FCC Test Report

Product Name : ROG Rapture GT-AX6000 Dual-band Gaming Router
ROG Rapture GT-AC5400 Dual-band Gaming Router
Trade Name : ASUS
Model No. : GT-AX6000, GT-AC5400
FCC ID. : MSQ-RTAX2E00

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

Date of Receipt : Aug. 09, 2018
Issued Date : Sep. 06, 2018
Report No. : 1880136R-RFUSP26V00
Report Version : V1.0

Testing Laboratory
3024

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Test Report Certification

Issued Date : Sep. 06, 2018
Report No.: 1880136R-RFUSP26V00

Product Name	:	ROG Rapture GT-AX6000 Dual-band Gaming Router ROG Rapture GT-AC5400 Dual-band Gaming Router
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	:	ASUSTeK COMPUTER INC.
Model No.	:	GT-AX6000, GT-AC5400
FCC ID.	:	MSQ-RTAX2E00
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: 2017 ANSI C63.10: 2013 KDB 558074 D01 V04 / KDB 662911 D01 V02r01
Laboratory Name	:	Hsin Chu Laboratory
Address	:	No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan, R.O.C. TEL: +886-3-582-8001 / FAX: +886-3-582-8958
Test Result	:	Complied

Documented By :

(Demi Chang / Senior Engineering Adm. Specialist)

Tested By :

(Elwin Lin / Engineer)

Approved By :

(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1880136R-RFUSP26V00	V1.0	Initial issue of report	Sep. 06, 2018

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1. General Information

1.1. EUT Description

Product Name	ROG Rapture GT-AX6000 Dual-band Gaming Router ROG Rapture GT-AC5400 Dual-band Gaming Router	
Trade Name	ASUS	
Model No.	GT-AX6000, GT-AC5400	
Frequency Range/ Channel Number	IEEE 802.11b/g IEEE 802.11n/ac/ax (20MHz)	2412~2462MHz / 11 Channels
	IEEE 802.11n/ac/ax (40MHz)	2422~2452MHz / 7 Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n/ac/ax	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 12, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
	IEEE 802.11ac	Support a subset of the combination of GI, MCS 0~MCS 11 and bandwidth defined in 802.11ac
	IEEE 802.11ax	Support a subset of the combination of GI, MCS 0~MCS 11 and bandwidth defined in 802.11ax

Antenna Information	
Antenna Type	Dipole Antenna
Effective directiona Antenna 1 Gain	ANT 0: 1.9dBi (2.4G) ANT 1: 1.2dBi (2.4G) ANT 2: 2.2dBi (2.4G) ANT 7: 1.9dBi (2.4G)

Accessories Information	
Power Adapter	ASUS, ADP-65DW Y I/P : 100-240V~50-60Hz 1.5A O/P : 19V⎓3.4ΩV Cable Out: Non-Shielded, 2m
Power Adapter	ASUS, ADP-65DW B I/P : 100-240V~50-60Hz 1.5A O/P : 19V⎓3.4ΩV Cable Out: Non-Shielded, 2m
Antenna 1	9 Pcs

Antenna List	Brand Name	Part Number	Gain
Ant 0	Whayu	C660-510433-A	1.9 dBi (2.4G) 1.9 dBi (5G)
Ant 1	Whayu	C660-510434-A	1.2 dBi (2.4G) 2.7 dBi (5G)
Ant 2	Whayu	C660-510435-A	2.2 dBi (2.4G) 2.5 dBi (5G)
Ant 3	Whayu	C660-510436-A	2.3 dBi (5G)
Ant 4	Whayu	C660-510437-A	2.5 dBi (5G)
Ant 5	Whayu	C660-510438-A	1.6 dBi (5G)
Ant 6	Whayu	C660-510439-A	1.8 dBi (5G)
Ant 7	Whayu	C660-510440-A	1.9 dBi (2.4G)
Ant 8	Whayu	C660-510441-A	3.3 dBi (5G)

Antenna 2

9 Pcs

Antenna List	Brand Name	Part Number	Gain
Ant 0	Walsin	RFDPA163312IMLB701	1.75 dBi (2.4G) 1.70 dBi (5G)
Ant 1	Walsin	RFDPA163306IMLB701	1.01 dBi (2.4G) 2.70 dBi (5G)
Ant 2	Walsin	RFDPA163304IMLB701	2.12 dBi (2.4G) 2.03 dBi (5G)
Ant 3	Walsin	RFDPA163305IM5B701	2.25 dBi (5G)
Ant 4	Walsin	RFDPA163308IM5B701	2.34 dBi (5G)
Ant 5	Walsin	RFDPA163314IM5B701	1.55 dBi (5G)
Ant 6	Walsin	RFDPA163319IM5B701	1.80 dBi (5G)
Ant 7	Walsin	RFDPA163311IMAB701	1.89 dBi (2.4G)
Ant 8	Walsin	RFMTA181703IM5B701	3.22 dBi (5G)

ANT-TX / RX & Bandwidth

ANT-TX / RX	TX			RX		
Mode/ Channel Bandwidth	20MHz	40MHz	80MHz	20MHz	40MHz	80MHz
IEEE802.11b	✓			✓		
IEEE802.11g	✓			✓		
IEEE802.11n	✓	✓		✓	✓	
IEEE802.11ac	✓	✓		✓	✓	
IEEE802.11ax	✓	✓		✓	✓	

IEEE 802.11b/g/n/ac/ax (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/ac/ax (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 including 2.4GHz b/g/n/ac/ax and 5GHz a/n/ac/ax transmitting and receiving functions.
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. These model names have following difference:

Equipment Name	ROG Rapture GT-AX6000 Dual-band Gaming Router	ROG Rapture GT-AC5400 Dual-band Gaming Router
Model Name	GT-AX6000	GT-AC5400
HW Difference	1. 10G fiber(SFP+ port) 2. 10G copper(RJ45 port)	1. 10G fiber(SFP+ port)

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.

Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y Mode 2: Transmit_CDD_ADP-65DW B Mode 3: Transmit_BF_ADP-65DW Y

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

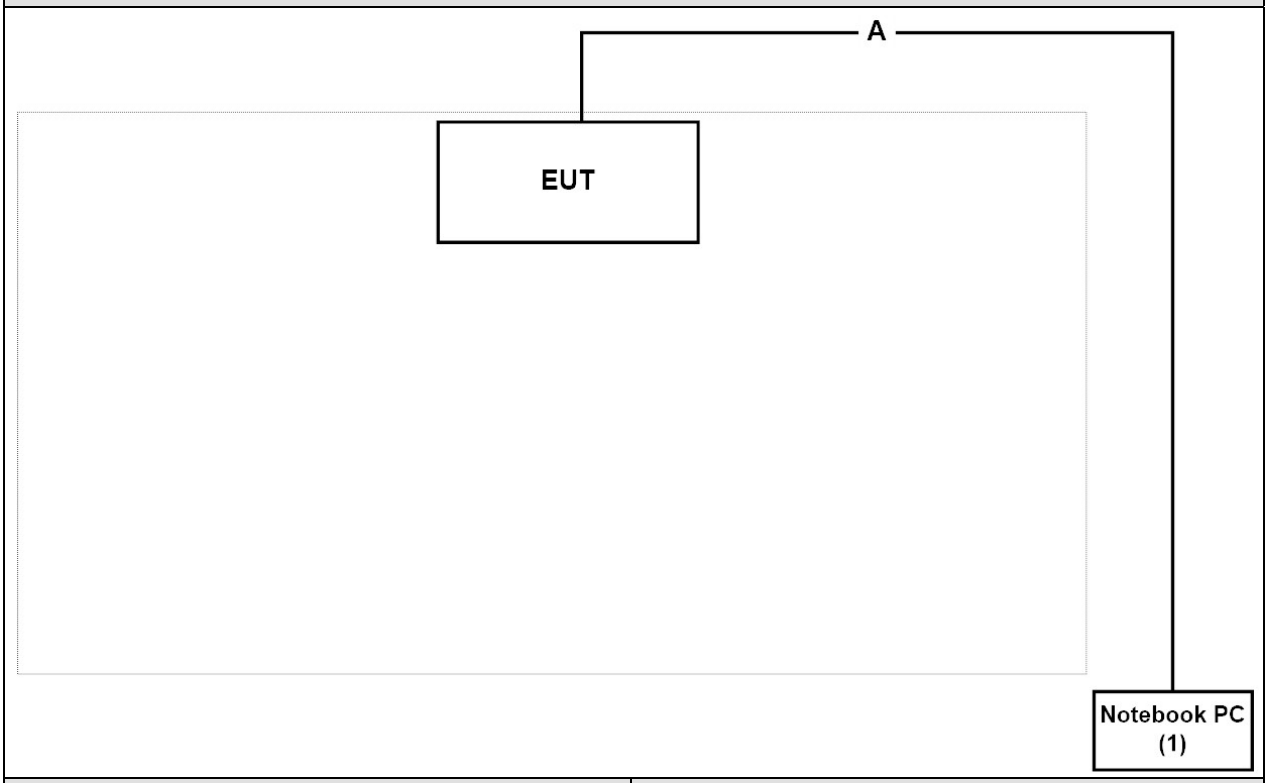
1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	DELL	Precision M65	28G9NIS	DoC	Non-Shielded, 1.8m

1.4. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 2m

1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the Control program “QSPR” on the laptop.
3	Configure the test mode, the test channel, and the data rate.
4	Make the EUT 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 Maximum peak conducted output power	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	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission 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.

Laboratory Information

USA	:	**FCC Registration Number: TW3024**
Canada		**IC Registration Number: 22397-1 / 22397-2 / 22397-3**

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/english/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http://www.dekra.com.tw/index_en.aspx

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

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1.7. List of Test Equipment

Conducted Emission / SR2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2018/01/22	2019/01/21
Test Receiver	R&S	ESCS 30	836858/022	2018/03/30	2019/03/29
LISN	R&S	ENV216	100092	2018/07/23	2019/07/22

Maximum peak conducted output power / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

Radiated Emission / CB2-H, CB4-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2017/11/21	2018/11/20
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Bilog Antenna	Teseq	CBL6112D	23191	2018/06/26	2019/06/25
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2018/06/01	2019/05/31
Horn Antenna	Schwarzbeck	BBHA 9170	202	2018/01/31	2019/01/30
Pre-Amplifier	Dekra	AP-025C	201801236	2018/02/26	2019/02/25
Pre-Amplifier	EMCI	EMC11830I	980366	2018/01/08	2019/01/07
Pre-Amplifier	Dekra	AP-400C	201801231	2017/12/13	2018/12/12
Band Reject Filter	Micro-Tronics	BRM50702	G192	2018/04/11	2019/04/10
Band Reject Filter	Micro-Tronics	BRM50716	G089	2018/04/11	2019/04/10
Cable	Suhner	SF104_SF104_SF104_SF104	A211	2018/08/28	2019/08/27
Cable	Suhner	SF104_SF104_SF104_SF102	A219	2018/08/15	2019/08/14
Mangnetic Loop Antenna	Teseq	HLA6121	44287	2017/10/13	2018/10/12

