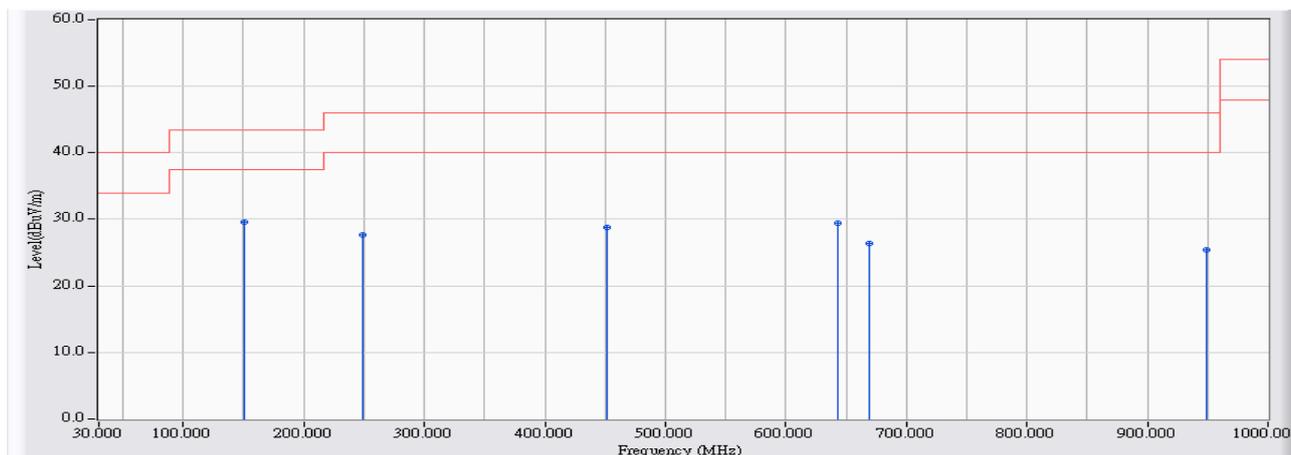


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.439	32.397	-11.103	43.500	QUASPEAK
2		183.260	-24.755	50.862	26.107	-17.393	43.500	QUASPEAK
3		387.930	-17.847	36.424	18.577	-27.423	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 14:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power :
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11g_2437MHz

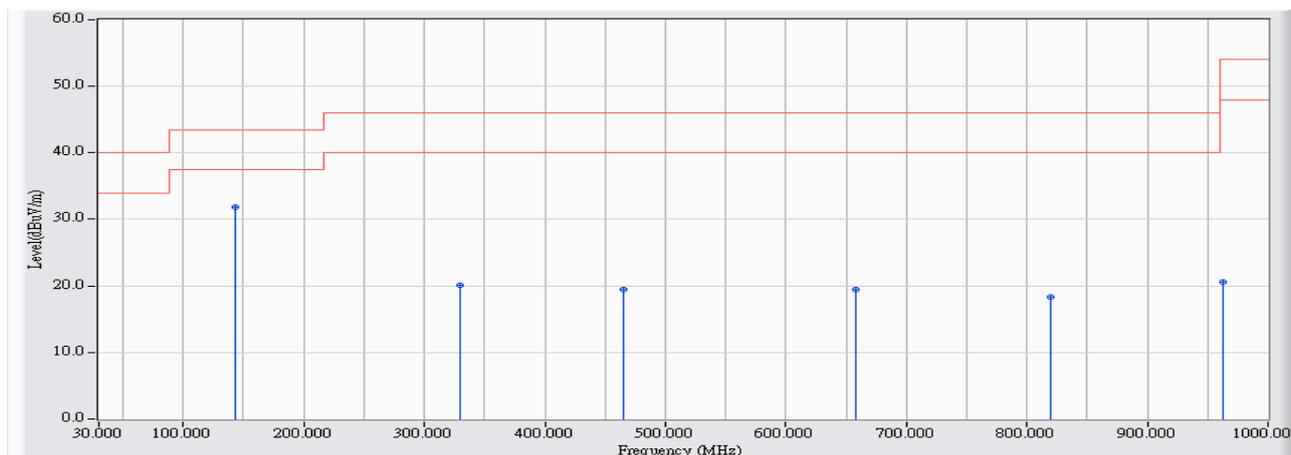


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	150.280	-23.379	53.022	29.642	-13.858	43.500	QUASPEAK
2		249.220	-21.077	48.765	27.689	-18.311	46.000	QUASPEAK
3		450.980	-16.562	45.305	28.743	-17.257	46.000	QUASPEAK
4		643.040	-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 : CB1	Time : 2013/10/22 - 14:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(20M)_2437MHz

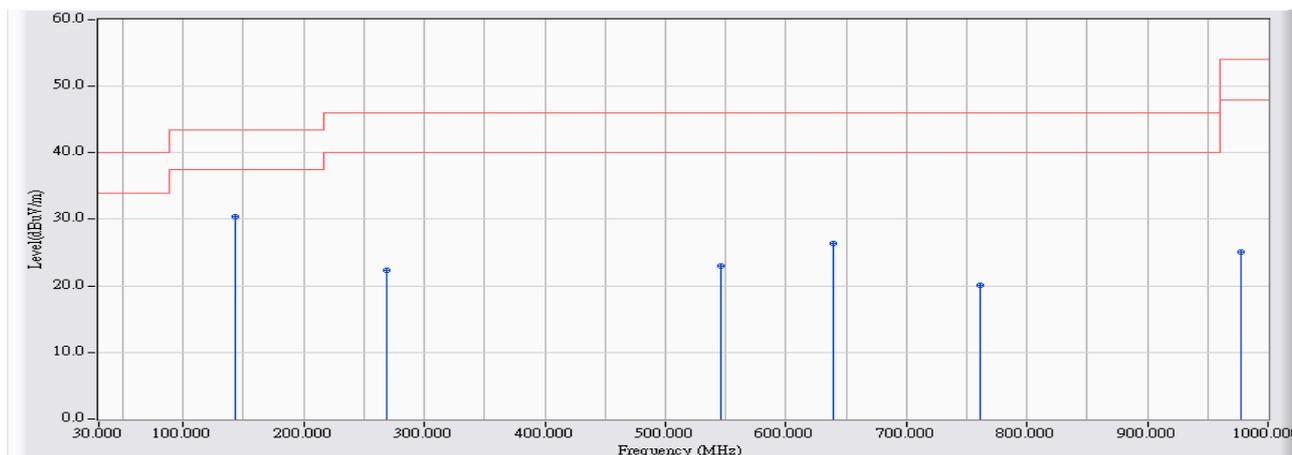


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.962	31.920	-11.580	43.500	QUASPEAK
2		329.730	-19.304	39.423	20.119	-25.881	46.000	QUASPEAK
3		465.530	-16.282	35.682	19.400	-26.600	46.000	QUASPEAK
4		657.590	-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 : CB1	Time : 2013/10/22 - 14:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(20M)_2437MHz

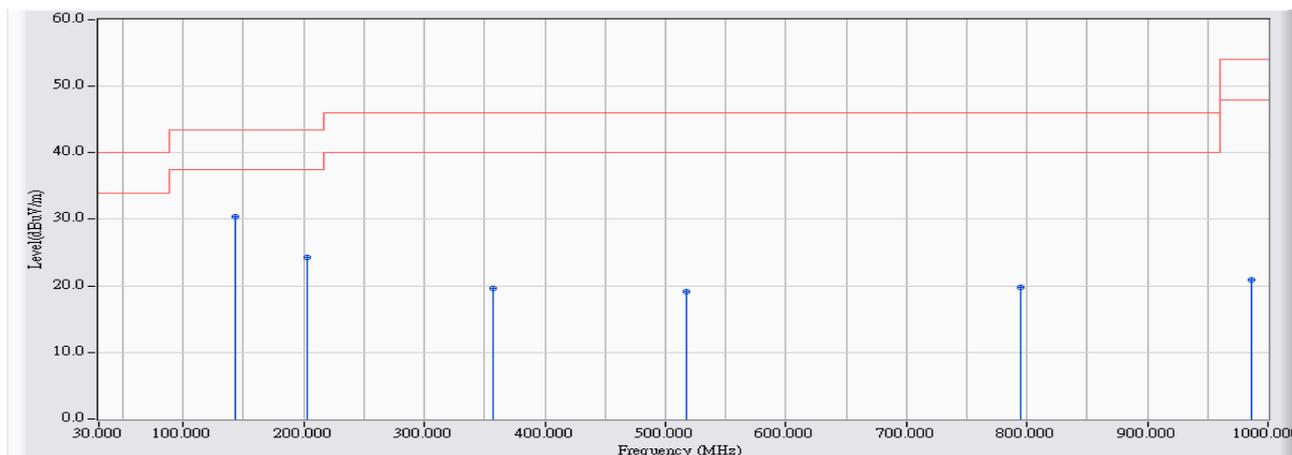


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.448	30.406	-13.094	43.500	QUASPEAK
2		268.620	-20.656	43.049	22.393	-23.607	46.000	QUASPEAK
3		546.040	-15.571	38.495	22.924	-23.076	46.000	QUASPEAK
4		639.160	-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 : CB1	Time : 2013/10/22 - 14:49
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(40M)_2437MHz

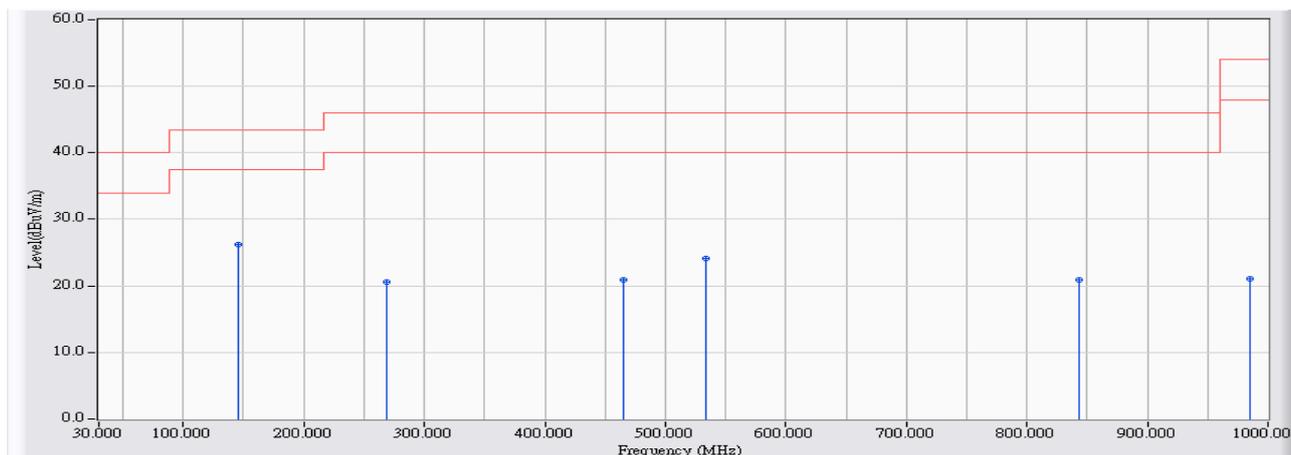


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.386	30.344	-13.156	43.500	QUASPEAK
2		202.660	-24.632	48.973	24.341	-19.159	43.500	QUASPEAK
3		356.890	-18.625	38.217	19.593	-26.407	46.000	QUASPEAK
4		517.910	-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 : CB1	Time : 2013/10/22 - 14:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(40M)_2437MHz

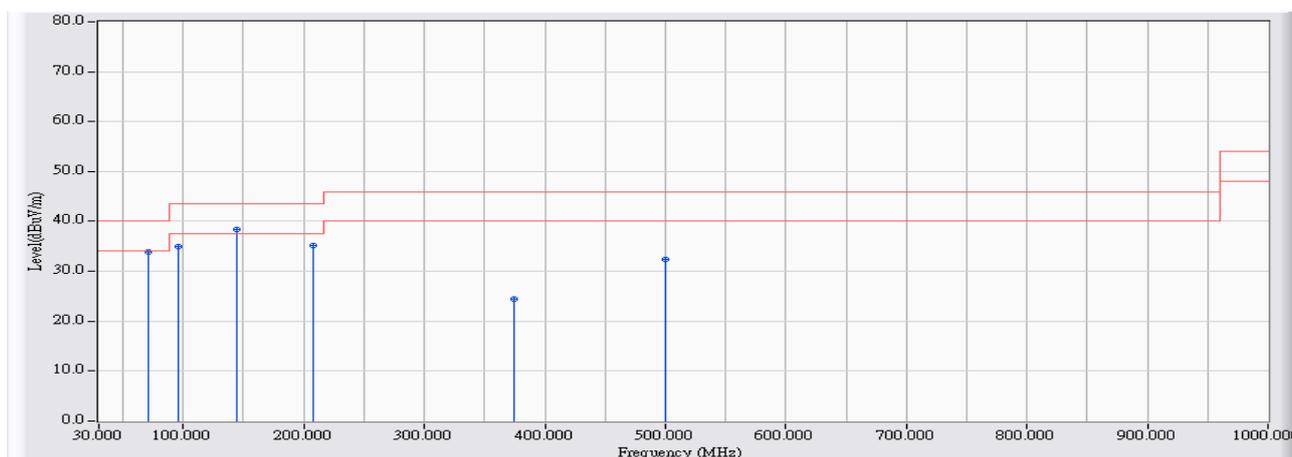


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	145.430	-23.139	49.279	26.141	-17.359	43.500	QUASPEAK
2		268.620	-20.656	41.201	20.545	-25.455	46.000	QUASPEAK
3		465.530	-16.282	37.237	20.955	-25.045	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2014/07/10 - 10:04
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11b_2437MHz

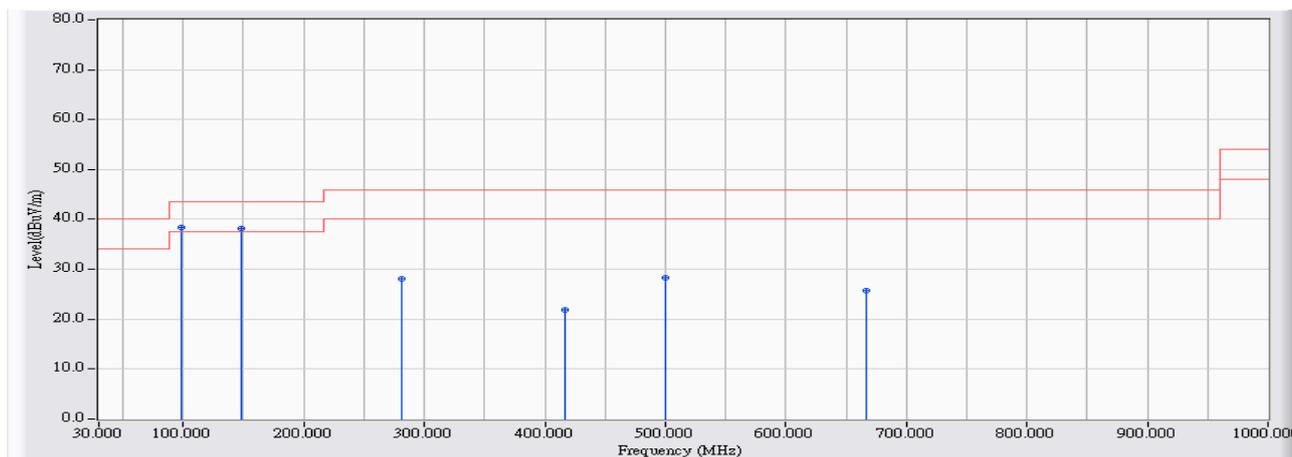


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.503	-25.311	59.109	33.798	-6.202	40.000	QUASIPeAK
2	96.504	-21.332	56.204	34.872	-8.628	43.500	QUASIPeAK
3	* 144.000	-16.807	55.276	38.469	-5.031	43.500	QUASIPeAK
4	207.503	-21.078	56.330	35.252	-8.248	43.500	QUASIPeAK
5	375.004	-18.009	42.438	24.429	-21.571	46.000	QUASIPeAK
6	499.993	-15.645	47.932	32.287	-13.713	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2014/07/10 - 10:11
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11b_2437MHz

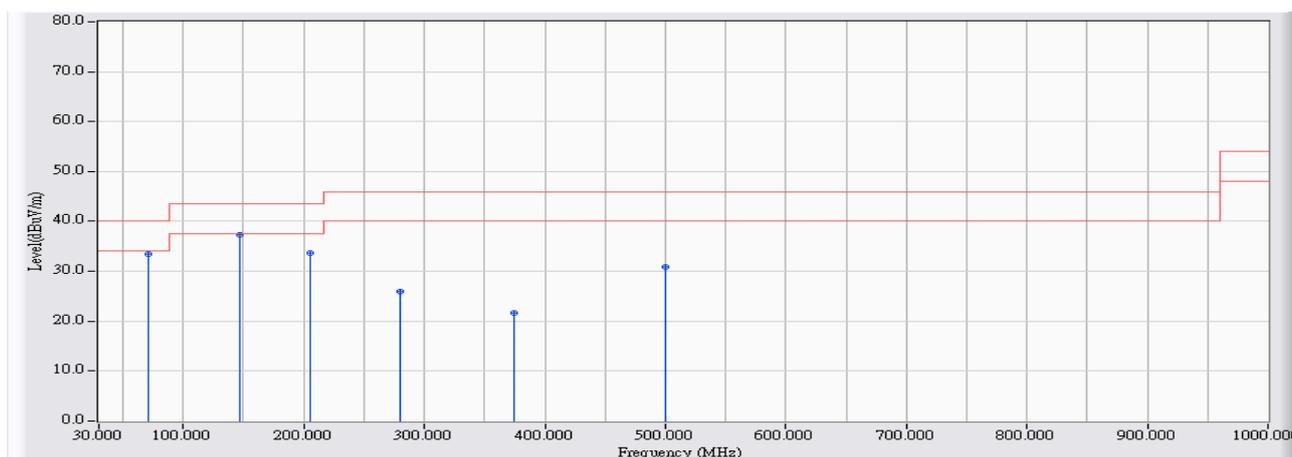


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	99.002	-21.142	59.595	38.453	-5.047	43.500	QUASPEAK
2		148.501	-16.031	54.176	38.145	-5.355	43.500	QUASPEAK
3		281.500	-20.155	48.166	28.011	-17.989	46.000	QUASPEAK
4		416.992	-17.031	38.890	21.859	-24.141	46.000	QUASPEAK
5		499.994	-15.645	43.855	28.210	-17.790	46.000	QUASPEAK
6		666.500	-12.893	38.680	25.787	-20.213	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 : CB1	Time : 2014/07/10 - 10:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11g_2437MHz

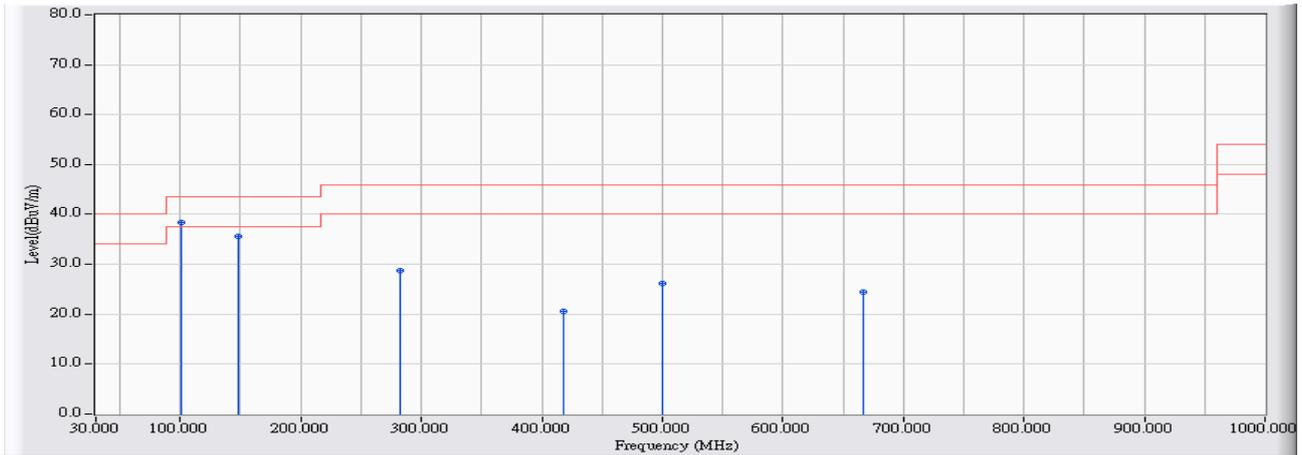


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.994	-25.280	58.823	33.543	-6.457	40.000	QUASPEAK
2	* 146.502	-16.376	53.707	37.331	-6.169	43.500	QUASPEAK
3	205.492	-21.053	54.817	33.764	-9.736	43.500	QUASPEAK
4	279.492	-20.206	46.233	26.027	-19.973	46.000	QUASPEAK
5	374.990	-18.009	39.591	21.582	-24.418	46.000	QUASPEAK
6	499.994	-15.645	46.616	30.971	-15.029	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 : CB1	Time : 2014/07/10 - 10:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power :
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11g_2437MHz

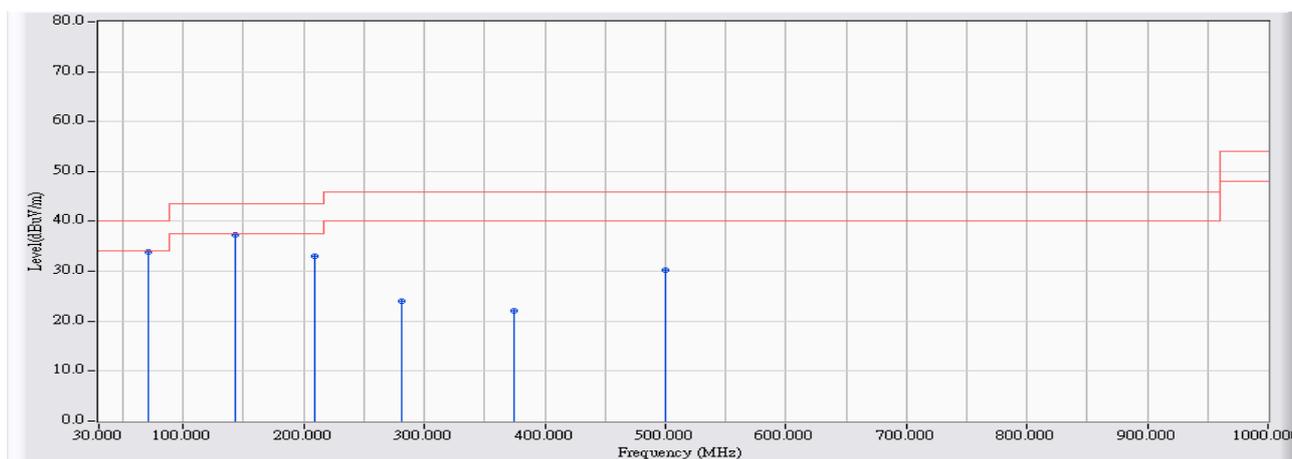


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	100.993	-21.060	59.510	38.450	-5.050	43.500	QUASPEAK
2		147.991	-16.116	51.805	35.689	-7.811	43.500	QUASPEAK
3		282.502	-20.130	48.795	28.665	-17.335	46.000	QUASPEAK
4		417.994	-17.007	37.583	20.576	-25.424	46.000	QUASPEAK
5		500.003	-15.645	41.764	26.119	-19.881	46.000	QUASPEAK
6		666.494	-12.893	37.428	24.535	-21.465	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 : CB1	Time : 2014/07/10 - 10:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_2437MHz

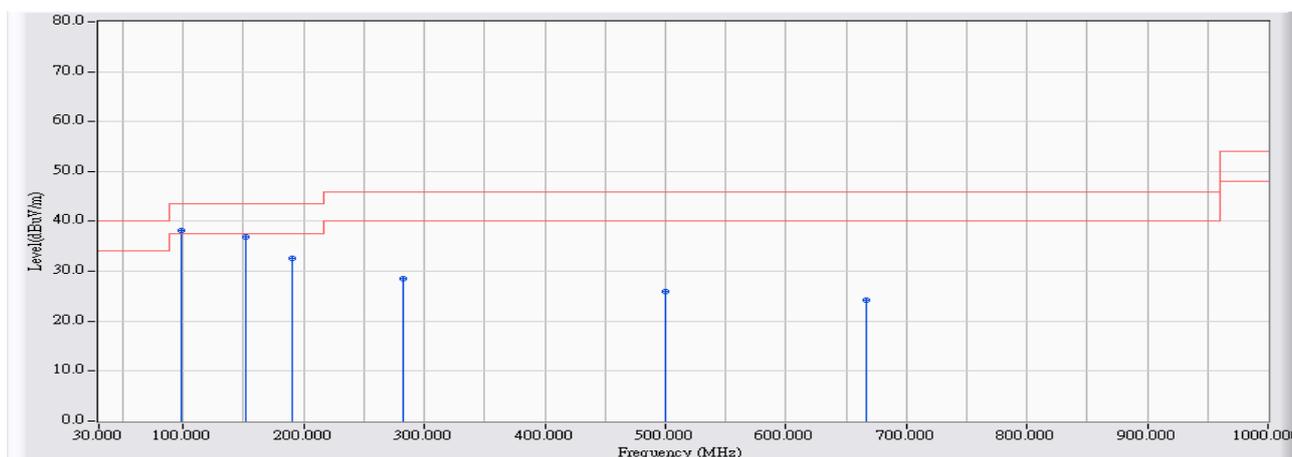


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.993	-25.280	59.219	33.939	-6.061	40.000	QUASPEAK
2		143.502	-16.893	54.178	37.285	-6.215	43.500	QUASPEAK
3		208.991	-21.097	54.039	32.942	-10.558	43.500	QUASPEAK
4		280.991	-20.166	44.161	23.995	-22.005	46.000	QUASPEAK
5		375.001	-18.009	40.002	21.993	-24.007	46.000	QUASPEAK
6		500.002	-15.645	45.916	30.271	-15.729	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 : CB1	Time : 2014/07/10 - 10:25
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_2437MHz

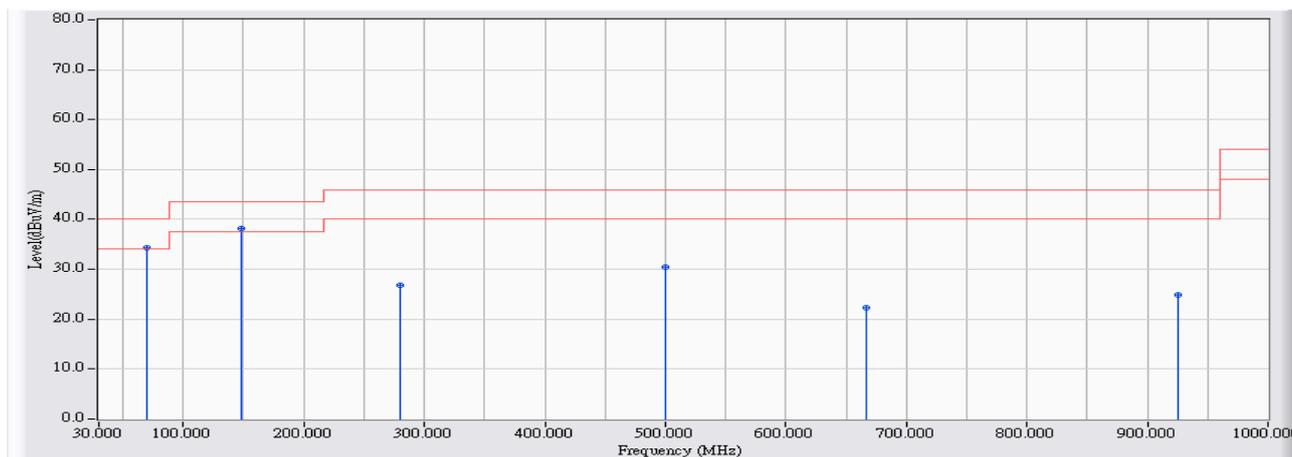


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	99.001	-21.142	59.351	38.209	-5.291	43.500	QUASIPeAK
2		151.492	-15.740	52.575	36.835	-6.665	43.500	QUASIPeAK
3		189.992	-20.686	53.378	32.692	-10.808	43.500	QUASIPeAK
4		283.004	-20.119	48.752	28.633	-17.367	46.000	QUASIPeAK
5		499.995	-15.645	41.590	25.945	-20.055	46.000	QUASIPeAK
6		666.494	-12.893	37.124	24.231	-21.769	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2014/07/10 - 10:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_2437MHz

