

FCC Test Report

Product Name : Wireless-AC2600 Dual Band Gigabit Router
Trade Name : ASUS
Model No. : BLUE CAVE
FCC ID. : MSQ-RTHK00

Applicant : ASUSTeK COMPUTER INC.

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

Date of Receipt : Apr. 06, 2017

Issued Date : May 15, 2017

Report No. : 1740167R-RFUSP28V00

Report Version : V1.0



The test results relate only to the samples tested.

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Test Report Certification

Issued Date : May 15, 2017

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Product Name : Wireless-AC2600 Dual Band Gigabit Router
Applicant : ASUSTeK COMPUTER INC.
Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer : ASUSTeK COMPUTER INC.
Model No. : BLUE CAVE
FCC ID. : MSQ-RTHK00
EUT Test Voltage : AC 100-240V, 50-60Hz
Testing Voltage : AC 120V/60Hz
Trade Name : ASUS
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2015
ANSI C63.10: 2013
KDB 558074 D01 v03r04 / KDB 662911 D01 V02r01
Laboratory Name : Hsin Chu Laboratory
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Test Result : Complied

Documented By :



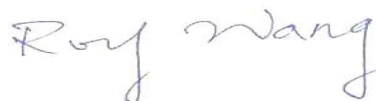
(Carol Tsai / Senior Engineering Adm. Specialist)

Tested By :



(Scott Chang / Assistant Engineer)

Approved By :



(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1740167R-RFUSP28V00	V1.0	Initial issue of report	May 15, 2017

Laboratory Information

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

Taiwan R.O.C.	: TAF, Accreditation Number: 3024
USA	: FCC, Registration Number: 834100
Canada	: IC, Submission No: 181665 / IC Registration Number: 22397-1 / 22397-2 / 22397-3

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TABLE OF CONTENTS

Description	Page
1. General Information.....	8
1.1. EUT Description	8
1.2. Test Mode	12
1.3. Tested System Details	13
1.4. Configuration of tested System	13
1.5. EUT Exercise Software	13
1.6. Test Facility.....	14
1.7. Duty Cycle	15
2. Conducted Emission	19
2.1. Test Equipment.....	19
2.2. Test Setup	19
2.3. Limits	20
2.4. Test Procedure	20
2.5. Test Specification.....	20
2.6. Uncertainty	20
2.7. Test Result.....	21
3. Peak Power Output	25
3.1. Test Equipment.....	25
3.2. Test Setup	25
3.3. Test procedures.....	25
3.4. Limits	25
3.5. Test Specification.....	25
3.6. Uncertainty	25
3.7. Test Result.....	26
4. Radiated Emission	115
4.1. Test Equipment.....	115
4.2. Test Setup	116
4.3. Limits	117
4.4. Test Procedure	117
4.5. Test Specification.....	117
4.6. Uncertainty	117
4.7. Test Result.....	118
5. RF antenna conducted test	170
5.1. Test Equipment.....	170

5.2.	Test Setup	170
5.3.	Limits	171
5.4.	Test Procedure	171
5.5.	Test Specification.....	171
5.6.	Uncertainty	171
5.7.	Test Result.....	172
6.	Radiated Emission Band Edge.....	237
6.1.	Test Equipment.....	237
6.2.	Test Setup	237
6.3.	Limits	238
6.4.	Test Procedure	238
6.5.	Test Specification.....	238
6.6.	Uncertainty	238
6.7.	Test Result.....	239
7.	DTS Bandwidth	311
7.1.	Test Equipment.....	311
7.2.	Test Setup	311
7.3.	Test Procedures	311
7.4.	Limits	311
7.5.	Test Specification.....	311
7.6.	Uncertainty	311
7.7.	Test Result.....	312
8.	Occupied Bandwidth	351
8.1.	Test Equipment.....	351
8.2.	Test Setup	351
8.3.	Test Procedures	351
8.4.	Limits	351
8.5.	Test Specification.....	351
8.6.	Uncertainty	351
8.7.	Test Result.....	352
9.	Power Density	391
9.1.	Test Equipment.....	391
9.2.	Test Setup	391
9.3.	Limits	391
9.4.	Test Procedures	391
9.5.	Test Specification.....	391

9.6.	Uncertainty	391
9.7.	Test Result.....	392
Attachment 1.....		463
	Test Setup Photograph	463
Attachment 2.....		468
	EUT External Photograph.....	468
Attachment 3.....		474
	EUT Internal Photograph.....	474

1. General Information

1.1. EUT Description

Product Name	Wireless-AC2600 Dual Band Gigabit Router	
Trade Name	ASUS	
Model No.	BLUE CAVE	
Frequency Range/ Channel Number	IEEE 802.11b/g/ IEEE 802.11n (20MHz)	2412~2462MHz / 11 Channels
	IEEE 802.11n (40MHz)	2422~2452MHz / 7Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 9, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 23 and bandwidth defined in 802.11n

Antenna Information	
Antenna Type	Internal dipole antenna
Antenna Gain (Max effective array gain(dBi))	6.59 dBi

Accessories Information	
LAN Cable	Non-Shielded, 1.5m
Power Adatper (Level 6)	ASUS, AD890326 I/P : 100-240V~ 50/60Hz 0.8A O/P : 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 2.4m
Power Adatper (Level 6)	ASUS, ADP-33AW B I/P : 100-240V~1A 50-60Hz O/P : 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 2.2m

IEEE 802.11n

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

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

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

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 2 – MCS parameters for TX Antenna number = 2

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

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 3 – MCS parameters for TX Antenna number = 3

MCS Index	Modulation	R	N _{BPSCS}	N _{CBPS}		N _{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
24	BPSK	1/2	1	208	432	104	216	26.00	54.00	28.80	60.00
25	QPSK	1/2	2	416	864	208	432	52.00	108.00	57.60	120.00
26	QPSK	3/4	2	416	864	312	648	78.00	162.00	86.80	180.00
27	16-QAM	1/2	4	832	1728	416	864	104.00	216.00	115.60	240.00
28	16-QAM	3/4	4	832	1728	624	1296	156.00	324.00	172.20	360.00
29	64-QAM	2/3	6	1248	2592	832	1728	208.00	432.00	231.20	480.00
30	64-QAM	3/4	6	1248	2592	936	1944	234.00	486.00	260.00	540.00
31	64-QAM	5/6	6	1248	2592	1040	2040	260.00	540.00	288.80	600.00

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 4 – MCS parameters for TX Antenna number = 4

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

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

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

IEEE 802.11n (40MHz)

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

Note:

1. This device is a Wireless-AC2600 Dual Band Gigabit Router including 2.4GHz b/g/n and 5GHz a/n/ac and BT4.0 / BT 2.0 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 BT2.0/BT4.0/5G transmitting is measured and makes a test report of the number: 1740167R-RFUSP03V00, 1740167R-RFUSP03V00-A and 1740167R-RFUSP43V00.
5. This device is a composite device in accordance with Part 15 regulations. The receiving function was tested and its number is 1740167R-RFUSP01V00.

1.2. Test Mode

DEKRA 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: TX SISO_ADP: AD890326 Mode 2: TX CDD_ADP: AD890326 Mode 3: TX MIMO_ADP: AD890326 Mode 4: TX BF_ADP: AD890326 Mode 5: TX_ADP: ADP-33AW B
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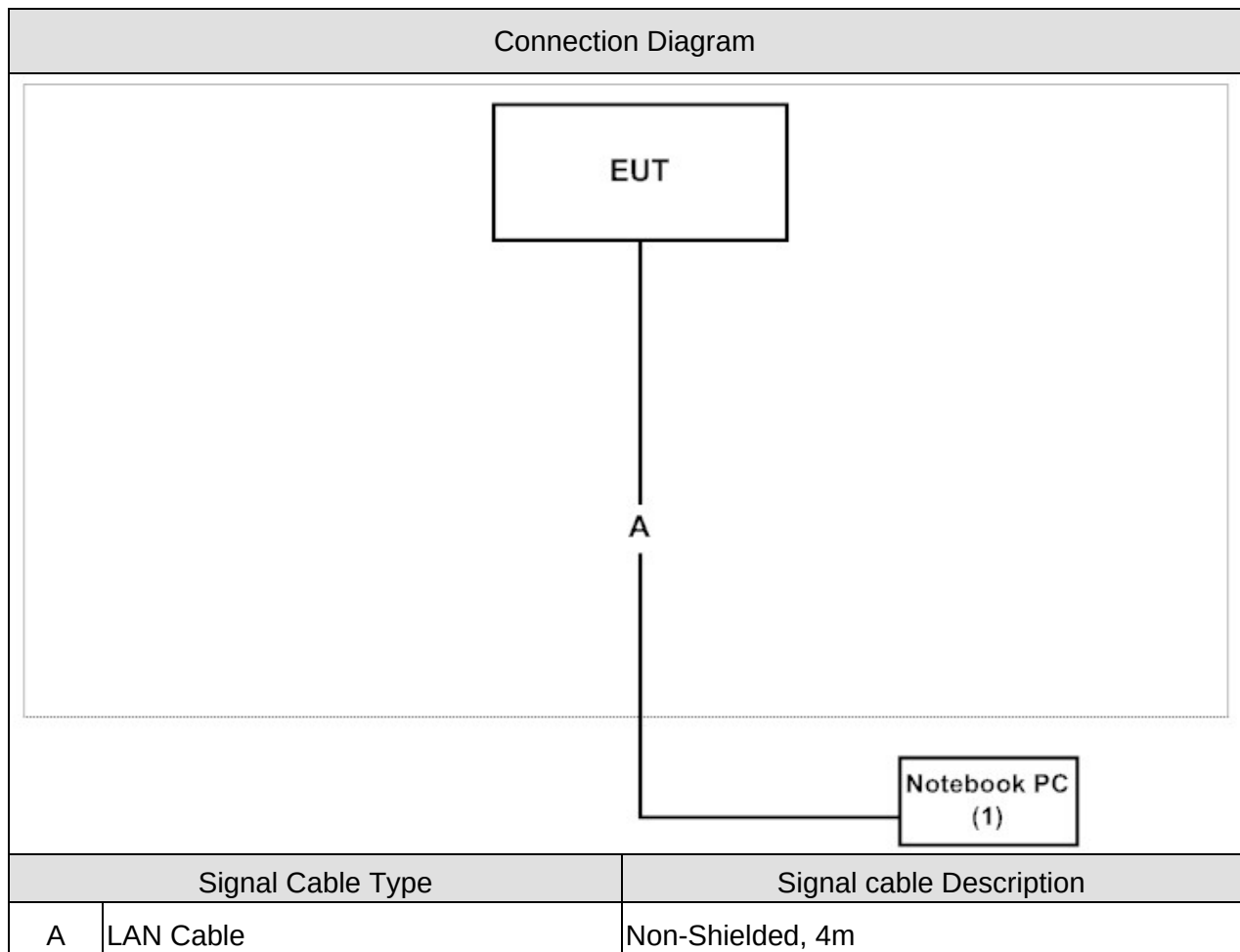
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0+1+2+3	Complies
Peak Power Output	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2+3	Complies
Radiated Emission	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2+3	Complies
RF antenna conducted test	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0/1/2/3	Complies
	11n(40MHz)	3/ 6/ 9	0/1/2/3	Complies
Radiated Emission Band Edge	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2+3	Complies
DTS Bandwidth	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0/1/2/3	Complies
	11n(40MHz)	3 /6 /9	0/1/2/3	Complies
Occupied Bandwidth	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0/1/2/3	Complies
	11n(40MHz)	3/ 6/ 9	0/1/2/3	Complies
Power Density	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9	0+1+2+3	Complies

1.3. Tested System Details

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

	Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	IBM	Think Pad 570	27L8835	DoC	Non-Shielded, 1.8m, one ferrite core bonded

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the "Lantiq DUT" on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press "Start RX" 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	Test Site
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20	3
Humidity (%RH)		25 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	25	2
Humidity (%RH)		25 - 75	65	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	25	2 3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	25	2
Humidity (%RH)		25 - 75	48	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth & DTS Bandwidth	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test site information refers to Laboratory Information.

1.7. Duty Cycle

Modulation	Duty cycle	Radiated offset
802.11b(SISO)	>98%	--
802.11g(CDD)	>98%	--
802.11n20(MIMO)	$\cong 96\%$	0.318
802.11n40(MIMO)	$\cong 93\%$	0.600
802.11n20(BF)	$\cong 94\%$	0.539
802.11n40(BF)	$\cong 96\%$	0.319

Note:

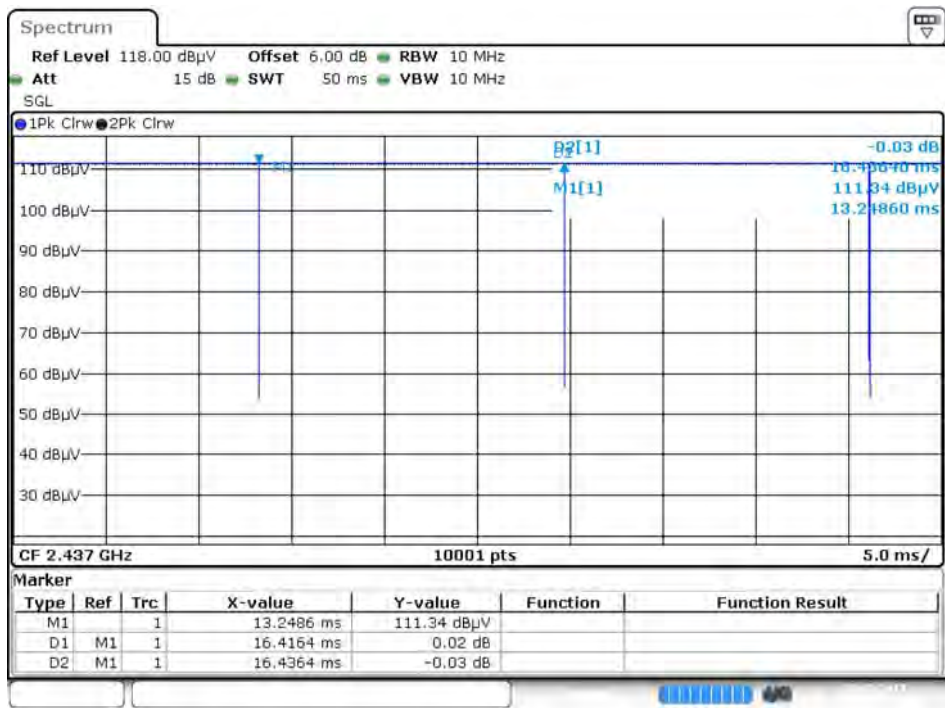
Offset = $20 \log(1/\text{duty cycle})$

Accotding to KDB 789033

If power averaging (rms) mode was used in step (iv) above, the correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

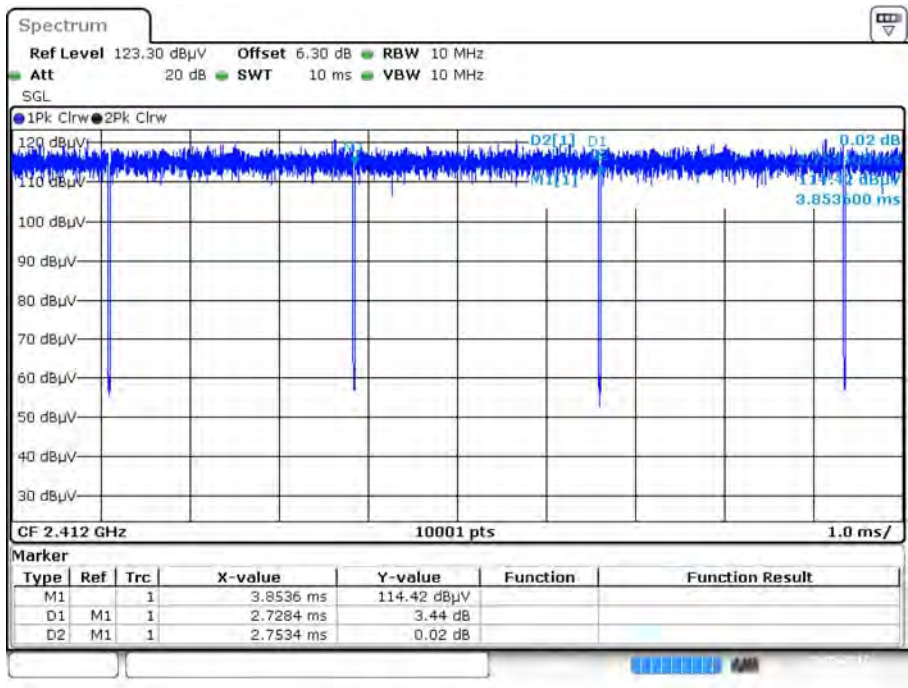
If linear voltage averaging mode was used in step (iv) above, the correction factor is $20 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB must be added to the measured emission levels.

802.11b



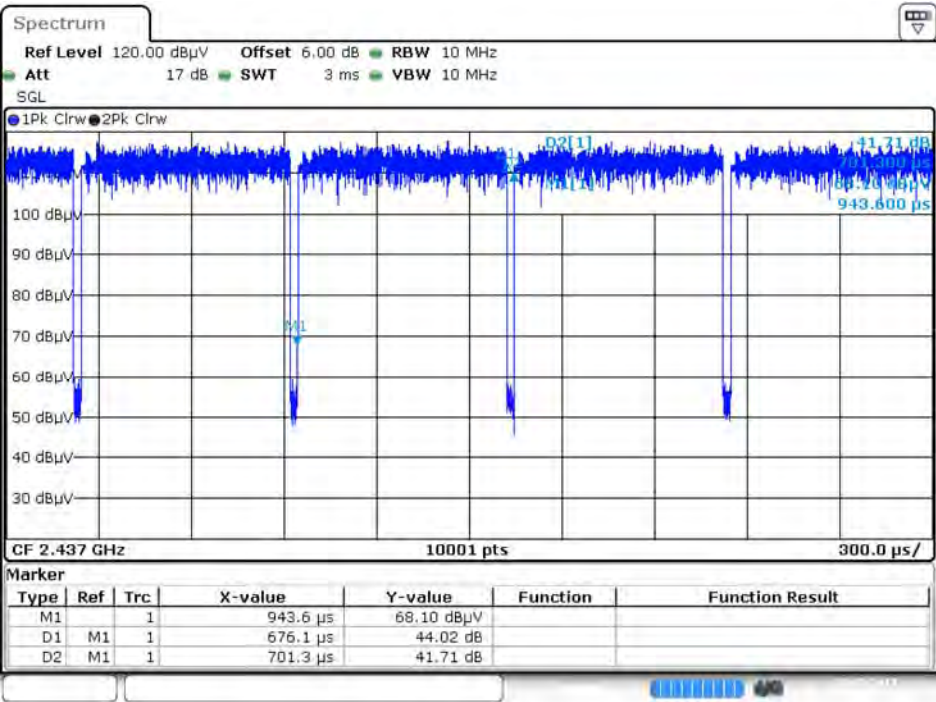
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802.11g



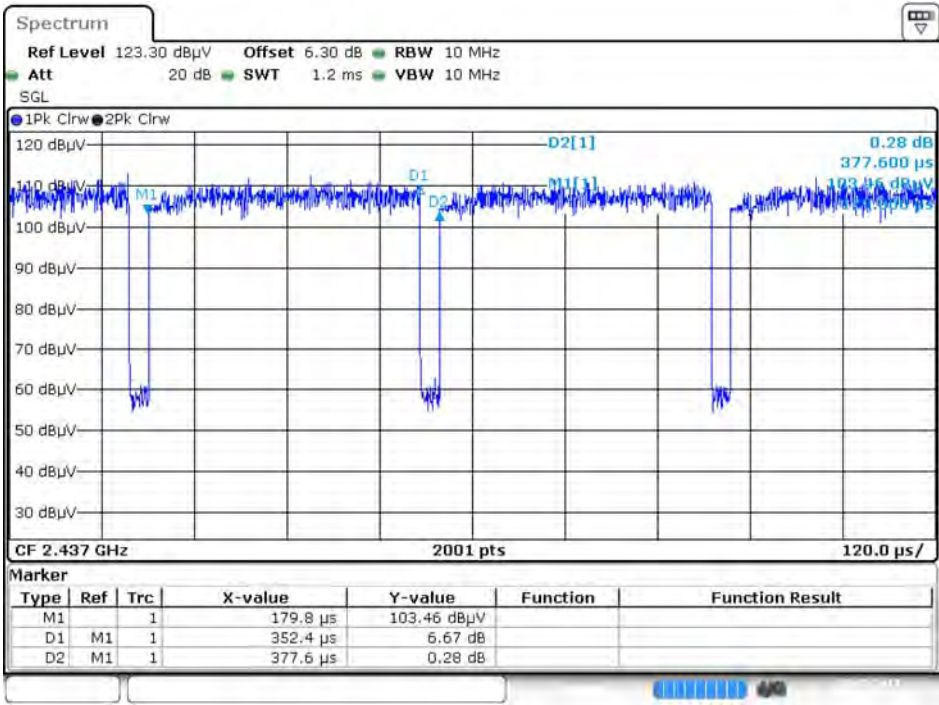
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802.11n 20



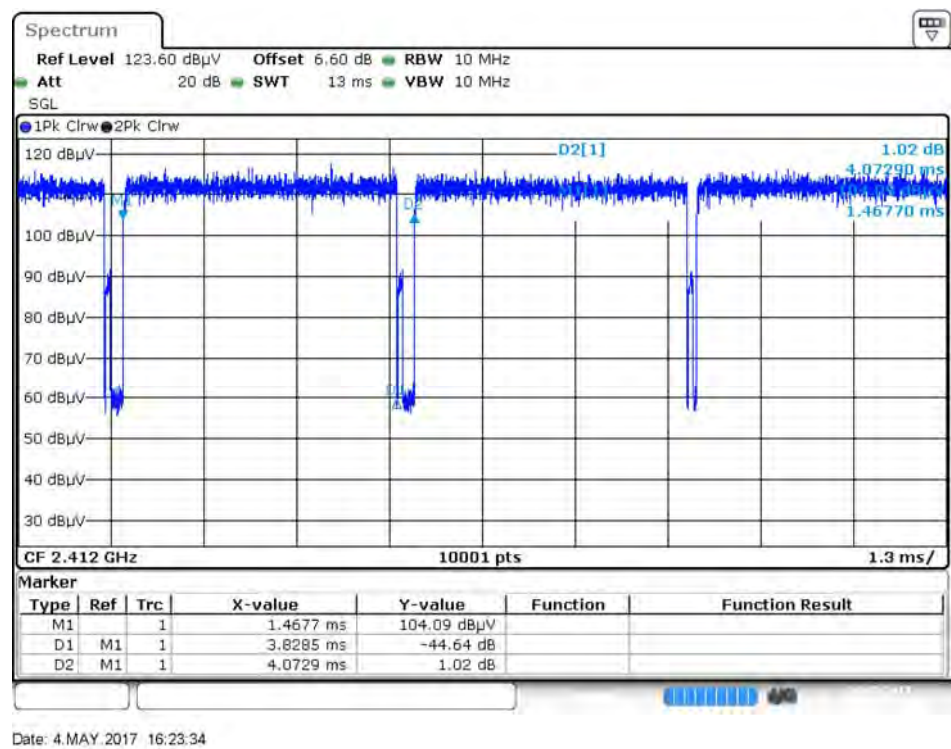
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802.11n 40

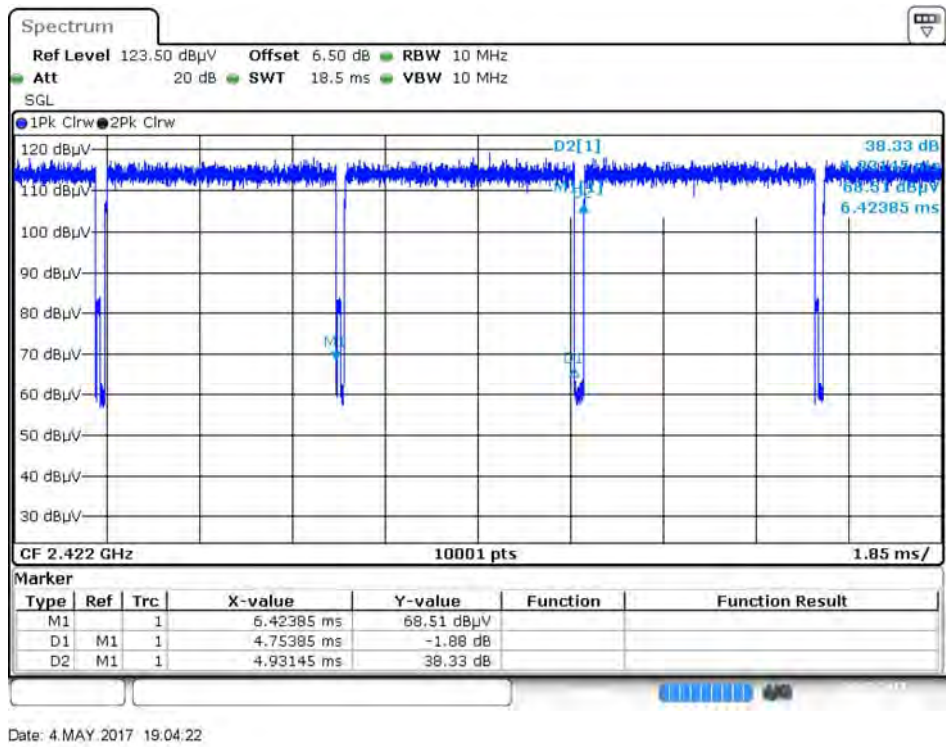


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802.11n 20(BF)



802.11n 40(BF)



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2013 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.5. Test Specification

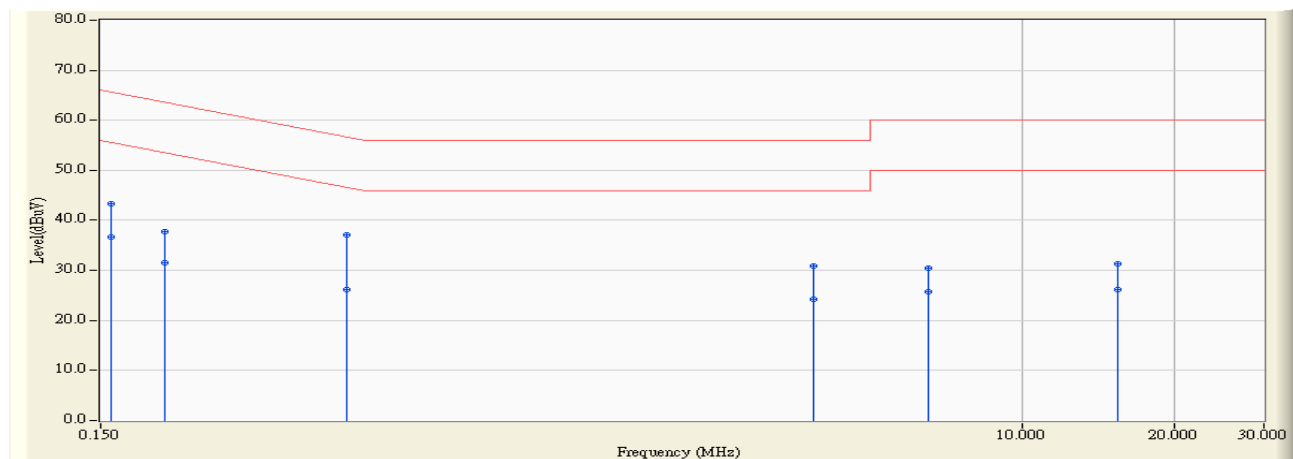
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2-H	Time : 2017/05/02
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

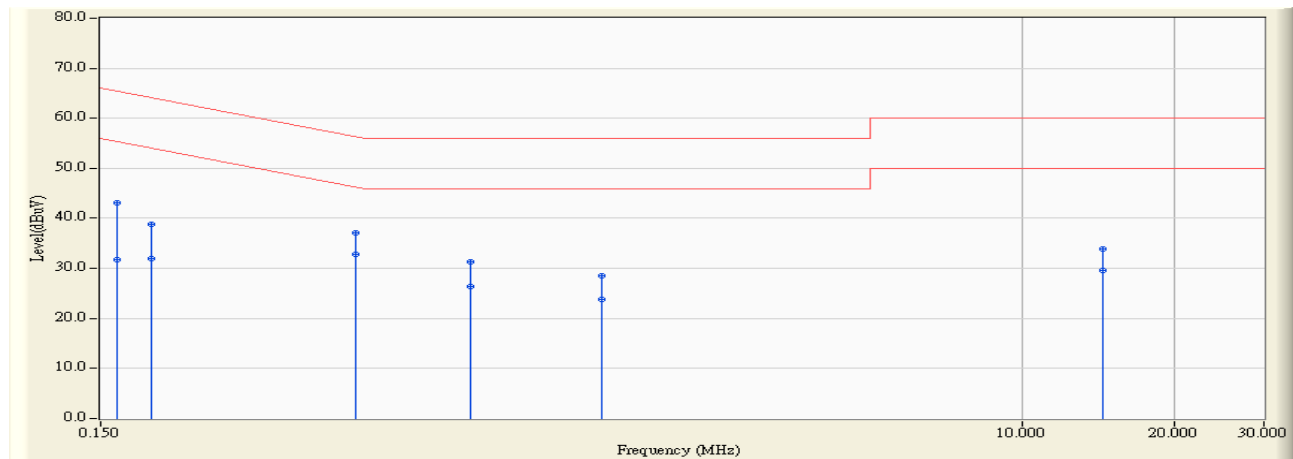


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.751	33.550	43.301	-22.277	65.578	QUASIPeAK
2	*	0.158	9.751	26.930	36.681	-18.897	55.578	AVERAGE
3		0.201	9.750	28.020	37.770	-25.808	63.578	QUASIPeAK
4		0.201	9.750	21.780	31.530	-22.048	53.578	AVERAGE
5		0.459	9.729	27.360	37.089	-19.629	56.718	QUASIPeAK
6		0.459	9.729	16.360	26.089	-20.629	46.718	AVERAGE
7		3.849	9.916	20.870	30.786	-25.214	56.000	QUASIPeAK
8		3.849	9.916	14.340	24.256	-21.744	46.000	AVERAGE
9		6.494	9.984	20.460	30.444	-29.556	60.000	QUASIPeAK
10		6.494	9.984	15.650	25.634	-24.366	50.000	AVERAGE
11		15.431	10.231	21.170	31.400	-28.600	60.000	QUASIPeAK
12		15.431	10.231	15.930	26.160	-23.840	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-H	Time : 2017/05/02
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

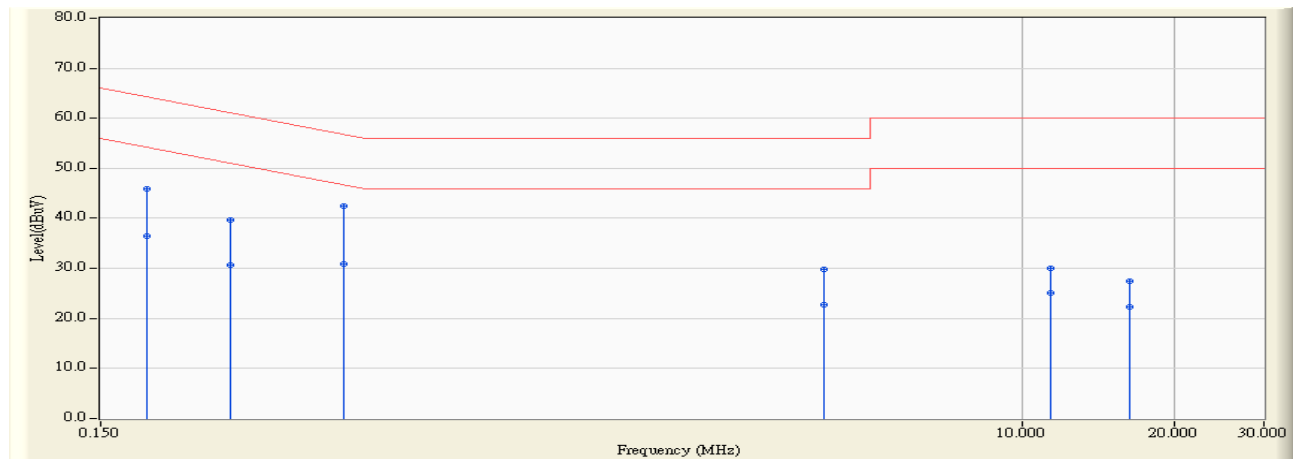


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.754	33.330	43.084	-22.291	65.375	QUASPEAK
2		0.162	9.754	21.950	31.704	-23.671	55.375	AVERAGE
3		0.189	9.751	29.040	38.791	-25.287	64.078	QUASPEAK
4		0.189	9.751	22.170	31.921	-22.157	54.078	AVERAGE
5		0.478	9.746	27.430	37.176	-19.195	56.372	QUASPEAK
6	*	0.478	9.746	23.050	32.796	-13.575	46.372	AVERAGE
7		0.810	9.791	21.490	31.281	-24.719	56.000	QUASPEAK
8		0.810	9.791	16.570	26.361	-19.639	46.000	AVERAGE
9		1.470	9.834	18.750	28.584	-27.416	56.000	QUASPEAK
10		1.470	9.834	13.960	23.794	-22.206	46.000	AVERAGE
11		14.439	10.292	23.650	33.942	-26.058	60.000	QUASPEAK
12		14.439	10.292	19.370	29.662	-20.338	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-H	Time : 2017/04/26
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 5: TX_ADP: ADP-33AW B 802.11n(40M)_2437MHz

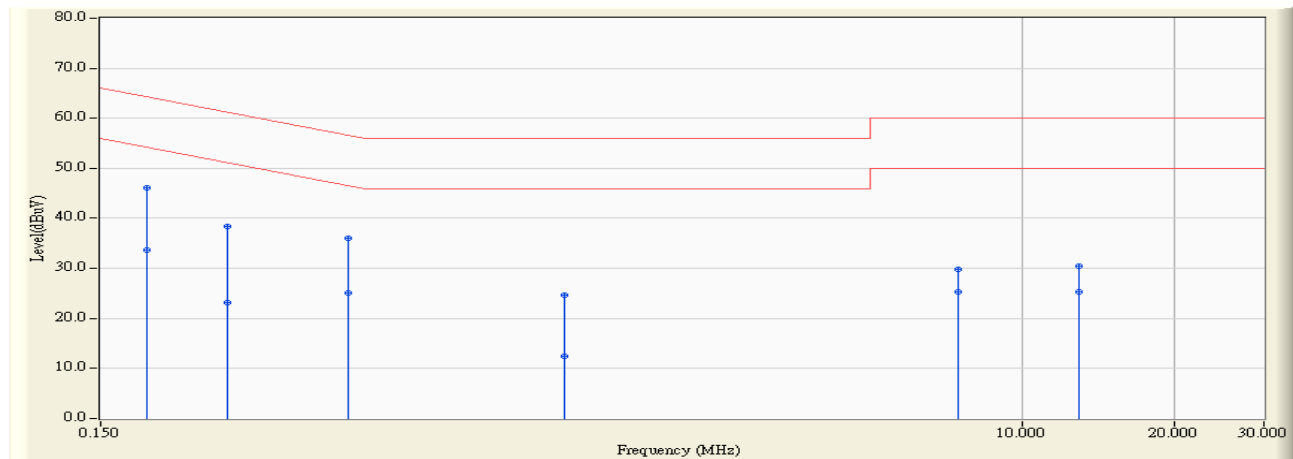


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.751	36.090	45.841	-18.410	64.251	QUASPEAK
2		0.185	9.751	26.730	36.481	-17.770	54.251	AVERAGE
3		0.271	9.743	29.890	39.633	-21.451	61.084	QUASPEAK
4		0.271	9.743	21.020	30.763	-20.321	51.084	AVERAGE
5	*	0.455	9.729	32.840	42.569	-14.220	56.789	QUASPEAK
6		0.455	9.729	21.170	30.899	-15.890	46.789	AVERAGE
7		4.045	9.920	19.800	29.720	-26.280	56.000	QUASPEAK
8		4.045	9.920	12.880	22.800	-23.200	46.000	AVERAGE
9		11.369	10.154	19.920	30.075	-29.925	60.000	QUASPEAK
10		11.369	10.154	14.870	25.025	-24.975	50.000	AVERAGE
11		16.295	10.251	17.150	27.401	-32.599	60.000	QUASPEAK
12		16.295	10.251	12.000	22.251	-27.749	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-H	Time : 2017/04/26
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 5: TX_ADP: ADP-33AW B 802.11n(40M)_2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.185	9.751	36.330	46.081	-18.170	64.251	QUASPEAK
2		0.185	9.751	23.910	33.661	-20.590	54.251	AVERAGE
3		0.267	9.750	28.710	38.460	-22.745	61.205	QUASPEAK
4		0.267	9.750	13.430	23.180	-28.025	51.205	AVERAGE
5		0.463	9.747	26.220	35.967	-20.681	56.648	QUASPEAK
6		0.463	9.747	15.370	25.117	-21.531	46.648	AVERAGE
7		1.240	9.827	14.850	24.677	-31.323	56.000	QUASPEAK
8		1.240	9.827	2.660	12.487	-33.513	46.000	AVERAGE
9		7.470	10.003	19.750	29.752	-30.248	60.000	QUASPEAK
10		7.470	10.003	15.250	25.252	-24.748	50.000	AVERAGE
11		12.931	10.244	20.300	30.544	-29.456	60.000	QUASPEAK
12		12.931	10.244	15.050	25.294	-24.706	50.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

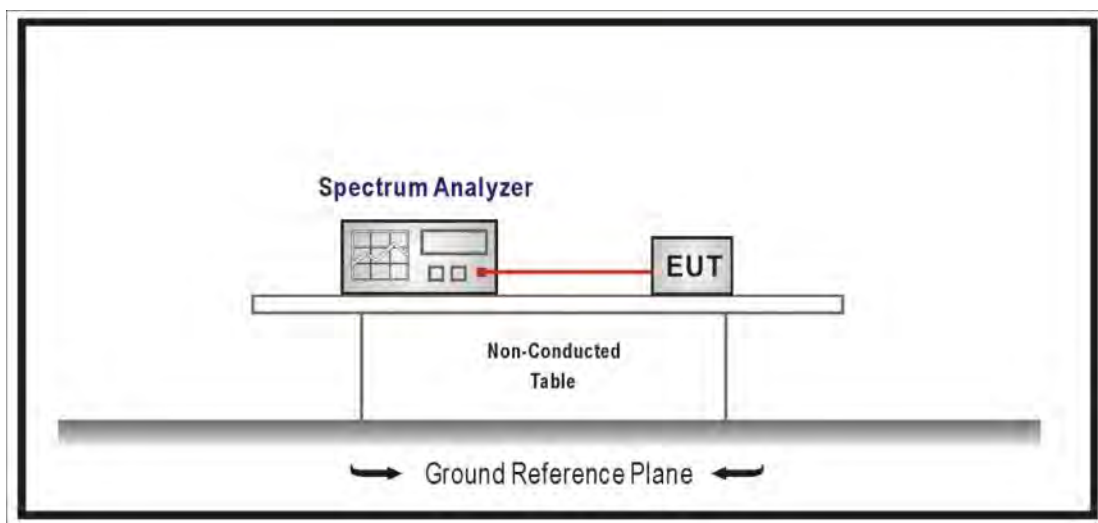
The following test equipment are used during the test:

Peak Power / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 v03r05, Measurement to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

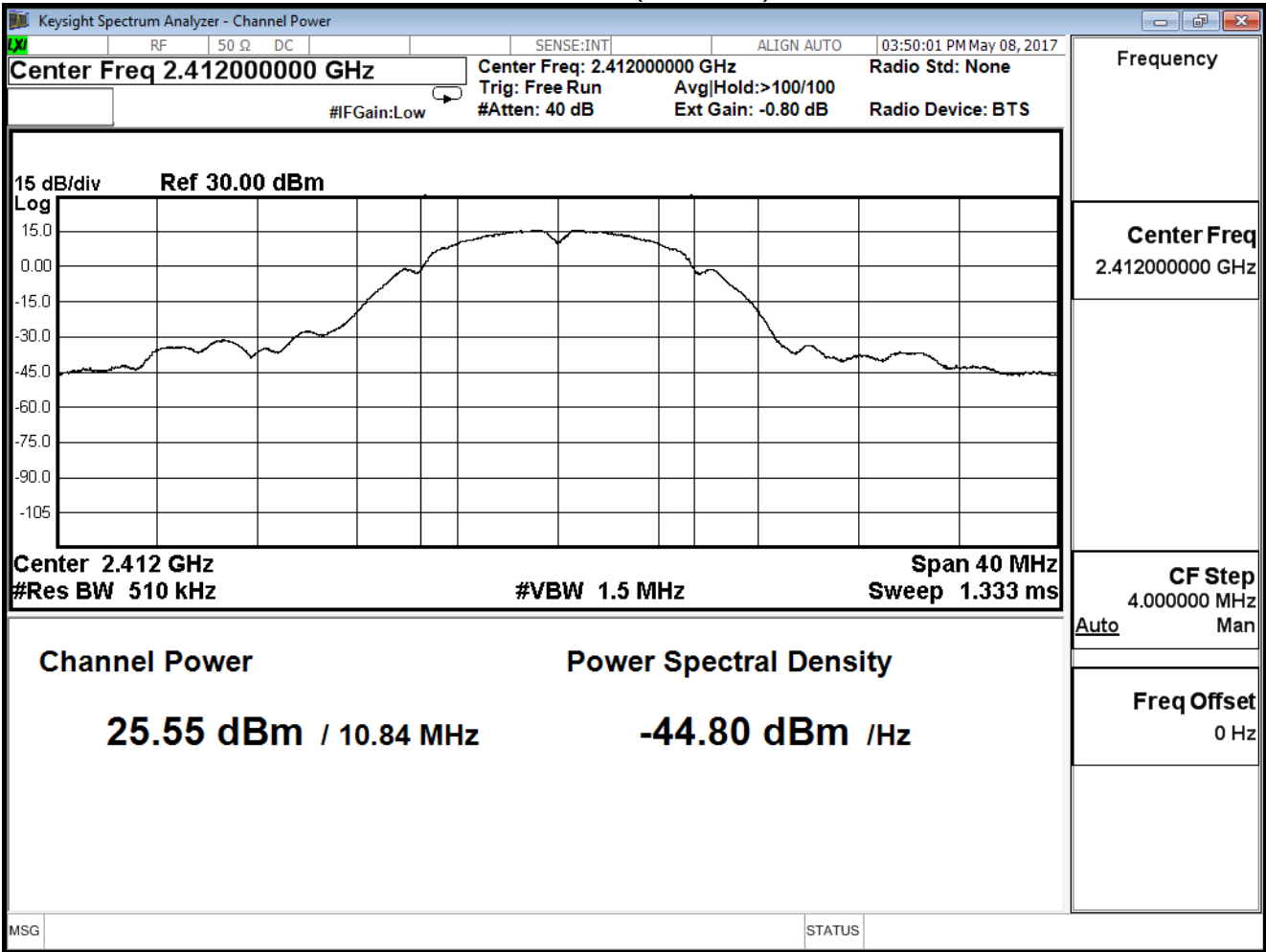
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: TX SISO _ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	25.55	≤ 30
6	2437	29.19	≤ 30
11	2462	27.64	≤ 30

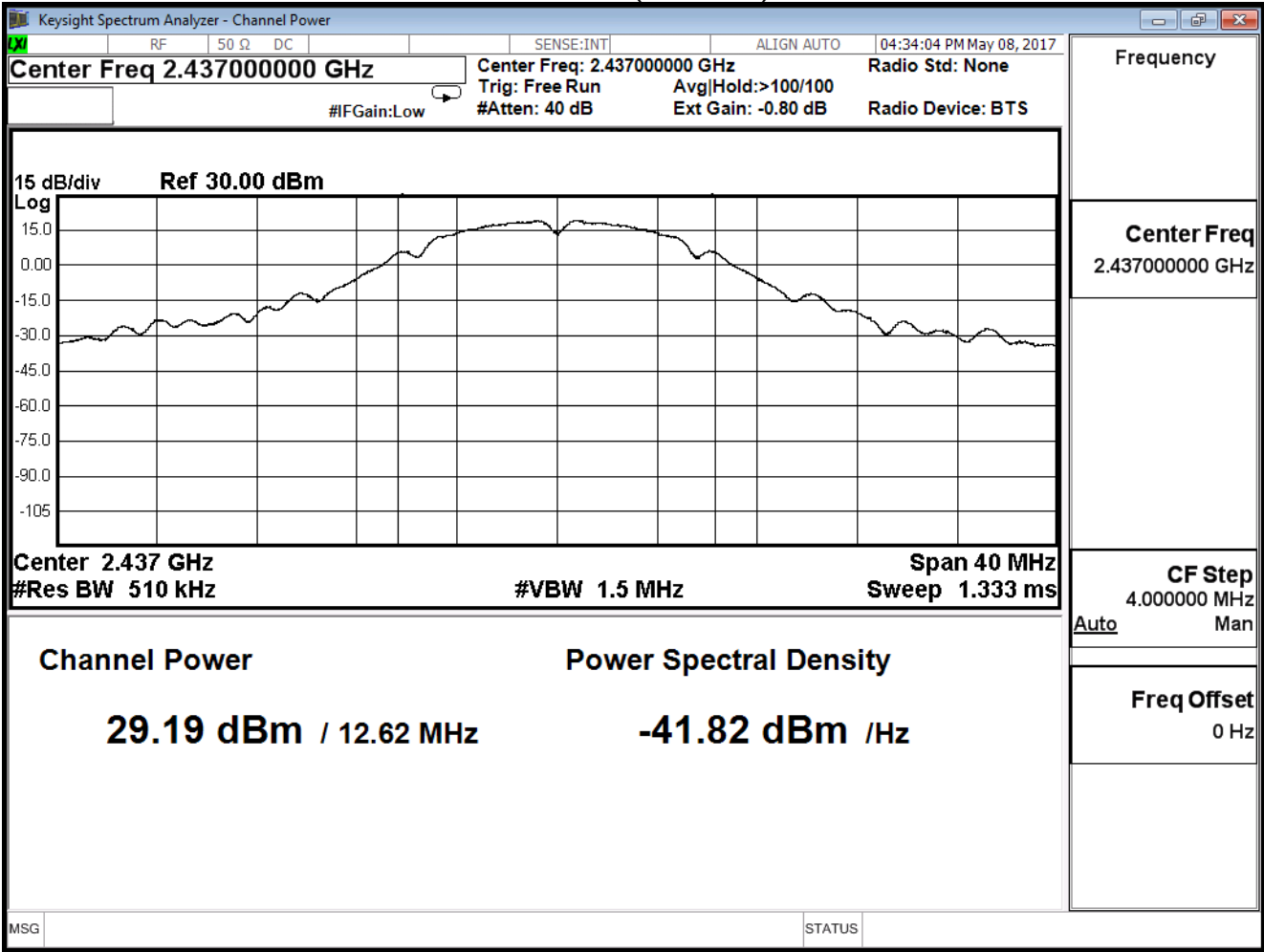
The worst emission of data rate is 1 Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	25.55	--	--	--	≤ 30
6	2437	29.19	29.17	29.13	29.09	≤ 30
11	2462	27.64	--	--	--	≤ 30

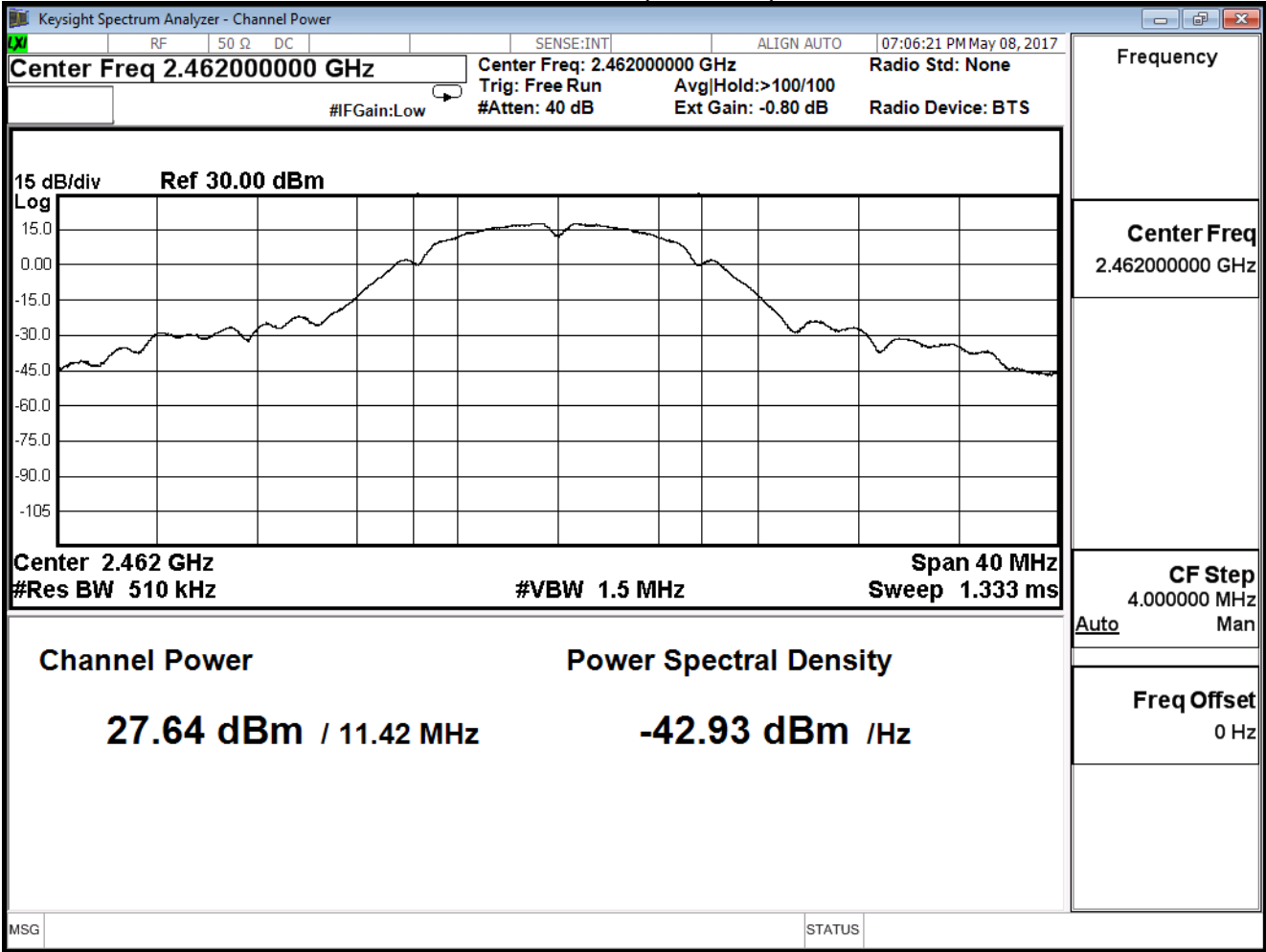
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



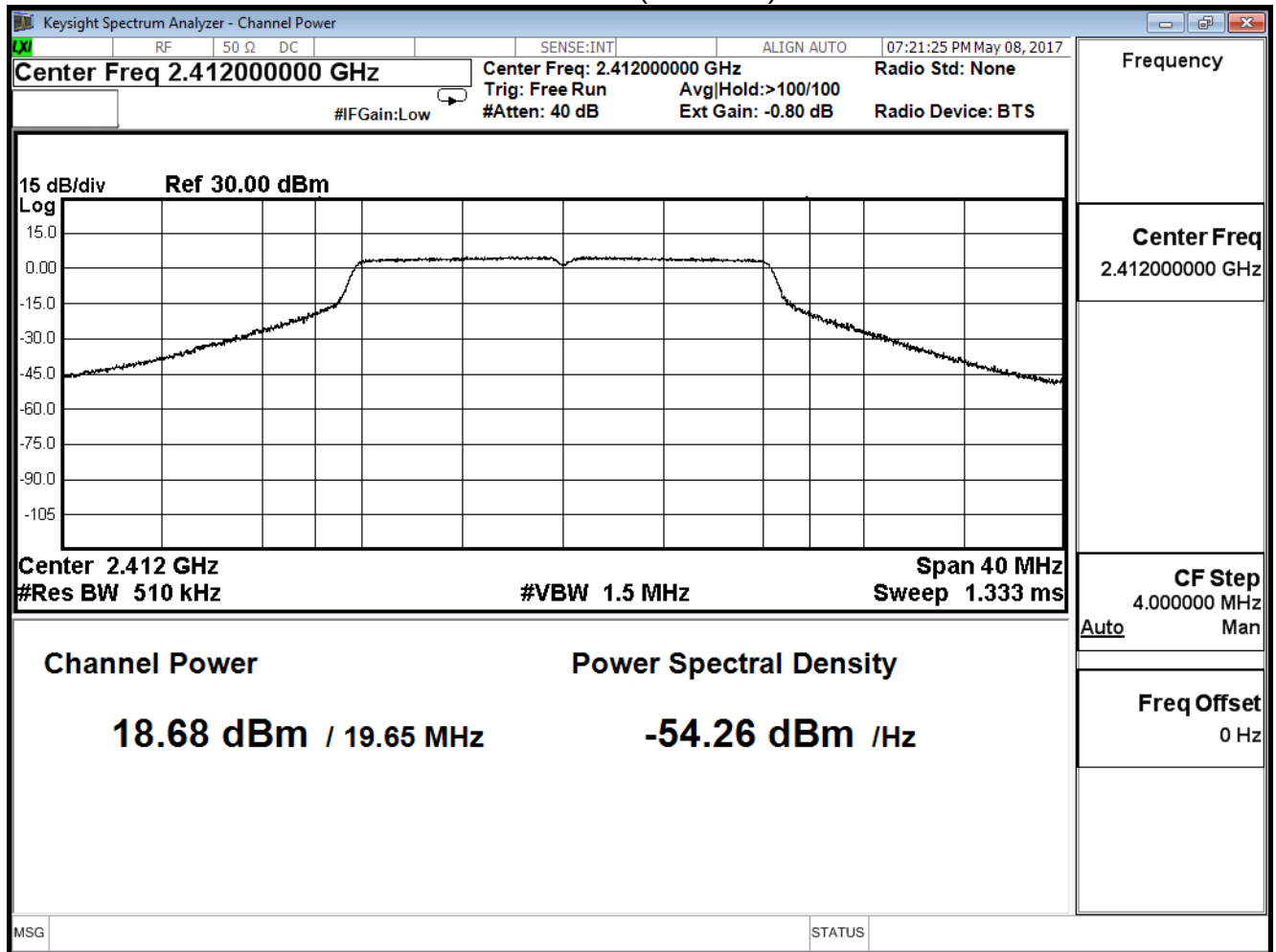
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.68	≤ 30
6	2437	23.52	≤ 30
11	2462	19.10	≤ 30

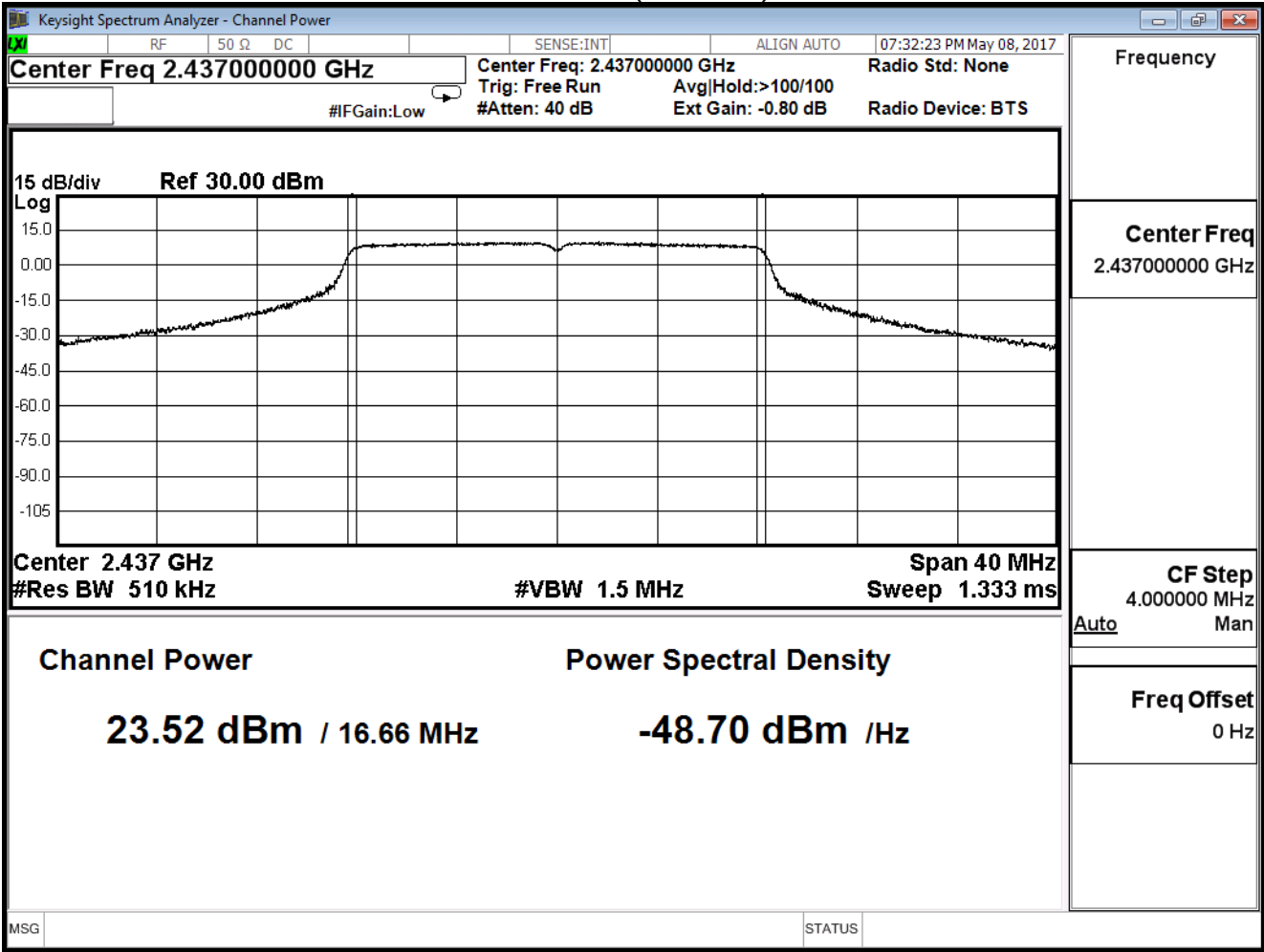
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.68	--	--	--	--	--	--	≤ 30
6	2437	23.52	23.48	23.44	23.39	23.35	23.31	23.27	≤ 30
11	2462	19.10	--	--	--	--	--	--	≤ 30

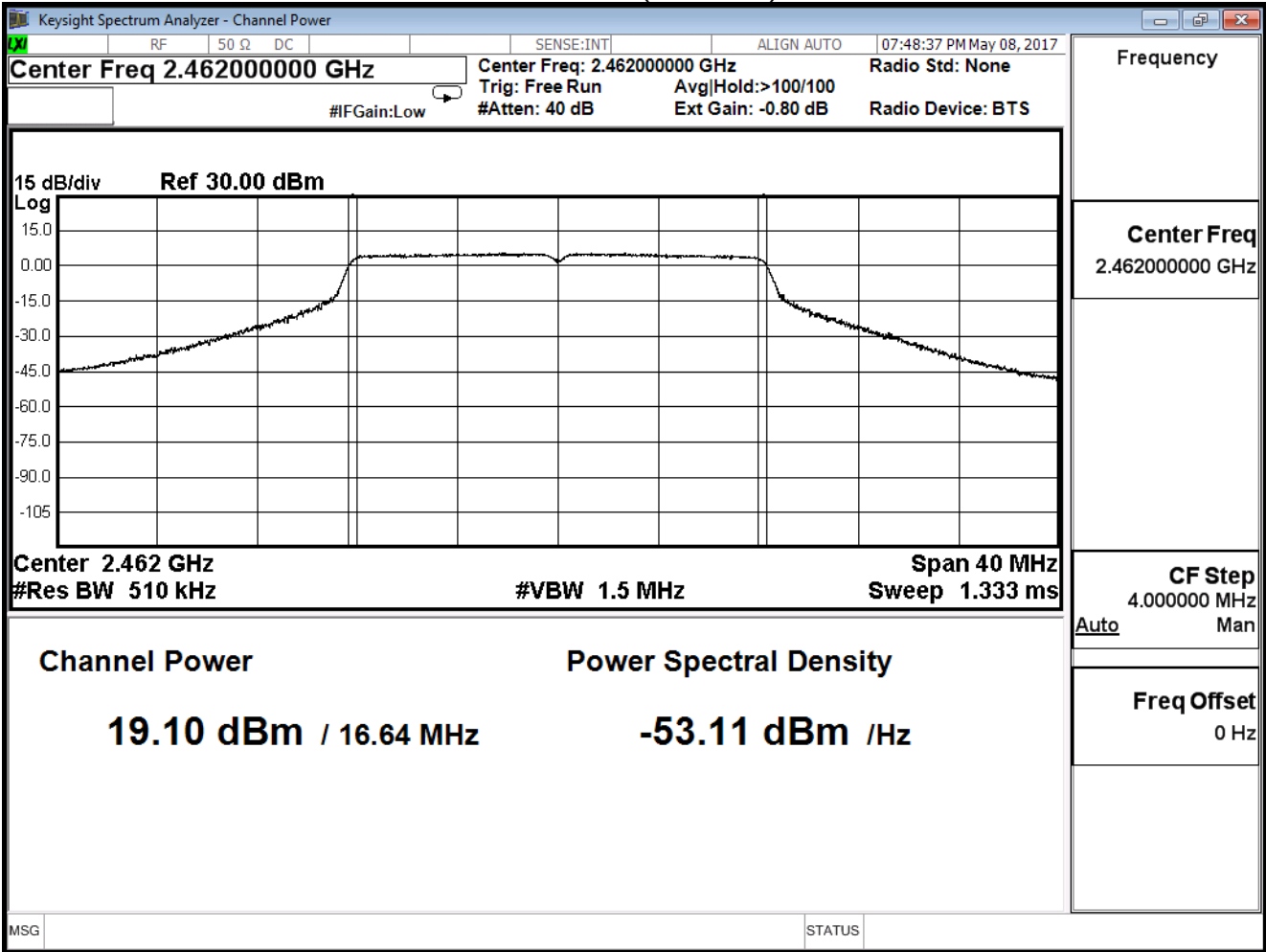
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



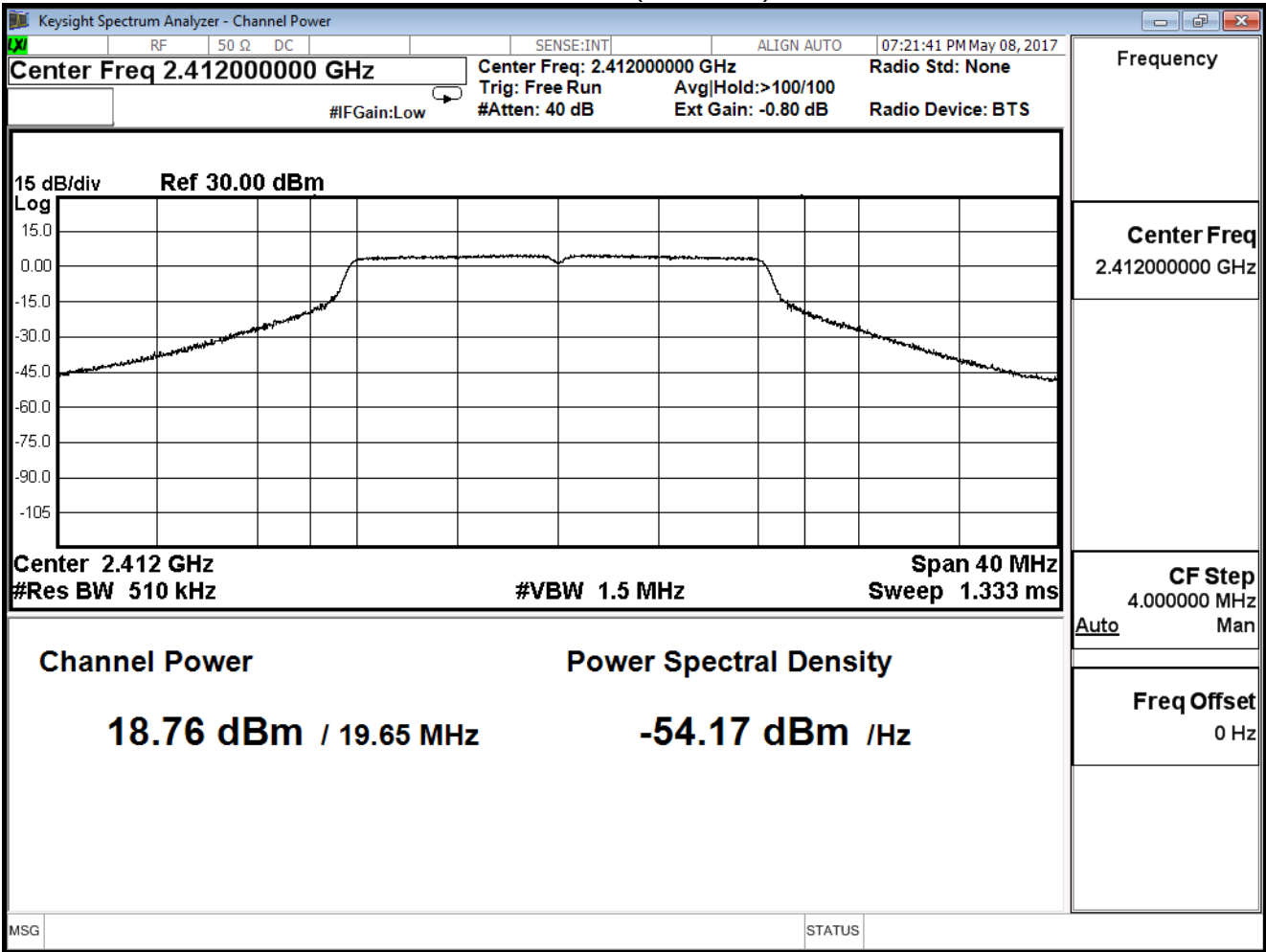
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.76	≤ 30
6	2437	23.54	≤ 30
11	2462	19.18	≤ 30

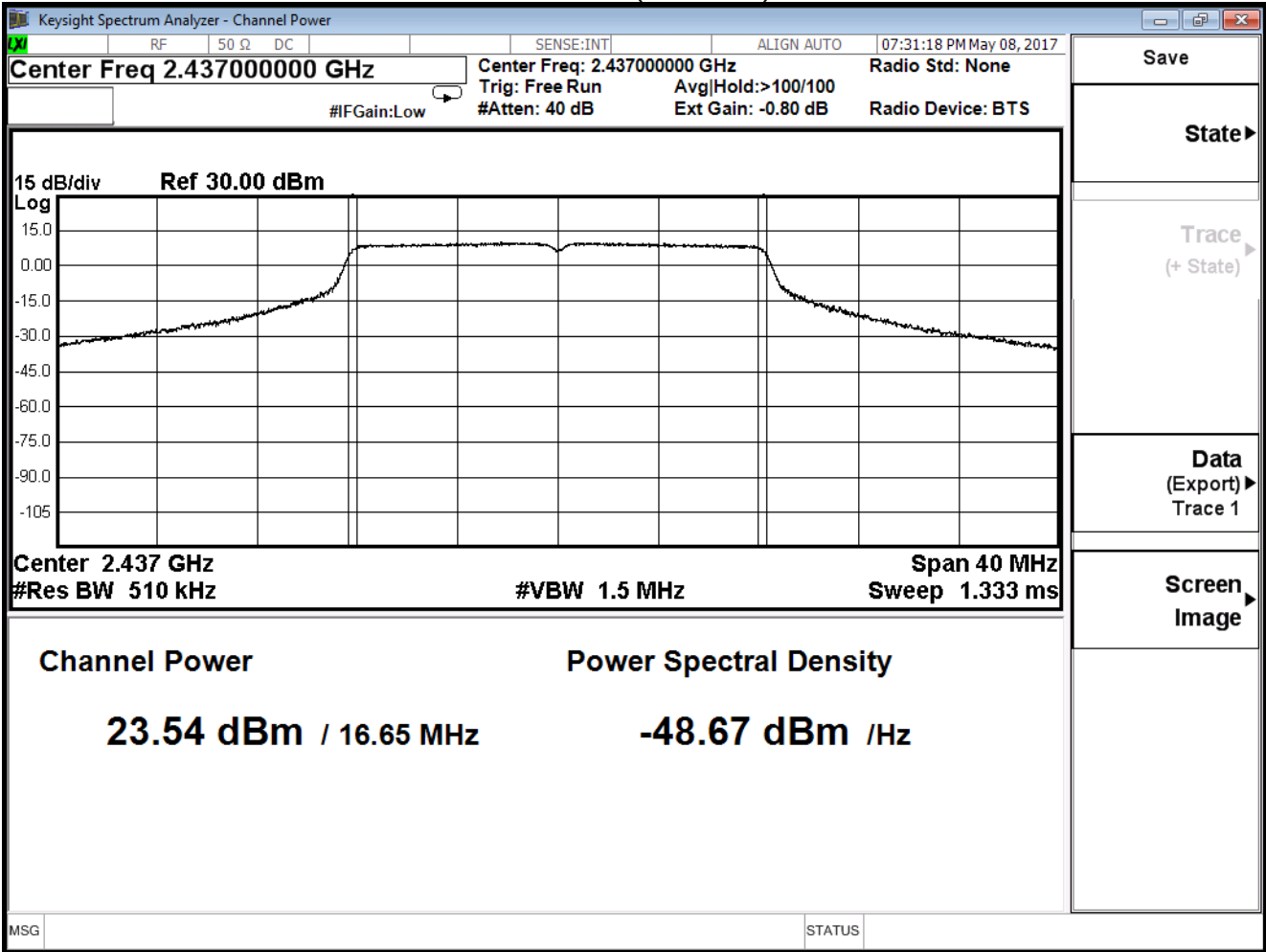
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.76	--	--	--	--	--	--	≤ 30
6	2437	23.54	23.5	23.45	23.39	23.34	23.27	23.22	≤ 30
11	2462	19.18	--	--	--	--	--	--	≤ 30