RF antenna conducted test / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

Radiated Emission Band Edge / CB2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2017/11/21	2018/11/20
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Bilog Antenna	Teseq	CBL6112D	23191	2018/06/26	2019/06/25
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2018/06/01	2019/05/31
Horn Antenna	Schwarzbeck	BBHA 9170	202	2018/01/31	2019/01/30
Pre-Amplifier	Dekra	AP-025C	201801236	2018/02/26	2019/02/25
Pre-Amplifier	EMCI	EMC11830I	980366	2018/01/08	2019/01/07
Pre-Amplifier	Dekra	AP-400C	201801231	2017/12/13	2018/12/12
Cable	Suhner	SF104_SF104_SF104_SF104	A211	2018/08/28	2019/08/27
Cable	Suhner	SF104_SF104_SF104_SF102	A219	2018/08/15	2019/08/14

Occupied Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

DTS Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

Power Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2018/06/26	2019/06/25
Spectrum Analyzer	Keysight	N9010B	MY57110159	2018/05/25	2019/05/24
Spectrum Analyzer	Agilent	N9010A	US47140172	2018/07/18	2019/07/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

1.8. Duty Cycle

CDD Mode

2.4GHz non-BF mode						
Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor(dB) linear voltage	Duty Factor(dB) Power	1/T Minimum VBW (kHz)
11b	12.620	12.820	98.44%	0.136573	0.07	0.010
11g	2.085	2.215	94.13%	0.525353	0.26	0.480
VHT20	5.410	5.645	95.84%	0.369334	0.18	0.185
VHT40	5.390	5.635	95.65%	0.386103	0.19	0.186
AX HE20	5.390	5.650	95.40%	0.409194	0.20	0.186
AX HE40	5.400	5.660	95.41%	0.408453	0.20	0.185

Note:

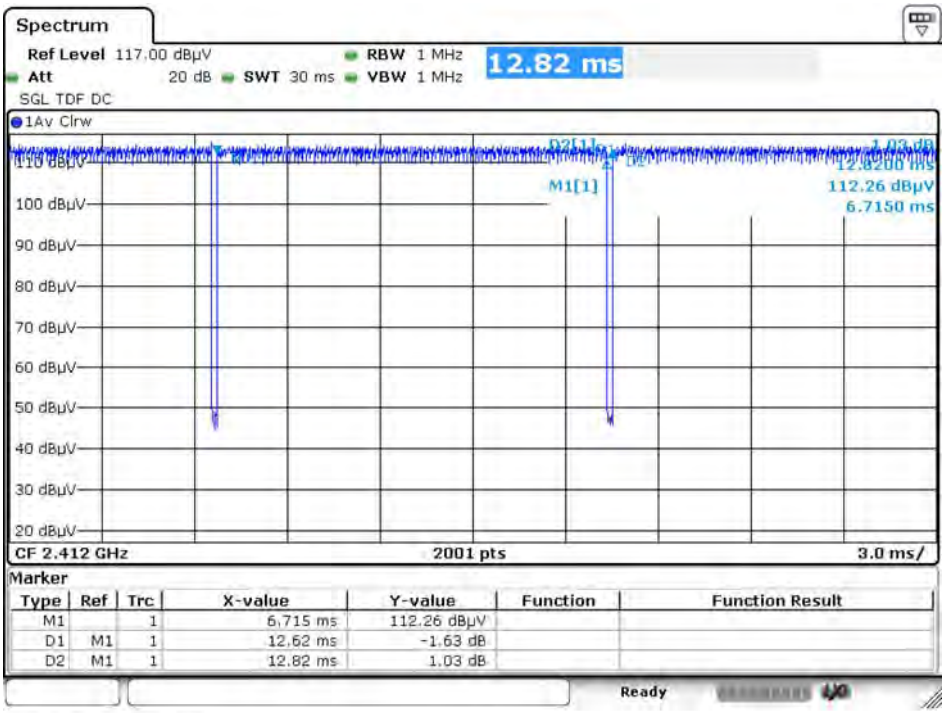
Offset = 20 log(1/duty cycle)

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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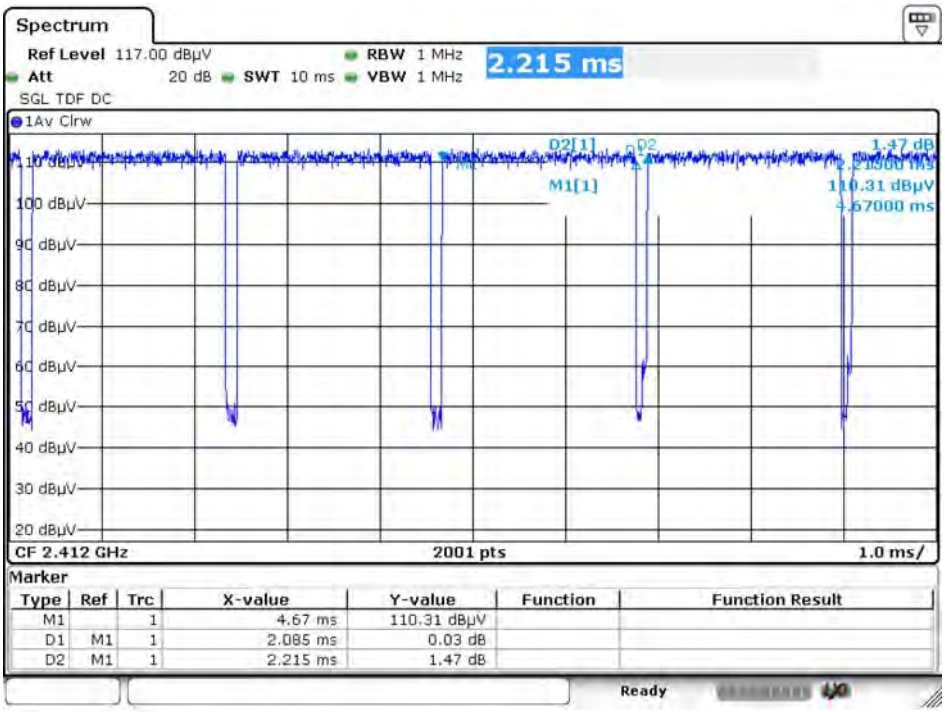
802.11g



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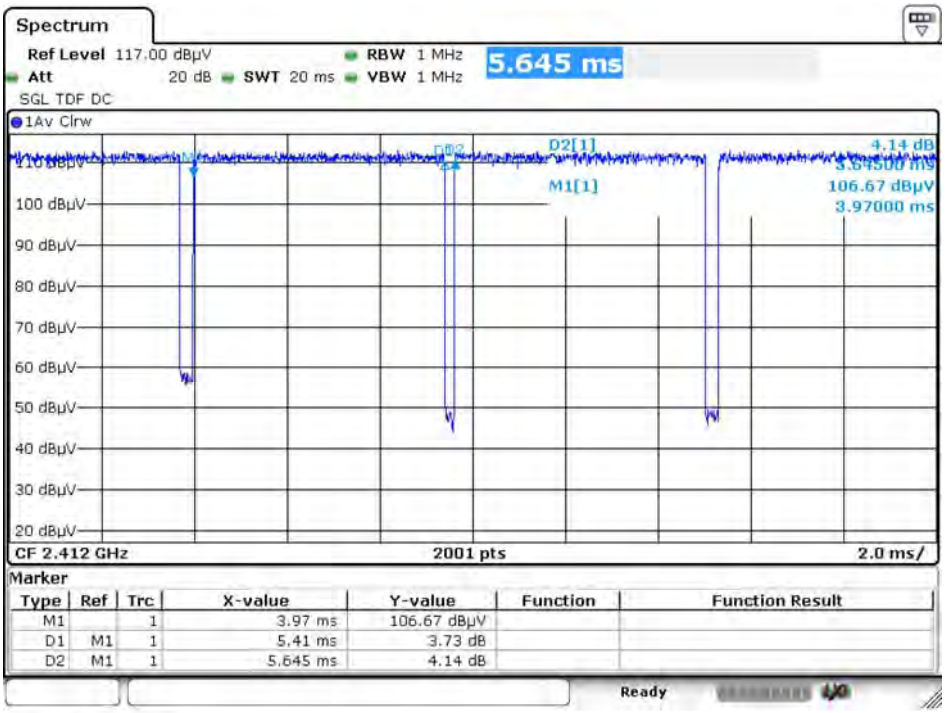
802.11ac VHT (20M)



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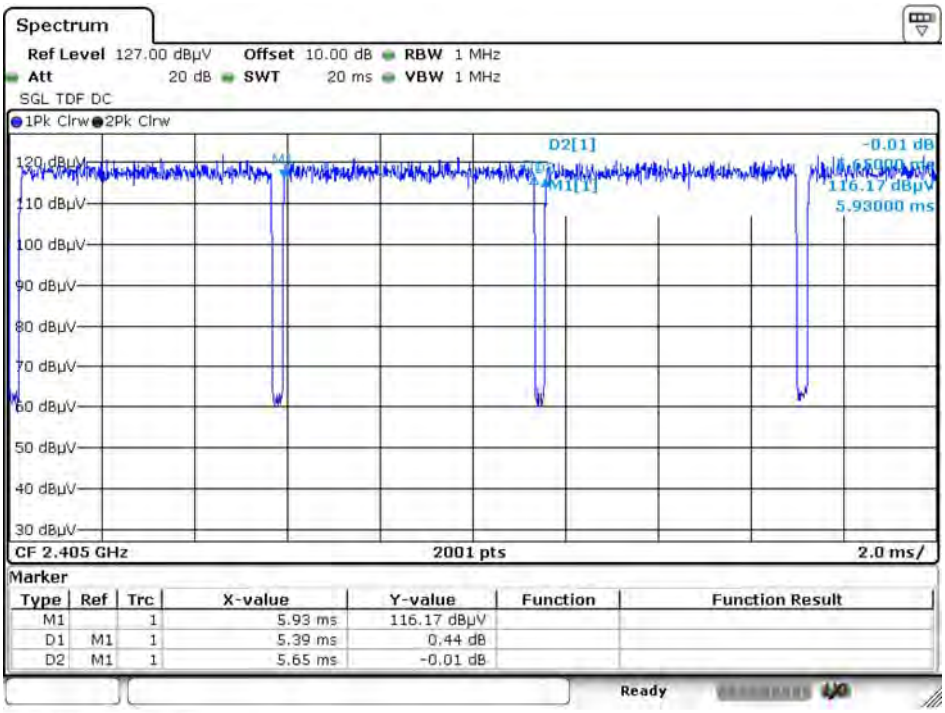