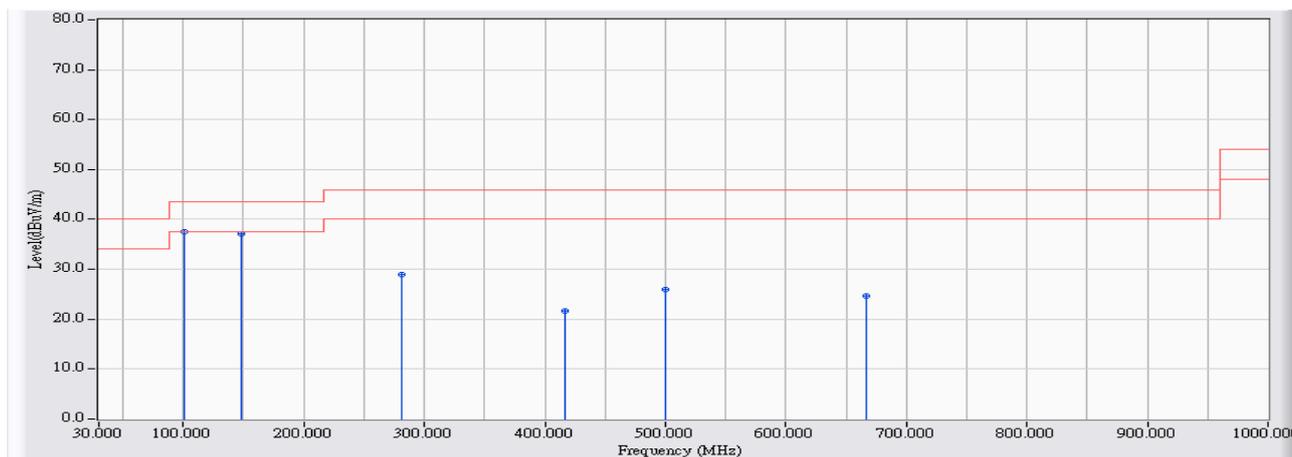


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	69.992	-25.316	59.684	34.368	-5.632	40.000	QUASPEAK
2	*	148.492	-16.031	54.205	38.174	-5.326	43.500	QUASPEAK
3		280.503	-20.178	46.939	26.761	-19.239	46.000	QUASPEAK
4		499.995	-15.645	45.998	30.353	-15.647	46.000	QUASPEAK
5		666.492	-12.893	35.270	22.377	-23.623	46.000	QUASPEAK
6		926.004	-9.899	34.858	24.959	-21.041	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 : CB1	Time : 2014/07/10 - 10:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_2437MHz

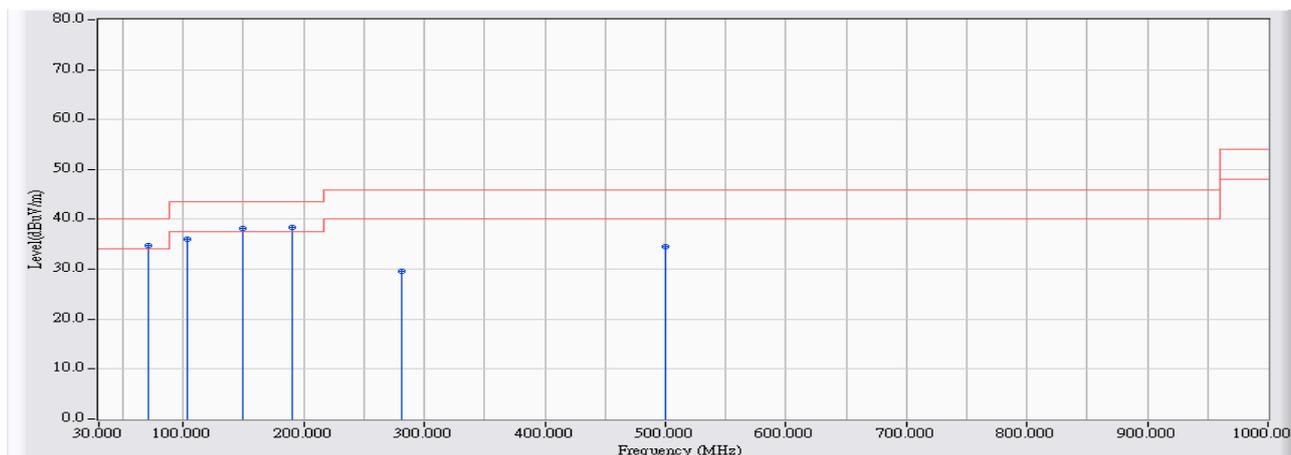


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	100.505	-21.066	58.540	37.474	-6.026	43.500	QUASIPeAK
2		148.494	-16.031	53.046	37.015	-6.485	43.500	QUASIPeAK
3		281.500	-20.155	49.009	28.854	-17.146	46.000	QUASIPeAK
4		416.992	-17.031	38.614	21.583	-24.417	46.000	QUASIPeAK
5		499.992	-15.645	41.602	25.957	-20.043	46.000	QUASIPeAK
6		666.505	-12.893	37.575	24.682	-21.318	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2014/07/06 - 17:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

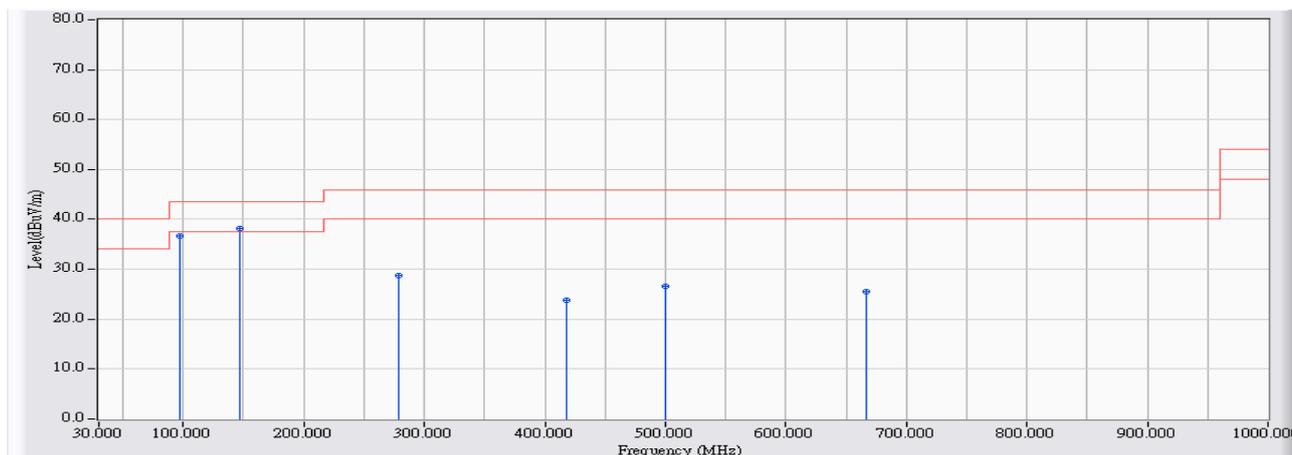


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	71.000	-25.280	60.069	34.789	-5.211	40.000	QUASIPeAK
2	103.500	-21.051	56.979	35.929	-7.571	43.500	QUASIPeAK
3	149.500	-15.866	54.006	38.140	-5.360	43.500	QUASIPeAK
4	* 191.000	-20.721	59.032	38.311	-5.189	43.500	QUASIPeAK
5	281.000	-20.166	49.824	29.658	-16.342	46.000	QUASIPeAK
6	500.000	-15.645	50.176	34.530	-11.470	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2014/07/06 - 17:13
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

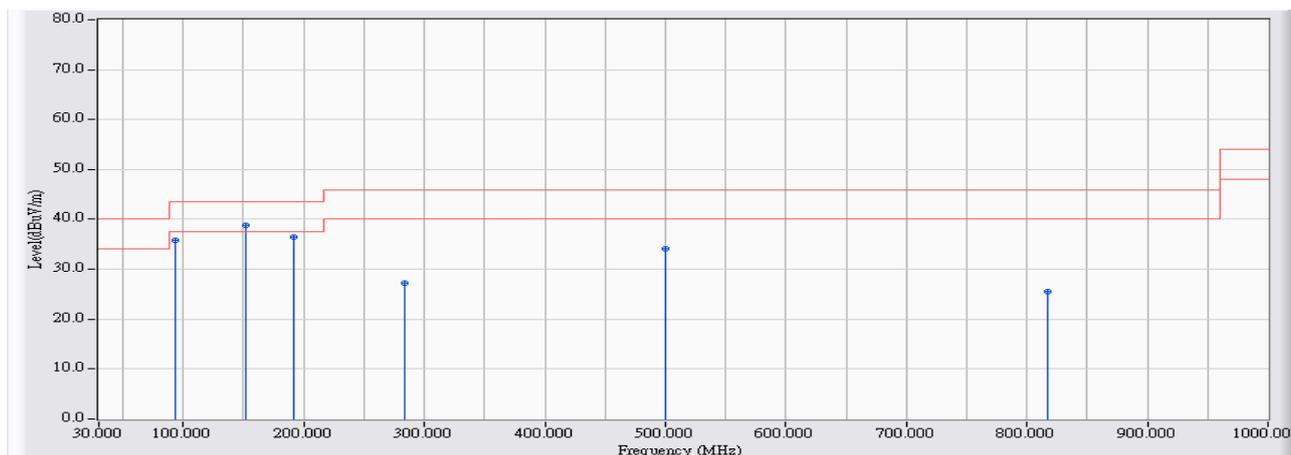


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	97.500	-21.256	57.923	36.667	-6.833	43.500	QUASPEAK
2	* 147.500	-16.203	54.298	38.095	-5.405	43.500	QUASPEAK
3	278.500	-20.237	49.009	28.772	-17.228	46.000	QUASPEAK
4	417.500	-17.019	40.731	23.712	-22.288	46.000	QUASPEAK
5	500.000	-15.645	42.328	26.682	-19.318	46.000	QUASPEAK
6	666.500	-12.893	38.501	25.608	-20.392	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 : CB1	Time : 2014/07/06 - 17:25
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785MHz

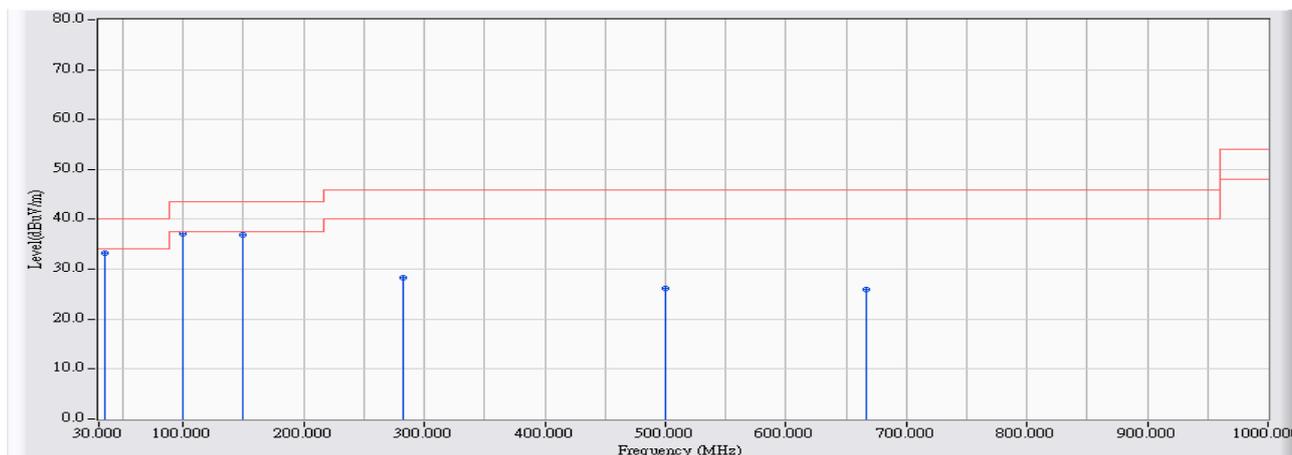


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	94.000	-21.520	57.411	35.891	-7.609	43.500	QUASPEAK
2	* 151.500	-15.740	54.614	38.874	-4.626	43.500	QUASPEAK
3	192.000	-20.751	57.177	36.426	-7.074	43.500	QUASPEAK
4	284.000	-20.095	47.412	27.317	-18.683	46.000	QUASPEAK
5	500.000	-15.645	49.707	34.061	-11.939	46.000	QUASPEAK
6	817.000	-11.084	36.504	25.420	-20.580	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 : CB1	Time : 2014/07/06 - 17:27
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785MHz

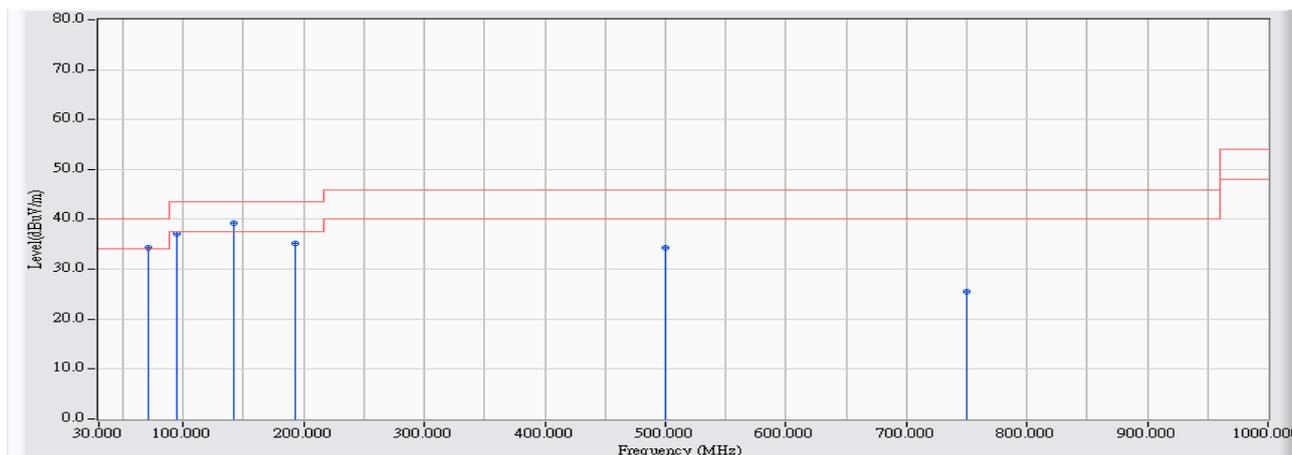


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	35.000	-21.359	54.531	33.172	-6.828	40.000	QUASPEAK
2	* 99.500	-21.105	58.253	37.148	-6.352	43.500	QUASPEAK
3	149.500	-15.866	52.665	36.799	-6.701	43.500	QUASPEAK
4	282.500	-20.130	48.447	28.317	-17.683	46.000	QUASPEAK
5	500.000	-15.645	41.876	26.230	-19.770	46.000	QUASPEAK
6	666.500	-12.893	38.801	25.908	-20.092	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 : CB1	Time : 2014/07/06 - 17:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

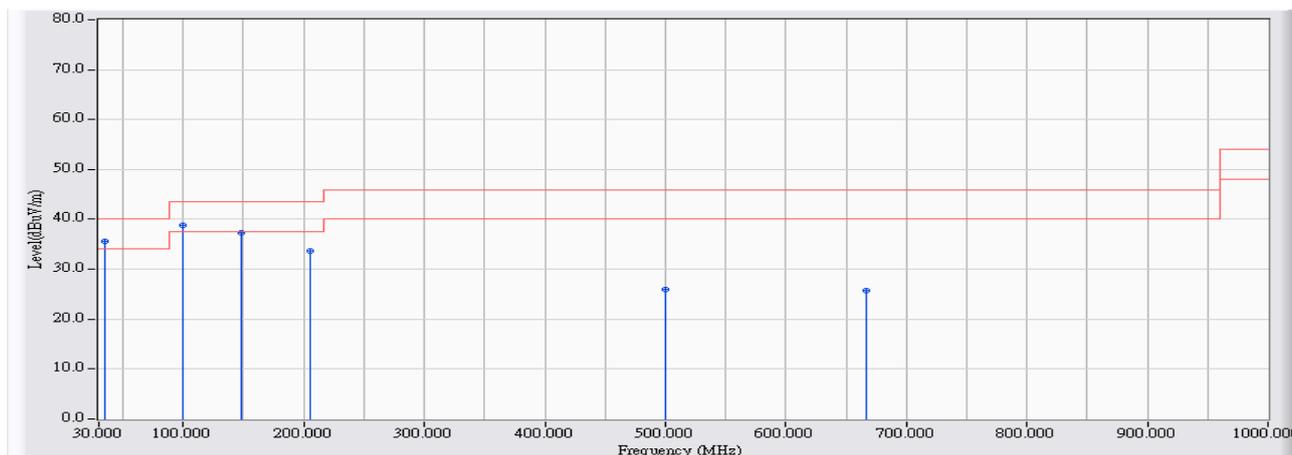


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.500	-25.311	59.618	34.307	-5.693	40.000	QUASPEAK
2	95.000	-21.444	58.514	37.070	-6.430	43.500	QUASPEAK
3	* 141.500	-17.238	56.525	39.286	-4.214	43.500	QUASPEAK
4	193.000	-20.780	56.022	35.242	-8.258	43.500	QUASPEAK
5	500.000	-15.645	49.993	34.347	-11.653	46.000	QUASPEAK
6	750.000	-11.857	37.424	25.567	-20.433	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 : CB1	Time : 2014/07/06 - 17:32
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

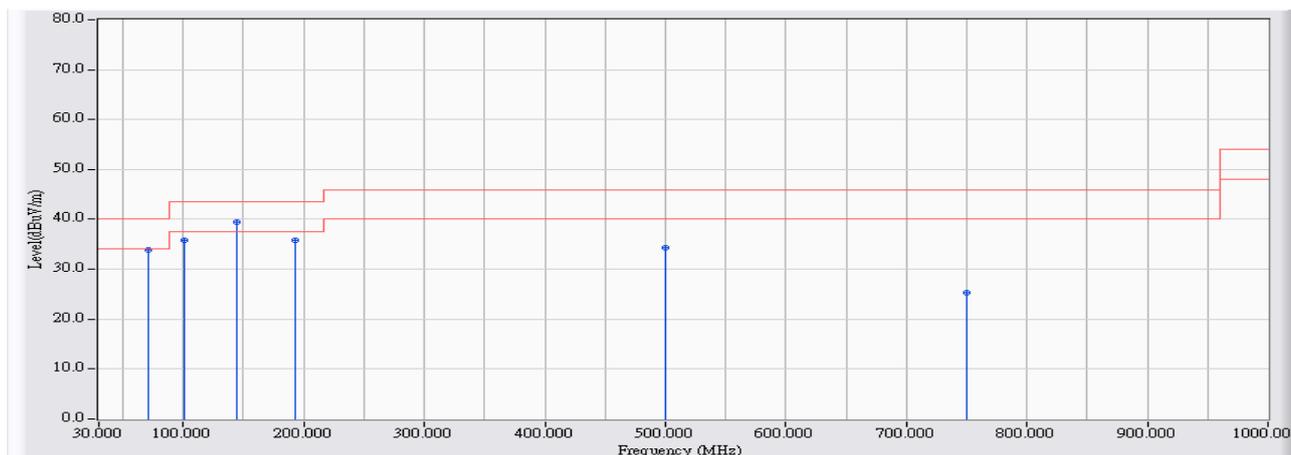


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	35.000	-21.359	57.047	35.688	-4.312	40.000	QUASPEAK
2		100.000	-21.075	59.792	38.717	-4.783	43.500	QUASPEAK
3		148.500	-16.031	53.326	37.296	-6.204	43.500	QUASPEAK
4		205.500	-21.053	54.716	33.663	-9.837	43.500	QUASPEAK
5		500.000	-15.645	41.663	26.017	-19.983	46.000	QUASPEAK
6		666.500	-12.893	38.688	25.795	-20.205	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 : CB1	Time : 2014/07/06 - 17:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5775MHz

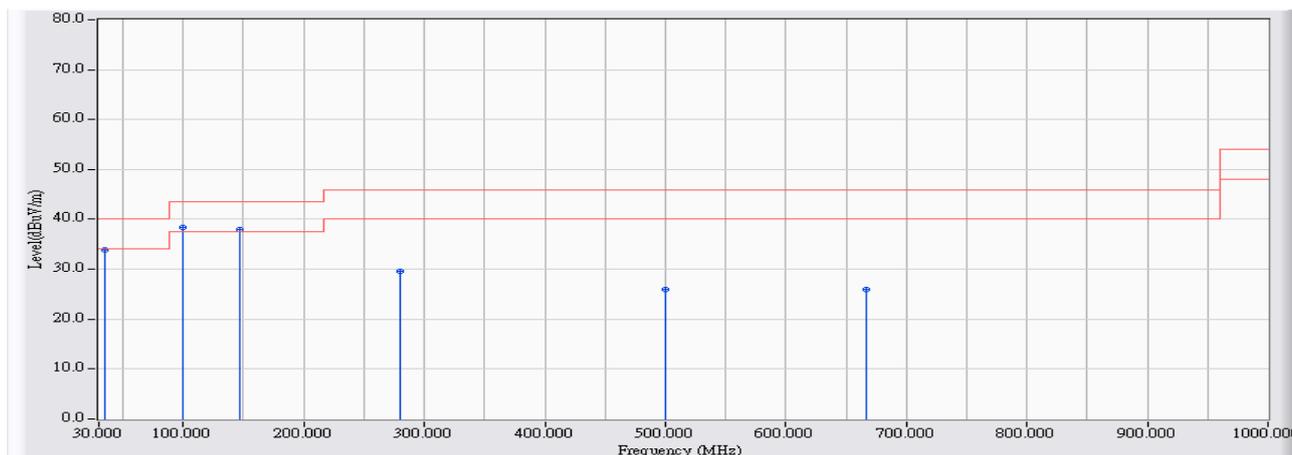


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.500	-25.311	59.266	33.955	-6.045	40.000	QUASPEAK
2	100.500	-21.066	56.900	35.834	-7.666	43.500	QUASPEAK
3	* 145.000	-16.635	56.118	39.484	-4.016	43.500	QUASPEAK
4	192.500	-20.765	56.495	35.730	-7.770	43.500	QUASPEAK
5	500.000	-15.645	49.907	34.261	-11.739	46.000	QUASPEAK
6	750.000	-11.857	37.133	25.276	-20.724	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 : CB1	Time : 2014/07/06 - 17:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5775MHz

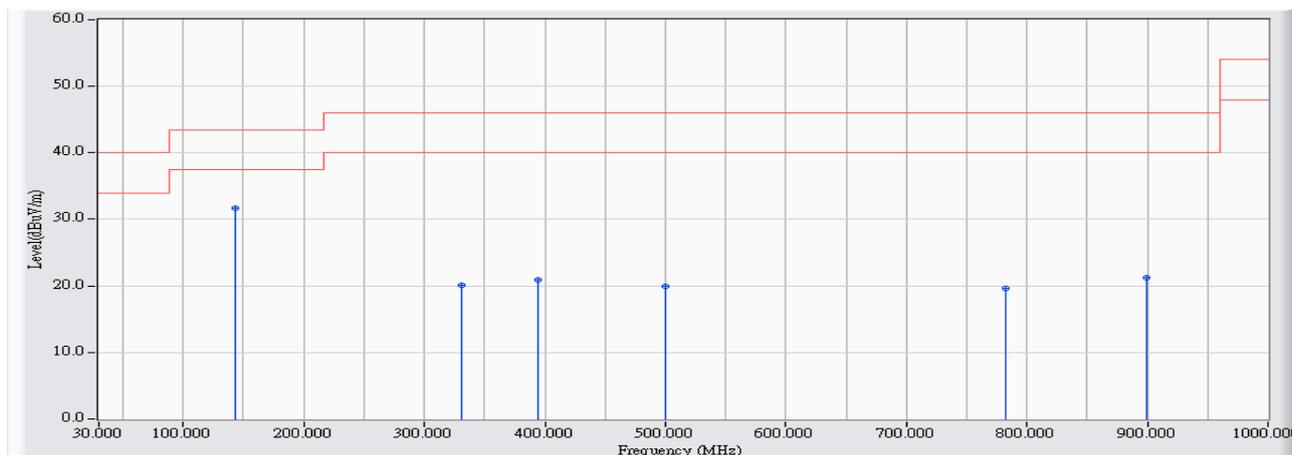


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	34.500	-21.395	55.294	33.899	-6.101	40.000	QUASPEAK
2	* 99.500	-21.105	59.601	38.496	-5.004	43.500	QUASPEAK
3	146.500	-16.376	54.420	38.045	-5.455	43.500	QUASPEAK
4	279.500	-20.206	49.810	29.604	-16.396	46.000	QUASPEAK
5	500.000	-15.645	41.516	25.870	-20.130	46.000	QUASPEAK
6	666.500	-12.893	38.863	25.970	-20.030	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 : CB1	Time : 2013/10/22 - 15:06
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11a_5785MHz

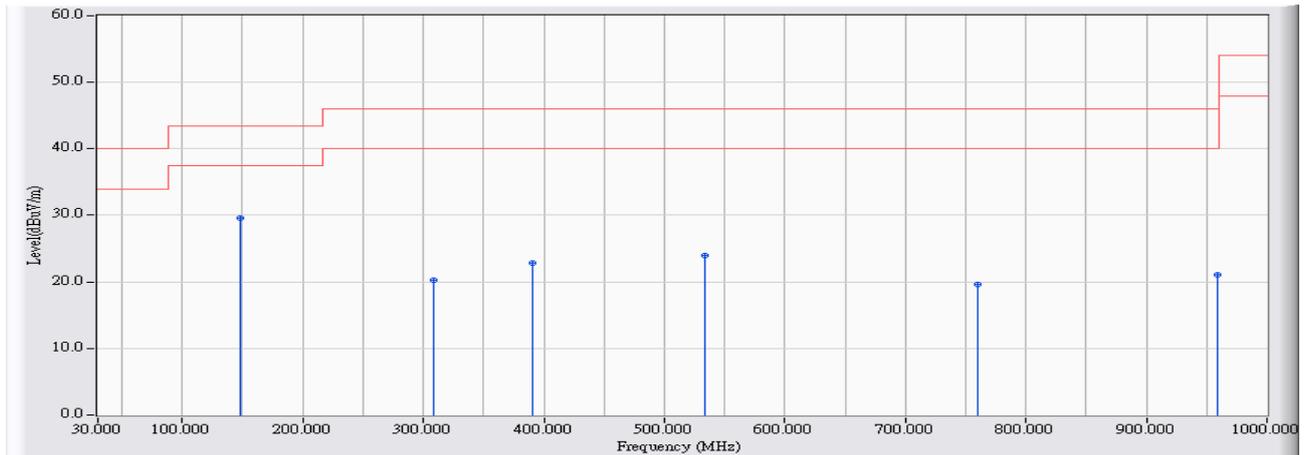


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.727	31.685	-11.815	43.500	QUASPEAK
2		330.700	-19.279	39.324	20.044	-25.956	46.000	QUASPEAK
3		393.750	-17.702	38.620	20.918	-25.082	46.000	QUASPEAK
4		500.450	-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 : CB1	Time : 2013/10/22 - 15:08
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11a_5785MHz