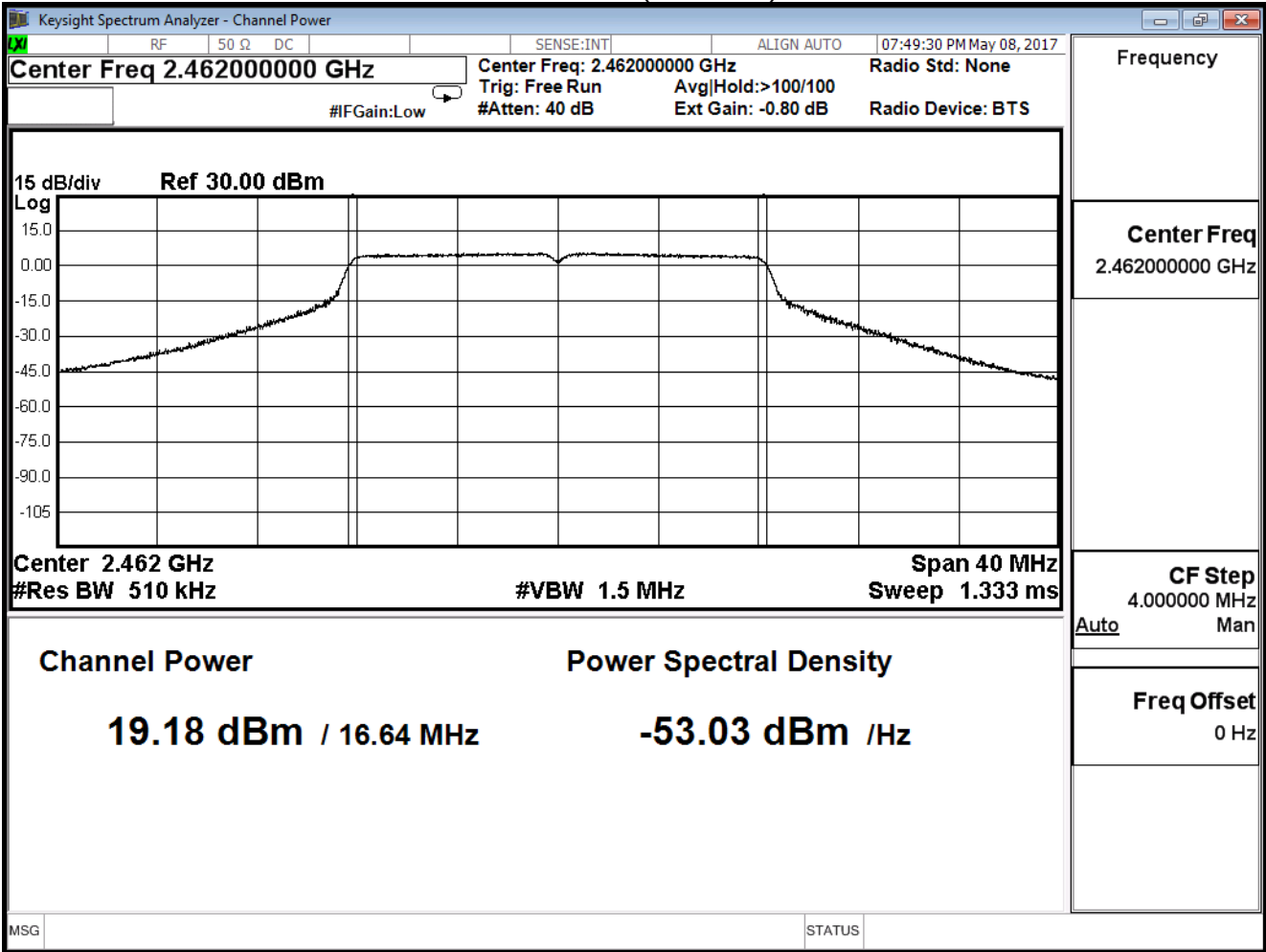
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



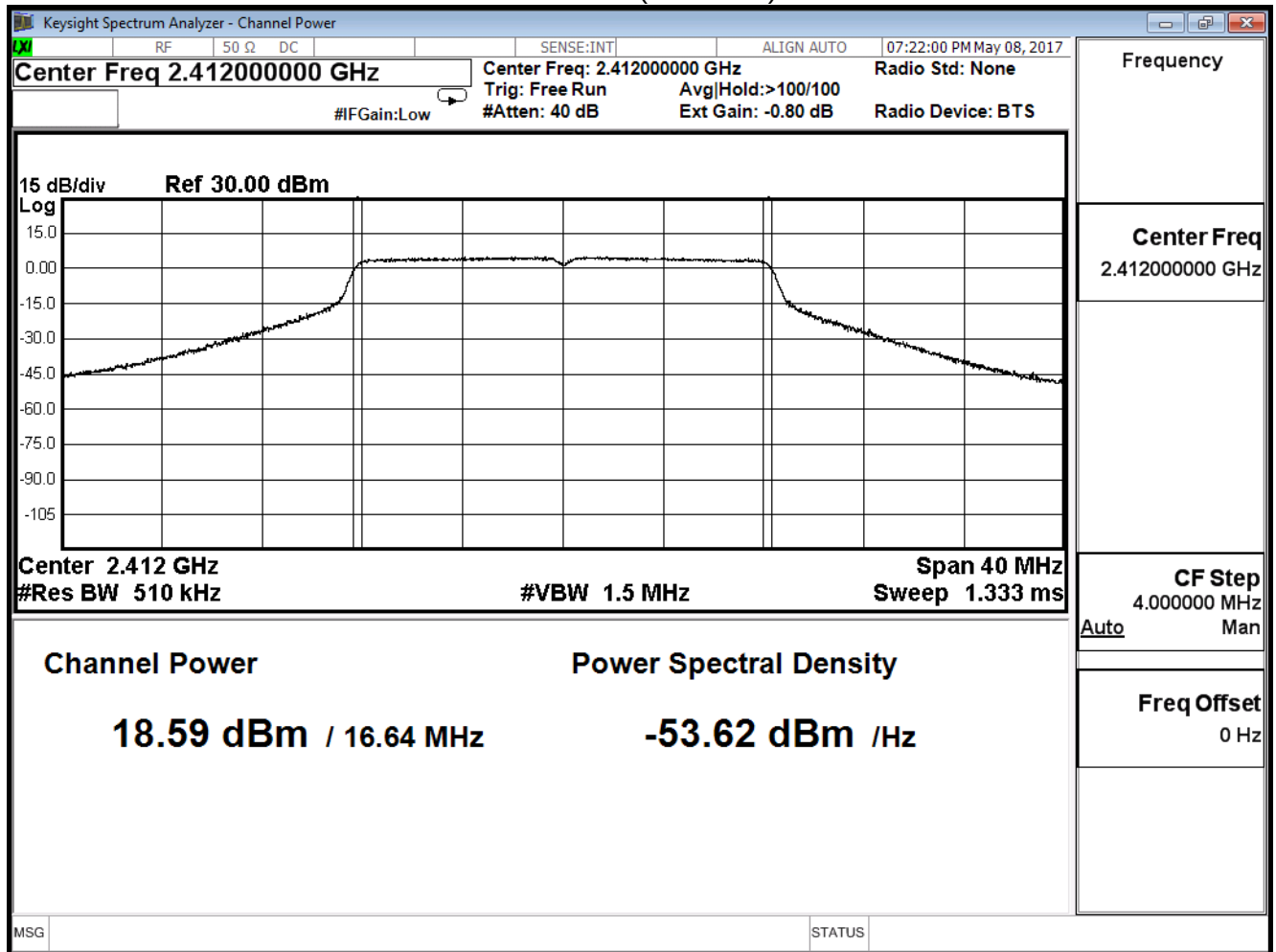
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11g (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.59	≤ 30
6	2437	23.56	≤ 30
11	2462	19.20	≤ 30

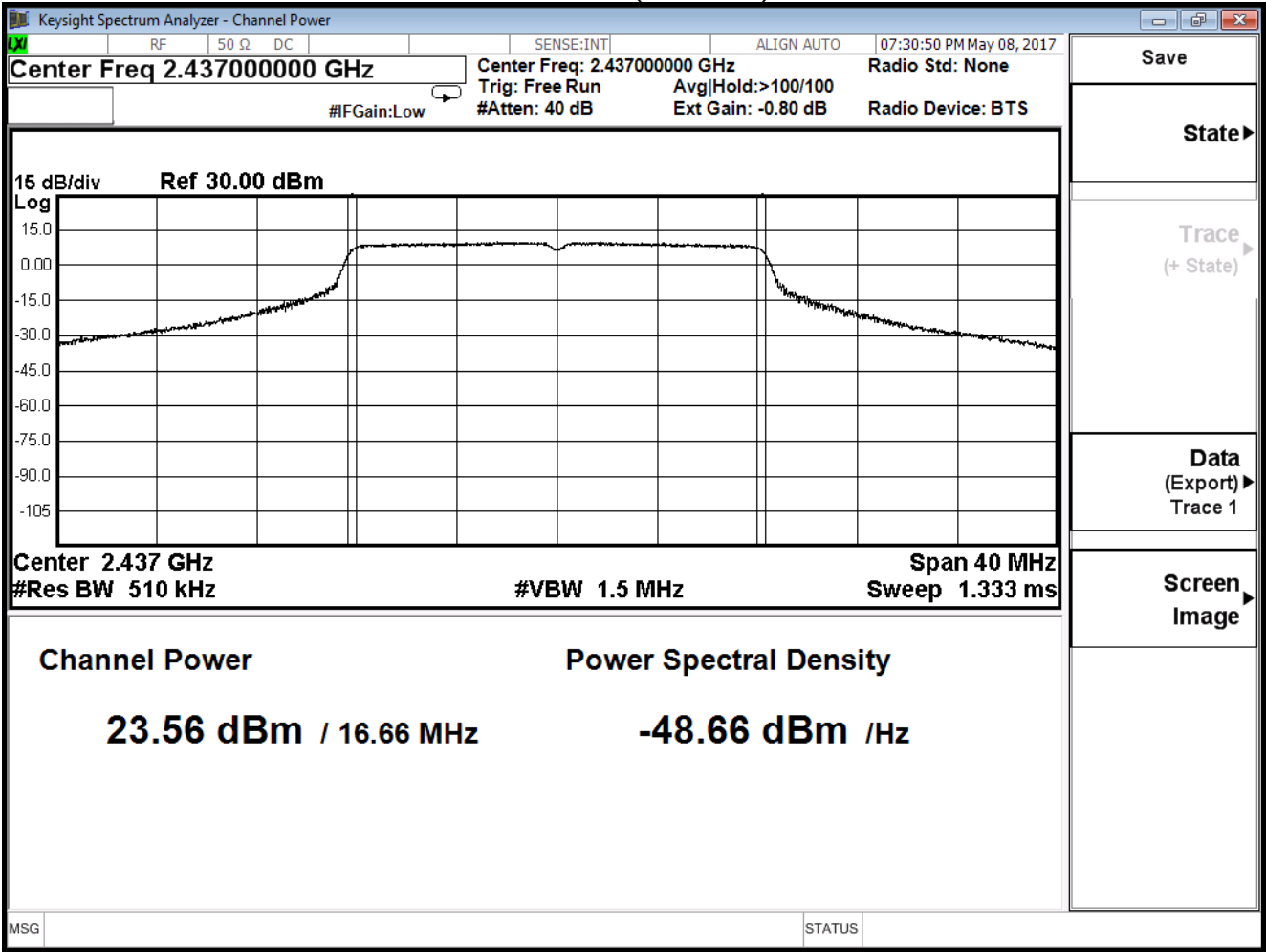
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.59	--	--	--	--	--	--	≤ 30
6	2437	23.56	23.51	23.46	23.41	23.34	23.25	23.16	≤ 30
11	2462	19.20	--	--	--	--	--	--	≤ 30

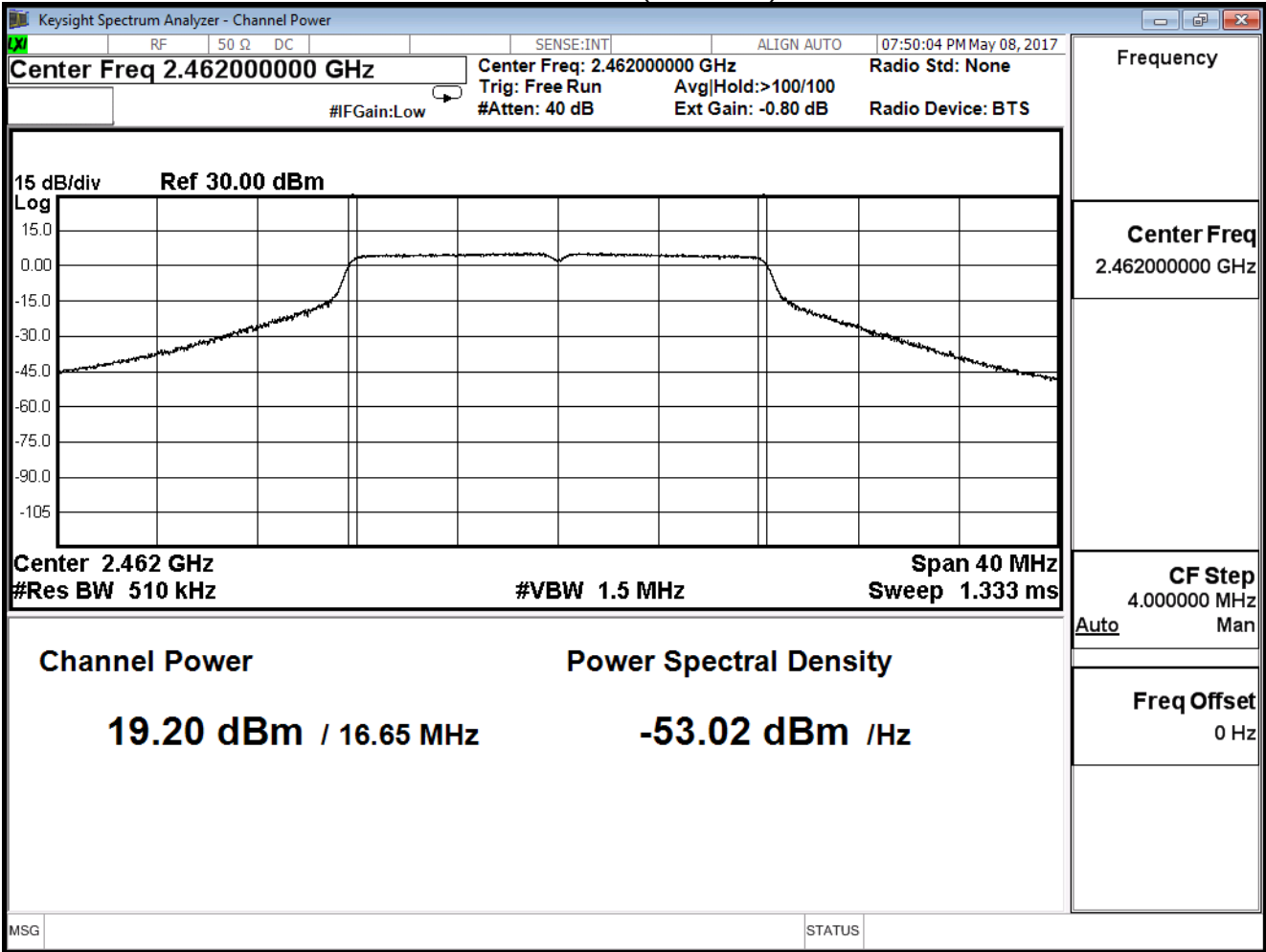
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



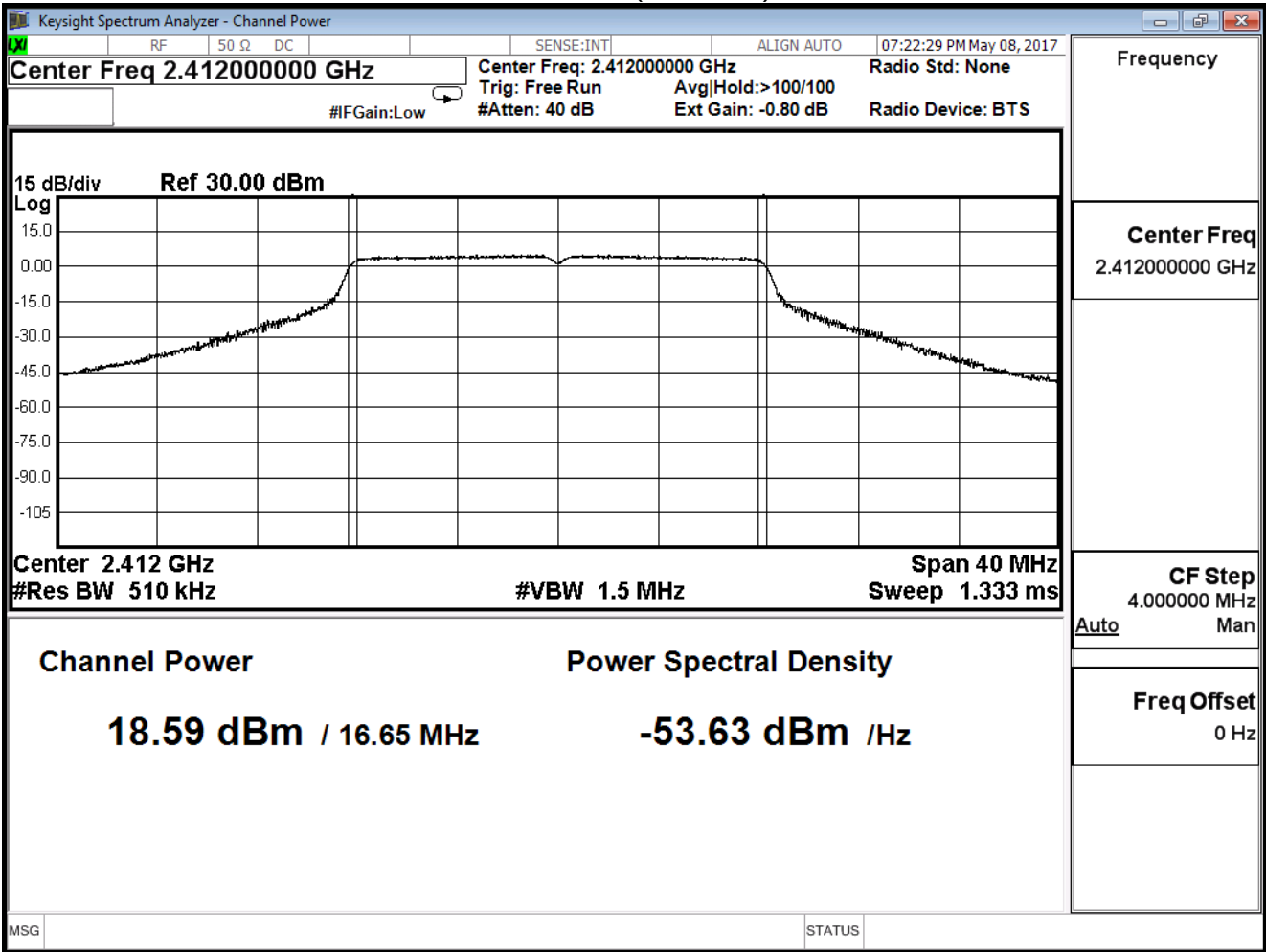
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11g (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.59	≤ 30
6	2437	23.60	≤ 30
11	2462	19.20	≤ 30

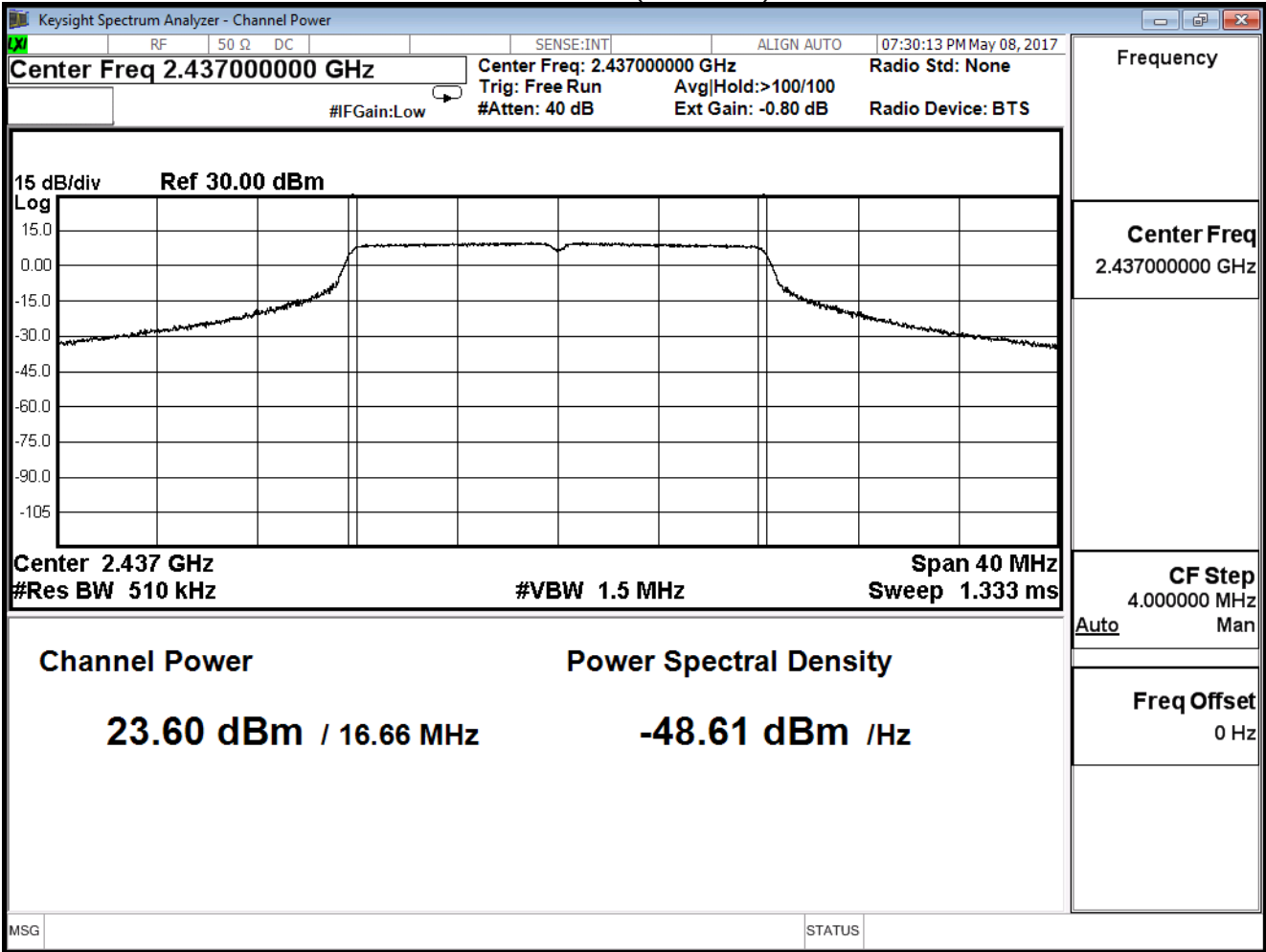
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.59	--	--	--	--	--	--	≤ 30
6	2437	23.60	23.56	23.51	22.96	22.88	22.84	22.76	≤ 30
11	2462	19.20	--	--	--	--	--	--	≤ 30

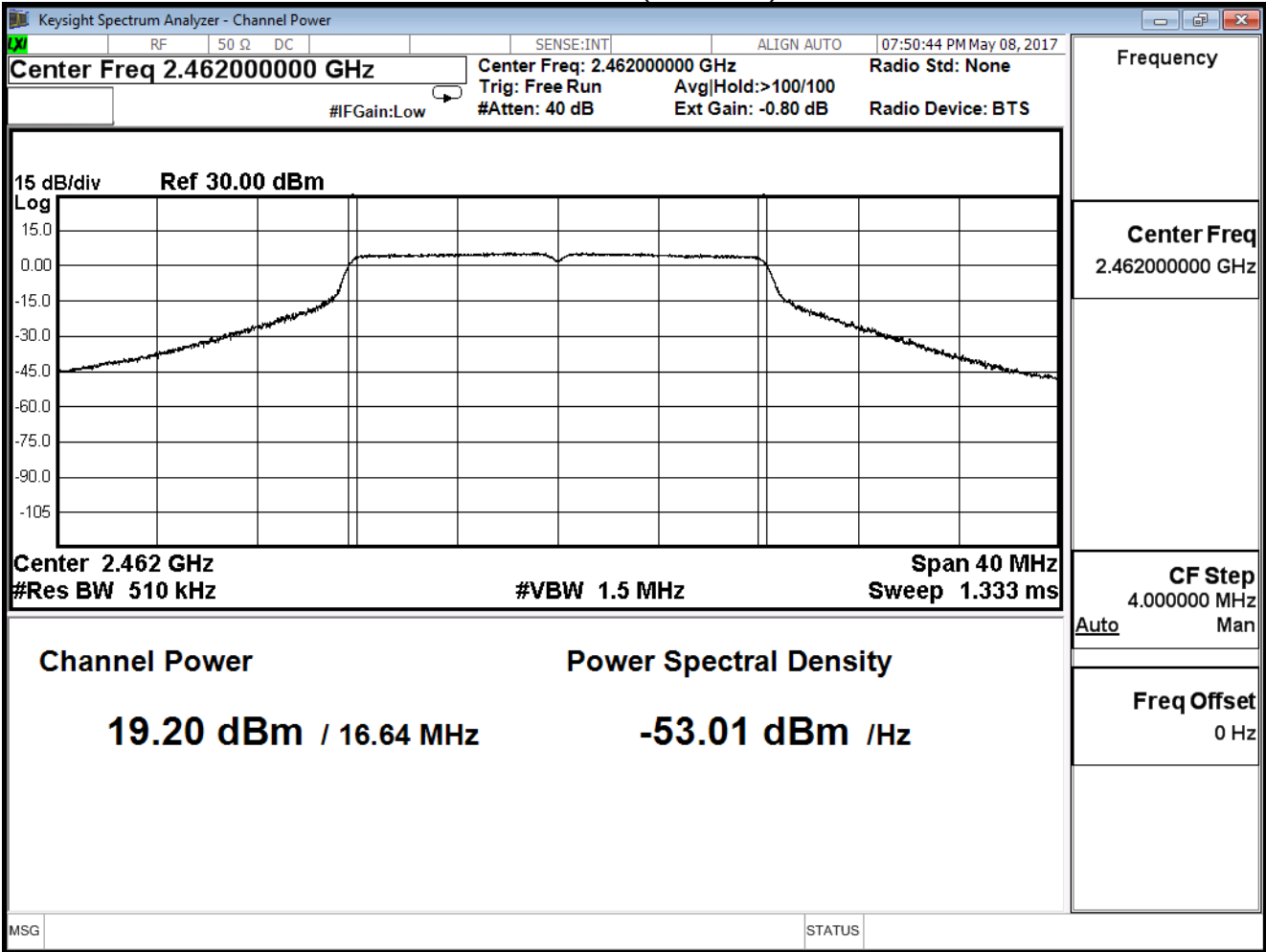
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11g (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.68	≤ 30
6	2437	29.58	≤ 30
11	2462	25.19	≤ 30

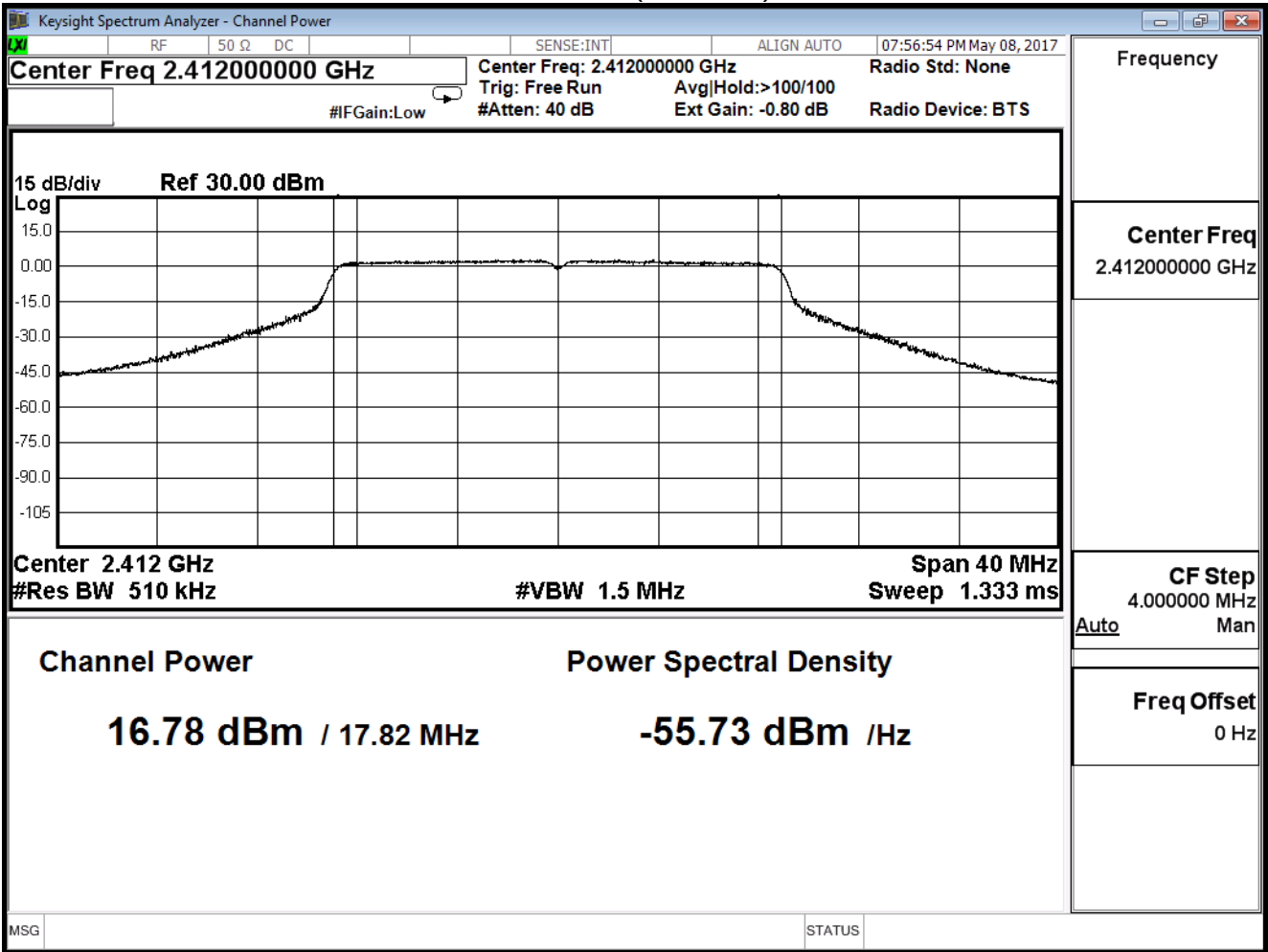
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	16.78	≤ 30
6	2437	23.62	≤ 30
11	2462	18.59	≤ 30

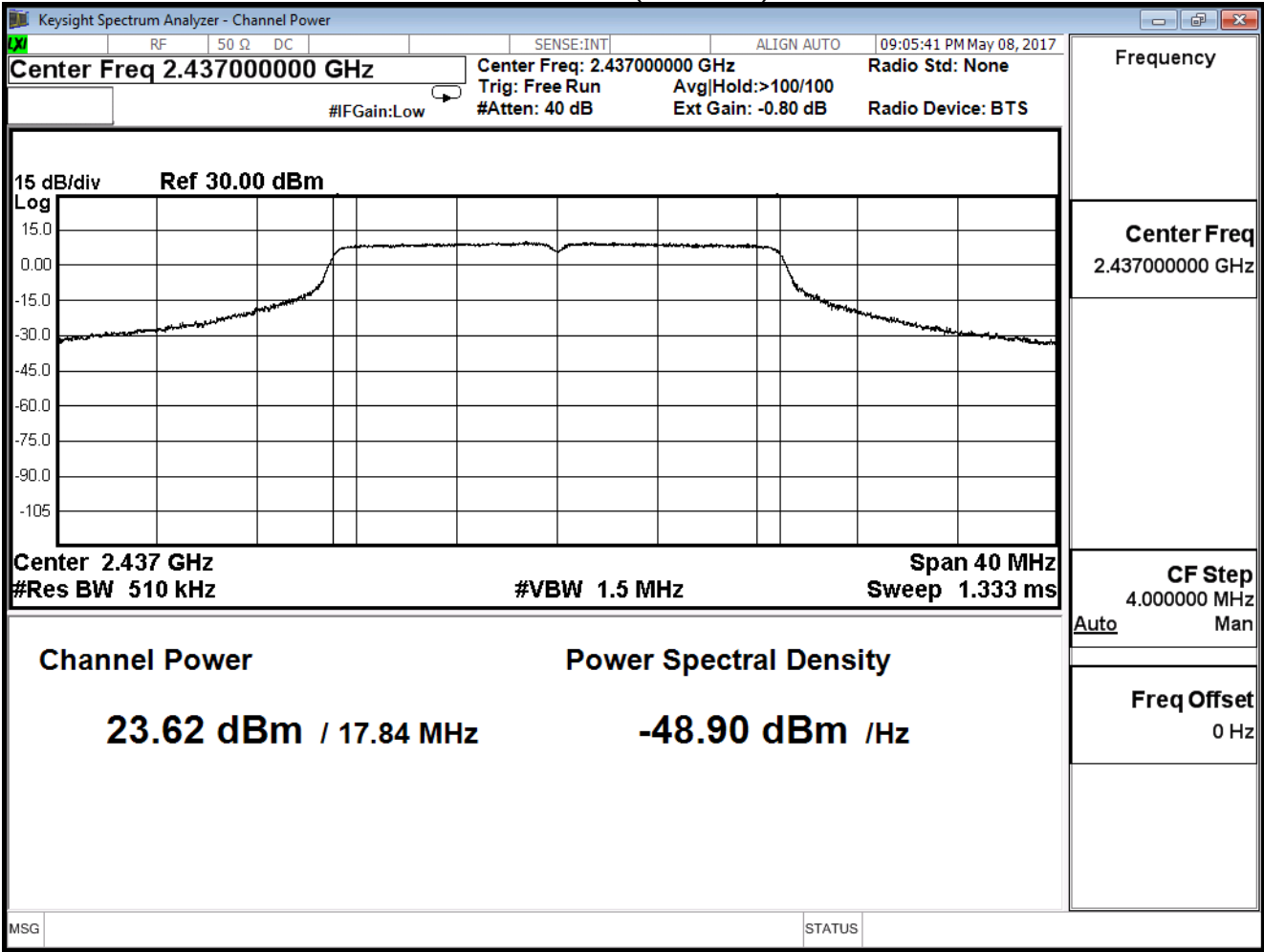
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	16.78	--	--	--	--	--	--	--	≤ 30
6	2437	23.62	23.58	23.51	23.46	23.36	23.29	23.21	23.11	≤ 30
11	2462	18.59	--	--	--	--	--	--	--	≤ 30

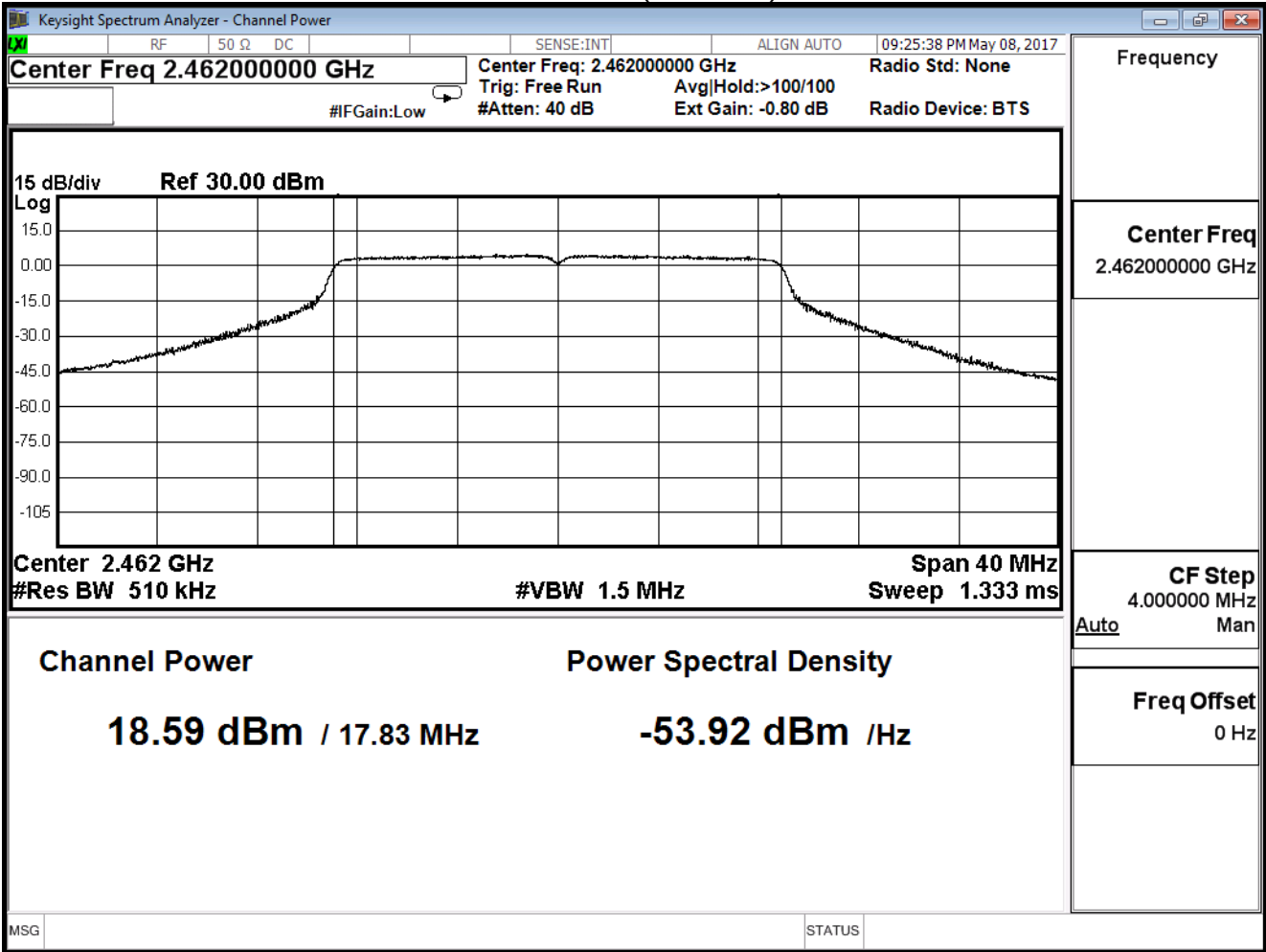
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



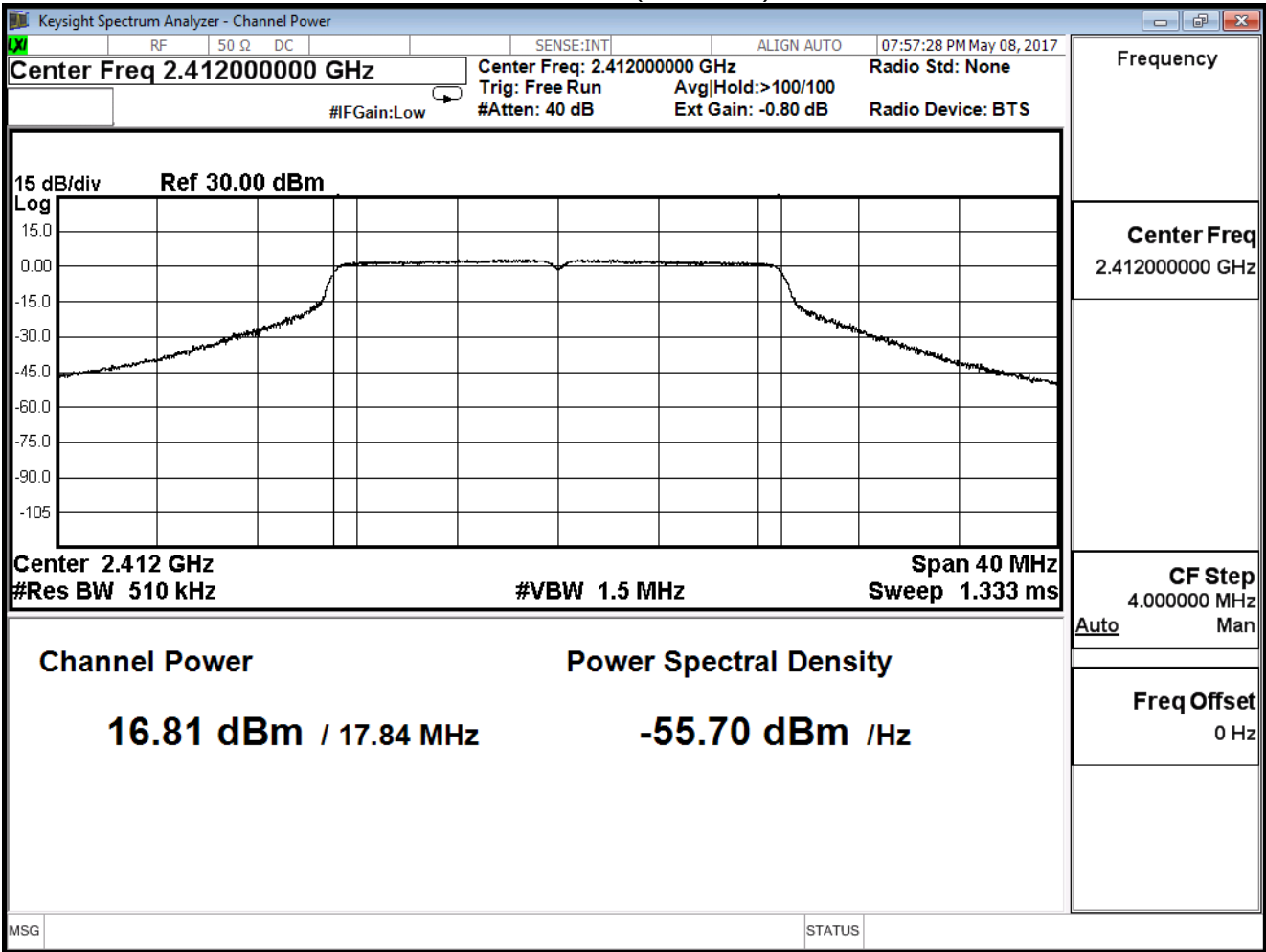
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	16.81	≤ 30
6	2437	23.64	≤ 30
11	2462	18.62	≤ 30

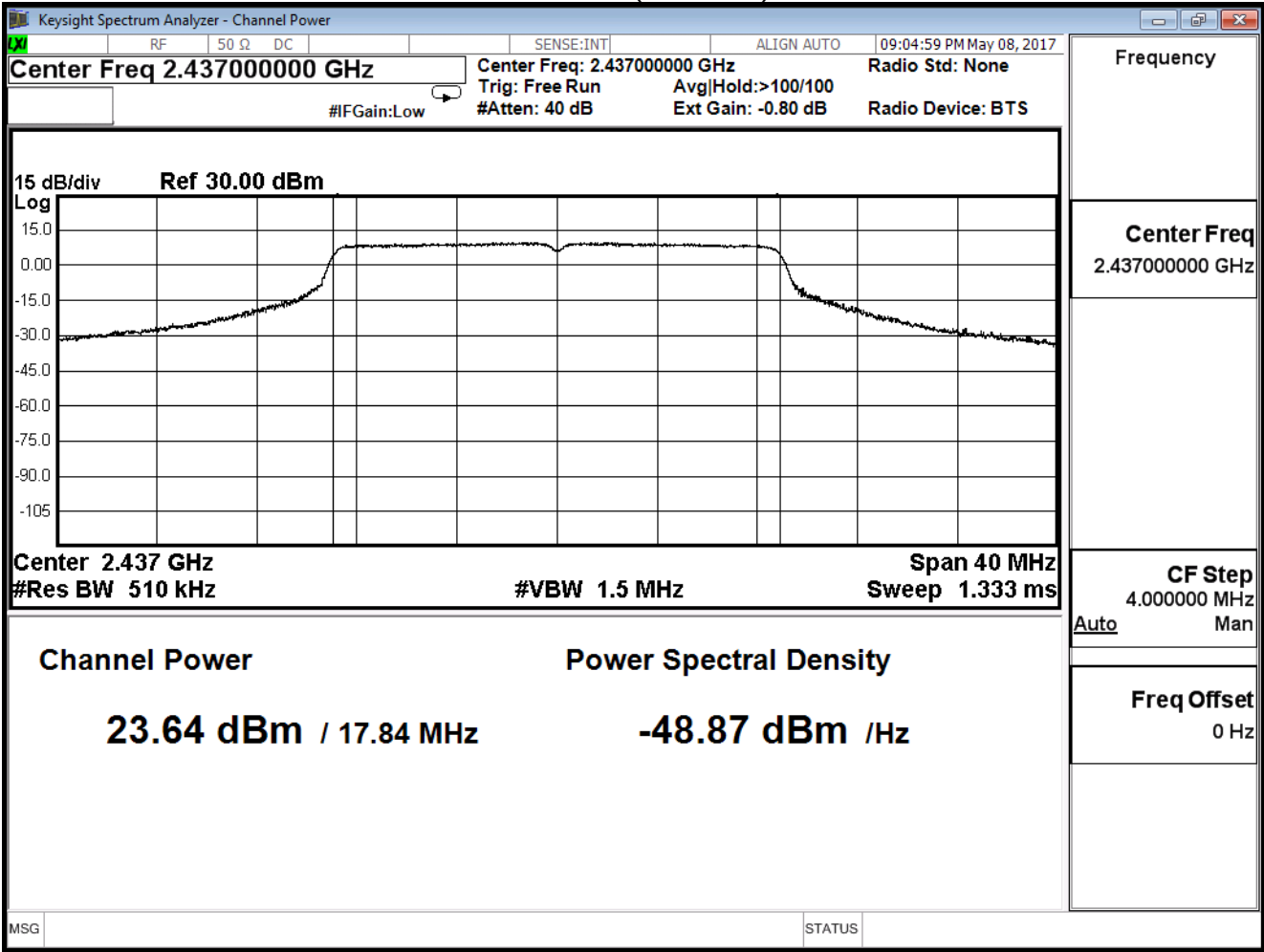
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	16.81	--	--	--	--	--	--	--	≤ 30
6	2437	23.64	23.59	23.51	23.44	23.39	23.22	23.11	23.01	≤ 30
11	2462	18.62	--	--	--	--	--	--	--	≤ 30

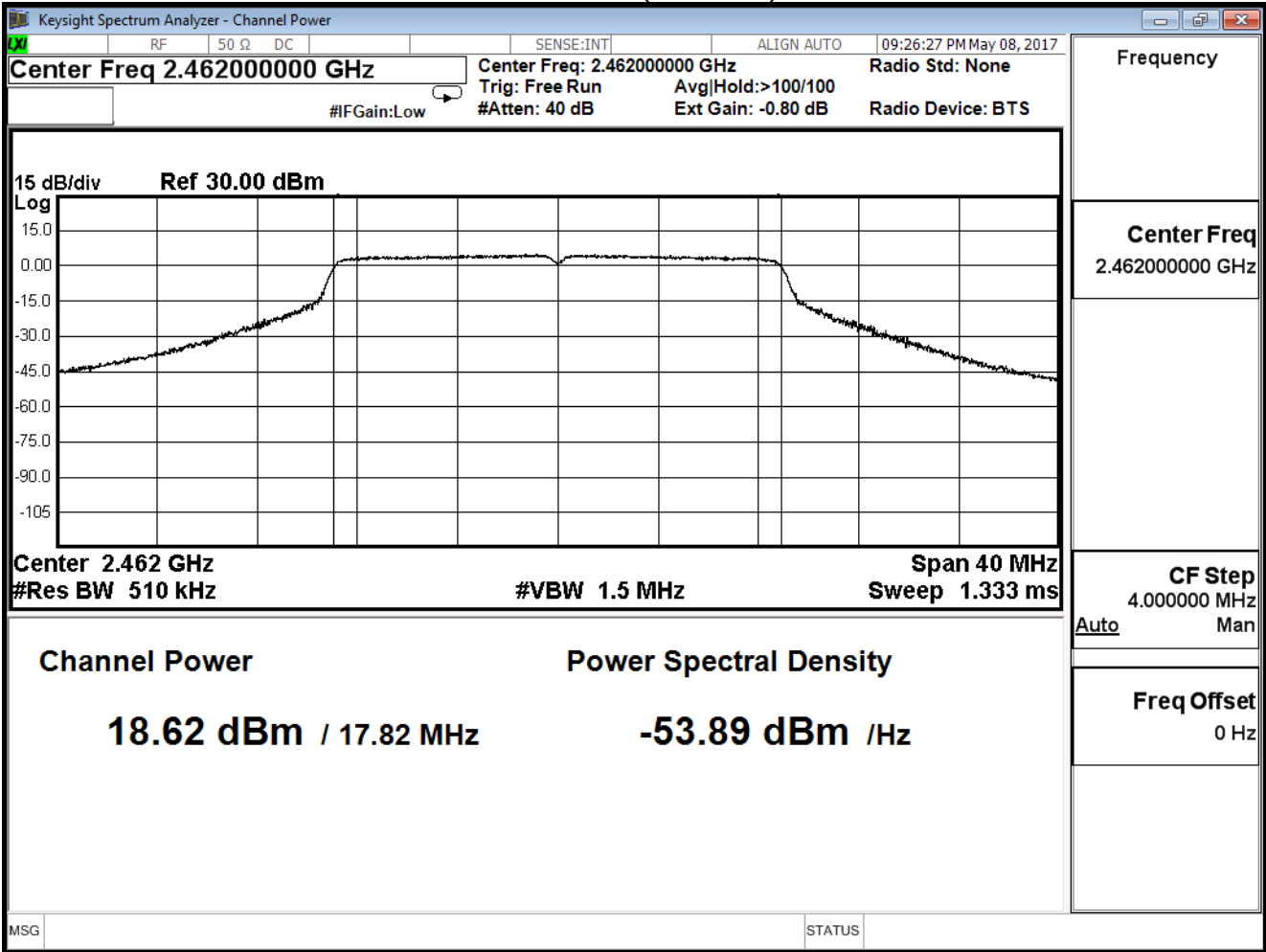
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



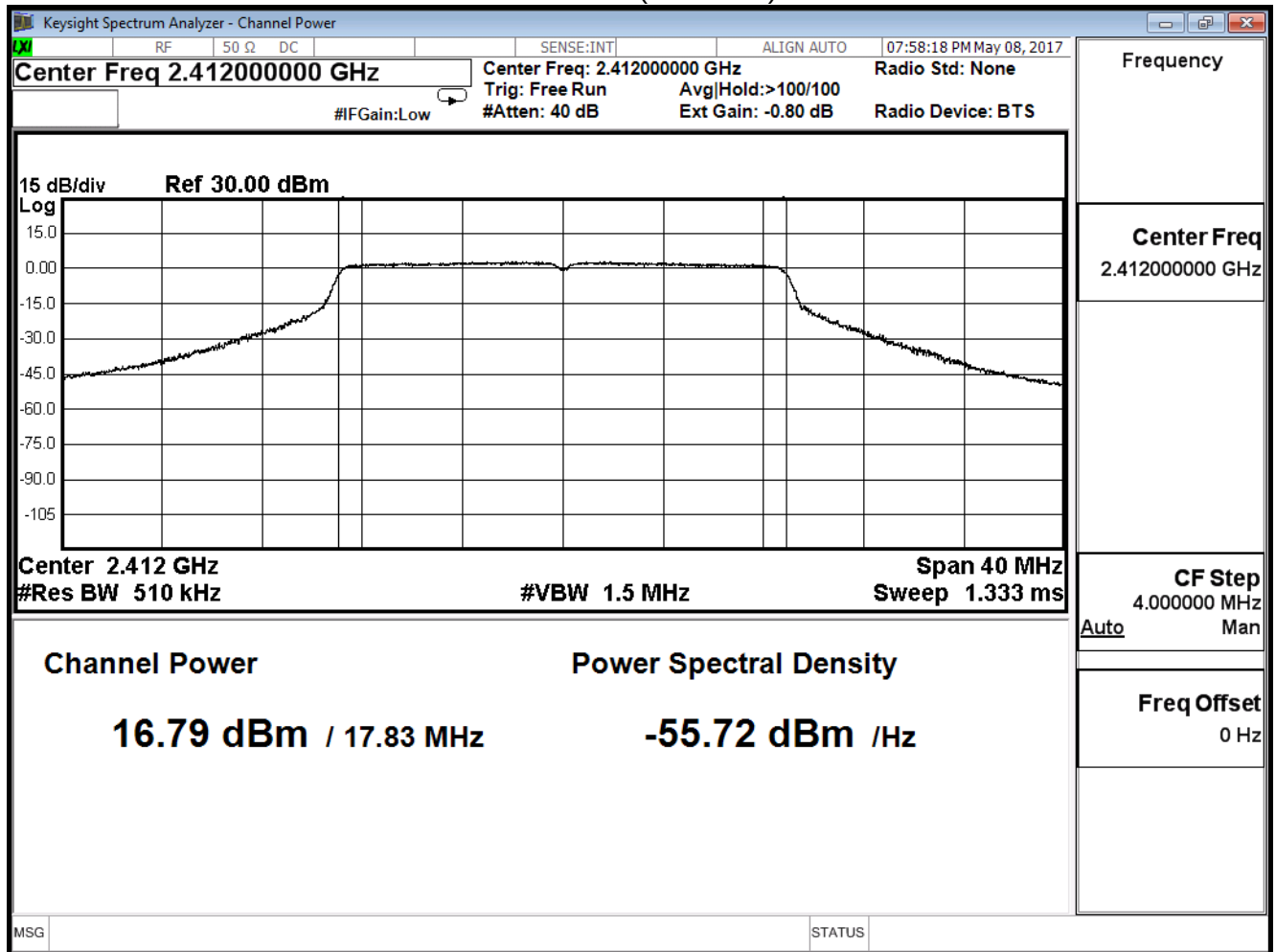
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	16.79	≤ 30
6	2437	23.66	≤ 30
11	2462	18.59	≤ 30

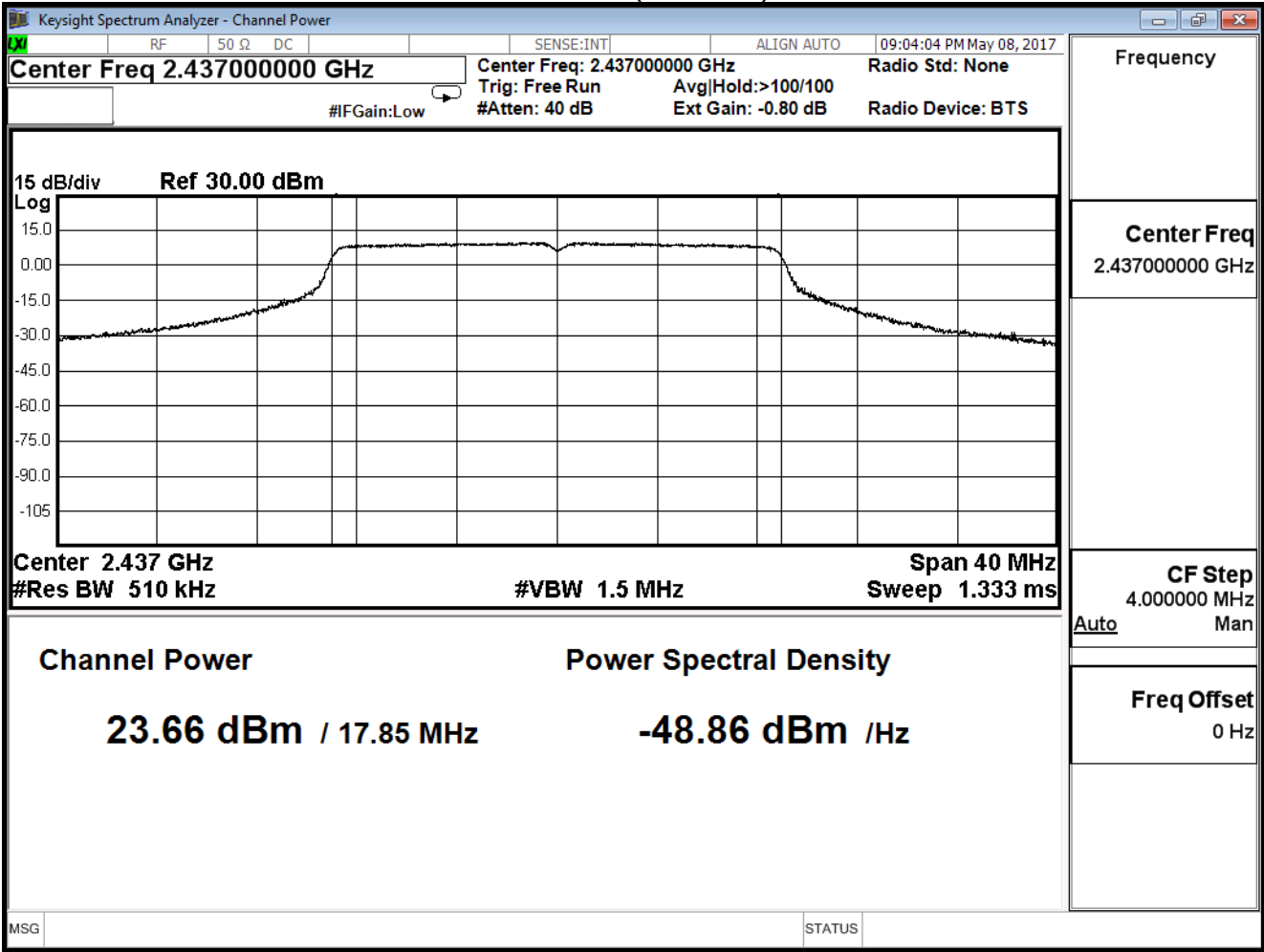
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	16.79	--	--	--	--	--	--	--	≤ 30
6	2437	23.66	23.56	23.40	23.34	23.22	23.09	22.91	22.82	≤ 30
11	2462	18.59	--	--	--	--	--	--	--	≤ 30

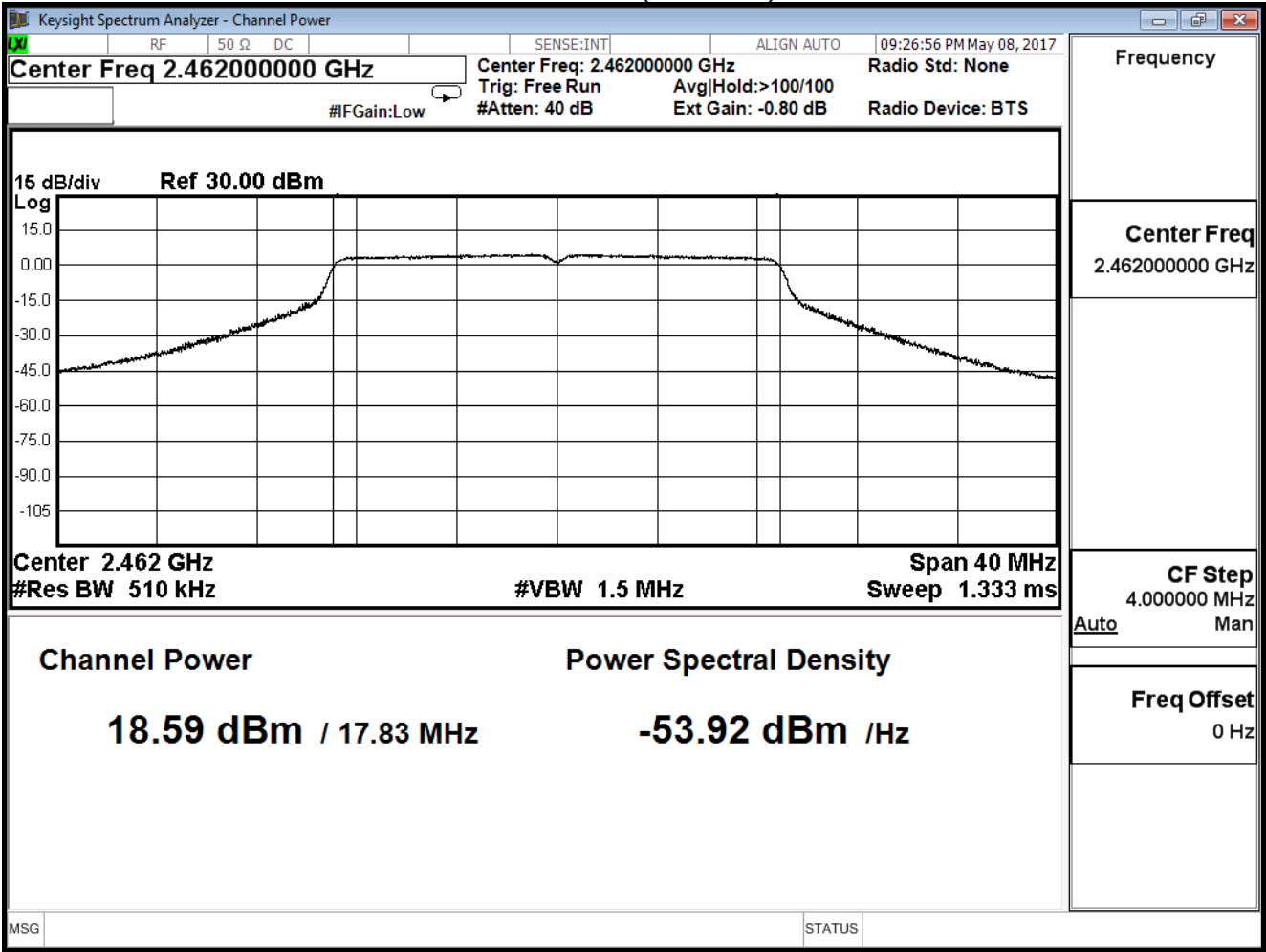
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



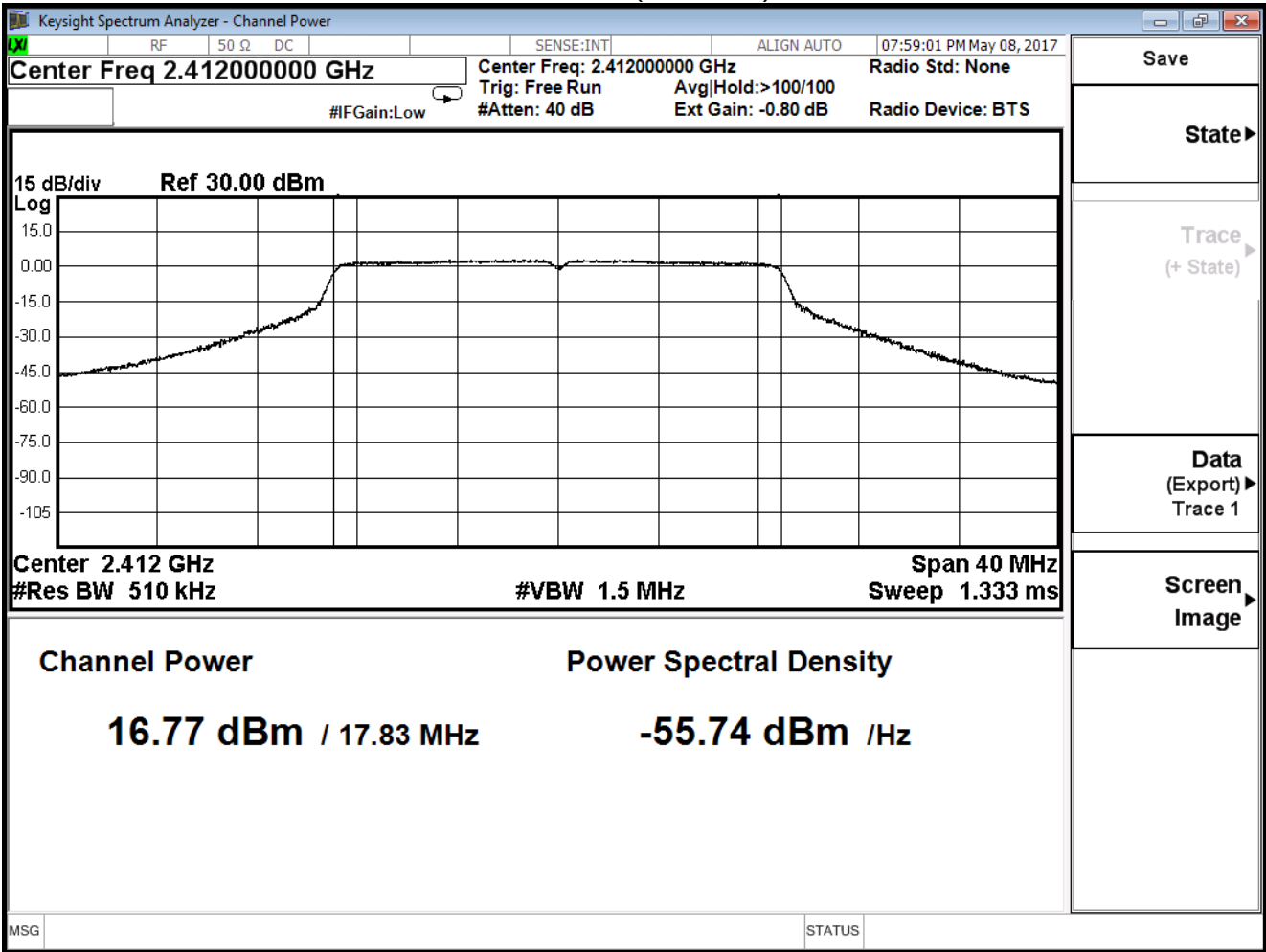
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	16.77	≤ 30
6	2437	23.72	≤ 30
11	2462	18.61	≤ 30