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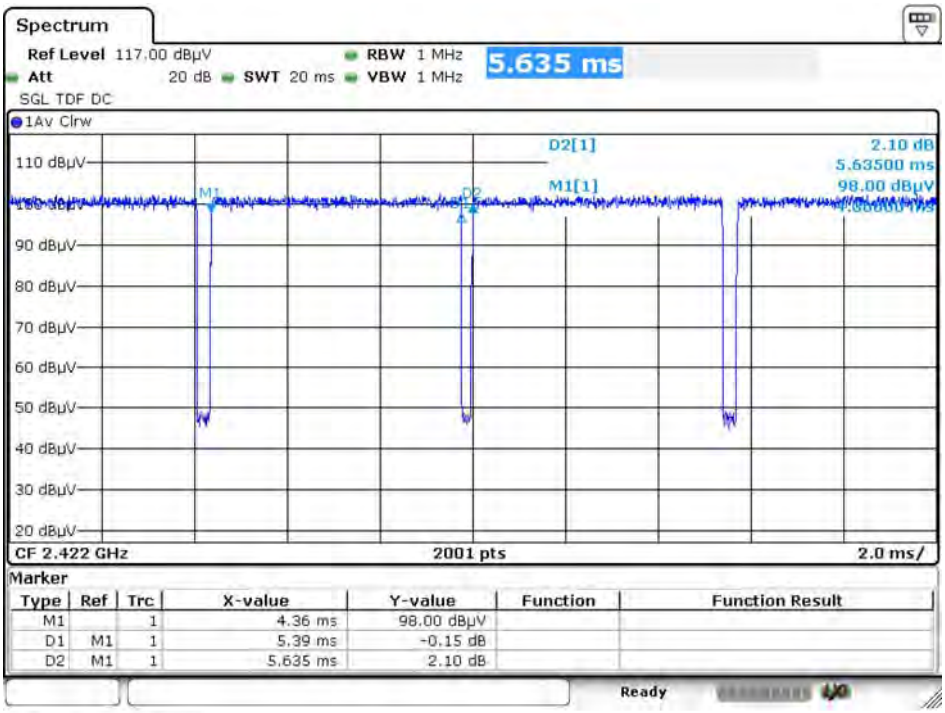
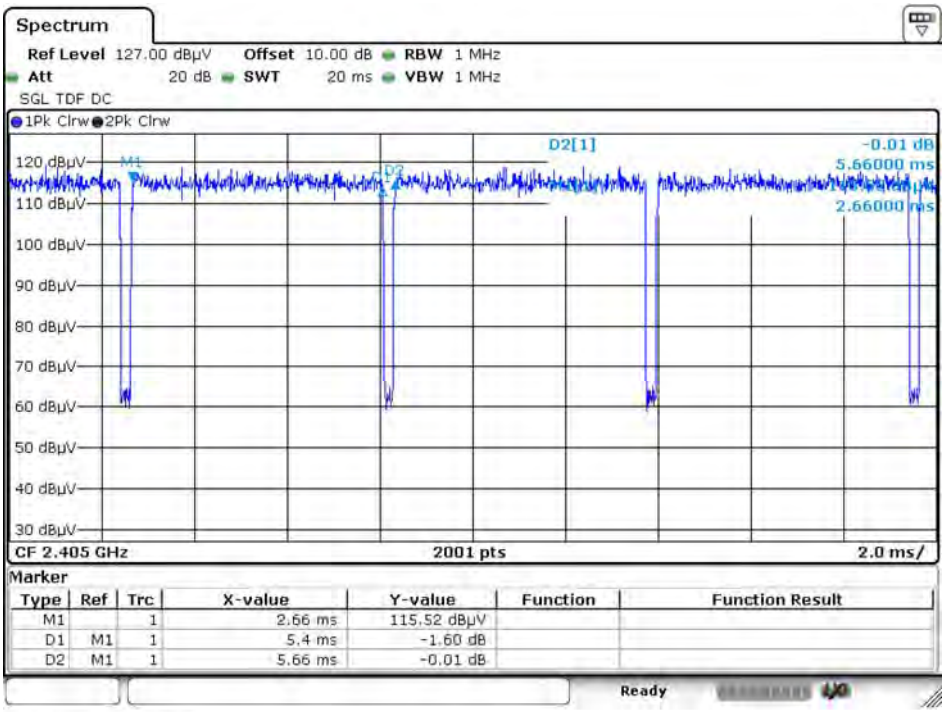


Date: 31.JUL.2018 09:30:55

802.11ax (40M)



Date: 2.AUG.2018 09:31:29

Beamforming Mode

2.4GHz BF mode						
Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor(dB) linear voltage	Duty Factor(dB) Power	1/T Minimum VBW (kHz)
VHT20	1.750	1.860	94.09%	0.529498	0.26	0.571
VHT40	1.665	1.798	92.63%	0.665093	0.33	0.601
AX HE20	1.758	1.900	92.50%	0.677165	0.34	0.569
AX HE40	1.770	1.903	93.04%	0.627028	0.31	0.565

Note:

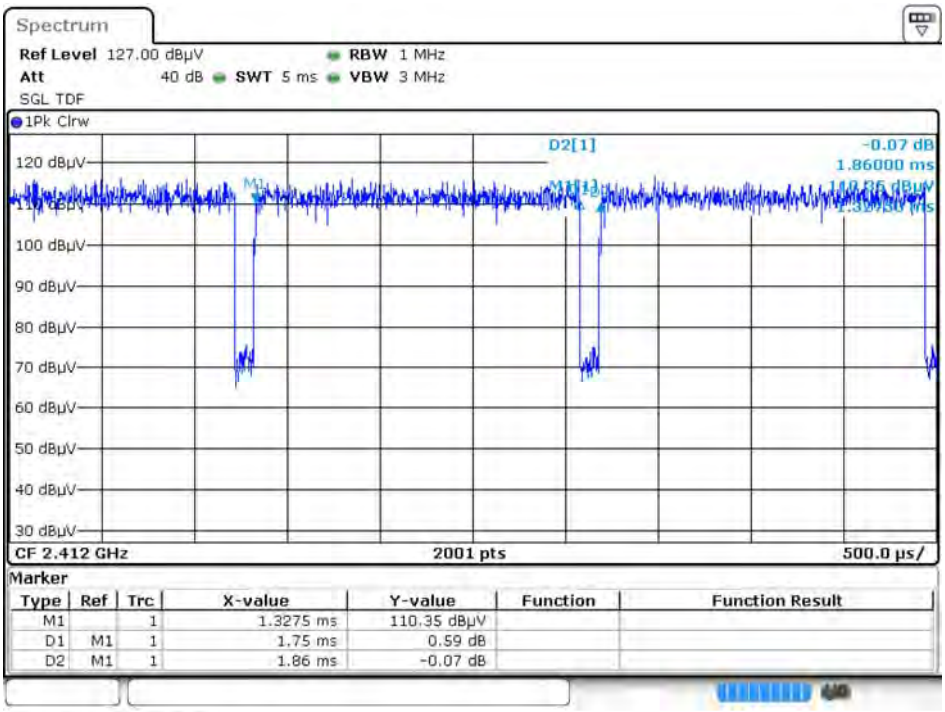
Offset = 20 log(1/duty cycle)

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.

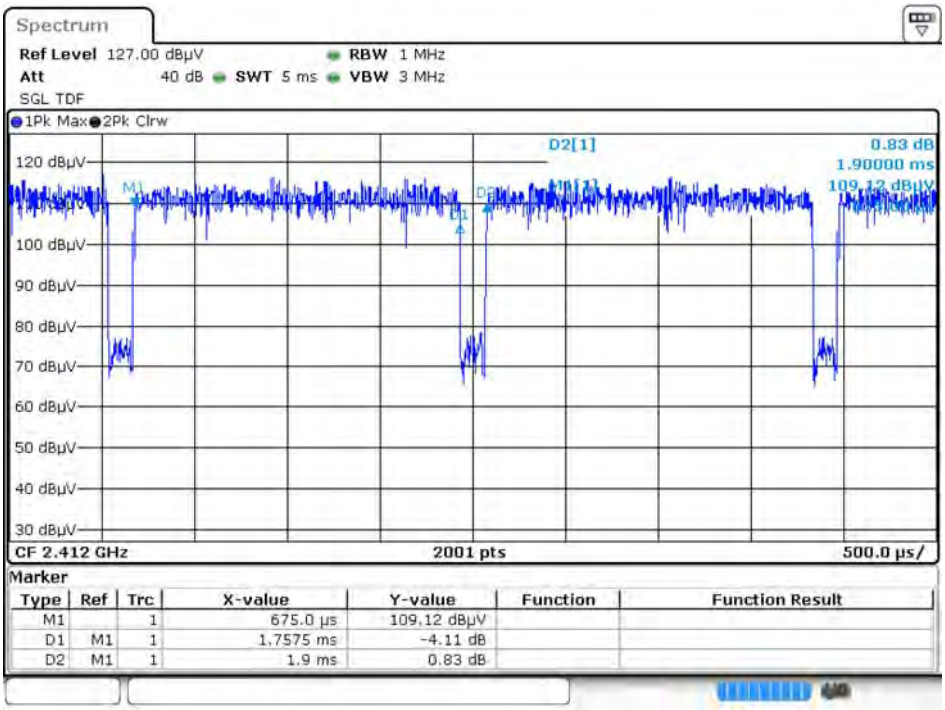
If linear voltage averaging mode was used in step (iv) above, the correction factor is 20 log (1/x), where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB must be added to the measured emission levels.

802.11ac VHT (20M)



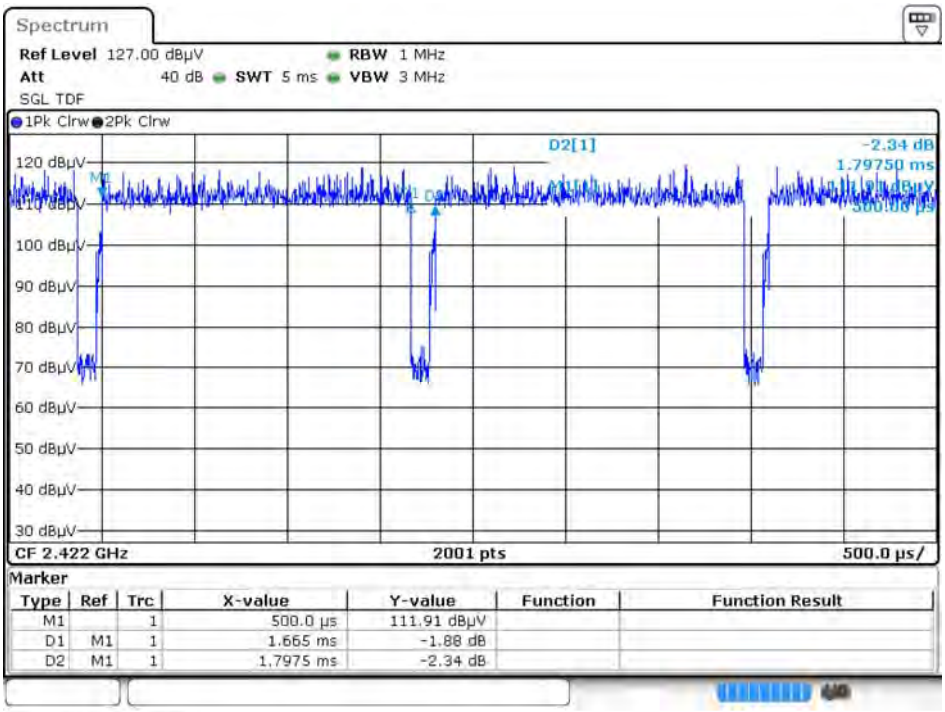
Date: 24.AUG.2018 11:48:52

802.11ax HE (20M)