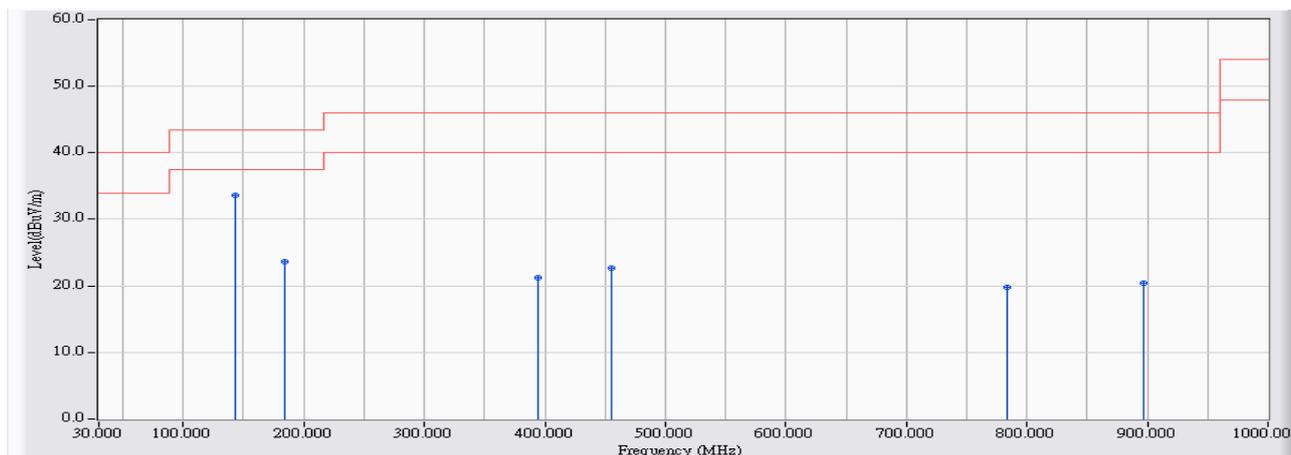


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	148.340	-23.284	52.888	29.605	-13.895	43.500	QUASPEAK
2		308.390	-19.839	40.169	20.331	-25.669	46.000	QUASPEAK
3		390.840	-17.775	40.614	22.839	-23.161	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 15:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(20M)_5785MHz

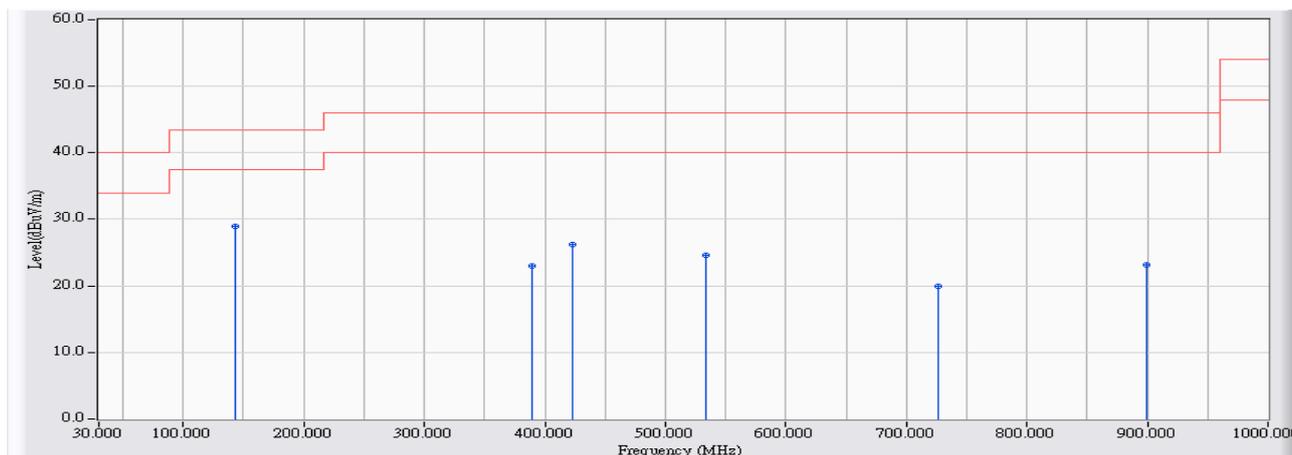


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	56.733	33.691	-9.809	43.500	QUASPEAK
2		184.230	-24.760	48.432	23.672	-19.828	43.500	QUASPEAK
3		393.750	-17.702	38.874	21.172	-24.828	46.000	QUASPEAK
4		455.830	-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 : CB1	Time : 2013/10/22 - 15:11
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(20M)_5785MHz

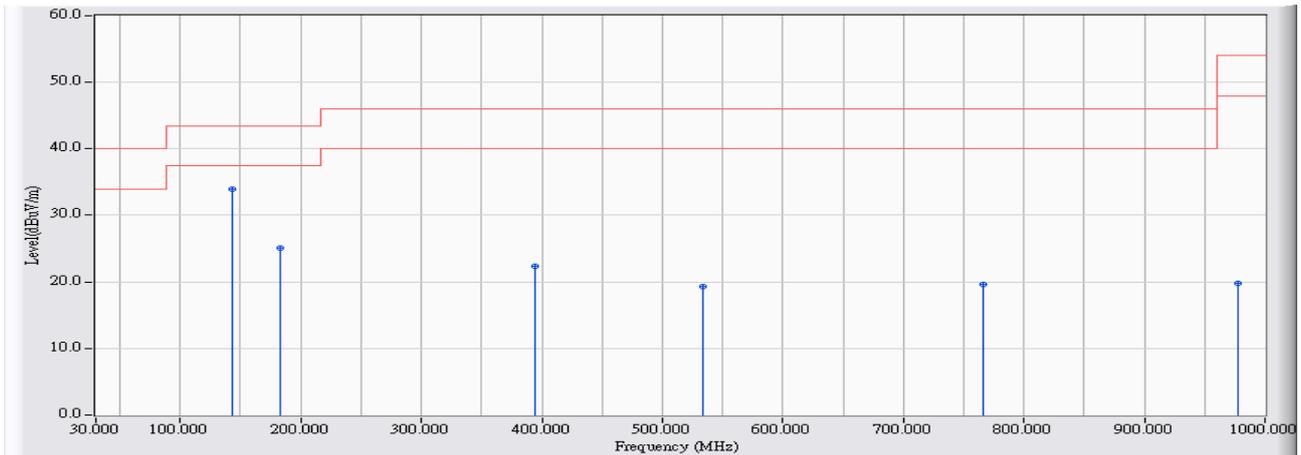


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	51.945	28.903	-14.597	43.500	QUASPEAK
2		388.900	-17.823	40.805	22.982	-23.018	46.000	QUASPEAK
3		422.850	-17.106	43.272	26.167	-19.833	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 15:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(40M)_5755MHz

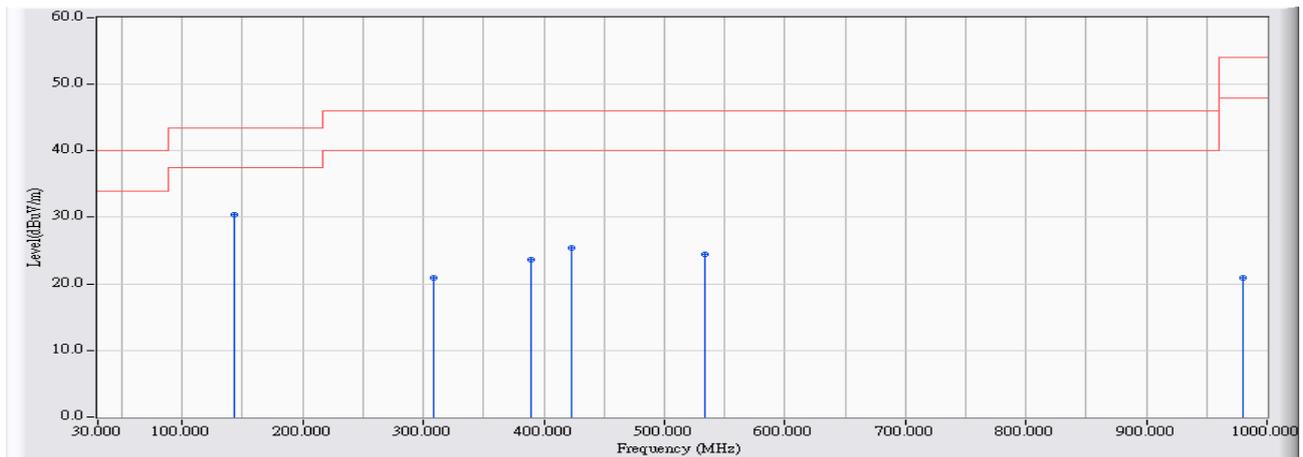


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	56.948	33.906	-9.594	43.500	QUASPEAK
2		183.260	-24.755	49.883	25.128	-18.372	43.500	QUASPEAK
3		393.750	-17.702	40.099	22.397	-23.603	46.000	QUASPEAK
4		533.430	-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 : CB1	Time : 2013/10/22 - 15:15
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11n(40M)_5755MHz

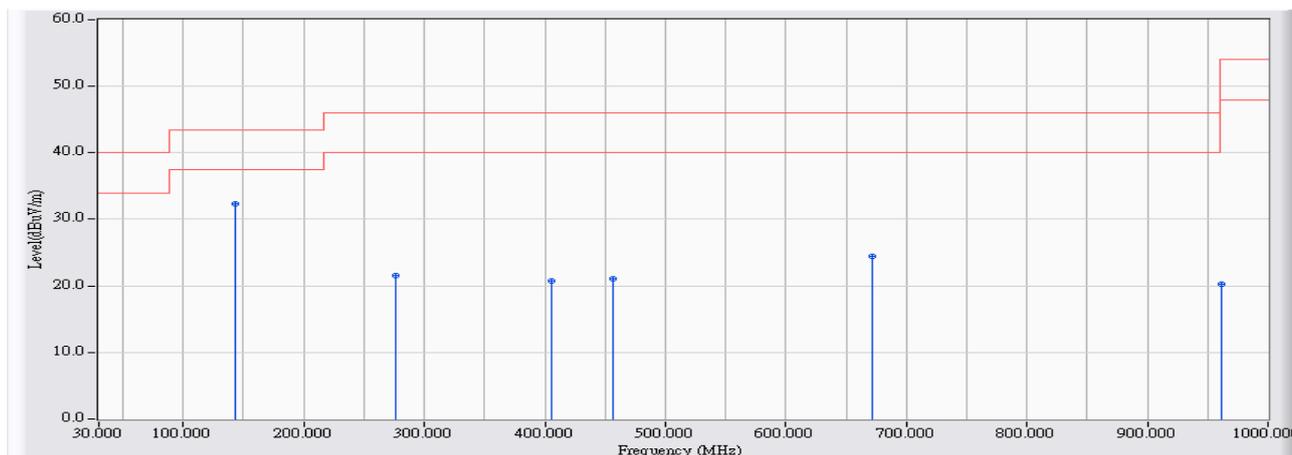


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.445	30.403	-13.097	43.500	QUASPEAK
2		308.390	-19.839	40.812	20.974	-25.026	46.000	QUASPEAK
3		388.900	-17.823	41.390	23.567	-22.433	46.000	QUASPEAK
4		422.850	-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 : CB1	Time : 2013/10/22 - 15:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11ac(80M)_5775MHz

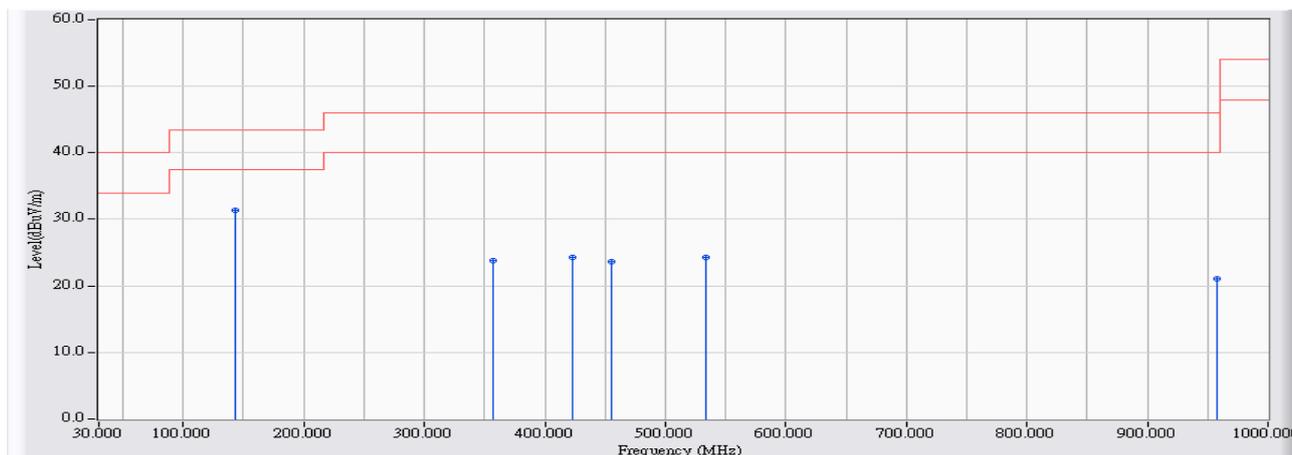


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.375	32.333	-11.167	43.500	QUASPEAK
2		276.380	-20.505	42.017	21.512	-24.488	46.000	QUASPEAK
3		405.390	-17.441	38.184	20.742	-25.258	46.000	QUASPEAK
4		456.800	-16.450	37.575	21.125	-24.875	46.000	QUASPEAK
5		672.140	-15.150	39.661	24.512	-21.488	46.000	QUASPEAK
6		961.200	-12.889	33.087	20.198	-33.802	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 : CB1	Time : 2013/10/22 - 15:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_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: AD890326-802.11ac(80M)_5775MHz

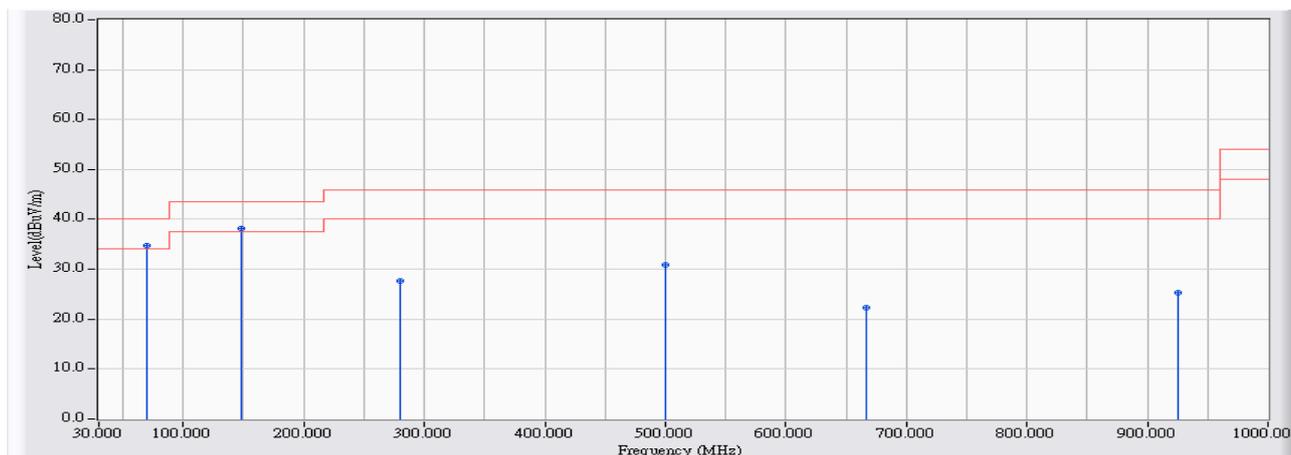


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	54.488	31.446	-12.054	43.500	QUASPEAK
2		356.890	-18.625	42.447	23.823	-22.177	46.000	QUASPEAK
3		422.850	-17.106	41.331	24.226	-21.774	46.000	QUASPEAK
4		455.830	-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.

Site : CB1	Time : 2014/07/06 - 18:15
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11a_5785MHz

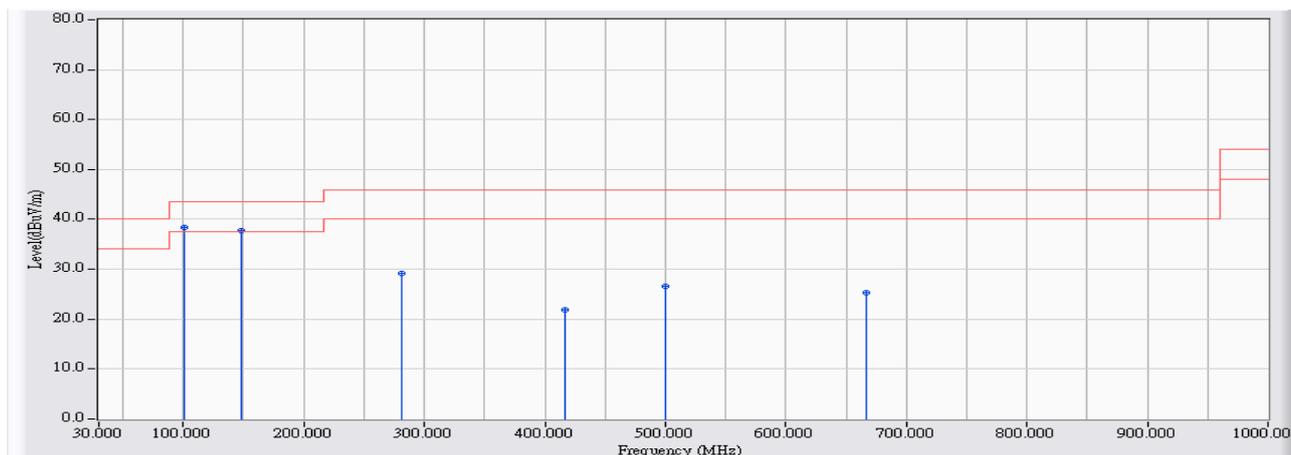


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.000	-25.316	60.124	34.808	-5.192	40.000	QUASPEAK
2		148.500	-16.031	54.254	38.224	-5.276	43.500	QUASPEAK
3		280.500	-20.178	47.762	27.584	-18.416	46.000	QUASPEAK
4		500.000	-15.645	46.453	30.807	-15.193	46.000	QUASPEAK
5		666.500	-12.893	35.271	22.378	-23.622	46.000	QUASPEAK
6		926.000	-9.899	35.169	25.270	-20.730	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 : CB1	Time : 2014/07/06 - 18:22
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11a_5785MHz

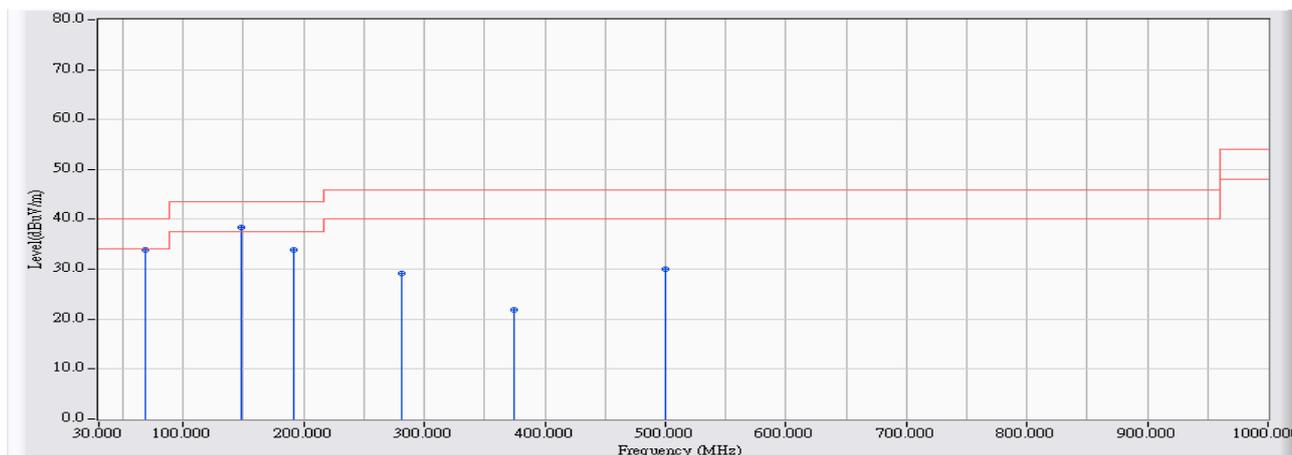


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	100.500	-21.066	59.427	38.361	-5.139	43.500	QUASPEAK
2		148.500	-16.031	53.734	37.704	-5.796	43.500	QUASPEAK
3		281.500	-20.155	49.300	29.146	-16.854	46.000	QUASPEAK
4		417.000	-17.031	38.829	21.798	-24.202	46.000	QUASPEAK
5		500.000	-15.645	42.277	26.631	-19.369	46.000	QUASPEAK
6		666.500	-12.893	38.164	25.271	-20.729	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 : CB1	Time : 2014/07/06 - 18:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_5785MHz

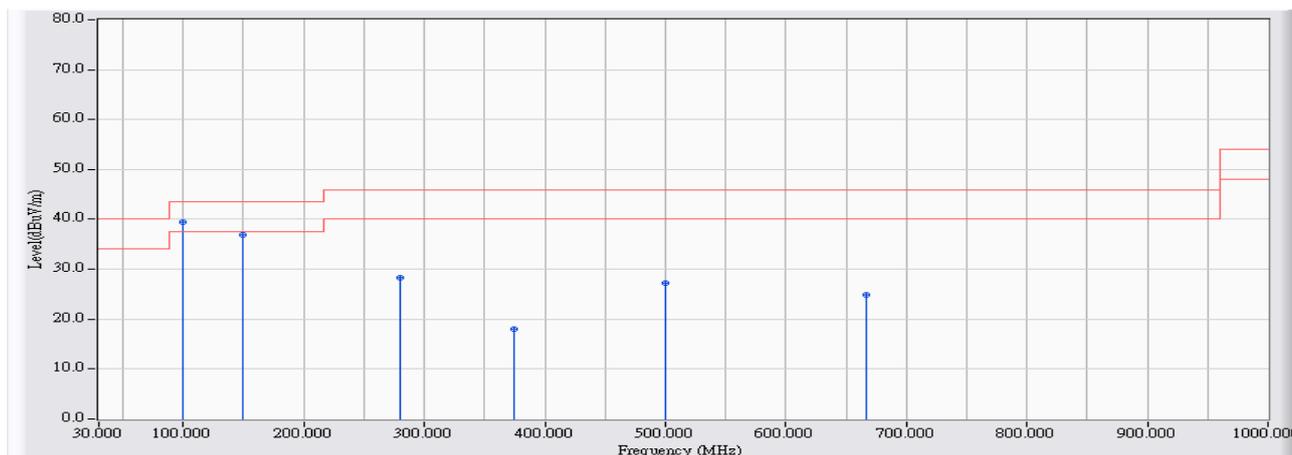


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	69.000	-25.085	58.950	33.865	-6.135	40.000	QUASPEAK
2	* 148.000	-16.116	54.408	38.292	-5.208	43.500	QUASPEAK
3	191.500	-20.736	54.629	33.893	-9.607	43.500	QUASPEAK
4	281.000	-20.166	49.238	29.072	-16.928	46.000	QUASPEAK
5	375.000	-18.009	39.956	21.947	-24.053	46.000	QUASPEAK
6	500.000	-15.645	45.761	30.115	-15.885	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 : CB1	Time : 2014/07/06 - 18:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_5785MHz

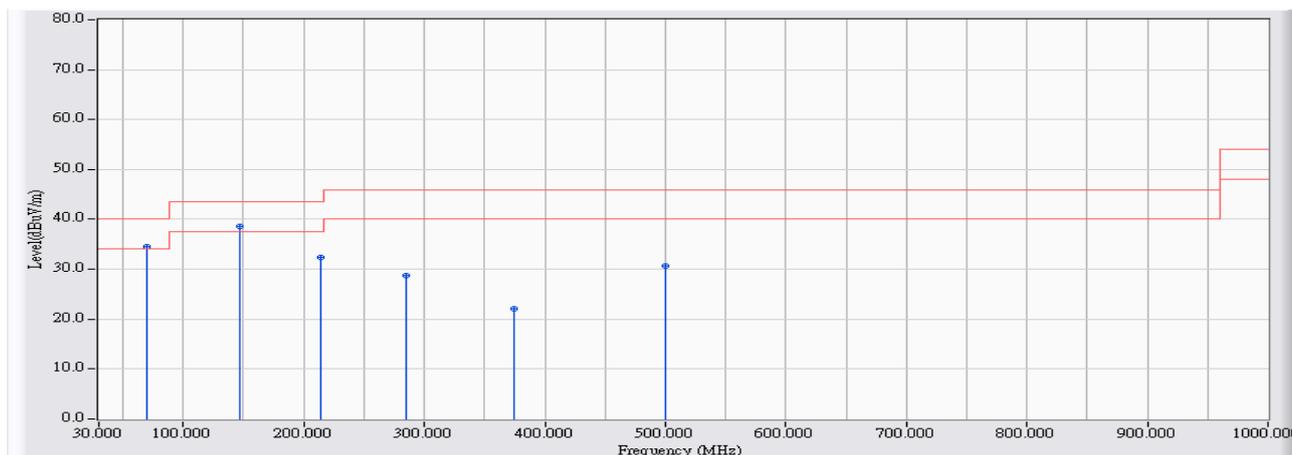


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	100.000	-21.075	60.476	39.401	-4.099	43.500	QUASIPeAK
2		149.500	-15.866	52.807	36.941	-6.559	43.500	QUASIPeAK
3		280.500	-20.178	48.390	28.212	-17.788	46.000	QUASIPeAK
4		375.000	-18.009	35.971	17.962	-28.038	46.000	QUASIPeAK
5		500.000	-15.645	42.808	27.162	-18.838	46.000	QUASIPeAK
6		666.500	-12.893	37.765	24.872	-21.128	46.000	QUASIPeAK

**Note:**

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

Site : CB1	Time : 2014/07/06 - 18:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_5795MHz

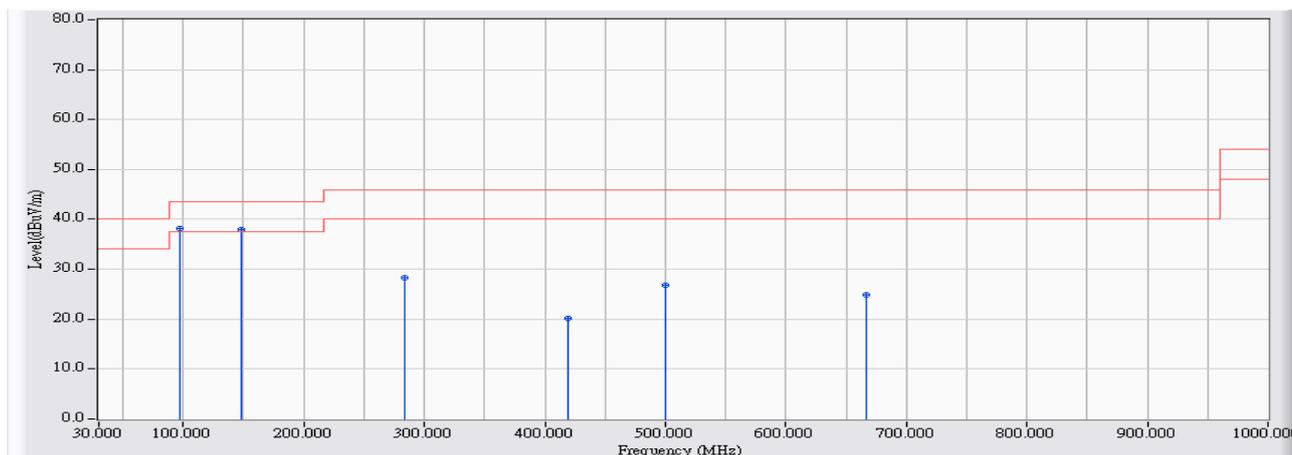


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.000	-25.316	59.836	34.520	-5.480	40.000	QUASPEAK
2	* 146.500	-16.376	55.031	38.656	-4.844	43.500	QUASPEAK
3	214.500	-21.165	53.504	32.339	-11.161	43.500	QUASPEAK
4	285.500	-20.059	48.877	28.817	-17.183	46.000	QUASPEAK
5	375.000	-18.009	40.045	22.036	-23.964	46.000	QUASPEAK
6	500.000	-15.645	46.273	30.627	-15.373	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 : CB1	Time : 2014/07/06 - 18:46
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_5795MHz