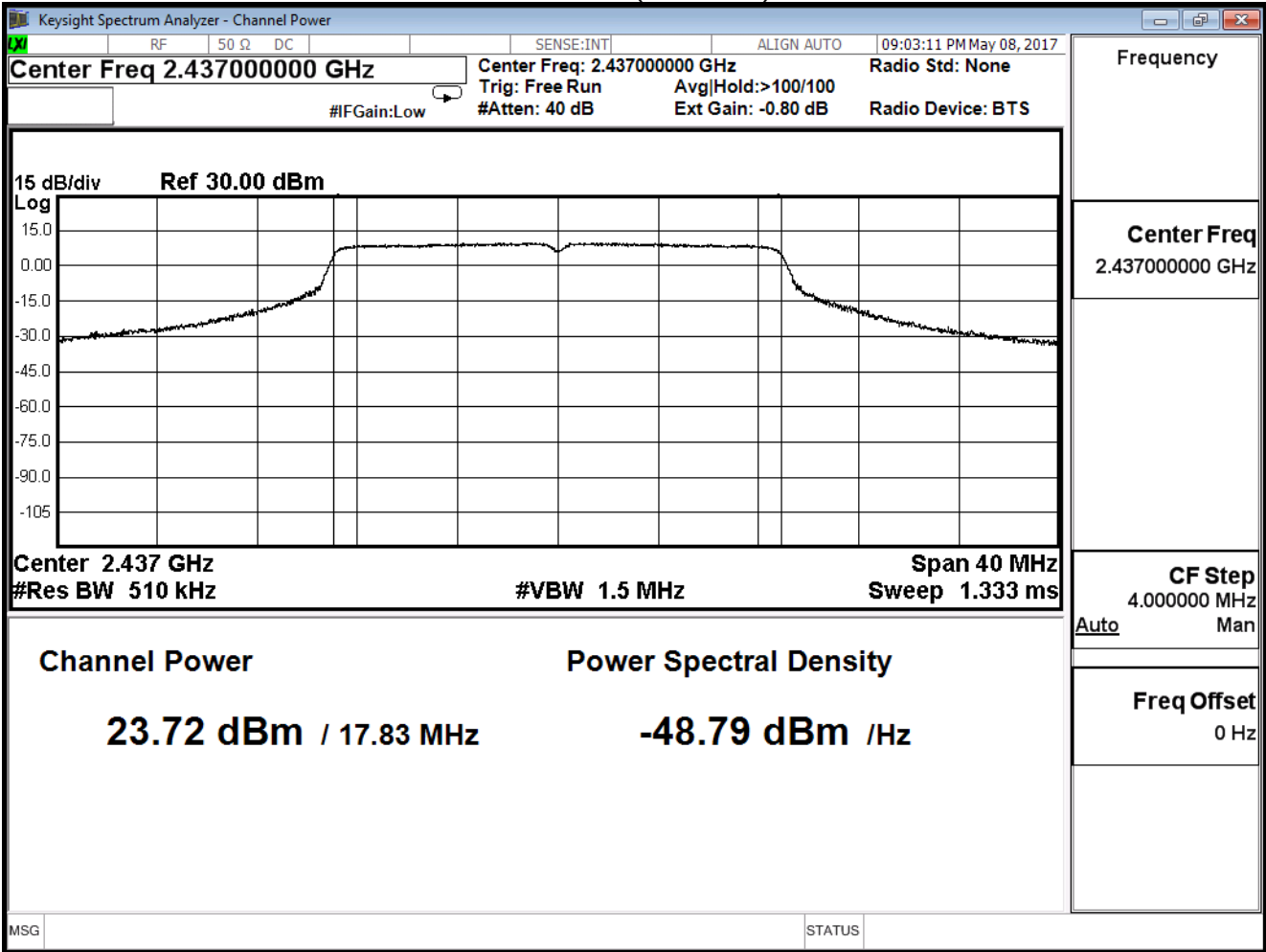
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	16.77	--	--	--	--	--	--	--	≤ 30
6	2437	23.72	23.61	23.55	23.48	23.41	23.33	23.26	23.19	≤ 30
11	2462	18.61	--	--	--	--	--	--	--	≤ 30

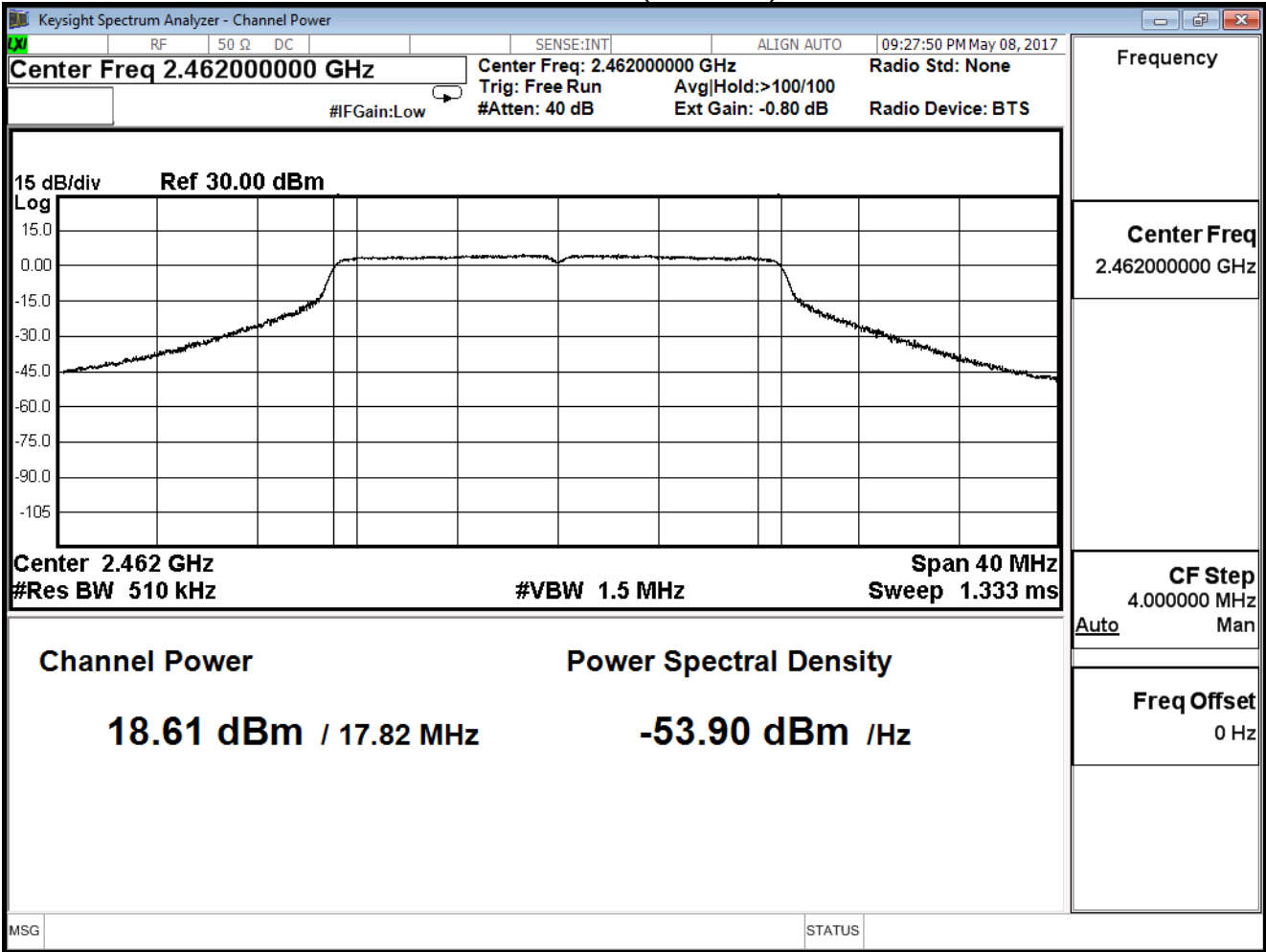
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.81	≤ 30
6	2437	29.68	≤ 30
11	2462	24.62	≤ 30

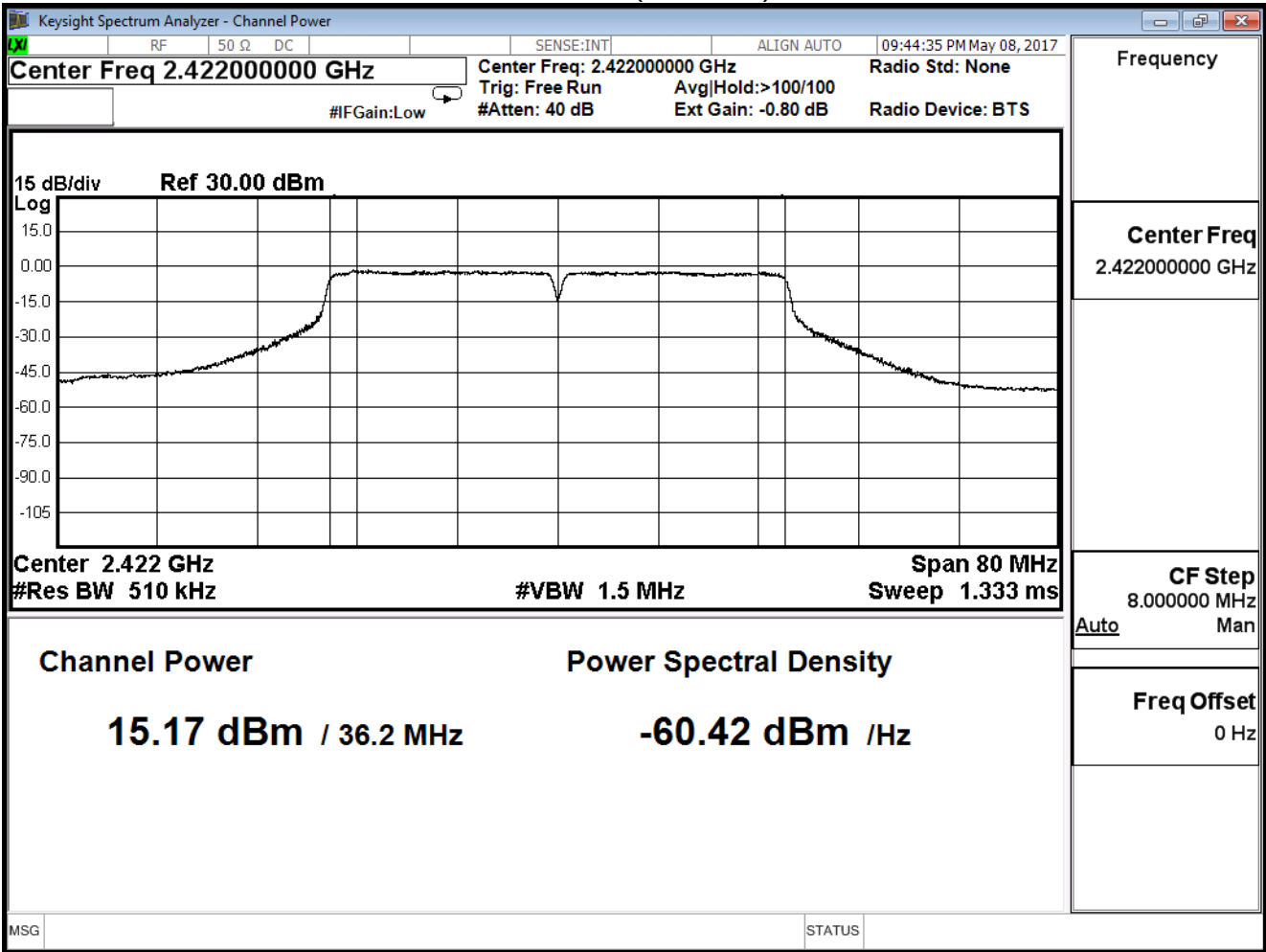
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.17	≤ 30
6	2437	17.79	≤ 30
9	2452	14.96	≤ 30

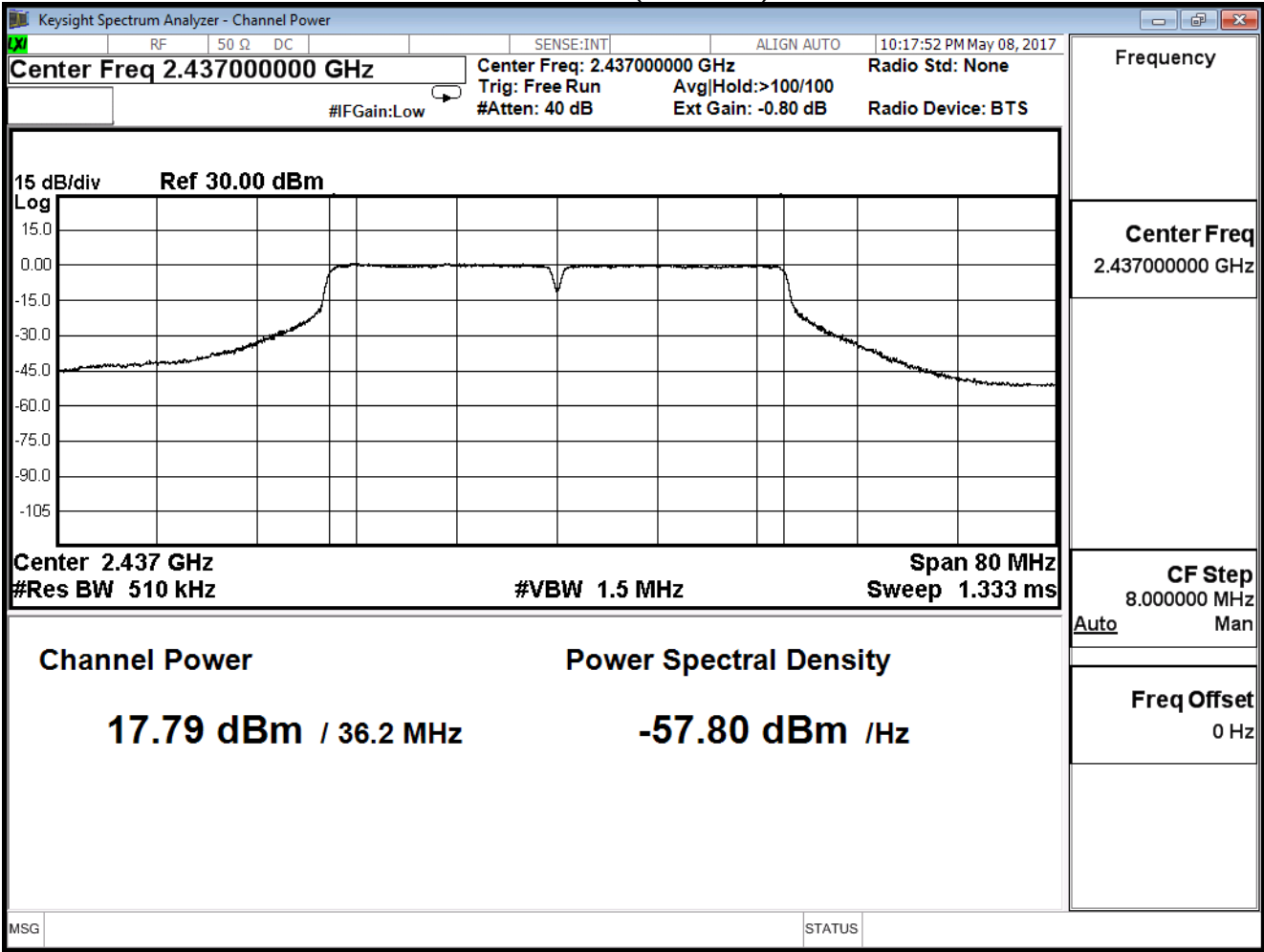
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	15.17	--	--	--	--	--	--	--	≤ 30
6	2437	17.79	17.68	17.55	17.42	17.3	17.21	17.09	16.89	≤ 30
9	2452	14.96	--	--	--	--	--	--	--	≤ 30

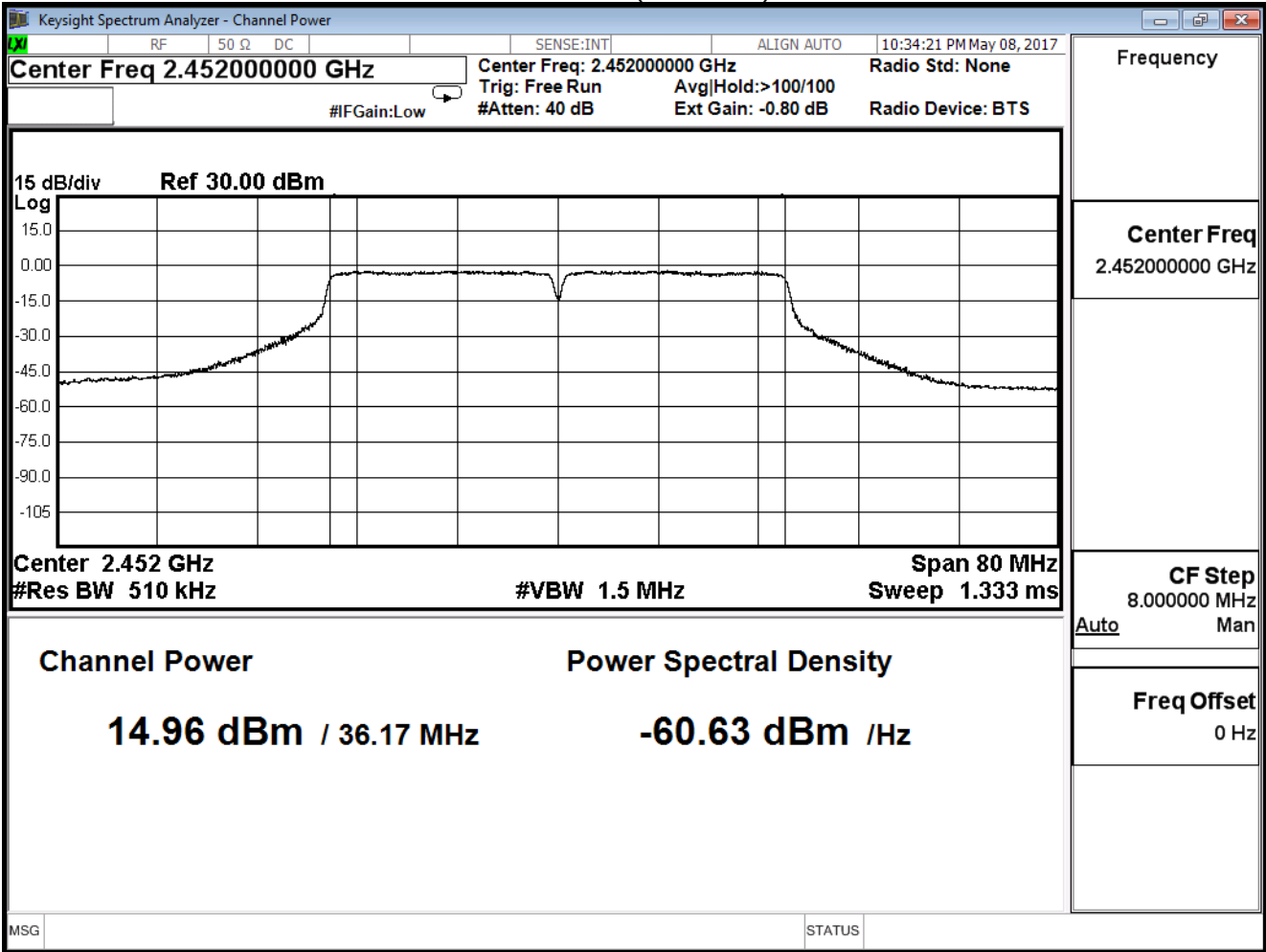
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



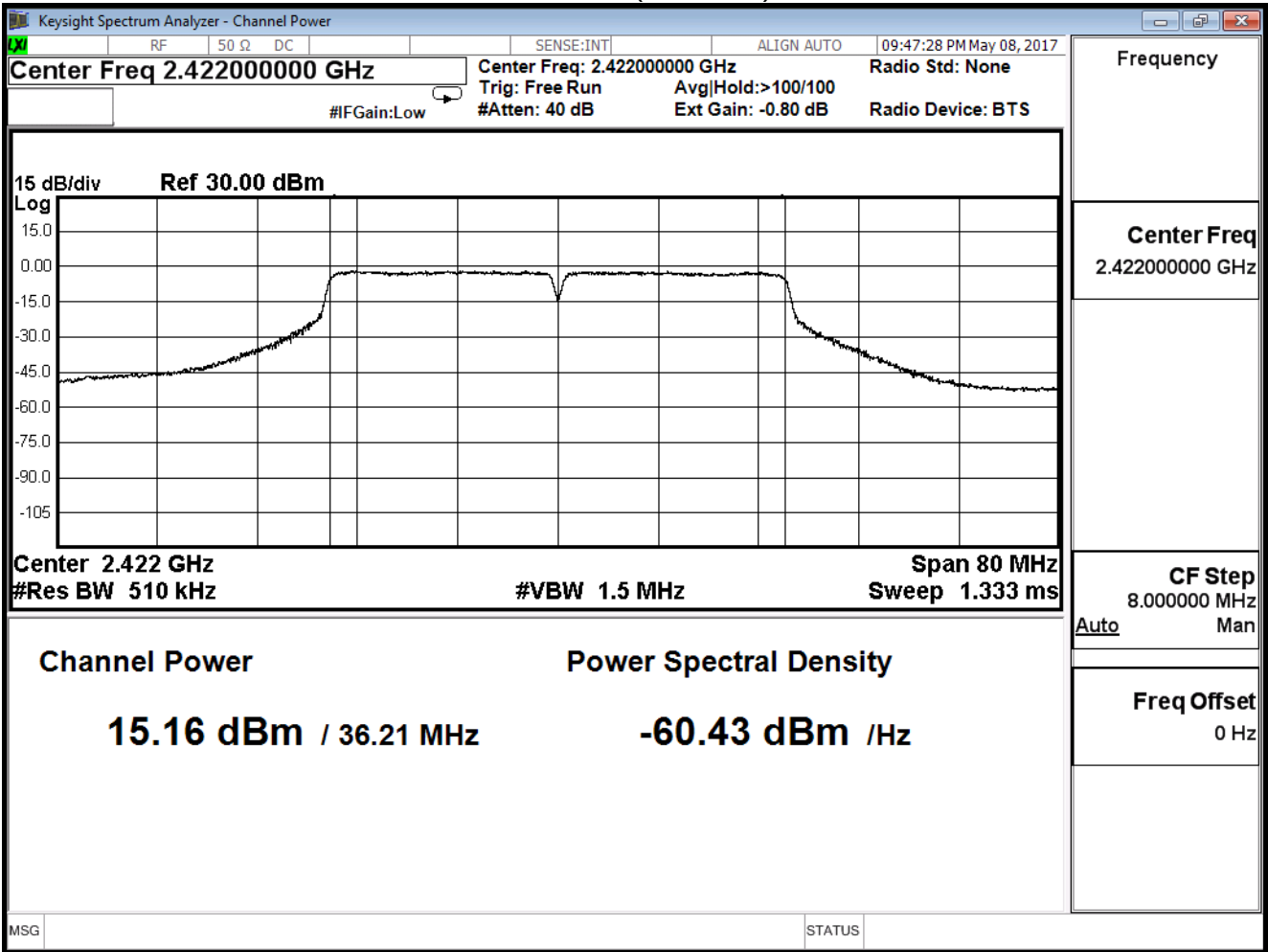
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.16	≤ 30
6	2437	17.76	≤ 30
9	2452	14.95	≤ 30

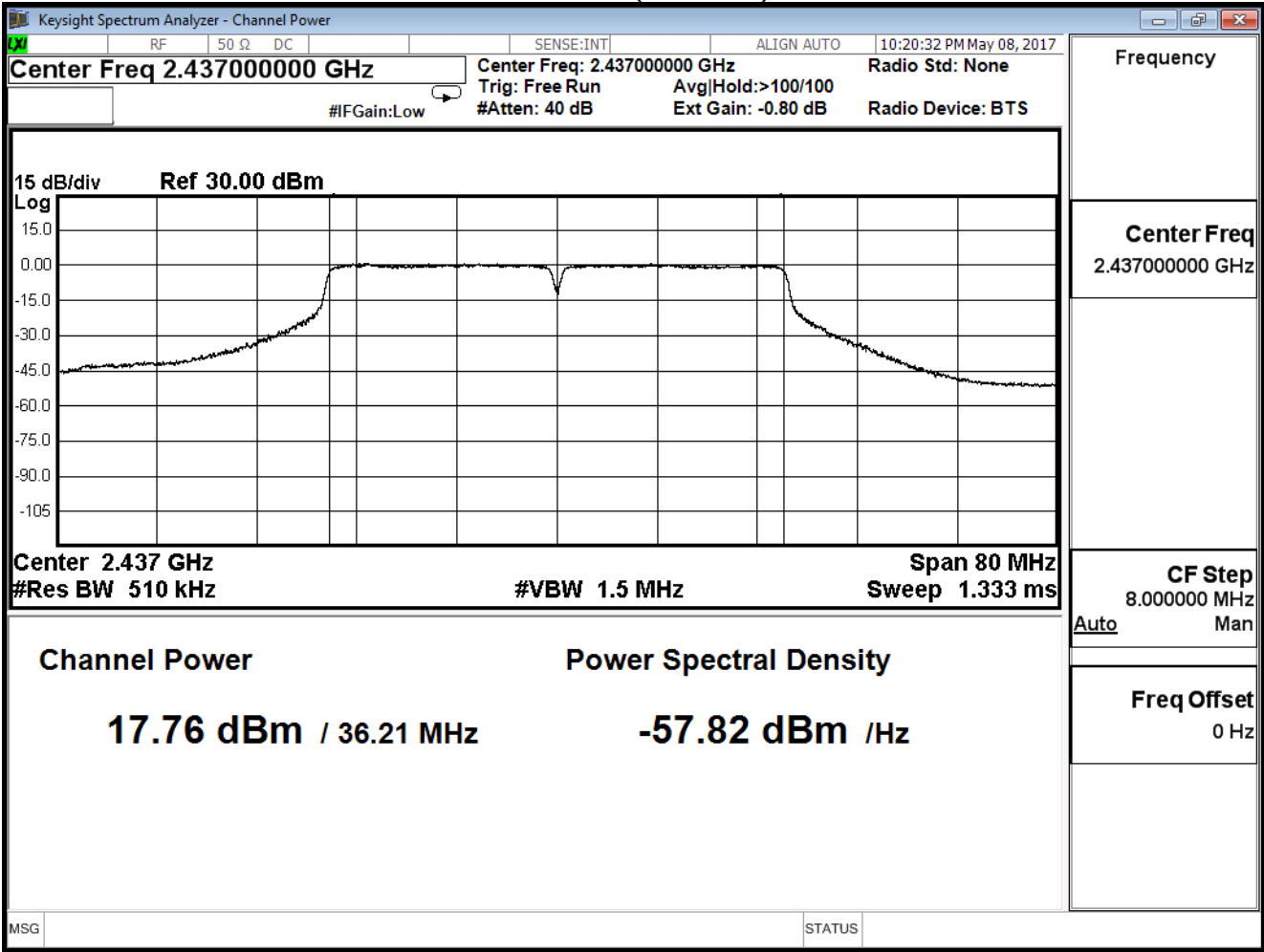
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	15.16	--	--	--	--	--	--	--	≤ 30
6	2437	17.76	17.66	17.54	17.34	17.25	17.11	16.94	16.72	≤ 30
9	2452	14.95	--	--	--	--	--	--	--	≤ 30

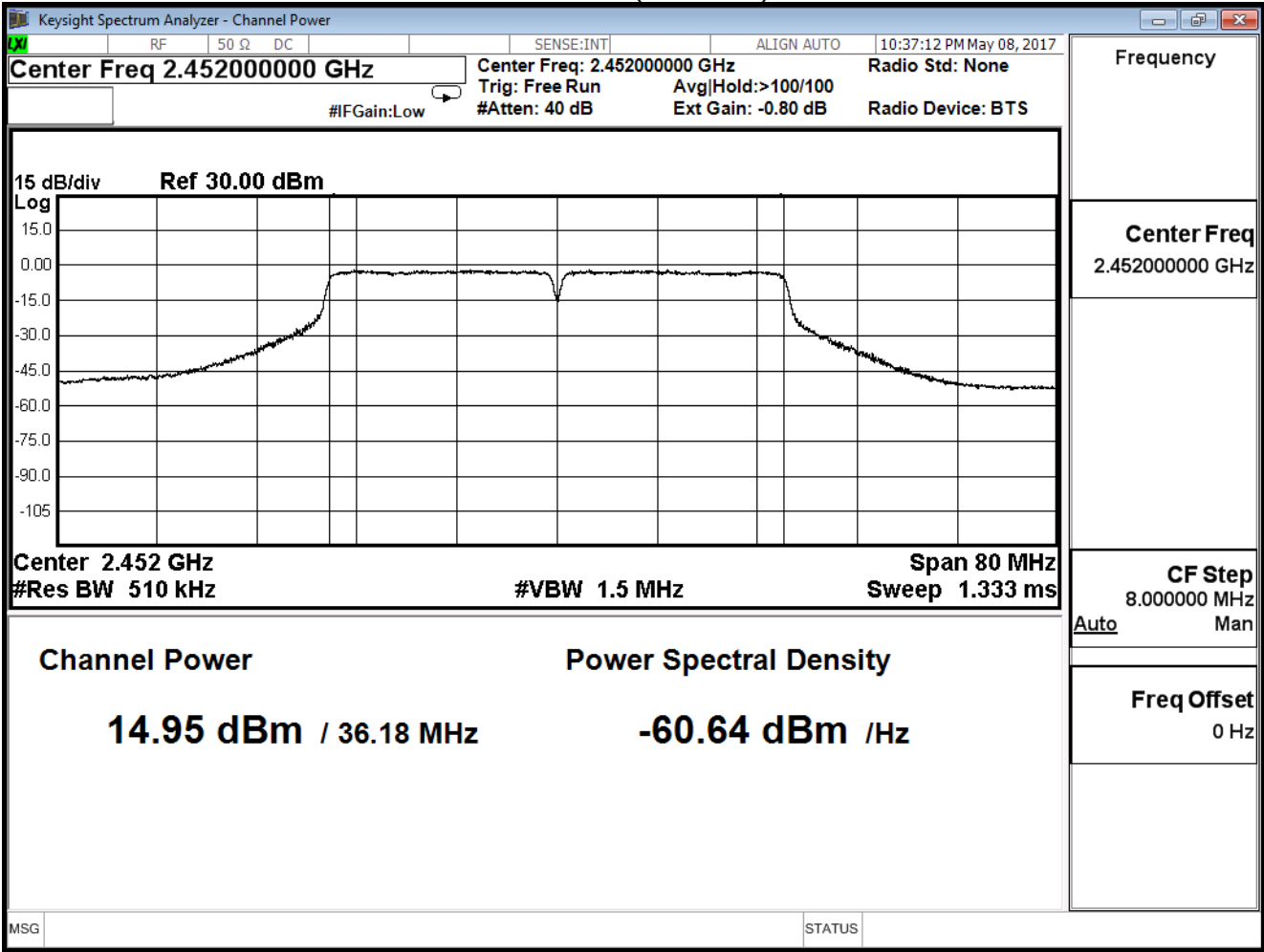
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



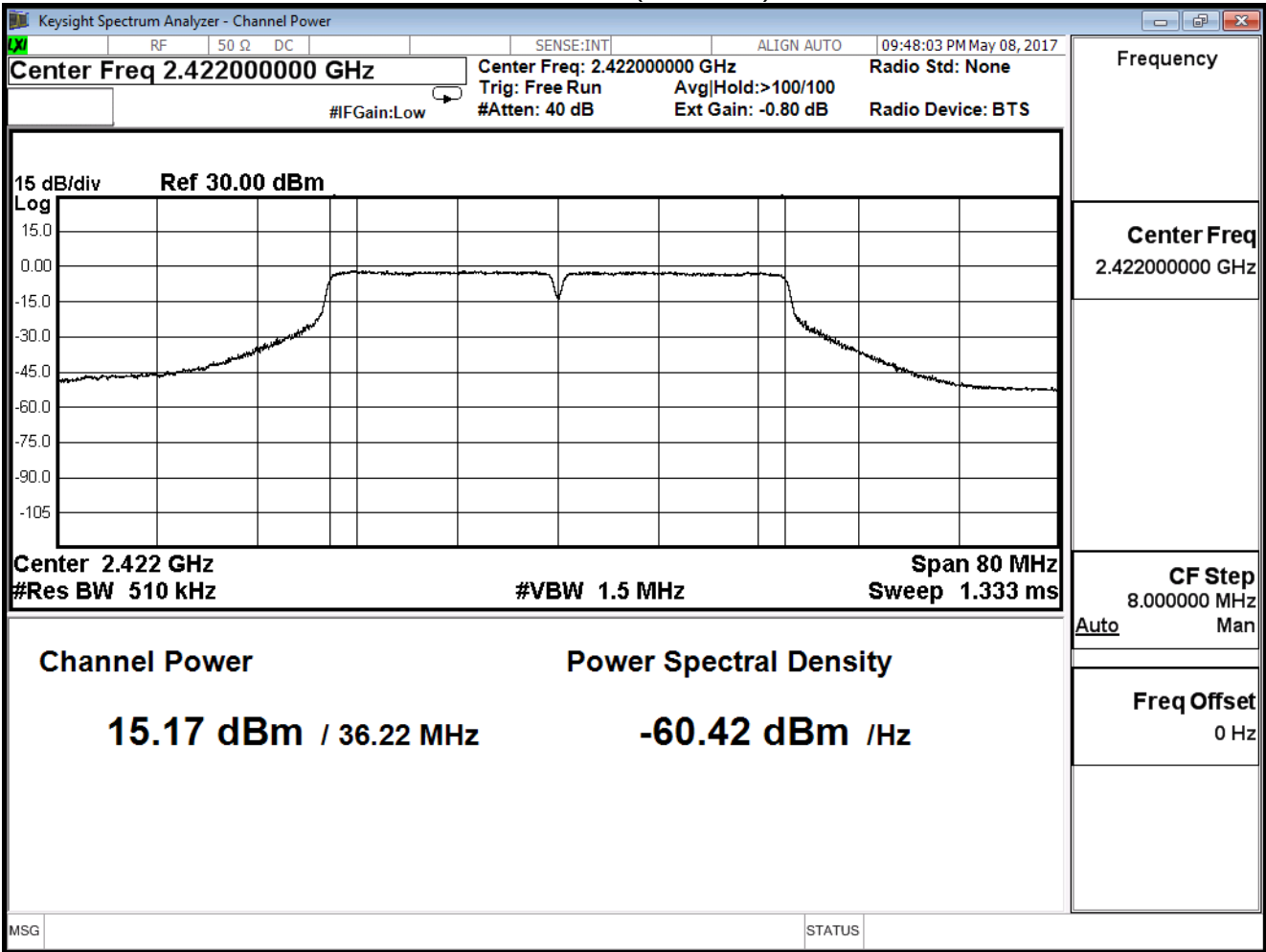
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.17	≤ 30
6	2437	17.77	≤ 30
9	2452	14.95	≤ 30

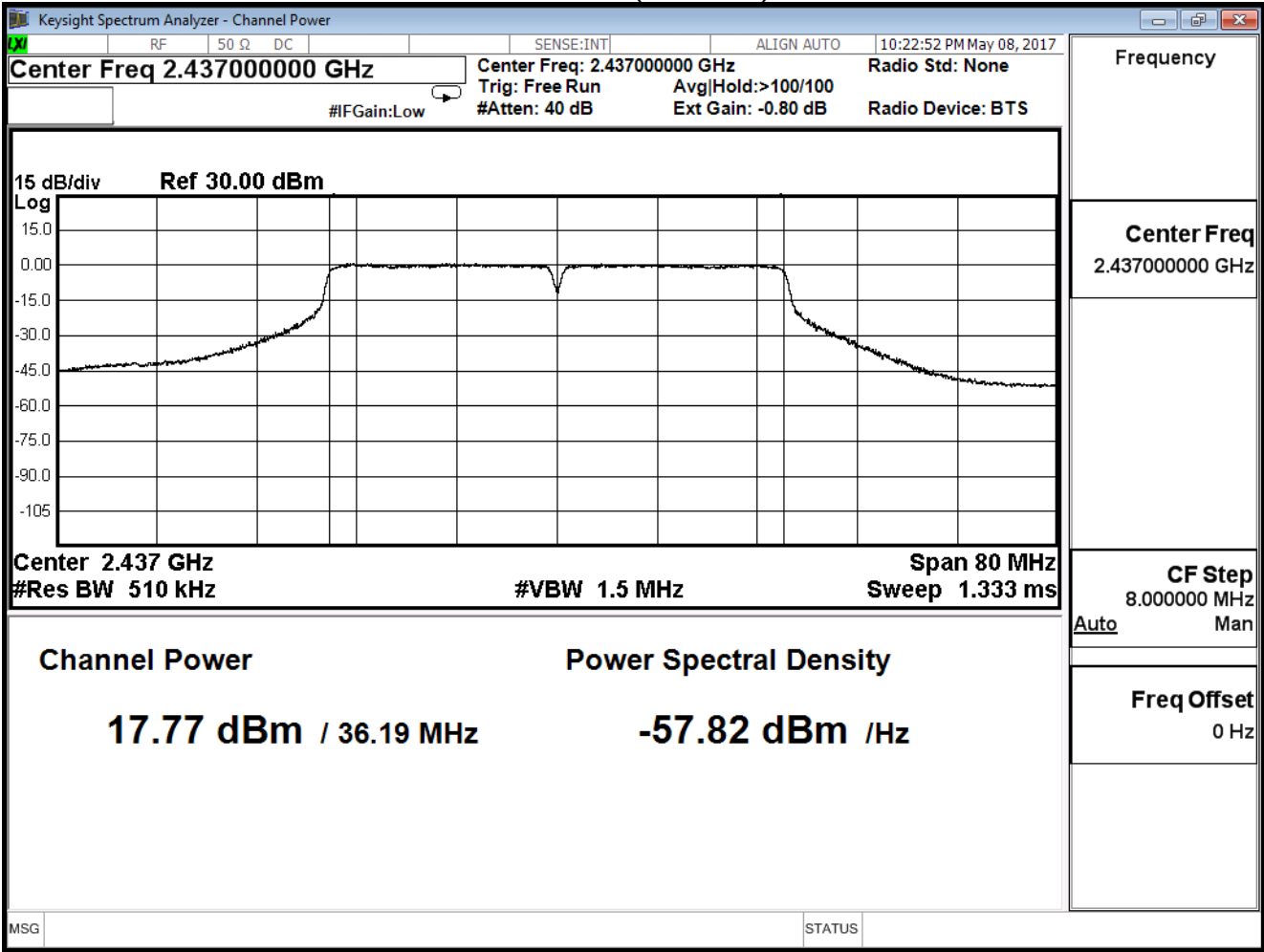
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	15.17	--	--	--	--	--	--	--	≤ 30
6	2437	17.77	17.56	17.42	17.29	17.11	16.97	16.72	16.54	≤ 30
9	2452	14.95	--	--	--	--	--	--	--	≤ 30

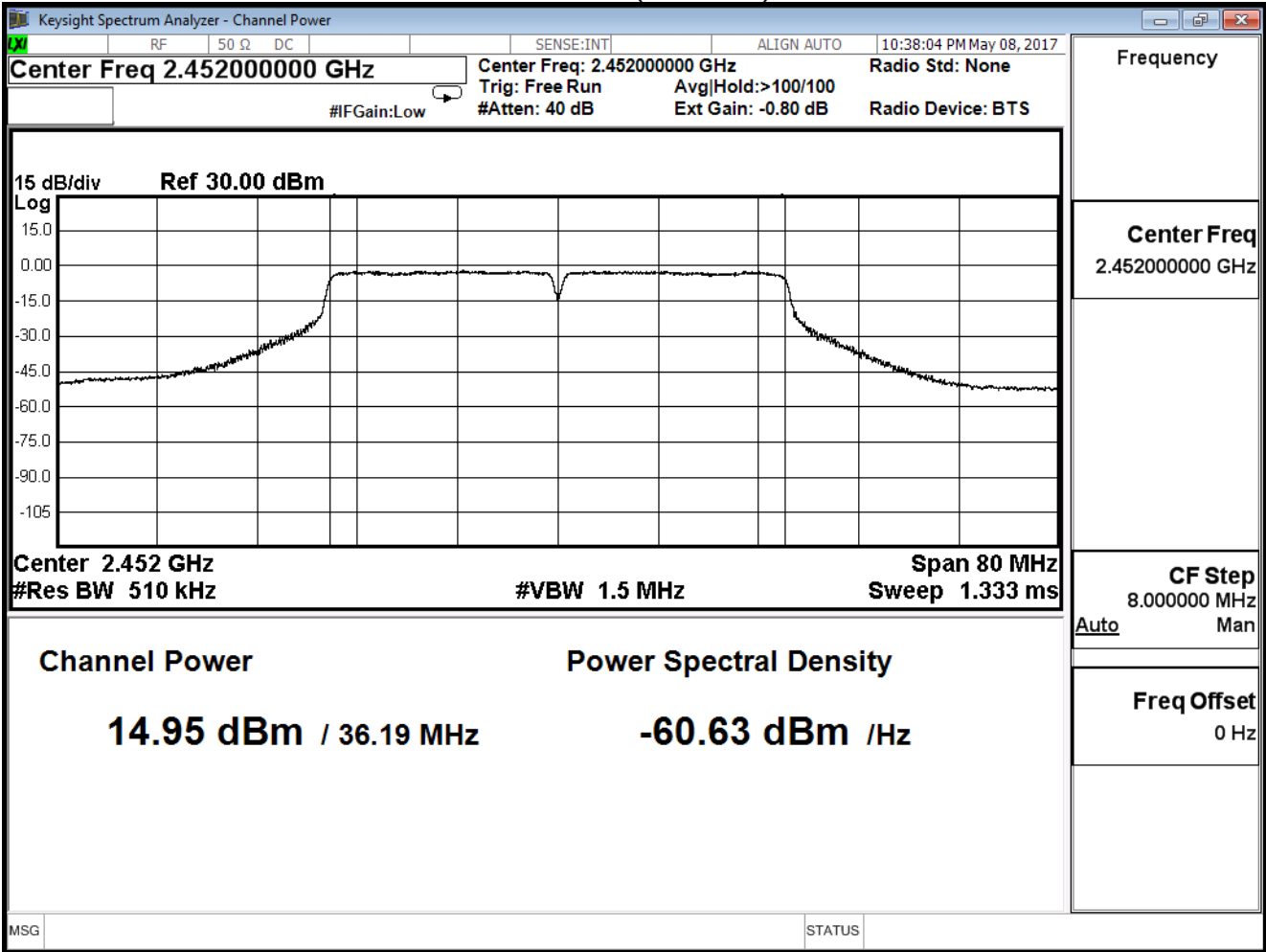
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



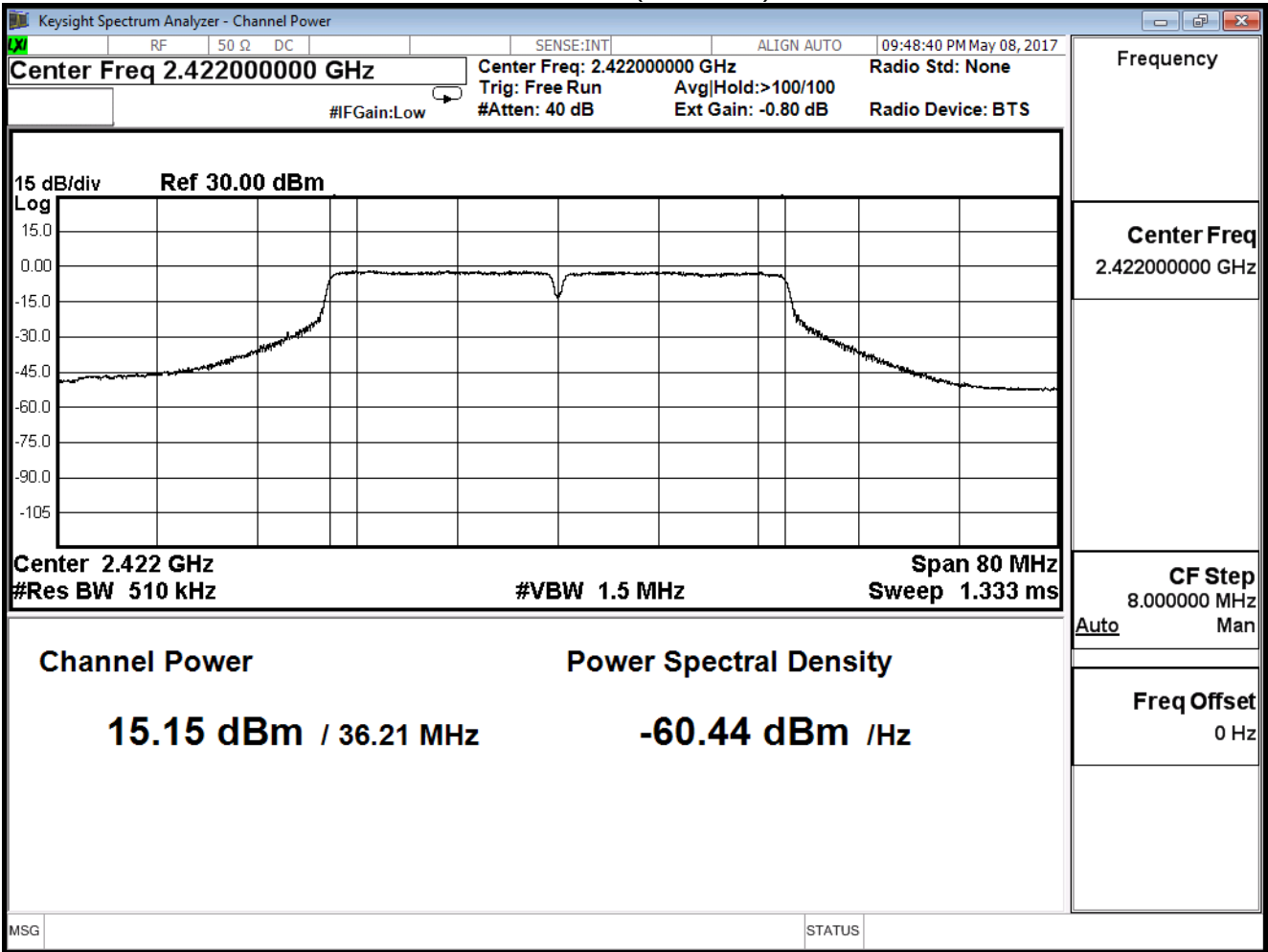
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.15	≤ 30
6	2437	17.76	≤ 30
9	2452	14.92	≤ 30

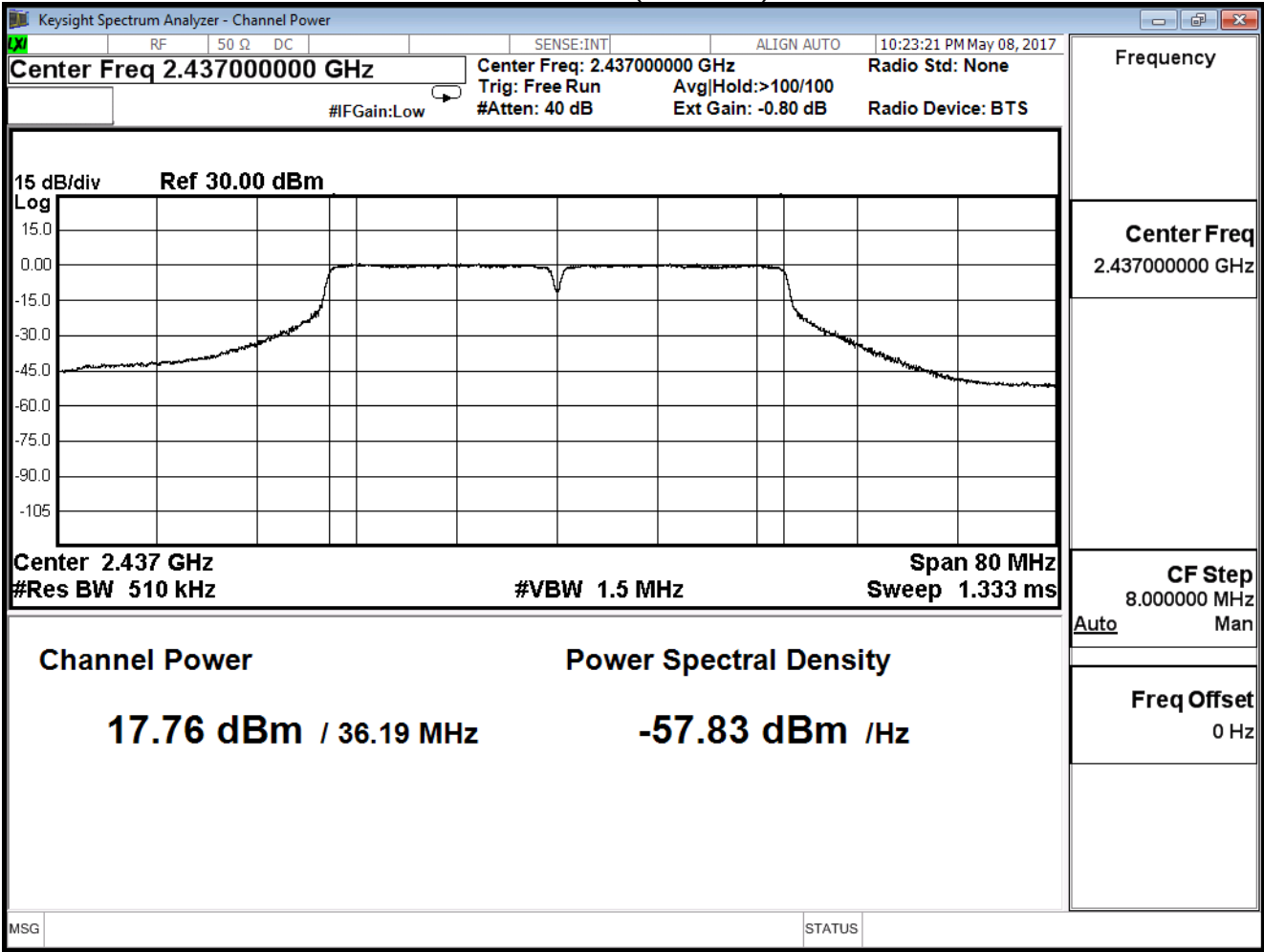
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	15.15	--	--	--	--	--	--	--	≤ 30
6	2437	17.76	17.69	17.61	17.57	17.53	17.46	17.41	17.33	≤ 30
9	2452	14.92	--	--	--	--	--	--	--	≤ 30

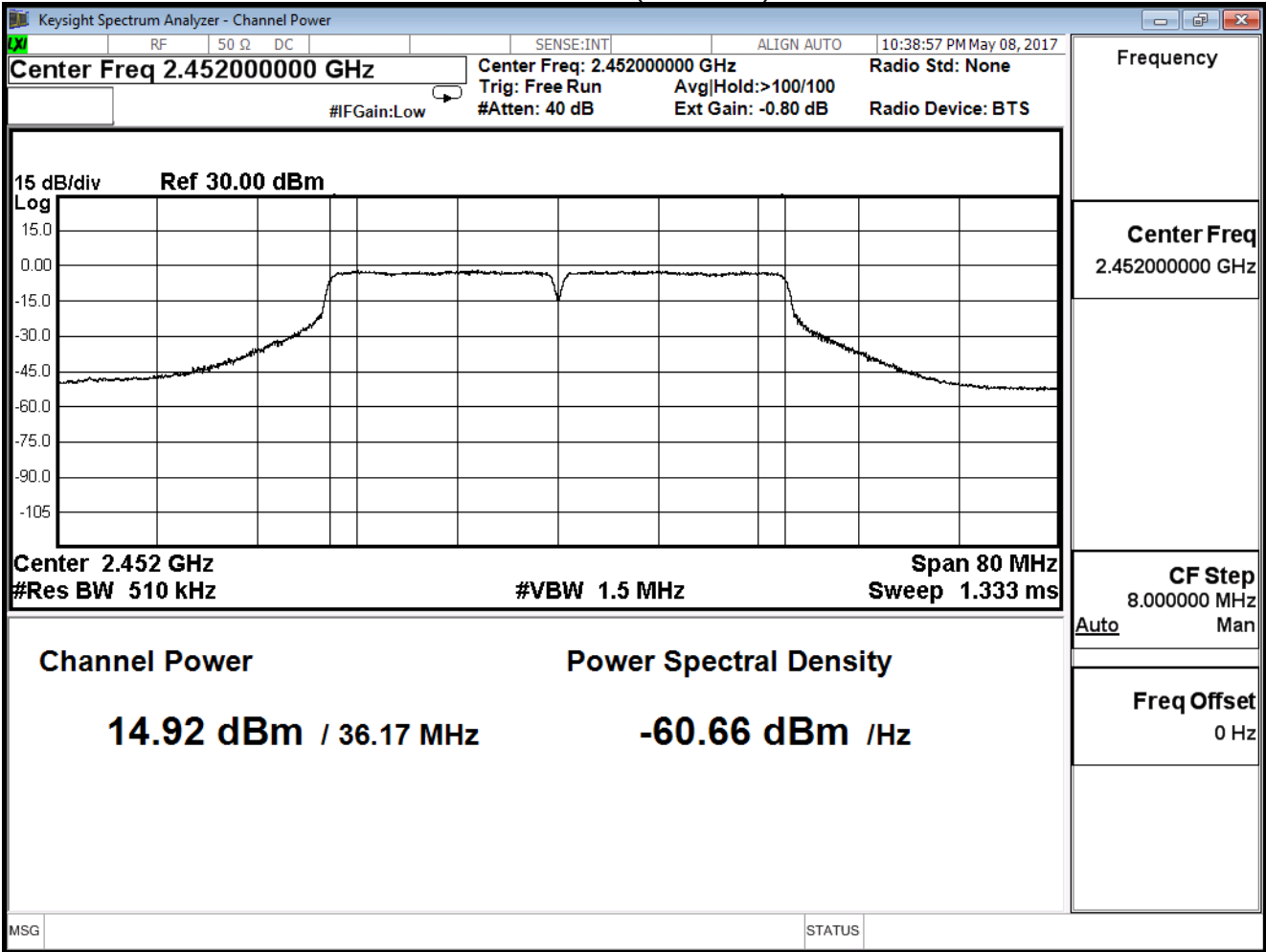
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/08	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.18	≤ 30
6	2437	23.79	≤ 30
9	2452	20.97	≤ 30

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.58	≤ 29.41
6	2437	22.40	≤ 29.41
11	2462	16.63	≤ 29.41

Note

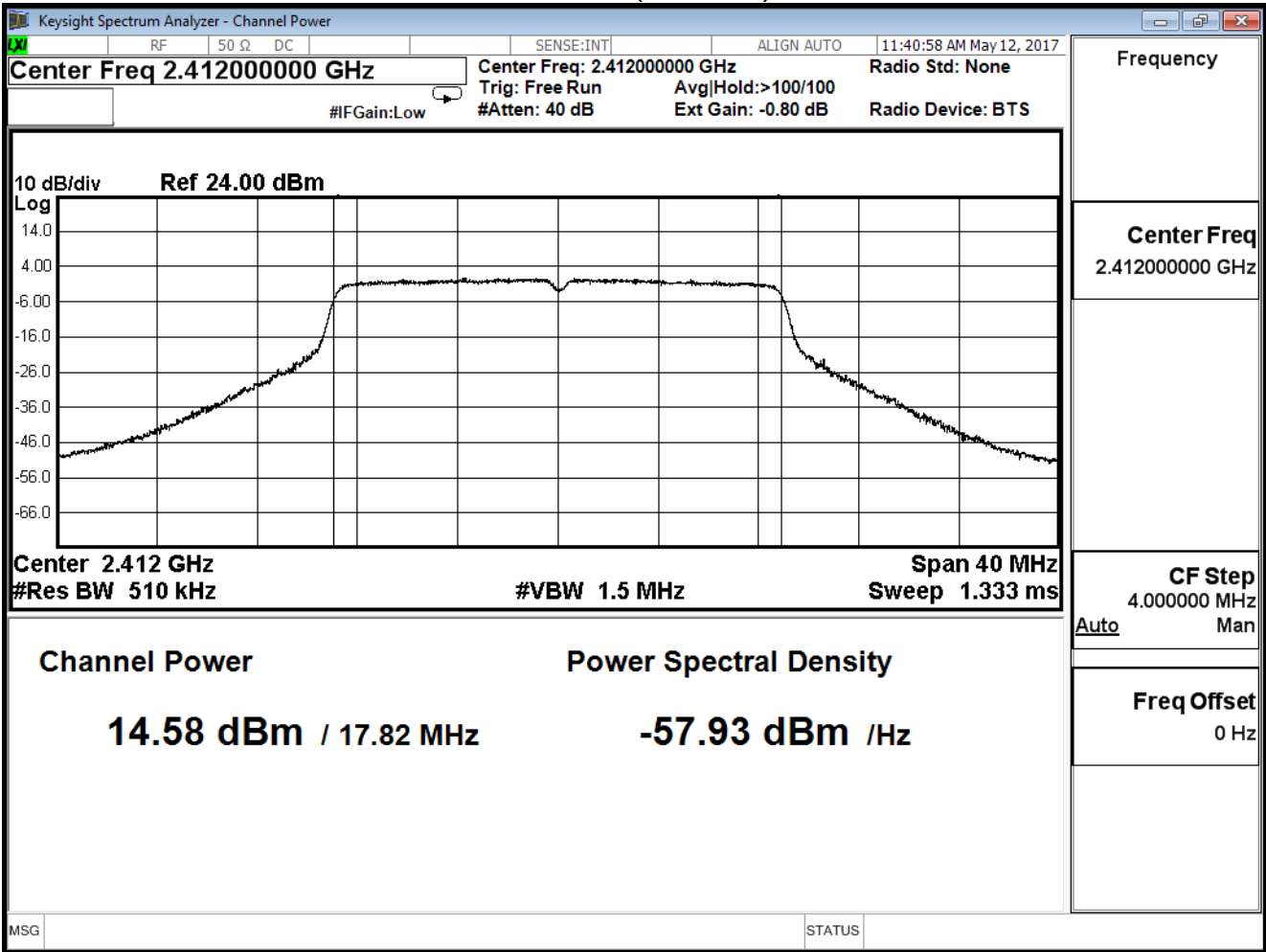
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

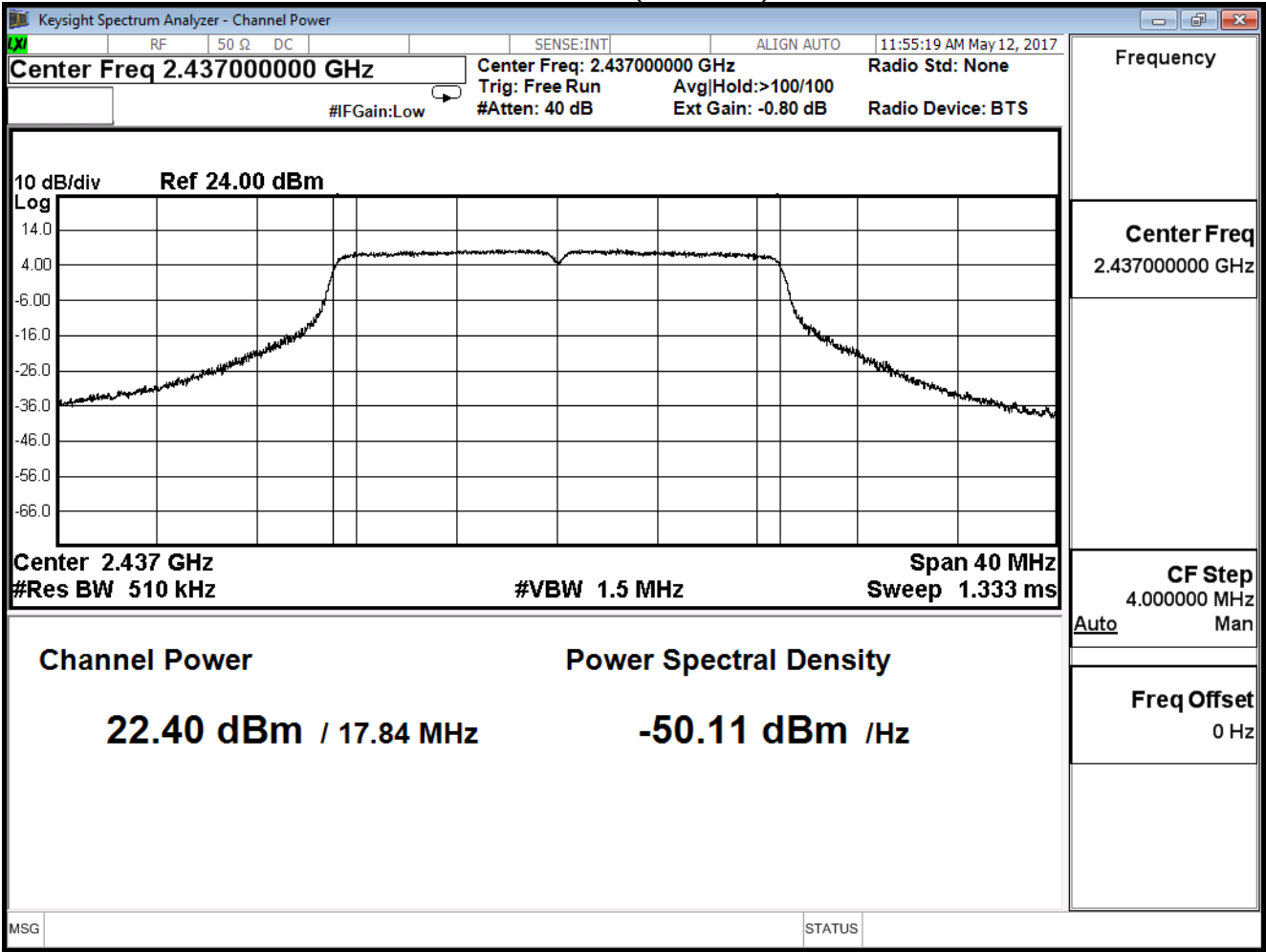
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	14.58	--	--	--	--	--	--		≤ 29.41
6	2437	22.40	22.32	22.18	22.02	21.89	21.73	21.63	21.43	≤ 29.41
11	2462	16.63	--	--	--	--	--	--		≤ 29.41

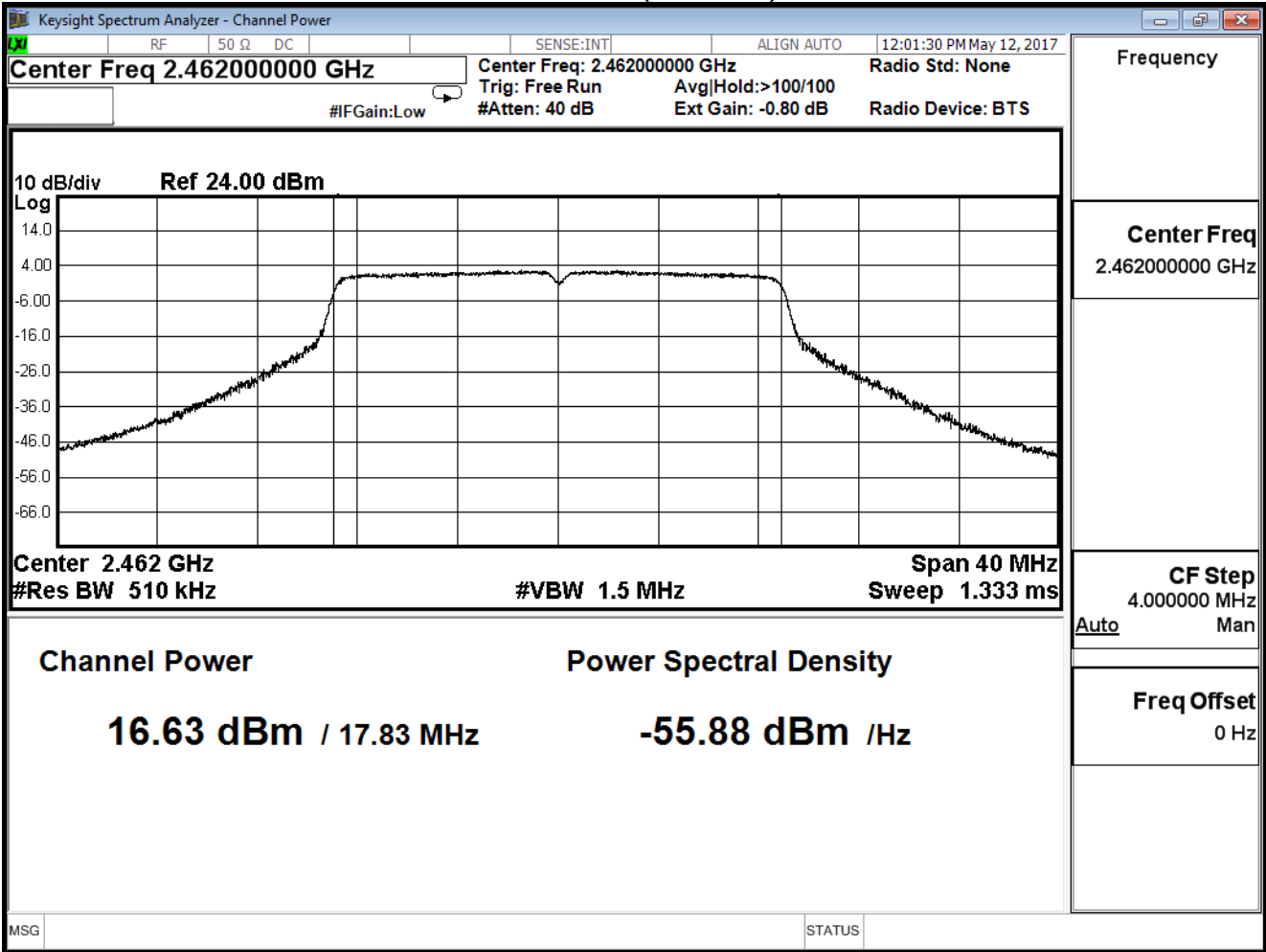
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.64	≤ 29.41
6	2437	22.36	≤ 29.41
11	2462	16.65	≤ 29.41

Note

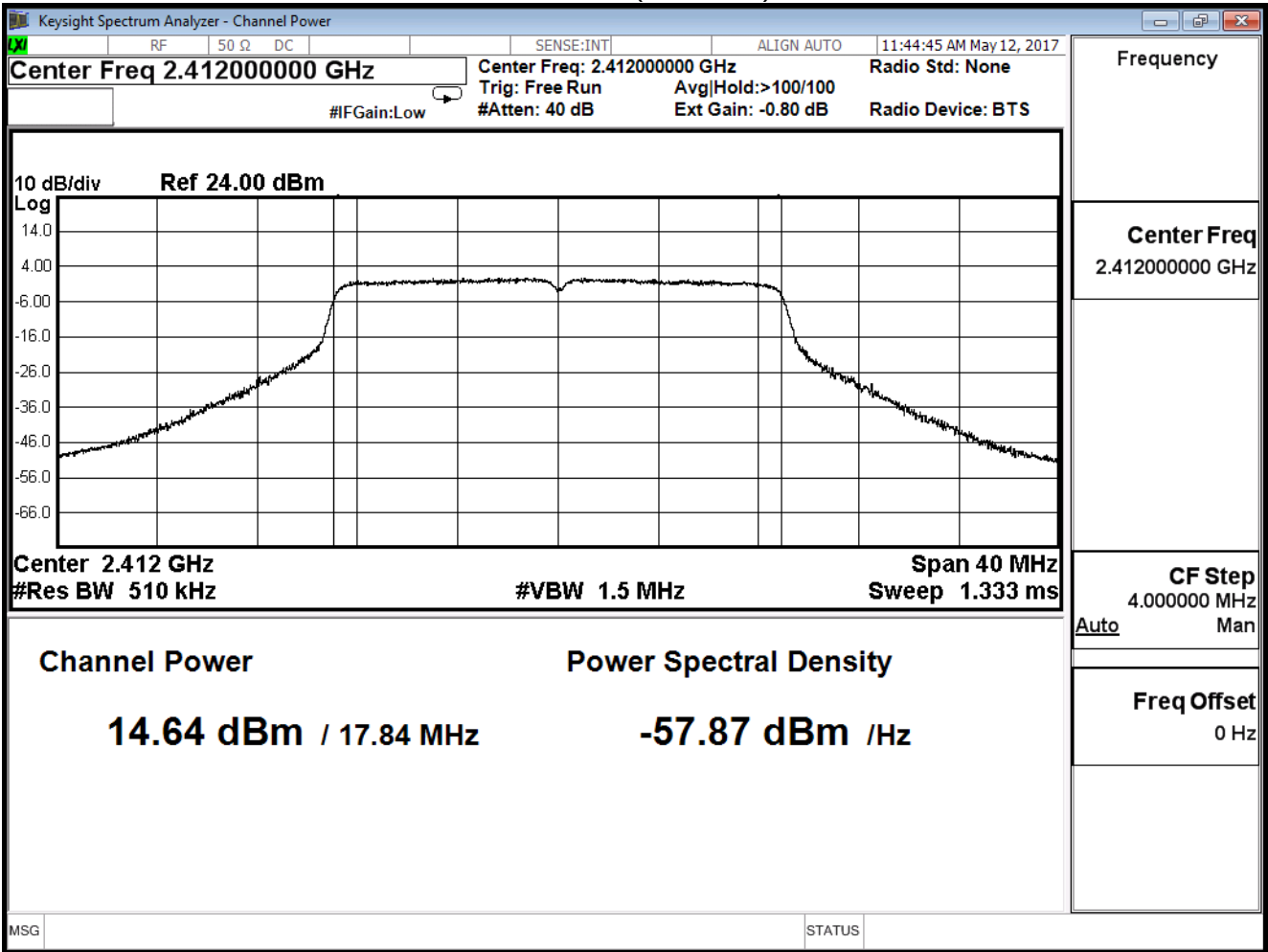
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