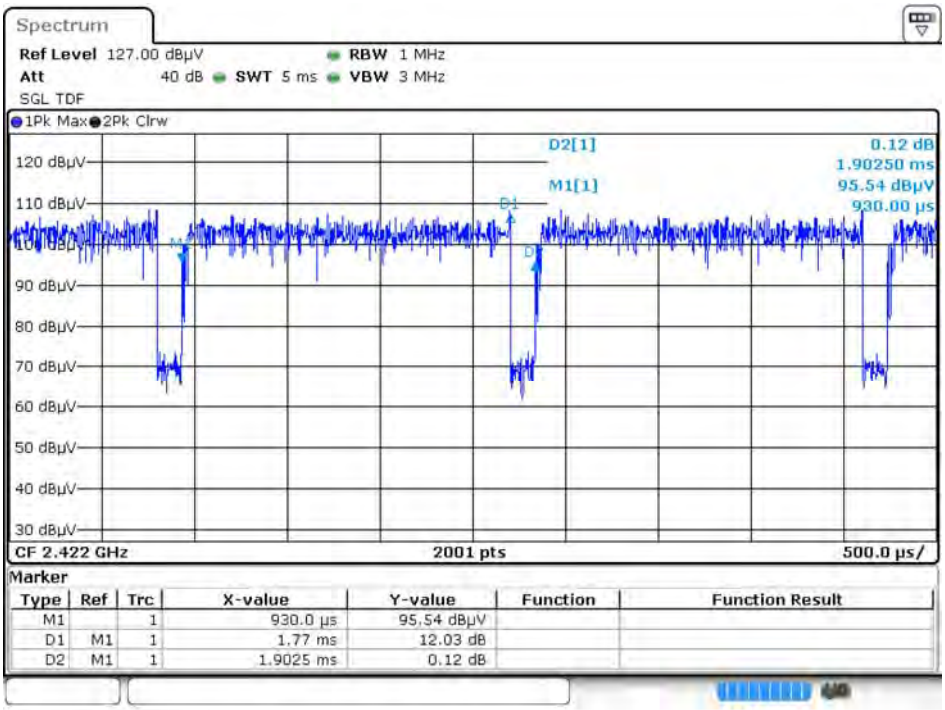
Date: 25.AUG.2018 11:04:53

802.11ac VHT (40M)



Date: 24.AUG.2018 18:11:37

802.11ax HE (40M)



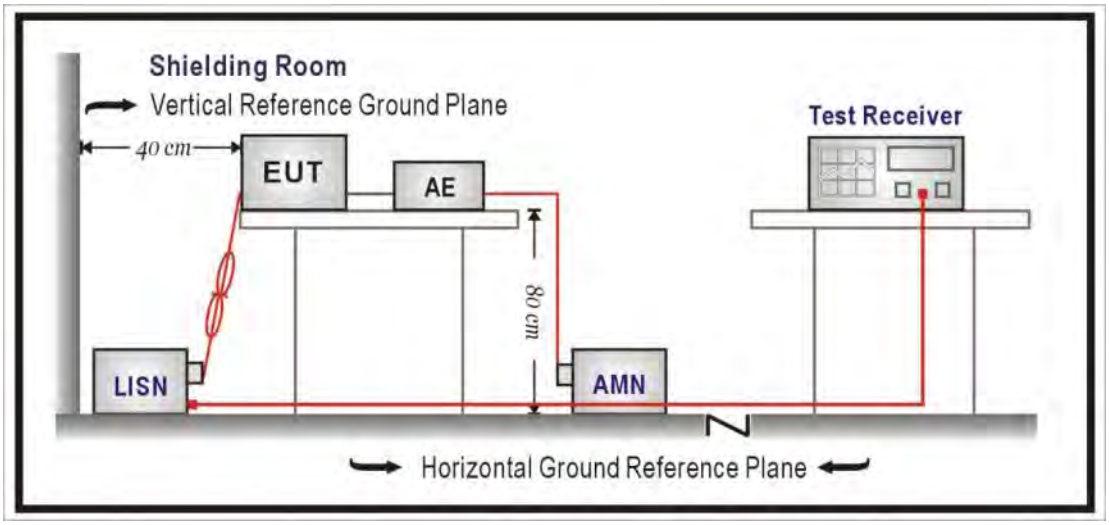
Date: 25.AUG.2018 16:26:01

1.9. Uncertainty

Test item	Uncertainty
Conducted Emission	± 2.26 dB.
Maximum peak conducted output power	± 1.27 dB.
Radiated Emission	30MHz～1GHz as ±3.43 dB 1GHz～26.5Ghz as ±3.65 dB
RF antenna conducted test	± 1.27dB
Radiated Emission Band Edge	± 3.9 dB
DTS Bandwidth	± 50 Hz
Occupied Bandwidth	± 50 Hz
Power Density	±1.27 dB

2. Conducted Emission

2.1. Test Setup



2.2. 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.

2.3. Test Procedure

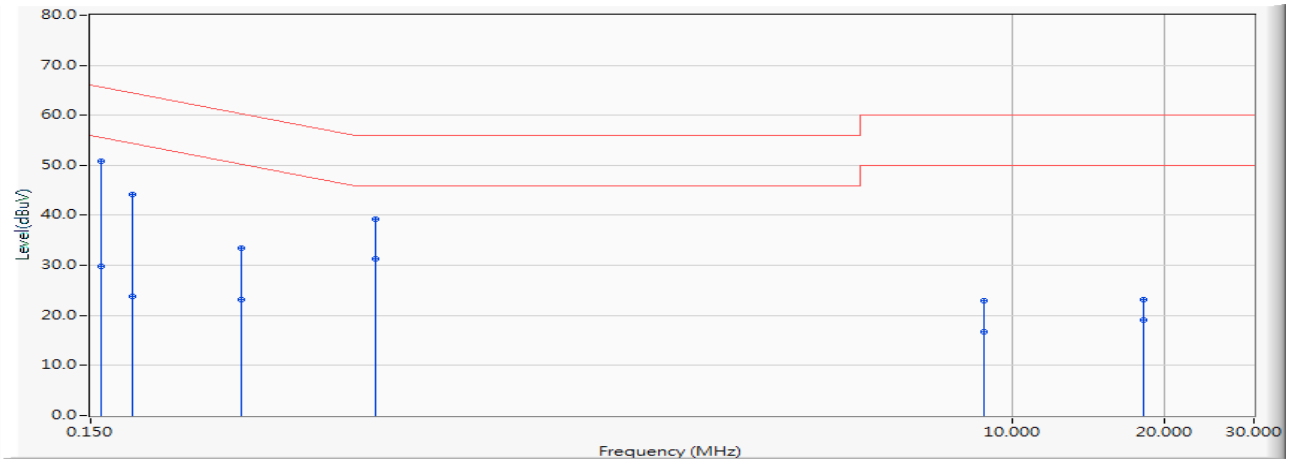
The EUT was setup according to ANSI C63.4: 2013 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 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.

2.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2017

2.5. Test Result

Site : DEKRA Taiwan SR2-H	**Time : 2018/08/30**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0823 - Line1	**Power : AC 120V/60Hz**
EUT : ROG Rapture GT-AX6000 Dual-band Gaming Router	**Note : Mode 1: Transmit_CDD_ADP-65DW Y 802.11ax HE(40M)_2437MHz**

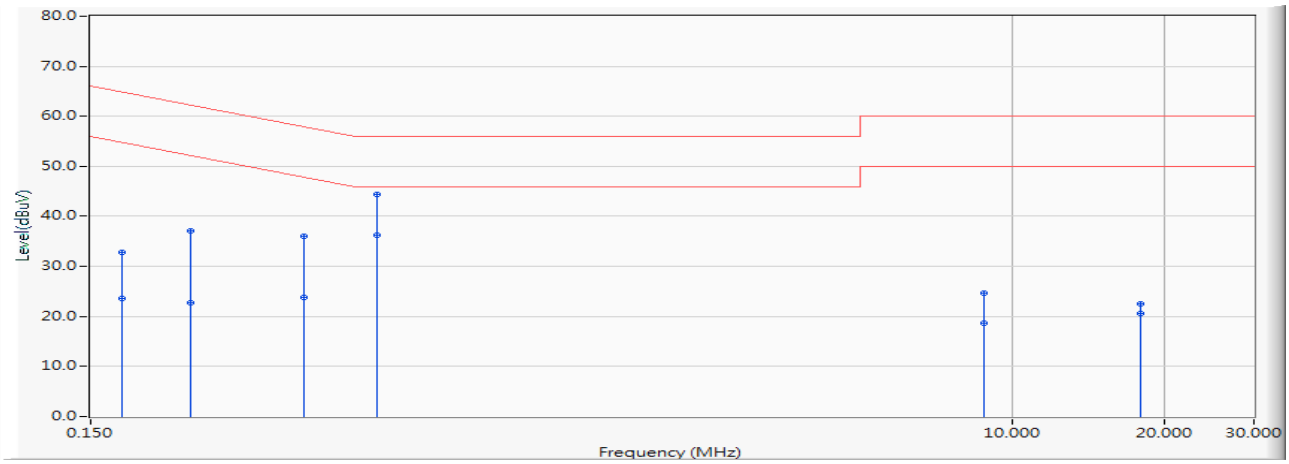


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.777	40.950	50.727	-14.851	65.578	QUASIPEAK
2		0.158	9.777	20.100	29.877	-25.701	55.578	AVERAGE
3		0.181	9.765	34.420	44.185	-20.243	64.428	QUASIPEAK
4		0.181	9.765	14.040	23.805	-30.623	54.428	AVERAGE
5		0.298	9.743	23.640	33.383	-26.903	60.286	QUASIPEAK
6		0.298	9.743	13.480	23.223	-27.063	50.286	AVERAGE
7		0.548	9.750	29.450	39.200	-16.800	56.000	QUASIPEAK
8	*	0.548	9.750	21.560	31.310	-14.690	46.000	AVERAGE
9		8.748	10.150	12.840	22.990	-37.010	60.000	QUASIPEAK
10		8.748	10.150	6.630	16.780	-33.220	50.000	AVERAGE
11		18.158	10.473	12.620	23.093	-36.907	60.000	QUASIPEAK
12		18.158	10.473	8.710	19.183	-30.817	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 : DEKRA Taiwan SR2-H	**Time : 2018/08/30**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0823 - Line2	**Power : AC 120V/60Hz**
EUT : ROG Rapture GT-AX6000 Dual-band Gaming Router	**Note : Mode 1: Transmit_CDD_ADP-65DW Y 802.11ax HE(40M)_2437MHz**

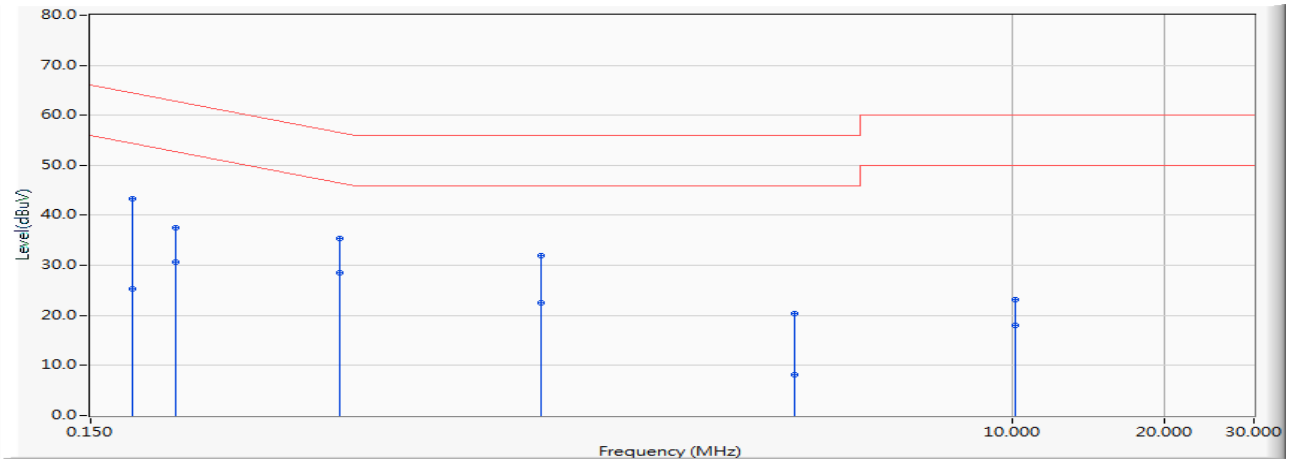


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	9.784	23.070	32.854	-31.940	64.794	QUASIPEAK
2		0.173	9.784	13.750	23.534	-31.260	54.794	AVERAGE
3		0.236	9.810	27.280	37.090	-25.148	62.238	QUASIPEAK
4		0.236	9.810	12.820	22.630	-29.608	52.238	AVERAGE
5		0.396	9.790	26.290	36.080	-21.855	57.935	QUASIPEAK
6		0.396	9.790	14.040	23.830	-24.105	47.935	AVERAGE
7		0.552	9.800	34.600	44.400	-11.600	56.000	QUASIPEAK
8	*	0.552	9.800	26.400	36.200	-9.800	46.000	AVERAGE
9		8.787	10.111	14.520	24.631	-35.369	60.000	QUASIPEAK
10		8.787	10.111	8.600	18.711	-31.289	50.000	AVERAGE
11		17.927	10.429	12.180	22.609	-37.391	60.000	QUASIPEAK
12		17.927	10.429	10.210	20.639	-29.361	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 : DEKRA Taiwan SR2-H	**Time : 2018/08/28**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2-B127_LISN(16A)-8 - Line1	**Power : AC 120V/60Hz**
EUT : ROG Rapture GT-AX6000 Dual-band Gaming Router	**Note : Mode 2: Transmit_CDD_ADP-65DW B 802.11ax HE(40M)_2437MHz**