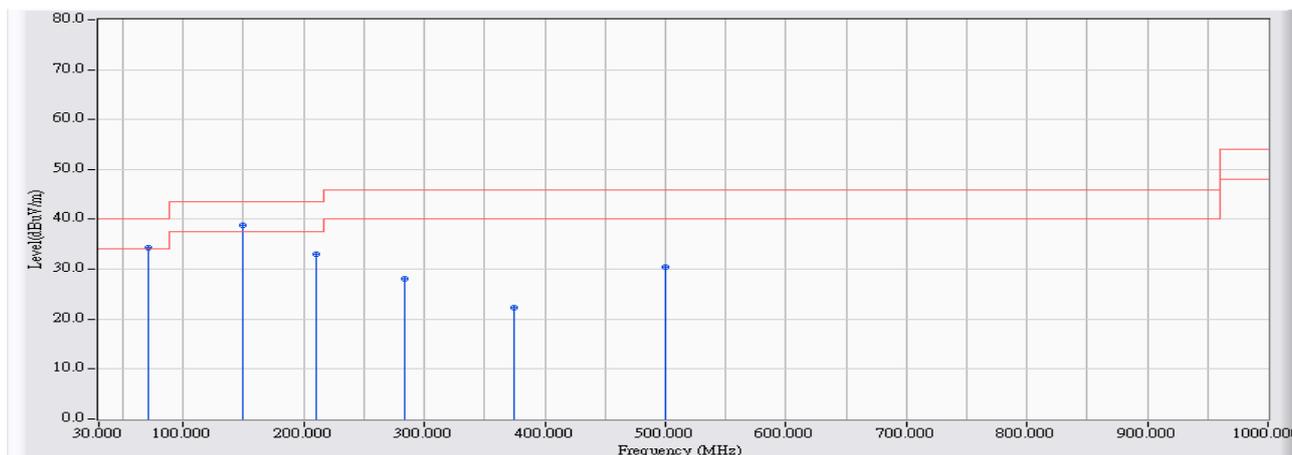


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.500	-21.256	59.347	38.091	-5.409	43.500	QUASPEAK
2		148.000	-16.116	54.153	38.037	-5.463	43.500	QUASPEAK
3		283.500	-20.107	48.452	28.345	-17.655	46.000	QUASPEAK
4		419.500	-16.971	37.062	20.090	-25.910	46.000	QUASPEAK
5		500.000	-15.645	42.551	26.905	-19.095	46.000	QUASPEAK
6		666.500	-12.893	37.735	24.842	-21.158	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 : CB1	Time : 2014/07/06 - 18:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11ac(80M)_5775MHz

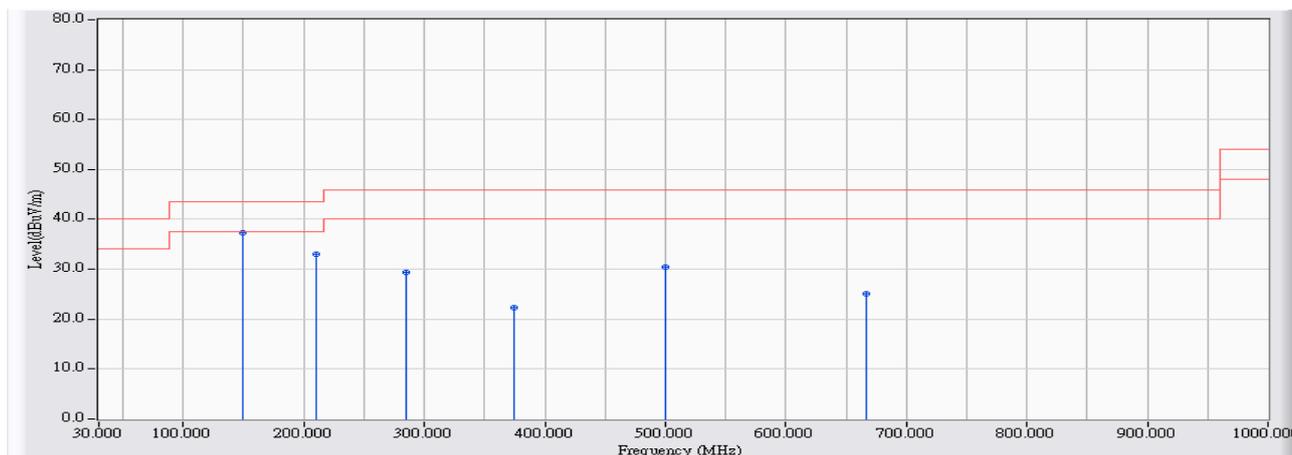


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	70.500	-25.311	59.569	34.258	-5.742	40.000	QUASPEAK
2	* 150.000	-15.801	54.676	38.875	-4.625	43.500	QUASPEAK
3	210.500	-21.115	54.143	33.027	-10.473	43.500	QUASPEAK
4	283.500	-20.107	48.298	28.191	-17.809	46.000	QUASPEAK
5	375.000	-18.009	40.370	22.361	-23.639	46.000	QUASPEAK
6	500.000	-15.645	46.084	30.438	-15.562	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 : CB1	Time : 2014/07/06 - 18:49
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11ac(80M)_5775MHz



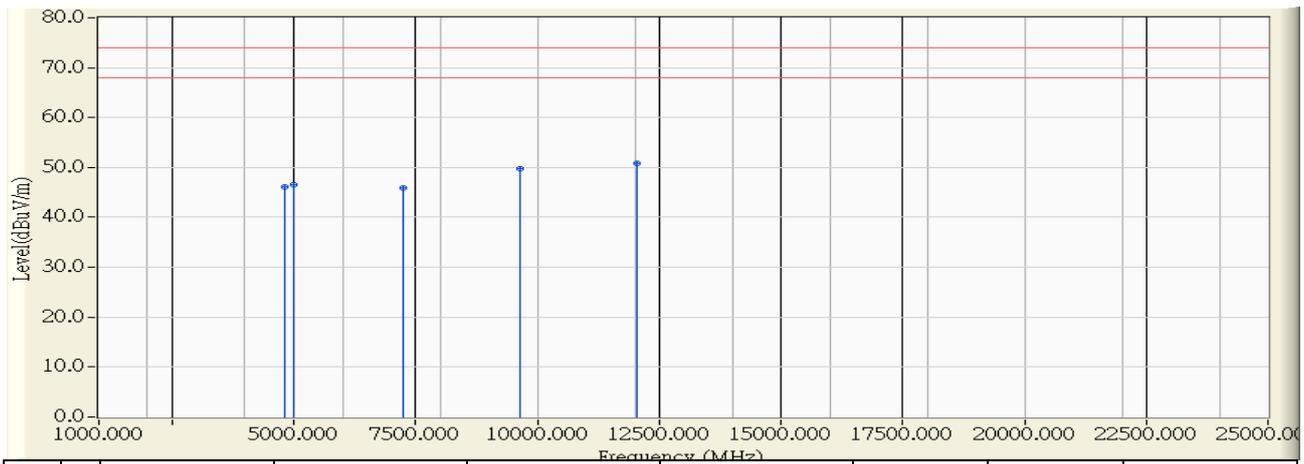
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	150.000	-15.801	53.176	37.375	-6.125	43.500	QUASPEAK
2		210.500	-21.115	54.143	33.027	-10.473	43.500	QUASPEAK
3		285.000	-20.071	49.531	29.460	-16.540	46.000	QUASPEAK
4		375.000	-18.009	40.370	22.361	-23.639	46.000	QUASPEAK
5		500.000	-15.645	46.084	30.438	-15.562	46.000	QUASPEAK
6		666.500	-12.893	37.911	25.018	-20.982	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 : 2014/03/11 - 16:03
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

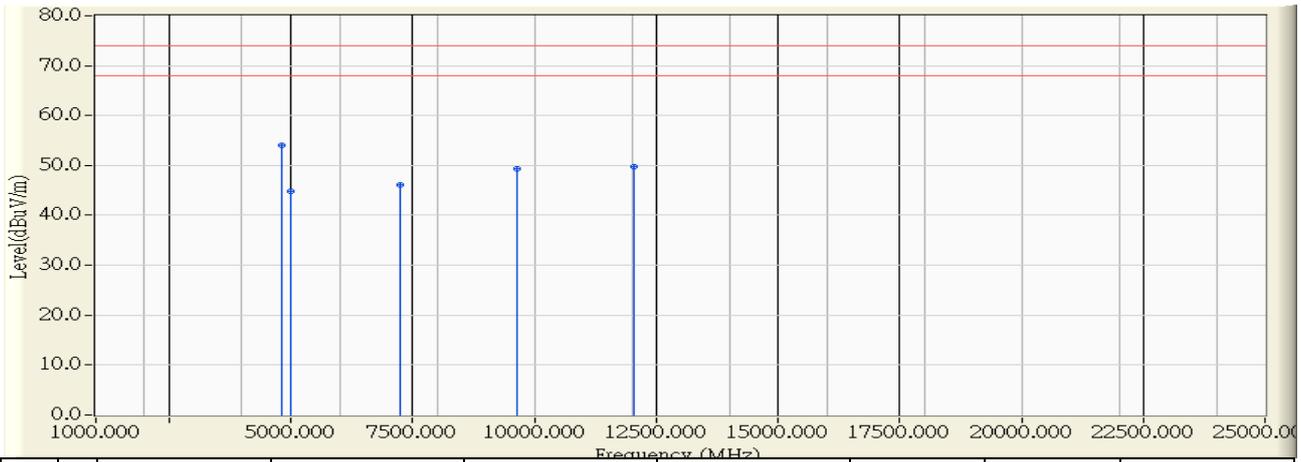


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	46.650	46.033	-27.967	74.000	PEAK
2	5000.000	-0.168	46.720	46.551	-27.449	74.000	PEAK
3	7236.000	5.445	40.520	45.965	-28.035	74.000	PEAK
4	9648.000	9.226	40.550	49.776	-24.224	74.000	PEAK
5	* 12060.000	11.115	39.640	50.755	-23.245	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/02/13 - 16:23
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

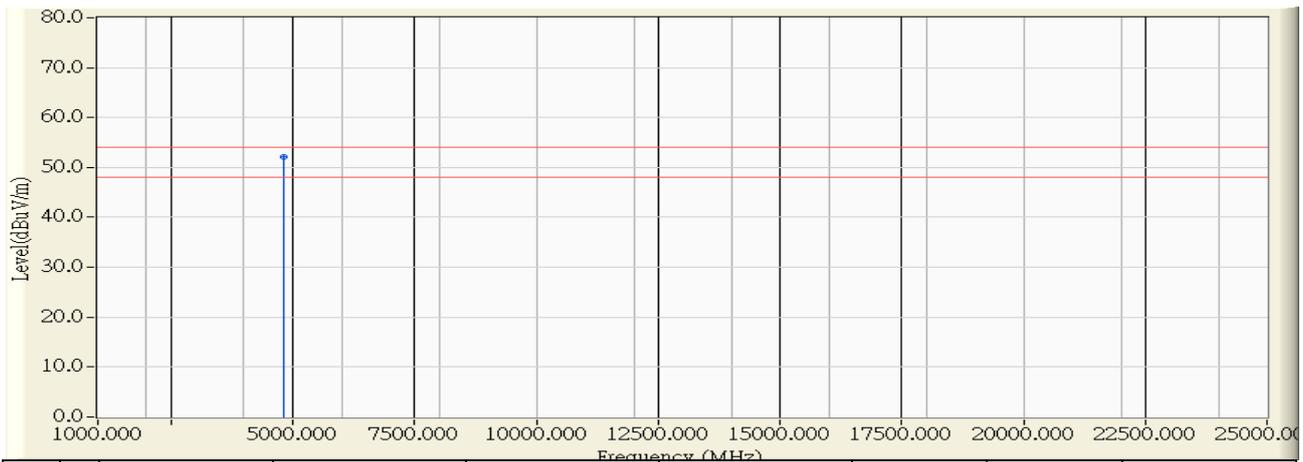


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	54.640	54.023	-19.977	74.000	PEAK
2		5000.000	-0.168	44.970	44.801	-29.199	74.000	PEAK
3		7236.000	5.445	40.590	46.035	-27.965	74.000	PEAK
4		9648.000	9.226	40.130	49.356	-24.644	74.000	PEAK
5		12060.000	11.115	38.670	49.785	-24.215	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/02/13 - 16:23
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

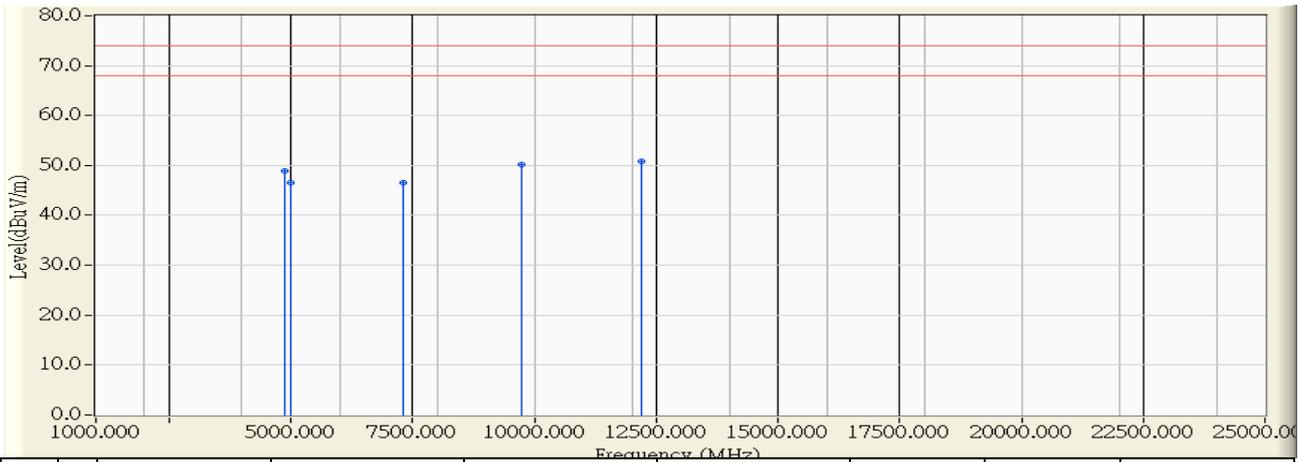


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	52.660	52.043	-1.957	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/03/11 - 16:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b_2437MHz

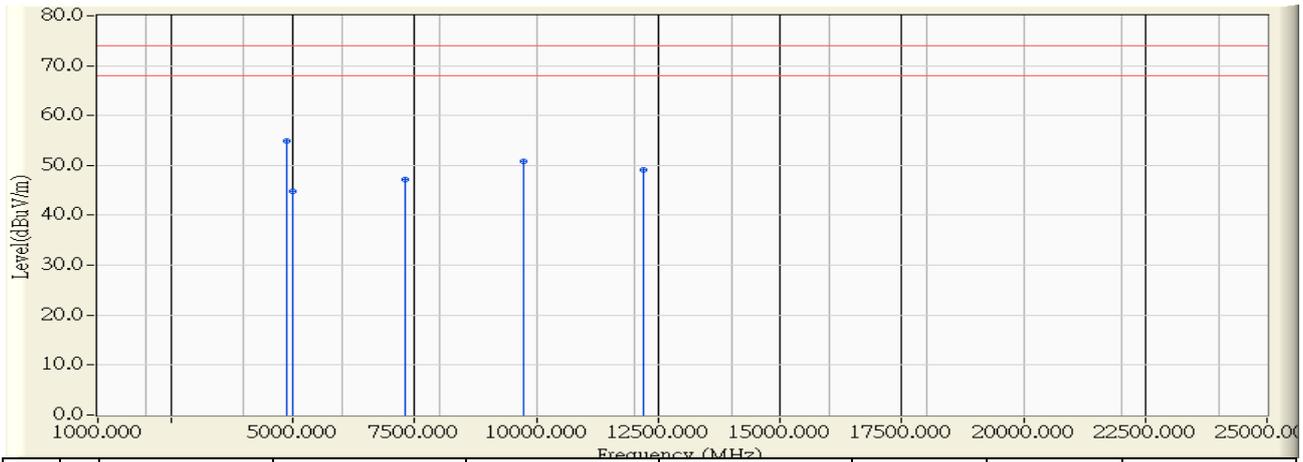


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	49.470	48.975	-25.025	74.000	PEAK
2	5000.000	-0.168	46.790	46.621	-27.379	74.000	PEAK
3	7311.000	5.608	40.910	46.517	-27.483	74.000	PEAK
4	9748.000	9.873	40.350	50.223	-23.777	74.000	PEAK
5	* 12185.000	11.058	39.840	50.898	-23.102	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/02/13 - 16:38
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

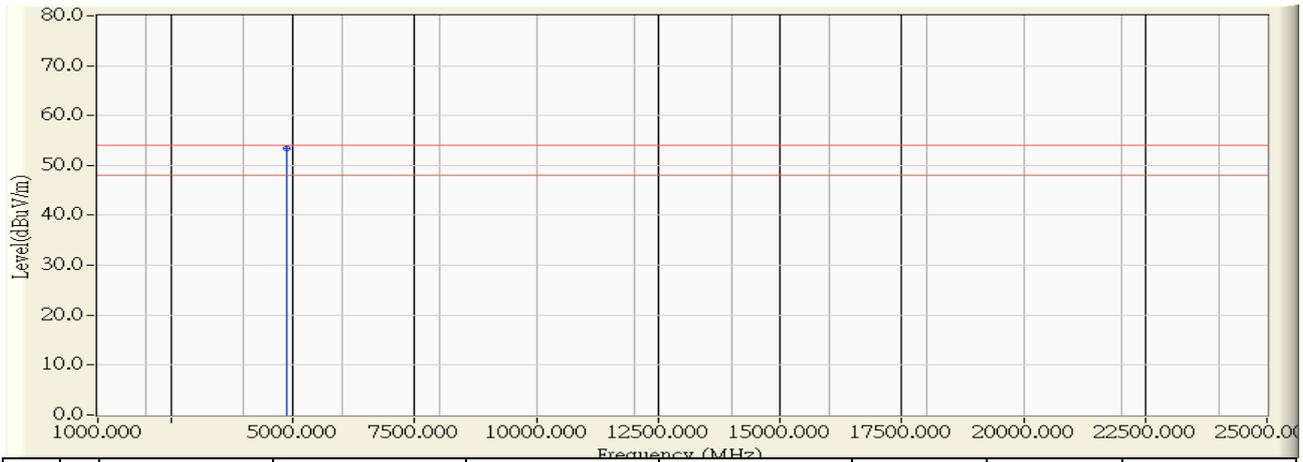


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	55.470	54.975	-19.025	74.000	PEAK
2		5000.000	-0.168	45.060	44.891	-29.109	74.000	PEAK
3		7313.000	5.611	41.660	47.272	-26.728	74.000	PEAK
4		9748.000	9.873	40.880	50.753	-23.247	74.000	PEAK
5		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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/02/13 - 16:38
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

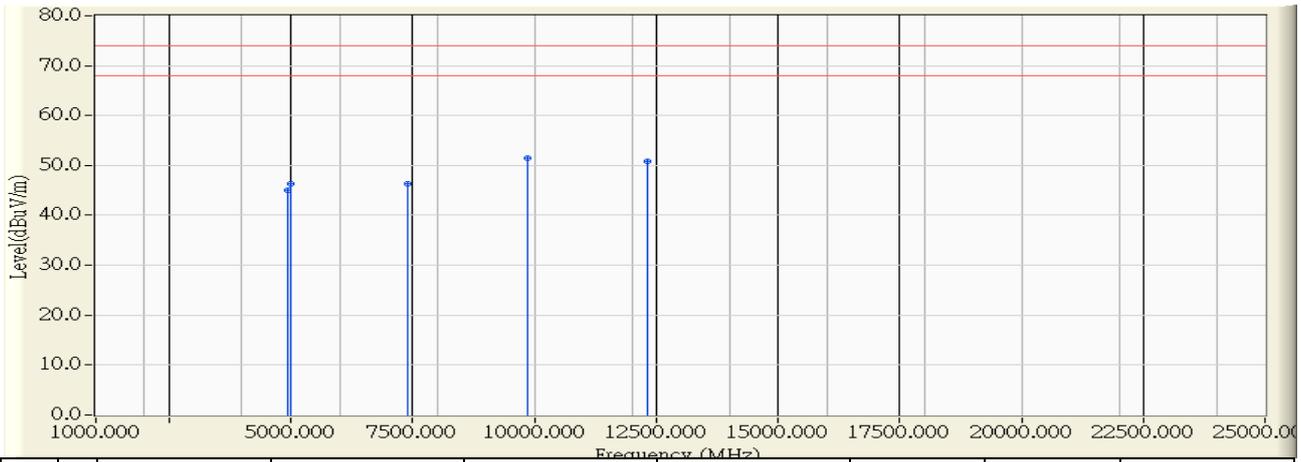


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	53.890	53.395	-0.605	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/03/11 - 17:14
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-802.11b_2462MHz

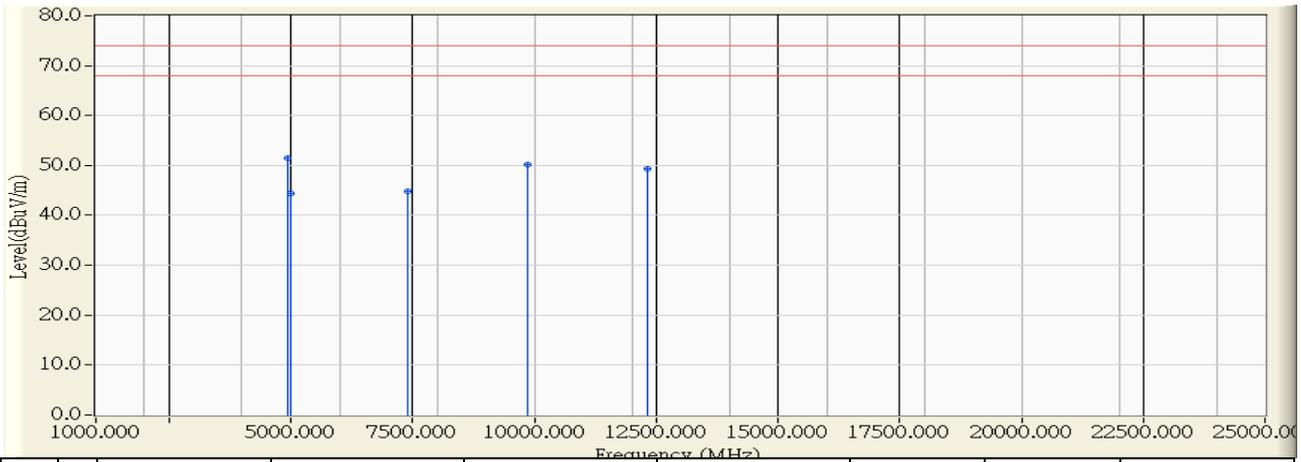


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	45.390	45.017	-28.983	74.000	PEAK
2	5000.000	-0.168	46.560	46.391	-27.609	74.000	PEAK
3	7386.000	5.770	40.630	46.400	-27.600	74.000	PEAK
4	* 9848.000	10.521	40.980	51.501	-22.499	74.000	PEAK
5	12310.000	11.001	39.890	50.891	-23.109	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/02/13 - 17:02
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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11b_2462MHz

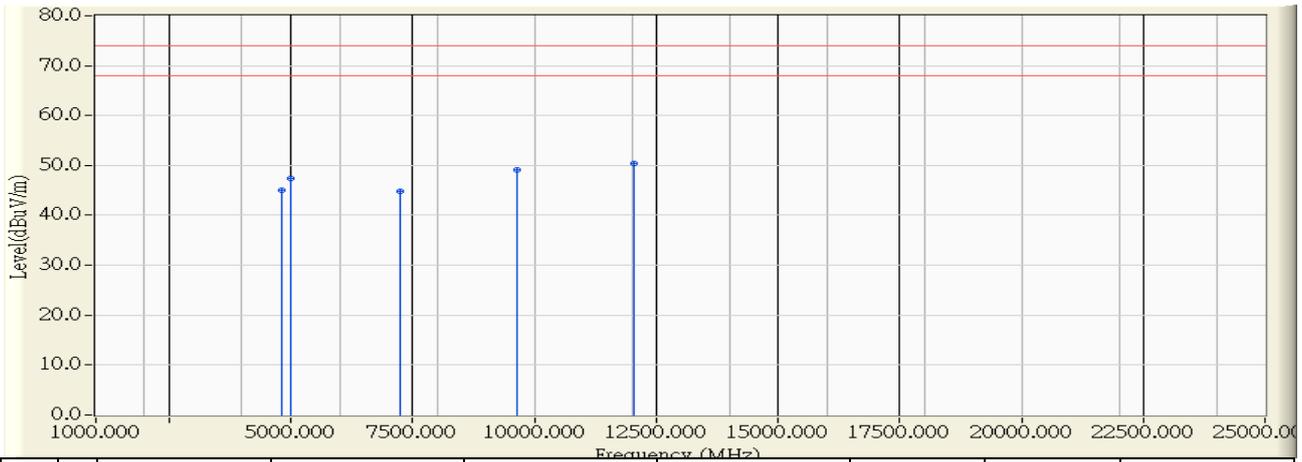


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	51.930	51.557	-22.443	74.000	PEAK
2		5000.000	-0.168	44.600	44.431	-29.569	74.000	PEAK
3		7386.000	5.770	39.040	44.810	-29.190	74.000	PEAK
4		9848.000	10.521	39.710	50.231	-23.769	74.000	PEAK
5		12310.000	11.001	38.350	49.351	-24.649	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g_2412MHz

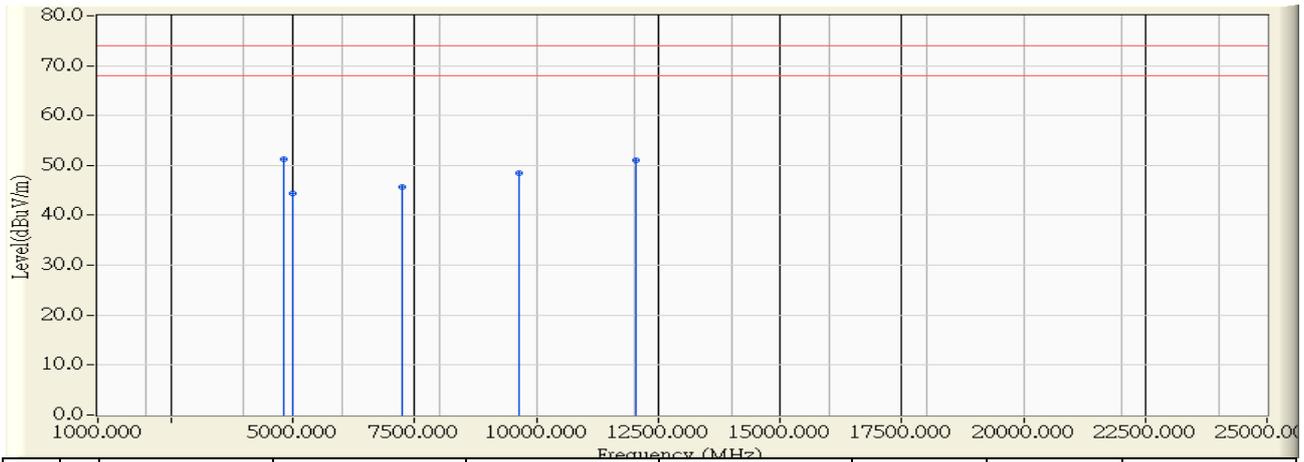


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	45.590	44.973	-29.027	74.000	PEAK
2	5000.000	-0.168	47.490	47.321	-26.679	74.000	PEAK
3	7236.000	5.445	39.300	44.745	-29.255	74.000	PEAK
4	9648.000	9.226	39.910	49.136	-24.864	74.000	PEAK
5	* 12060.000	11.115	39.190	50.305	-23.695	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 17:33
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