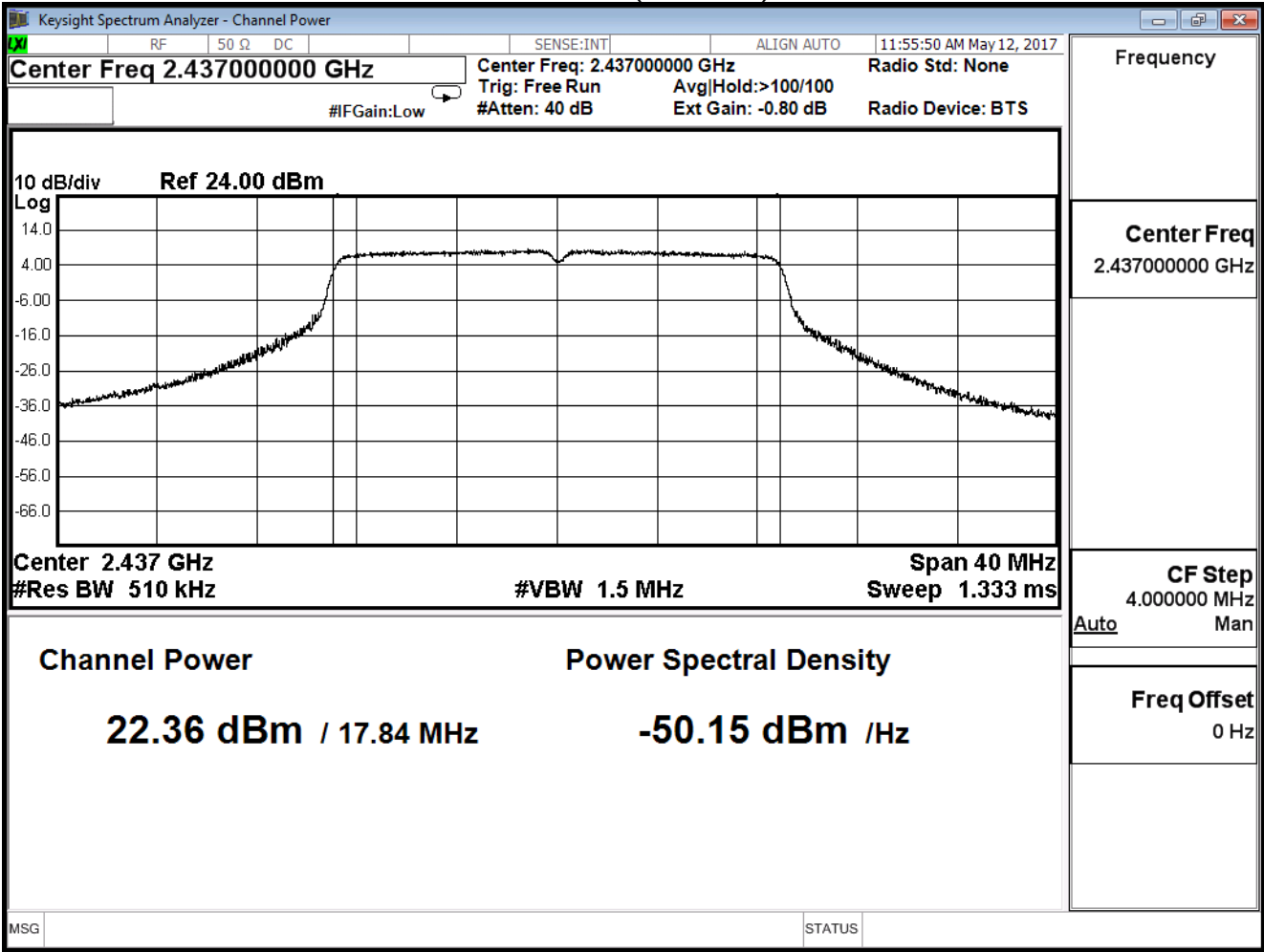
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	14.64	--	--	--	--	--	--	--	≤ 29.41
6	2437	22.36	22.21	22.11	21.92	21.82	21.68	21.43	21.29	≤ 29.41
11	2462	16.65	--	--	--	--	--	--	--	≤ 29.41

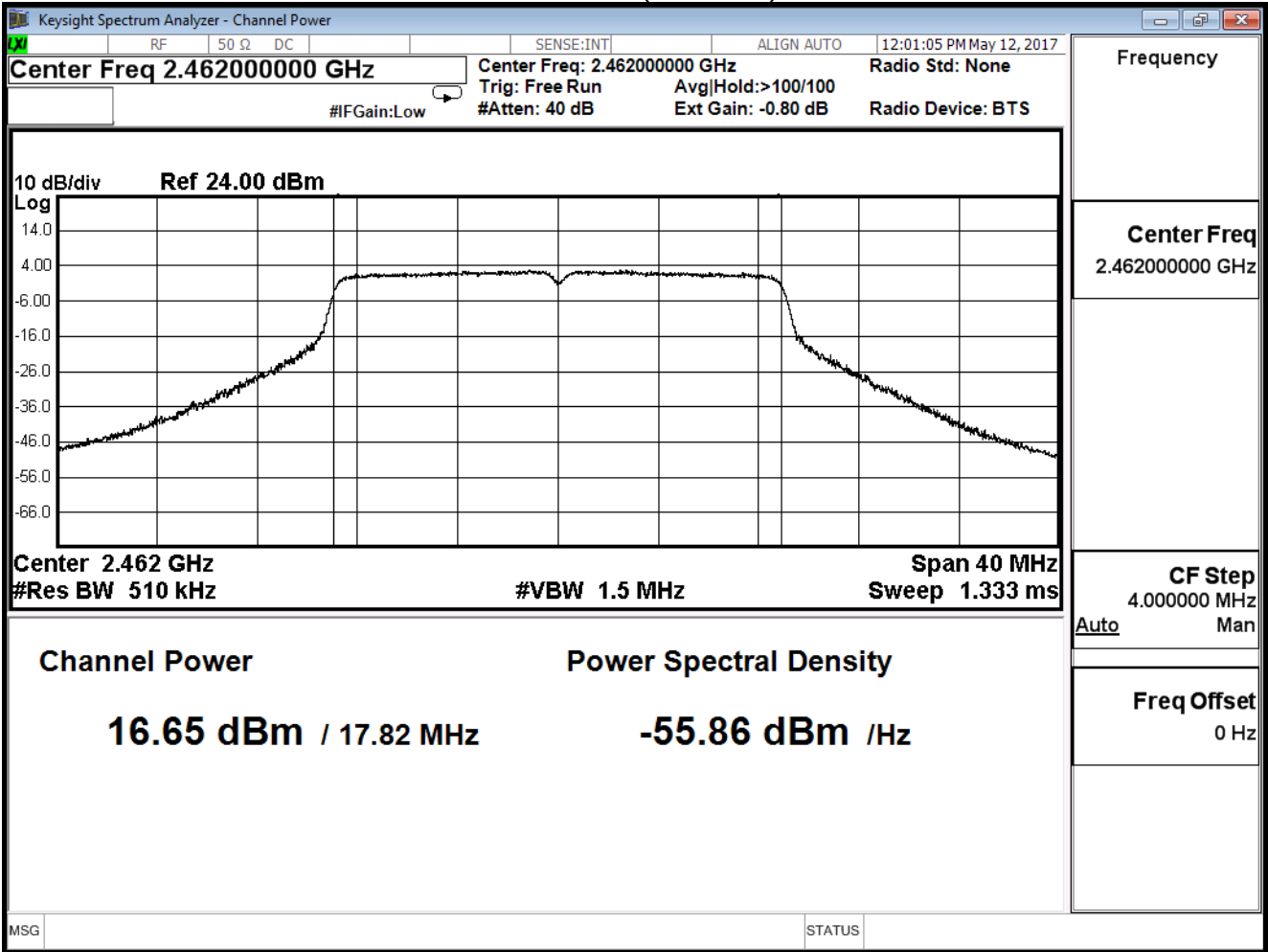
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.64	≤ 29.41
6	2437	22.34	≤ 29.41
11	2462	16.66	≤ 29.41

Note

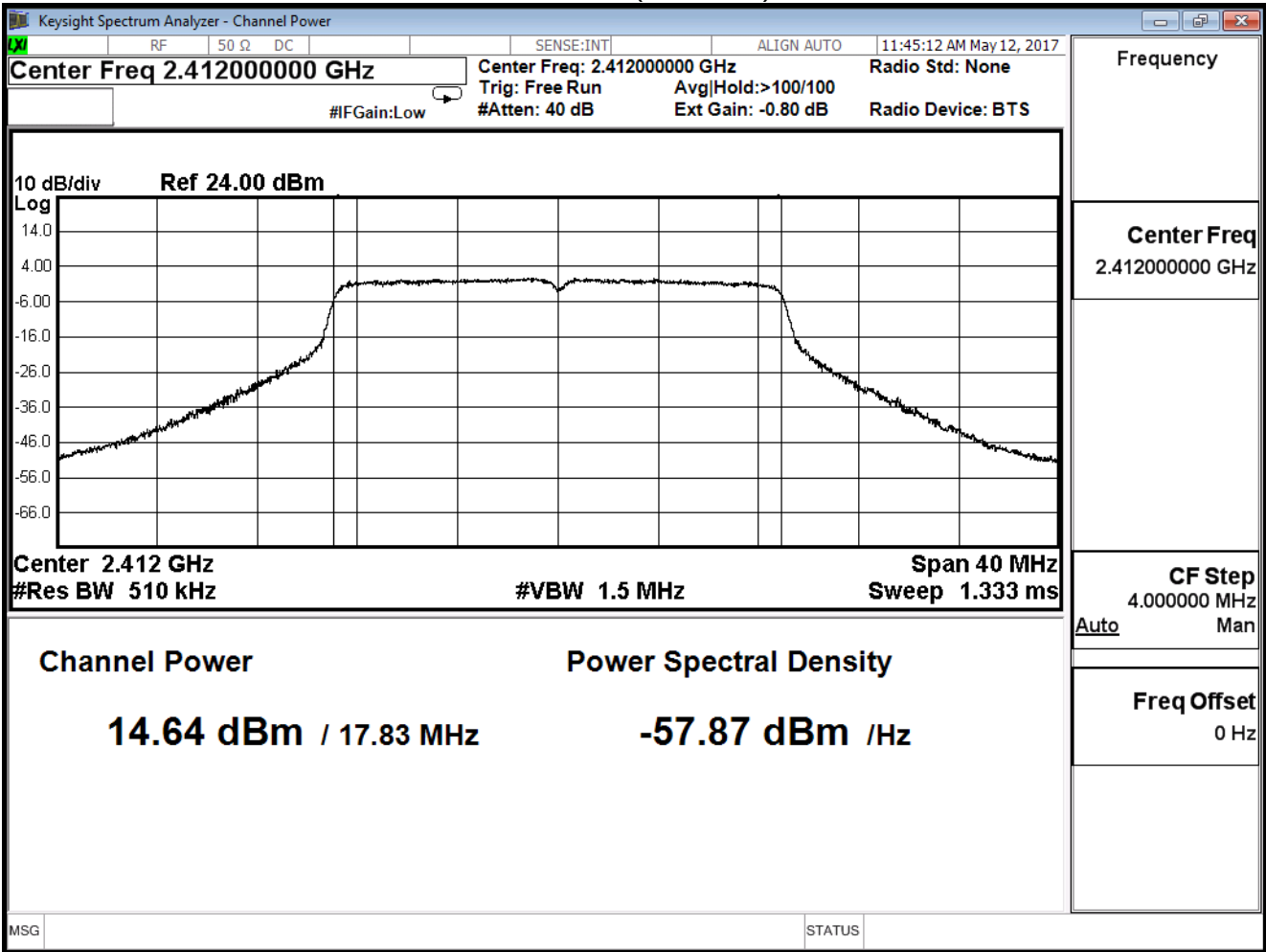
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

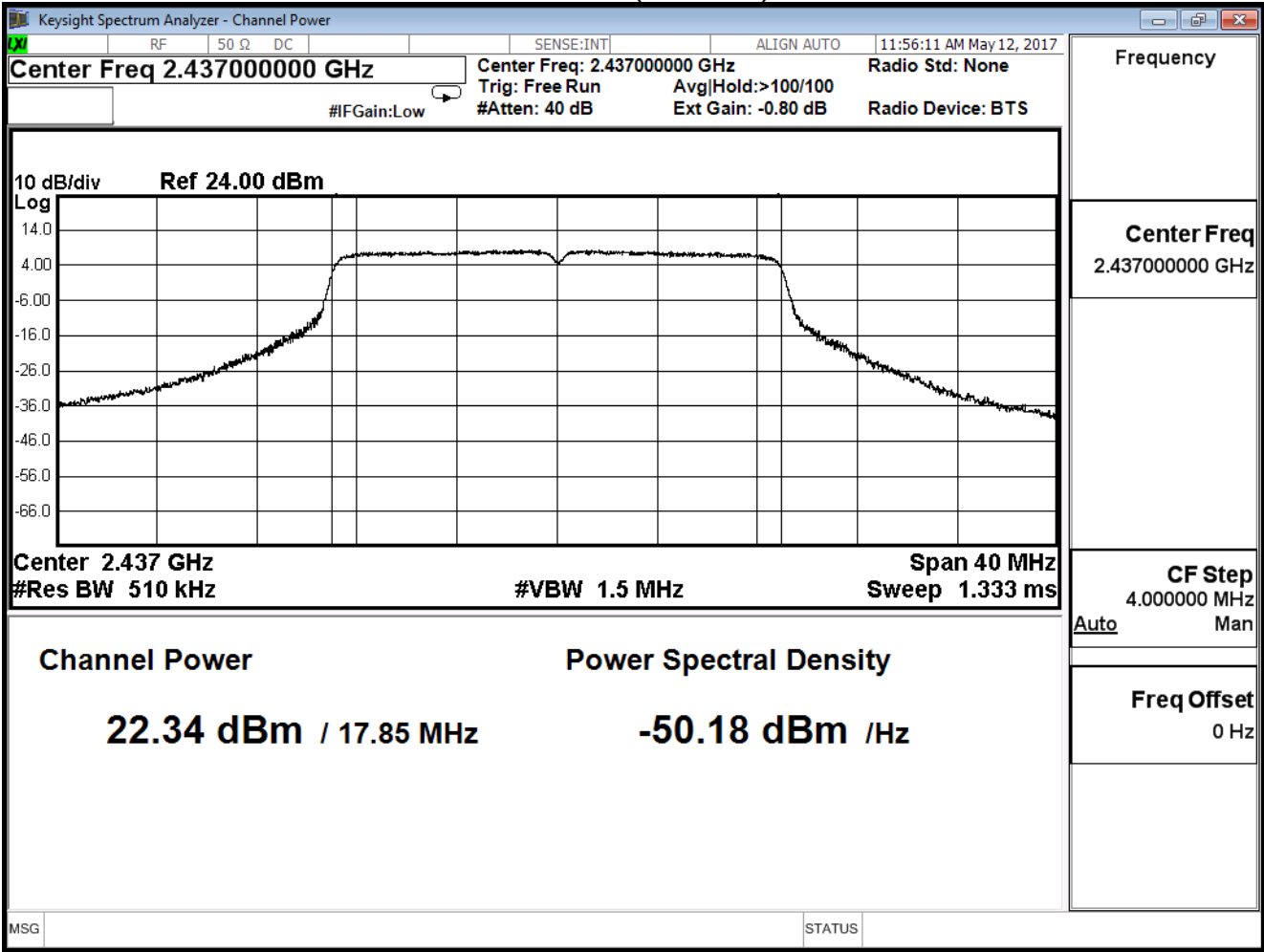
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	14.64	--	--	--	--	--	--		≤ 29.41
6	2437	22.34	22.28	22.13	22.01	21.87	21.71	21.53	21.32	≤ 29.41
11	2462	16.66	--	--	--	--	--	--		≤ 29.41

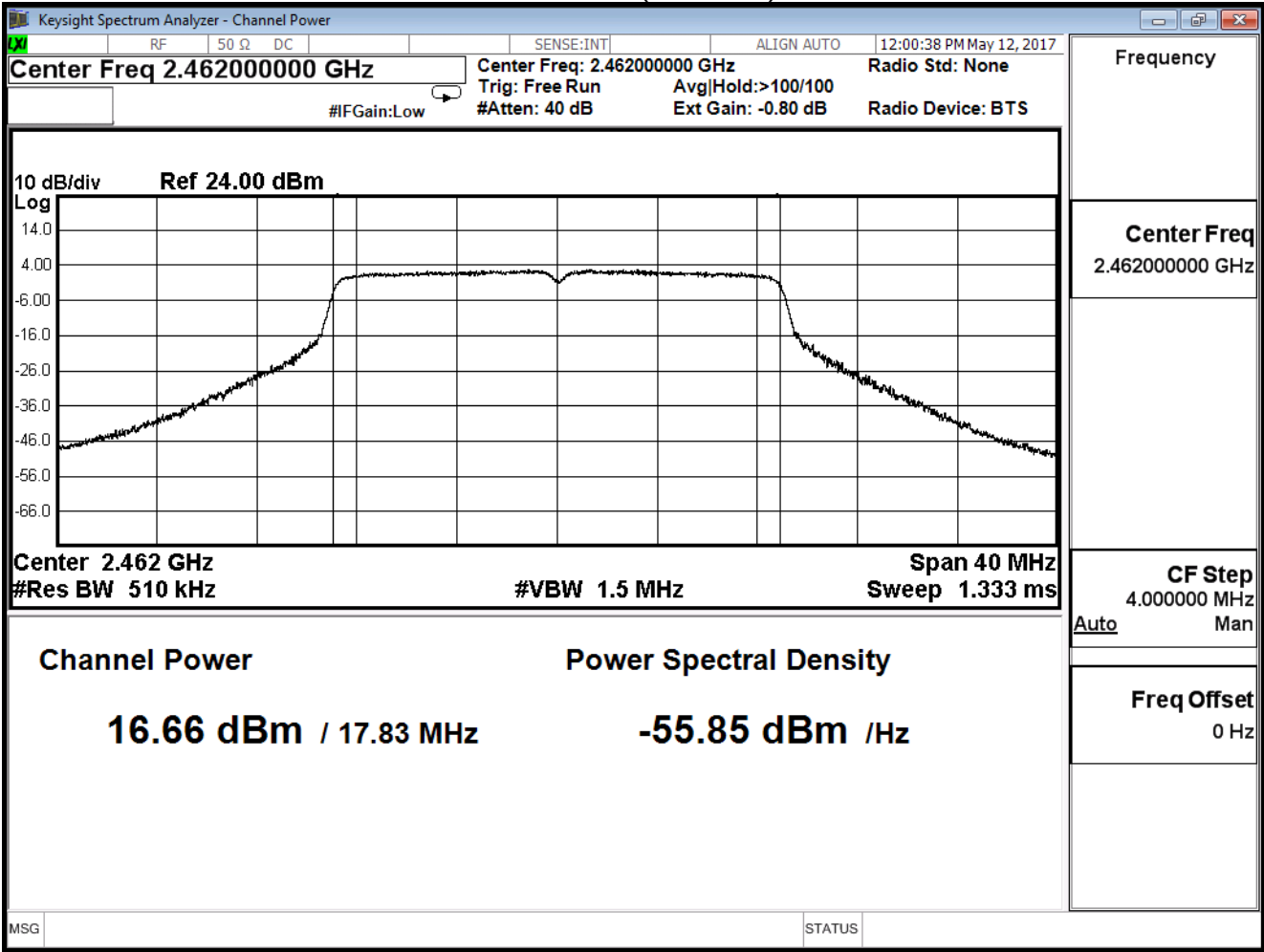
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.63	≤ 29.41
6	2437	22.32	≤ 29.41
11	2462	16.64	≤ 29.41

Note

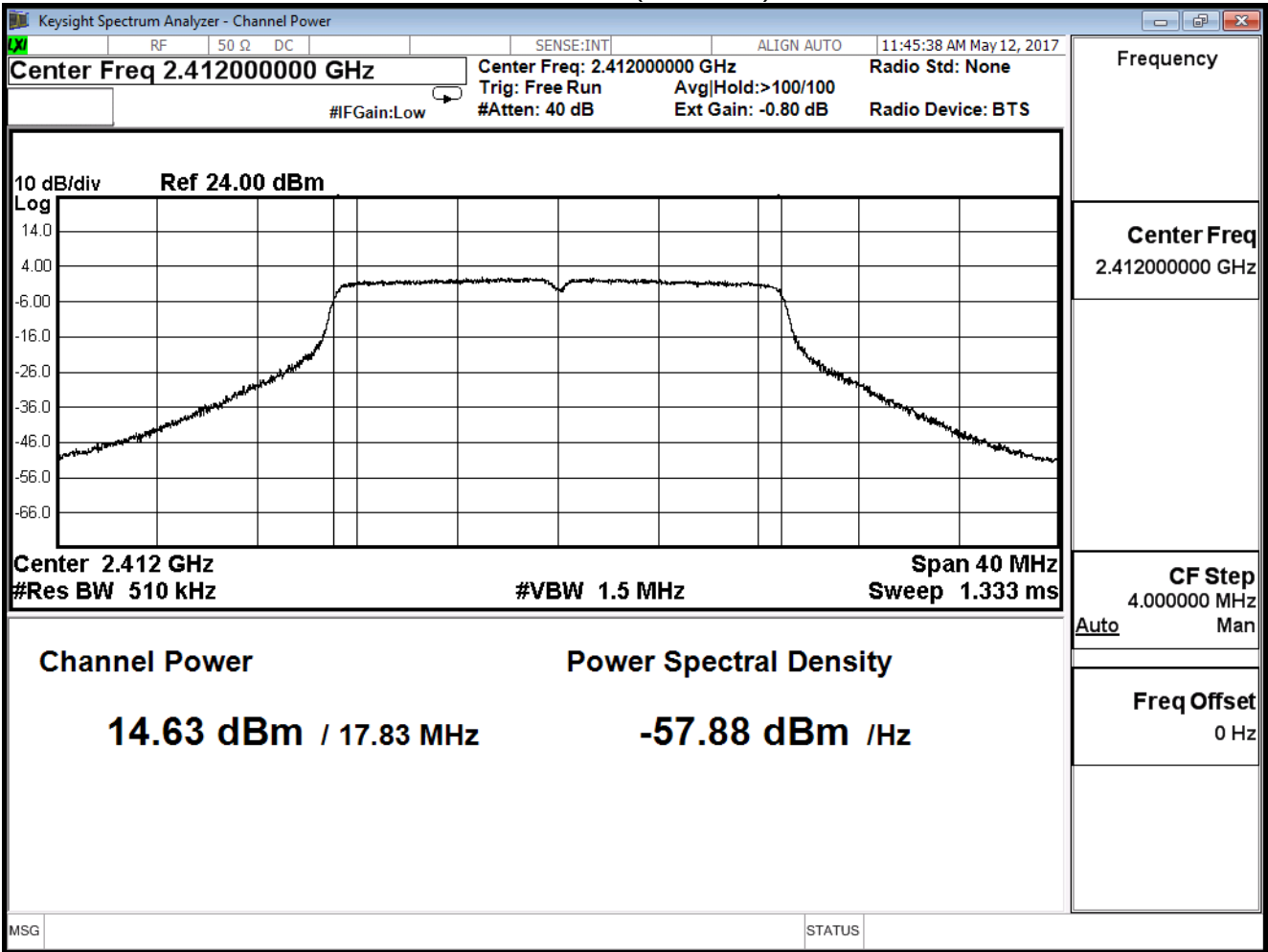
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

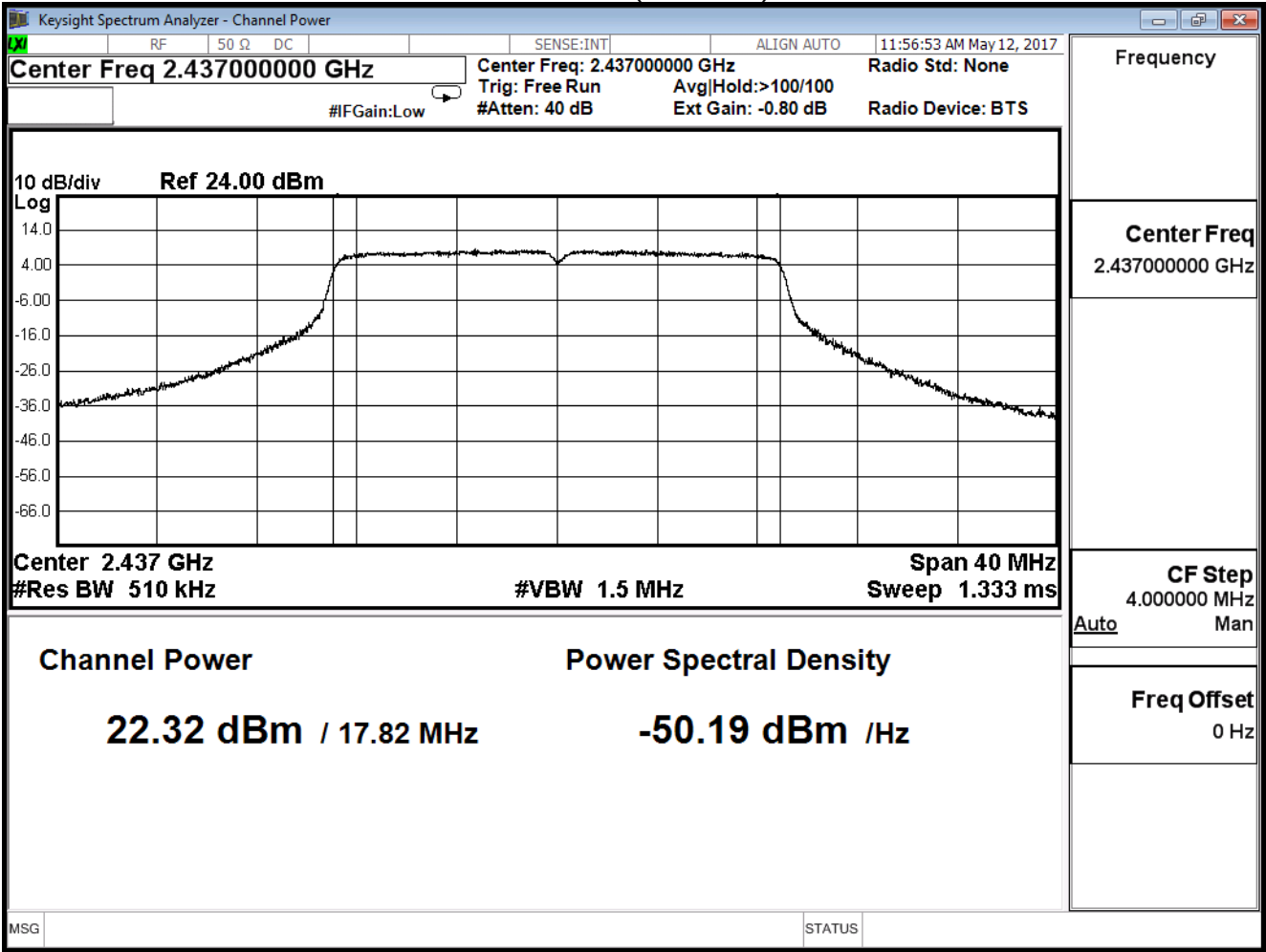
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
1	2412	14.63	--	--	--	--	--	--	--	≤ 29.41
6	2437	22.32	22.28	22.24	22.18	22.13	22.09	22.01	21.93	≤ 29.41
11	2462	16.64	--	--	--	--	--	--	--	≤ 29.41

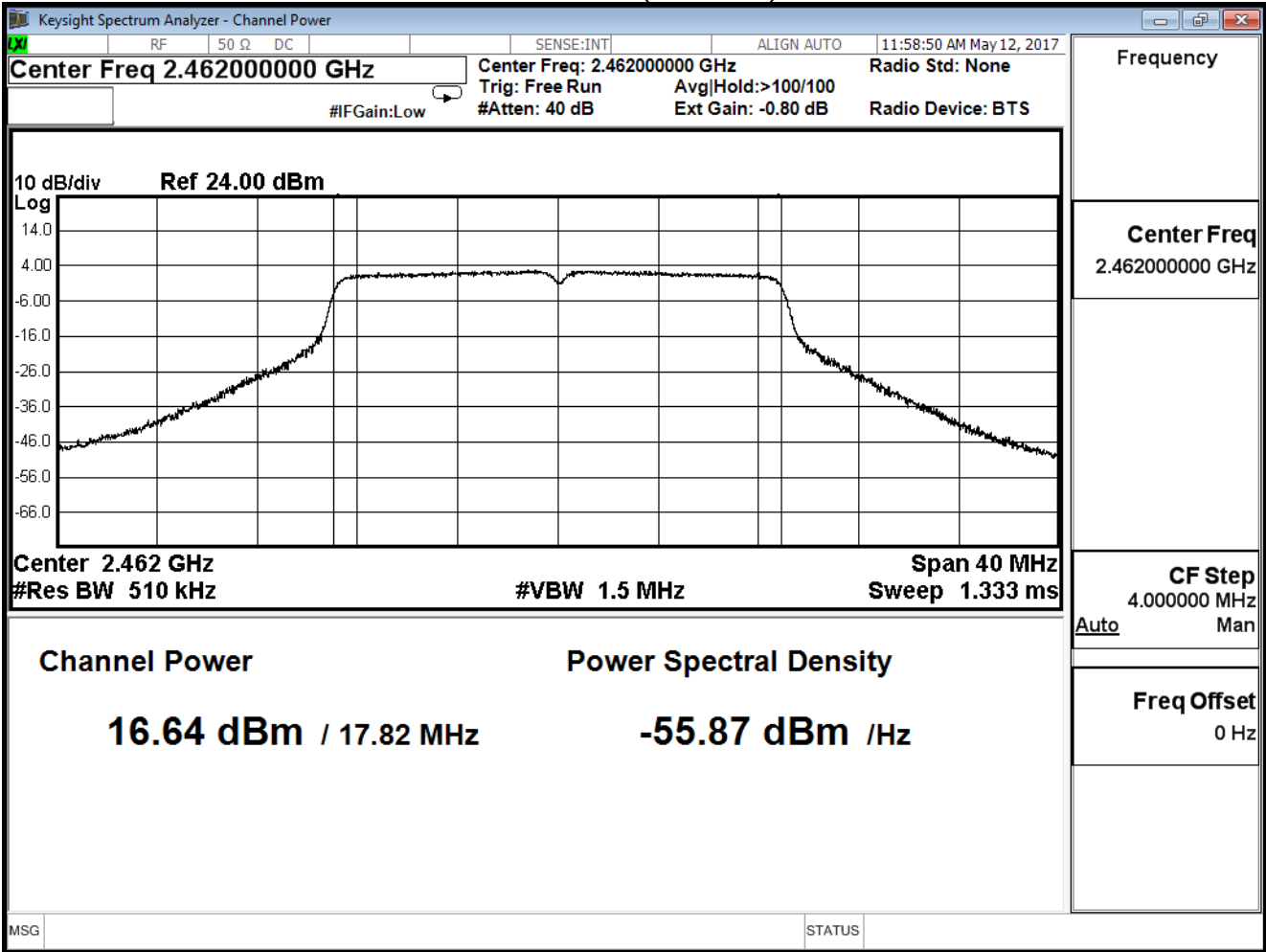
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.64	≤ 29.41
6	2437	28.38	≤ 29.41
11	2462	22.66	≤ 29.41

Note

Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	11.75	≤ 29.41
6	2437	15.41	≤ 29.41
9	2452	13.97	≤ 29.41

Note

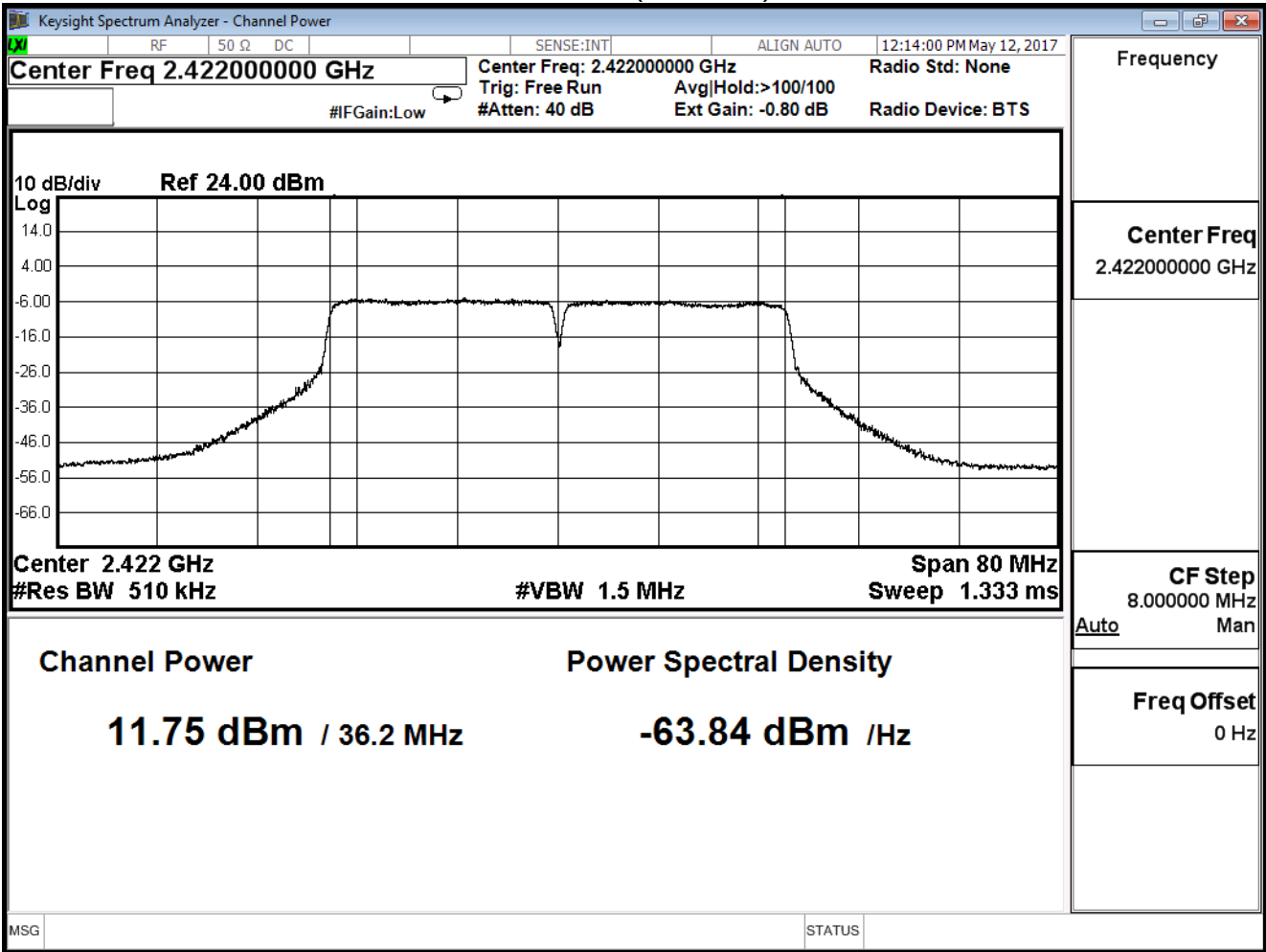
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

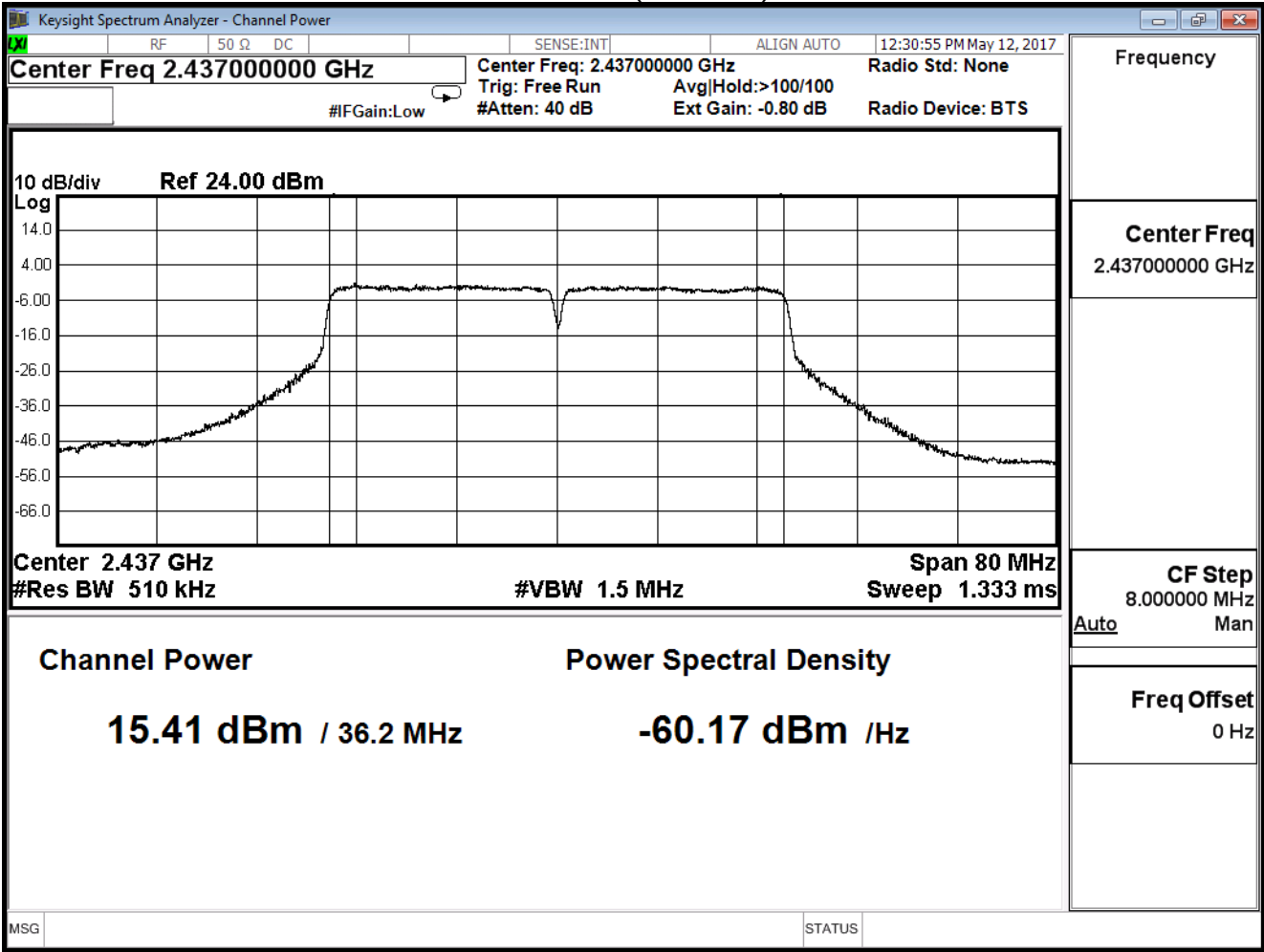
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	11.75	--	--	--	--	--	--	--	≤ 29.41
6	2437	15.41	15.23	15.10	14.89	14.65	14.43	14.21	14.09	≤ 29.41
9	2452	13.97	--	--	--	--	--	--	--	≤ 29.41

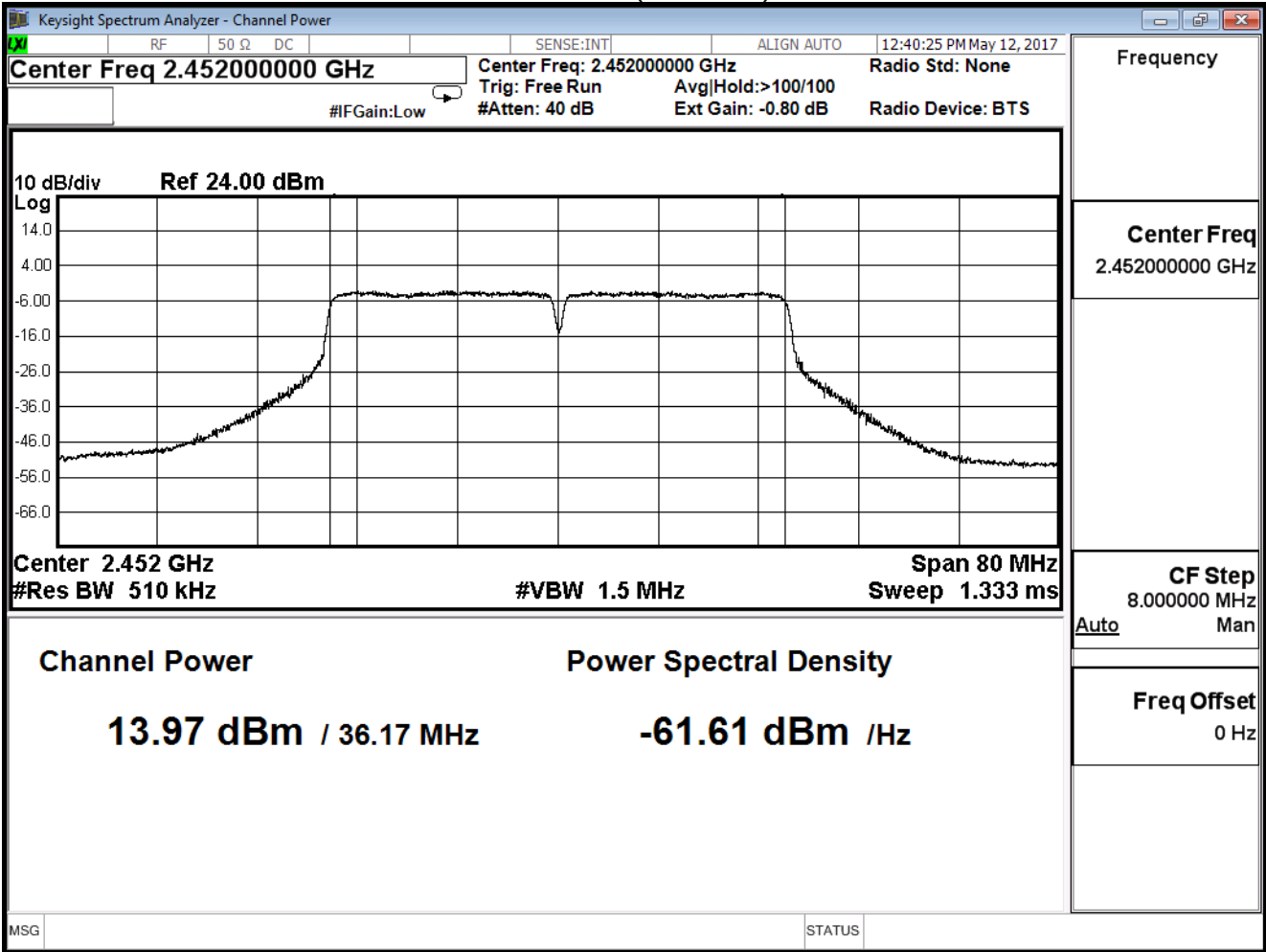
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	11.77	≤ 29.41
6	2437	15.40	≤ 29.41
9	2452	13.95	≤ 29.41

Note

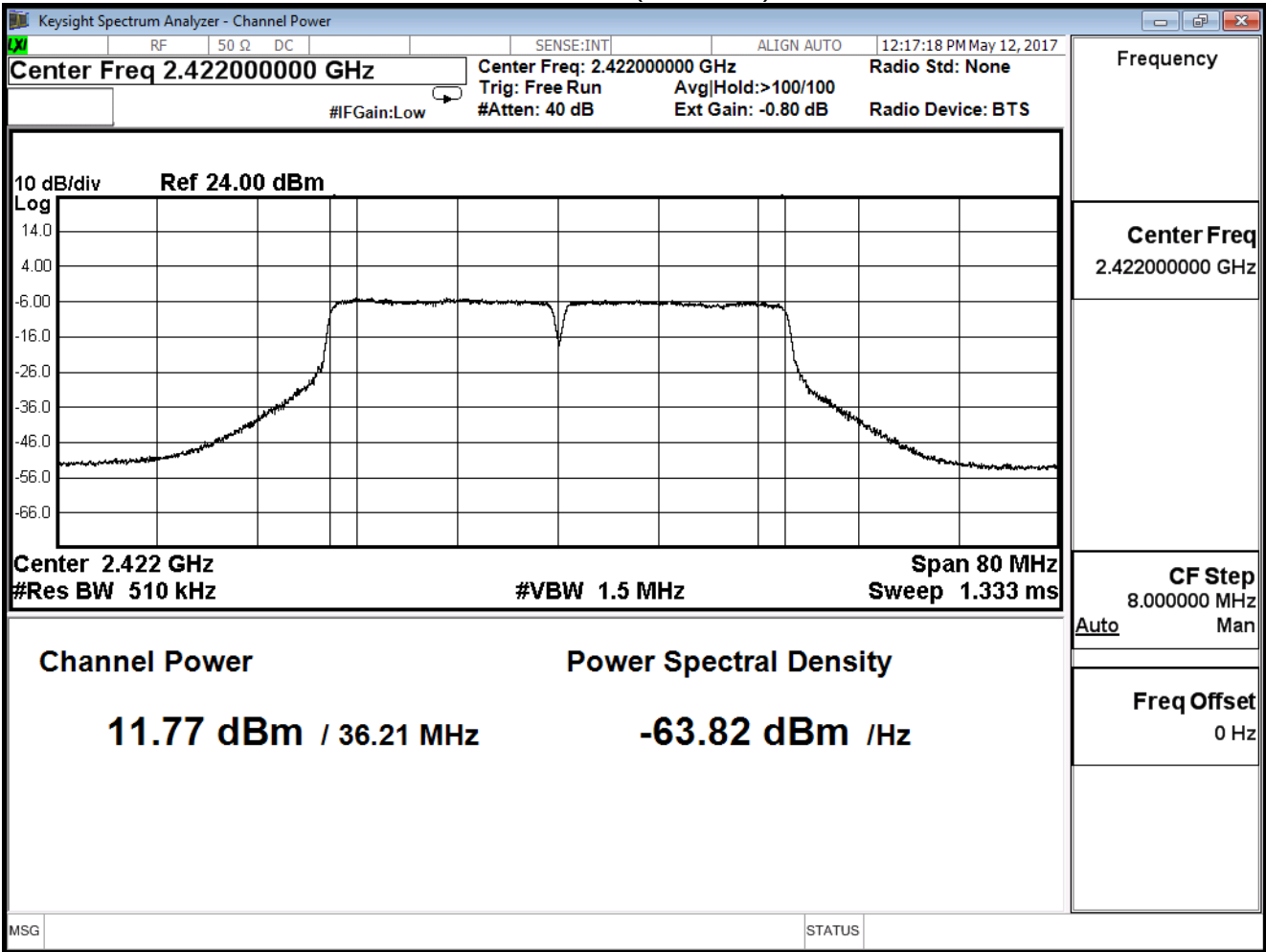
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

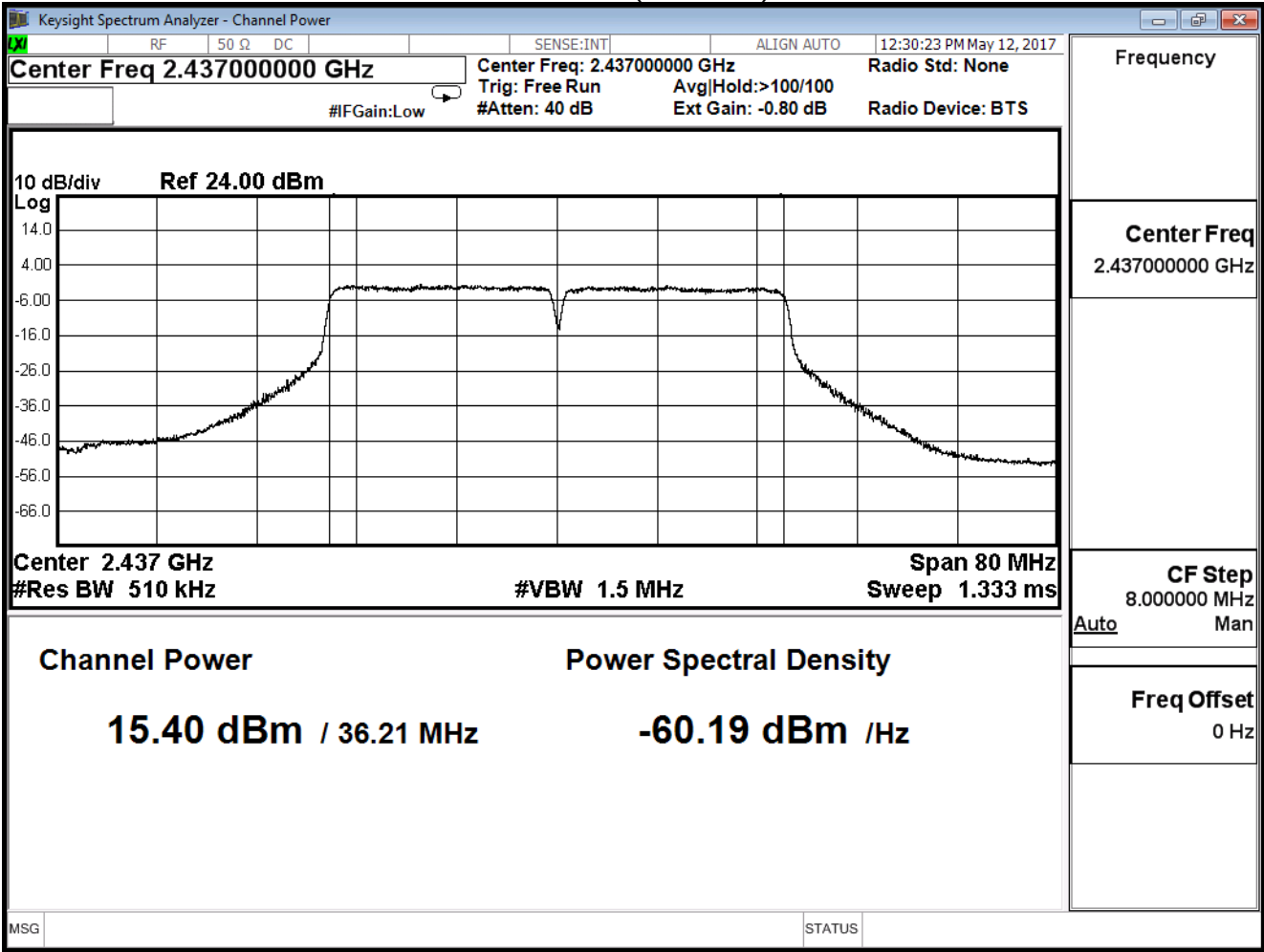
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	11.77	--	--	--	--	--	--	--	≤ 29.41
6	2437	15.40	15.21	15.01	14.87	14.65	14.32	14.09	13.81	≤ 29.41
9	2452	13.95	--	--	--	--	--	--	--	≤ 29.41

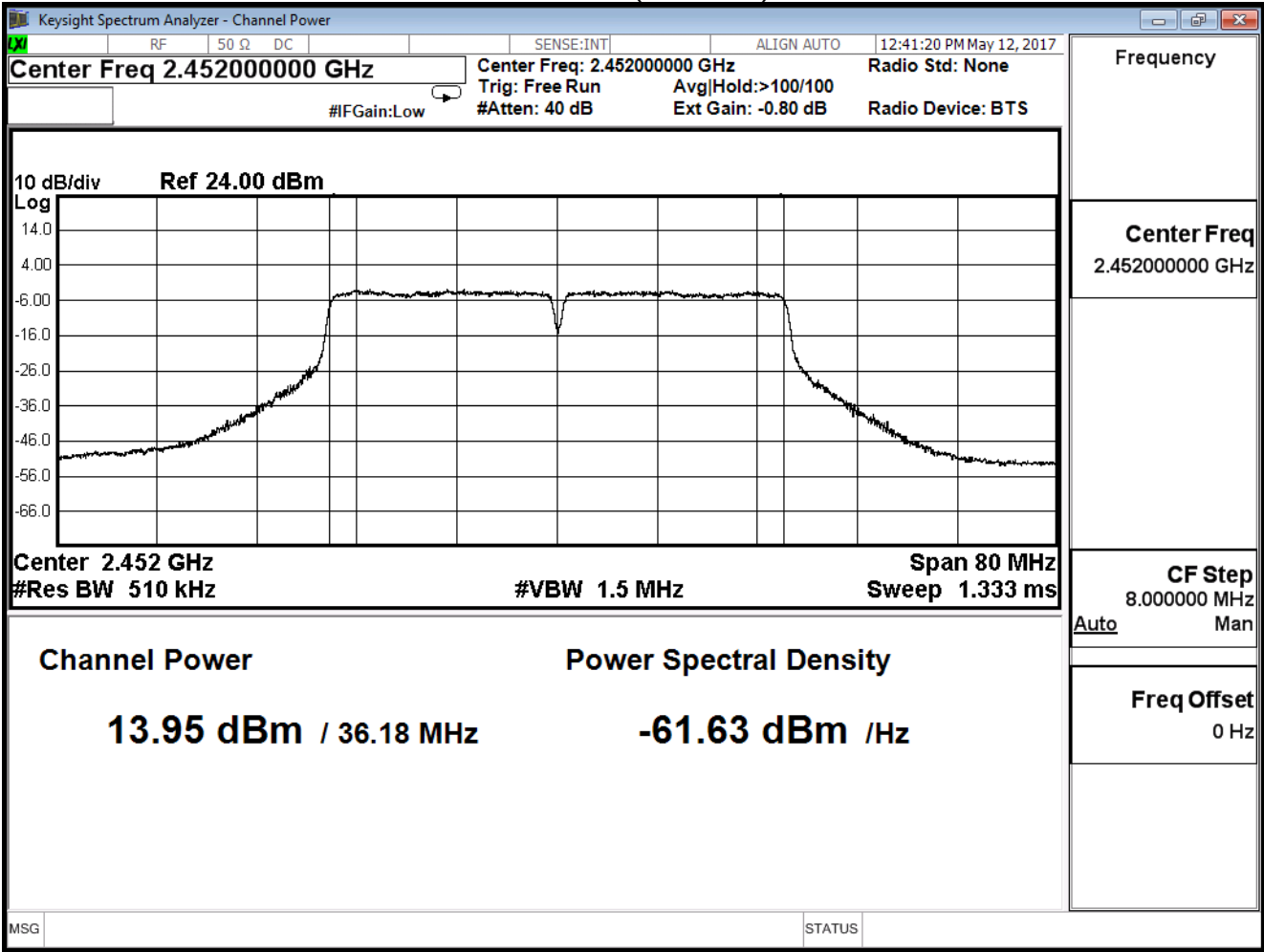
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	11.74	≤ 29.41
6	2437	15.44	≤ 29.41
9	2452	13.97	≤ 29.41

Note

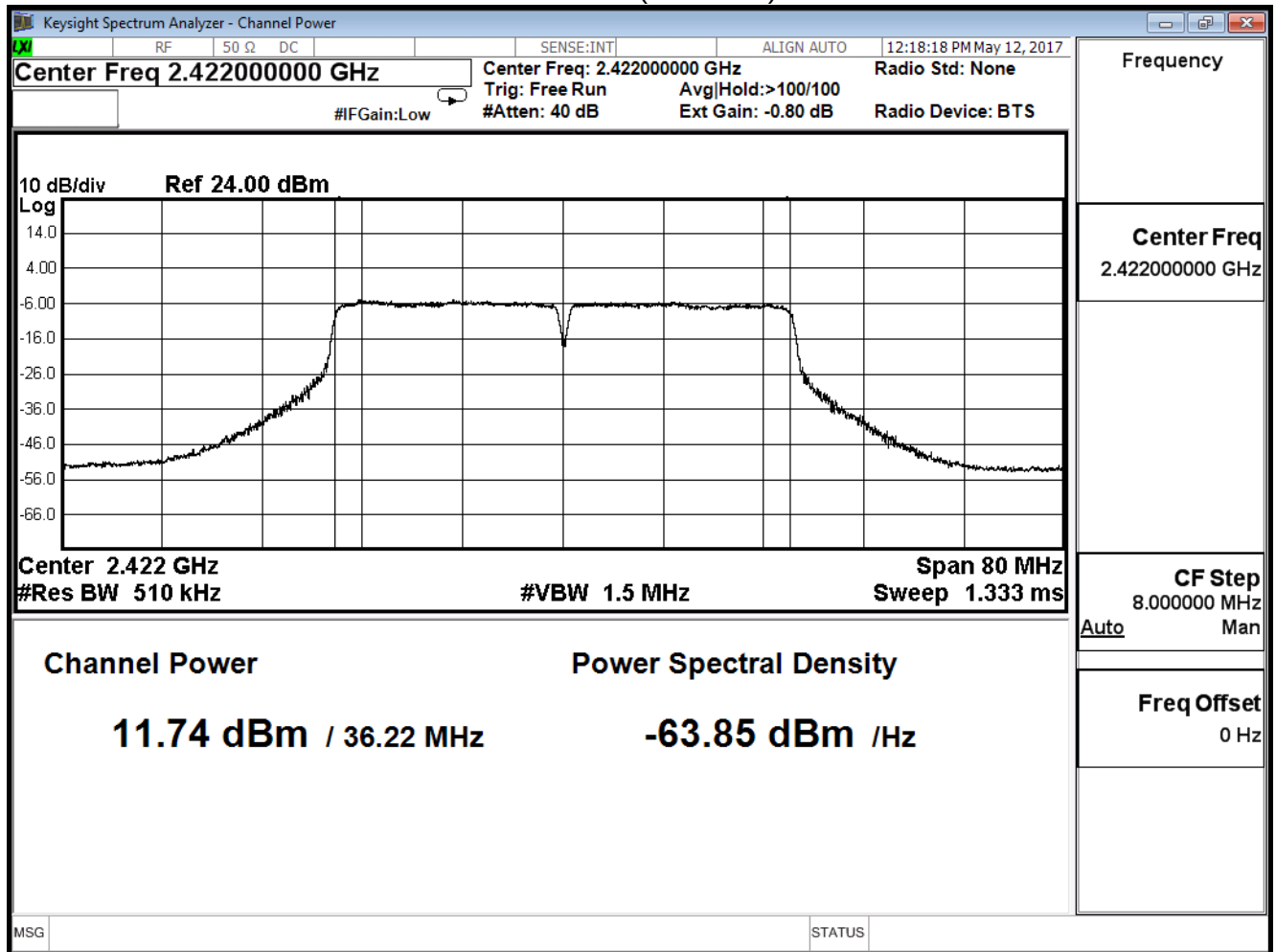
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

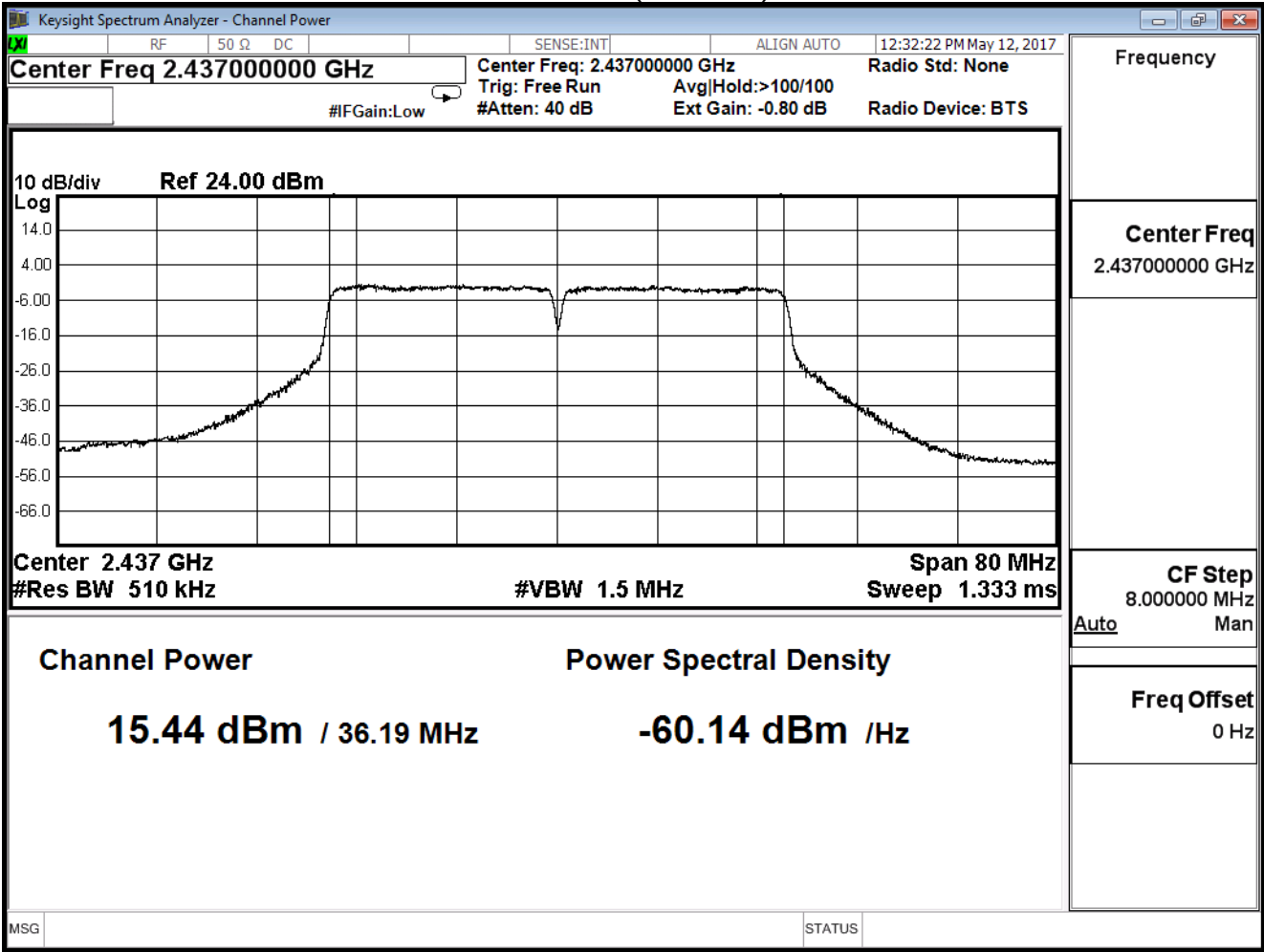
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	11.74	--	--	--	--	--	--	--	≤ 29.41
6	2437	15.44	15.21	15.1	14.91	14.76	14.51	14.32	14.12	≤ 29.41
9	2452	13.97	--	--	--	--	--	--	--	≤ 29.41

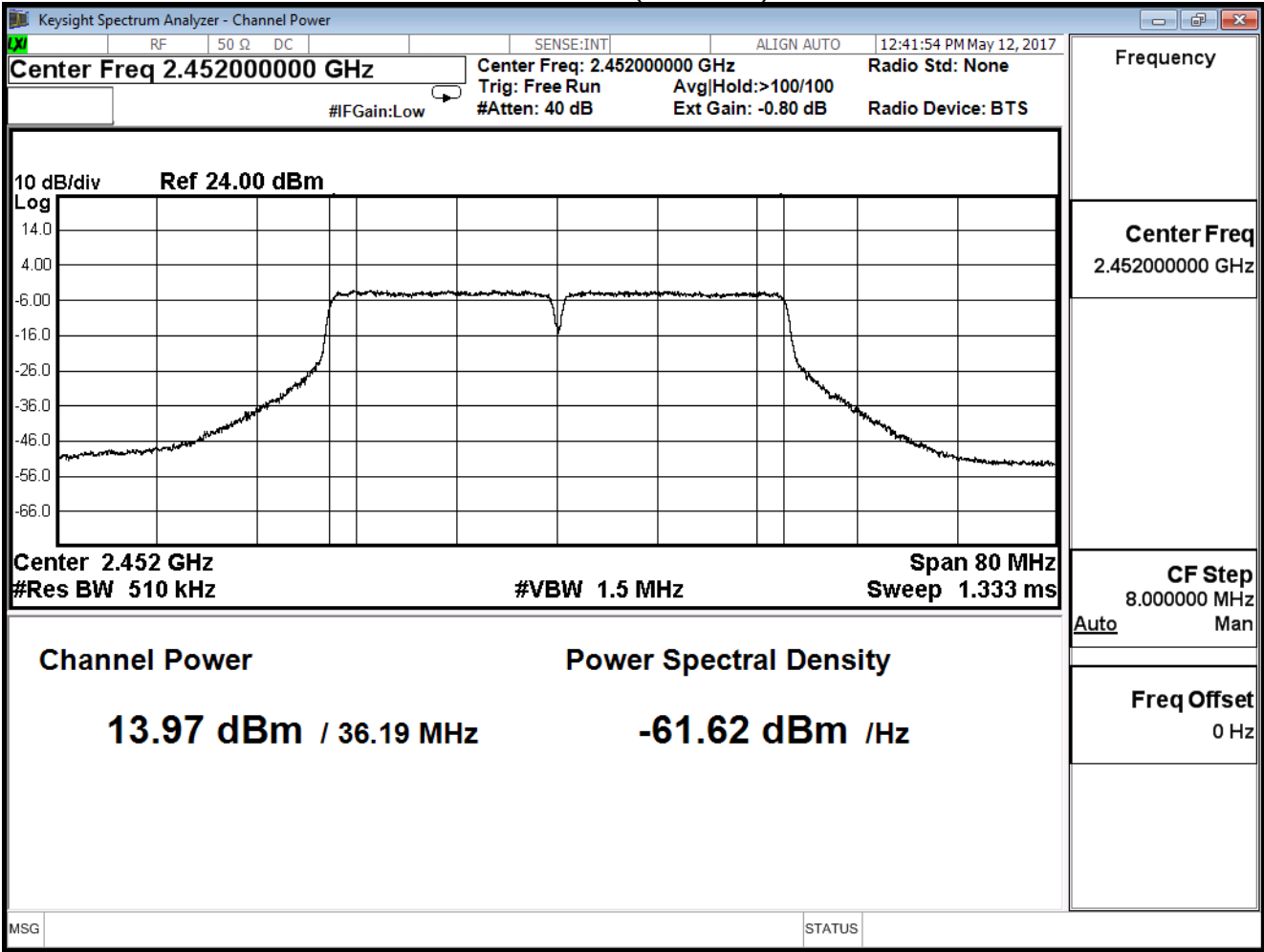
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	11.79	≤ 29.41
6	2437	15.42	≤ 29.41
9	2452	13.96	≤ 29.41

Note

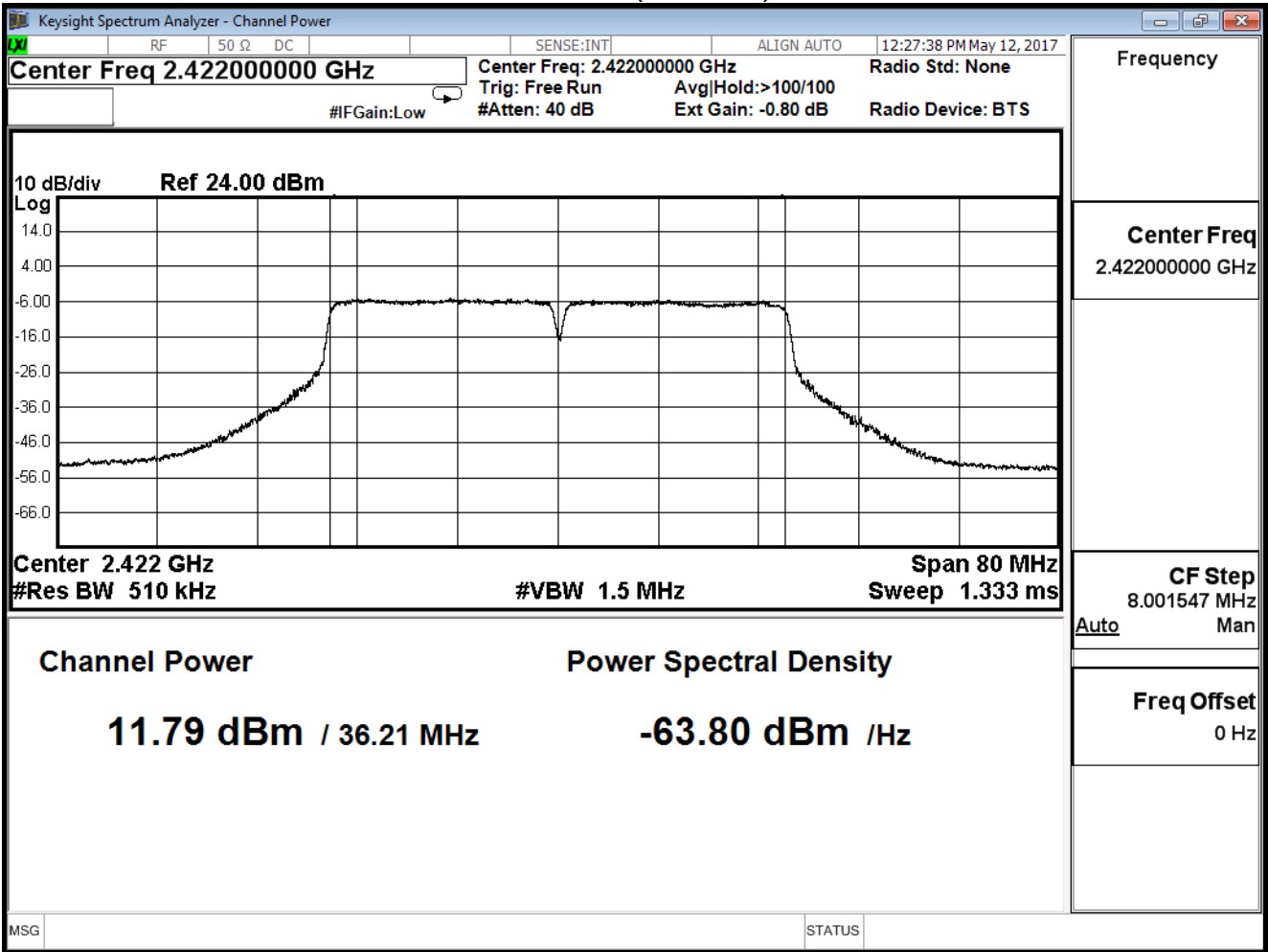
Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