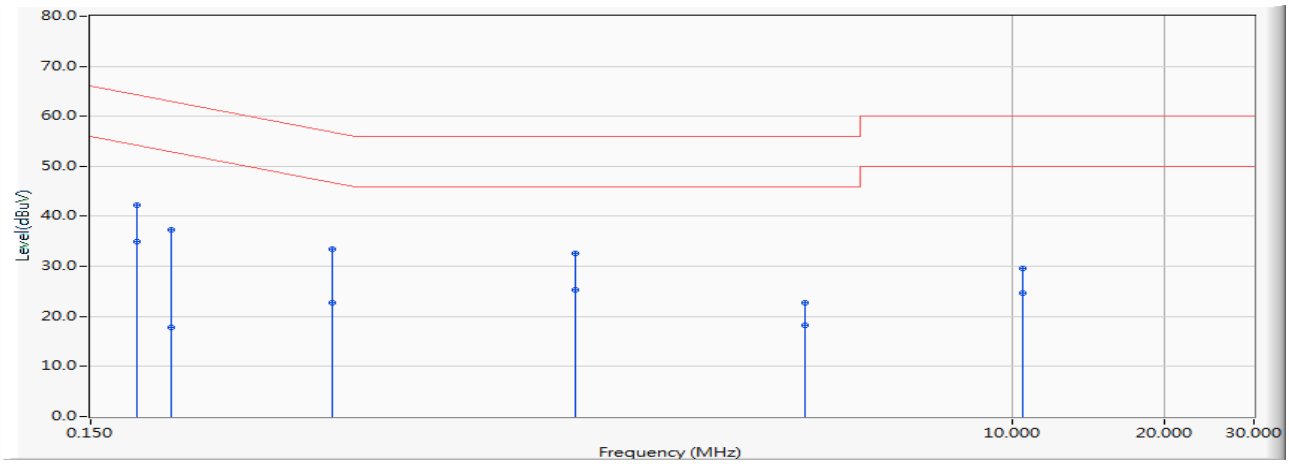


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.680	33.630	43.310	-21.118	64.428	QUASIPEAK
2		0.181	9.680	15.540	25.220	-29.208	54.428	AVERAGE
3		0.220	9.680	27.890	37.570	-25.237	62.807	QUASIPEAK
4		0.220	9.680	20.900	30.580	-22.227	52.807	AVERAGE
5		0.466	9.681	25.630	35.311	-21.267	56.578	QUASIPEAK
6	*	0.466	9.681	18.950	28.631	-17.947	46.578	AVERAGE
7		1.166	9.792	22.130	31.922	-24.078	56.000	QUASIPEAK
8		1.166	9.792	12.780	22.572	-23.428	46.000	AVERAGE
9		3.693	9.808	10.610	20.418	-35.582	56.000	QUASIPEAK
10		3.693	9.808	-1.660	8.148	-37.852	46.000	AVERAGE
11		10.150	10.095	13.100	23.195	-36.805	60.000	QUASIPEAK
12		10.150	10.095	7.890	17.985	-32.015	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 : DEKRA Taiwan SR2-H	**Time : 2018/08/28**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2-B127_LISN(16A)-8 - Line2	**Power : AC 120V/60Hz**
EUT : ROG Rapture GT-AX6000 Dual-band Gaming Router	**Note : Mode 2: Transmit_CDD_ADP-65DW B 802.11ax HE(40M)_2437MHz**



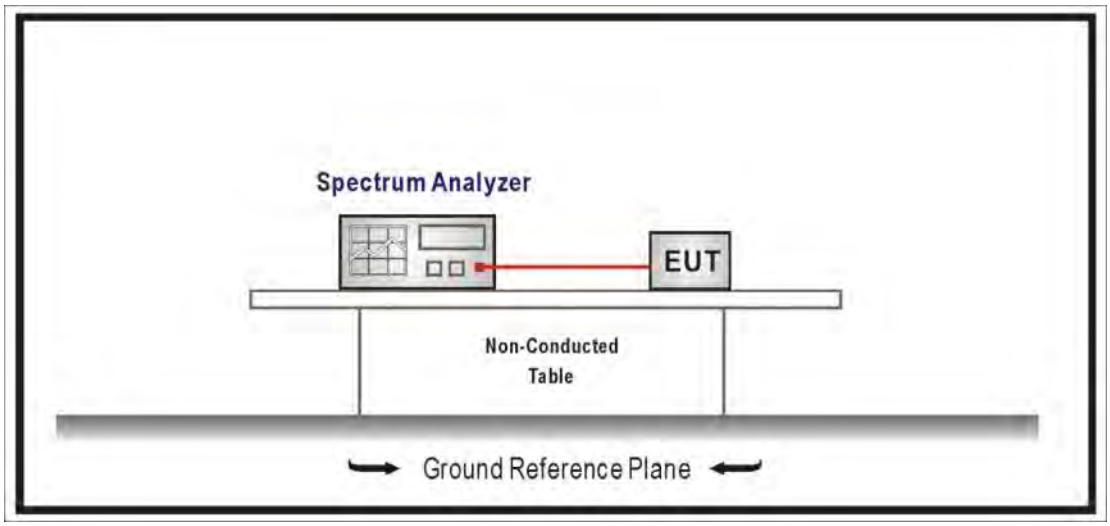
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.680	32.560	42.240	-22.011	64.251	QUASIPEAK
2	*	0.185	9.680	25.260	34.940	-19.311	54.251	AVERAGE
3		0.216	9.680	27.730	37.410	-25.546	62.956	QUASIPEAK
4		0.216	9.680	8.120	17.800	-35.156	52.956	AVERAGE
5		0.451	9.681	23.800	33.481	-23.380	56.861	QUASIPEAK
6		0.451	9.681	13.150	22.831	-24.030	46.861	AVERAGE
7		1.365	9.794	22.750	32.544	-23.456	56.000	QUASIPEAK
8		1.365	9.794	15.620	25.414	-20.586	46.000	AVERAGE
9		3.896	9.819	13.020	22.839	-33.161	56.000	QUASIPEAK
10		3.896	9.819	8.430	18.249	-27.751	46.000	AVERAGE
11		10.482	10.094	19.560	29.653	-30.347	60.000	QUASIPEAK
12		10.482	10.094	14.480	24.573	-25.427	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. Maximum peak conducted output power

3.1. Test Setup



3.2. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 D01 v04, Measurement to FCC 47CFR 15.247 requirements.

3.3. Limits

The maximum peak power shall be less 1 Watt.

3.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2017

3.5. Test Result

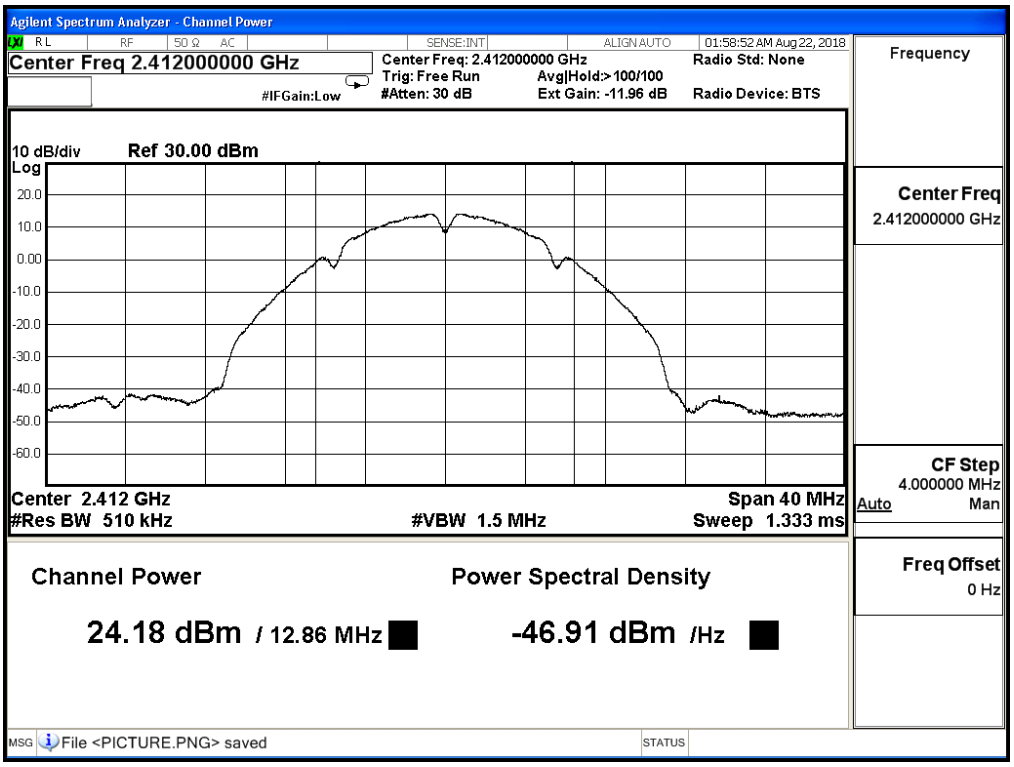
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.180	≦30
6	2437	24.180	≦30
11	2462	23.850	≦30