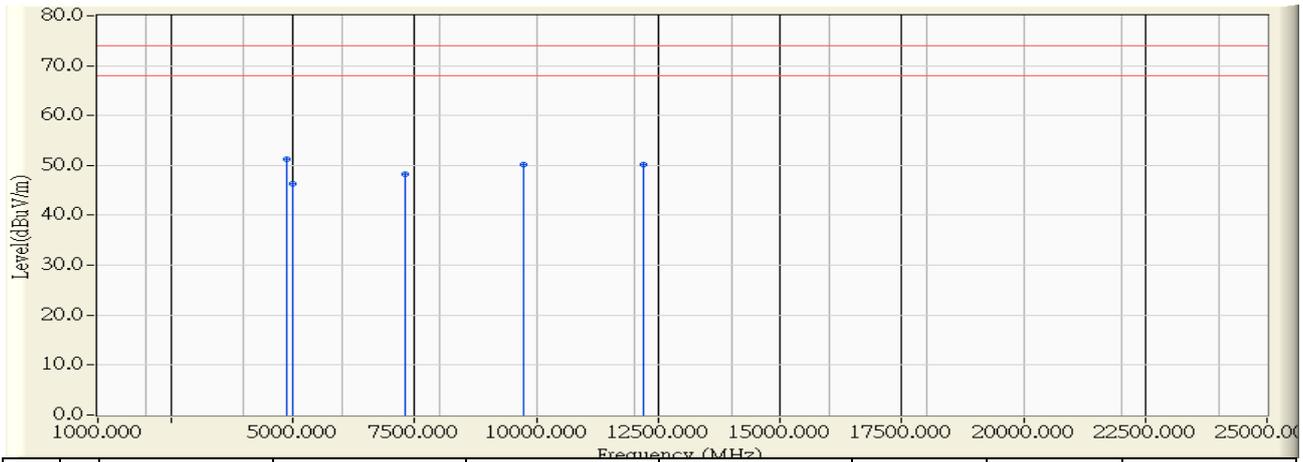


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-0.617	51.900	51.283	-22.717	74.000	PEAK
2		5000.000	-0.168	44.630	44.461	-29.539	74.000	PEAK
3		7236.000	5.445	40.170	45.615	-28.385	74.000	PEAK
4		9648.000	9.226	39.270	48.496	-25.504	74.000	PEAK
5		12060.000	11.115	39.910	51.025	-22.975	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g_2437MHz

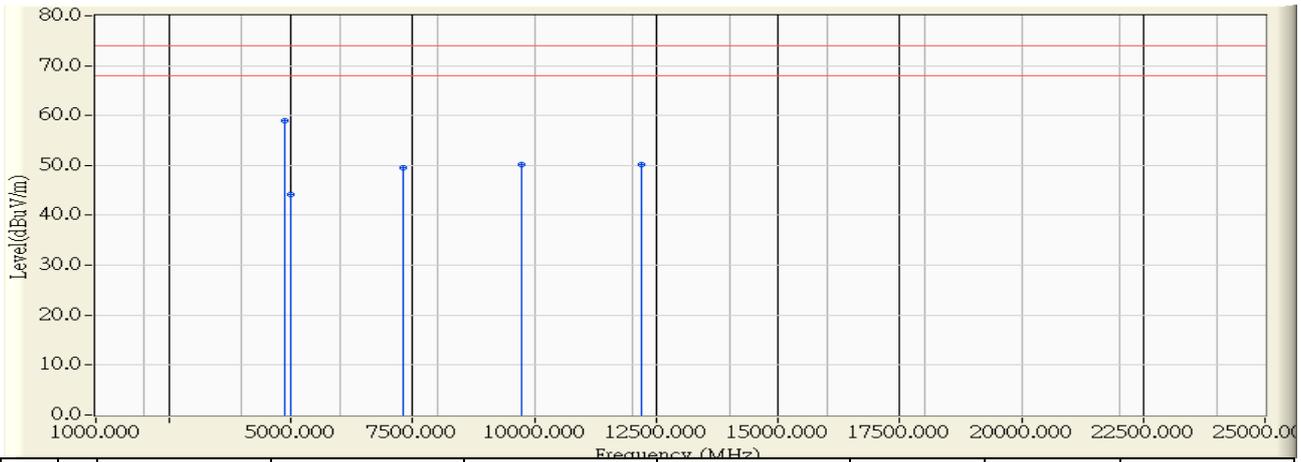


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	51.850	51.355	-22.645	74.000	PEAK
2		5000.000	-0.168	46.410	46.241	-27.759	74.000	PEAK
3		7311.000	5.608	42.710	48.317	-25.683	74.000	PEAK
4		9748.000	9.873	40.380	50.253	-23.747	74.000	PEAK
5		12185.000	11.058	39.230	50.288	-23.712	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g_2437MHz

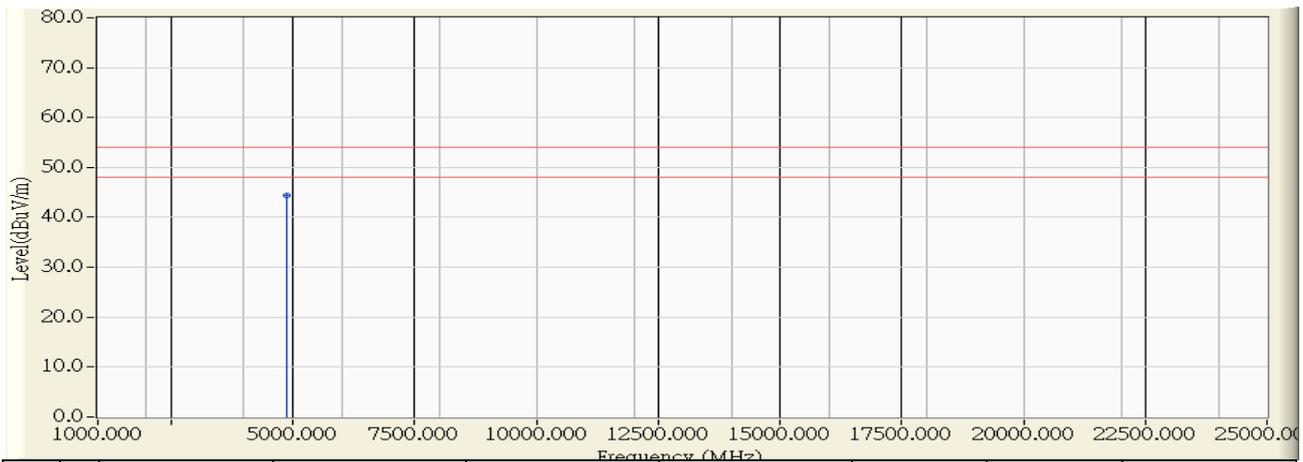


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	59.560	59.065	-14.935	74.000	PEAK
2		5000.000	-0.168	44.400	44.231	-29.769	74.000	PEAK
3		7311.000	5.608	43.950	49.557	-24.443	74.000	PEAK
4		9748.000	9.873	40.220	50.093	-23.907	74.000	PEAK
5		12185.000	11.058	39.080	50.138	-23.862	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11g_2437MHz

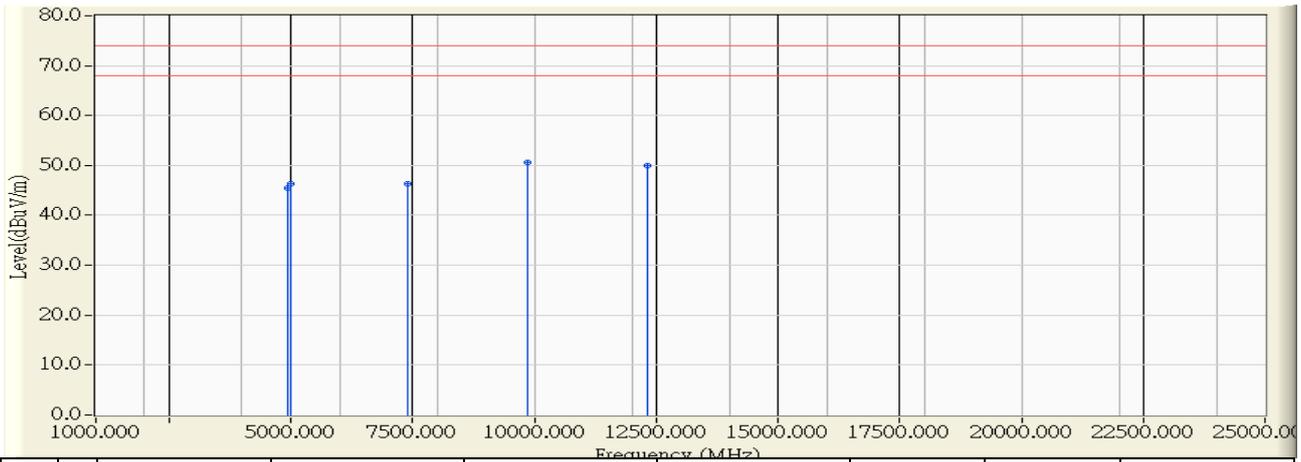


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	44.900	44.405	-9.595	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/03/11 - 18:23
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

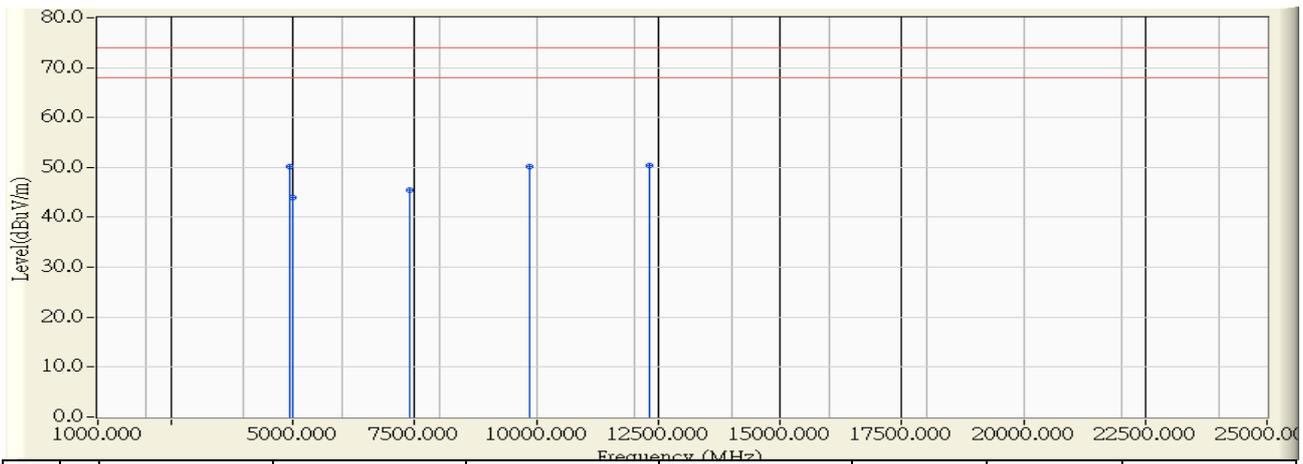


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	45.850	45.477	-28.523	74.000	PEAK
2	5000.000	-0.168	46.430	46.261	-27.739	74.000	PEAK
3	7386.000	5.770	40.480	46.250	-27.750	74.000	PEAK
4	* 9848.000	10.521	40.080	50.601	-23.399	74.000	PEAK
5	12310.000	11.001	39.030	50.031	-23.969	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/11 - 18:26
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

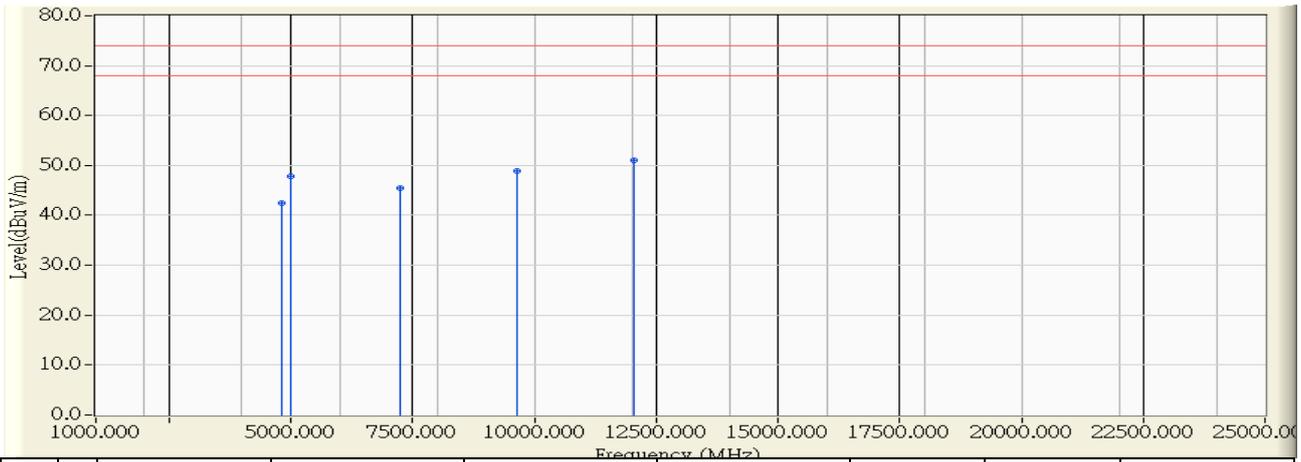


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	50.630	50.257	-23.743	74.000	PEAK
2	5000.000	-0.168	44.170	44.001	-29.999	74.000	PEAK
3	7386.000	5.770	39.730	45.500	-28.500	74.000	PEAK
4	9848.000	10.521	39.660	50.181	-23.819	74.000	PEAK
5	* 12310.000	11.001	39.310	50.311	-23.689	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 13:52
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-802.11n(20M)_2412MHz

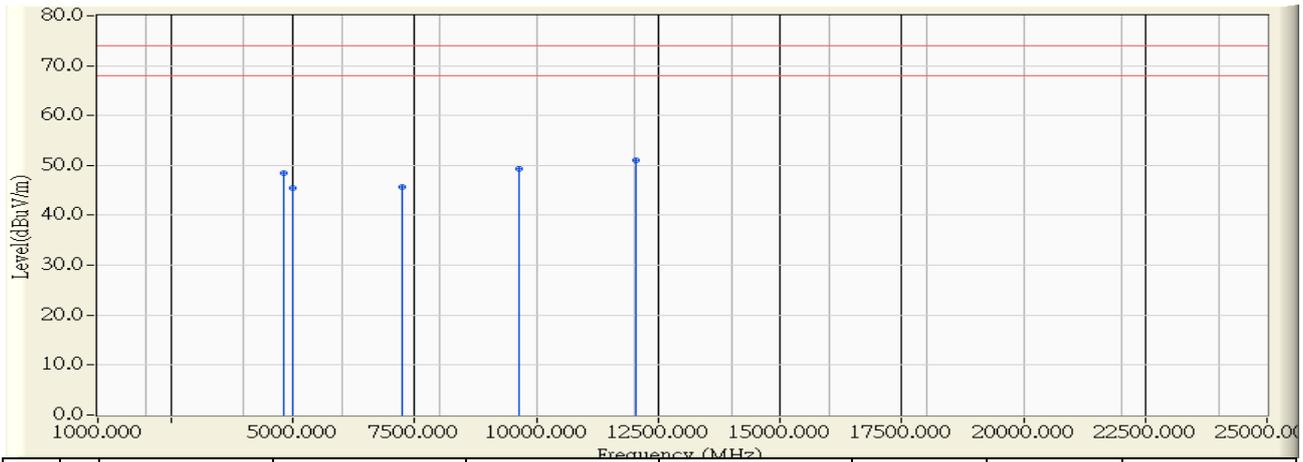


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	43.050	42.433	-31.567	74.000	PEAK
2	5000.000	-0.168	47.890	47.721	-26.279	74.000	PEAK
3	7236.000	5.445	40.010	45.455	-28.545	74.000	PEAK
4	9648.000	9.226	39.700	48.926	-25.074	74.000	PEAK
5	* 12060.000	11.115	39.850	50.965	-23.035	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/03/13 - 14:02
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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_2412MHz

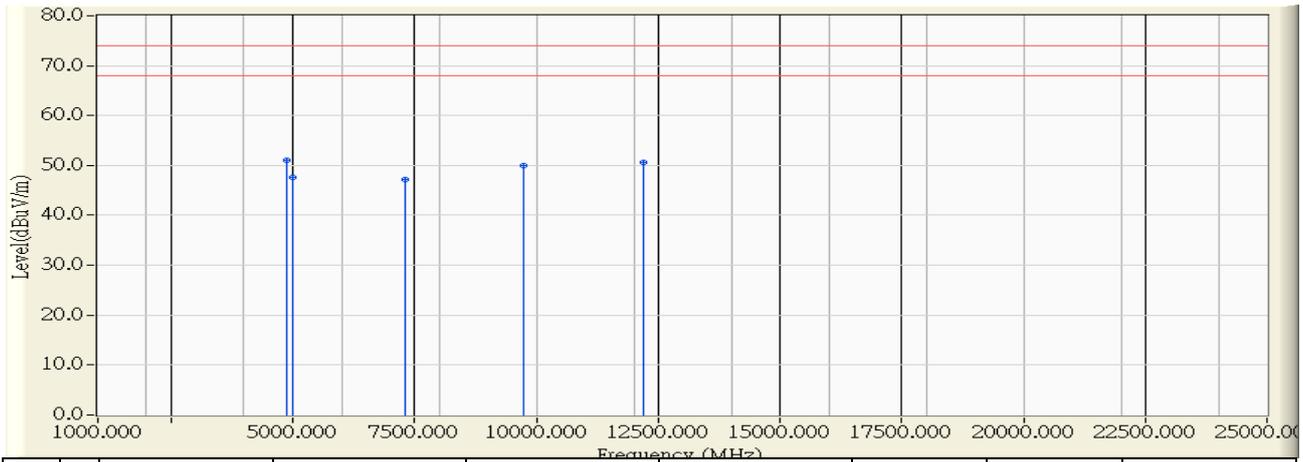


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-0.617	49.140	48.523	-25.477	74.000	PEAK
2	5000.000	-0.168	45.730	45.561	-28.439	74.000	PEAK
3	7236.000	5.445	40.170	45.615	-28.385	74.000	PEAK
4	9648.000	9.226	40.020	49.246	-24.754	74.000	PEAK
5	* 12060.000	11.115	39.960	51.075	-22.925	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 14:12
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-802.11n(20M)_2437MHz

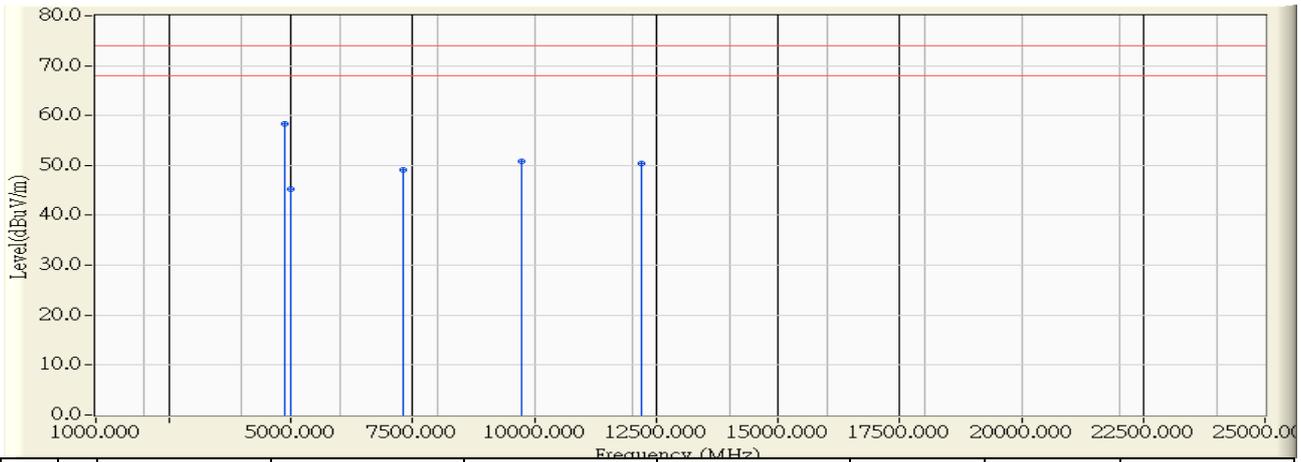


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	51.510	51.015	-22.985	74.000	PEAK
2		5000.000	-0.168	47.870	47.701	-26.299	74.000	PEAK
3		7311.000	5.608	41.620	47.227	-26.773	74.000	PEAK
4		9748.000	9.873	40.200	50.073	-23.927	74.000	PEAK
5		12185.000	11.058	39.640	50.698	-23.302	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_2437MHz

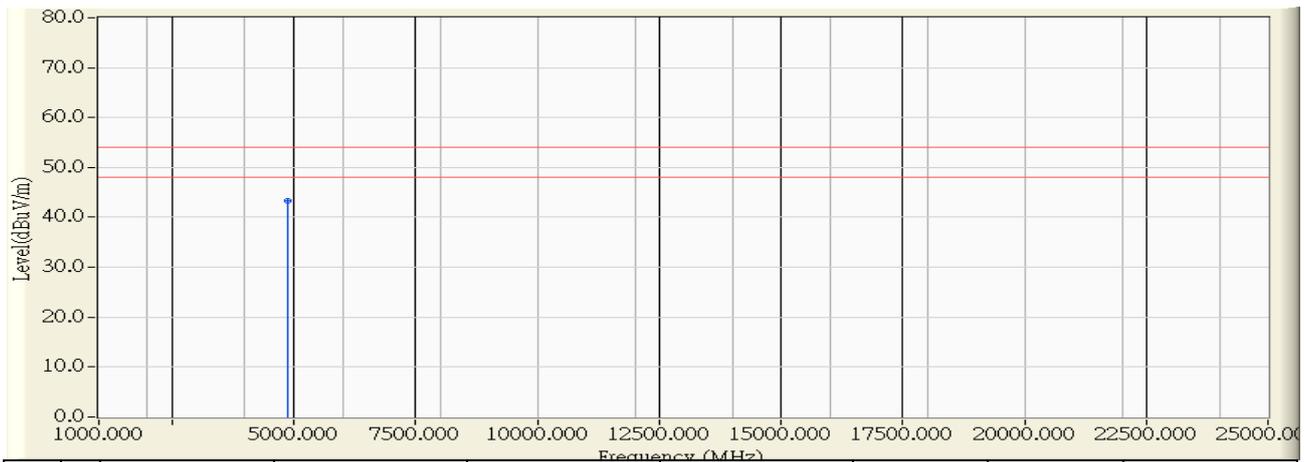


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	58.890	58.395	-15.605	74.000	PEAK
2		5000.000	-0.168	45.460	45.291	-28.709	74.000	PEAK
3		7311.000	5.608	43.590	49.197	-24.803	74.000	PEAK
4		9748.000	9.873	41.010	50.883	-23.117	74.000	PEAK
5		12185.000	11.058	39.240	50.298	-23.702	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 14:18
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-802.11n(20M)_2437MHz

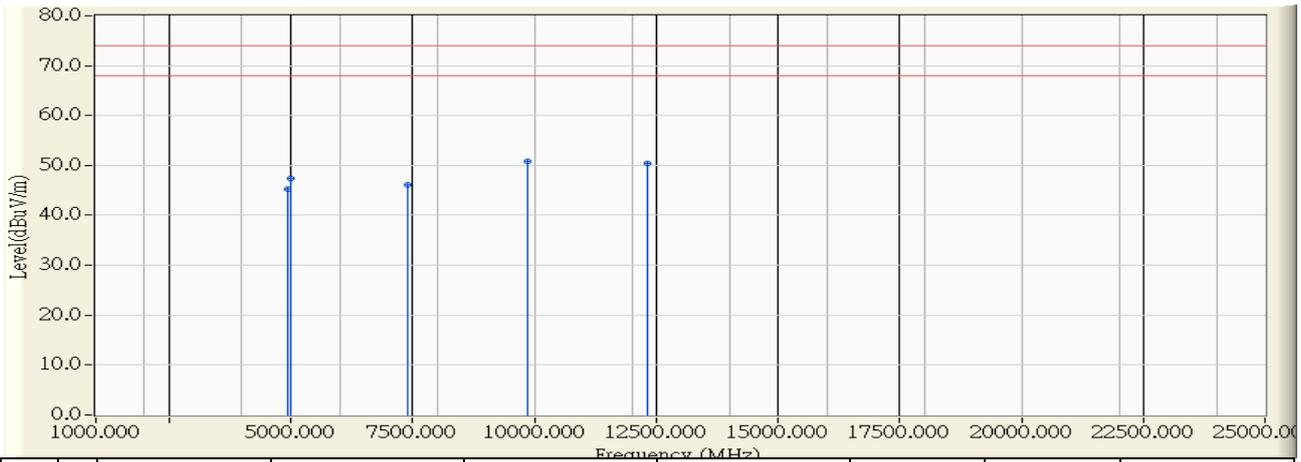


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	43.780	43.285	-10.715	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/03/13 - 14:27
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-802.11n(20M)_2462MHz

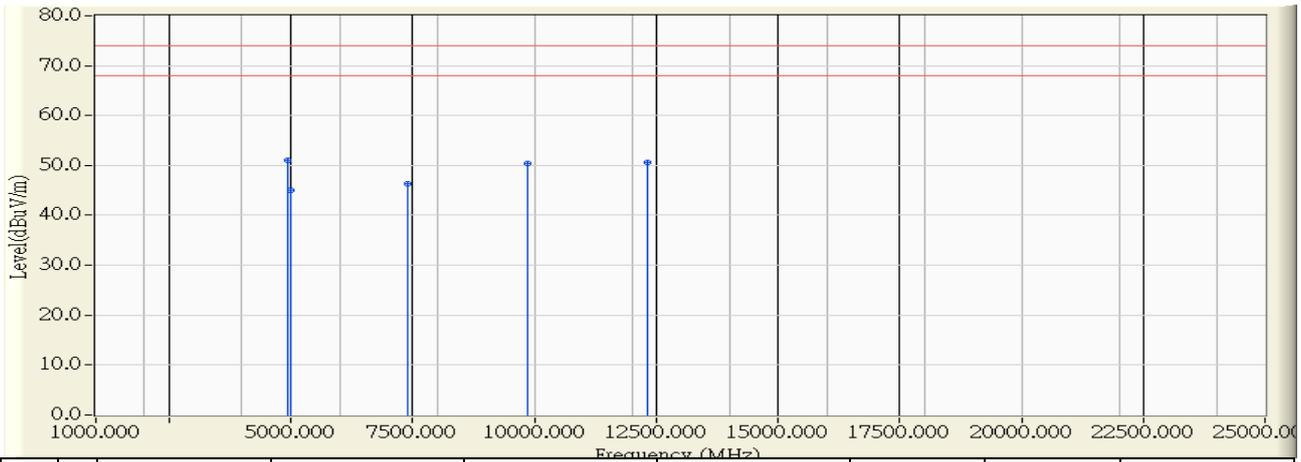


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-0.373	45.620	45.247	-28.753	74.000	PEAK
2	5000.000	-0.168	47.630	47.461	-26.539	74.000	PEAK
3	7386.000	5.770	40.440	46.210	-27.790	74.000	PEAK
4	* 9848.000	10.521	40.350	50.871	-23.129	74.000	PEAK
5	12310.000	11.001	39.360	50.361	-23.639	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/03/13 - 14:38
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-802.11n(20M)_2462MHz