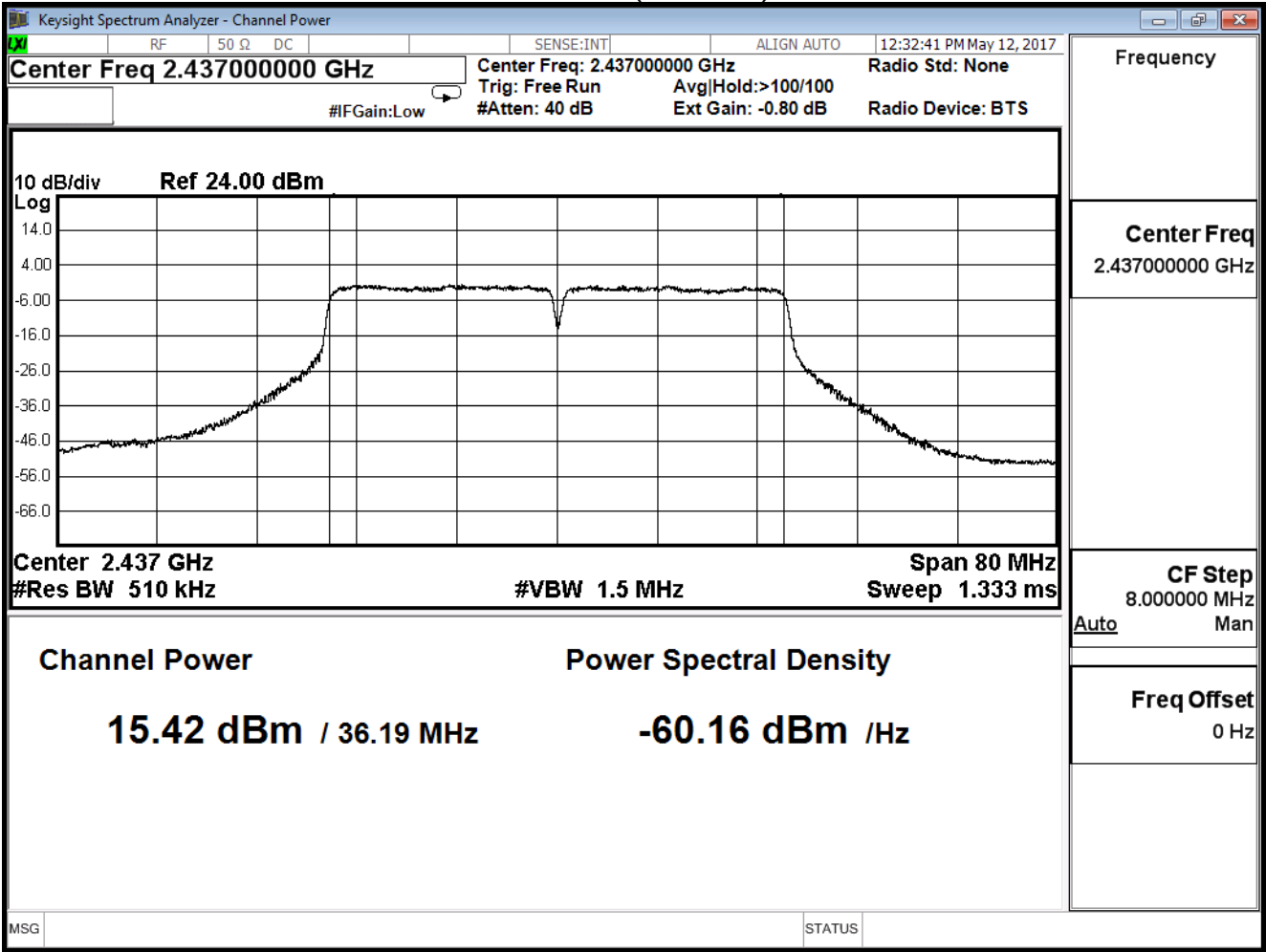
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		24	25	26	27	28	29	30	31	
3	2422	11.79	--	--	--	--	--	--	--	≤ 29.41
6	2437	15.42	15.37	15.32	15.29	15.21	15.18	15.14	15.06	≤ 29.41
9	2452	13.96	--	--	--	--	--	--	--	≤ 29.41

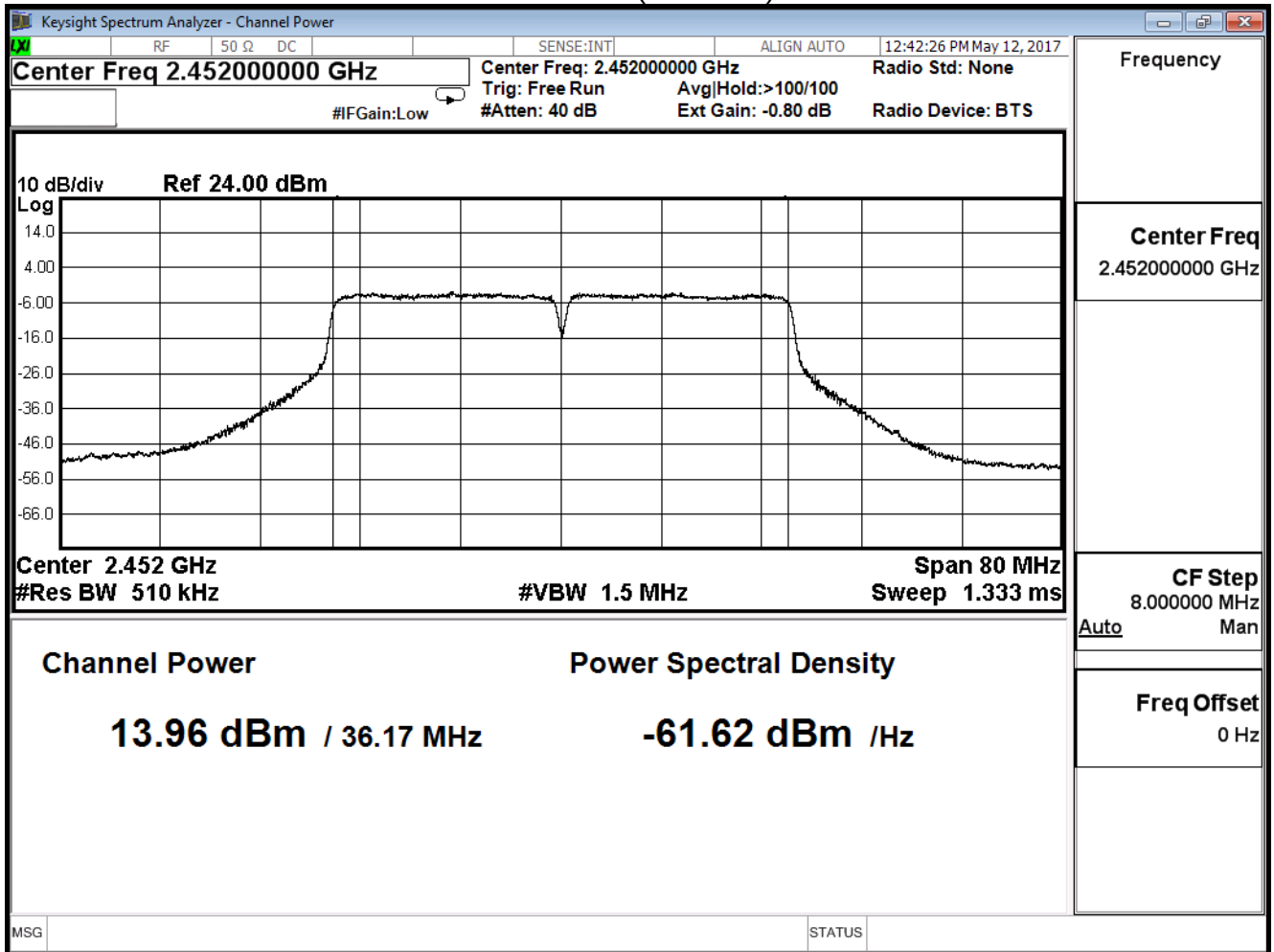
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Output		
Test Mode	Mode 4: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	17.78	≤ 29.41
6	2437	21.44	≤ 29.41
9	2452	19.98	≤ 29.41

Note

Effective Array Gain: 6.59dBi

Limit = $30 - (6.59 - 6) = 29.41$ dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipment are used during the test:

Radiated Emission / CB2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101455	2017/11/27
Bilog Antenna	Teseq	CBL6112D	23191	2017/07/04
Horn Antenna	Schwarzbeck	BBHA 9120	D639	2017/06/29
Pre-Amplifier	EMCI	EMC01820I	12162511	2018/03/08
Pre-Amplifier	EMCI	EMC01820I	980366	2018/01/22

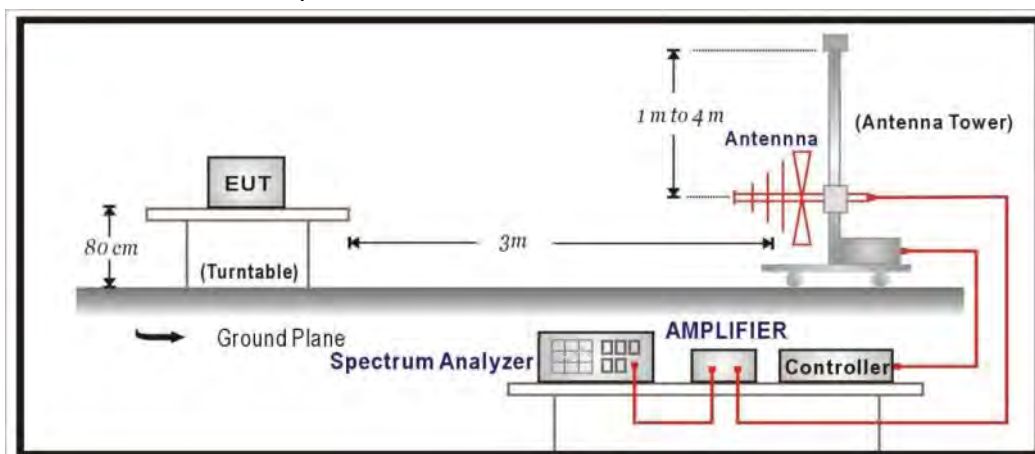
Radiated Emission / CB4-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum	Agilent	E4440A	MY46187335	2017/12/21
Bilog Antenna	Teseq	CBL6112D	23191	2017/07/04
Horn Antenna	Schwarzbeck	BBHA 9120 D	1640	2017/10/23
Pre-Amplifier	EMCI	EMC01820I	12143782	2018/03/08
Pre-Amplifier	EMCI	EMC01820I	980367	2018/02/09

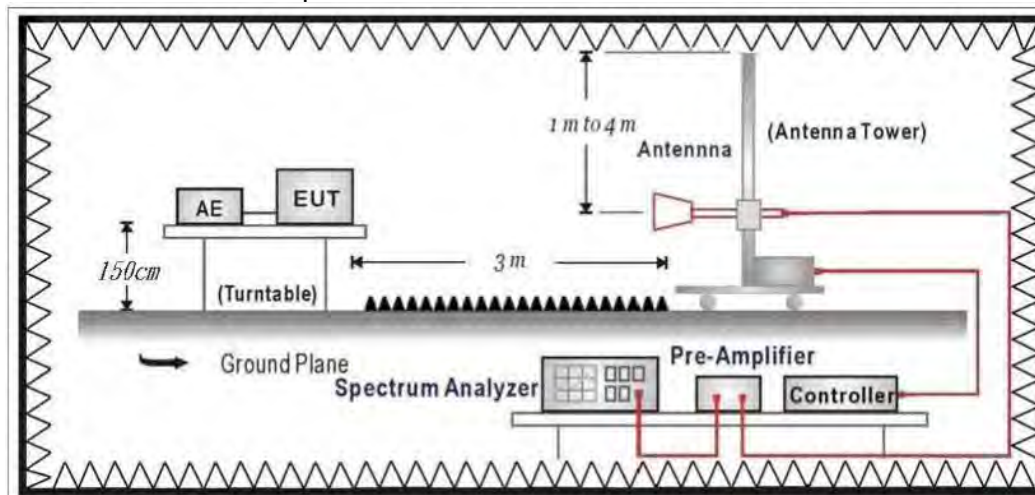
Note: All equipment that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 1.5 meter above ground (under 1GHz) or 1.5 meter above ground (above 1GHz). 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 C63.10:2013 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: 2015

4.6. Uncertainty

The measurement uncertainty

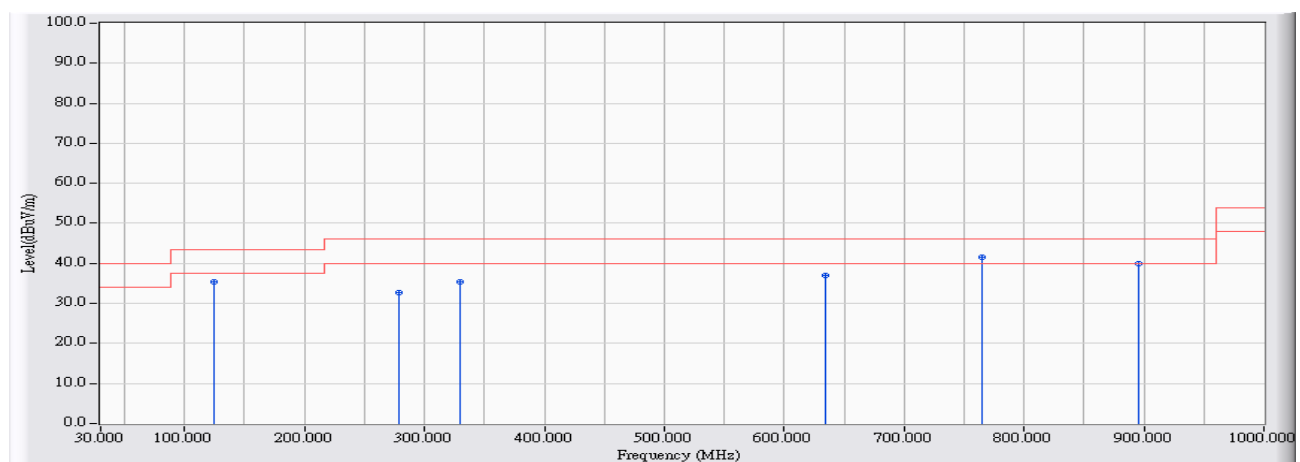
30MHz~1GHz as $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB2-H	Time : 2017/04/14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB2-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

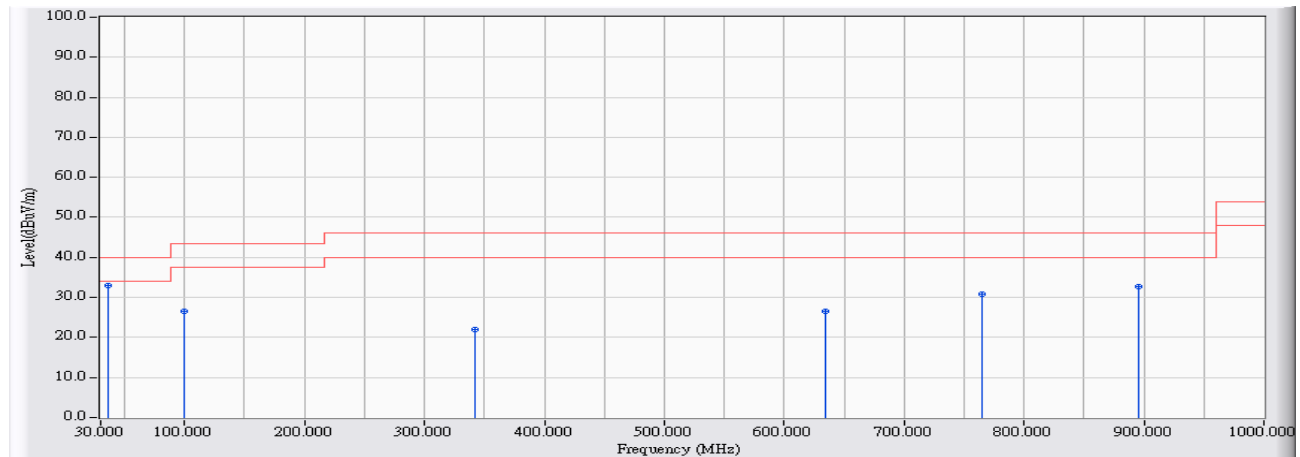


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.050	-21.222	56.730	35.509	-7.991	43.500	QUASIPeAK
2		279.265	-19.579	52.400	32.821	-13.179	46.000	QUASIPeAK
3		329.991	-18.532	53.887	35.355	-10.645	46.000	QUASIPeAK
4		634.929	-12.865	49.807	36.942	-9.058	46.000	QUASIPeAK
5	*	764.896	-11.306	52.959	41.653	-4.347	46.000	QUASIPeAK
6		894.960	-9.064	48.894	39.829	-6.171	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 : CB2-H	Time : 2017/04/14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB2-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/ 60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

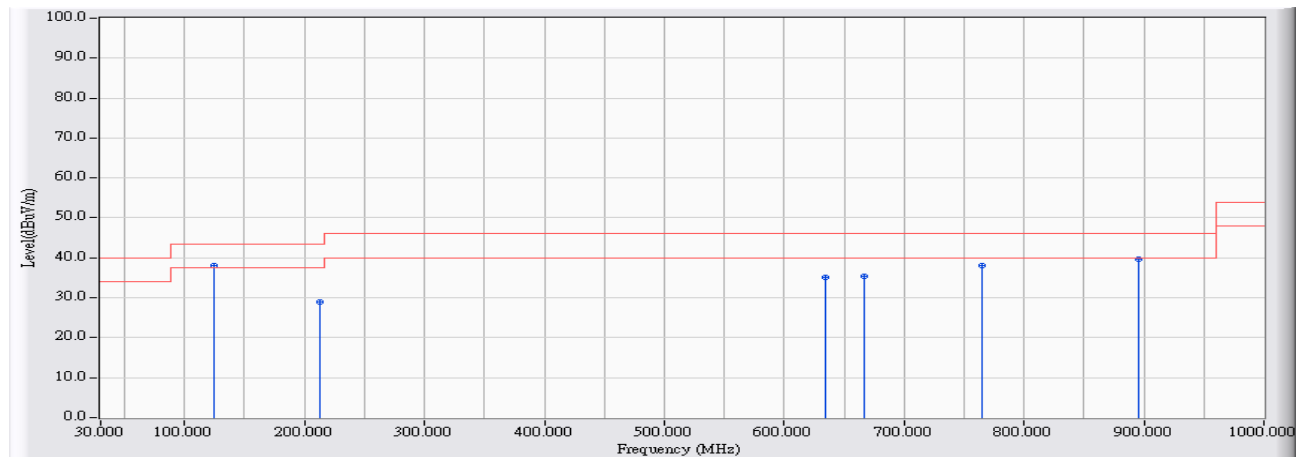


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	35.916	-16.487	49.379	32.892	-7.108	40.000	QUASIPeAK
2		99.542	-23.488	49.982	26.495	-17.005	43.500	QUASIPeAK
3		342.697	-17.783	39.884	22.100	-23.900	46.000	QUASIPeAK
4		634.929	-12.865	39.417	26.552	-19.448	46.000	QUASIPeAK
5		764.993	-11.301	42.206	30.905	-15.095	46.000	QUASIPeAK
6		894.960	-9.064	41.746	32.681	-13.319	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 : CB2-H	Time : 2017/04/14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB2-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 5: TX_ADP: ADP-33AW B 802.11n(40M)_2437MHz

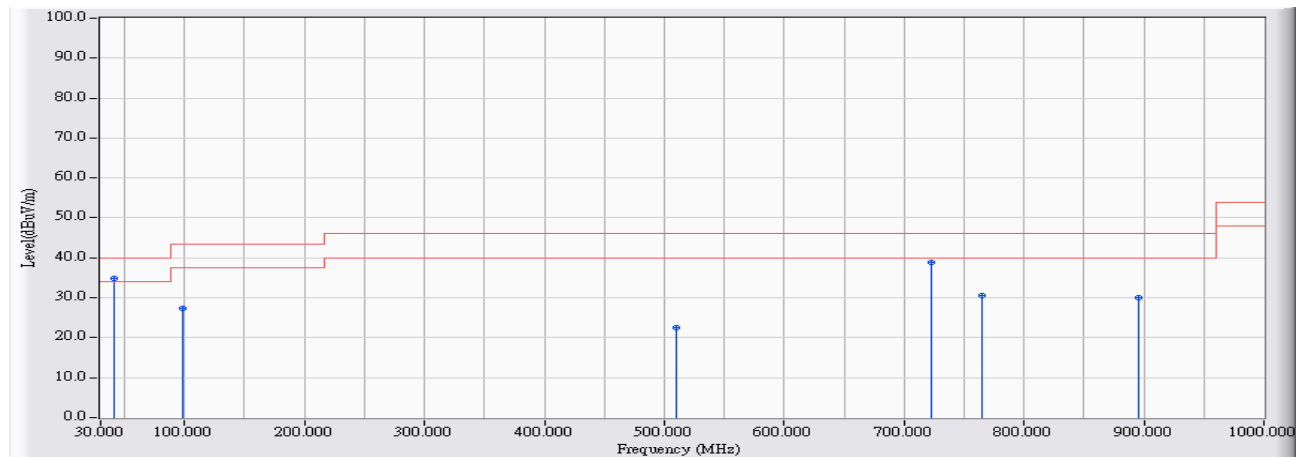


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	125.050	-21.222	59.298	38.077	-5.423	43.500	QUASIPeAK
2		213.312	-22.453	51.388	28.935	-14.565	43.500	QUASIPeAK
3		634.929	-12.865	48.067	35.202	-10.798	46.000	QUASIPeAK
4		666.838	-12.189	47.463	35.274	-10.726	46.000	QUASIPeAK
5		765.089	-11.296	49.301	38.005	-7.995	46.000	QUASIPeAK
6		894.960	-9.064	48.864	39.799	-6.201	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 : CB2-H	Time : 2017/04/14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB2-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 5: TX_ADP: ADP-33AW B 802.11n(40M)_2437MHz



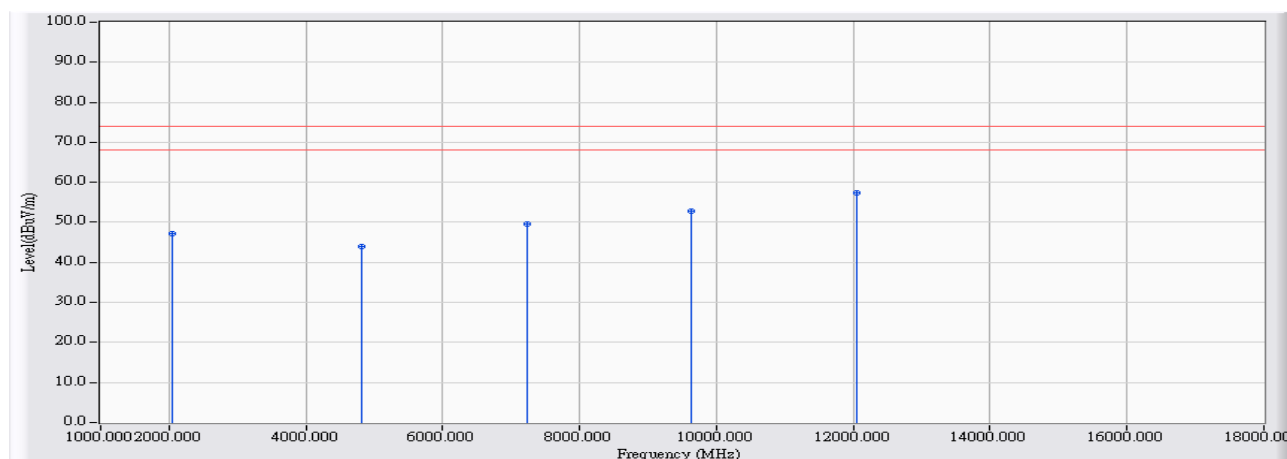
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	40.669	-16.955	51.748	34.793	-5.207	40.000	QUASIPeAK
2		97.893	-23.832	51.260	27.428	-16.072	43.500	QUASIPeAK
3		510.005	-13.982	36.620	22.638	-23.362	46.000	QUASIPeAK
4		722.123	-11.452	50.425	38.973	-7.027	46.000	QUASIPeAK
5		764.993	-11.301	41.887	30.586	-15.414	46.000	QUASIPeAK
6		894.960	-9.064	39.140	30.075	-15.925	46.000	QUASIPeAK

Note:

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

Above 1GHz Spurious

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2412MHz_Ant 0

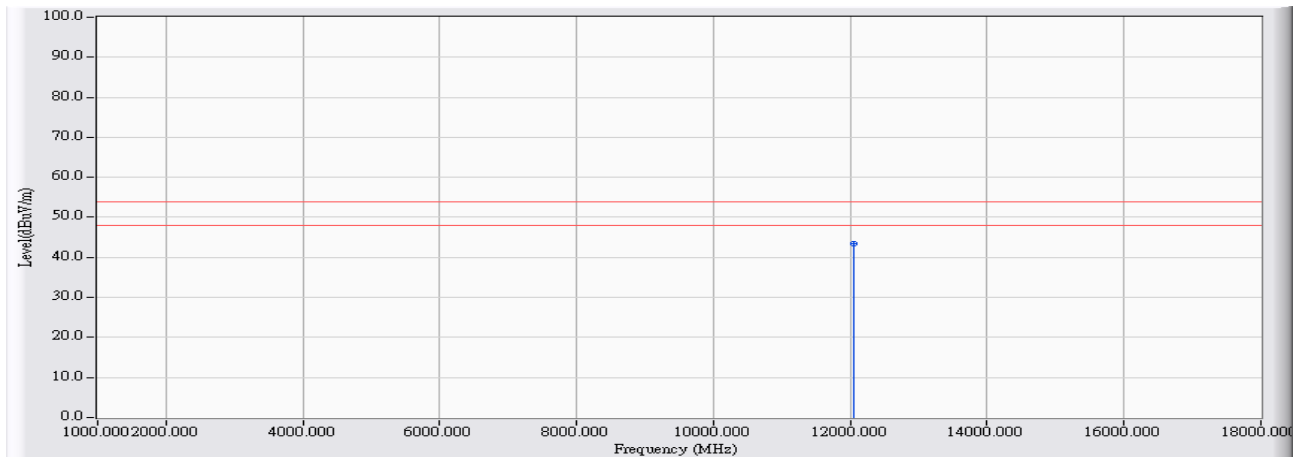


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2037.000	-1.980	49.130	47.150	-26.850	74.000	PEAK
2		4823.000	7.645	36.440	44.085	-29.915	74.000	PEAK
3		7236.000	16.316	33.170	49.486	-24.514	74.000	PEAK
4		9629.000	21.937	30.800	52.737	-21.263	74.000	PEAK
5	*	12047.000	26.424	30.860	57.284	-16.716	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2412MHz_Ant 0

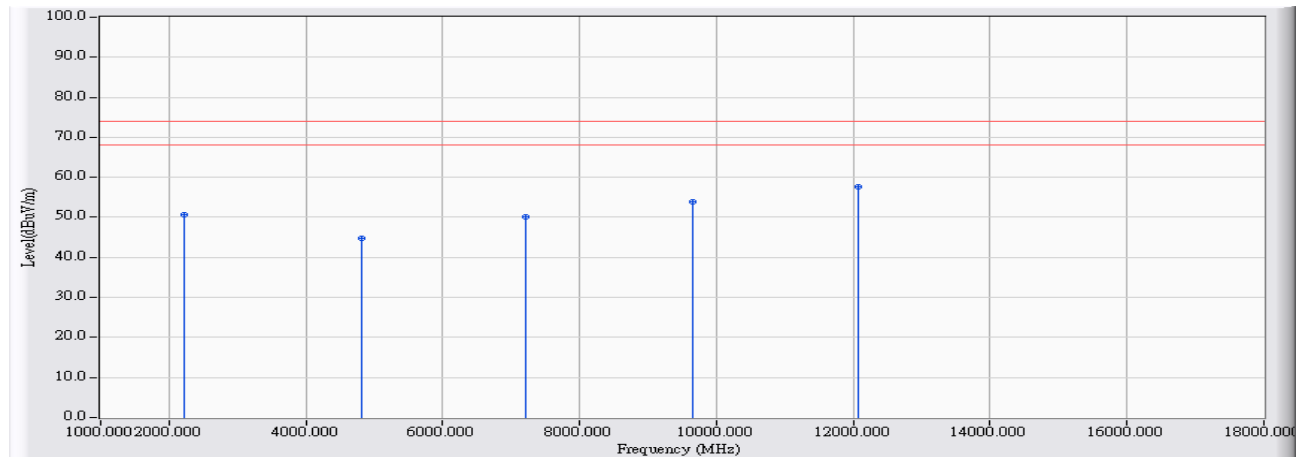


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12047.000	26.424	17.080	43.504	-10.496	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2412MHz_Ant 0

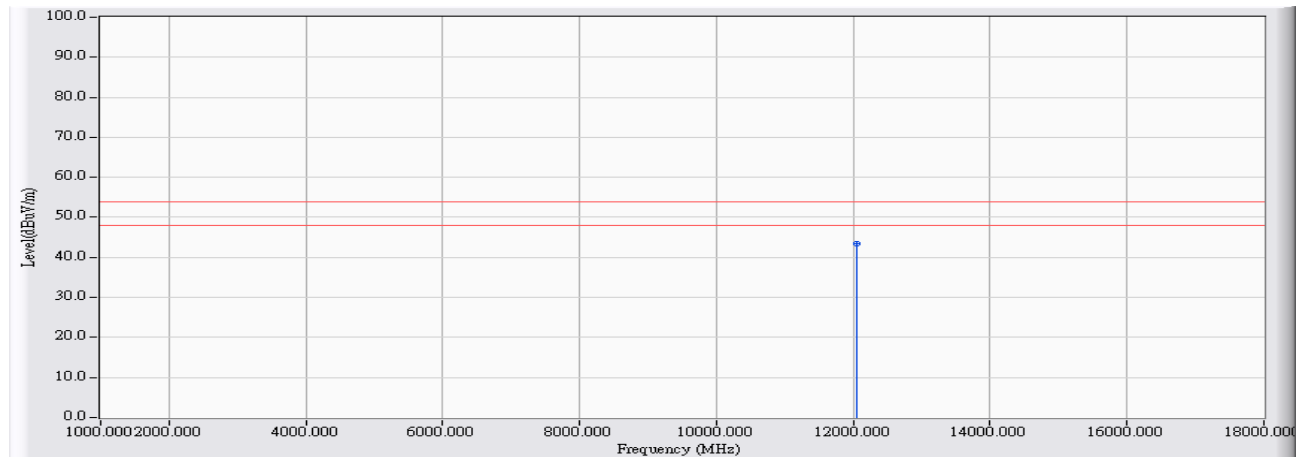


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2215.000	-1.261	51.830	50.569	-23.431	74.000	PEAK
2		4824.000	7.648	37.230	44.878	-29.122	74.000	PEAK
3		7216.000	16.213	33.840	50.053	-23.947	74.000	PEAK
4		9663.000	22.016	31.880	53.896	-20.104	74.000	PEAK
5	*	12065.000	26.409	31.210	57.619	-16.381	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2412MHz_Ant 0

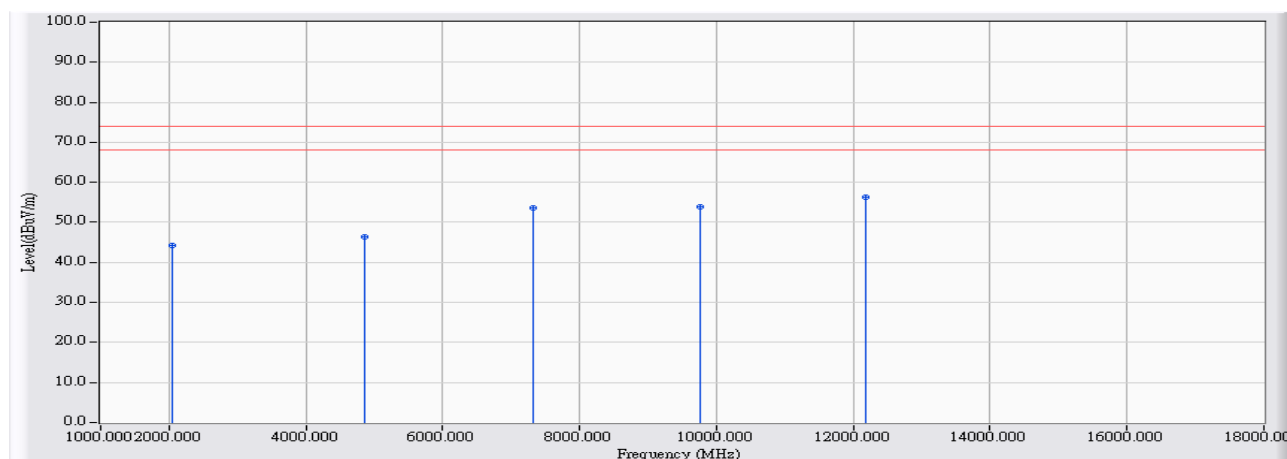


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12047.000	26.424	17.050	43.474	-10.526	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/04/26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2437MHz_Ant 0

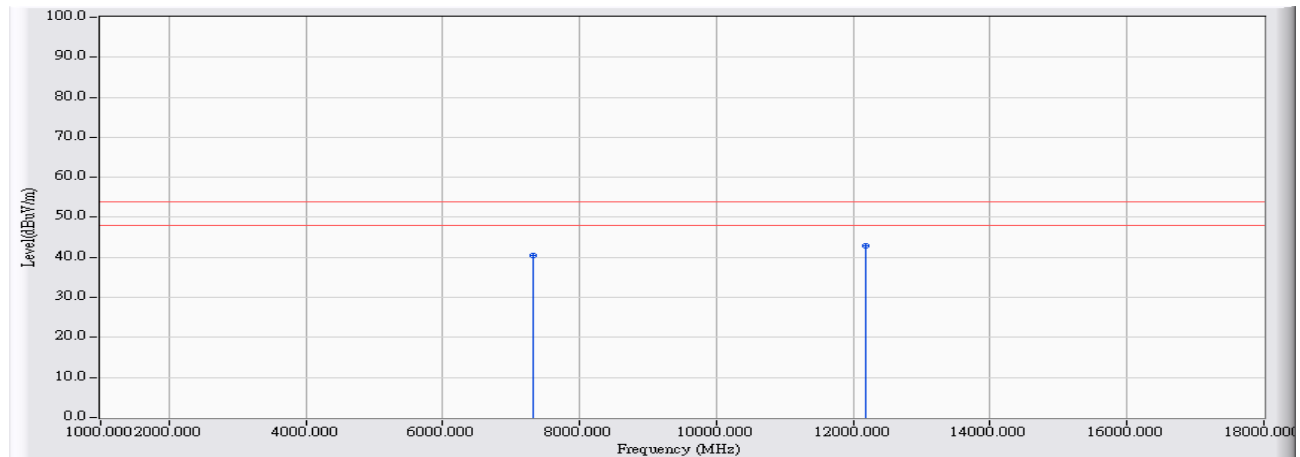


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2041.000	-3.003	47.150	44.147	-29.853	74.000	PEAK
2		4859.000	7.208	39.060	46.268	-27.732	74.000	PEAK
3		7311.000	13.013	40.550	53.562	-20.438	74.000	PEAK
4		9759.000	17.109	36.750	53.859	-20.141	74.000	PEAK
5	*	12185.000	19.688	36.530	56.218	22.218	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/04/26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2437MHz_Ant 0

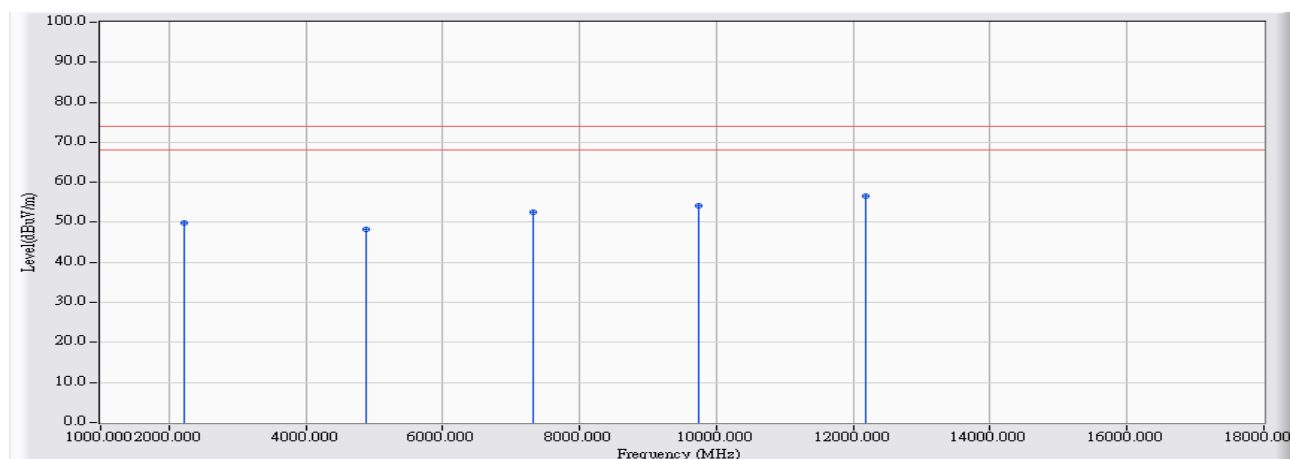


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7310.000	13.009	27.430	40.439	-13.561	54.000	AVERAGE
2	*	12186.000	19.686	23.100	42.786	-11.214	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/04/26
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2437MHz_Ant 0

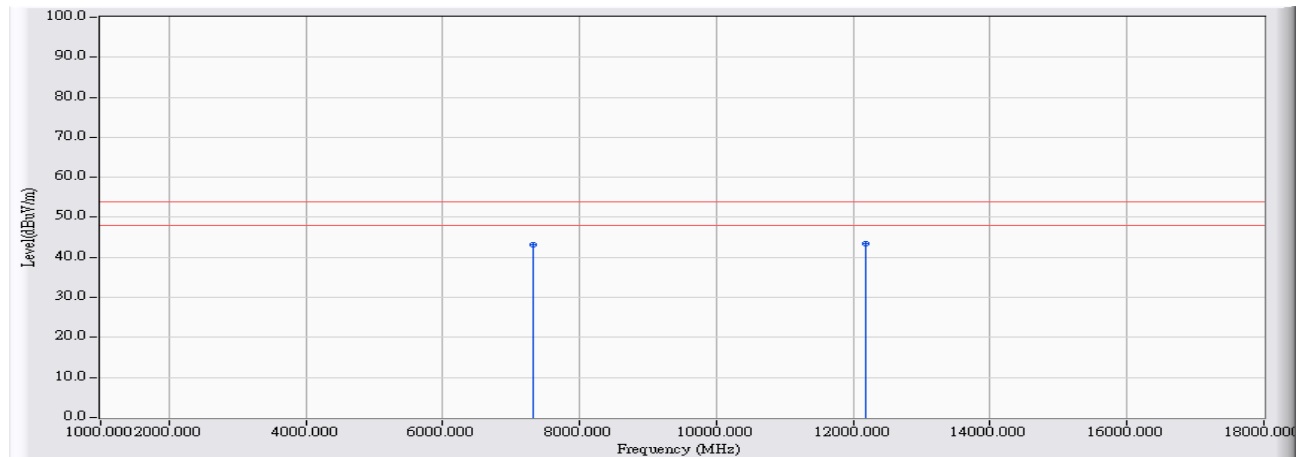


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2229.000	-2.066	51.800	49.734	-24.266	74.000	PEAK
2		4873.000	7.219	40.980	48.199	-25.801	74.000	PEAK
3		7312.000	13.016	39.620	52.635	-21.365	74.000	PEAK
4		9746.000	17.086	37.090	54.175	-19.825	74.000	PEAK
5	*	12182.000	19.693	36.780	56.473	-17.527	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/04/26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2437MHz_Ant 0

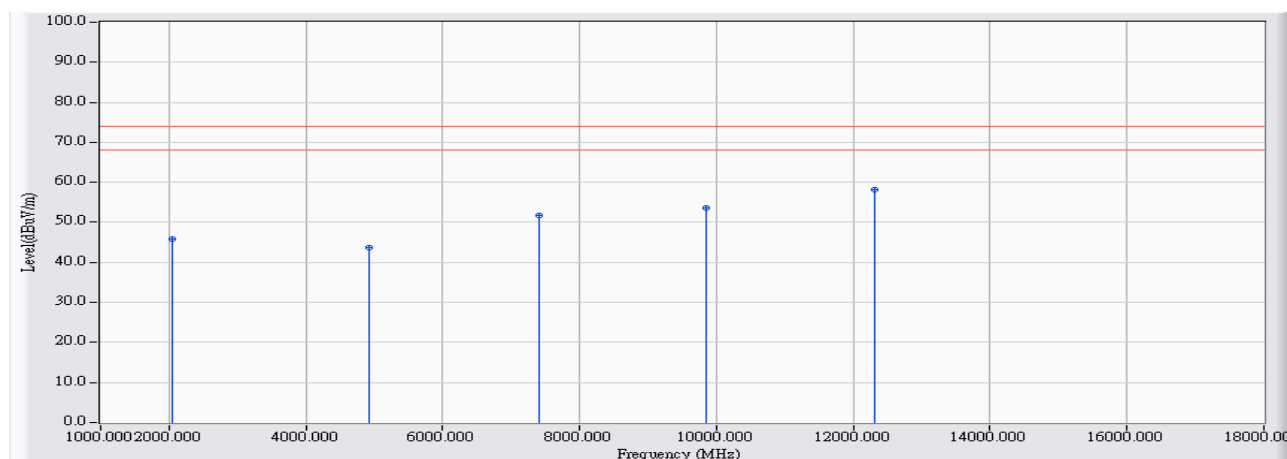


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7310.000	13.009	30.250	43.259	-10.741	54.000	AVERAGE
2	*	12183.000	19.692	23.860	43.552	-10.448	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD89032 6802.11b_2462MHz_Ant 0

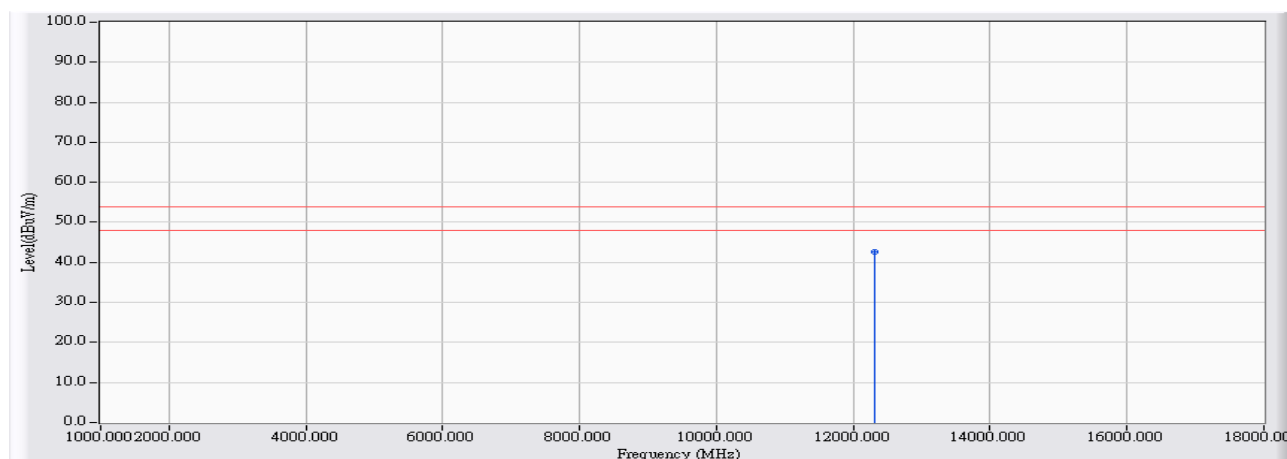


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2037.000	-1.980	47.760	45.780	-28.220	74.000	PEAK
2		4923.000	7.992	35.610	43.602	-30.398	74.000	PEAK
3		7398.000	17.081	34.690	51.771	-22.229	74.000	PEAK
4		9840.000	22.376	31.360	53.736	-20.264	74.000	PEAK
5	*	12309.000	26.217	31.880	58.097	-15.903	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2462MHz_Ant 0

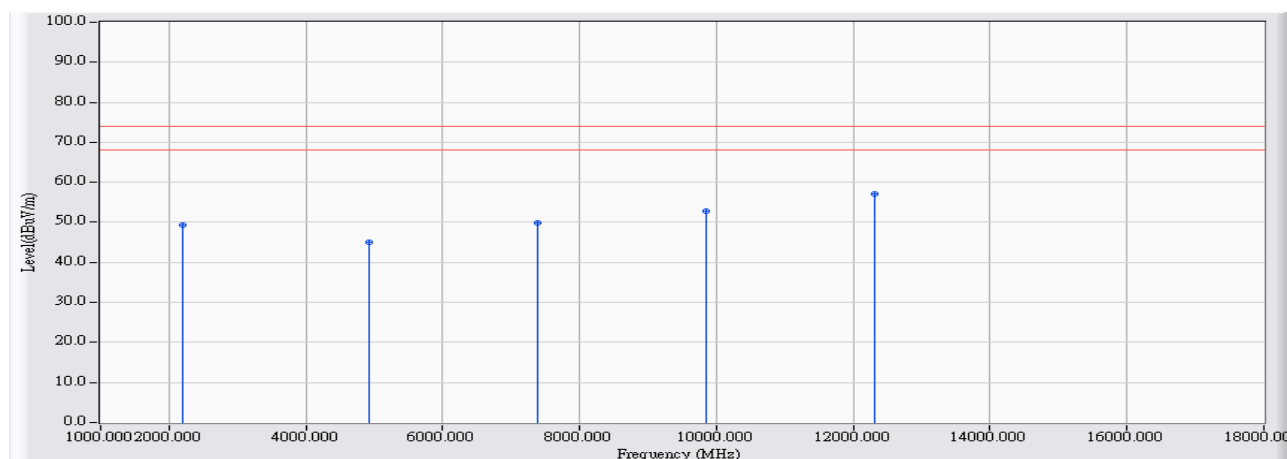


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12310.000	26.217	16.370	42.586	-11.414	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2462MHz_Ant 0

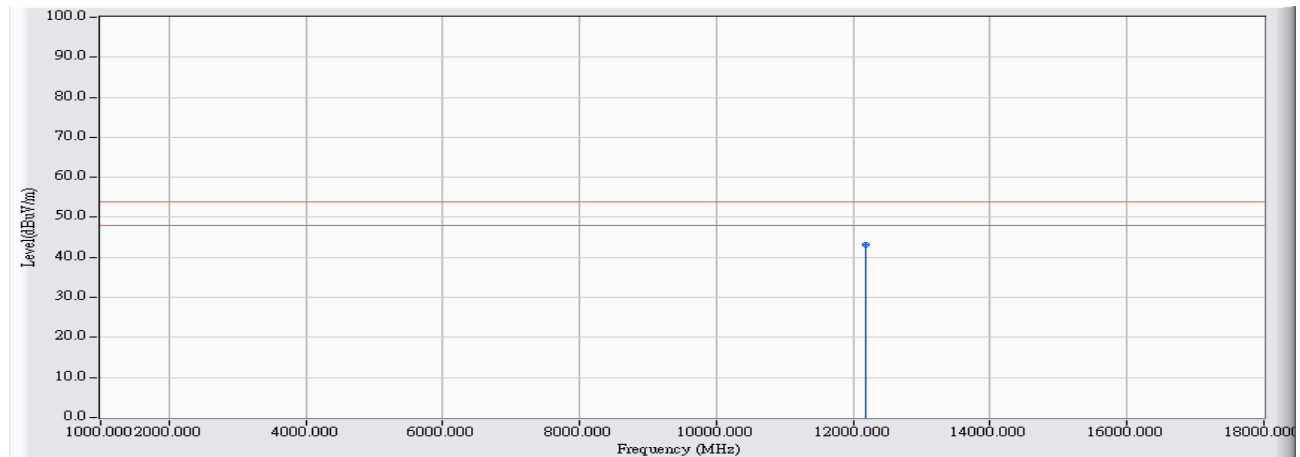


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2190.000	-1.361	50.690	49.329	-24.671	74.000	PEAK
2		4923.000	7.992	37.080	45.072	-28.928	74.000	PEAK
3		7390.000	17.044	32.770	49.813	-24.187	74.000	PEAK
4		9838.000	22.371	30.310	52.682	-21.318	74.000	PEAK
5	*	12306.000	26.219	30.820	57.039	-16.961	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 1: TX SISO_ADP: AD890326 802.11b_2462MHz_Ant 0

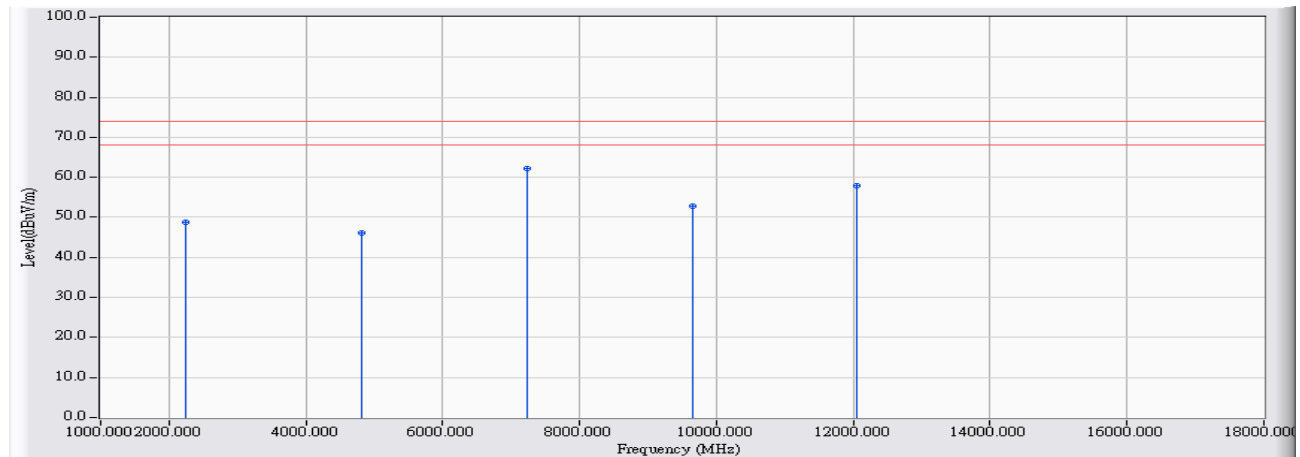


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12307.000	26.313	16.840	43.153	-10.847	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2412MHz

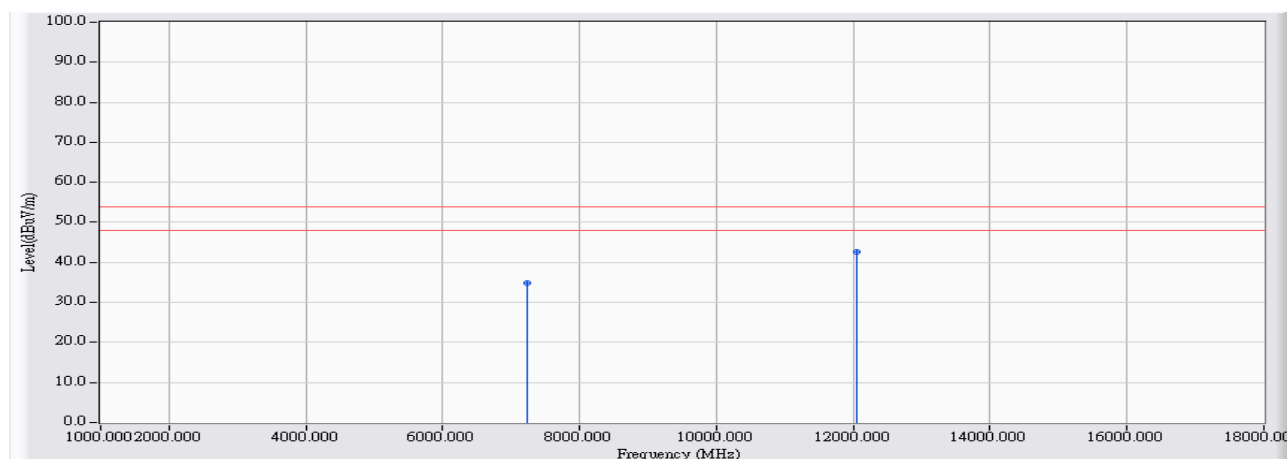


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2232.000	-1.195	50.040	48.845	-25.155	74.000	PEAK
2	4824.000	7.648	38.460	46.108	-27.892	74.000	PEAK
3	* 7238.000	16.326	45.970	62.297	-11.703	74.000	PEAK
4	9648.000	21.980	30.920	52.901	-21.099	74.000	PEAK
5	12050.000	26.421	31.550	57.971	-16.029	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2412MHz

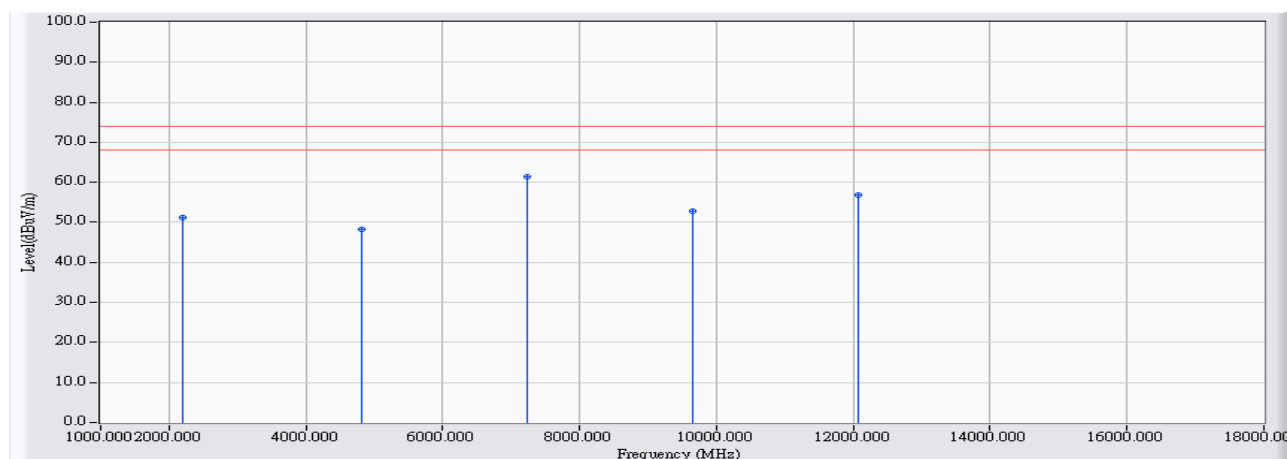


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7236.000	16.316	18.470	34.786	-19.214	54.000	AVERAGE
2	*	12060.000	26.414	16.090	42.503	-11.497	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2412MHz

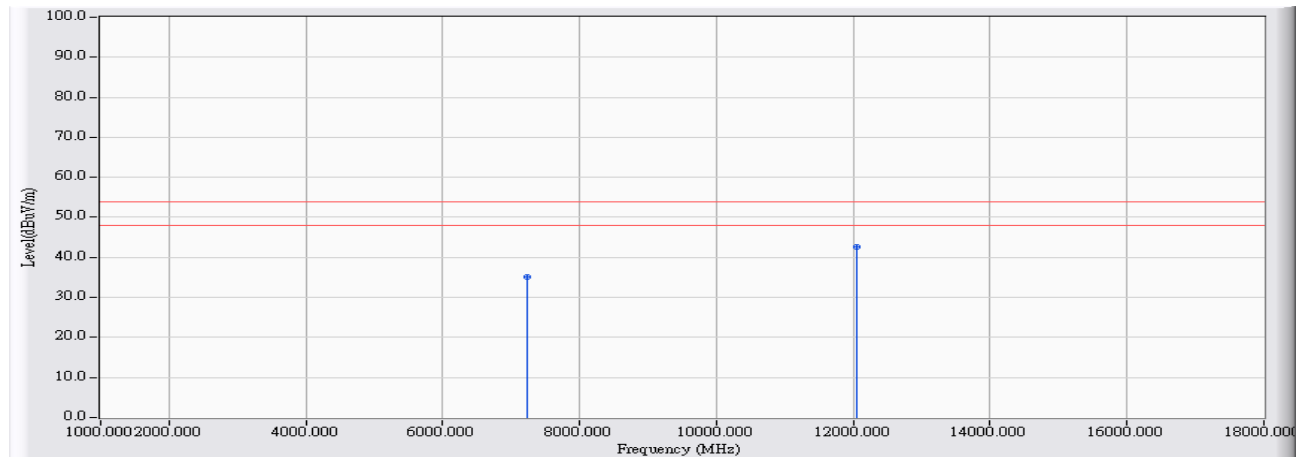


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2207.000	-1.292	52.460	51.167	-22.833	74.000	PEAK
2	4823.000	7.645	40.660	48.305	-25.695	74.000	PEAK
3	* 7238.000	16.326	45.080	61.407	-12.593	74.000	PEAK
4	9654.000	21.995	30.840	52.835	-21.165	74.000	PEAK
5	12061.000	26.412	30.420	56.833	-17.167	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2412MHz

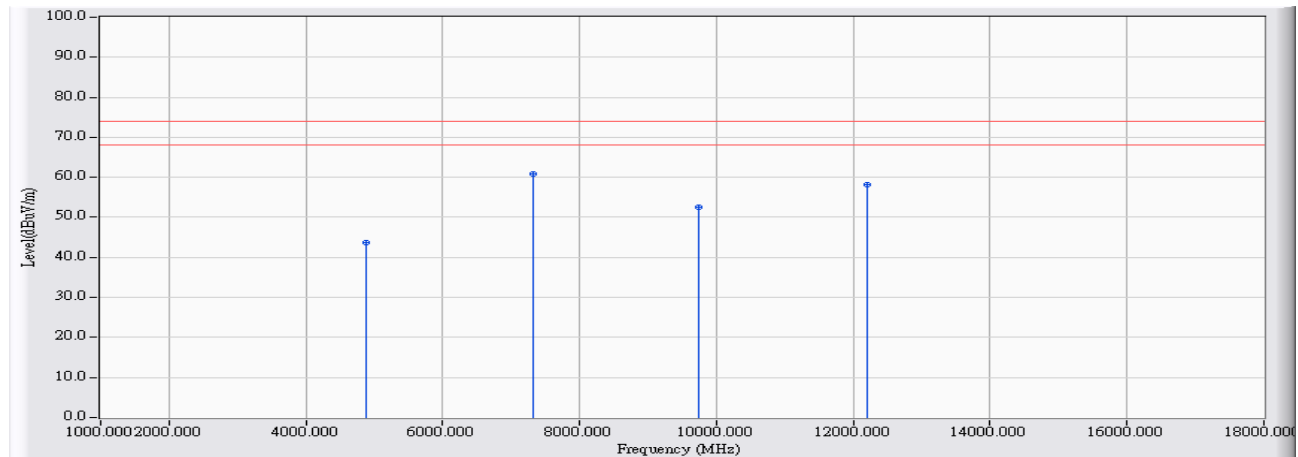


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7238.000	16.326	18.800	35.127	-18.873	54.000	AVERAGE
2	*	12054.000	26.419	16.340	42.758	-11.242	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2437MHz

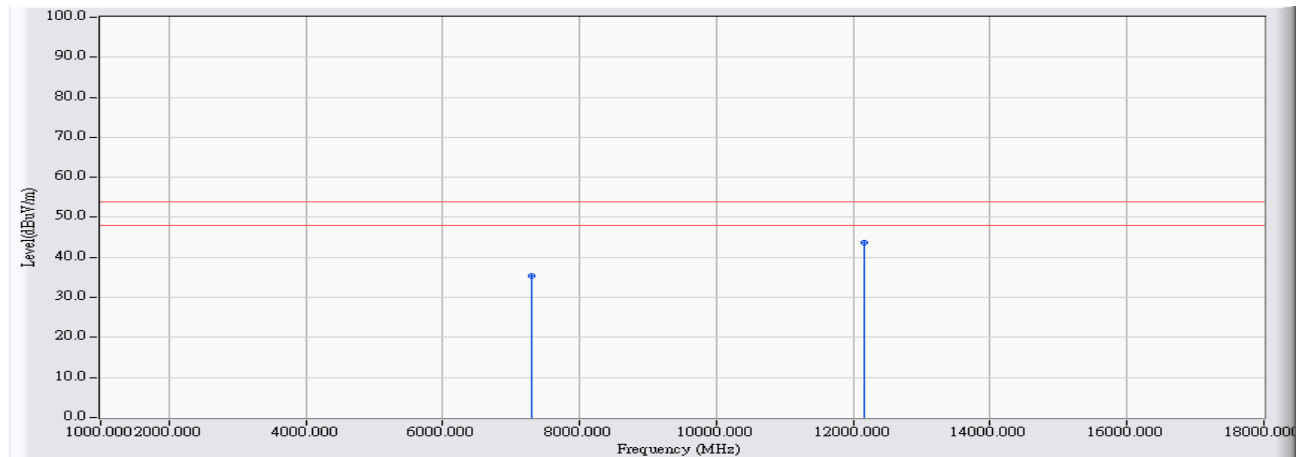


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.000	7.818	35.880	43.698	-30.302	74.000	PEAK
2	*	7312.000	16.678	44.310	60.988	-13.012	74.000	PEAK
3		9741.000	22.198	30.320	52.518	-21.482	74.000	PEAK
4		12197.000	26.304	31.780	58.084	-15.916	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2437MHz

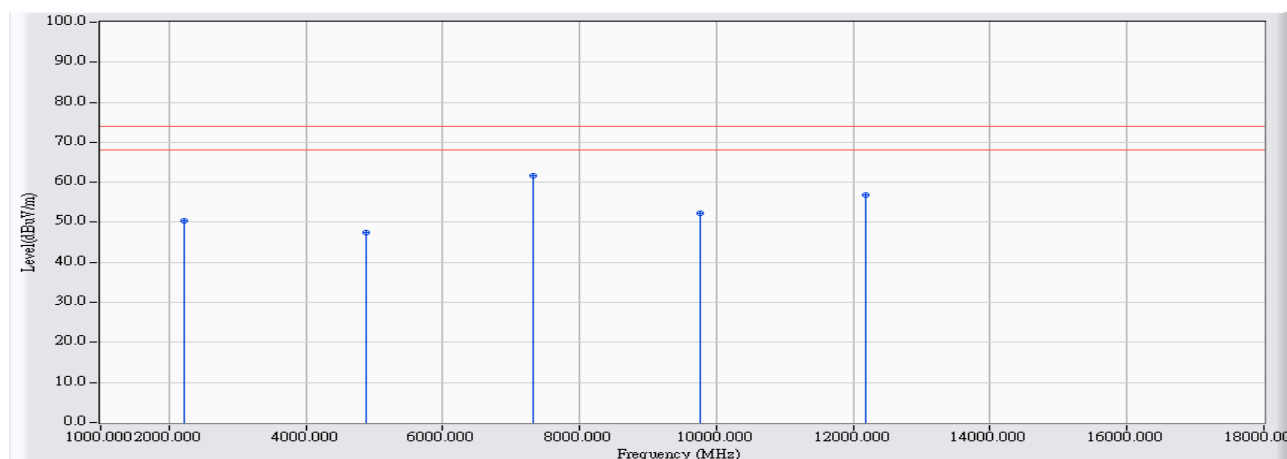


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7299.000	16.617	18.850	35.467	-38.533	74.000	AVERAGE
2	*	12166.000	26.329	17.350	43.679	-10.321	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2437MHz

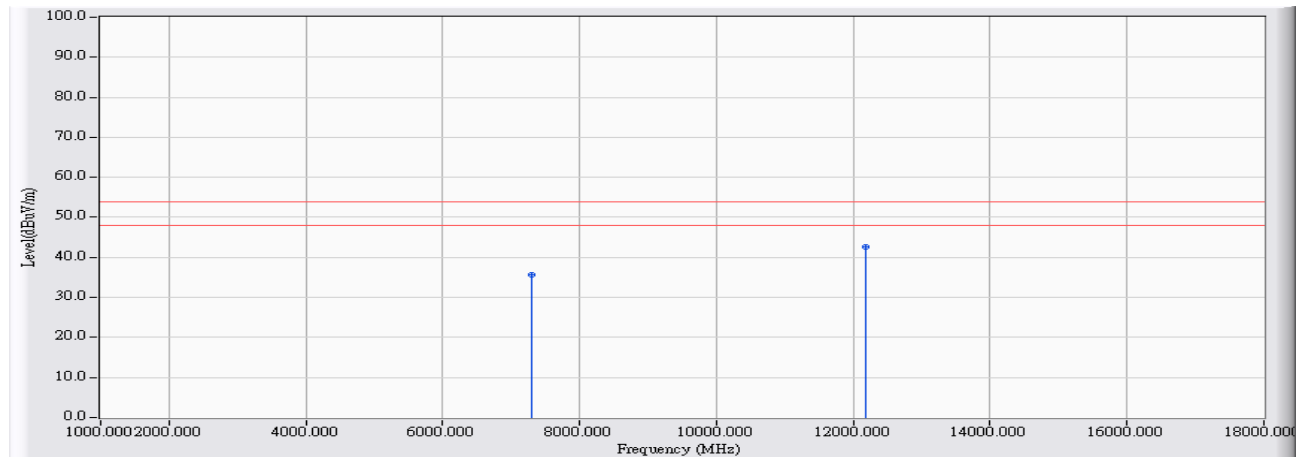


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2215.000	-1.261	51.680	50.419	-23.581	74.000	PEAK
2	4880.000	7.843	39.620	47.463	-26.537	74.000	PEAK
3	* 7313.000	16.683	44.860	61.543	-12.457	74.000	PEAK
4	9759.000	22.237	29.950	52.187	-21.813	74.000	PEAK
5	12182.000	26.315	30.490	56.806	-17.194	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2437MHz

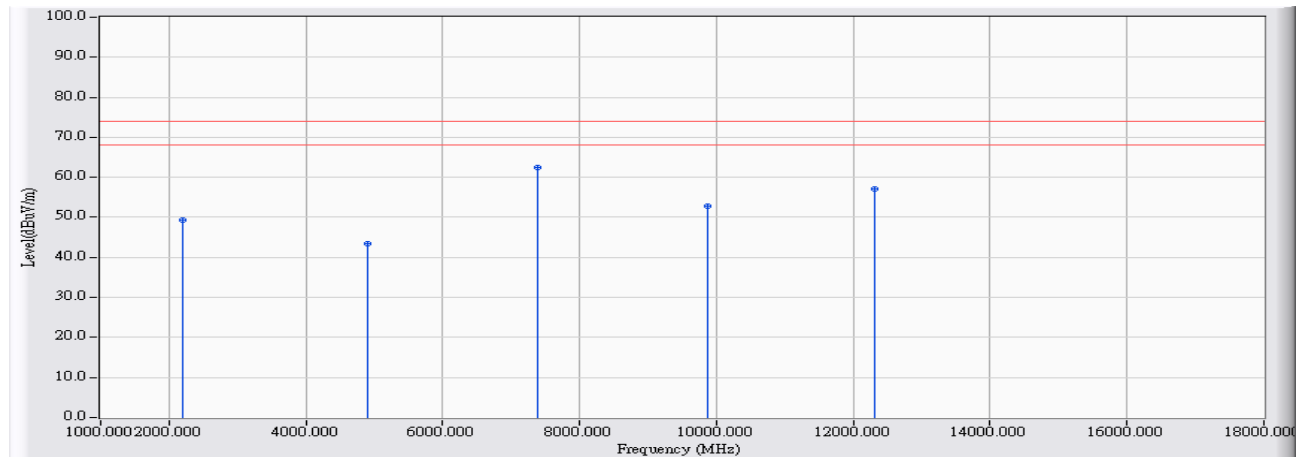


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7307.000	16.654	18.890	35.544	-18.456	54.000	AVERAGE
2	*	12173.000	26.323	16.270	42.593	-11.407	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2462MHz