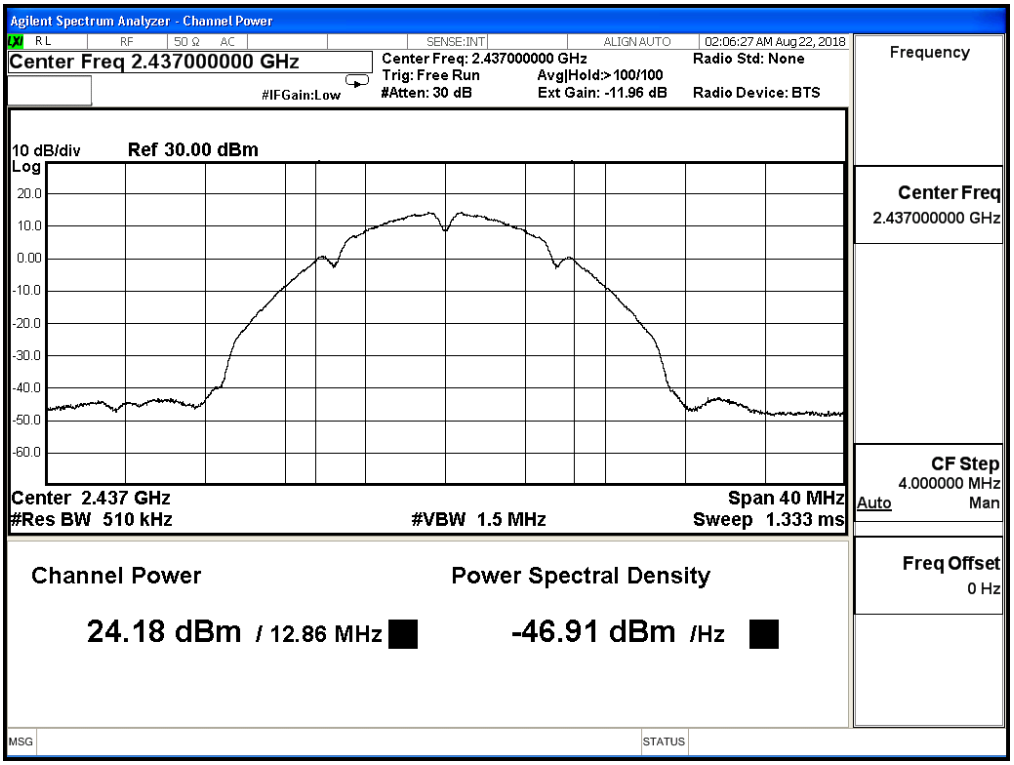
The worst emission of data rate is 1 Mbps

Maximum peak conducted output power (dBm)						
Channel No.	Frequency(MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	24.180	--	--	--	≦30
6	2437	24.180	24.160	24.120	24.100	≦30
11	2462	23.850	--	--	--	≦30

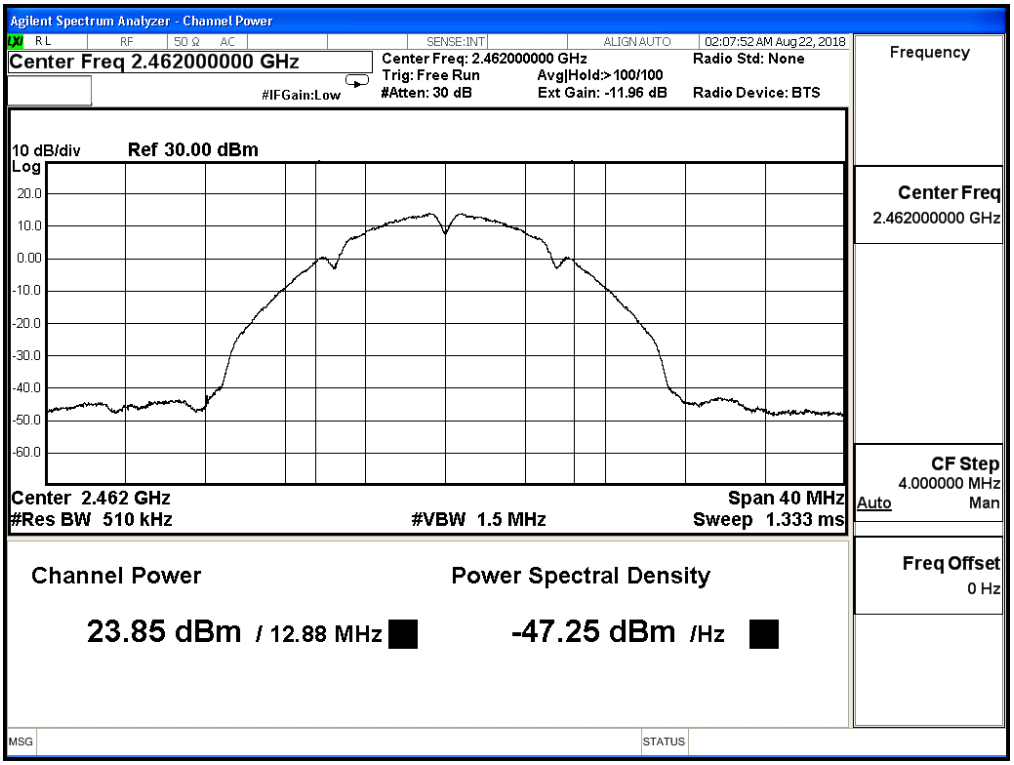
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



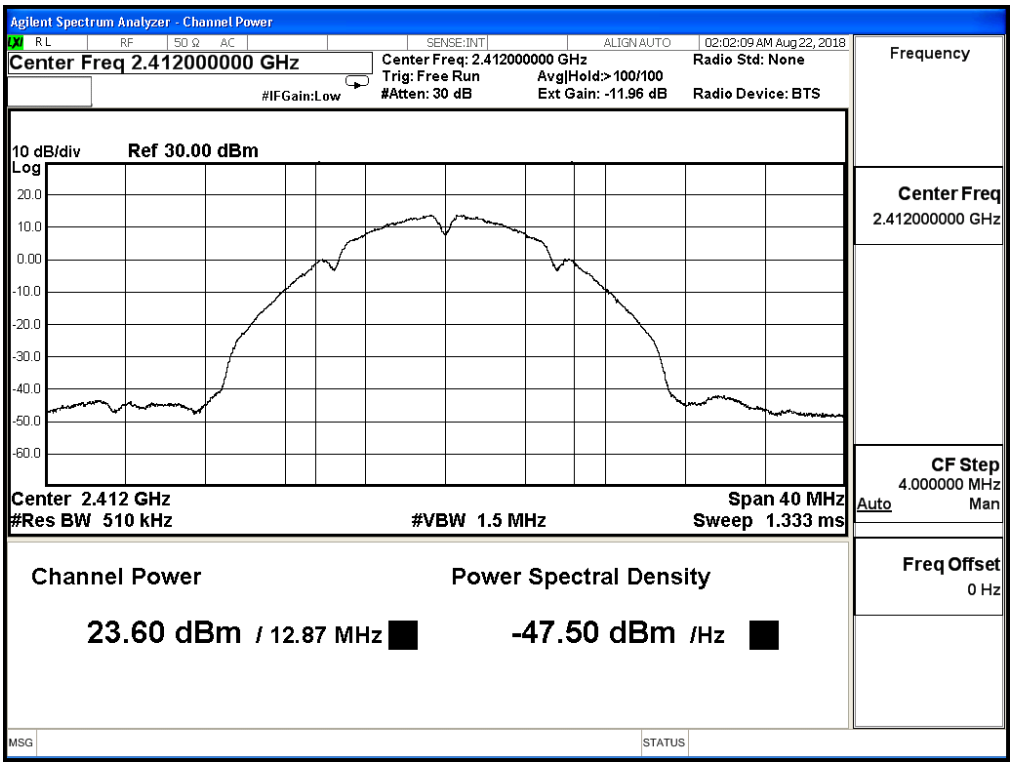
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11b (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	23.600	≦30
6	2437	23.580	≦30
11	2462	23.490	≦30

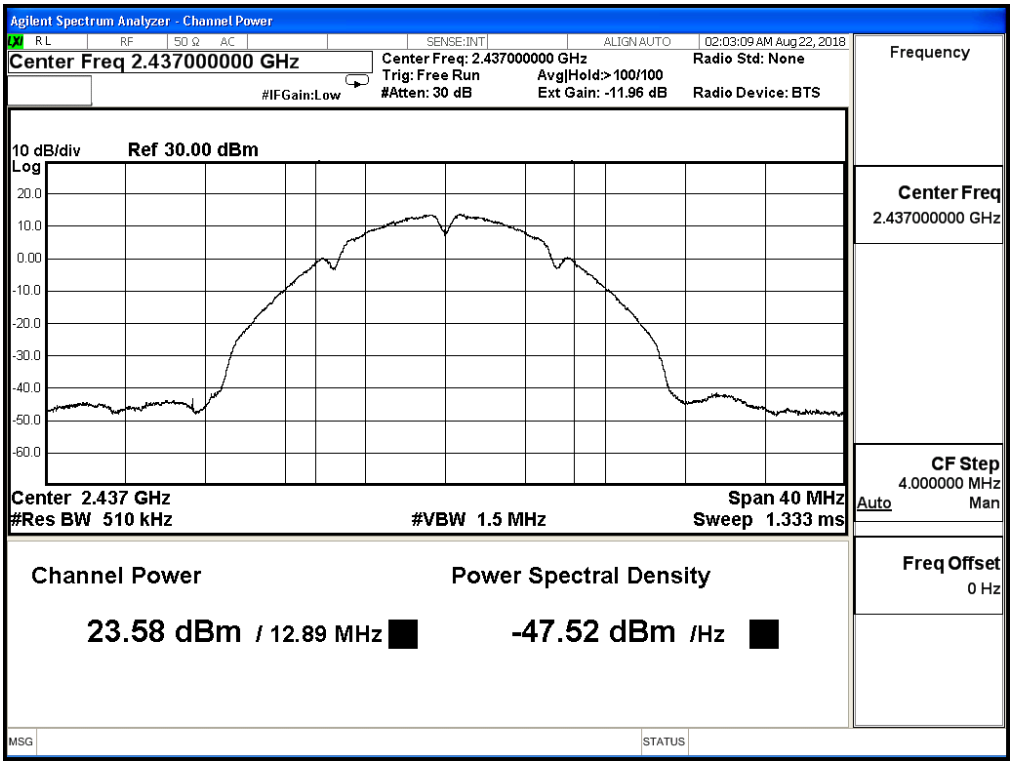
The worst emission of data rate is 1 Mbps

Maximum peak conducted output power (dBm)						
Channel No.	Frequency (MHz)	Data Rate (Mbps)				Limit (dBm)
		1	2	5.5	11	
1	2412	23.600	--	--	--	≦30
6	2437	23.580	23.570	23.550	23.520	≦30
11	2462	23.490	--	--	--	≦30

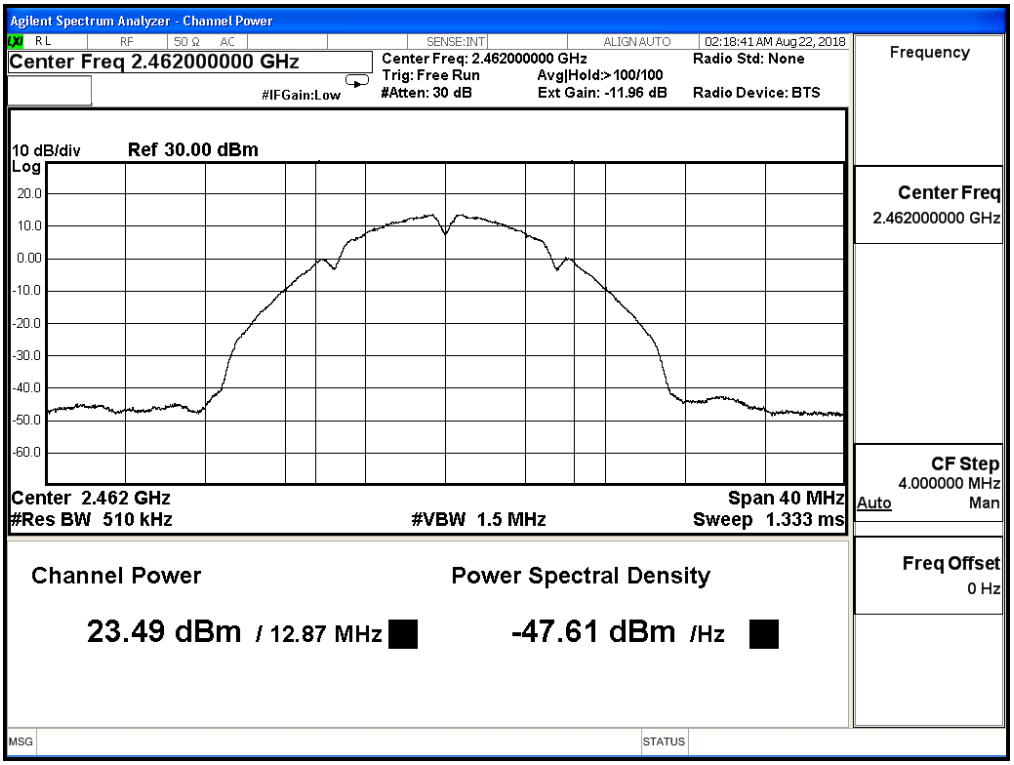
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