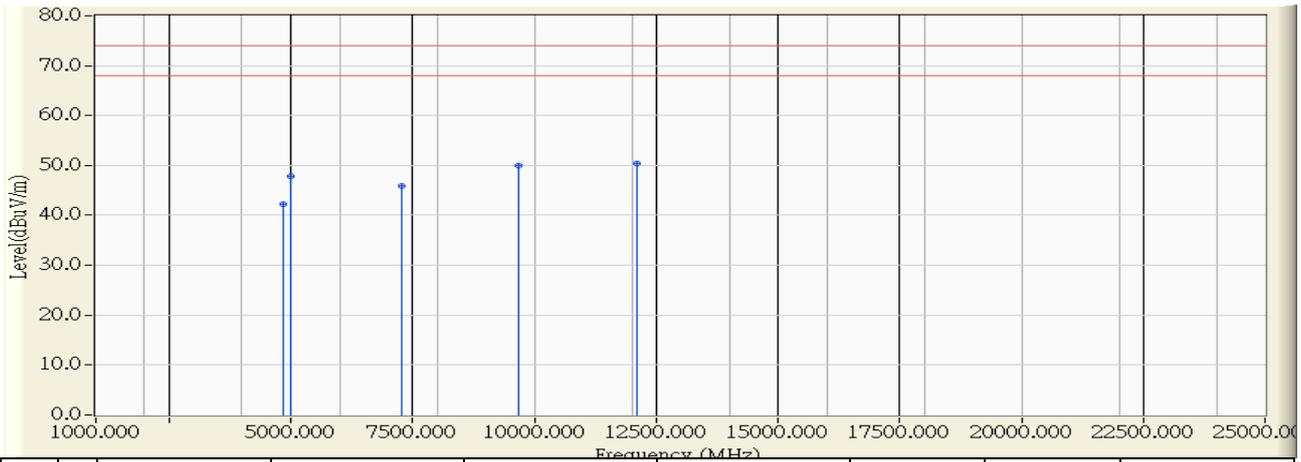


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-0.373	51.360	50.987	-23.013	74.000	PEAK
2		5000.000	-0.168	45.240	45.071	-28.929	74.000	PEAK
3		7386.000	5.770	40.580	46.350	-27.650	74.000	PEAK
4		9848.000	10.521	39.780	50.301	-23.699	74.000	PEAK
5		12310.000	11.001	39.690	50.691	-23.309	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/03/13 - 14:45
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V / 60Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_2422MHz

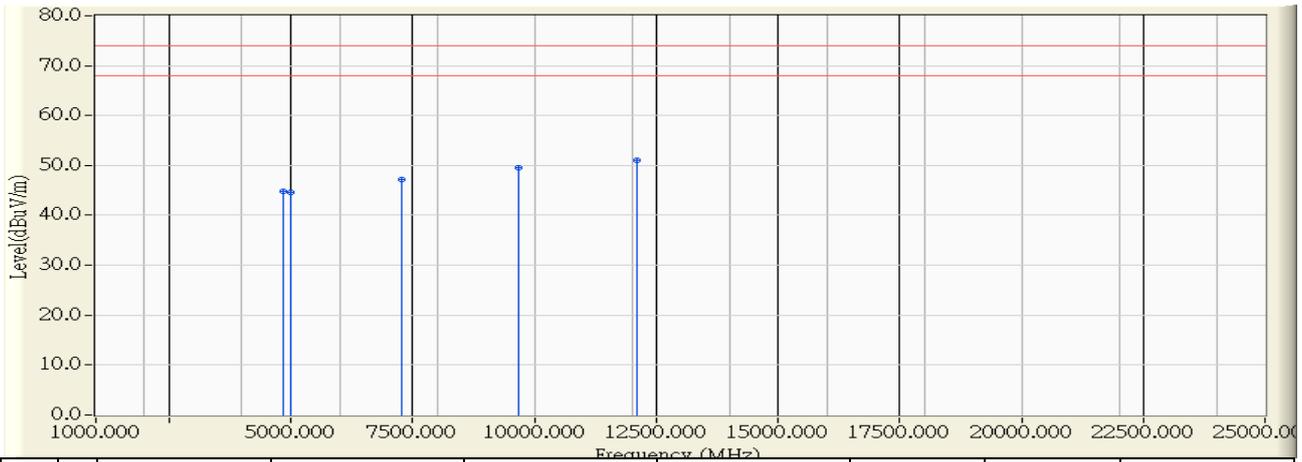


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4844.000	-0.568	42.750	42.182	-31.818	74.000	PEAK
2	5000.000	-0.168	47.980	47.811	-26.189	74.000	PEAK
3	7266.000	5.510	40.380	45.890	-28.110	74.000	PEAK
4	9688.000	9.485	40.470	49.955	-24.045	74.000	PEAK
5	* 12110.000	11.093	39.350	50.443	-23.557	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 14:54
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-802.11n(40M)_2422MHz

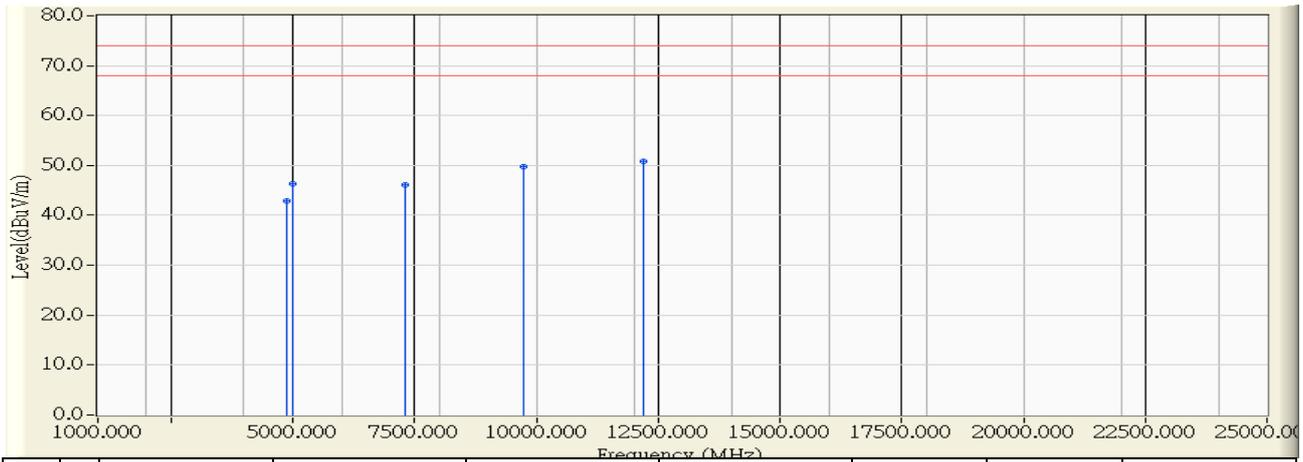


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4844.000	-0.568	45.380	44.812	-29.188	74.000	PEAK
2	5000.000	-0.168	44.870	44.701	-29.299	74.000	PEAK
3	7266.000	5.510	41.700	47.210	-26.790	74.000	PEAK
4	9688.000	9.485	40.070	49.555	-24.445	74.000	PEAK
5	* 12110.000	11.093	39.940	51.033	-22.967	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 15:01
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 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_2437MHz

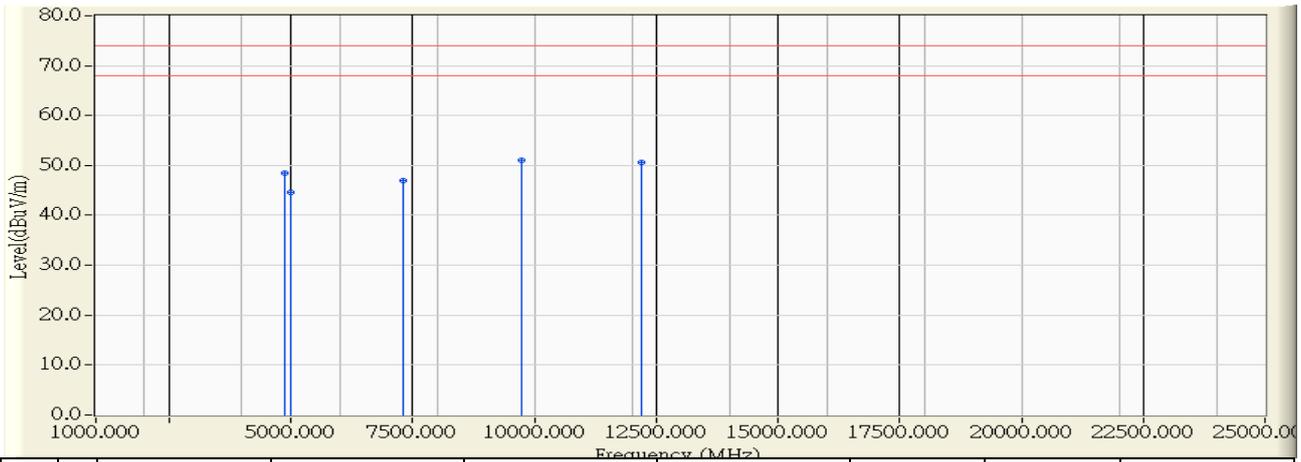


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	43.420	42.925	-31.075	74.000	PEAK
2	5000.000	-0.168	46.530	46.361	-27.639	74.000	PEAK
3	7311.000	5.608	40.540	46.147	-27.853	74.000	PEAK
4	9748.000	9.873	39.810	49.683	-24.317	74.000	PEAK
5	* 12185.000	11.058	39.760	50.818	-23.182	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 15:09
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-802.11n(40M)_2437MHz

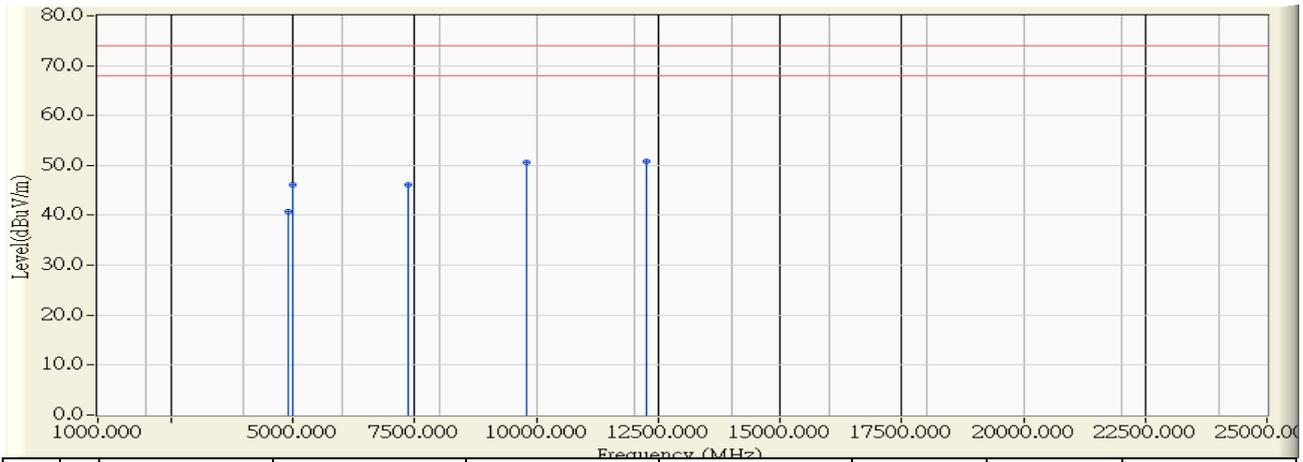


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.495	48.890	48.395	-25.605	74.000	PEAK
2	5000.000	-0.168	44.710	44.541	-29.459	74.000	PEAK
3	7311.000	5.608	41.330	46.937	-27.063	74.000	PEAK
4	* 9748.000	9.873	41.160	51.033	-22.967	74.000	PEAK
5	12185.000	11.058	39.650	50.708	-23.292	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/03/13 - 15:15
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-802.11n(40M)_2452MHz

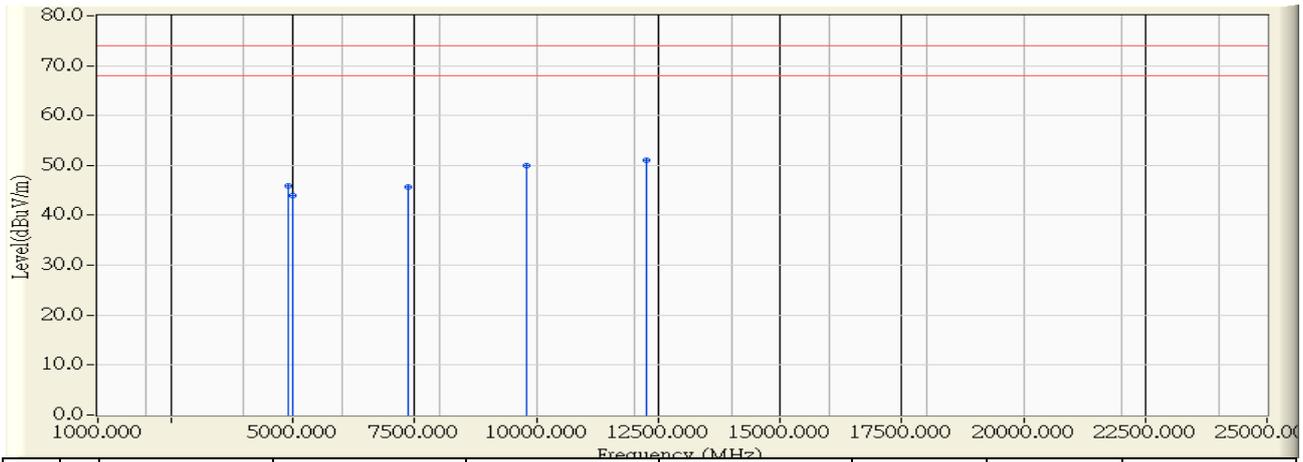


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4904.000	-0.421	41.260	40.839	-33.161	74.000	PEAK
2	5000.000	-0.168	46.350	46.181	-27.819	74.000	PEAK
3	7356.000	5.705	40.400	46.105	-27.895	74.000	PEAK
4	9808.000	10.262	40.300	50.562	-23.438	74.000	PEAK
5	* 12260.000	11.024	39.850	50.874	-23.126	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/03/13 - 15:21
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-802.11n(40M)_2452MHz

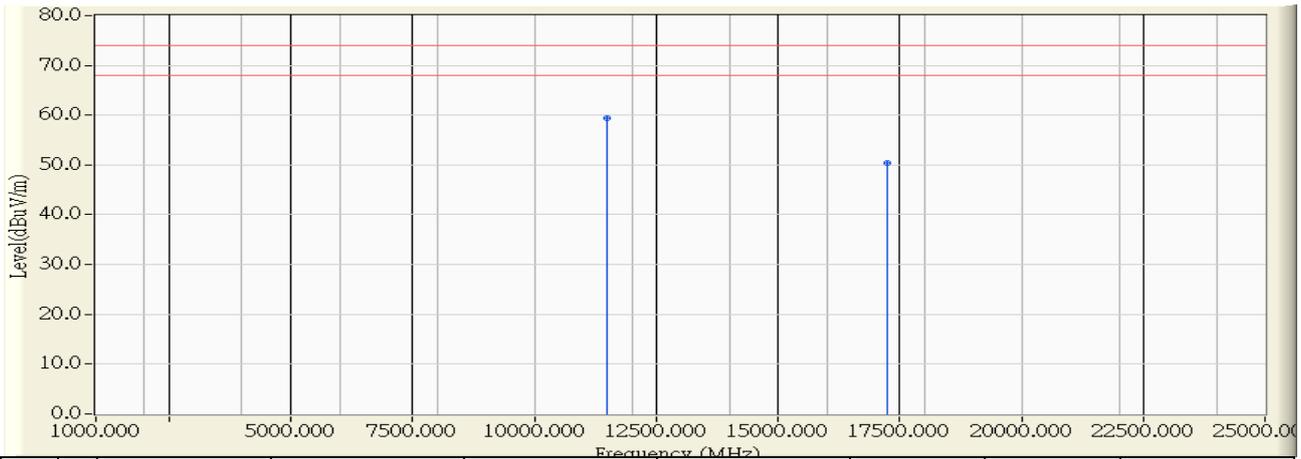


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4904.000	-0.421	46.260	45.839	-28.161	74.000	PEAK
2	5000.000	-0.168	44.170	44.001	-29.999	74.000	PEAK
3	7356.000	5.705	40.070	45.775	-28.225	74.000	PEAK
4	9808.000	10.262	39.810	50.072	-23.928	74.000	PEAK
5	* 12260.000	11.024	39.960	50.984	-23.016	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2014/06/24 - 20:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5745MHz

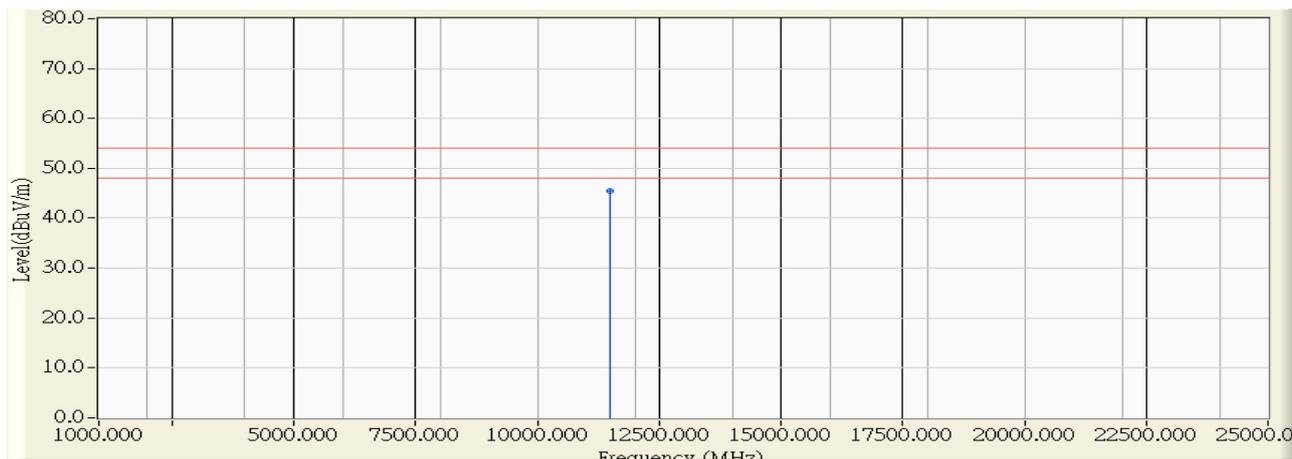


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.020	11.076	48.420	59.497	-14.503	74.000	PEAK
2		17247.220	13.660	36.830	50.490	-23.510	74.000	PEAK

Note:

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

Site : CB1	Time : 2014/06/24 - 20:28
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5745MHz

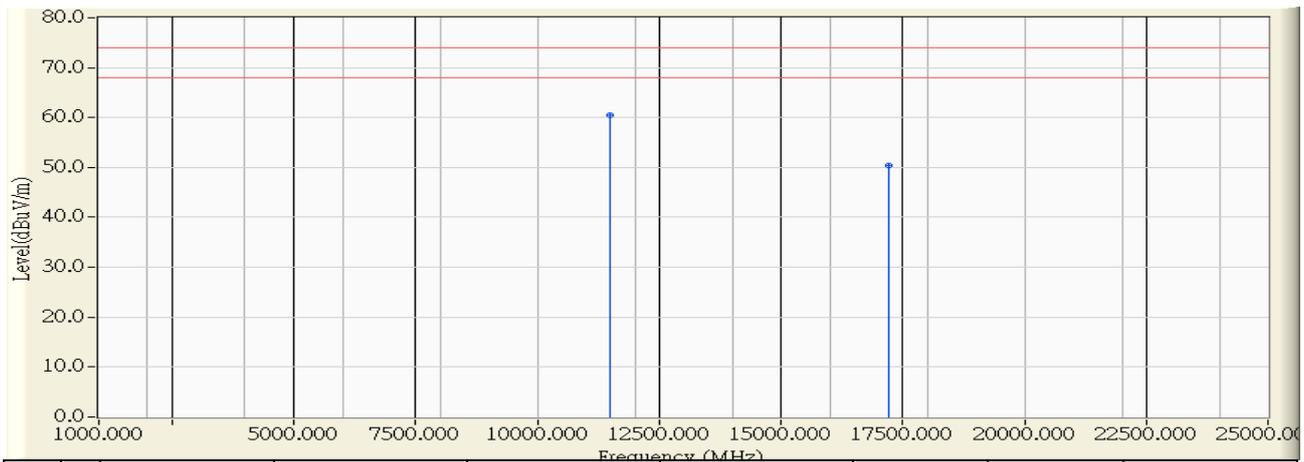


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.860	11.074	34.290	45.365	-8.635	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 20:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5745MHz

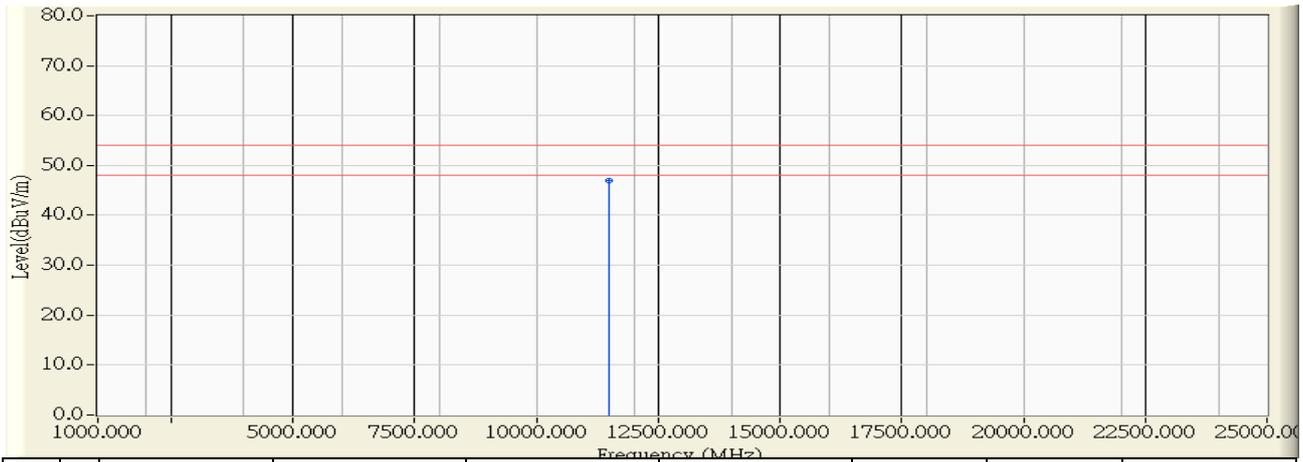


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11492.460	11.068	49.340	60.408	-13.592	74.000	PEAK
2		17227.000	13.681	36.720	50.400	-23.600	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 20:38
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5745MHz

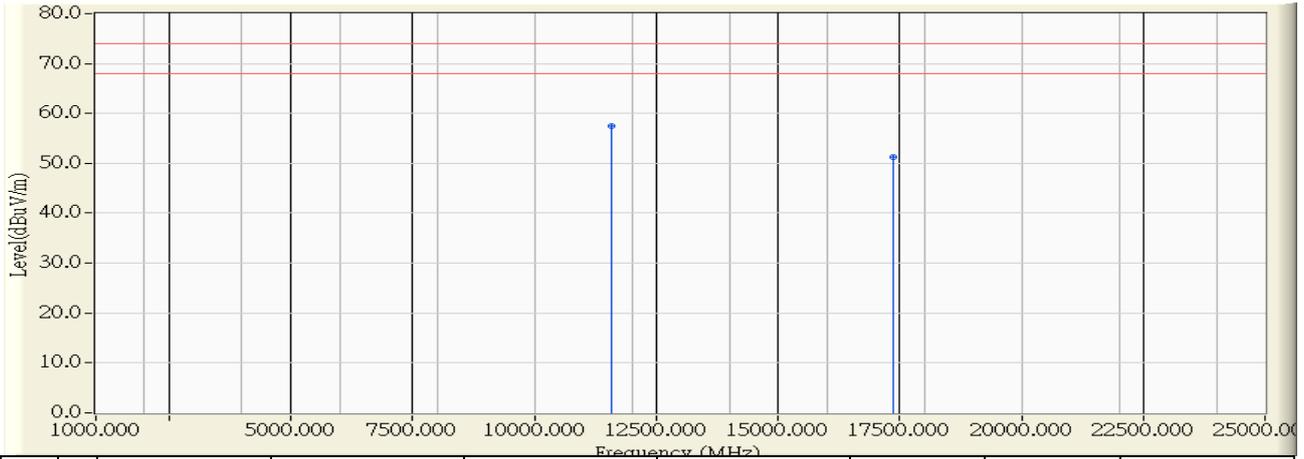


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11492.860	11.068	35.970	47.037	-6.963	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:03
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

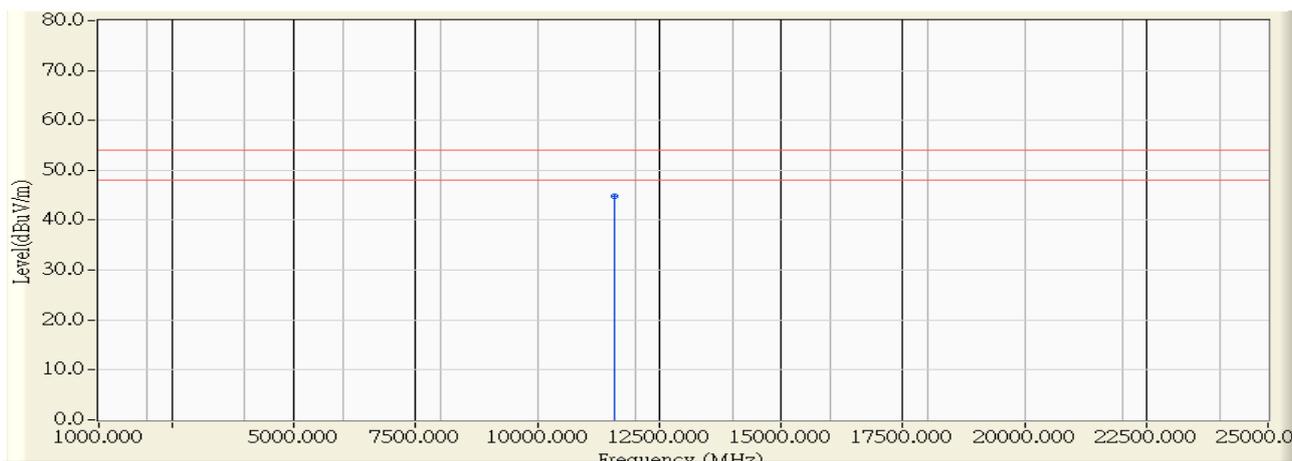


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.760	10.883	46.600	57.482	-16.518	74.000	PEAK
2		17369.160	13.538	37.740	51.278	-22.722	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:05
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

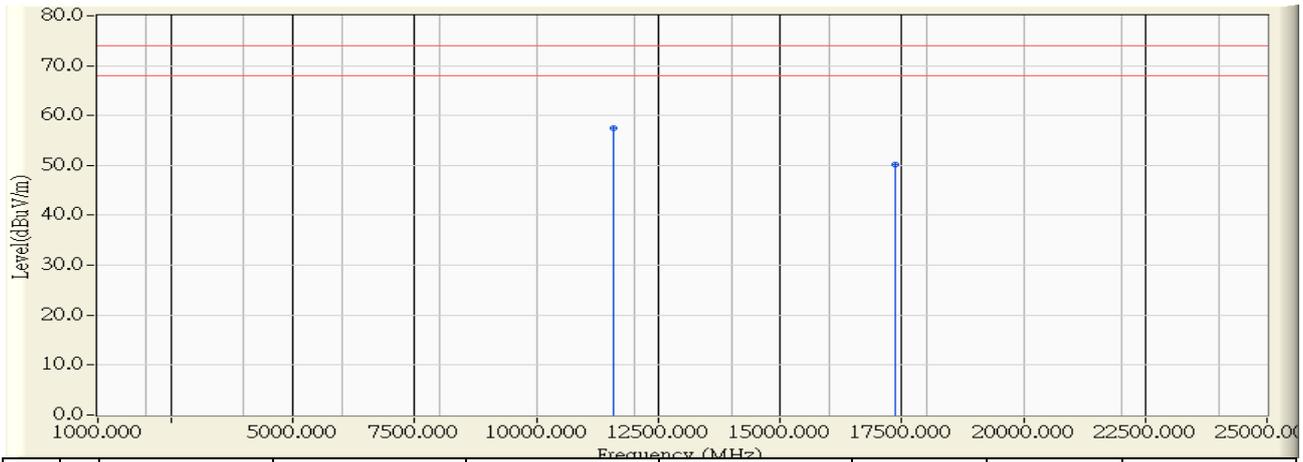


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11571.640	10.880	34.030	44.910	-9.090	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:12
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