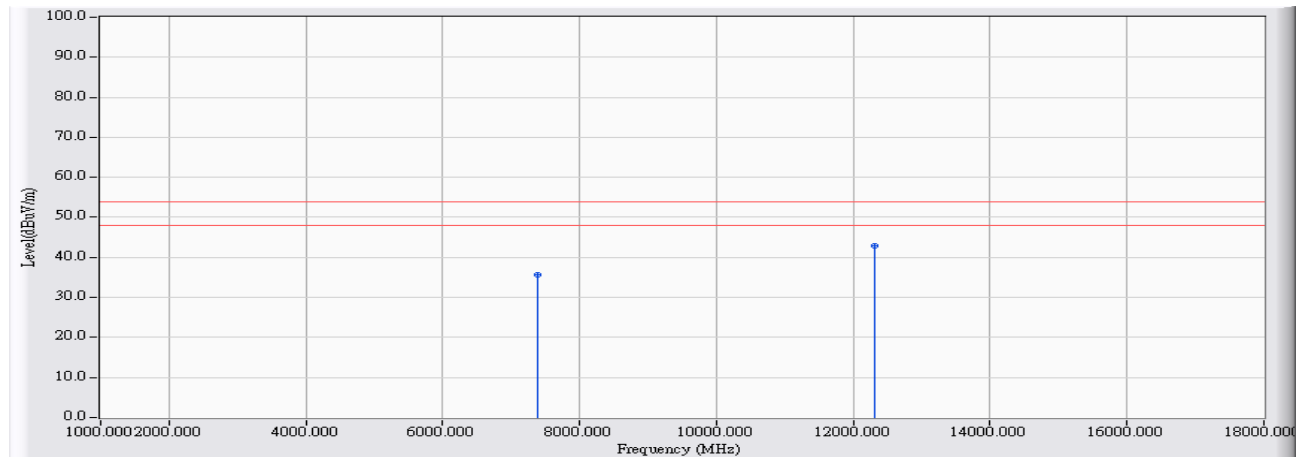


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2198.000	-1.330	50.660	49.331	-24.669	74.000	PEAK
2	4910.000	7.947	35.420	43.367	-30.633	74.000	PEAK
3	* 7388.000	17.034	45.430	62.464	-11.536	74.000	PEAK
4	9861.000	22.411	30.410	52.822	-21.178	74.000	PEAK
5	12313.000	26.214	30.800	57.014	-16.986	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2462MHz

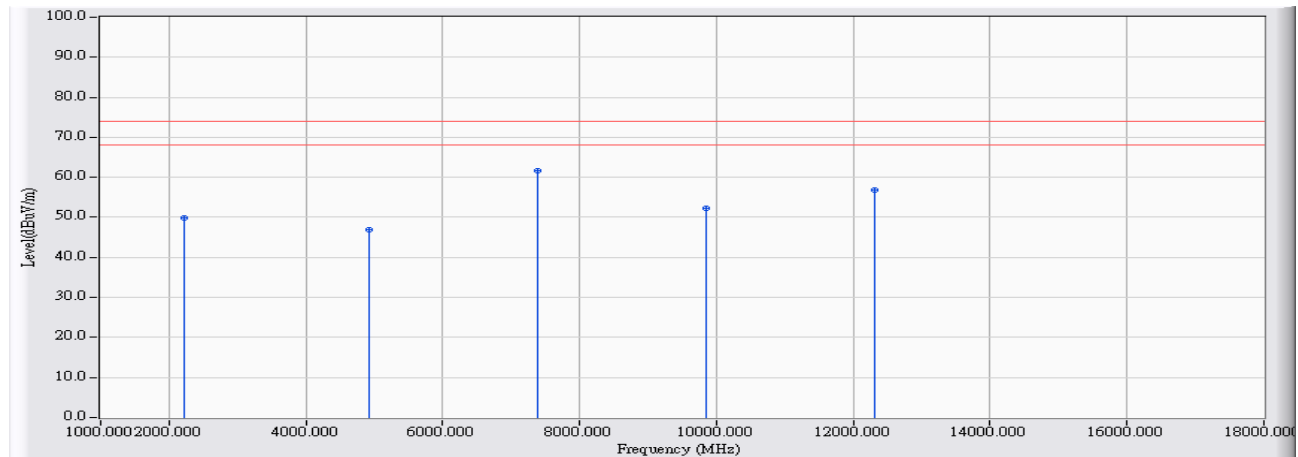


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7385.000	17.020	18.580	35.600	-18.400	54.000	AVERAGE
2	*	12319.000	26.210	16.580	42.790	-11.210	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2462MHz

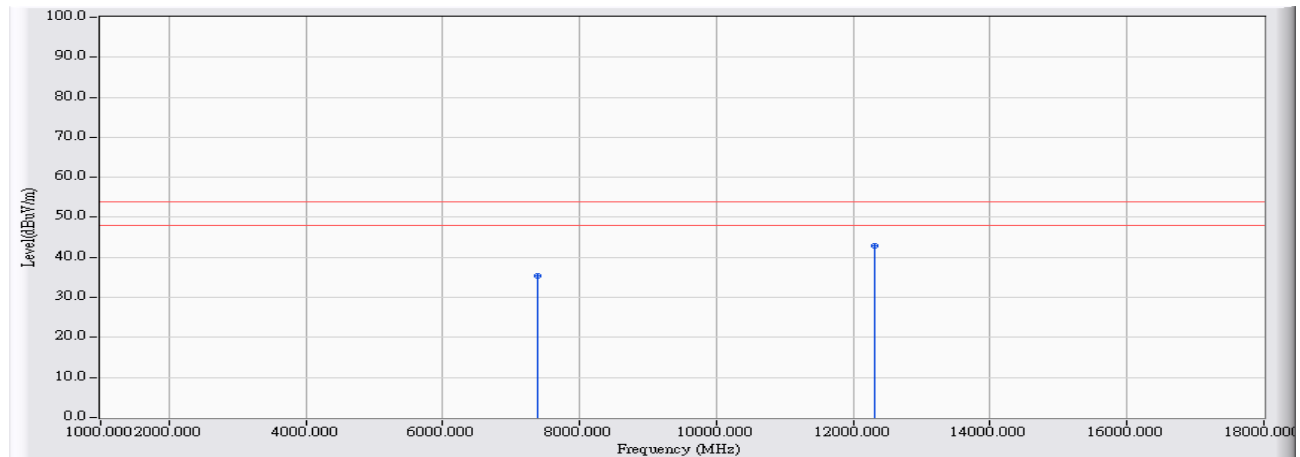


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2215.000	-1.261	51.060	49.799	-24.201	74.000	PEAK
2	4931.000	8.019	38.840	46.860	-27.140	74.000	PEAK
3	* 7389.000	17.039	44.680	61.719	-12.281	74.000	PEAK
4	9845.000	22.385	29.950	52.334	-21.666	74.000	PEAK
5	12311.000	26.215	30.610	56.826	-17.174	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 2: TX CDD_ ADP: AD890326 802.11g_2462MHz

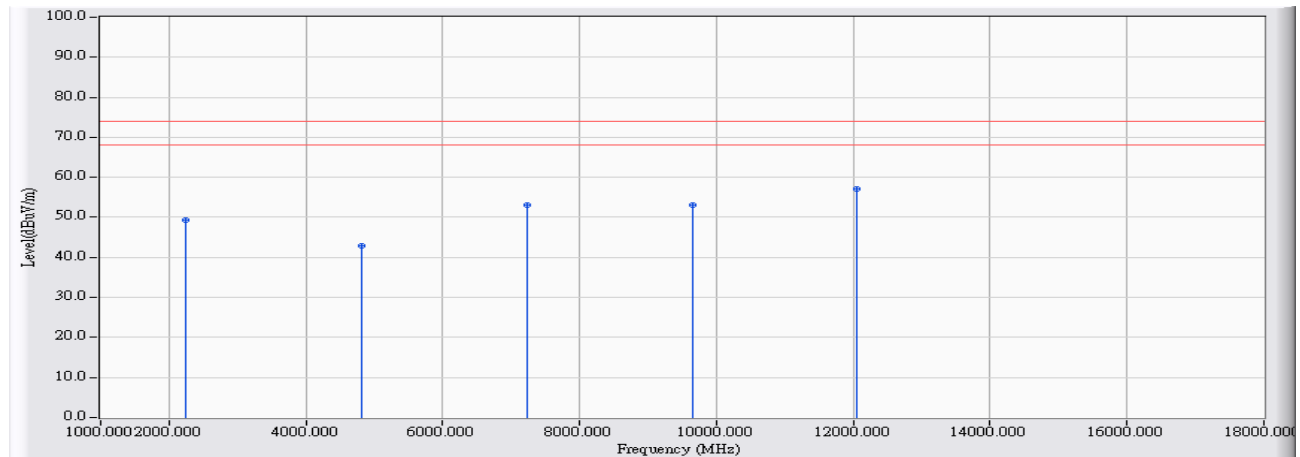


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7382.000	17.006	18.420	35.426	-18.574	54.000	AVERAGE
2	*	12310.000	26.217	16.570	42.786	-11.214	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2412MHz

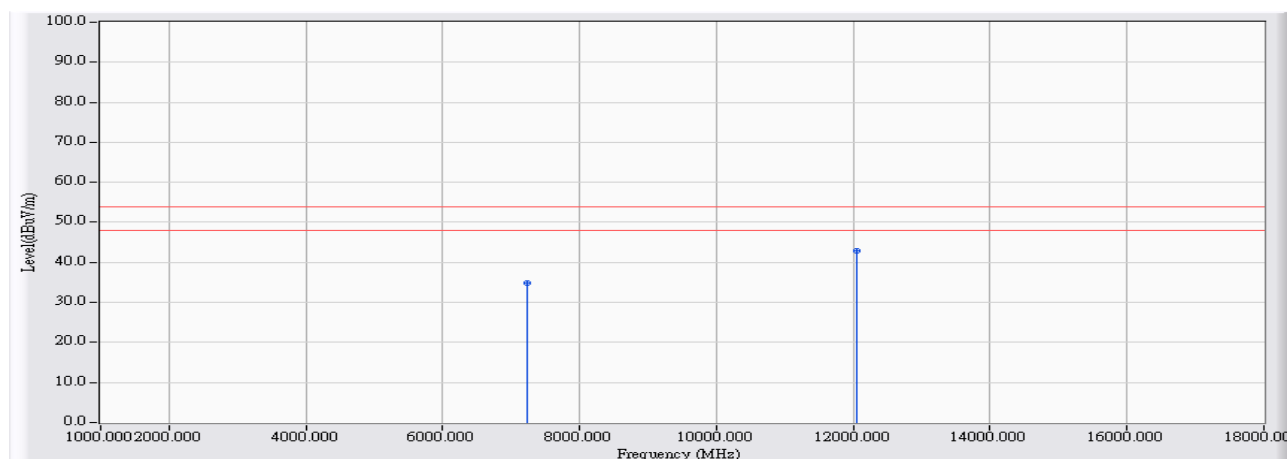


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2232.000	-1.195	50.590	49.395	-24.605	74.000	PEAK
2		4822.000	7.641	35.320	42.961	-31.039	74.000	PEAK
3		7236.000	16.316	36.850	53.166	-20.834	74.000	PEAK
4		9647.000	21.979	31.020	52.999	-21.001	74.000	PEAK
5	*	12055.000	26.417	30.750	57.167	-16.833	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2412MHz

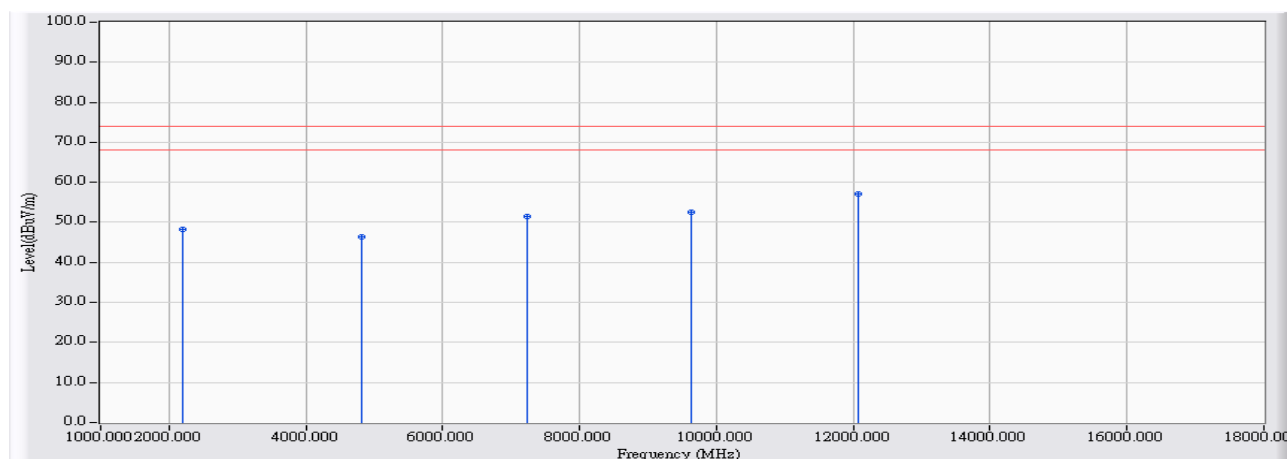


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7231.000	16.290	18.490	34.780	-19.220	54.000	AVERAGE
2	*	12042.000	26.427	16.440	42.868	-11.132	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2412MHz

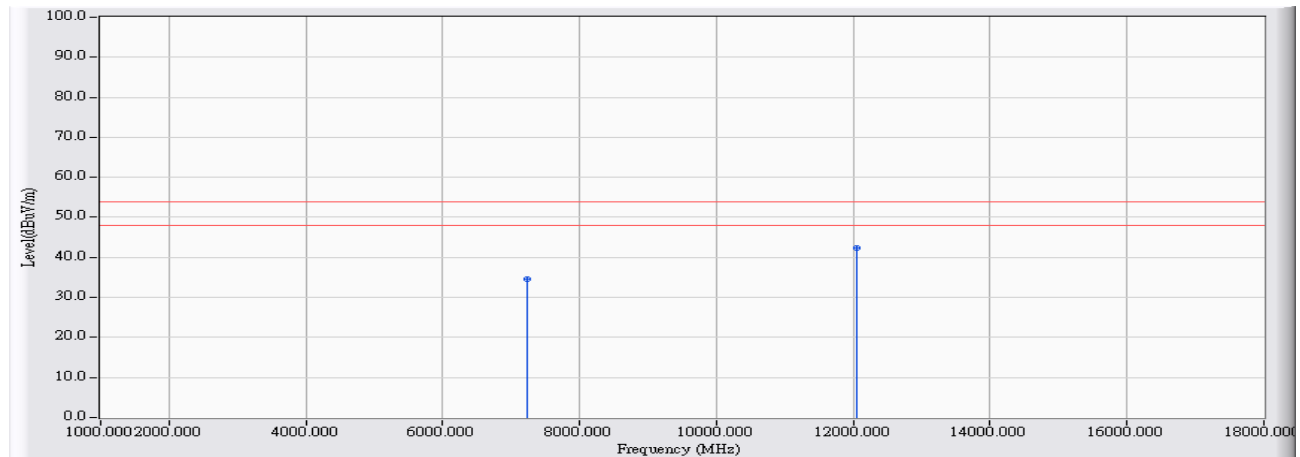


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2198.000	-1.330	49.690	48.361	-25.639	74.000	PEAK
2		4820.000	7.634	38.660	46.294	-27.706	74.000	PEAK
3		7233.000	16.300	35.140	51.441	-22.559	74.000	PEAK
4		9628.000	21.934	30.580	52.514	-21.486	74.000	PEAK
5	*	12079.000	26.399	30.720	57.118	-16.882	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2412MHz

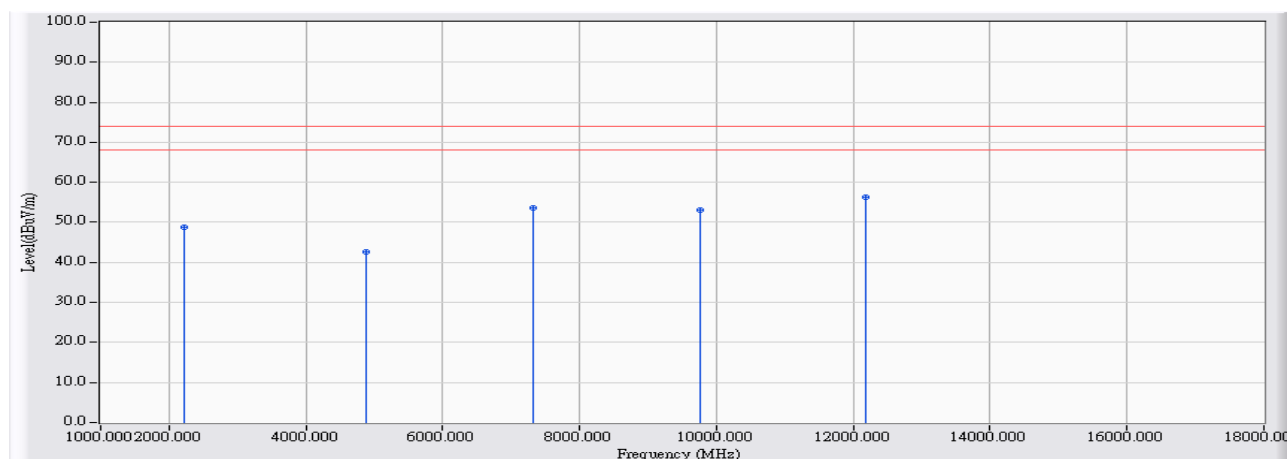


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7236.000	16.316	18.270	34.586	-19.414	54.000	AVERAGE
2	*	12060.000	26.414	16.050	42.463	-11.537	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2437MHz

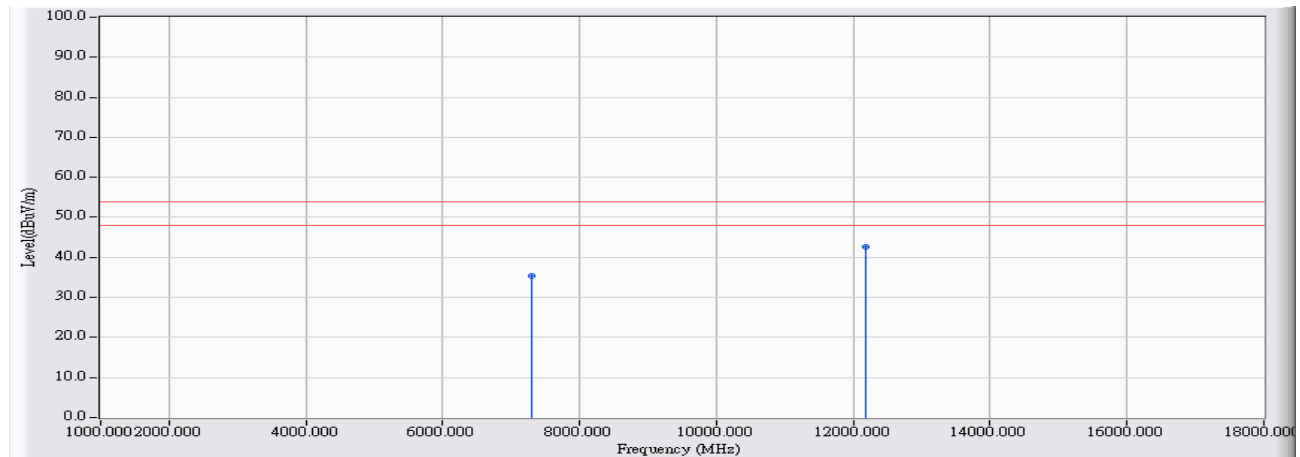


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2215.000	-1.261	50.150	48.889	-25.111	74.000	PEAK
2		4877.000	7.832	34.770	42.602	-31.398	74.000	PEAK
3		7310.000	16.668	36.900	53.568	-20.432	74.000	PEAK
4		9751.000	22.221	30.730	52.951	-21.049	74.000	PEAK
5	*	12170.000	26.326	29.980	56.305	-17.695	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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. 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 : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2437MHz

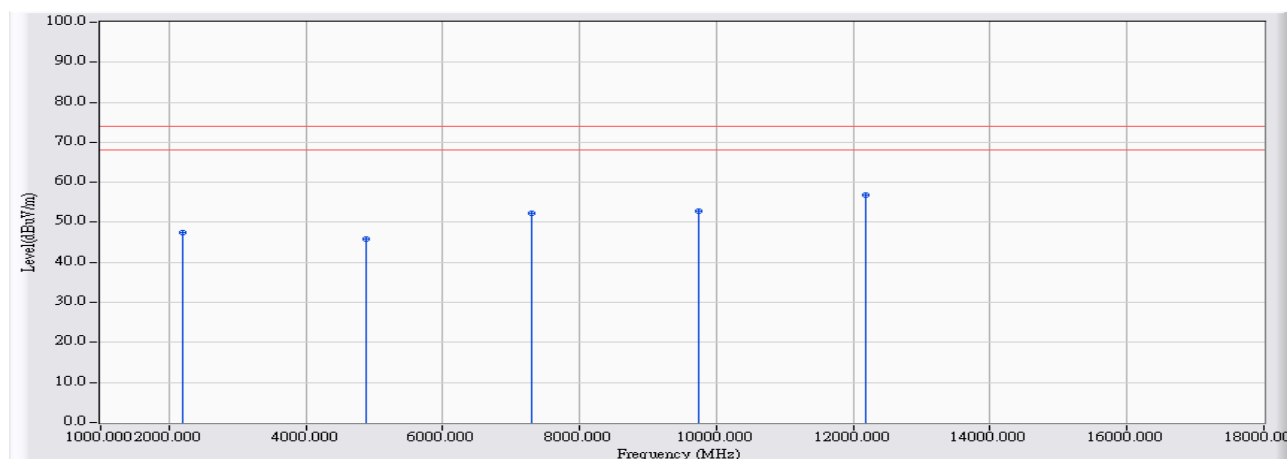


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7300.000	16.622	18.690	35.312	-18.688	54.000	AVERAGE
2	*	12190.000	26.309	16.250	42.559	-11.441	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2437MHz

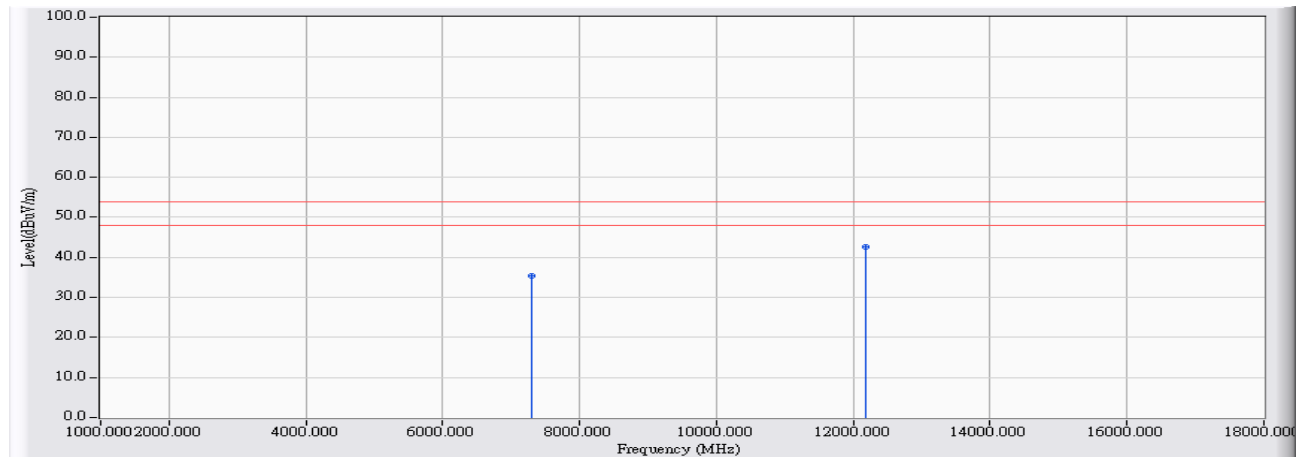


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2207.000	-1.292	48.750	47.457	-26.543	74.000	PEAK
2		4870.000	7.808	37.950	45.758	-28.242	74.000	PEAK
3		7307.000	16.654	35.670	52.324	-21.676	74.000	PEAK
4		9742.000	22.201	30.620	52.820	-21.180	74.000	PEAK
5	*	12181.000	26.316	30.630	56.946	-17.054	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2437MHz

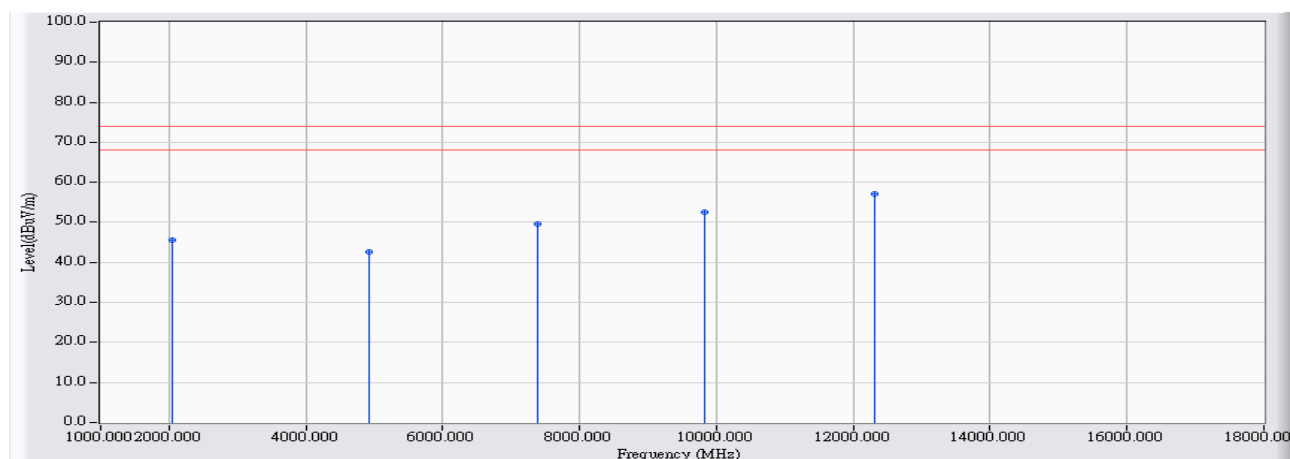


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7300.000	16.622	18.820	35.442	-18.558	54.000	AVERAGE
2	*	12182.000	26.315	16.300	42.616	-11.384	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2462MHz

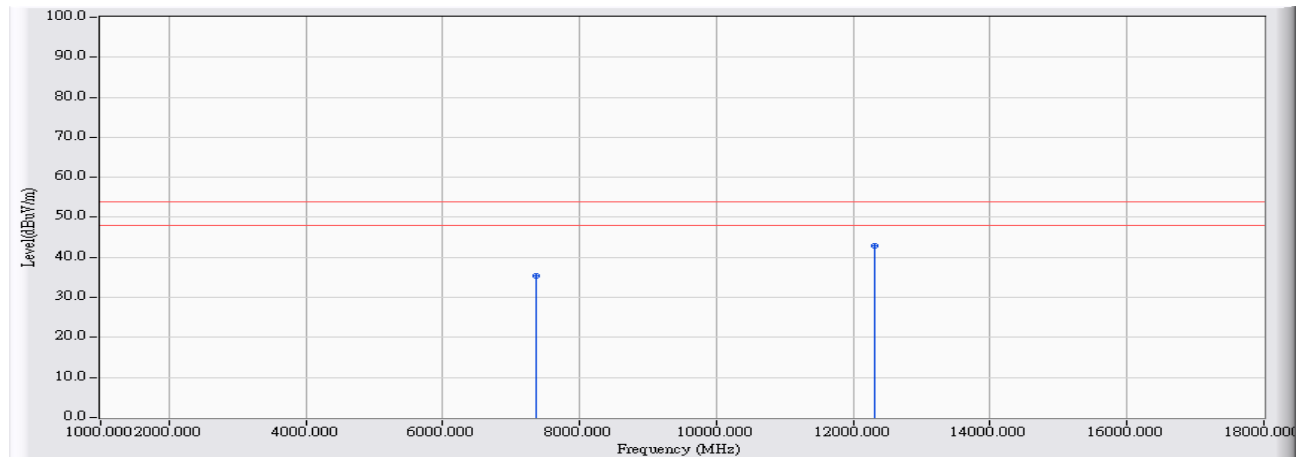


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2043.000	-1.956	47.400	45.445	-28.555	74.000	PEAK
2		4923.000	7.992	34.690	42.682	-31.318	74.000	PEAK
3		7388.000	17.034	32.560	49.594	-24.406	74.000	PEAK
4		9836.000	22.369	30.220	52.589	-21.411	74.000	PEAK
5	*	12302.000	26.222	30.940	57.162	-16.838	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2462MHz

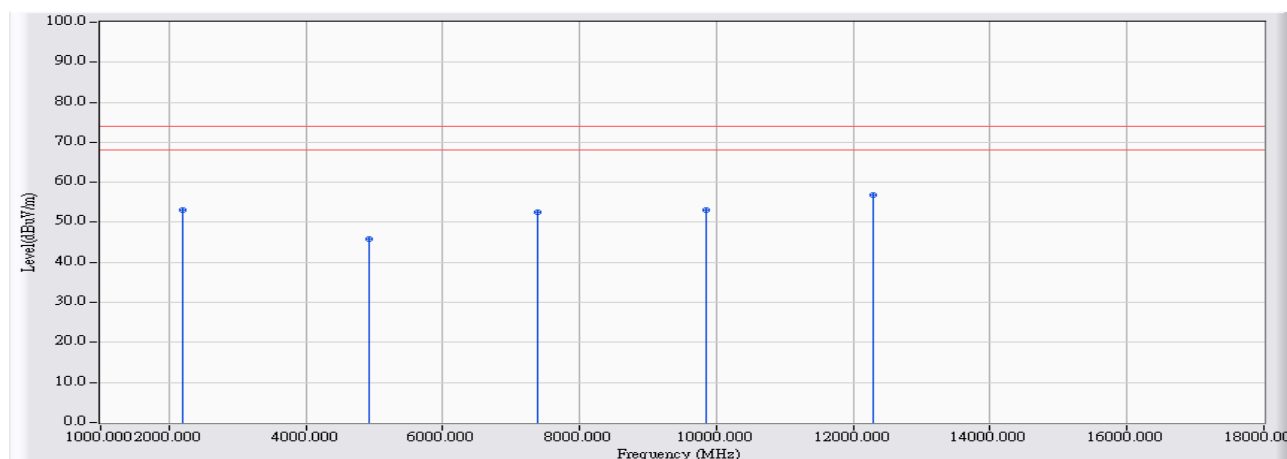


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7369.000	16.945	18.490	35.435	-18.565	54.000	AVERAGE
2	*	12309.000	26.217	16.670	42.887	-11.113	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2462MHz

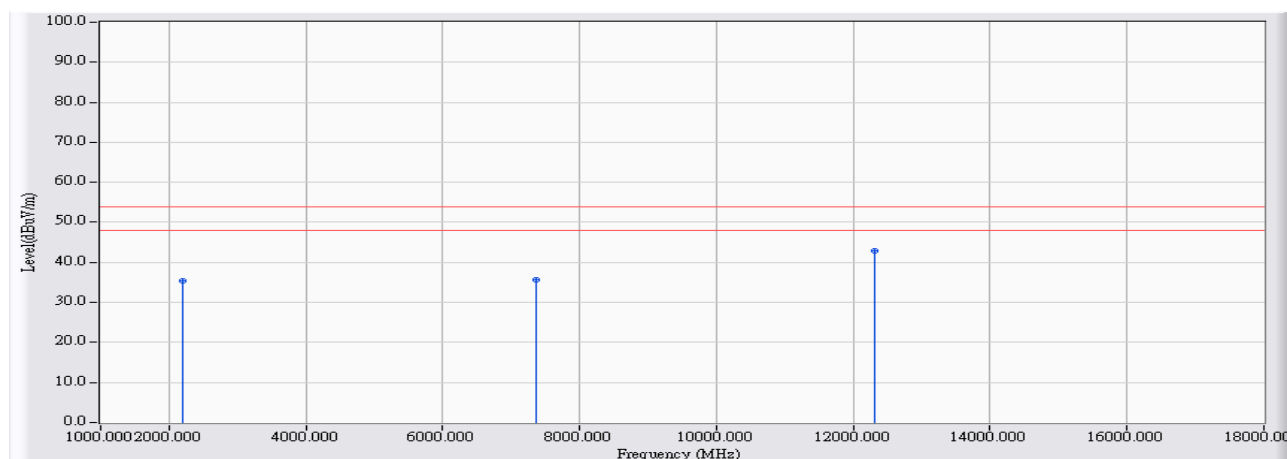


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2203.000	-1.309	54.390	53.081	-20.919	74.000	PEAK
2		4922.000	7.988	37.790	45.779	-28.221	74.000	PEAK
3		7385.000	17.020	35.450	52.470	-21.530	74.000	PEAK
4		9843.000	22.381	30.700	53.081	-20.919	74.000	PEAK
5	*	12294.000	26.228	30.710	56.938	-17.062	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(20M)_2462MHz

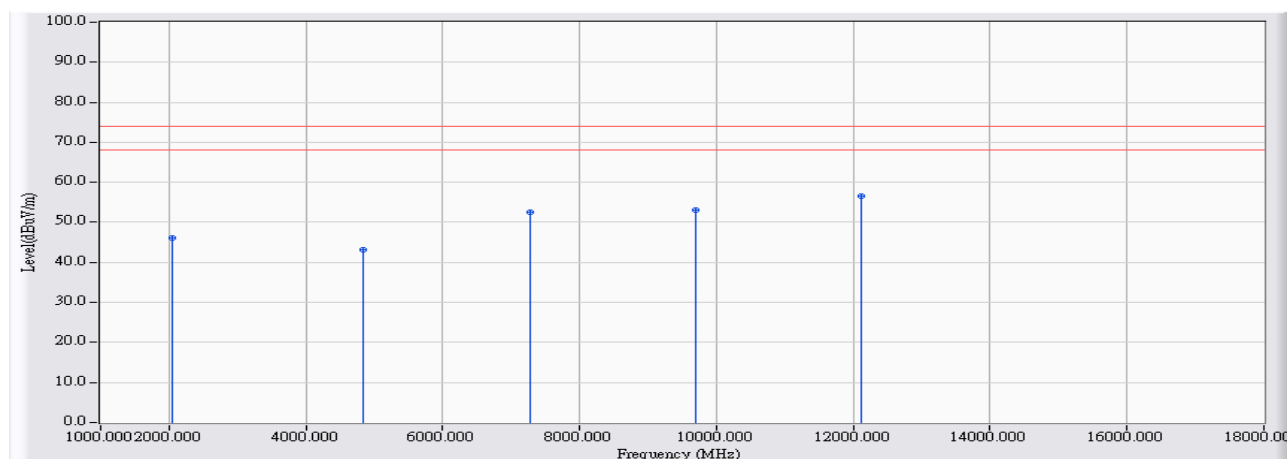


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2203.000	-1.309	36.580	35.271	-18.729	54.000	AVERAGE
2		7373.000	16.963	18.620	35.584	-18.416	54.000	AVERAGE
3	*	12307.000	26.218	16.600	42.819	-11.181	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2422MHz

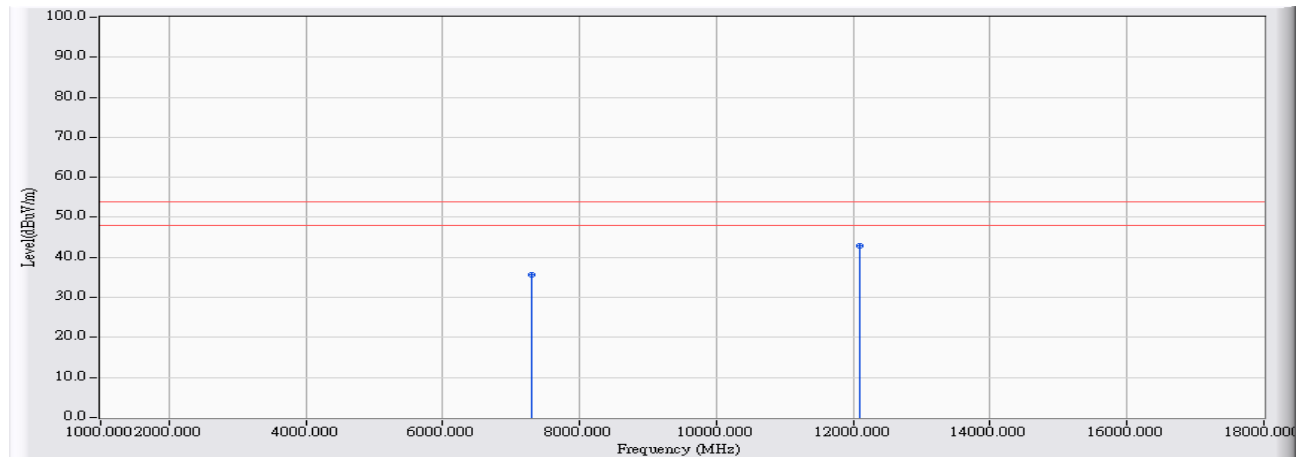


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2037.000	-1.980	48.060	46.080	-27.920	74.000	PEAK
2		4844.000	7.717	35.320	43.038	-30.962	74.000	PEAK
3		7273.000	16.495	35.960	52.455	-21.545	74.000	PEAK
4		9693.000	22.086	30.880	52.966	-21.034	74.000	PEAK
5	*	12117.000	26.367	30.160	56.528	-17.472	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2422MHz

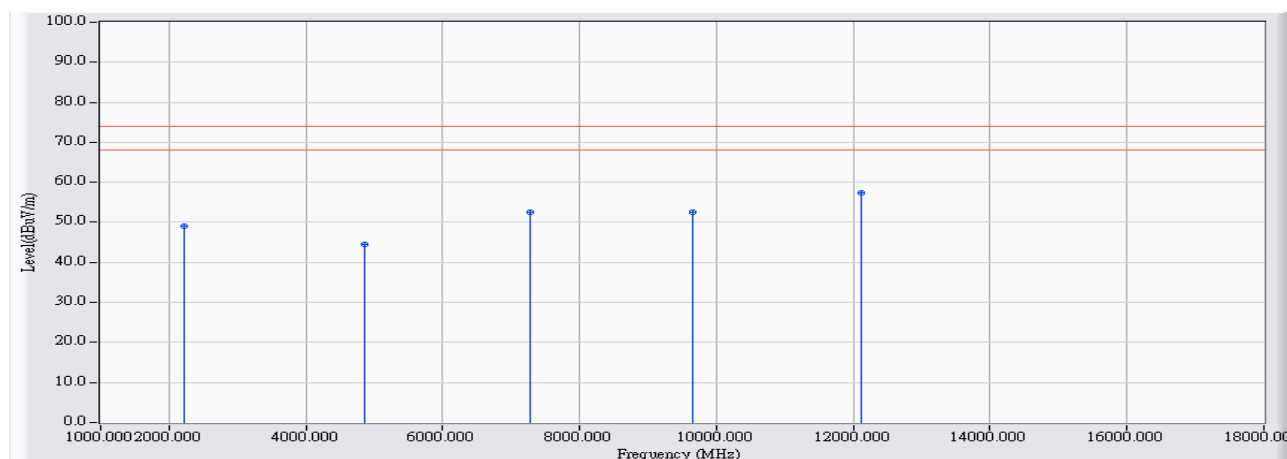


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7299.000	16.617	18.980	35.597	-18.403	54.000	AVERAGE
2	*	12093.000	26.388	16.550	42.937	-11.063	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2422MHz

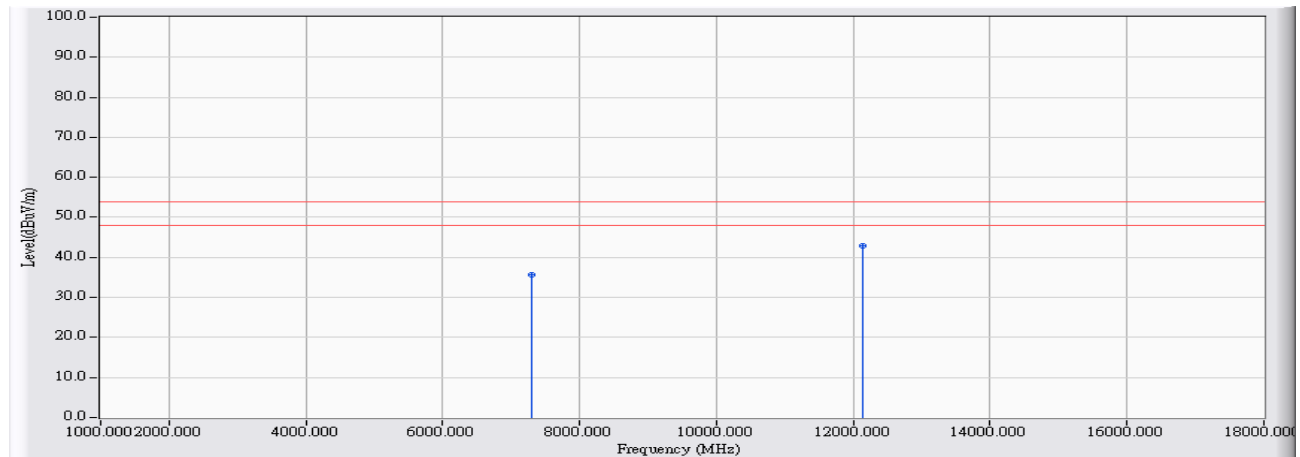


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2215.000	-1.261	50.330	49.069	-24.931	74.000	PEAK
2		4858.000	7.767	36.670	44.436	-29.564	74.000	PEAK
3		7273.000	16.495	36.030	52.525	-21.475	74.000	PEAK
4		9654.000	21.995	30.680	52.675	-21.325	74.000	PEAK
5	*	12117.000	26.367	30.880	57.248	-16.752	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2422MHz

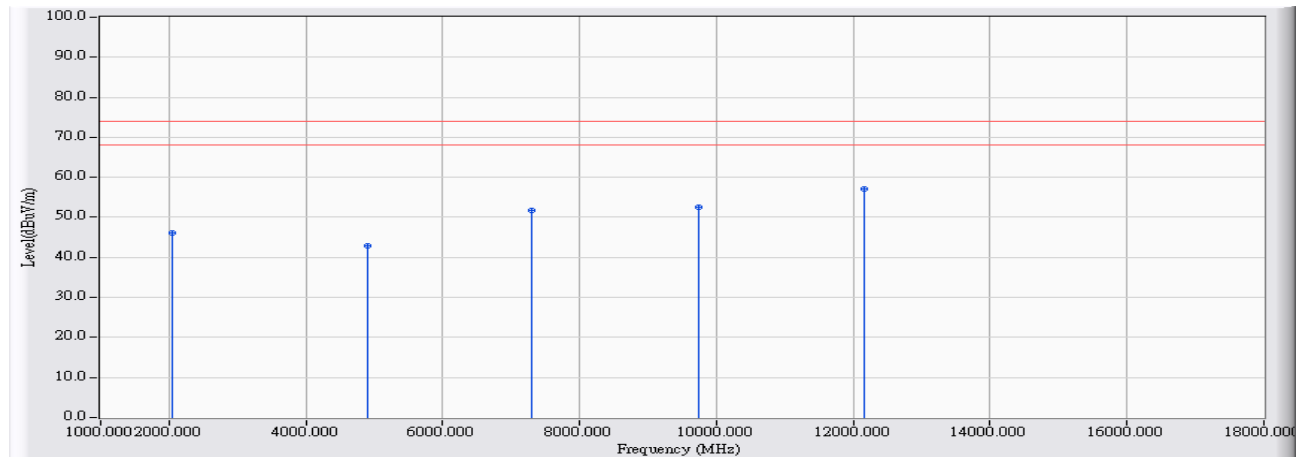


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7299.000	16.617	19.170	35.787	-18.213	54.000	AVERAGE
2	*	12127.000	26.359	16.540	42.900	-11.100	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

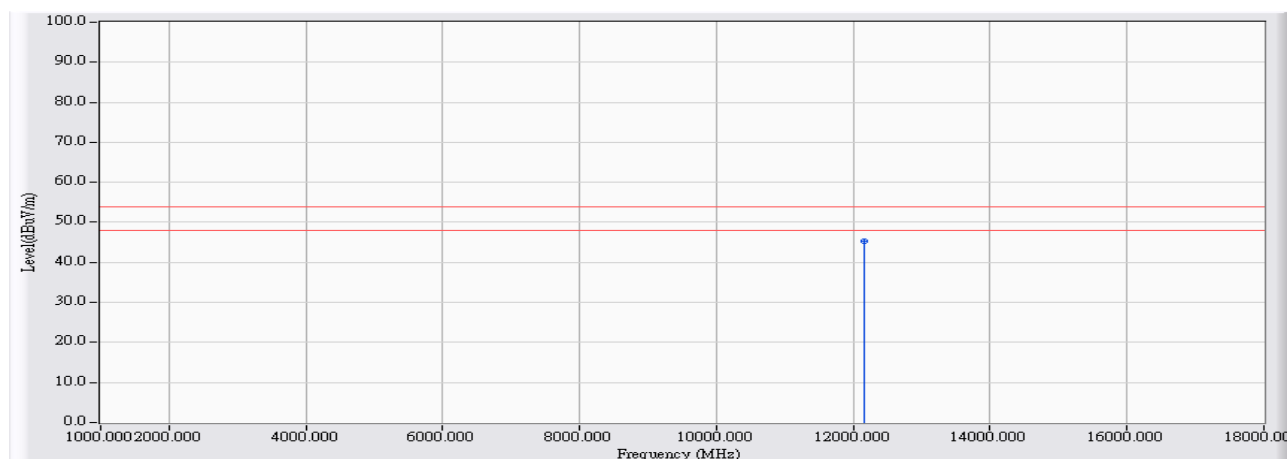


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2037.000	-1.980	47.970	45.990	-28.010	74.000	PEAK
2		4911.000	7.950	34.890	42.840	-31.160	74.000	PEAK
3		7308.000	16.659	35.150	51.809	-22.191	74.000	PEAK
4		9741.000	22.198	30.450	52.648	-21.352	74.000	PEAK
5	*	12168.000	26.328	30.830	57.157	-16.843	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

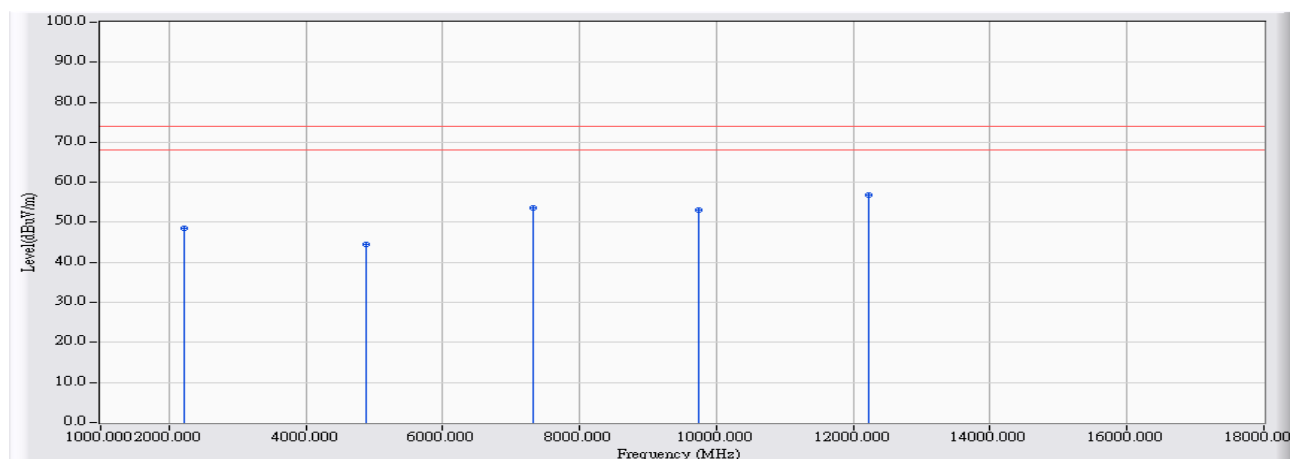


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12166.000	26.329	18.880	45.209	-8.791	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

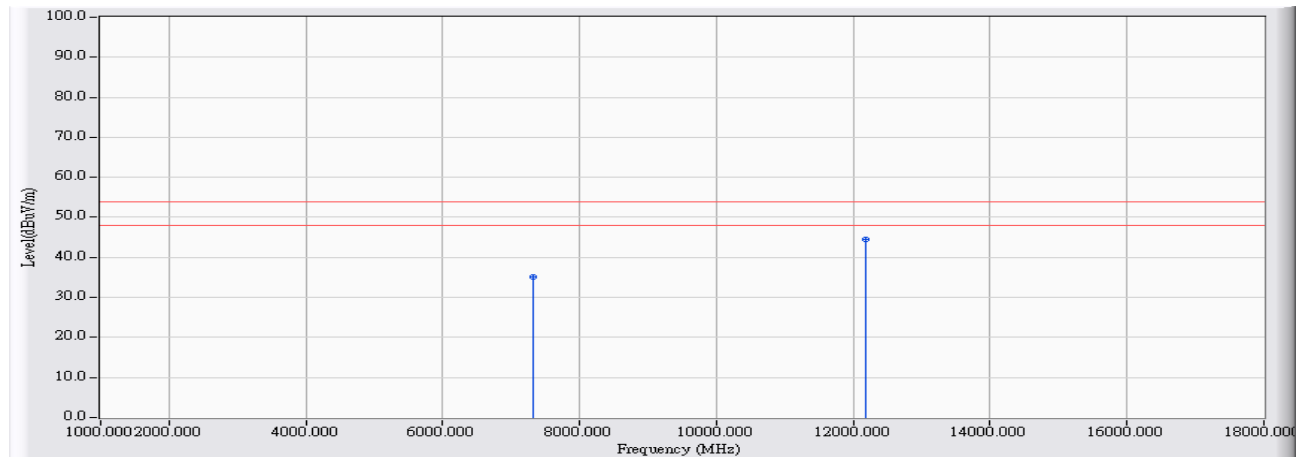


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2224.000	-1.224	49.700	48.475	-25.525	74.000	PEAK
2		4881.000	7.846	36.790	44.636	-29.364	74.000	PEAK
3		7316.000	16.696	36.950	53.647	-20.353	74.000	PEAK
4		9749.000	22.217	30.830	53.047	-20.953	74.000	PEAK
5	*	12221.000	26.284	30.490	56.774	-17.226	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2437MHz

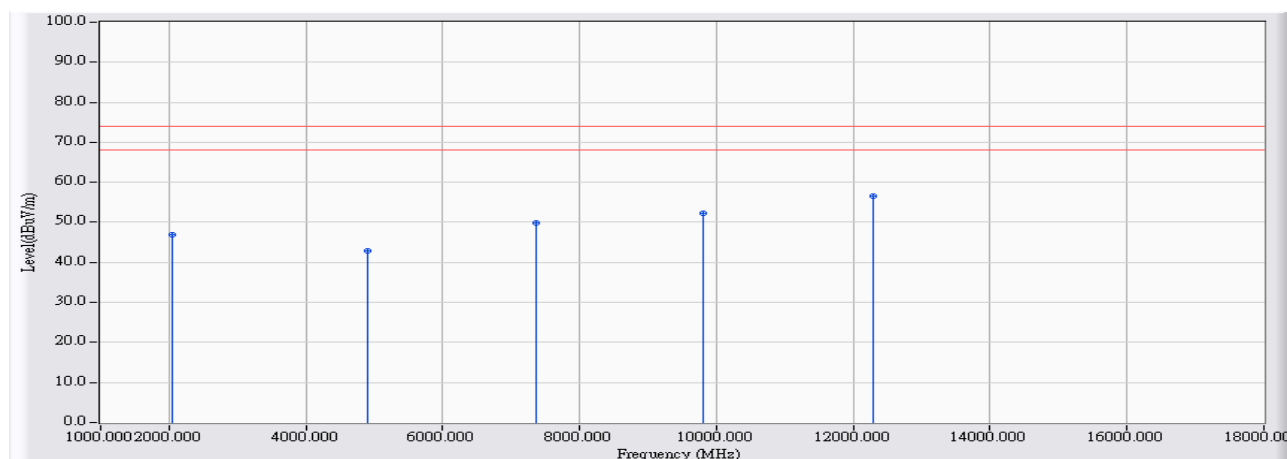


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7311.000	16.673	18.530	35.203	-18.797	54.000	AVERAGE
2	*	12185.000	26.313	18.133	44.446	-9.554	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2452MHz

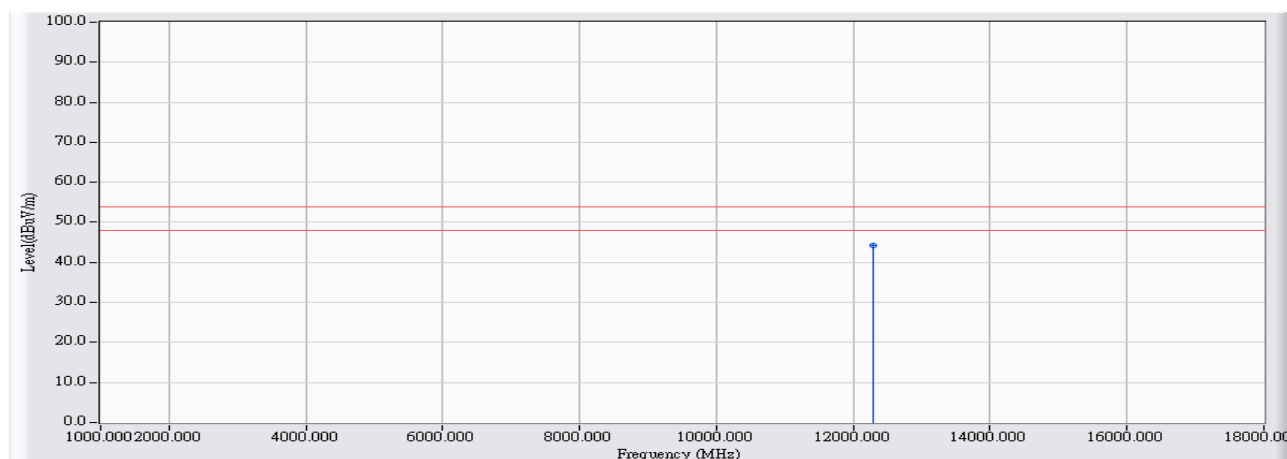


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2037.000	-1.980	48.810	46.830	-27.170	74.000	PEAK
2		4911.000	7.950	34.850	42.800	-31.200	74.000	PEAK
3		7369.000	16.945	32.820	49.765	-24.235	74.000	PEAK
4		9800.000	22.307	29.920	52.227	-21.773	74.000	PEAK
5	*	12288.000	26.233	30.210	56.443	-17.557	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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. 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 : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2452MHz

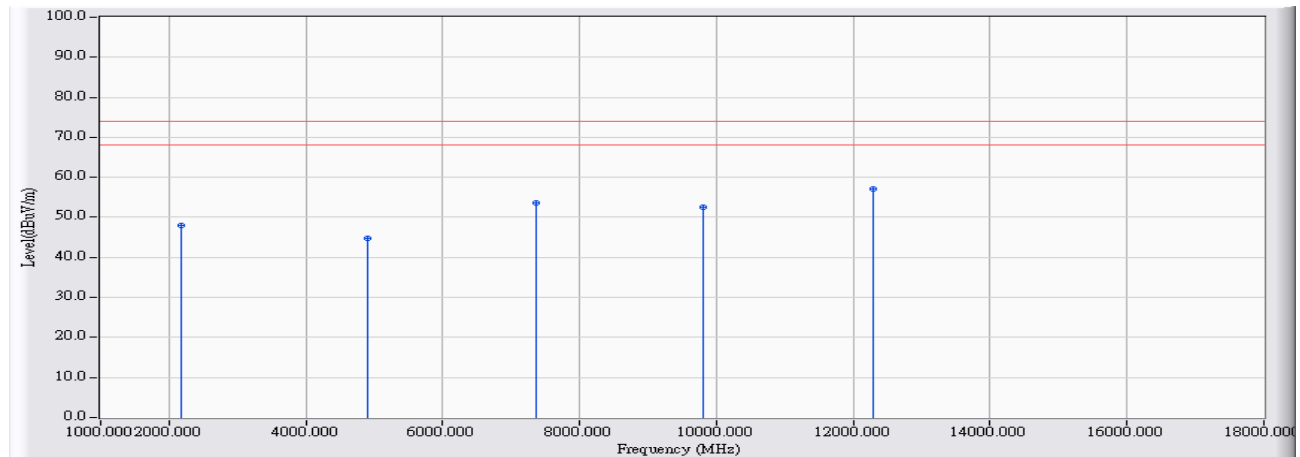


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12288.000	26.233	17.980	44.213	-9.787	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2452MHz

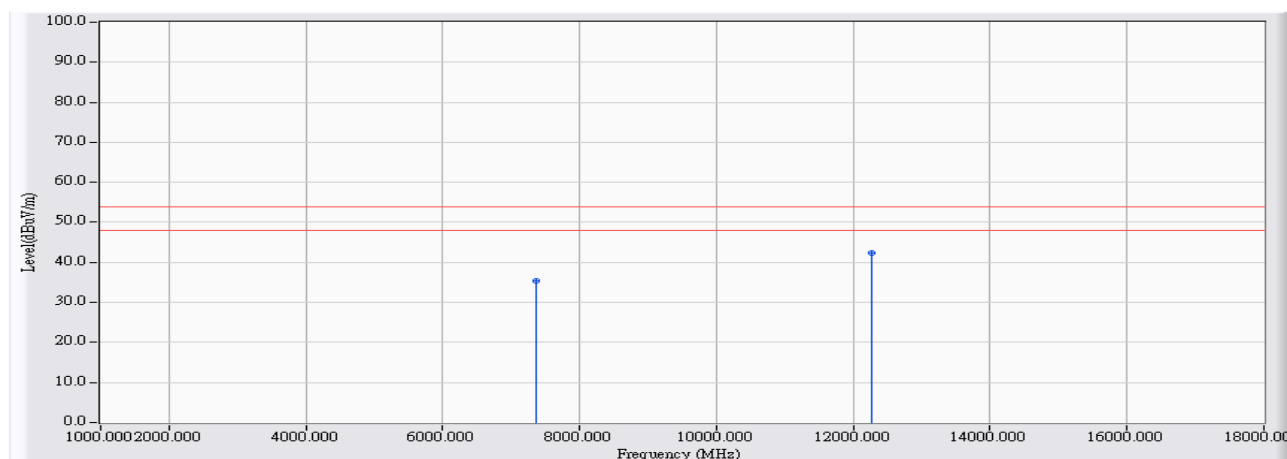


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2181.000	-1.398	49.470	48.072	-25.928	74.000	PEAK
2		4910.000	7.947	36.760	44.707	-29.293	74.000	PEAK
3		7363.000	16.917	36.590	53.507	-20.493	74.000	PEAK
4		9797.000	22.303	30.130	52.432	-21.568	74.000	PEAK
5	*	12296.000	26.227	30.980	57.207	-16.793	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/04/23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Wireless-AC2600 Dual Band Gigabit Router	Note : Mode 3: TX MIMO_ ADP: AD890326 802.11n(40M)_2452MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7356.000	16.883	18.380	35.264	-18.736	54.000	AVERAGE
2	*	12260.000	26.254	16.050	42.304	-11.696	54.000	AVERAGE

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

The following test equipment are used during the test:

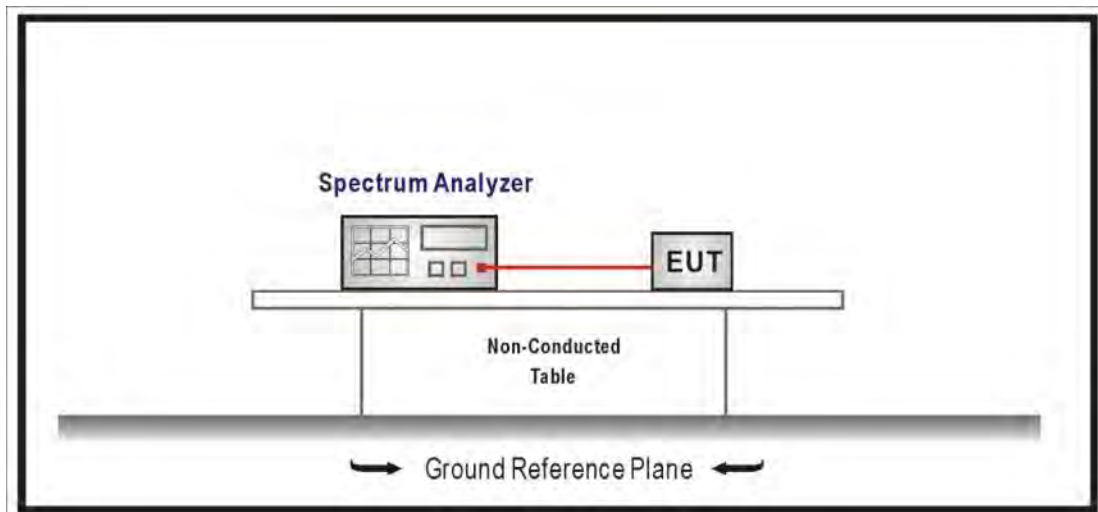
RF antenna conducted test / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

5.6. Uncertainty

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

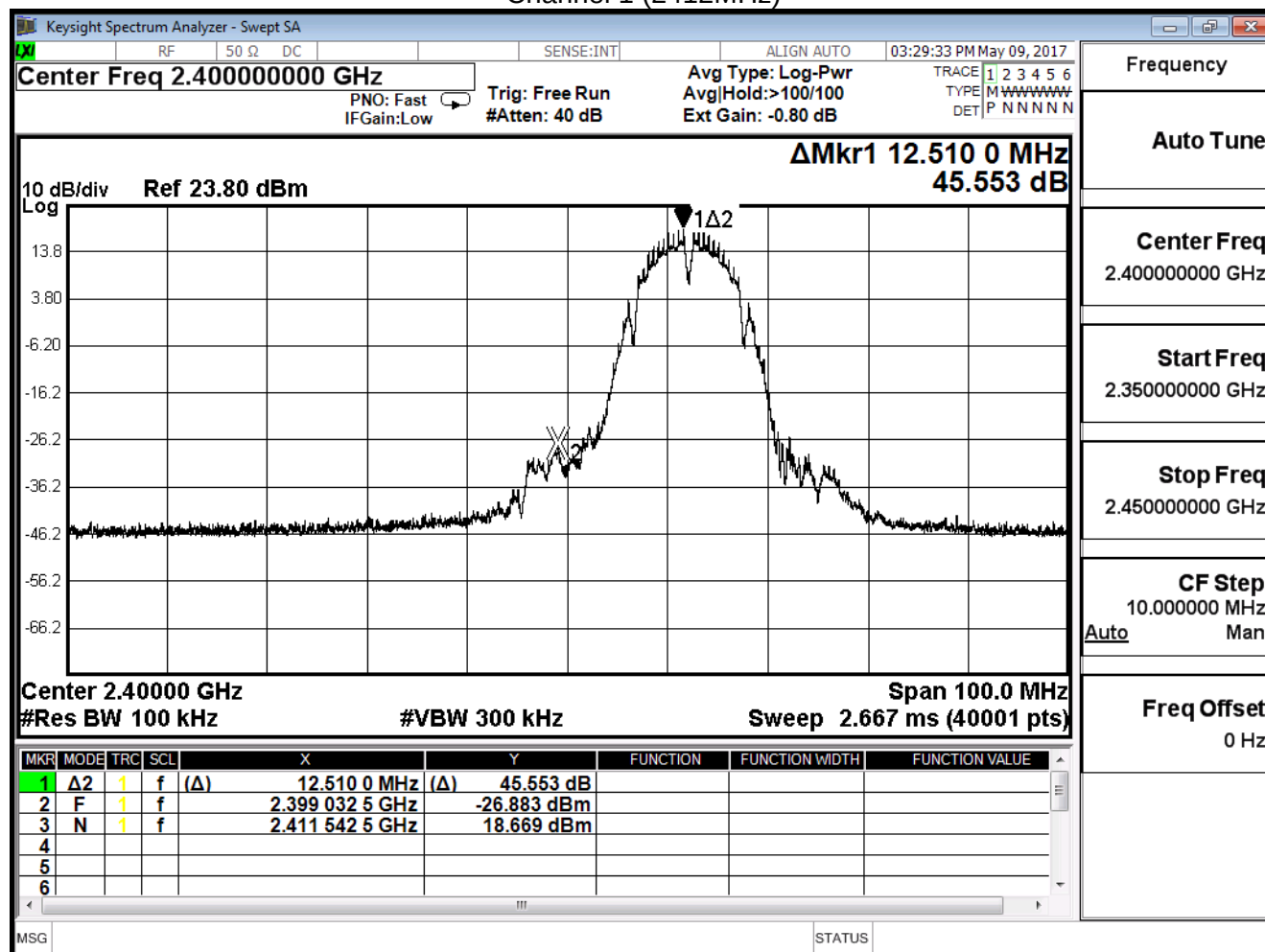
5.7. Test Result

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: TX SISO _ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

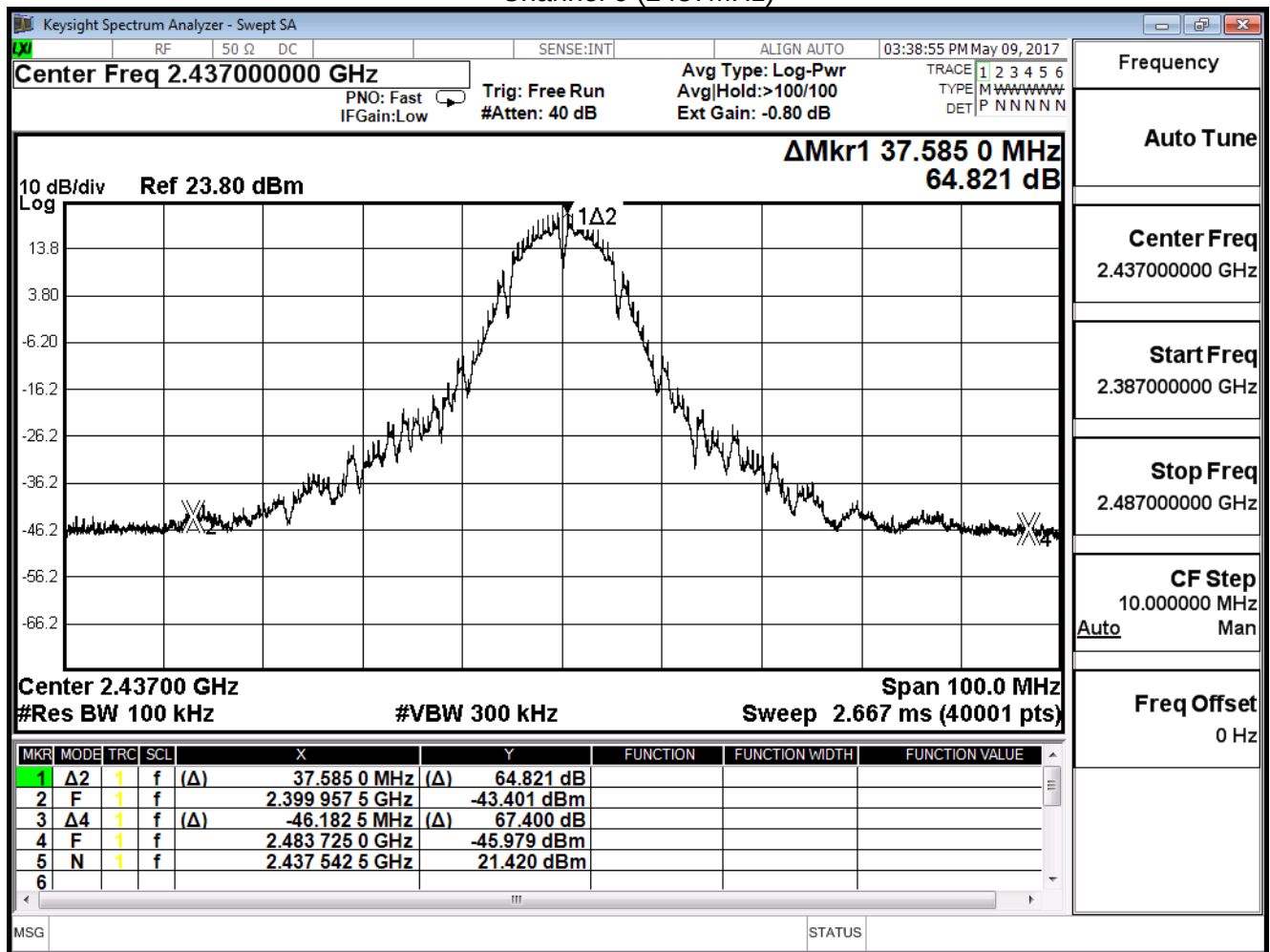
IEEE 802.11b (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	45.553	≥ 30
6	2437	64.821	≥ 30
11	2462	61.305	≥ 30