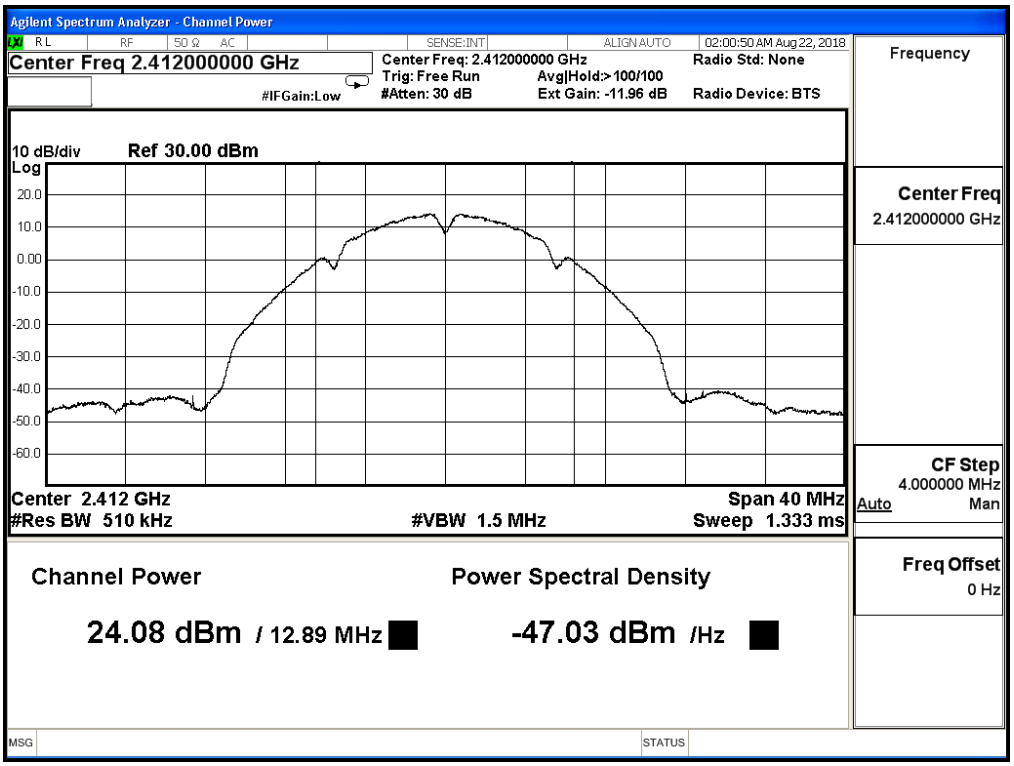
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11b (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.080	≦30
6	2437	24.010	≦30
11	2462	23.870	≦30

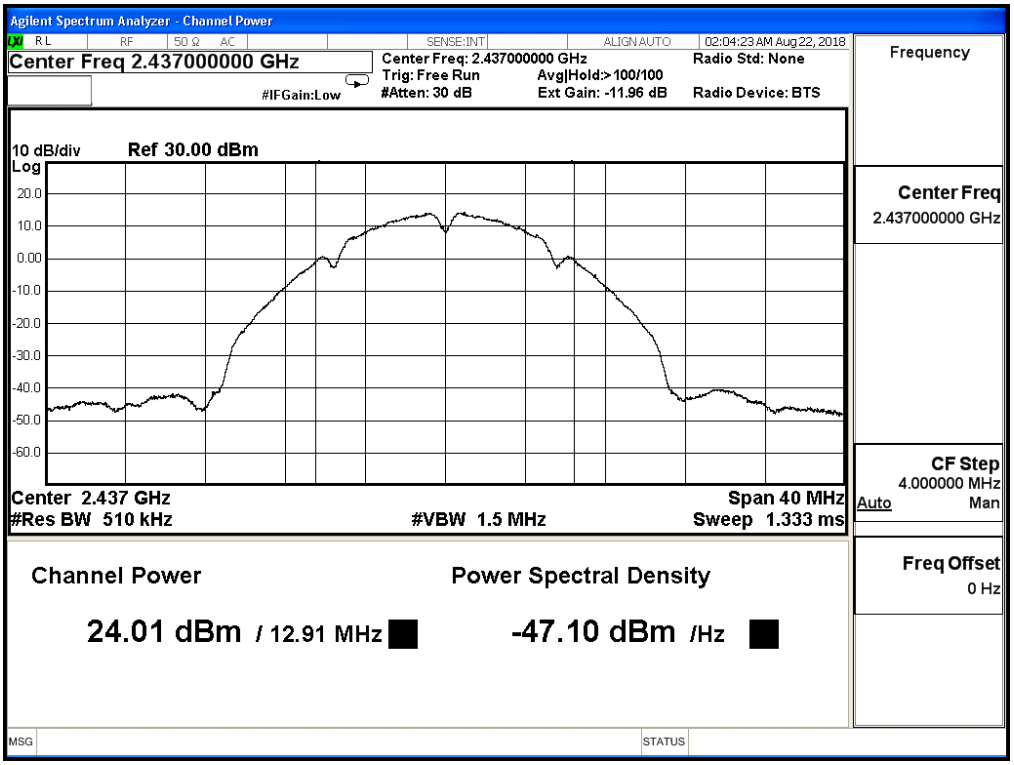
The worst emission of data rate is 1 Mbps

Maximum peak conducted output power (dBm)						
Channel No.	Frequency (MHz)	Data Rate (Mbps)				Limit (dBm)
		1	2	5.5	11	
1	2412	24.080	--	--	--	≦30
6	2437	24.010	24.000	23.980	23.950	≦30
11	2462	23.870	--	--	--	≦30

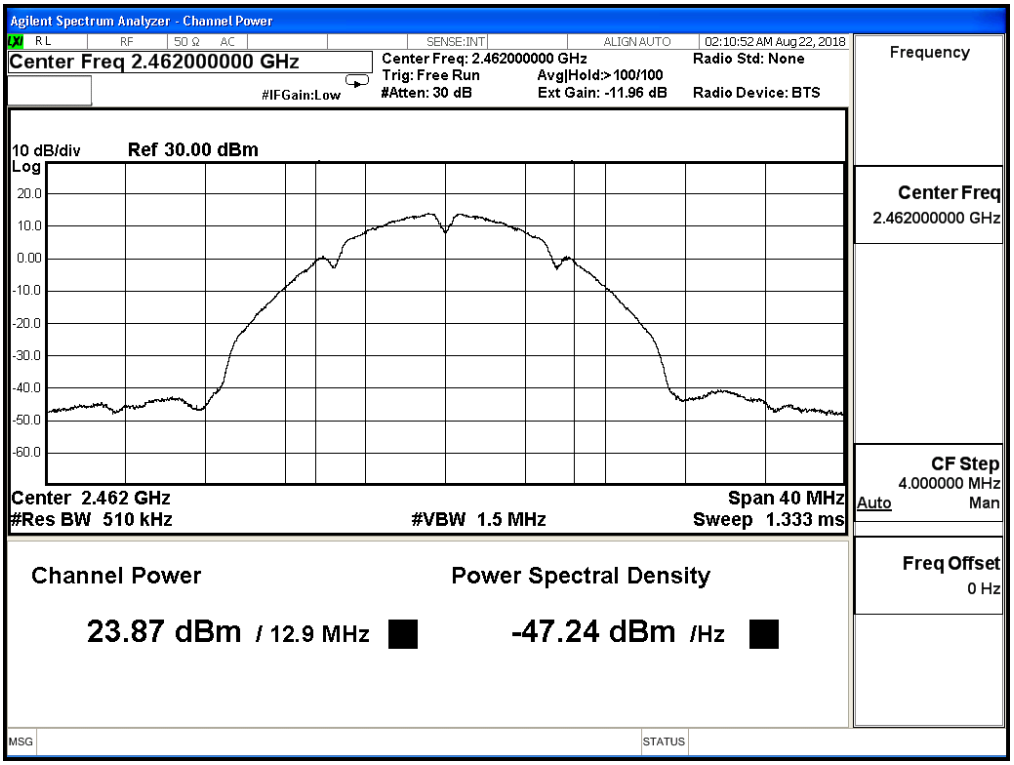
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



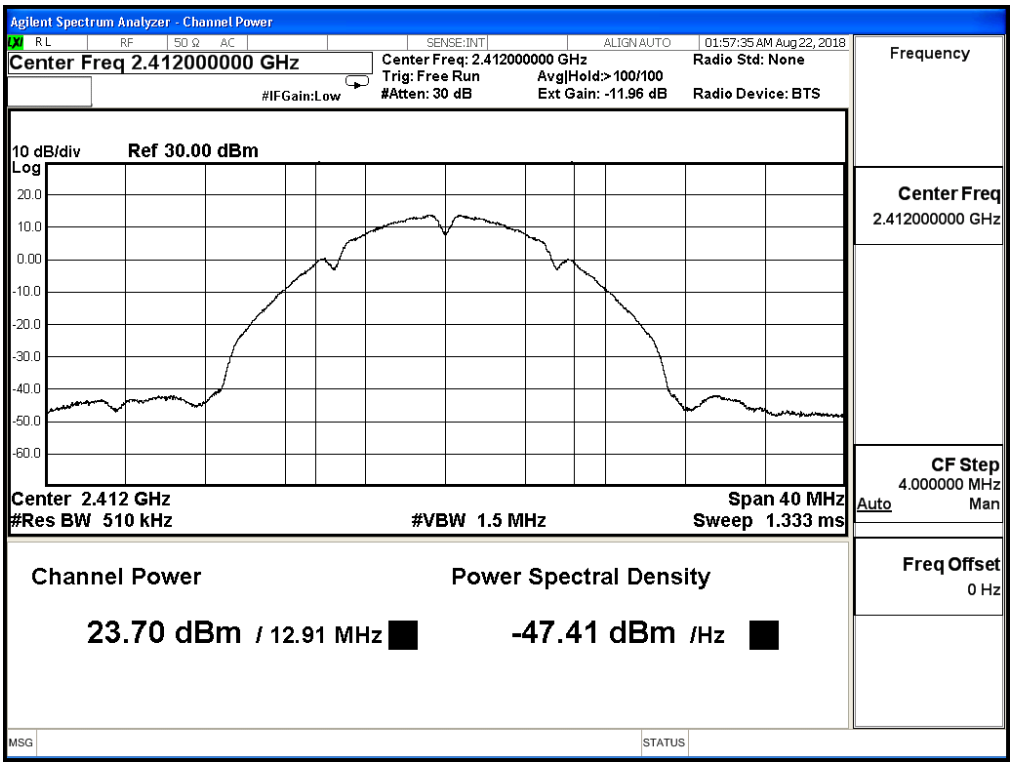
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11b (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	23.700	≦30
6	2437	23.690	≦30
11	2462	23.610	≦30