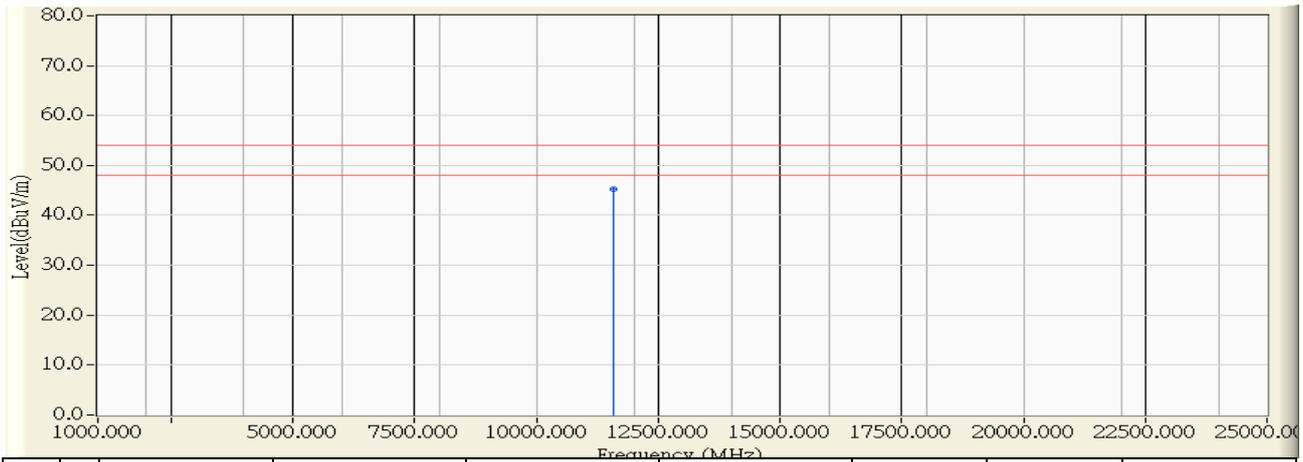


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11569.380	10.885	46.580	57.466	-16.534	74.000	PEAK
2		17354.980	13.552	36.590	50.142	-23.858	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:13
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5785MHz

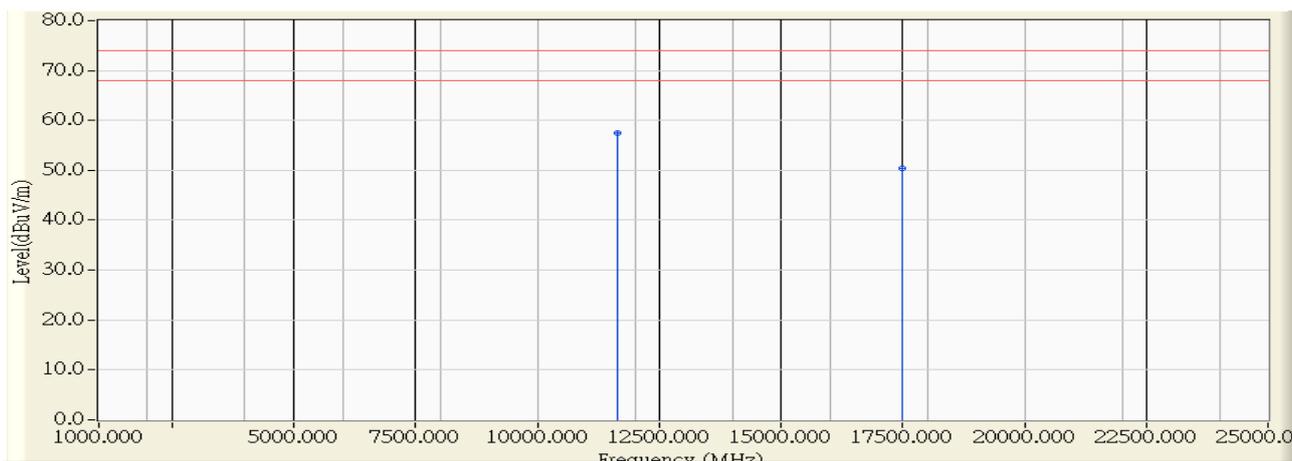


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11569.780	10.884	34.350	45.235	-8.765	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5825MHz

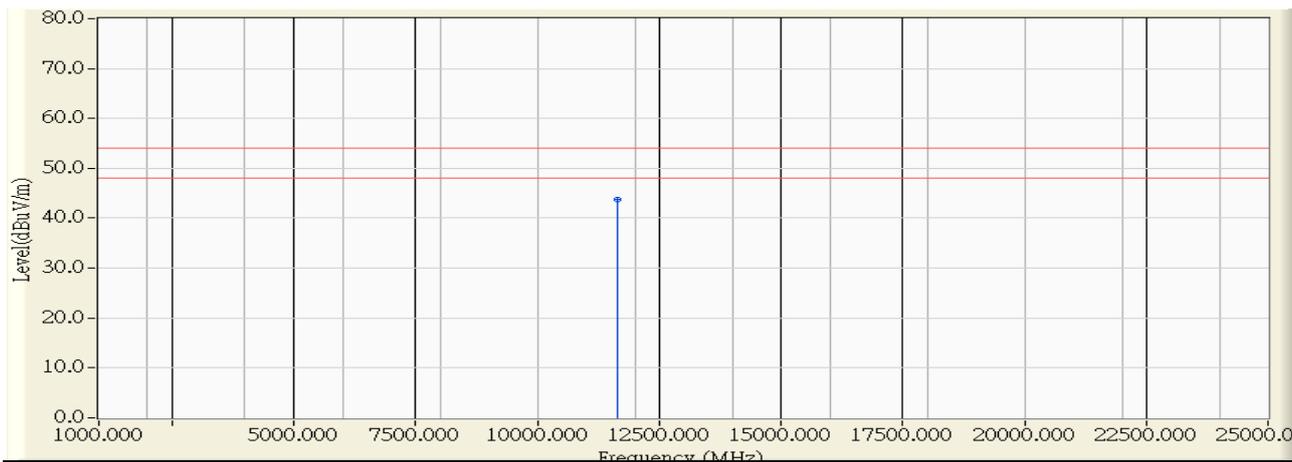


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11654.120	10.684	46.700	57.384	-16.616	74.000	PEAK
2		17493.740	13.863	36.470	50.333	-23.667	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:25
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5825MHz

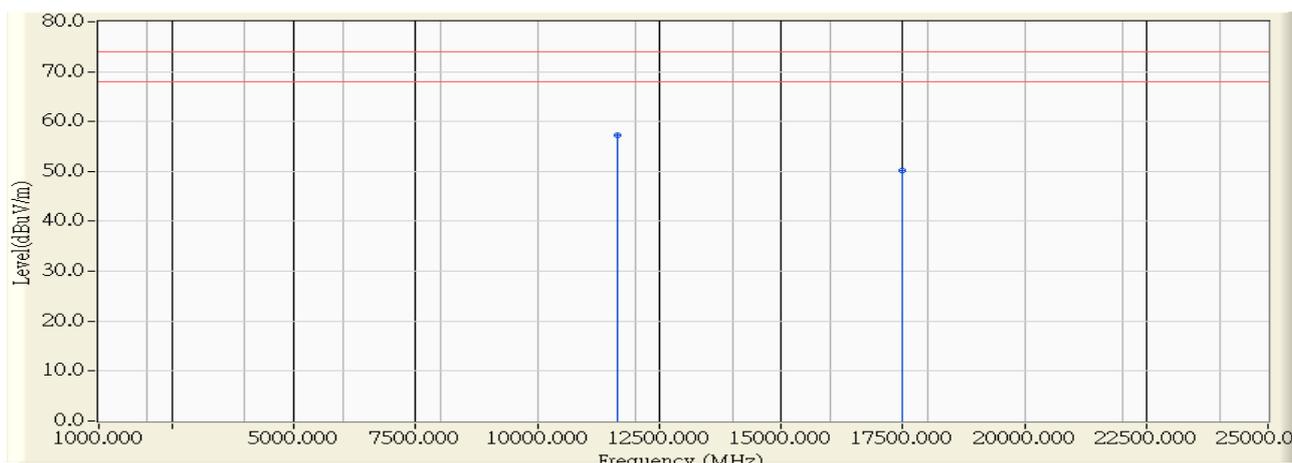


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11653.960	10.684	33.147	43.832	-10.168	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5825MHz

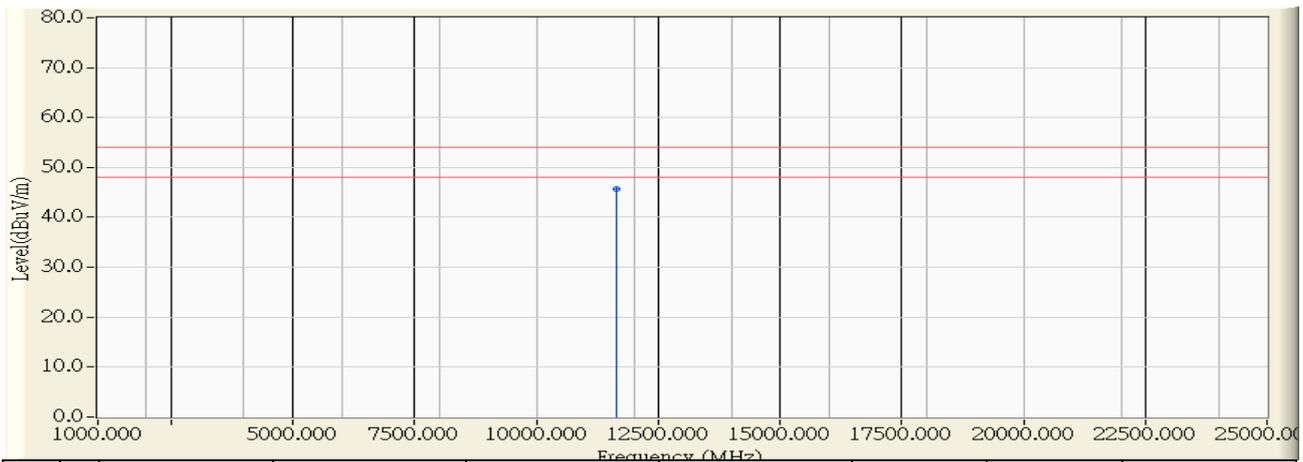


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11654.200	10.684	46.540	57.224	-16.776	74.000	PEAK
2		17478.540	13.632	36.590	50.222	-23.778	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:30
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5825MHz

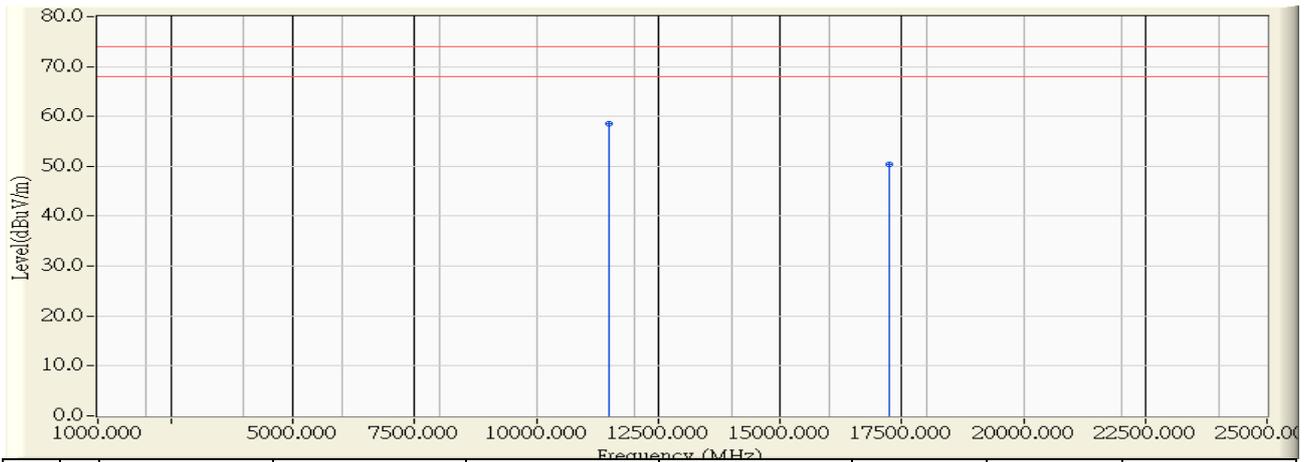


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11653.720	10.685	34.894	45.579	-8.421	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5745 MHz

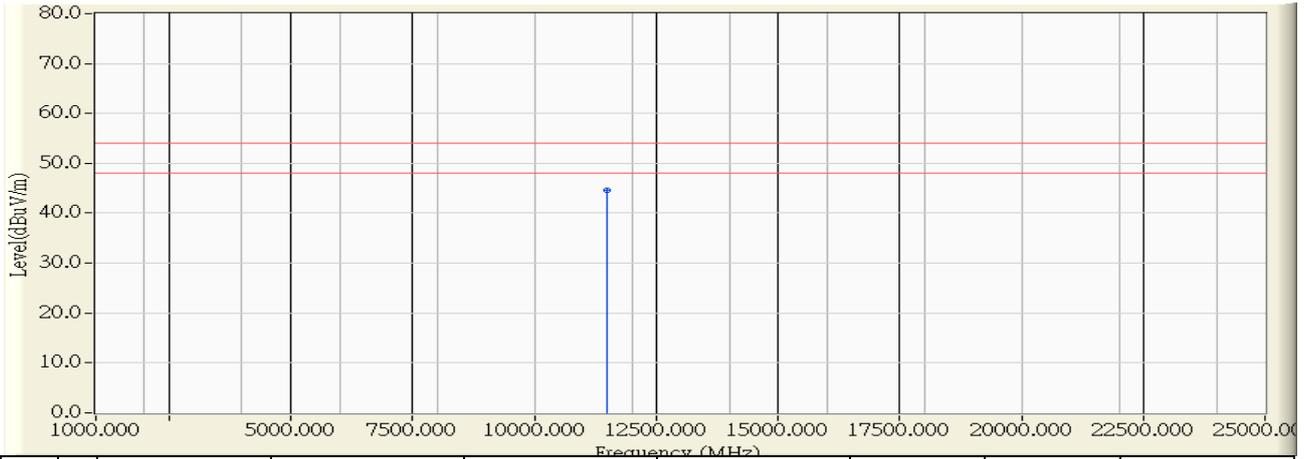


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.120	11.076	47.520	58.596	-15.404	74.000	PEAK
2		17248.760	13.658	36.840	50.498	-23.502	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:49
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5745 MHz

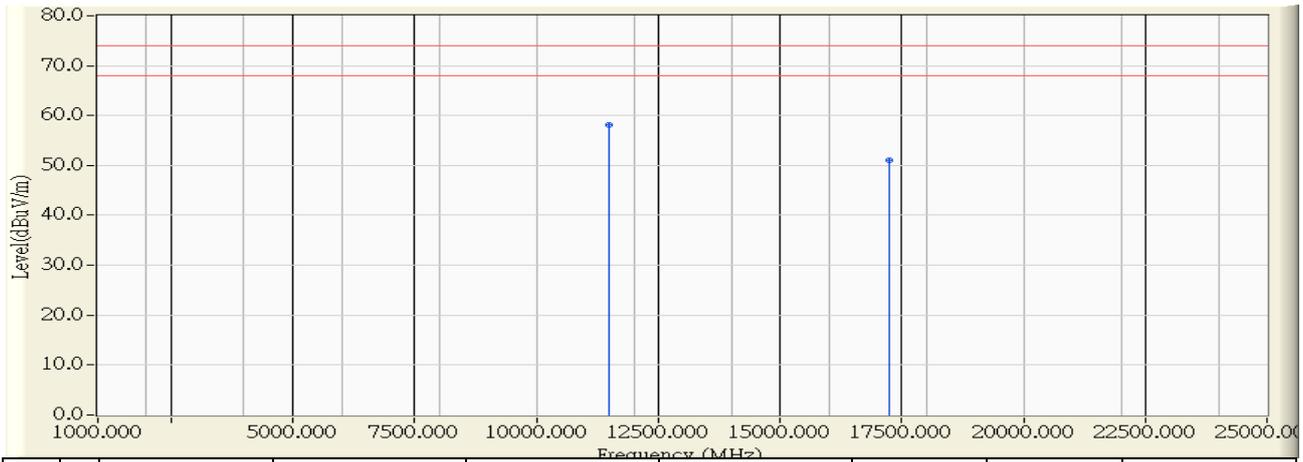


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.620	11.075	33.610	44.685	-9.315	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:57
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5745 MHz

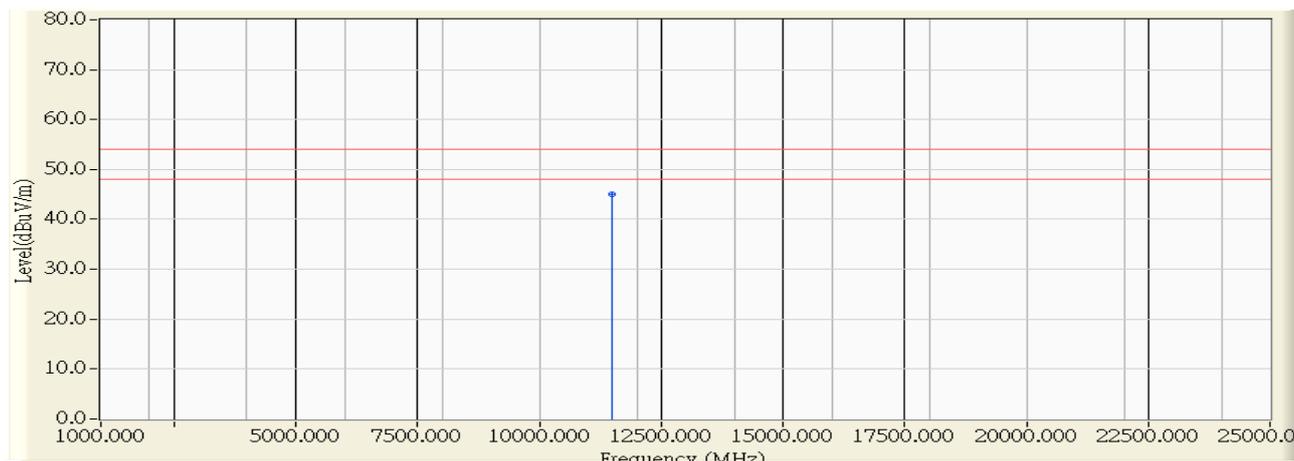


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11488.800	11.077	47.120	58.197	-15.803	74.000	PEAK
2		17252.680	13.655	37.350	51.004	-22.996	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 21:57
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5745 MHz

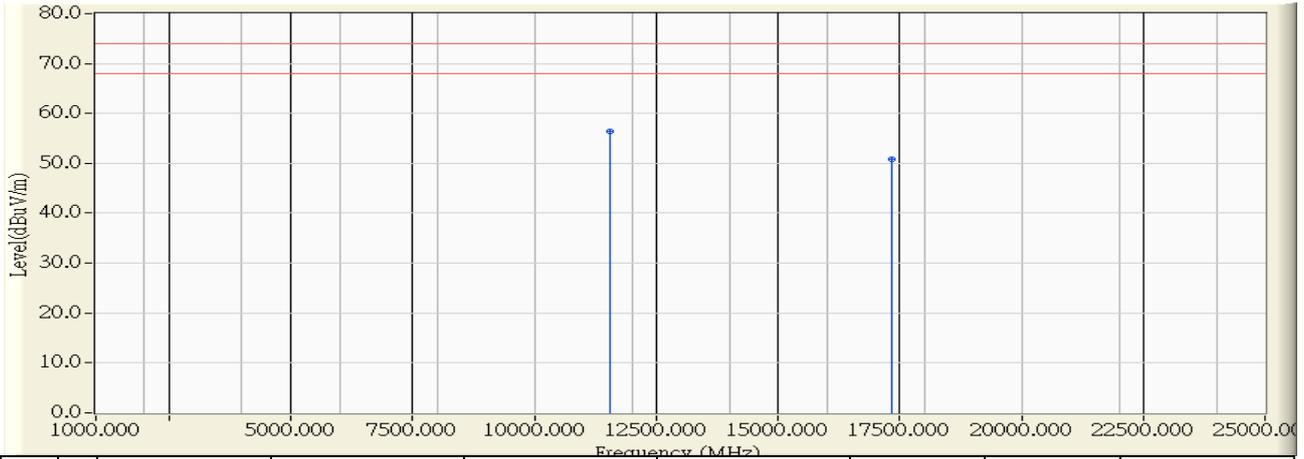


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11488.340	11.079	33.910	44.988	-9.012	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785 MHz

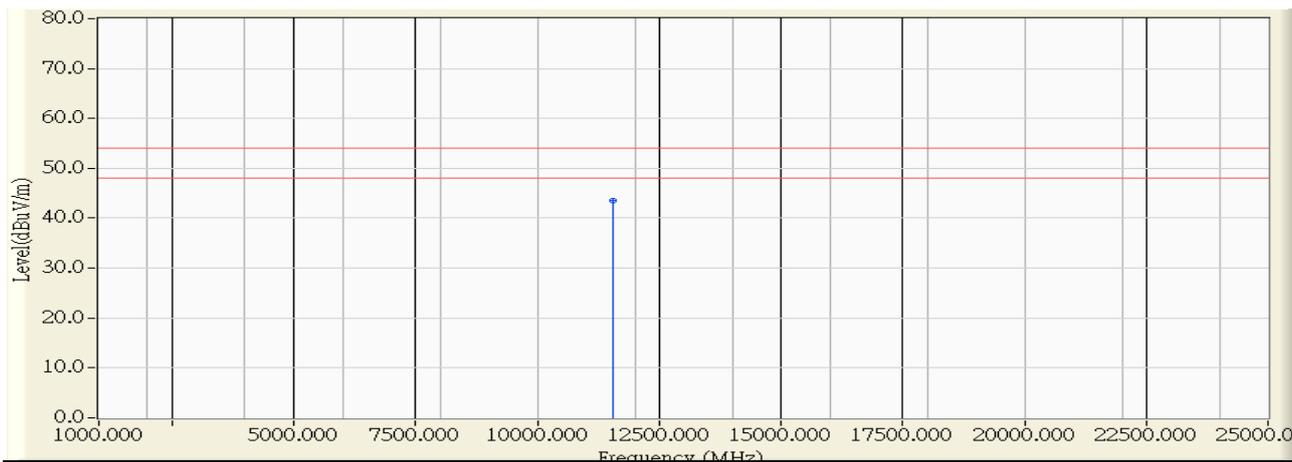


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11568.780	10.887	45.510	56.397	-17.603	74.000	PEAK
2		17343.540	13.563	37.260	50.823	-23.177	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:02
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785 MHz

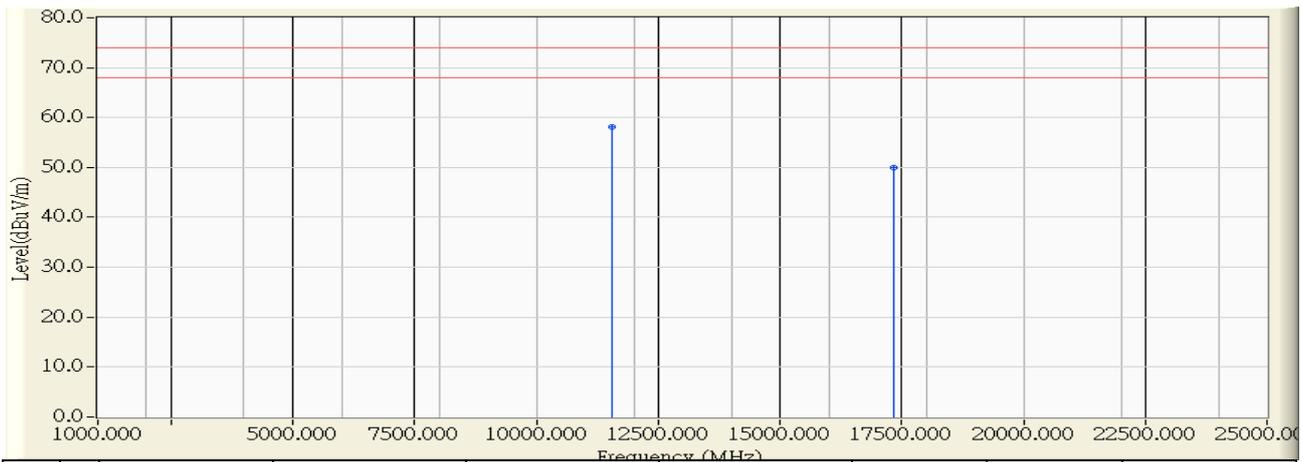


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11568.380	10.889	32.560	43.448	-10.552	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:06
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785 MHz

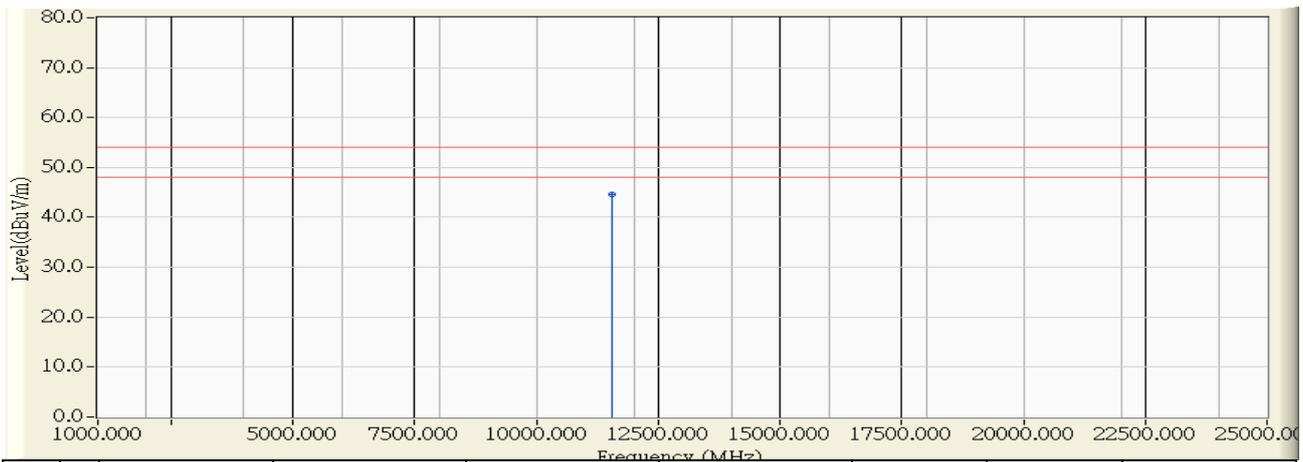


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11568.620	10.887	47.130	58.017	-15.983	74.000	PEAK
2		17337.120	13.569	36.350	49.920	-24.080	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:07
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5785 MHz

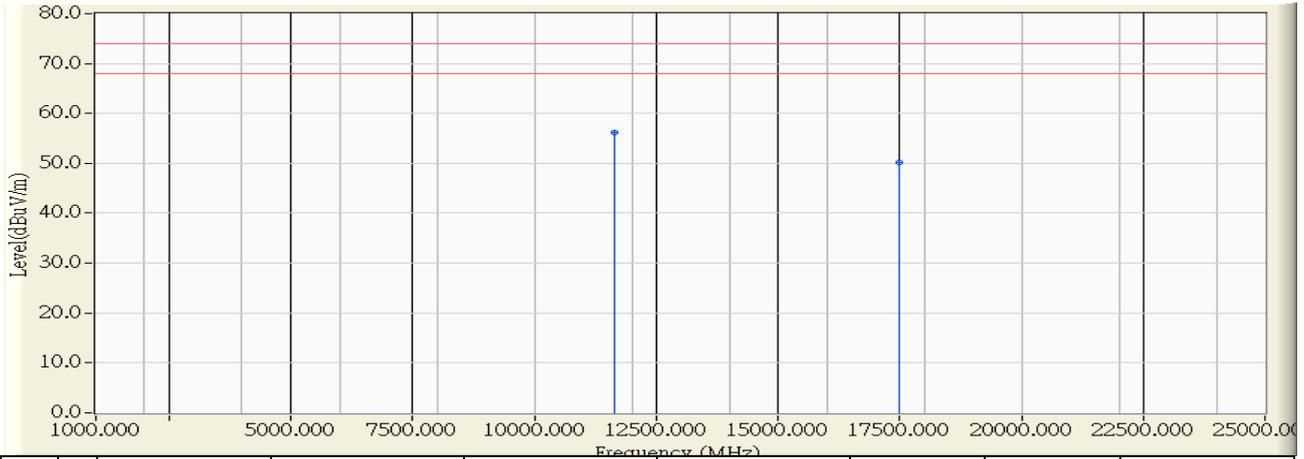


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11568.820	10.887	33.640	44.527	-9.473	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:09
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5825 MHz