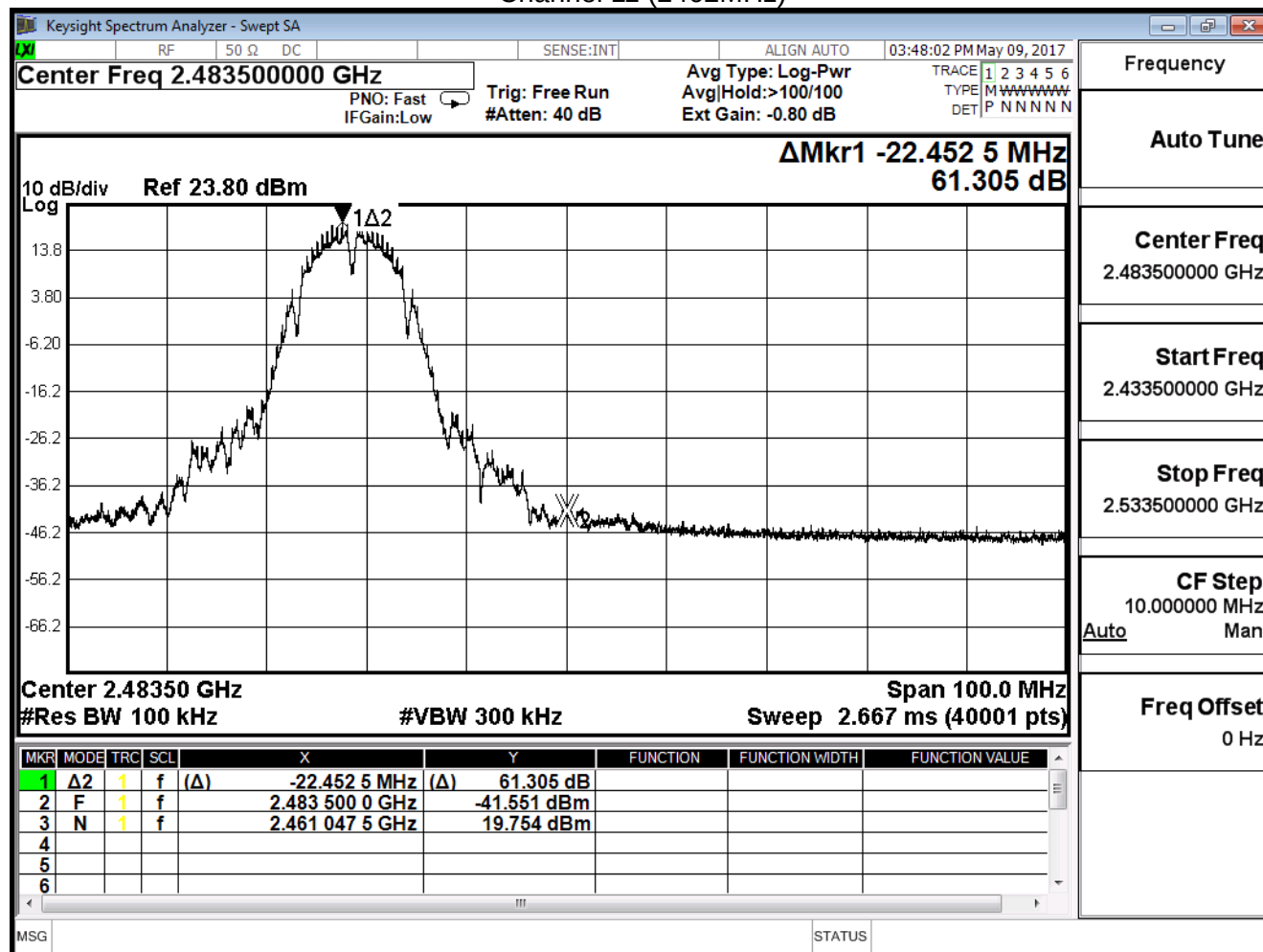
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

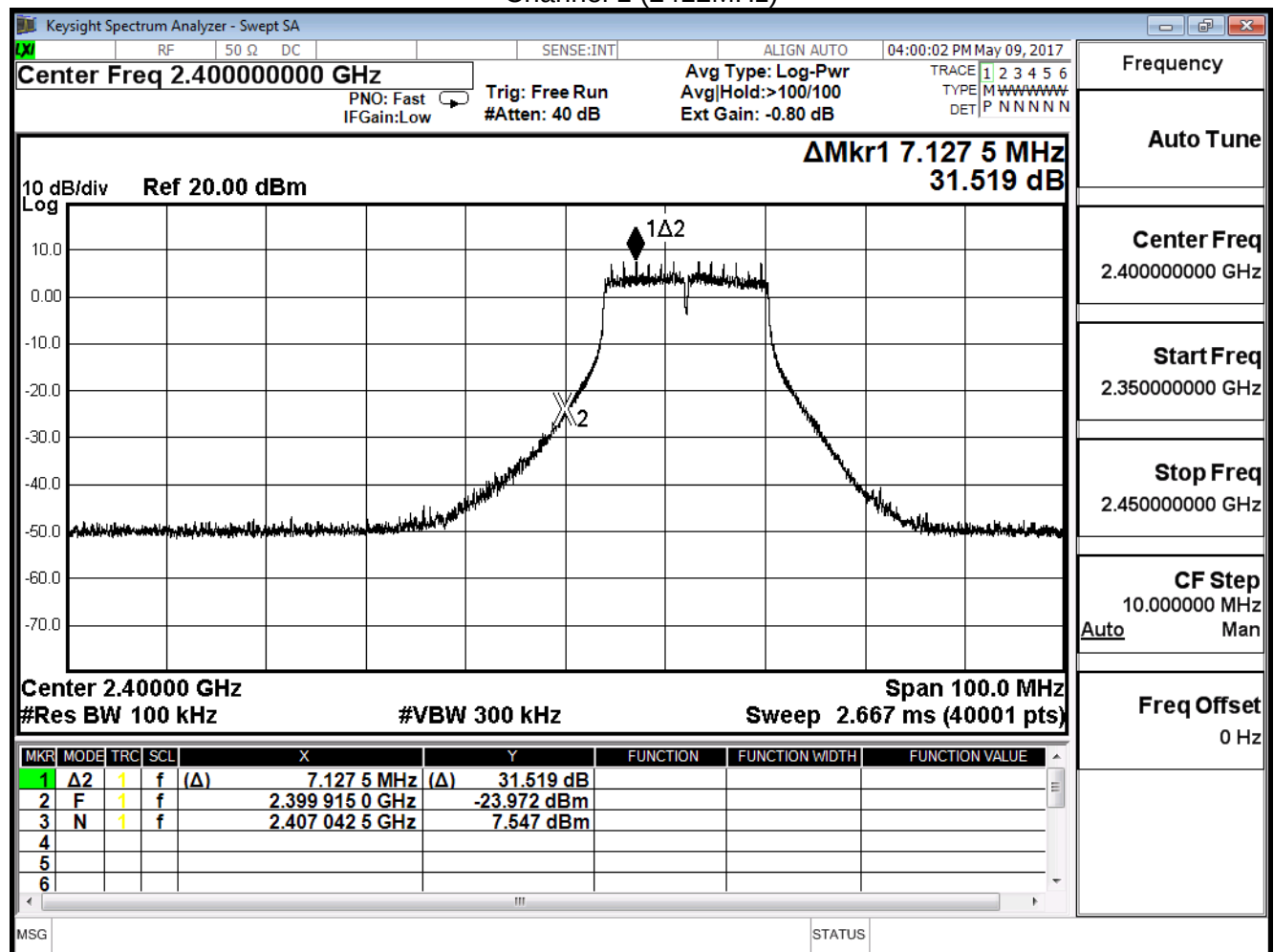


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

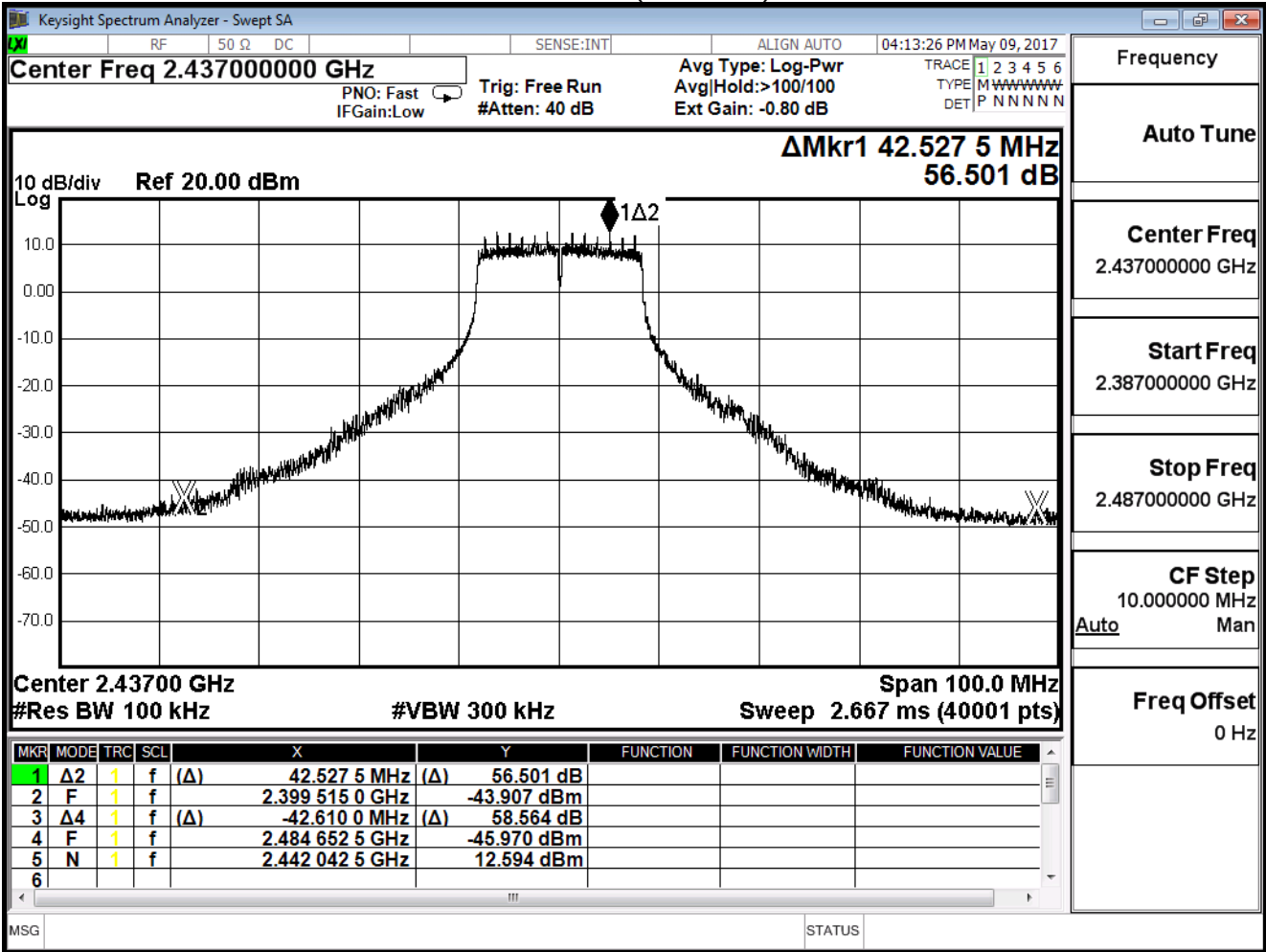
IEEE 802.11g (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.519	≥ 30
6	2437	56.501	≥ 30
11	2462	52.392	≥ 30

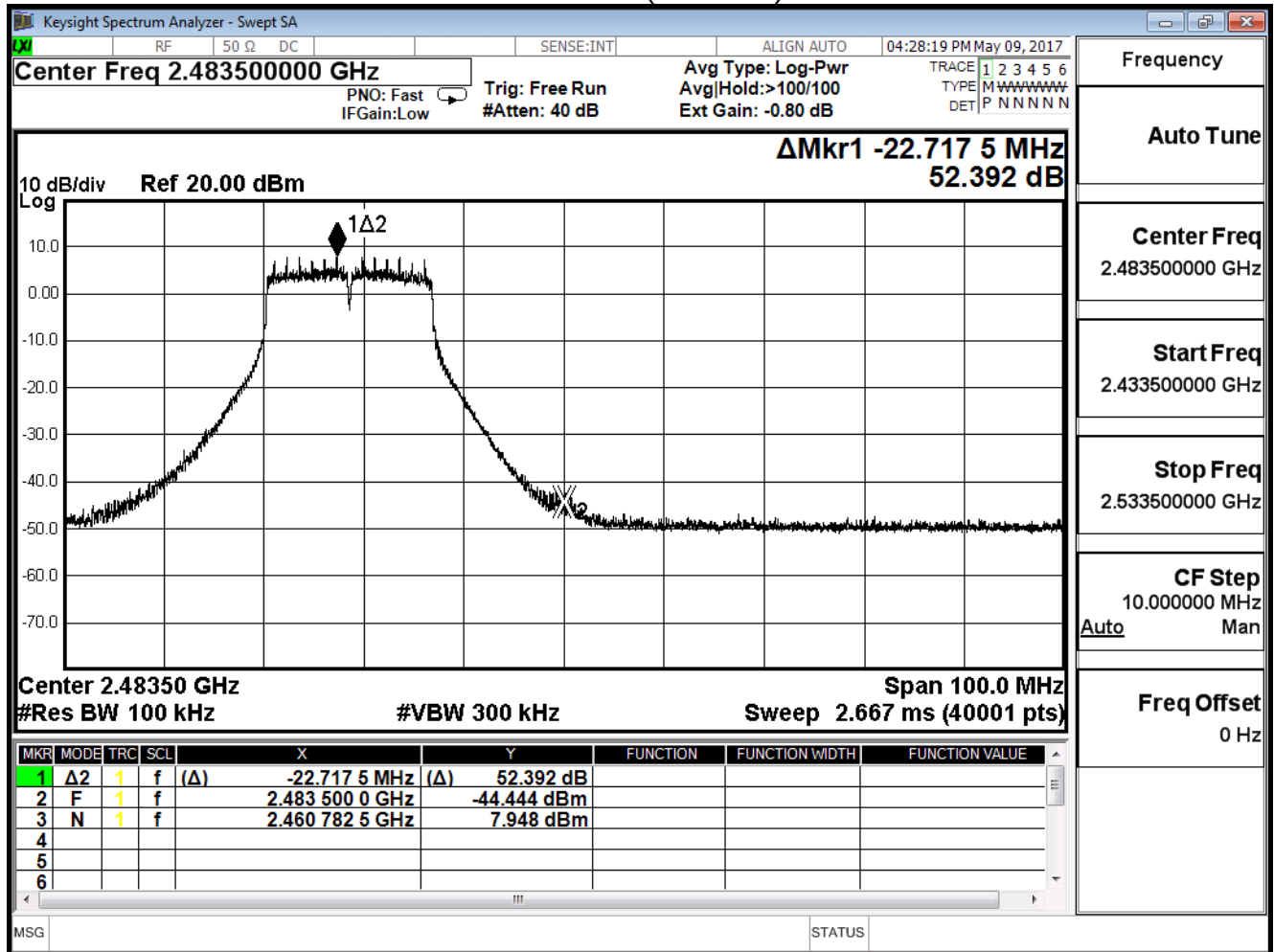
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

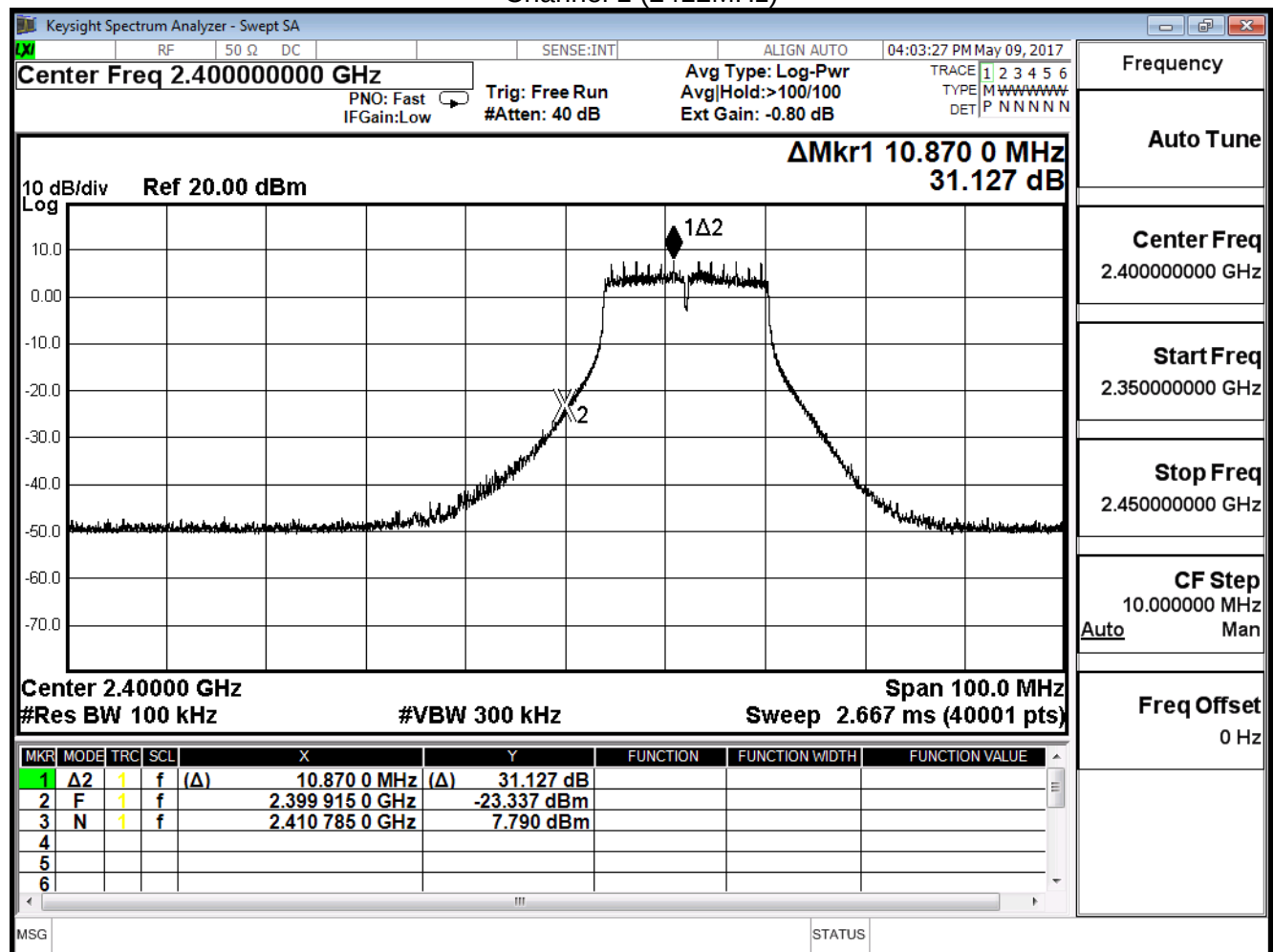


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

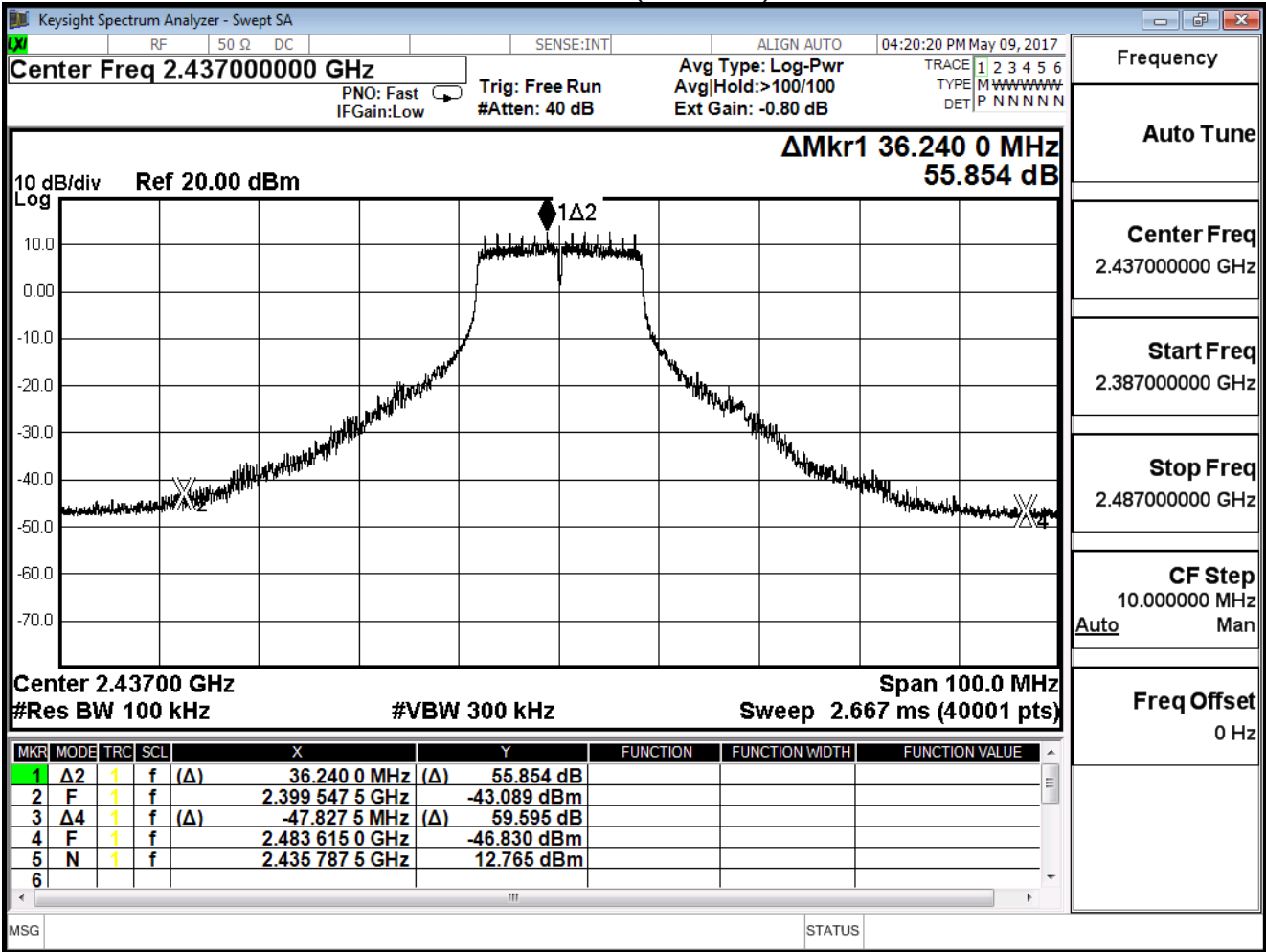
IEEE 802.11g (ANT 1)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.127	≥ 30
6	2437	55.854	≥ 30
11	2462	53.698	≥ 30

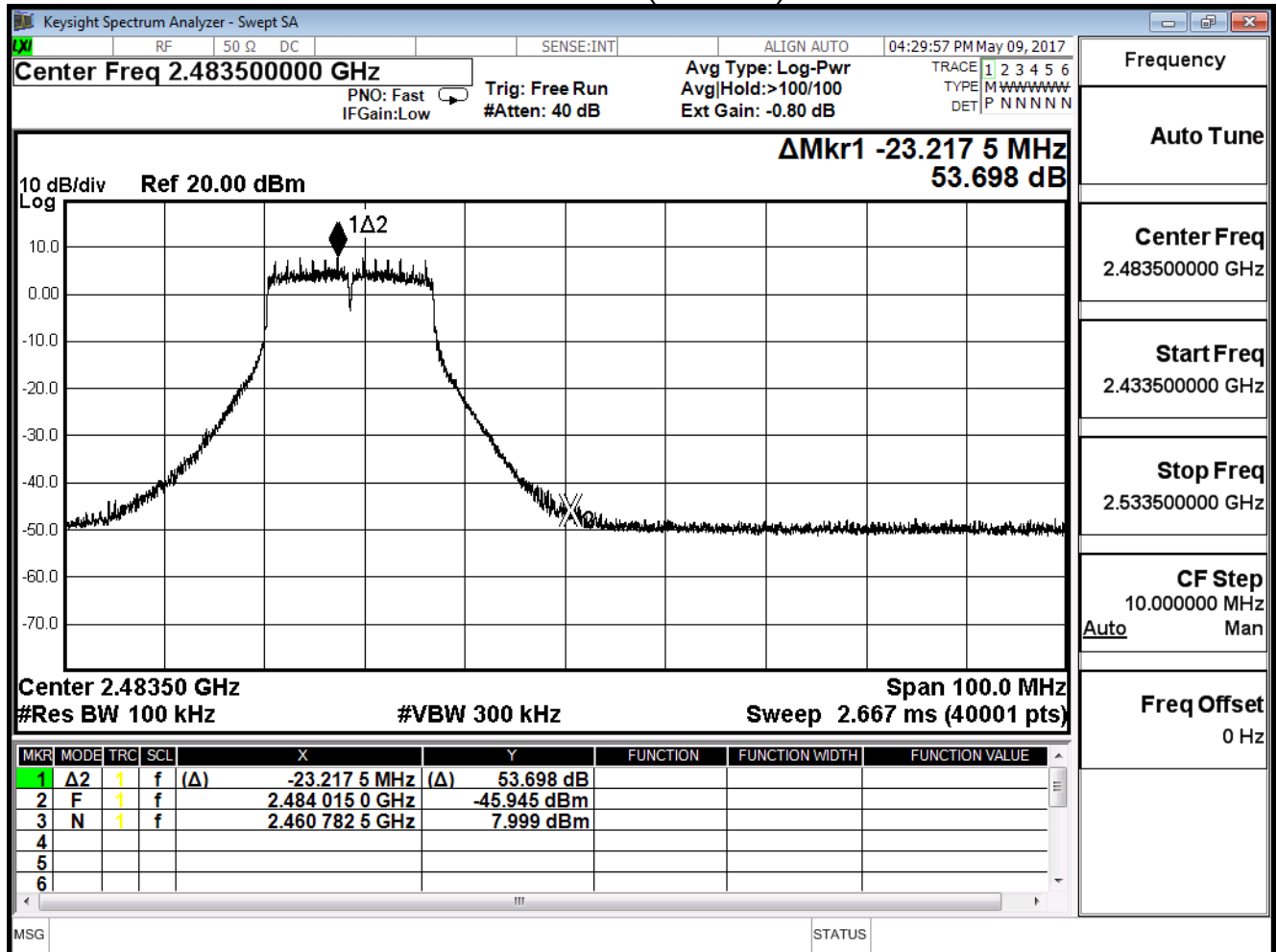
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

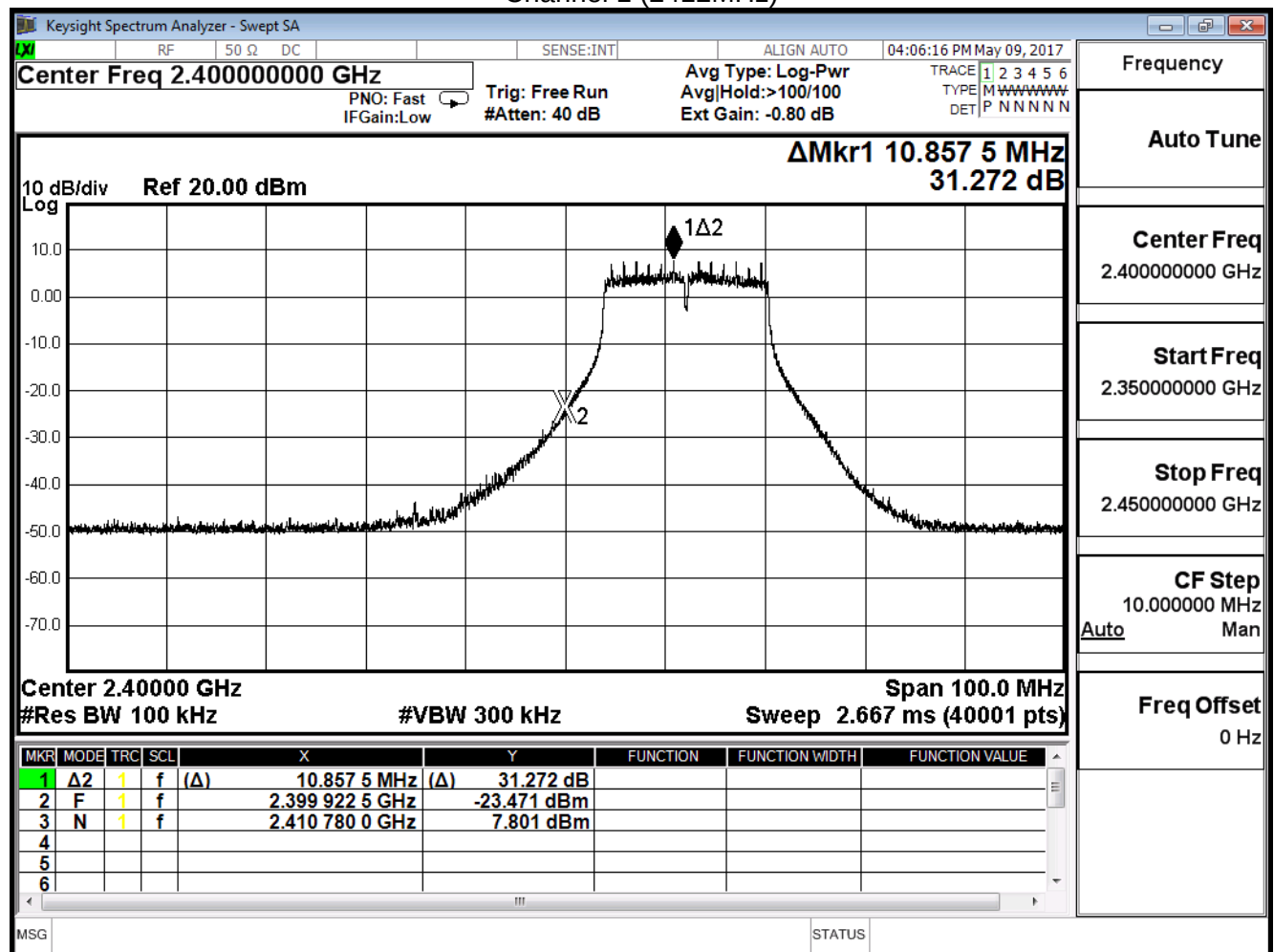


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: TX CDD _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

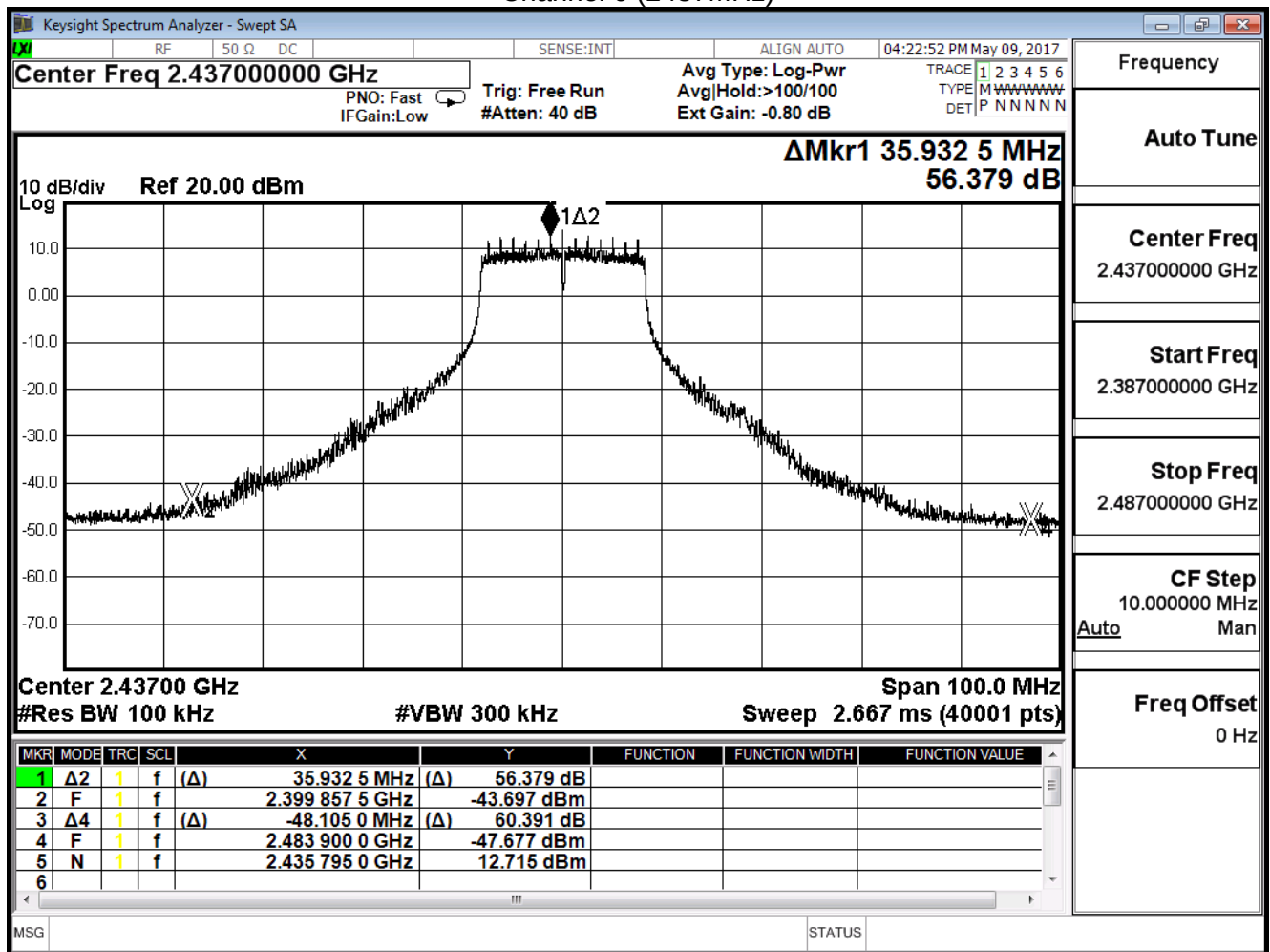
IEEE 802.11g (ANT 2)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.272	≥ 30
6	2437	56.379	≥ 30
11	2462	52.745	≥ 30

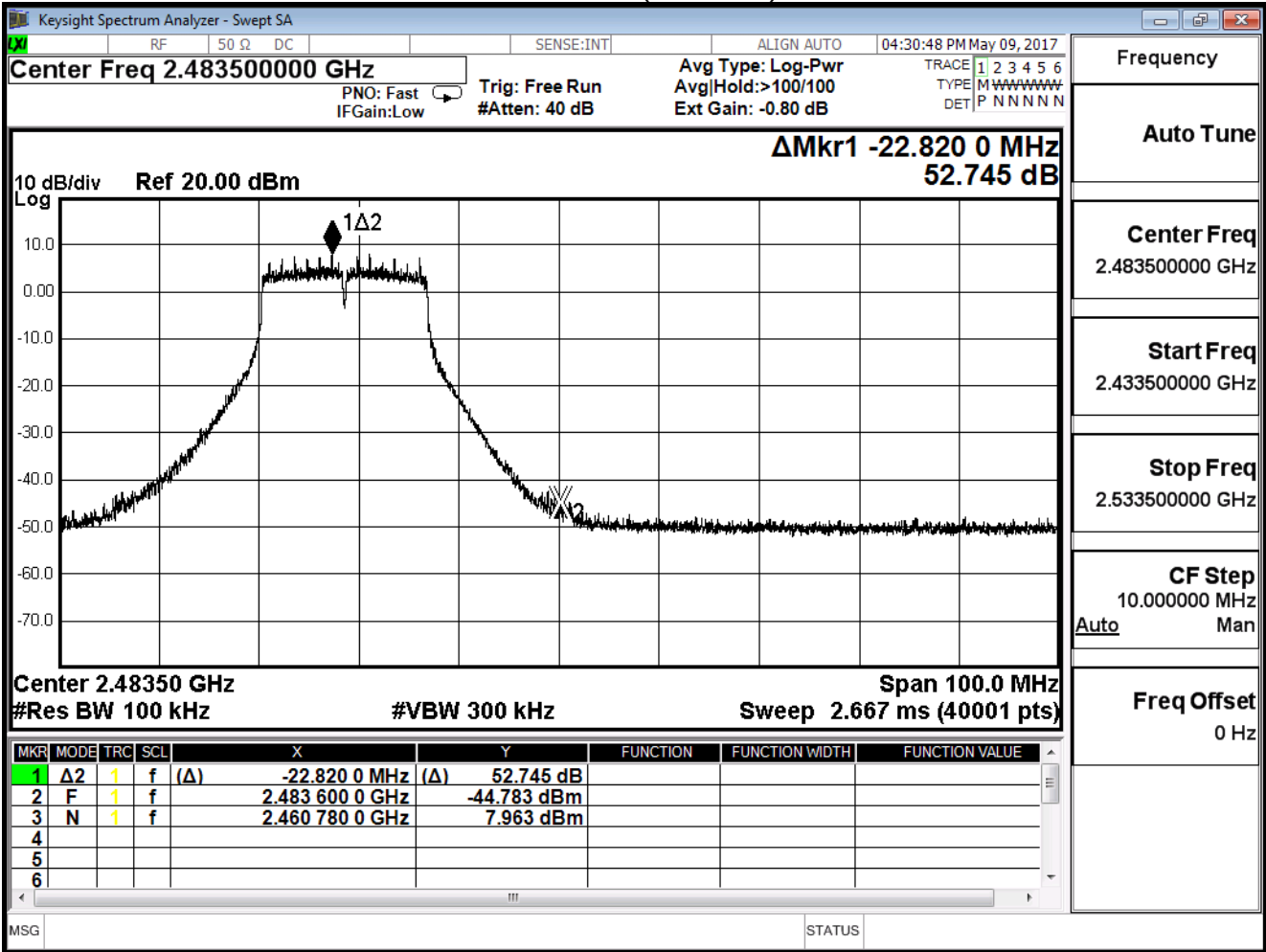
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

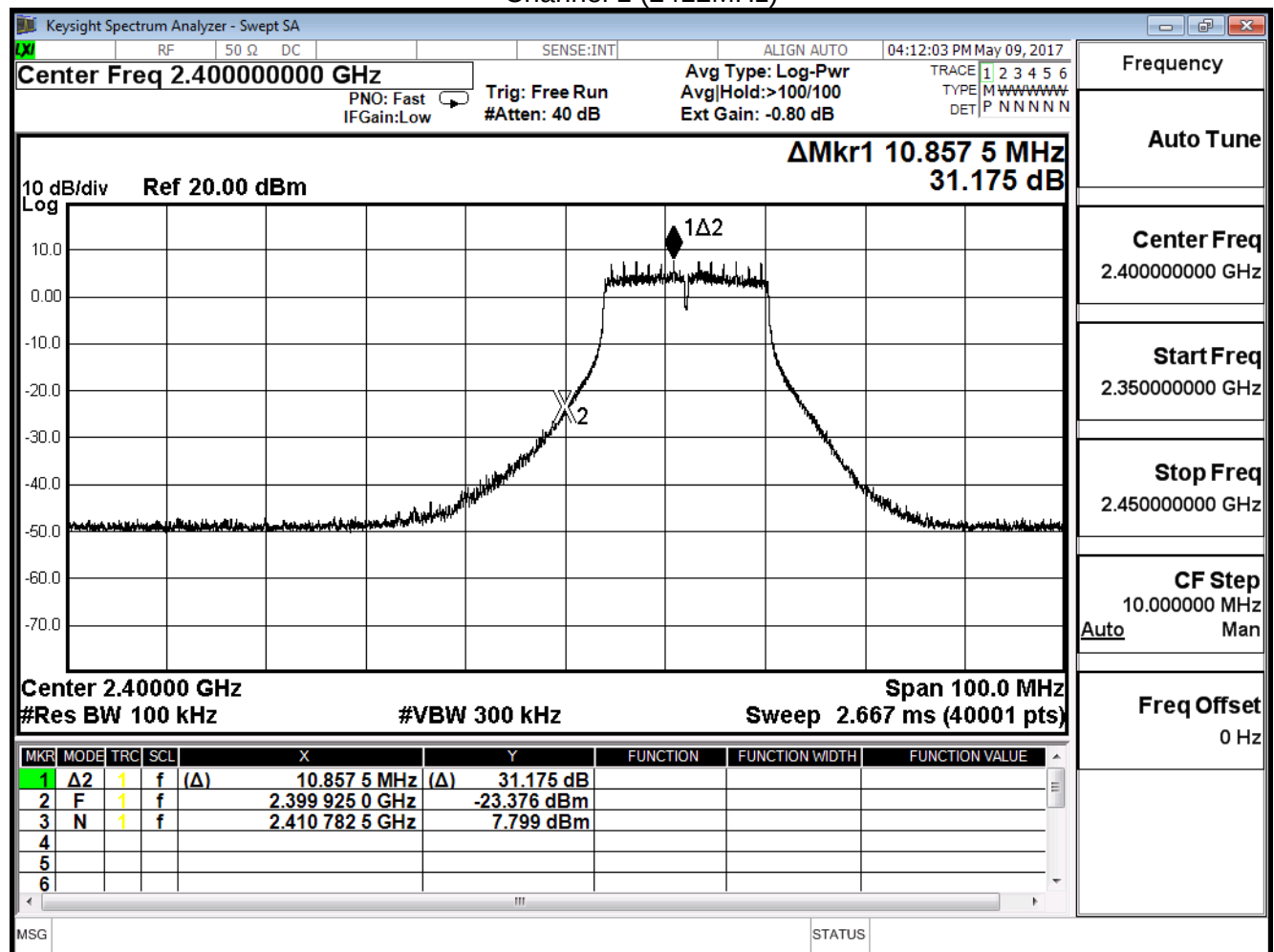


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: TX CDD _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

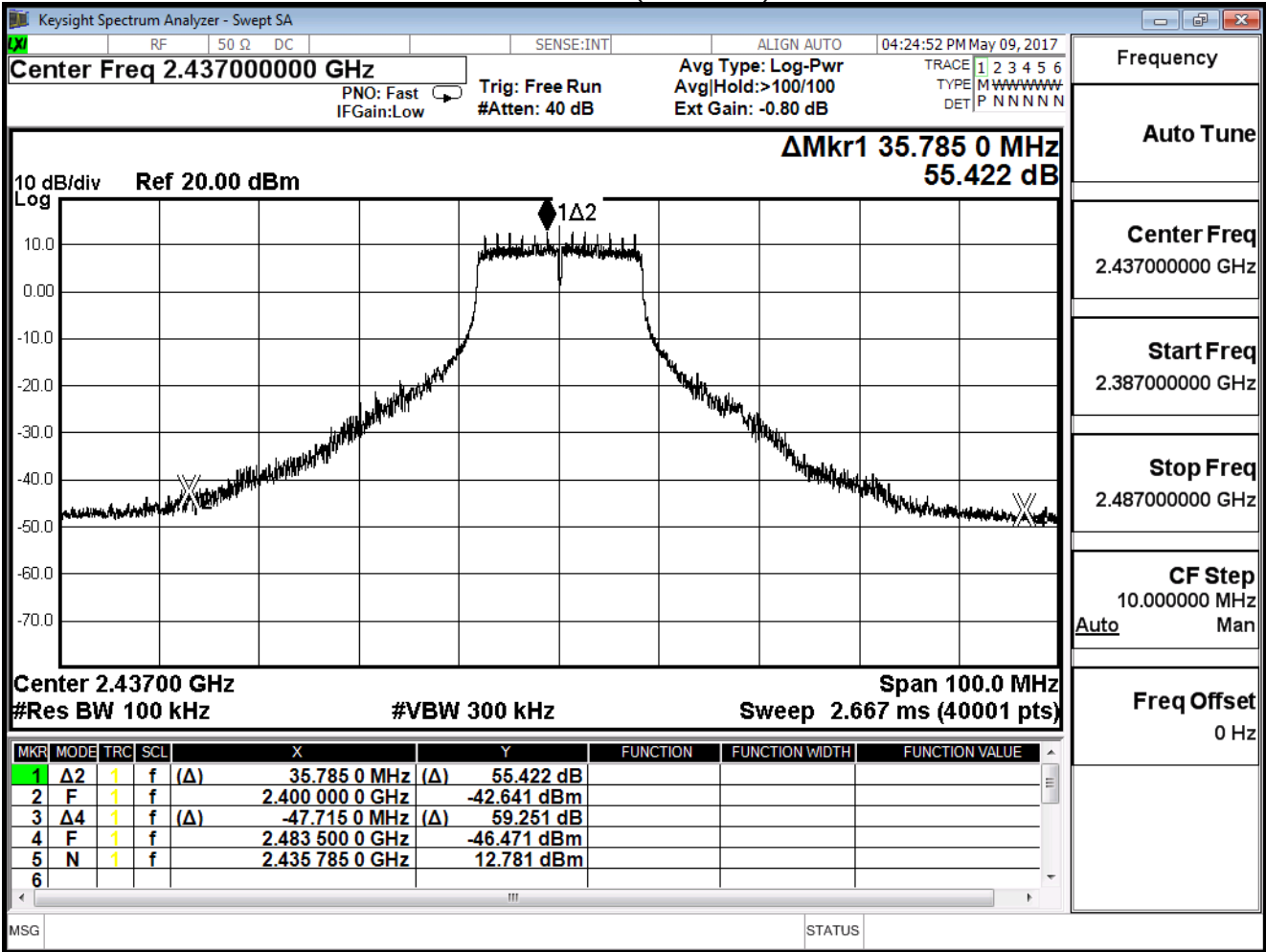
IEEE 802.11g (ANT 3)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.175	≥ 30
6	2437	55.422	≥ 30
11	2462	52.821	≥ 30

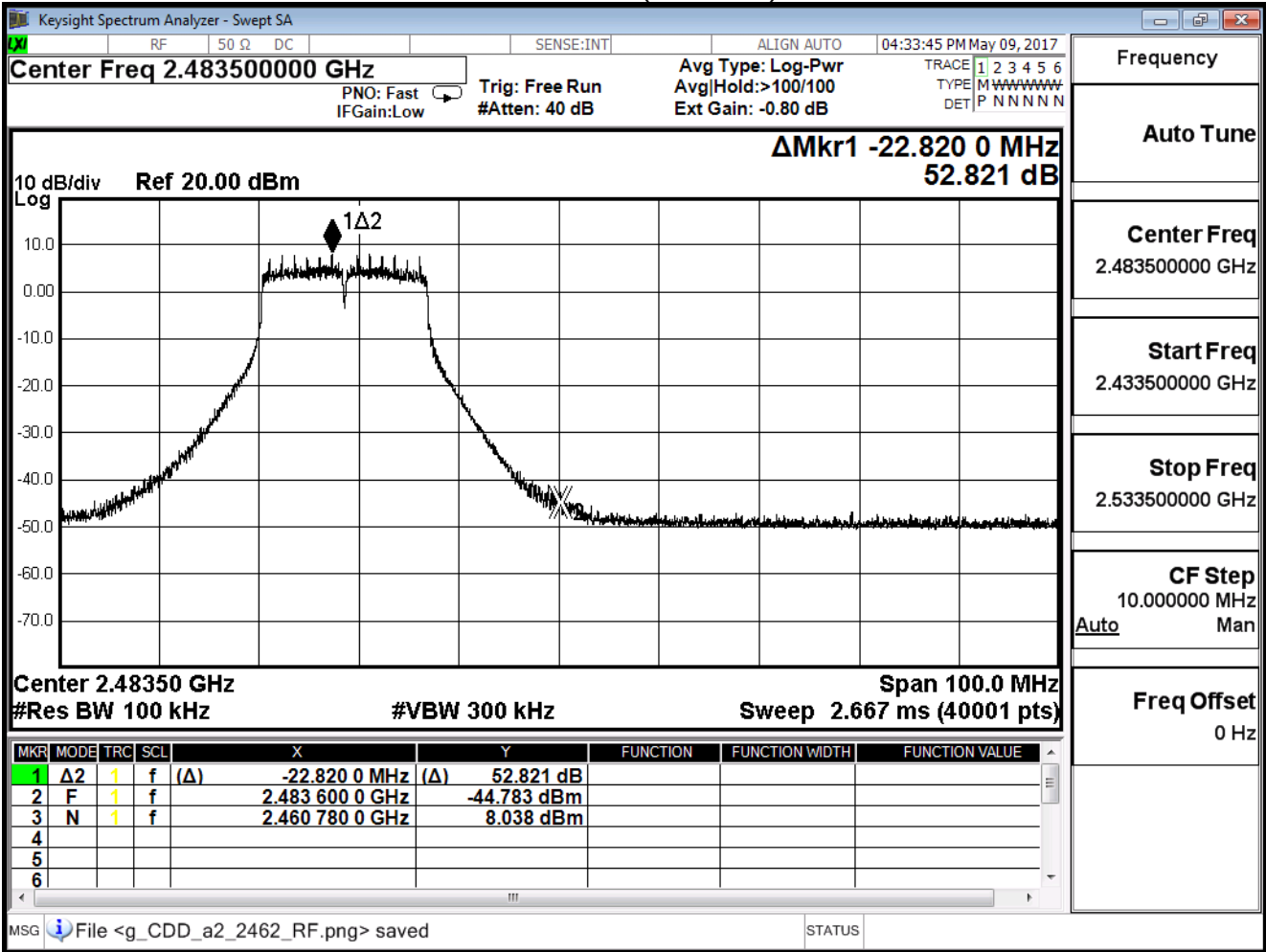
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

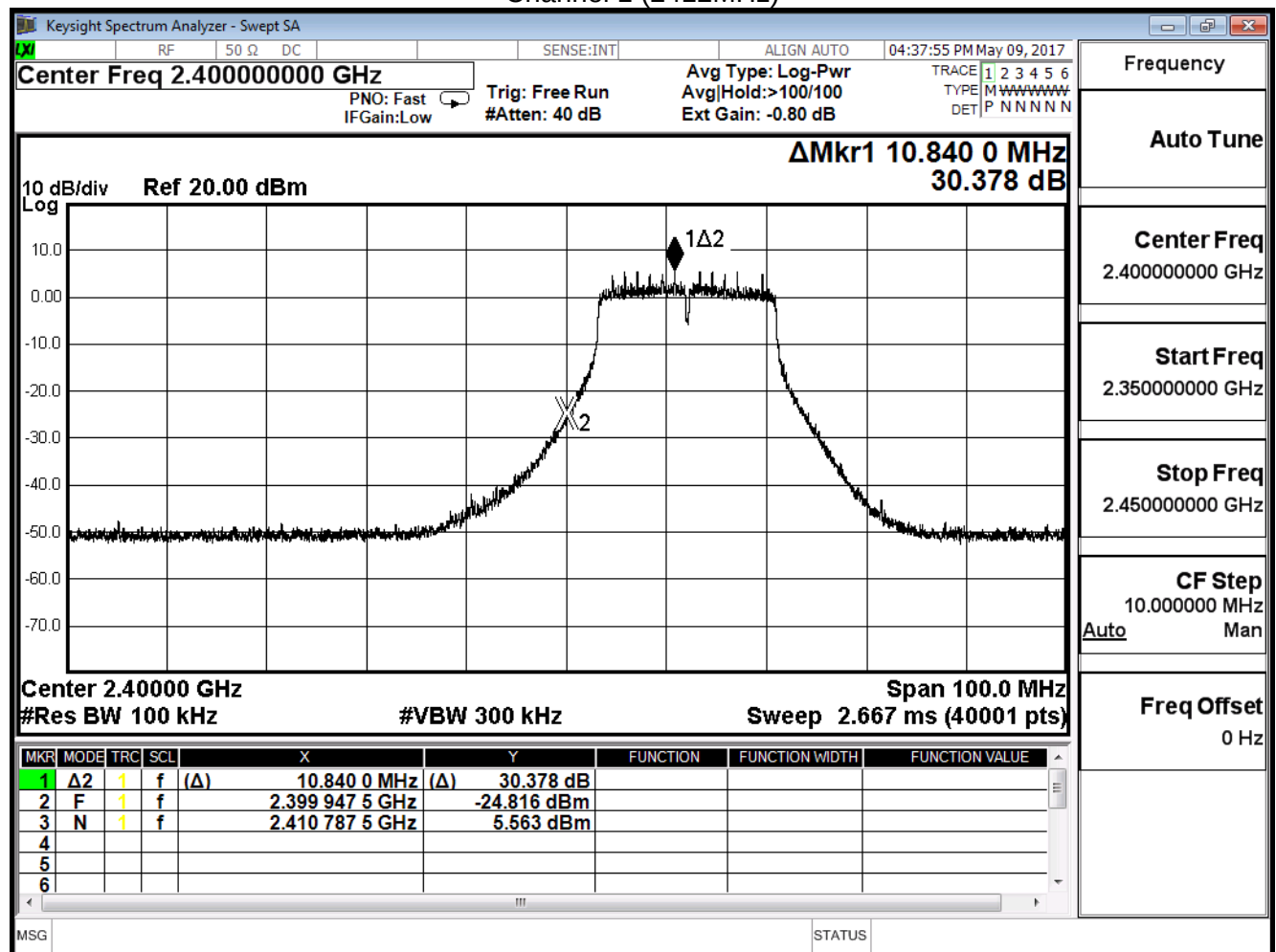


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

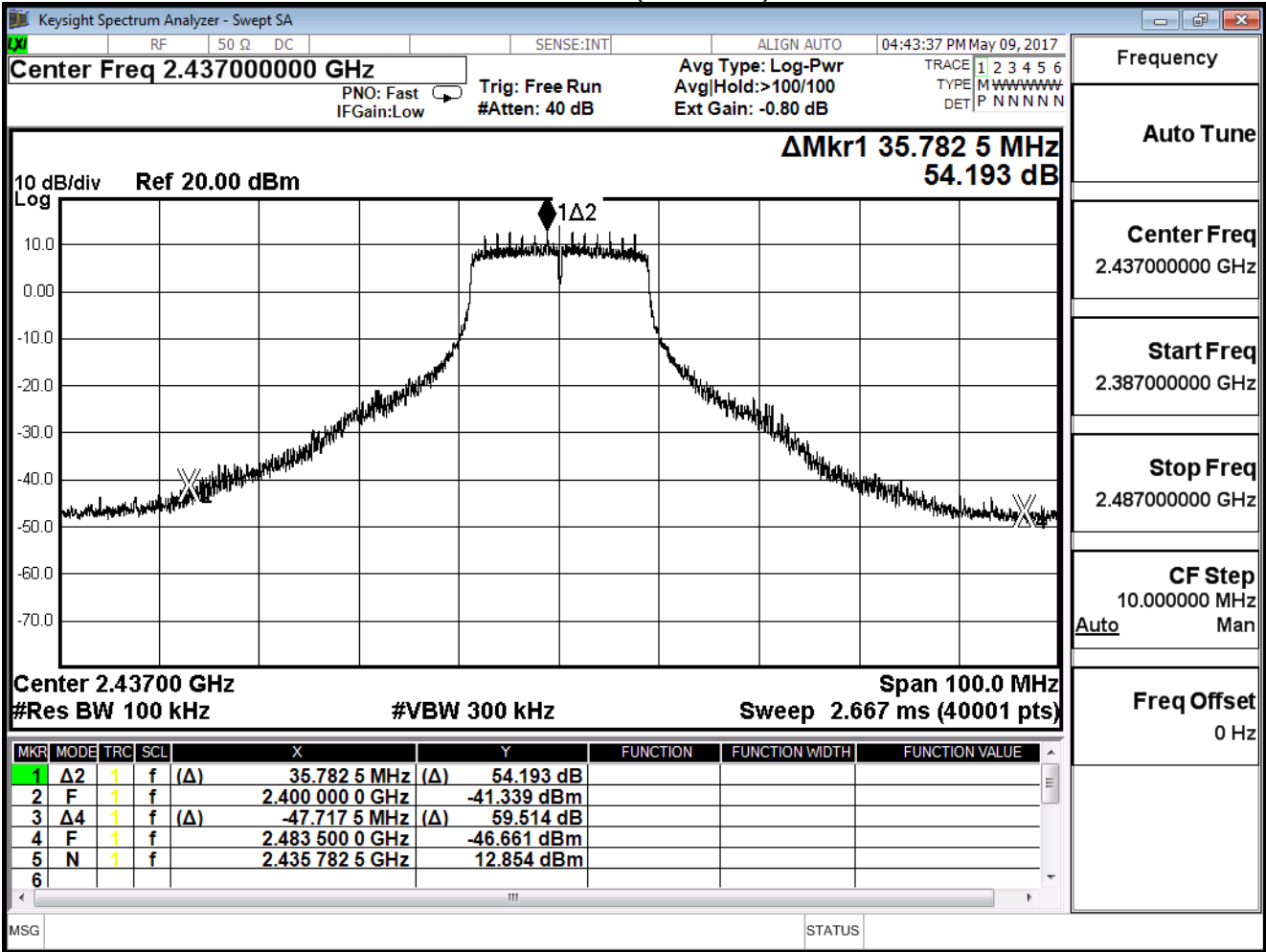
IEEE 802.11n(20MHz) (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	30.378	≥ 30
6	2437	54.193	≥ 30
11	2462	53.258	≥ 30

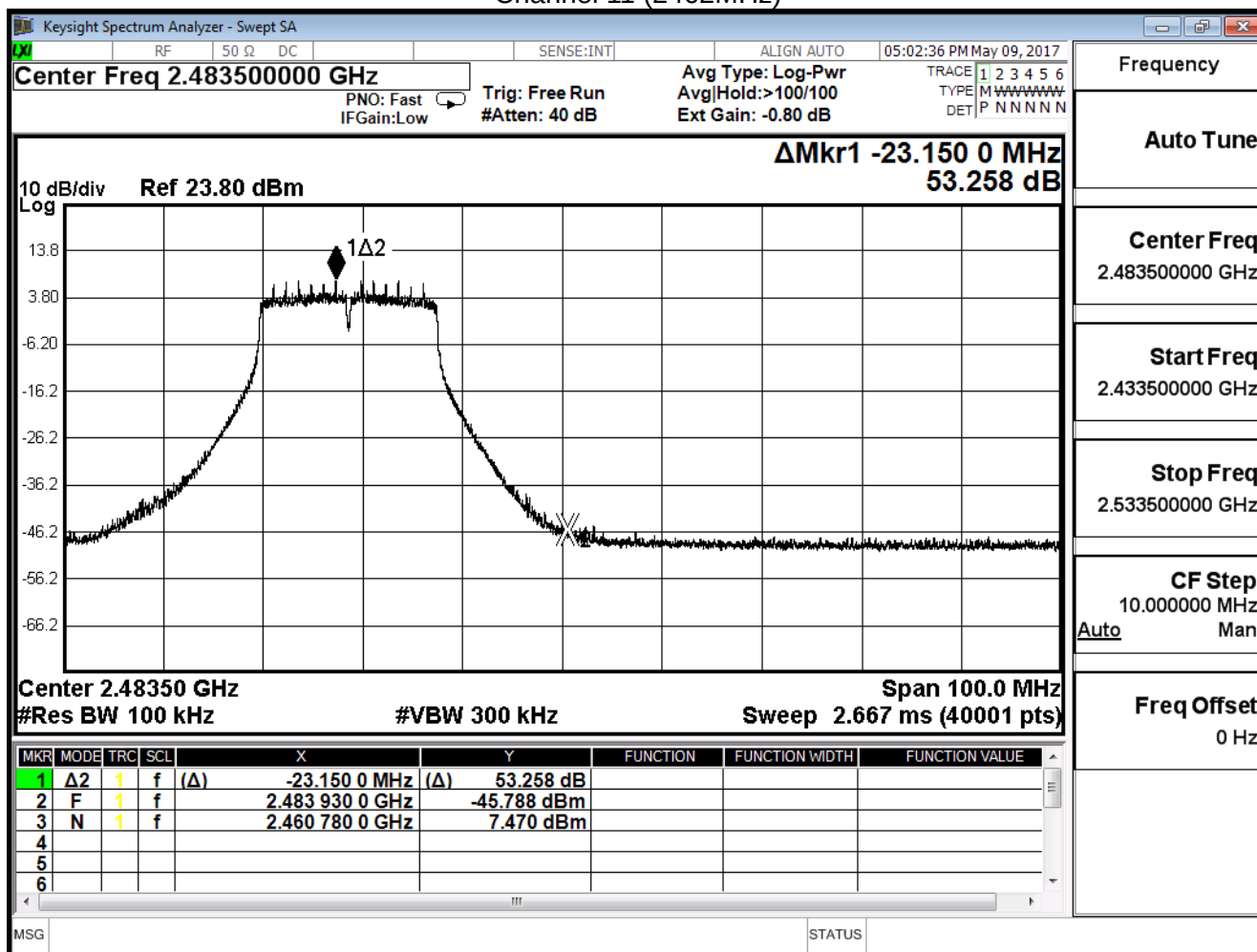
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

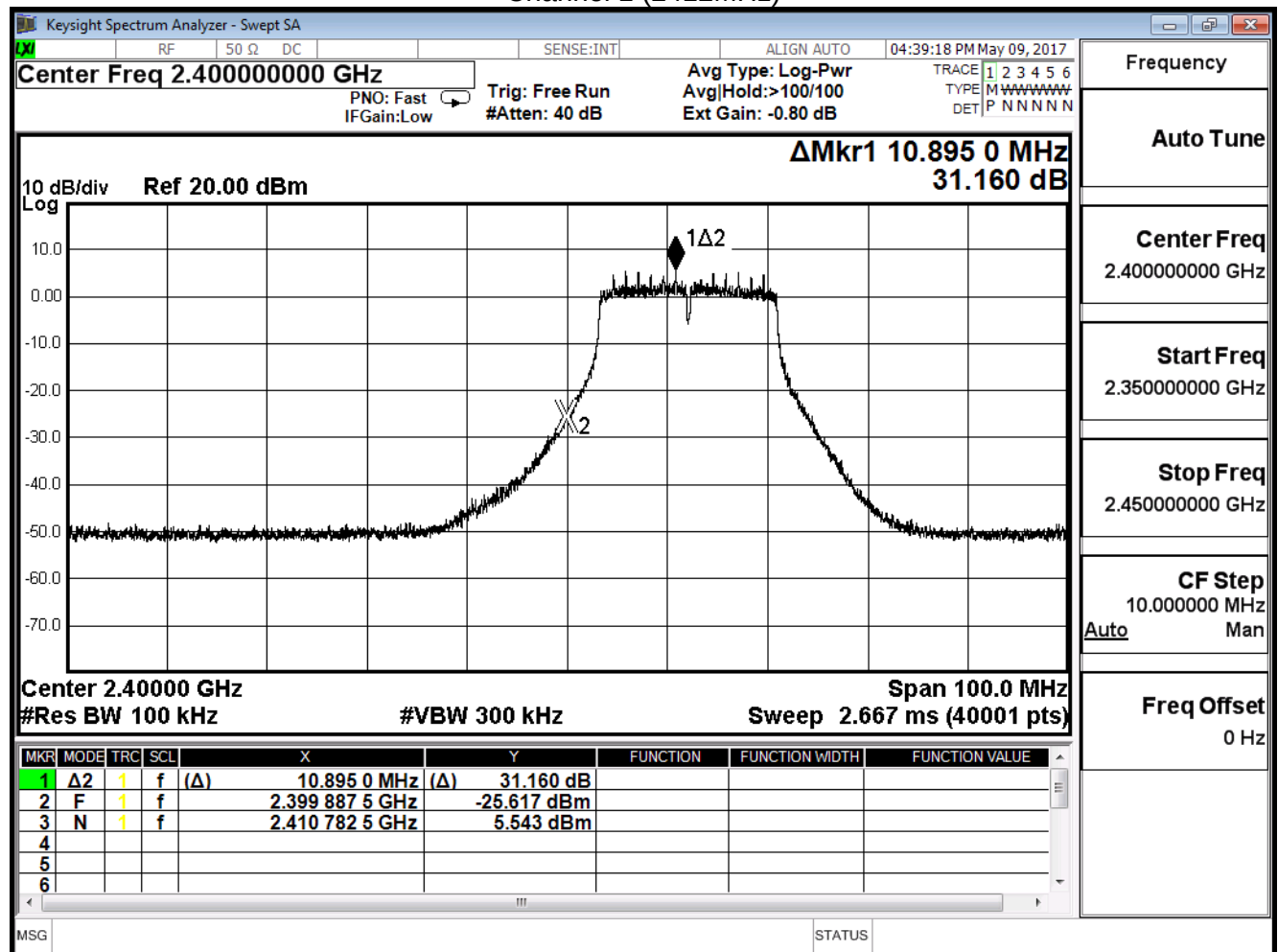


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

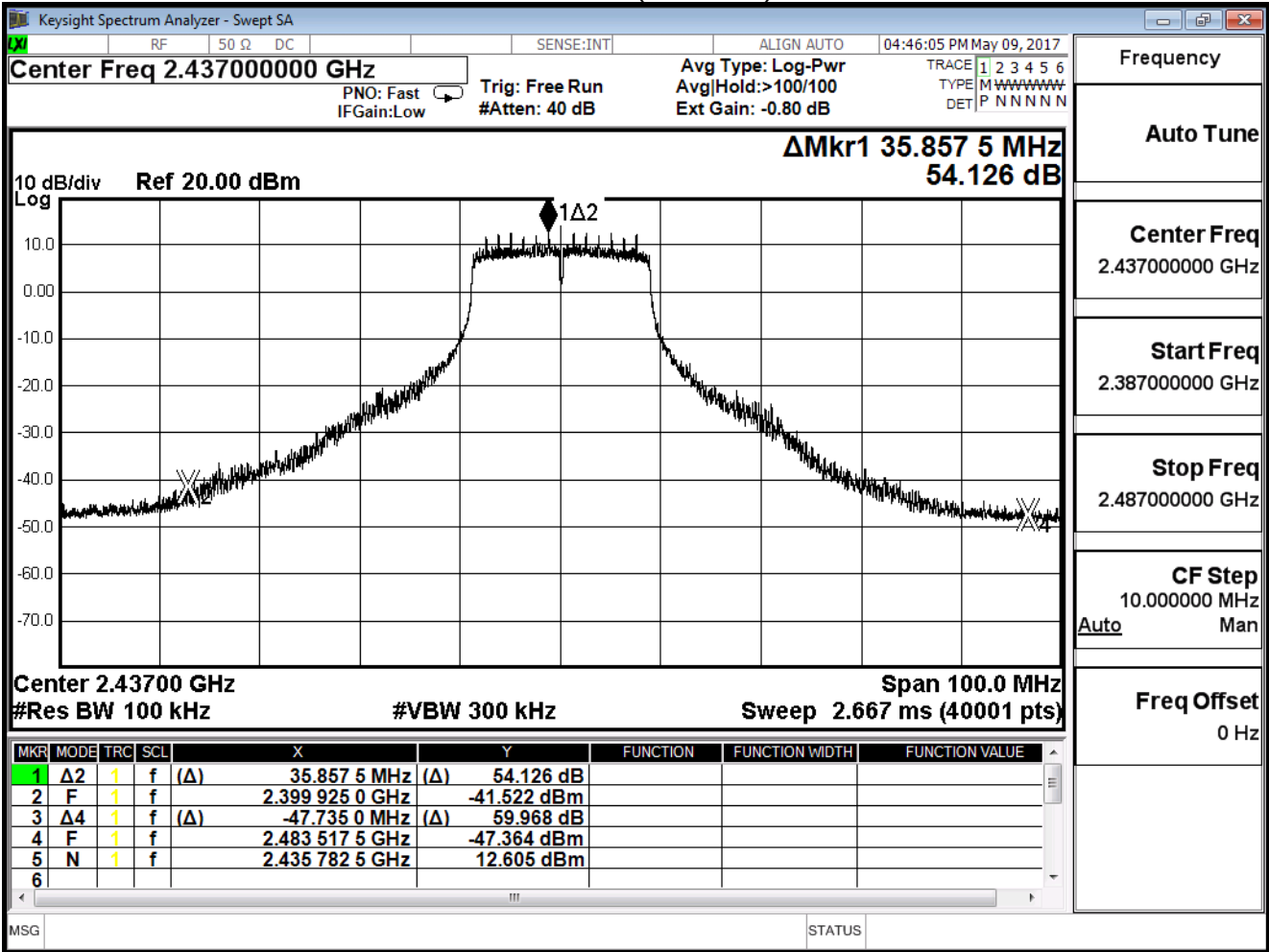
IEEE 802.11n(20MHz) (ANT 1)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.160	≥ 30
6	2437	54.126	≥ 30
11	2462	53.526	≥ 30

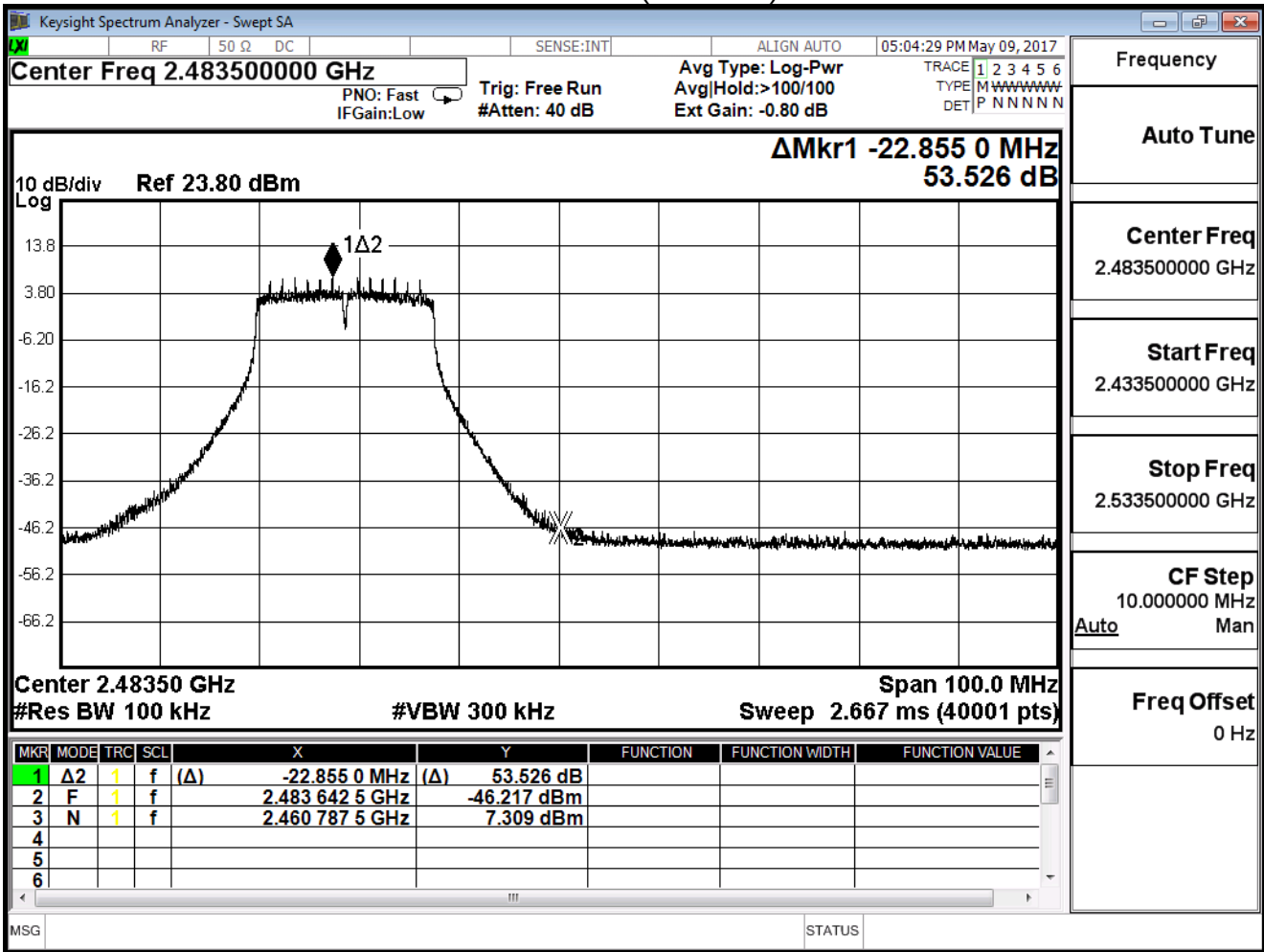
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

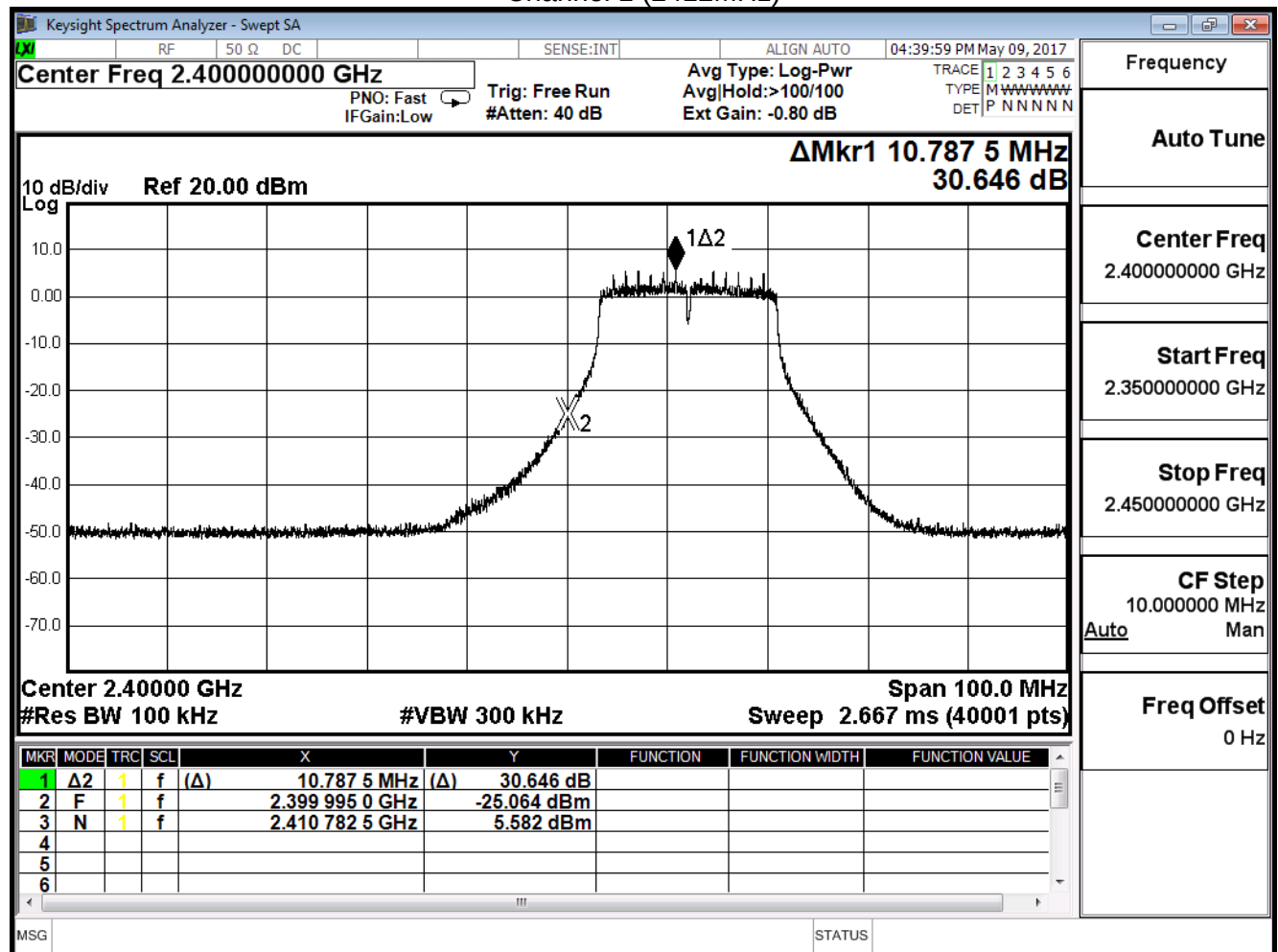


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

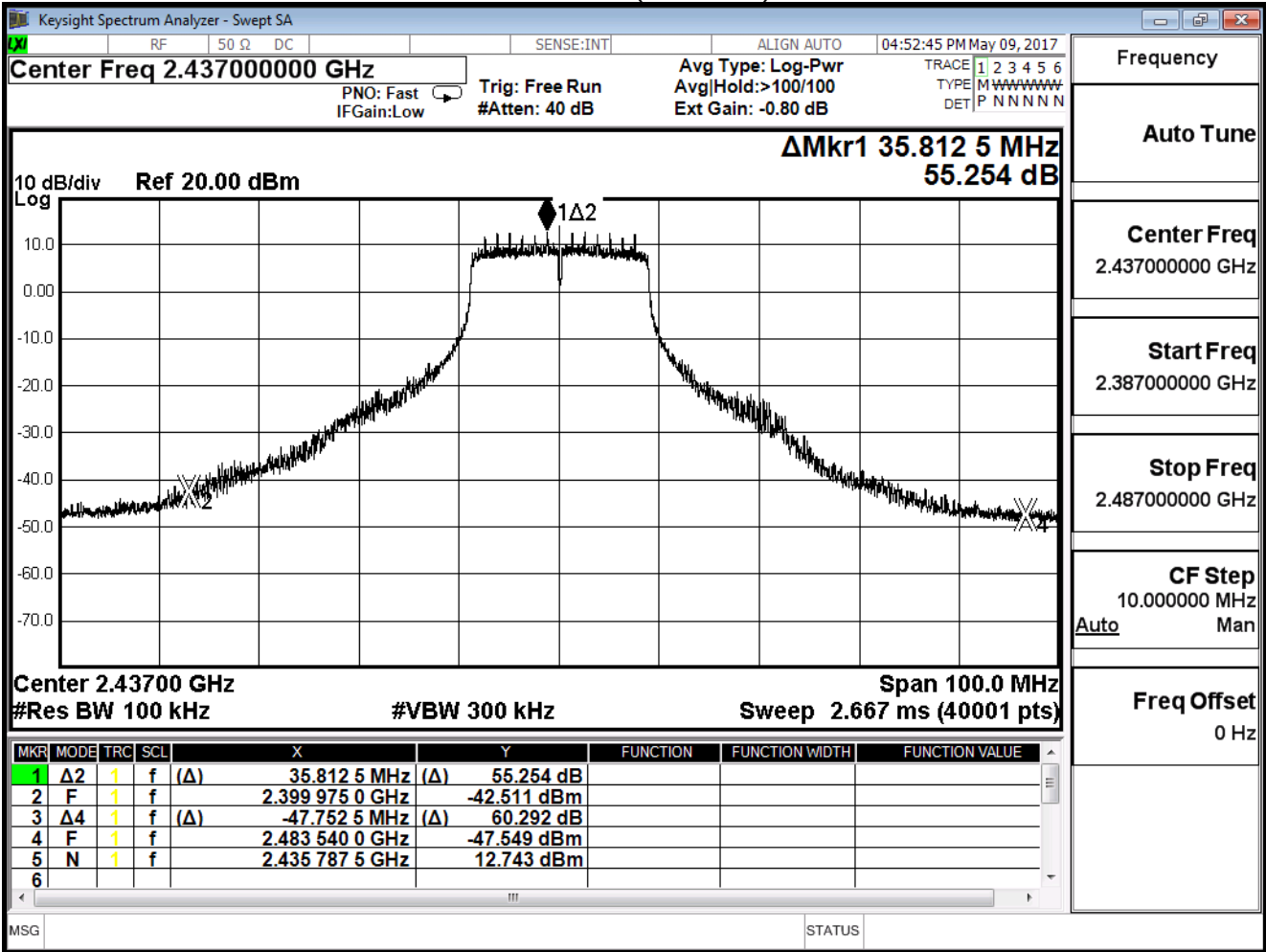
IEEE 802.11n(20MHz) (ANT 2)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	30.646	≥ 30
6	2437	55.254	≥ 30
11	2462	53.917	≥ 30

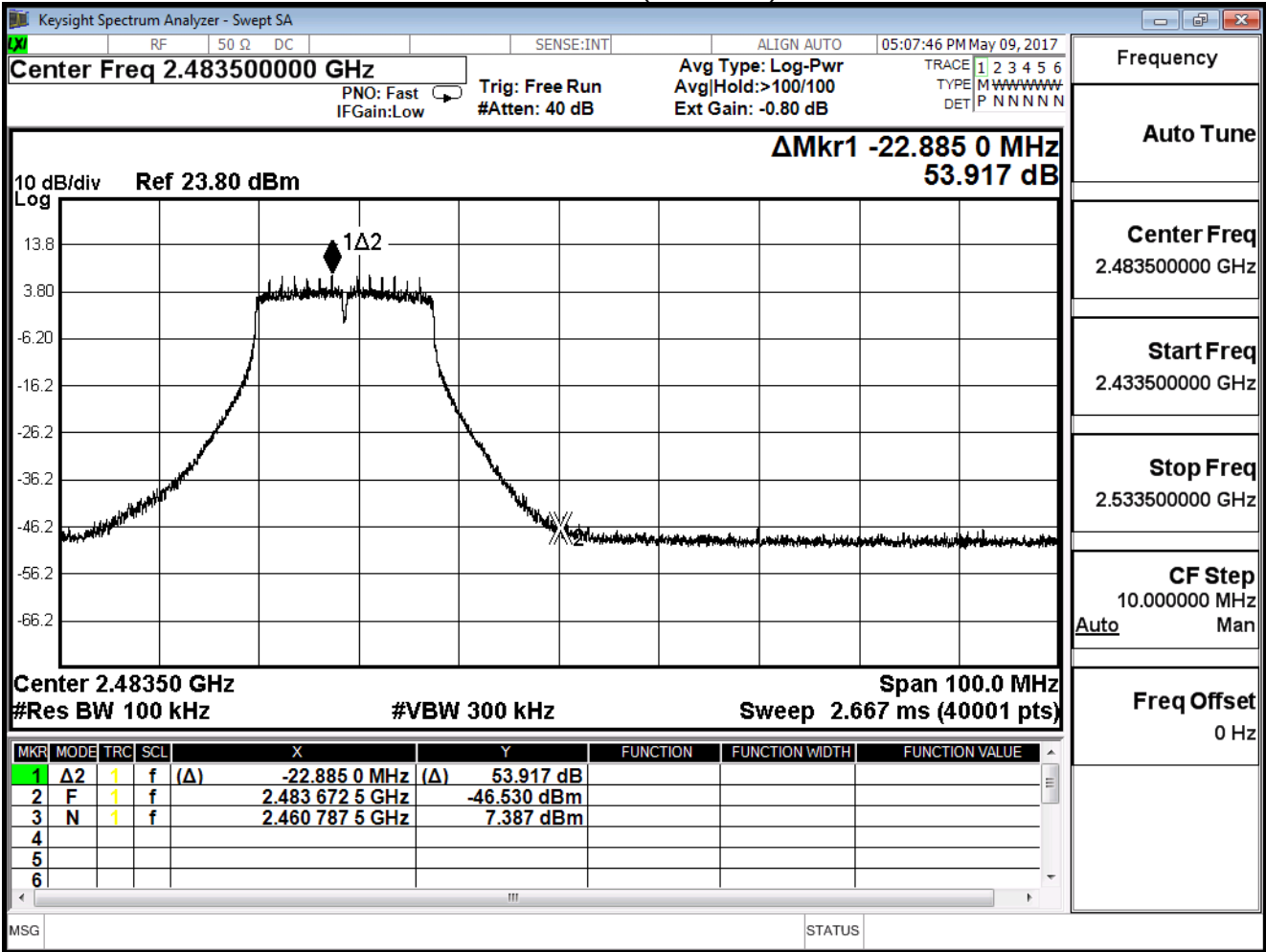
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

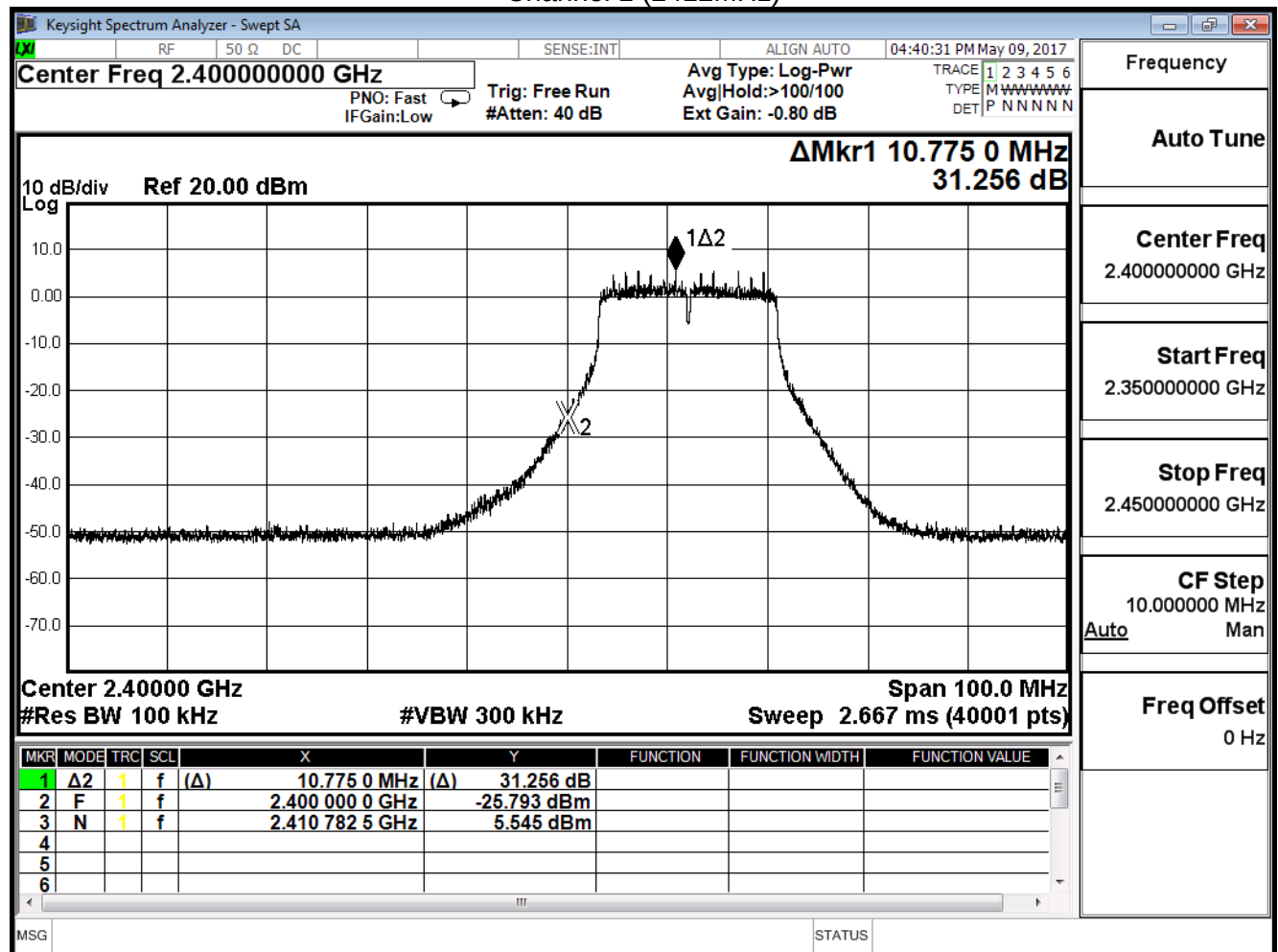


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

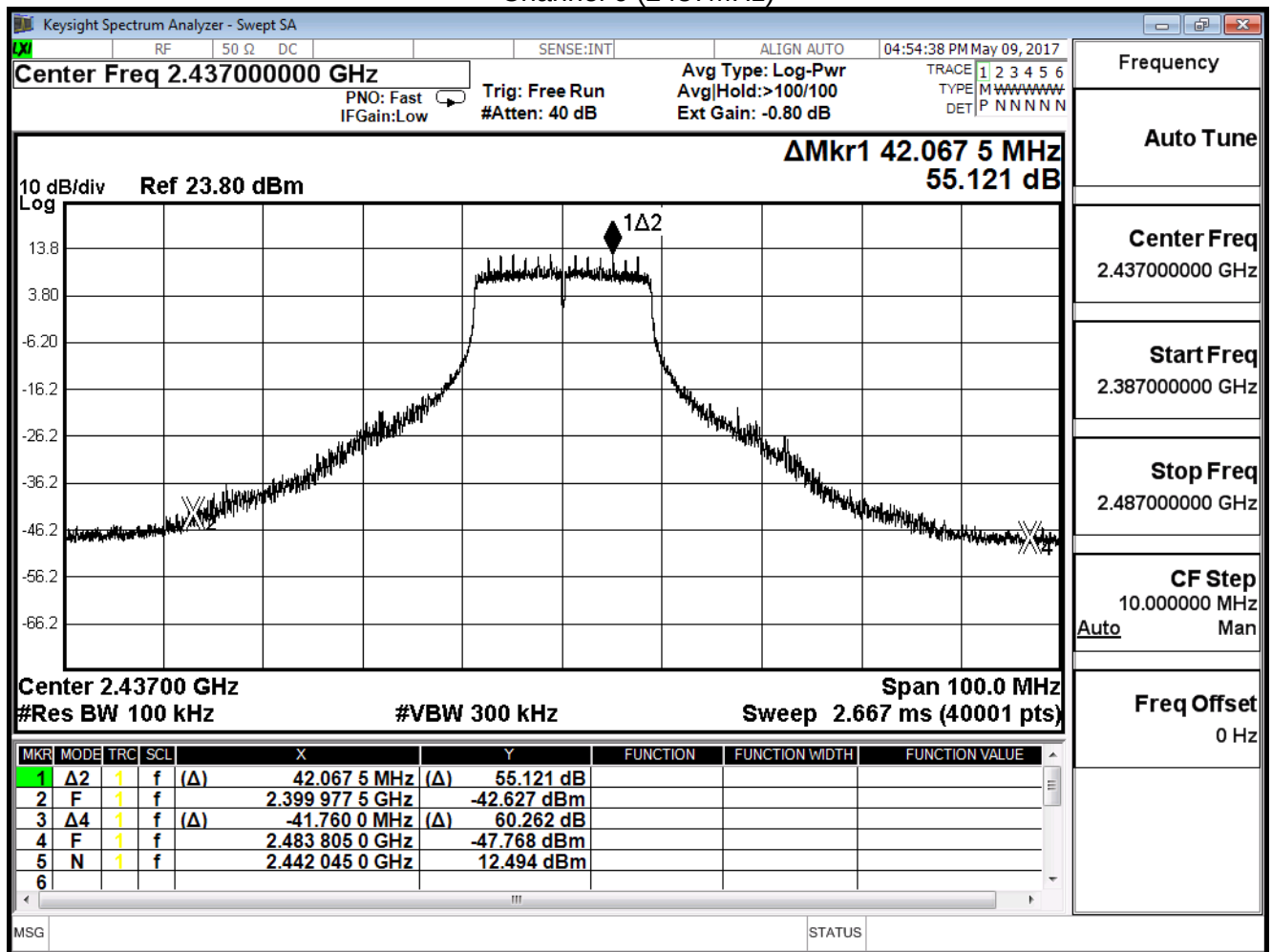
IEEE 802.11n(20MHz) (ANT 3)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	31.256	≥ 30
6	2437	55.121	≥ 30
11	2462	54.248	≥ 30

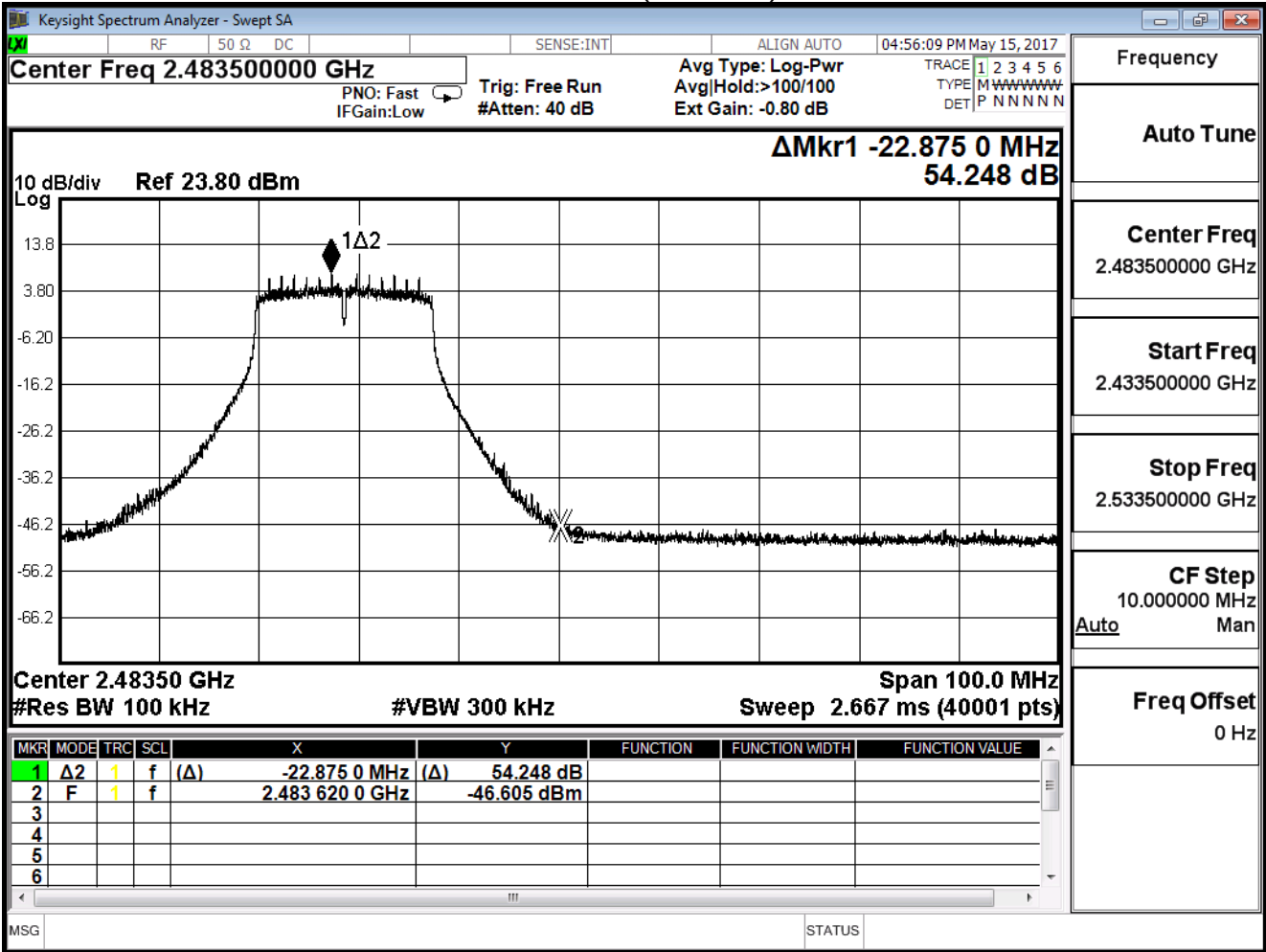
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

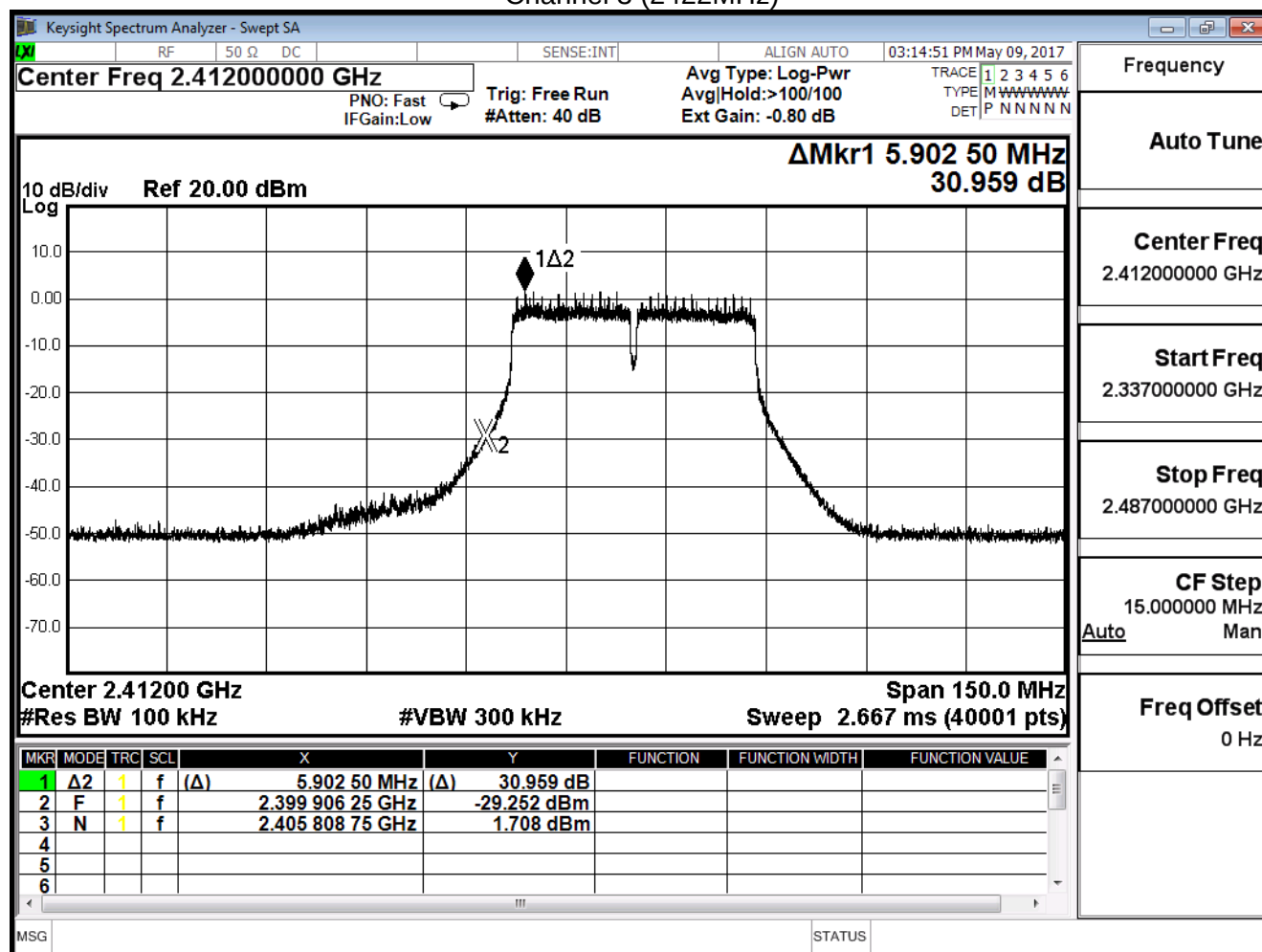


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

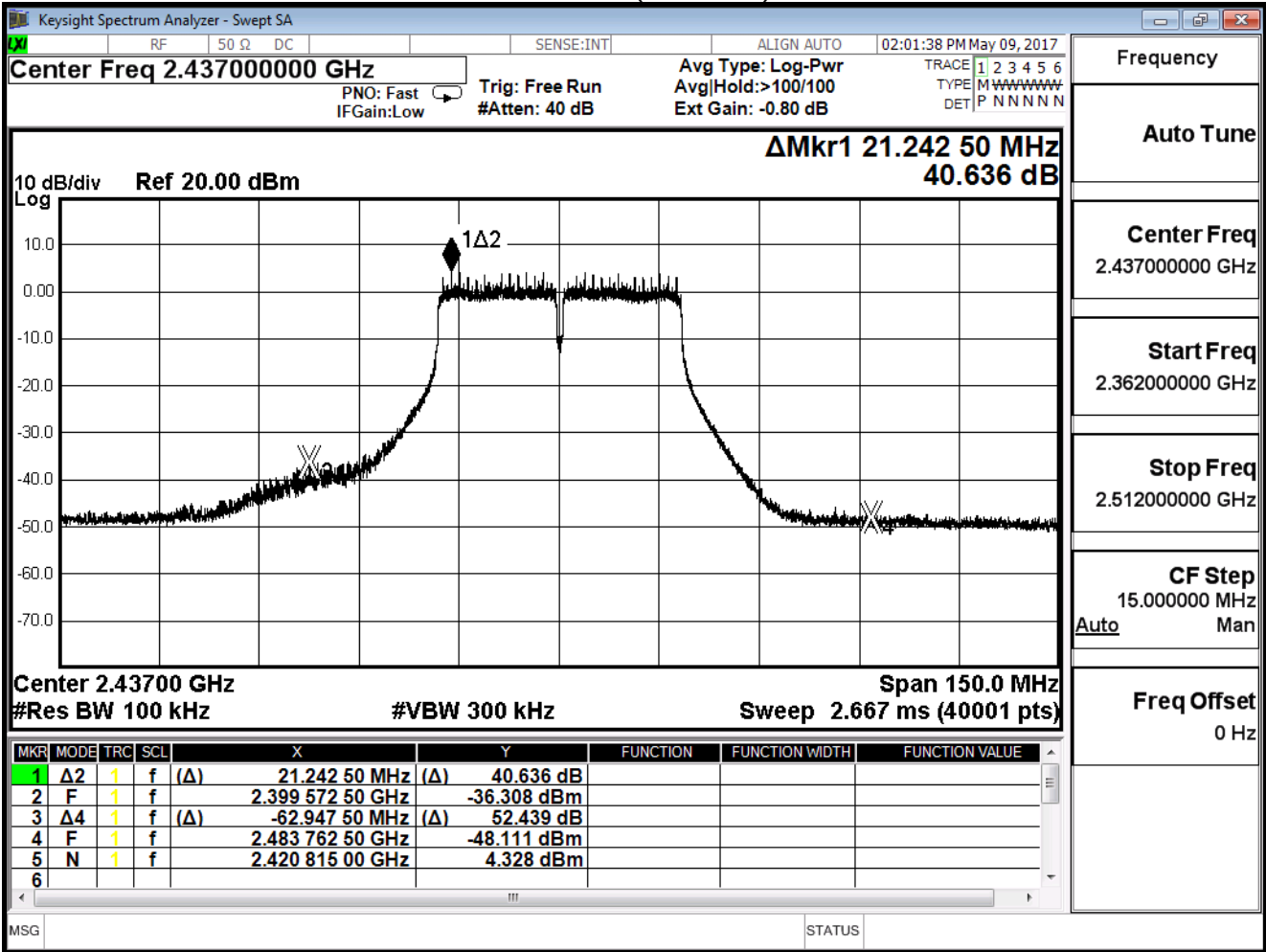
IEEE 802.11n(40MHz) (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
3	2422	30.959	≥ 30
6	2437	40.636	≥ 30
9	2452	49.450	≥ 30

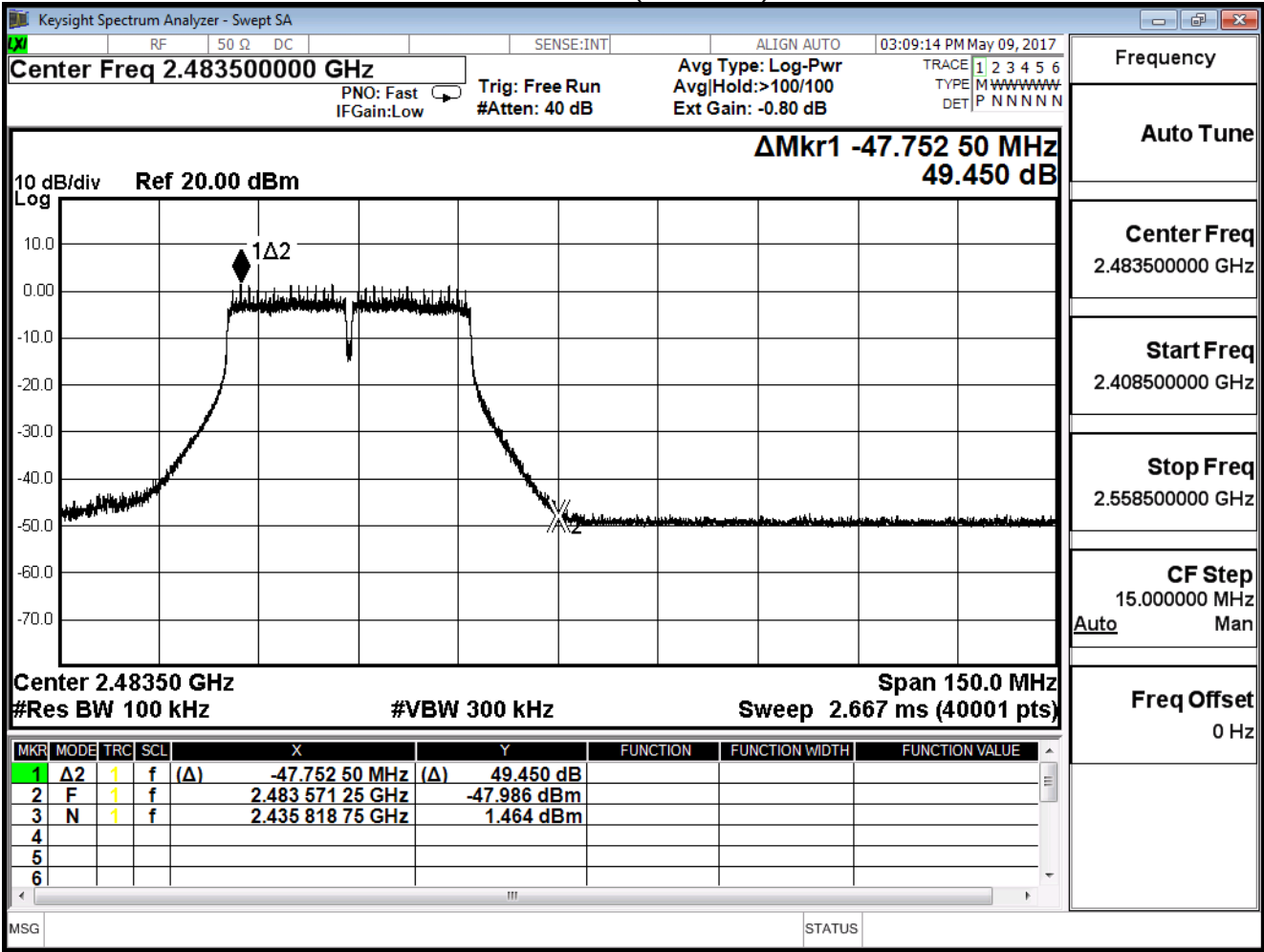
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

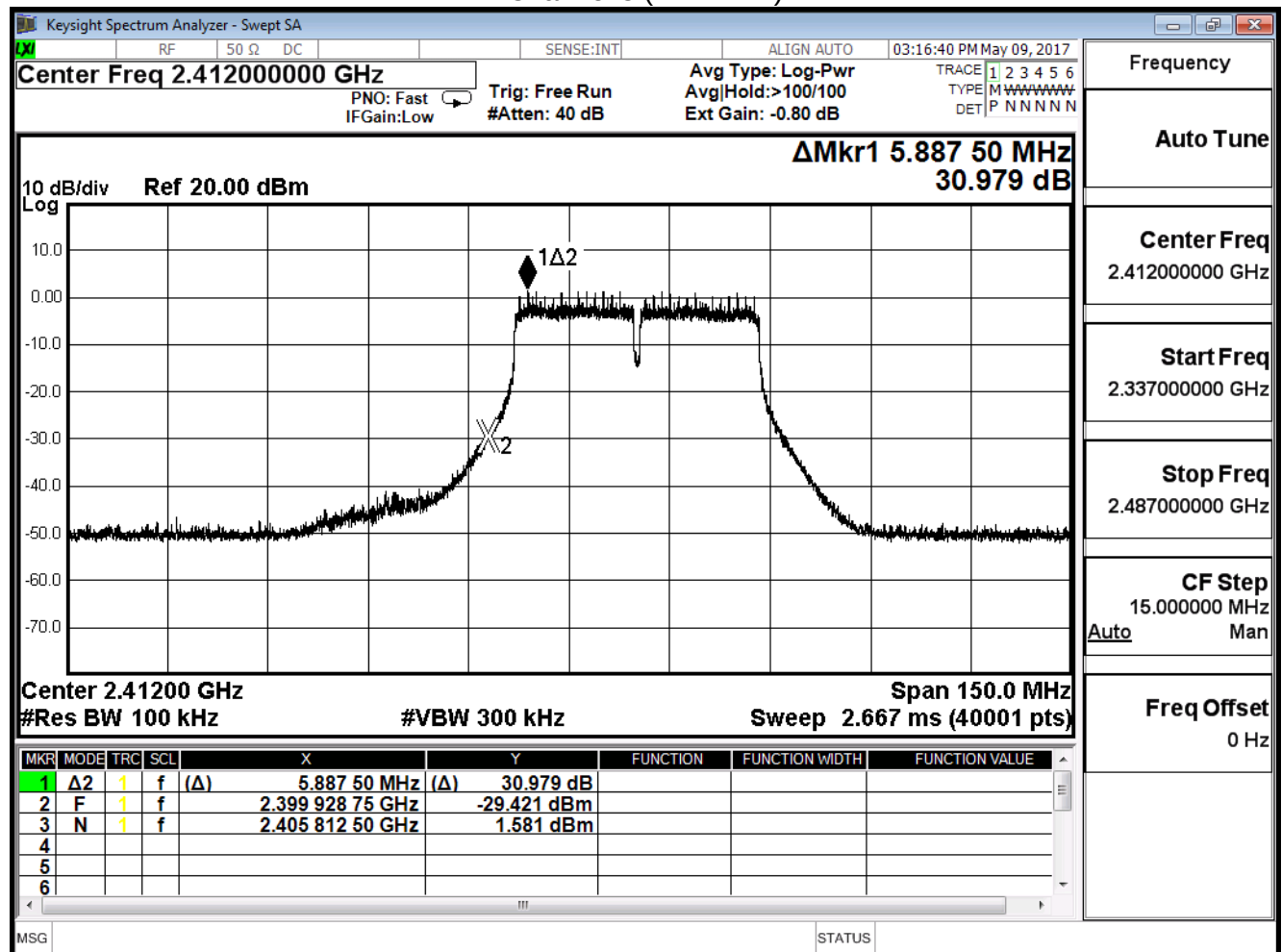


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

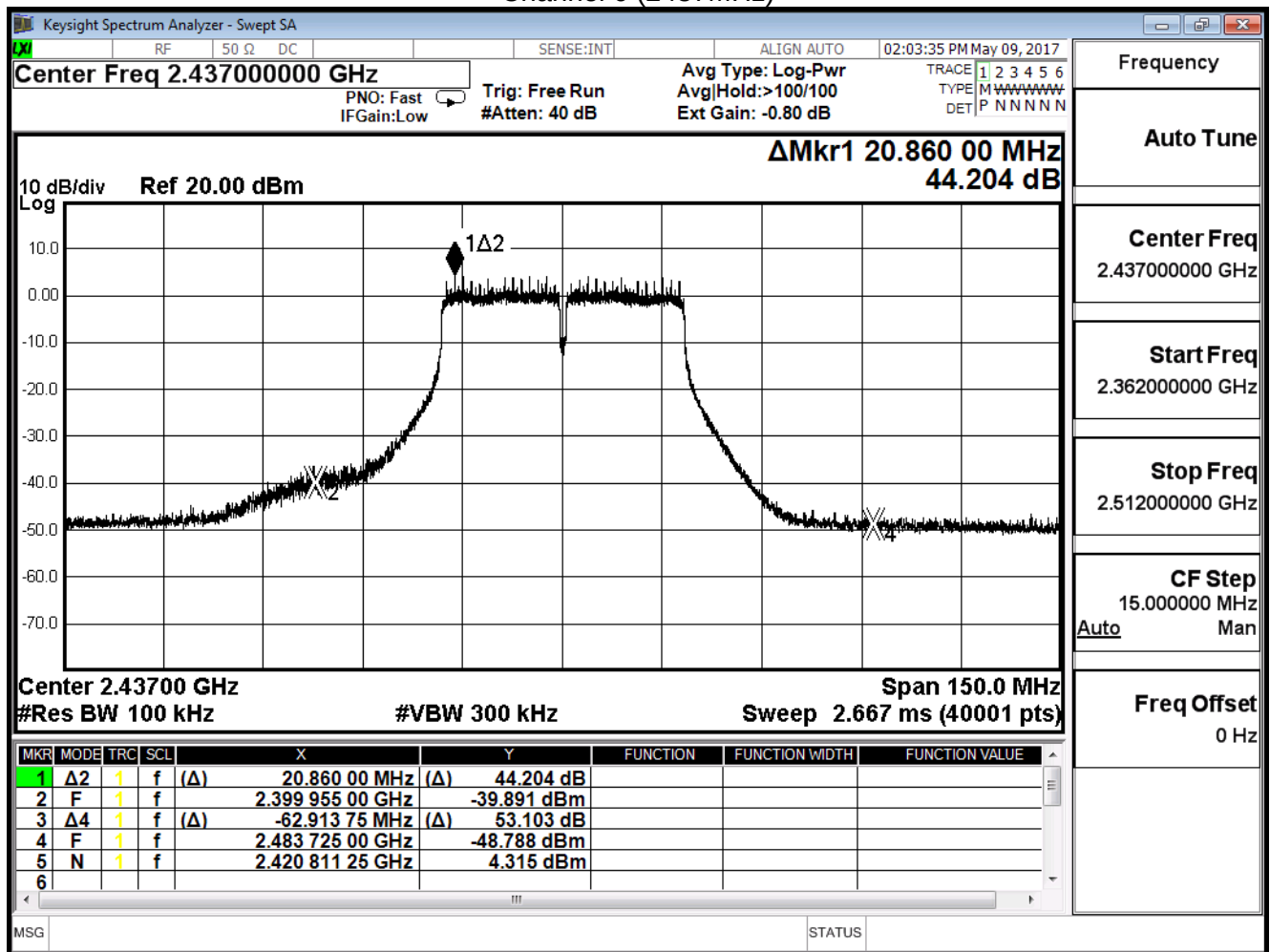
IEEE 802.11n(40MHz) (ANT 1)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
3	2422	30.979	≥ 30
6	2437	44.204	≥ 30
9	2452	48.103	≥ 30

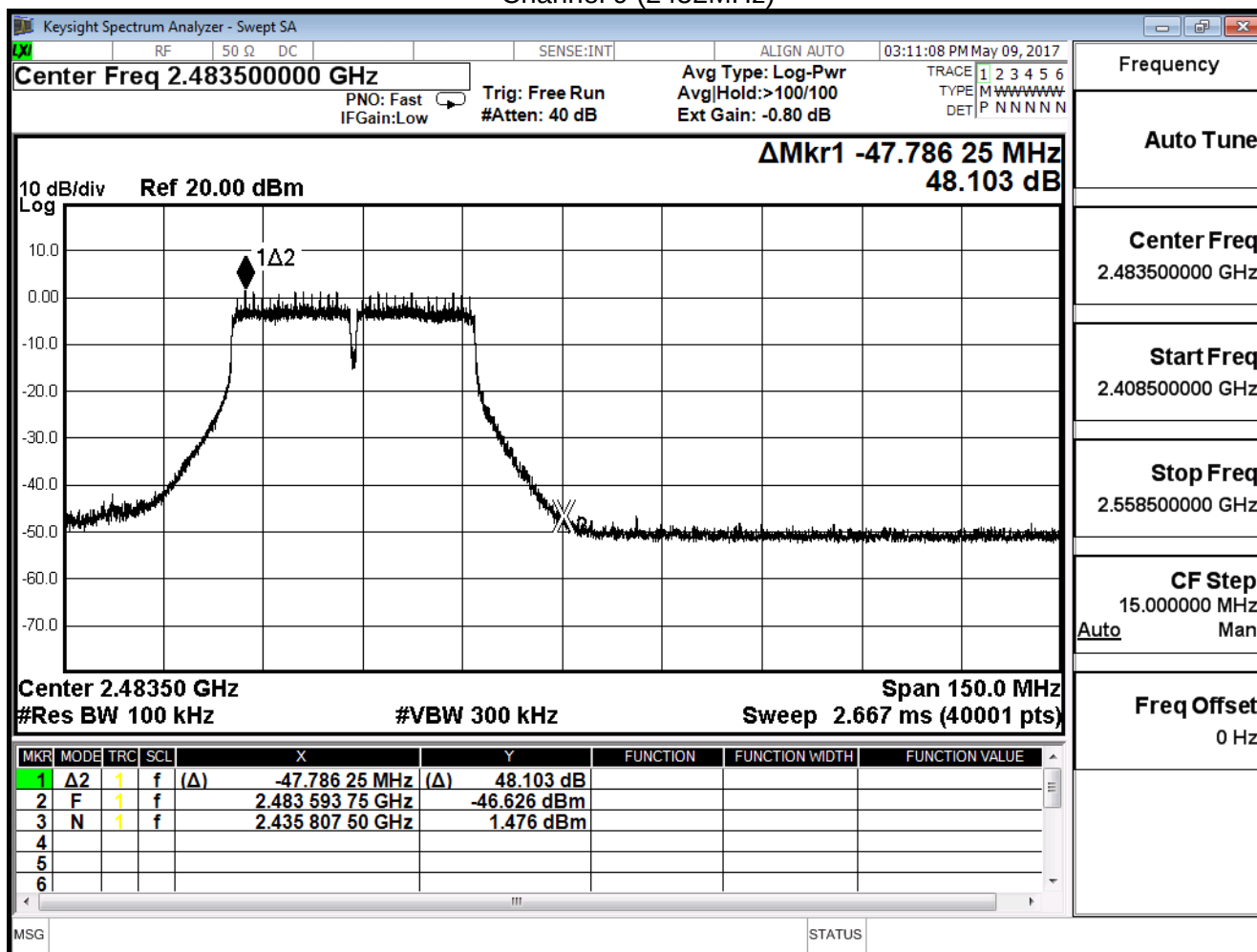
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

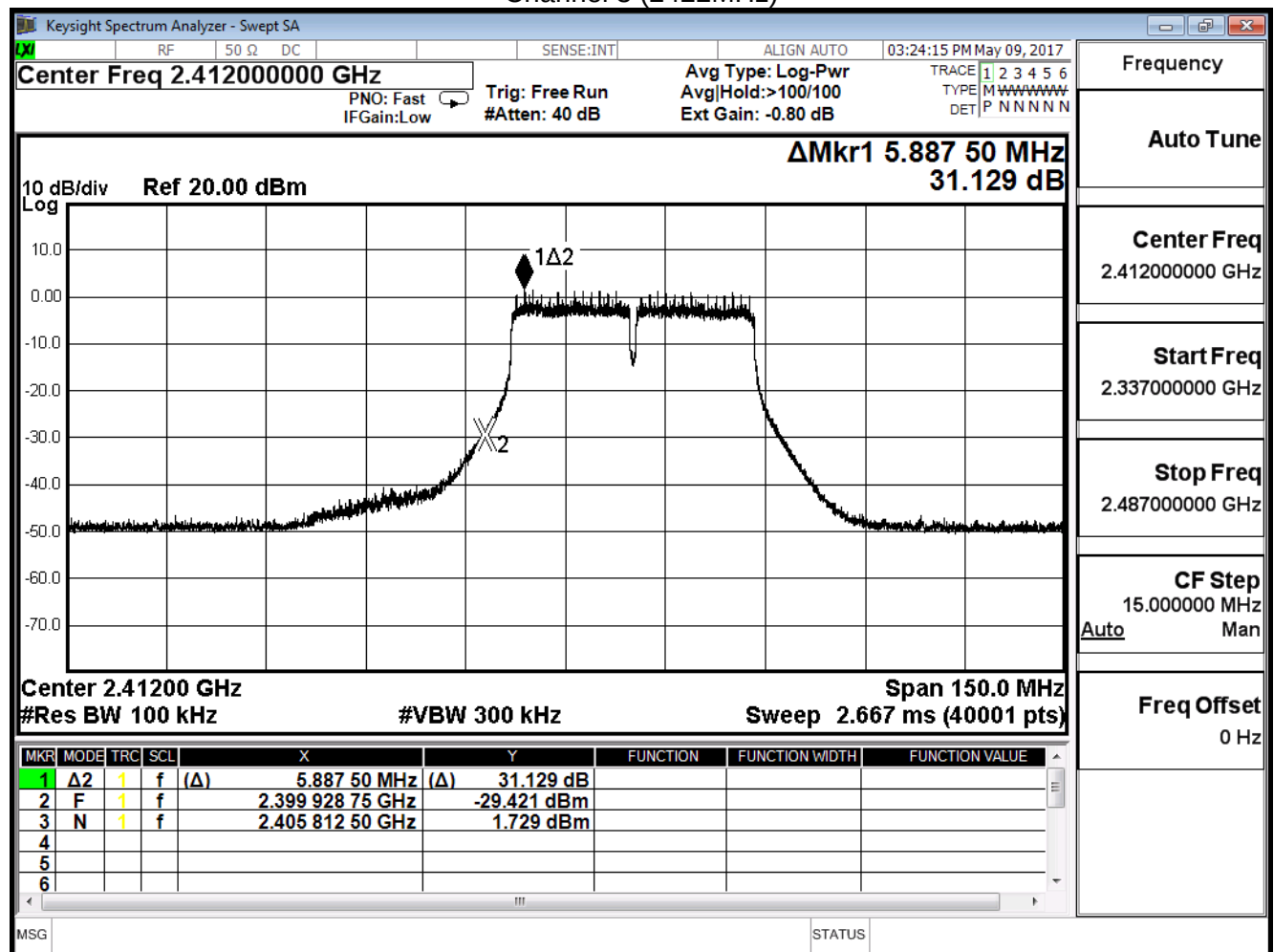


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

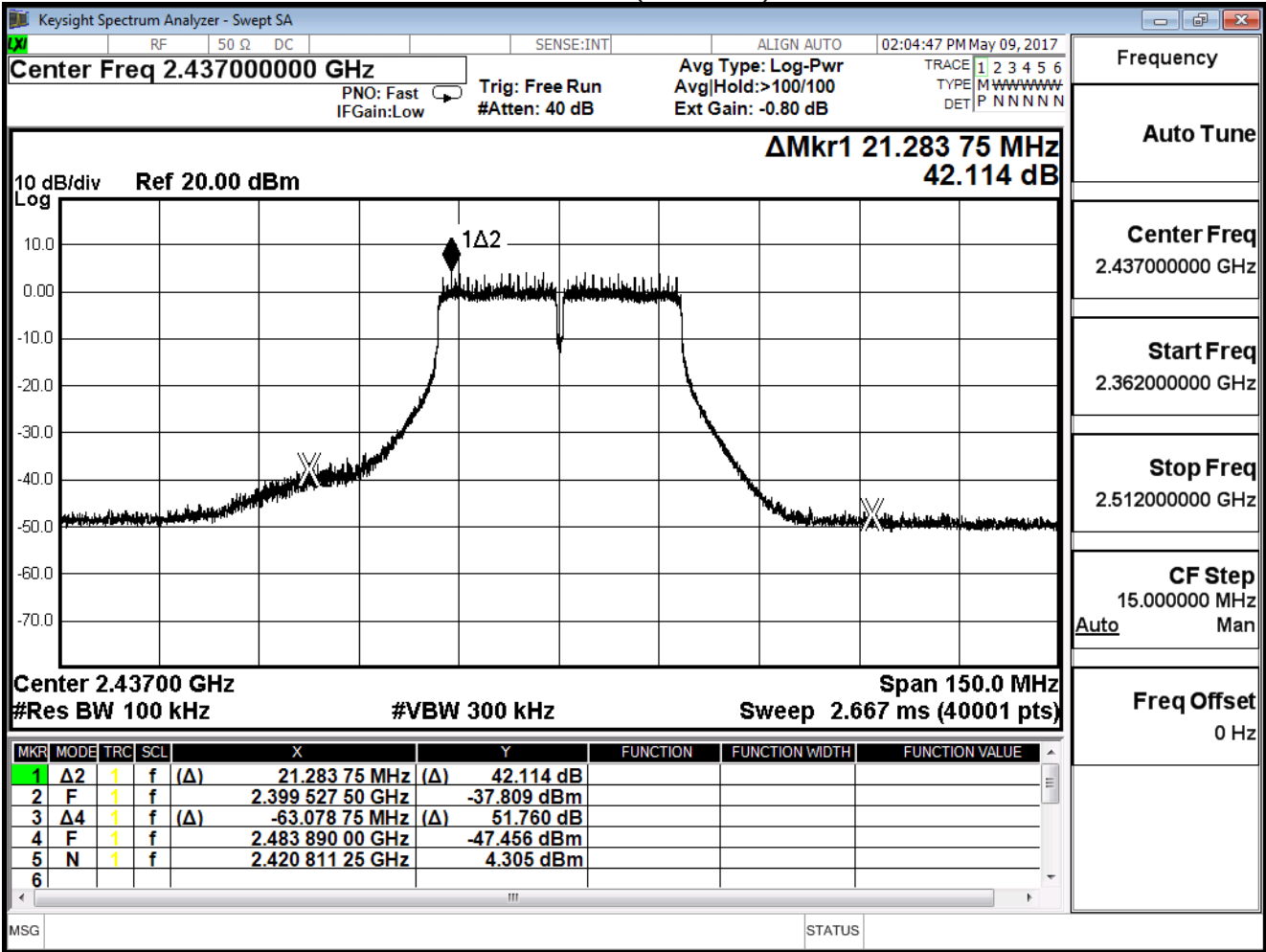
IEEE 802.11n(40MHz) (ANT 2)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
3	2422	31.129	≥ 30
6	2437	42.114	≥ 30
9	2452	48.906	≥ 30

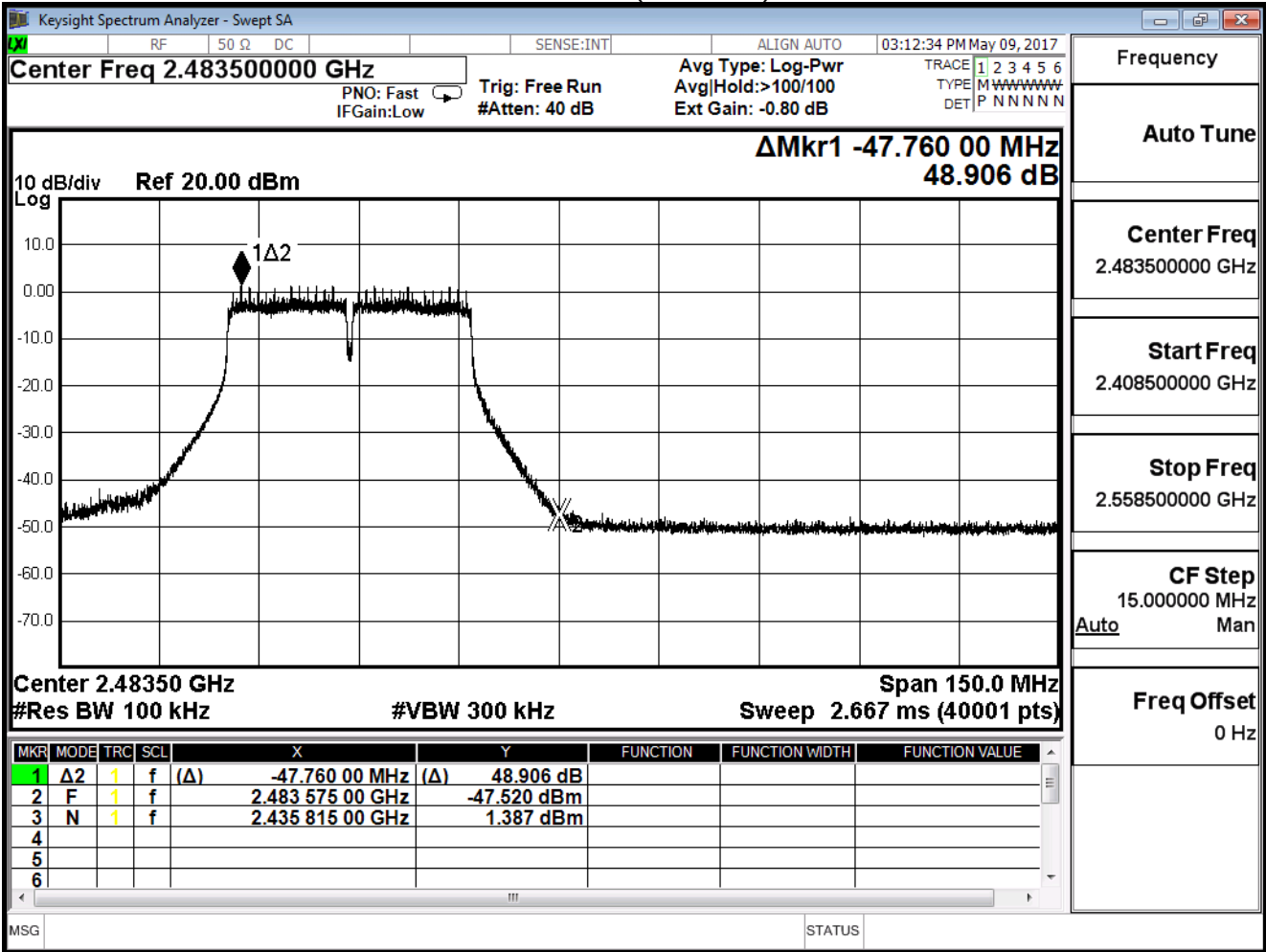
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

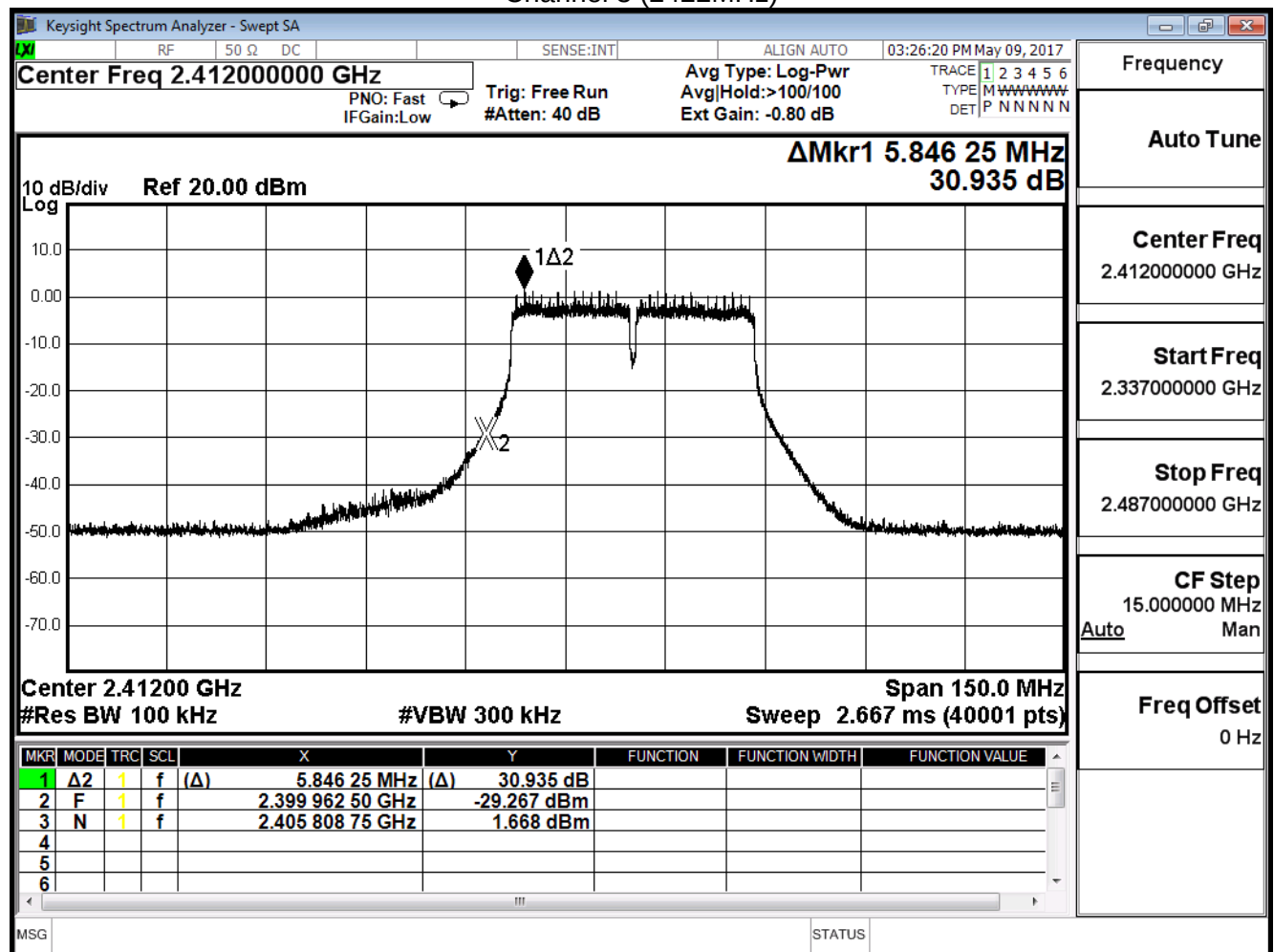


Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 3: TX MIMO _ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

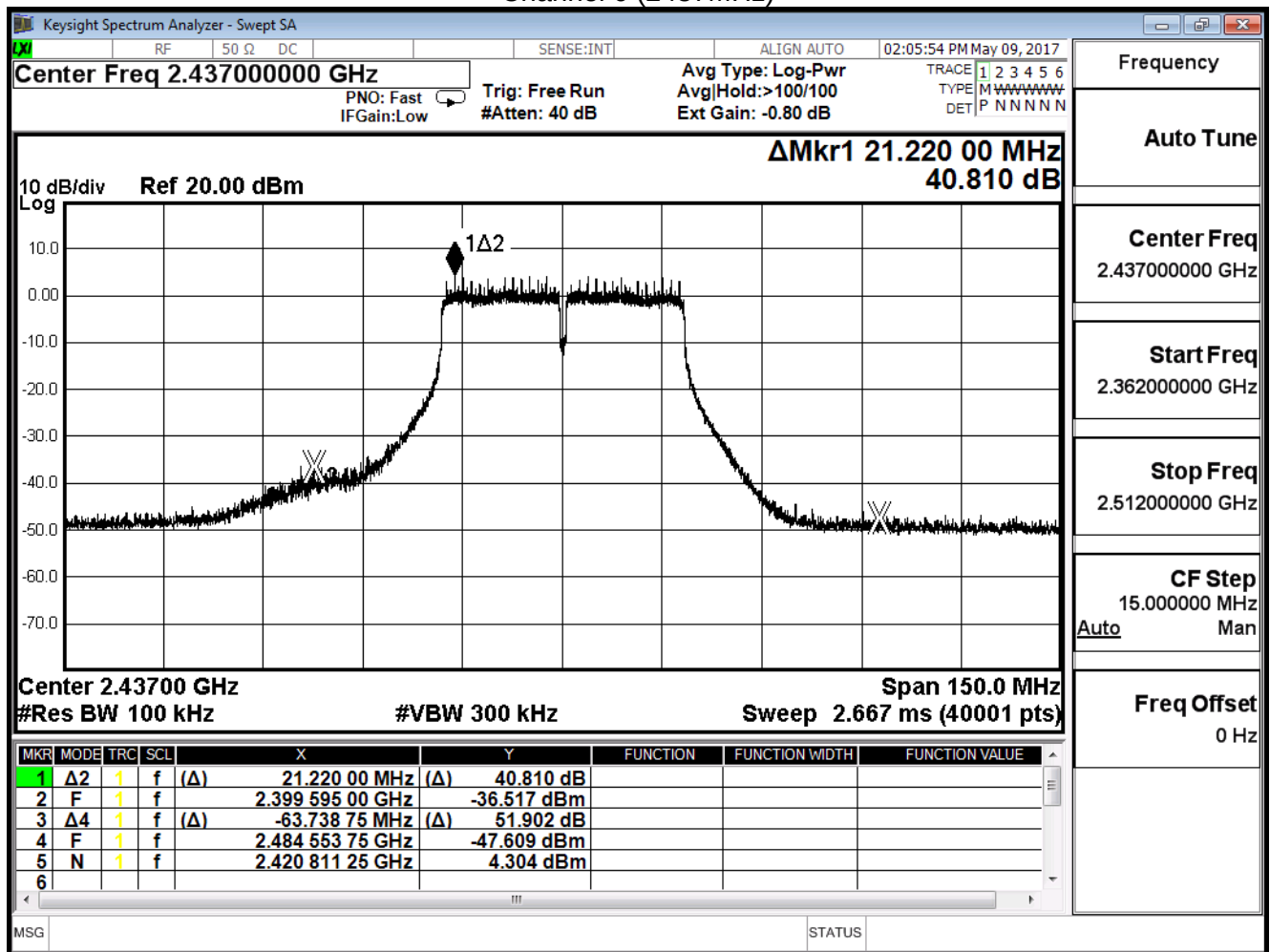
IEEE 802.11n(40MHz) (ANT 3)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
3	2422	30.935	≥ 30
6	2437	40.810	≥ 30
9	2452	48.162	≥ 30

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