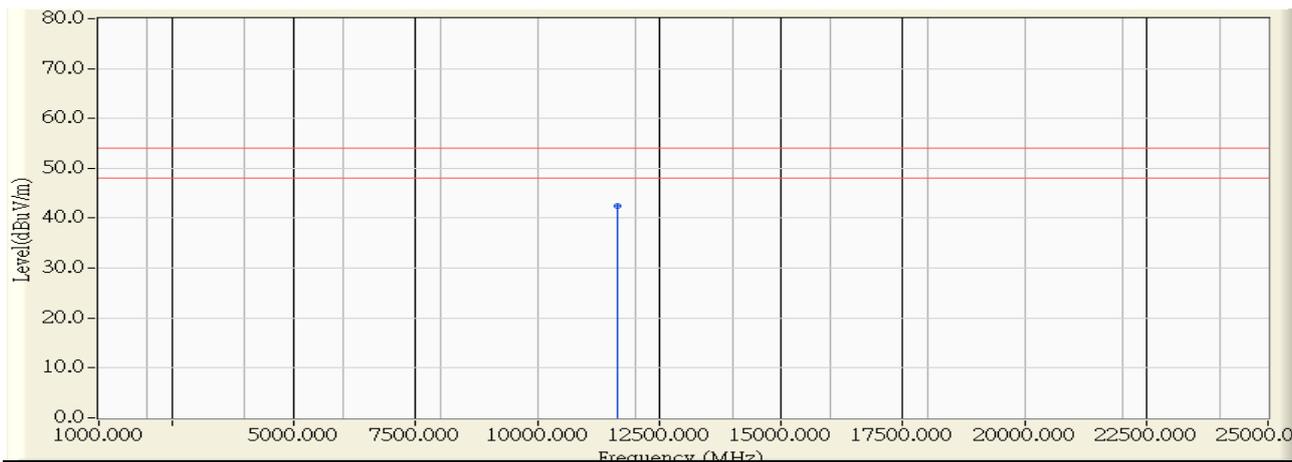


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11653.400	10.687	45.470	56.156	-17.844	74.000	PEAK
2		17480.000	13.655	36.480	50.134	-23.866	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5825 MHz

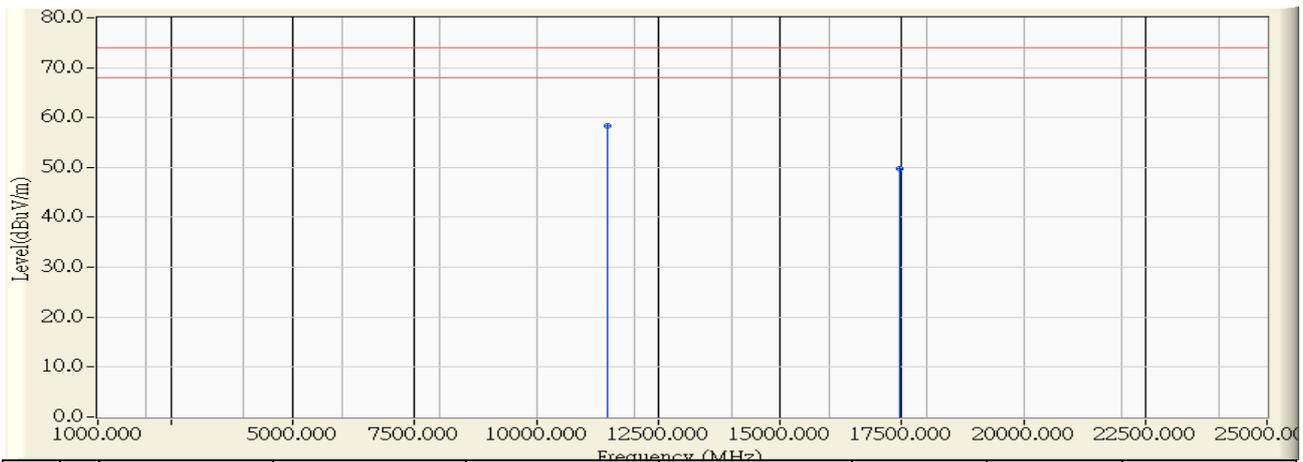


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11648.480	10.699	31.870	42.568	-11.432	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:15
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5825 MHz

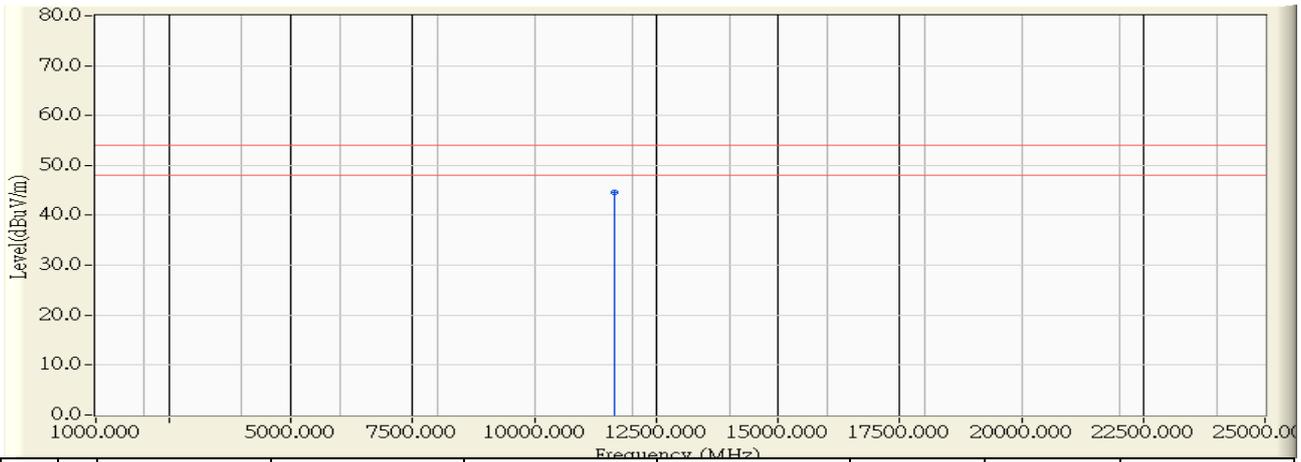


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11468.820	11.123	47.160	58.283	-15.717	74.000	PEAK
2		17468.380	13.521	36.170	49.692	-24.308	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:15
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5825 MHz

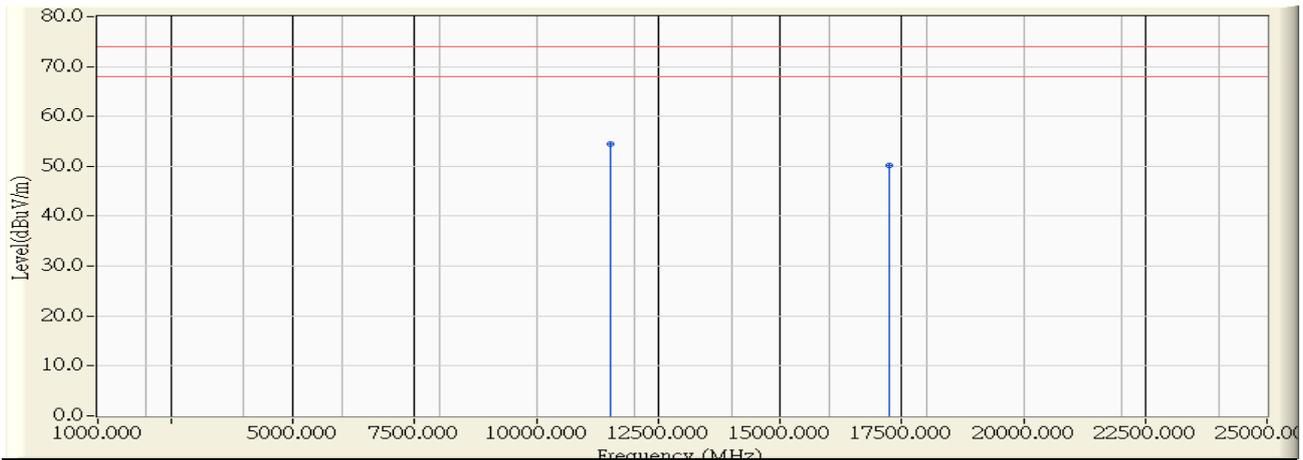


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11648.740	10.697	33.810	44.507	-9.493	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2014/06/24 - 22:20
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

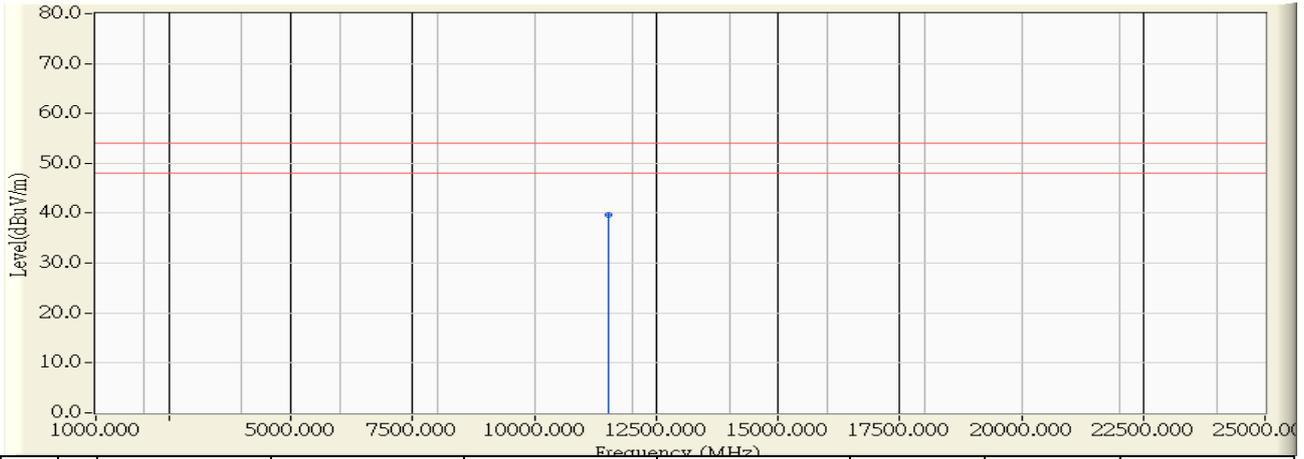


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11508.120	11.031	43.430	54.461	-19.539	74.000	PEAK
2		17254.440	13.652	36.580	50.233	-23.767	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:20
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

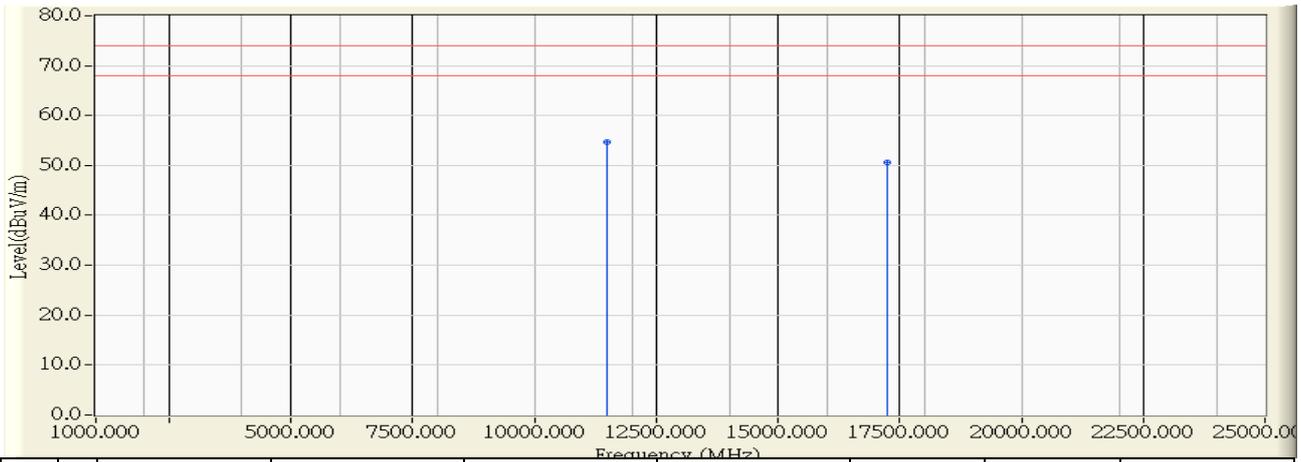


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11508.320	11.031	28.610	39.641	-14.359	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:26
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

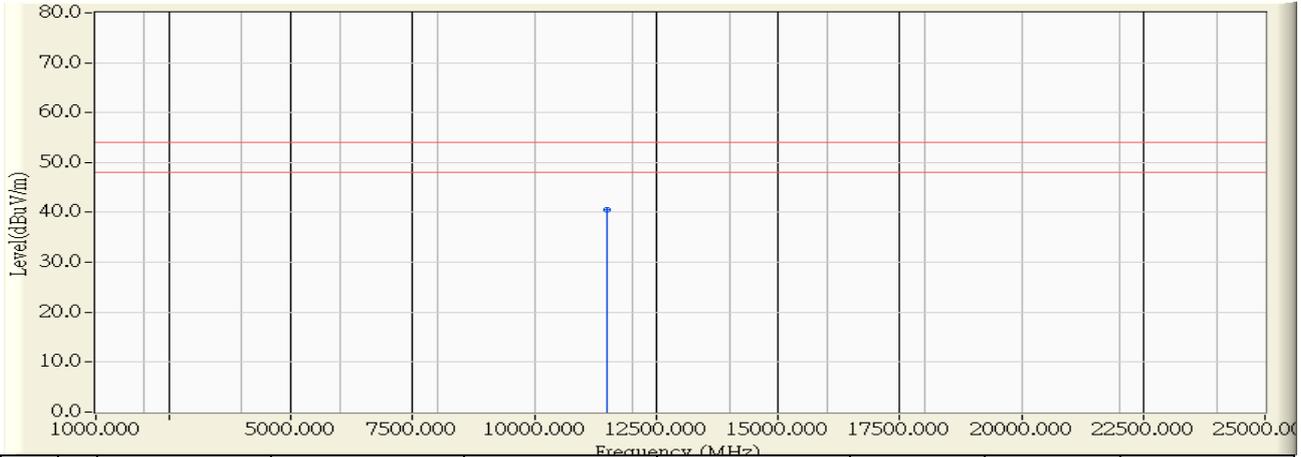


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11496.840	11.058	43.540	54.598	-19.402	74.000	PEAK
2		17252.840	13.654	36.860	50.514	-23.486	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:27
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5755MHz

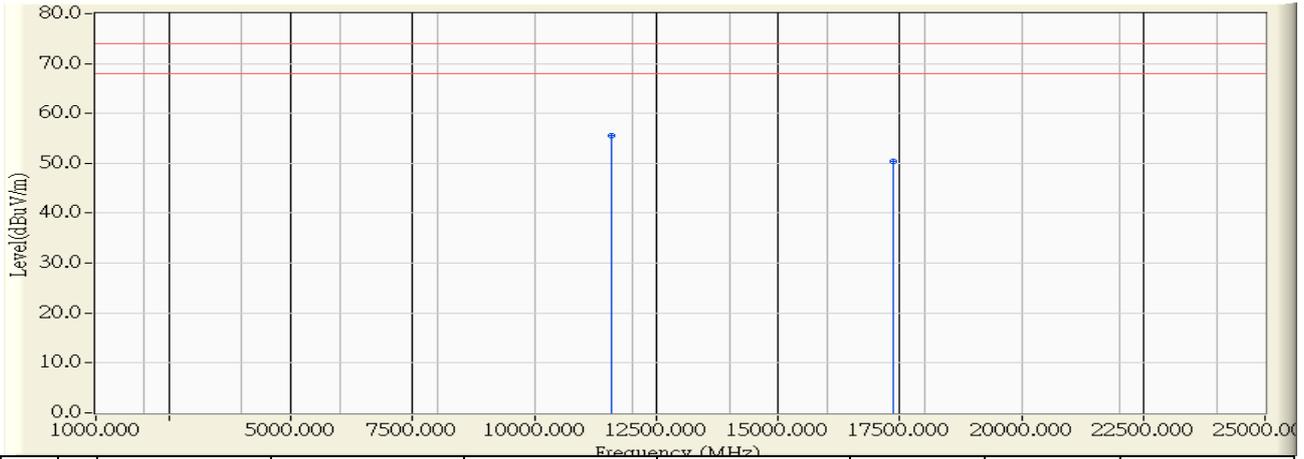


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11507.160	11.034	29.540	40.573	-13.427	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:30
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5795MHz

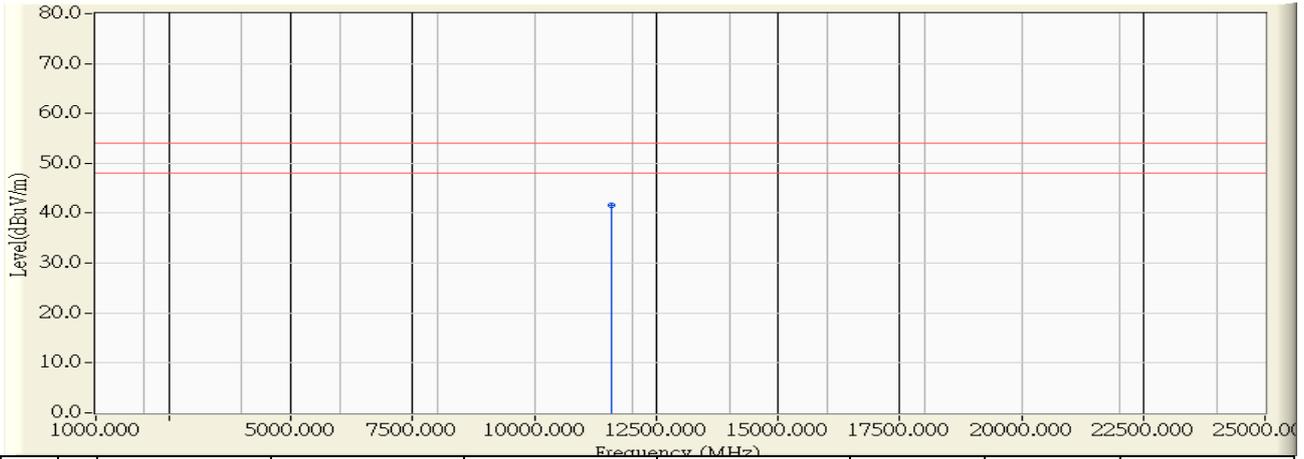


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11588.440	10.841	44.780	55.620	-18.380	74.000	PEAK
2		17370.840	13.536	36.940	50.476	-23.524	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:30
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5795MHz

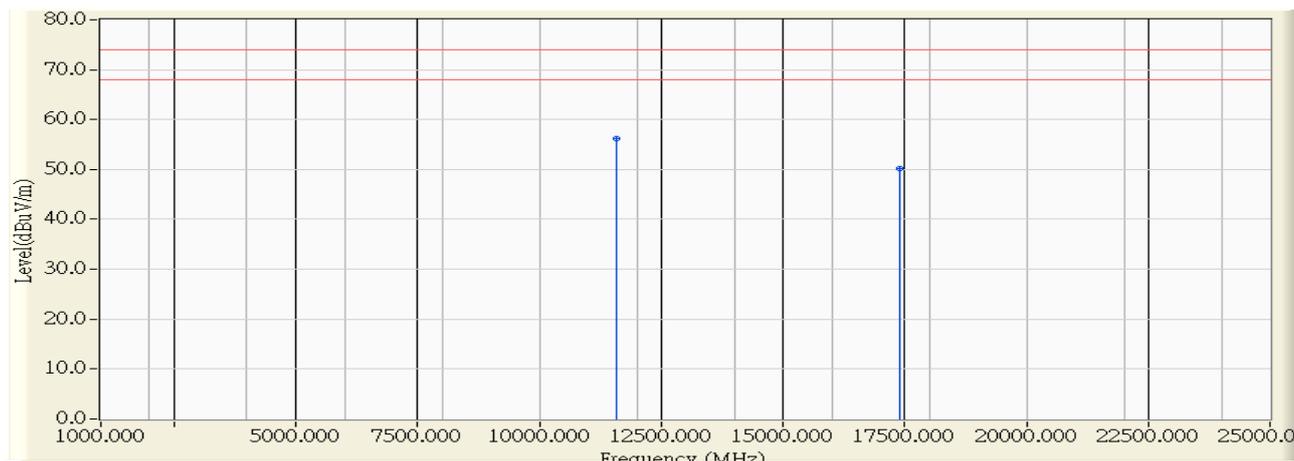


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11588.400	10.841	30.770	41.610	-12.390	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:35
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5795MHz

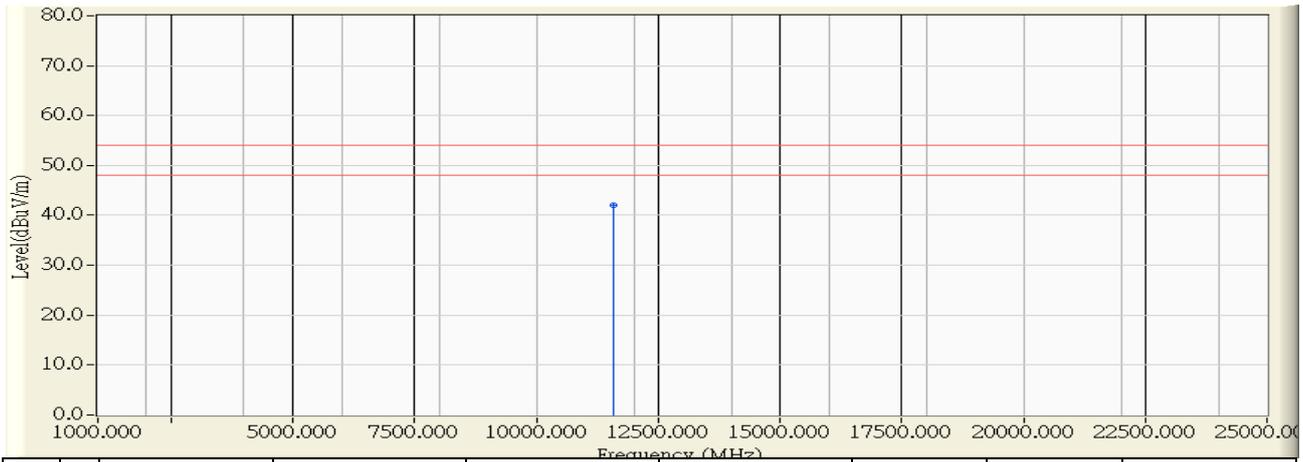


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11598.680	10.815	45.280	56.096	-17.904	74.000	PEAK
2		17395.880	13.511	36.660	50.171	-23.829	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:36
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5795MHz

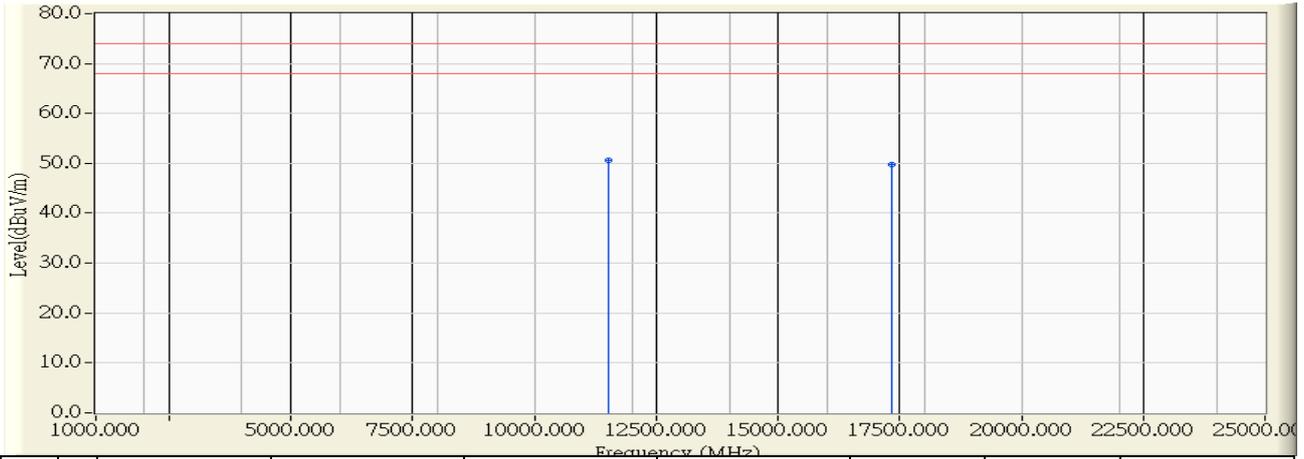


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11588.720	10.839	31.180	42.020	-11.980	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:40
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	Power : AC 120V / 60 Hz
EUT : Wireless-AC1900 Dual Band Gigabit Router	Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5775MHz

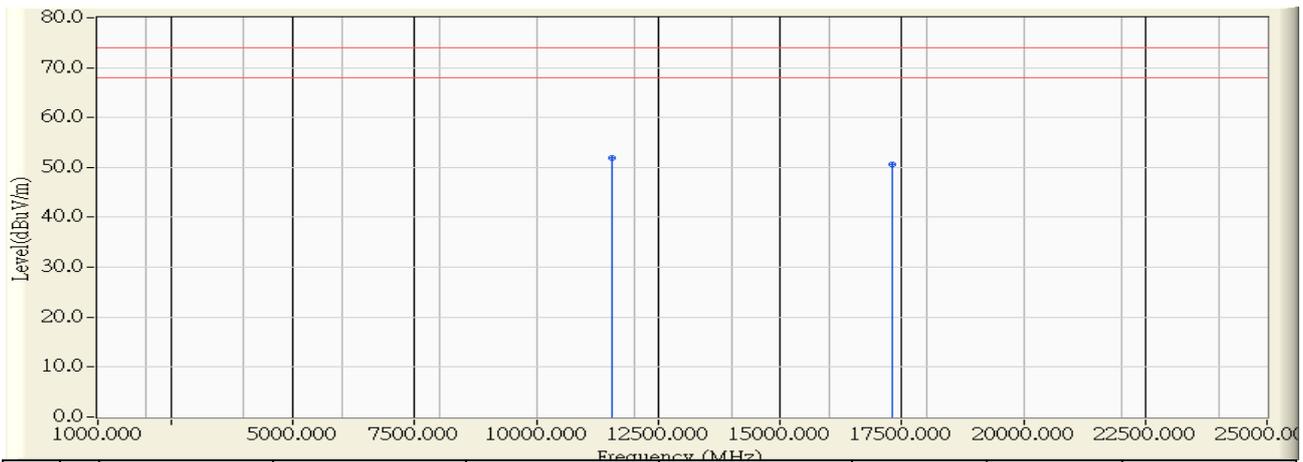


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11525.300	10.990	39.590	50.580	-23.420	74.000	PEAK
2		17349.050	13.558	36.190	49.748	-24.252	74.000	PEAK

**Note:**

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

Site : CB1	Time : 2014/06/24 - 22:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	Power : AC 120V / 60 Hz
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/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11546.100	10.941	40.900	51.841	-22.159	74.000	PEAK
2		17313.750	13.593	37.030	50.623	-23.377	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 = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. 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.