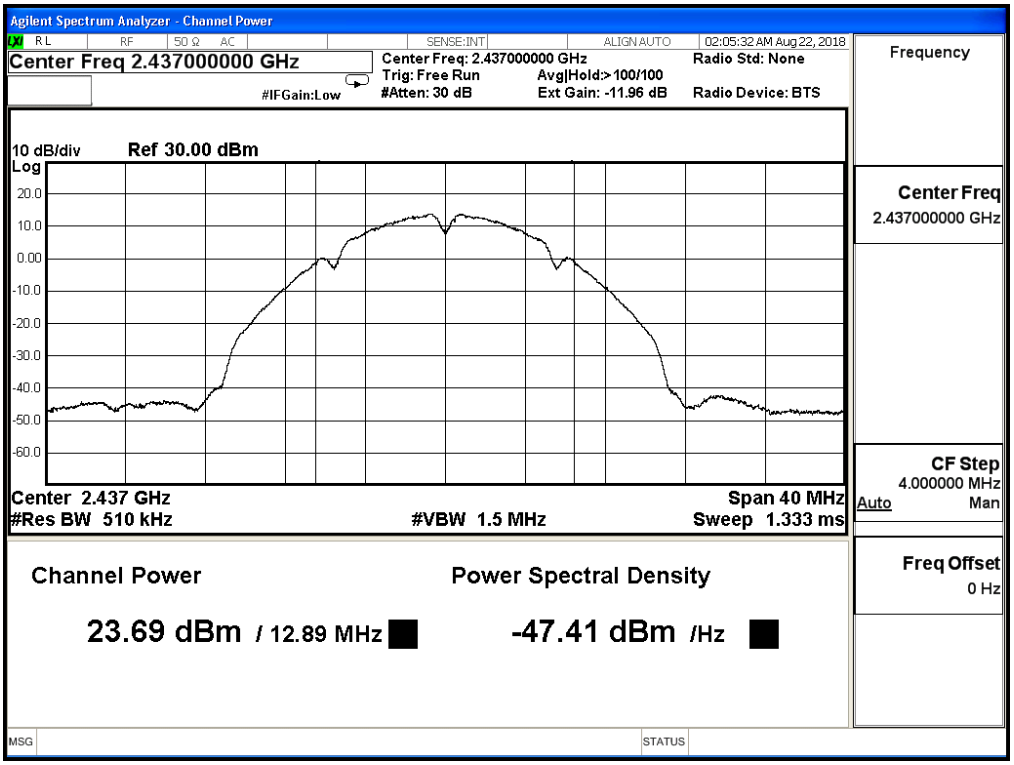
The worst emission of data rate is 1 Mbps

Maximum peak conducted output power (dBm)						
Channel No.	Frequency (MHz)	Data Rate (Mbps)				Limit (dBm)
		1	2	5.5	11	
1	2412	23.700	--	--	--	≦30
6	2437	23.690	23.650	23.620	23.610	≦30
11	2462	23.610	--	--	--	≦30

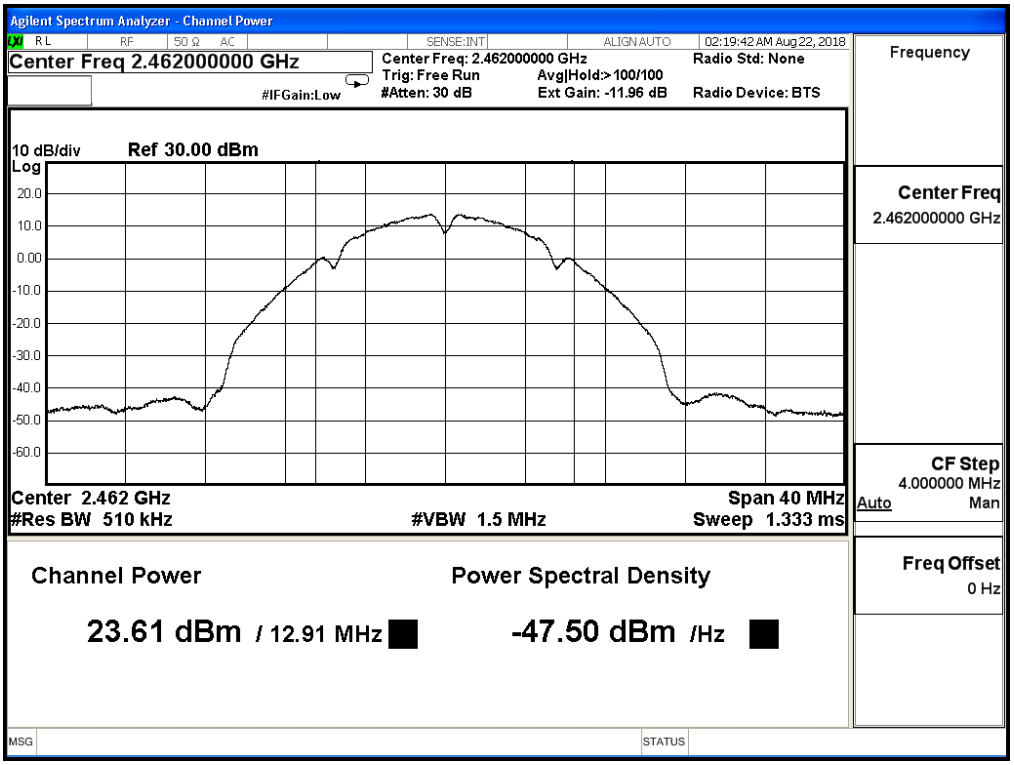
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11b (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	29.918	≦30
6	2437	29.892	≦30
11	2462	29.729	≦30

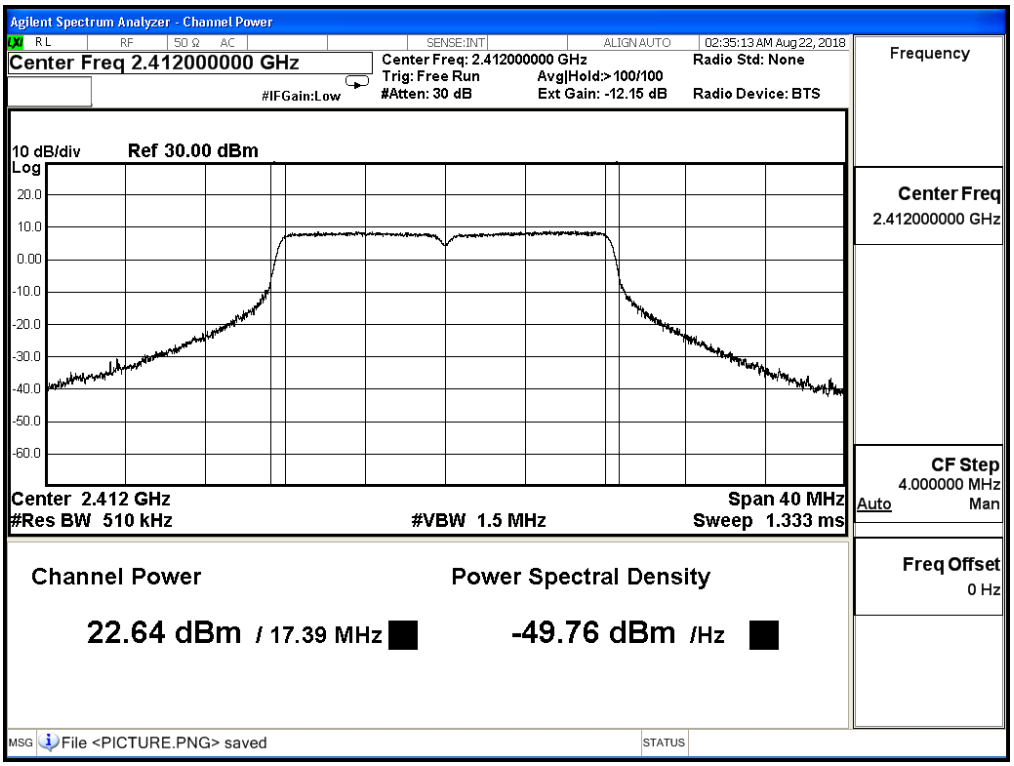
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.640	≦30
6	2437	24.000	≦30
11	2462	20.430	≦30

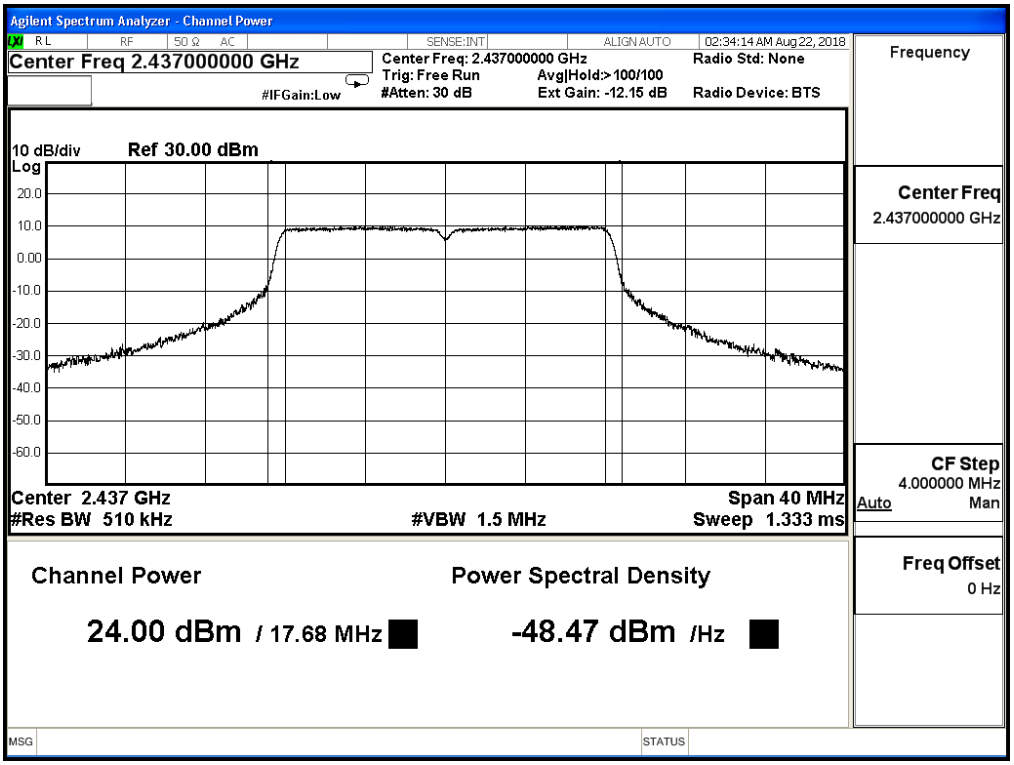
The worst emission of data rate is 6Mbps

Maximum peak conducted output power (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	22.640	--	--	--	--	--	--	≦30
6	2437	24.000	23.980	23.930	23.910	23.880	23.850	23.810	≦30
11	2462	20.430	--	--	--	--	--	--	≦30

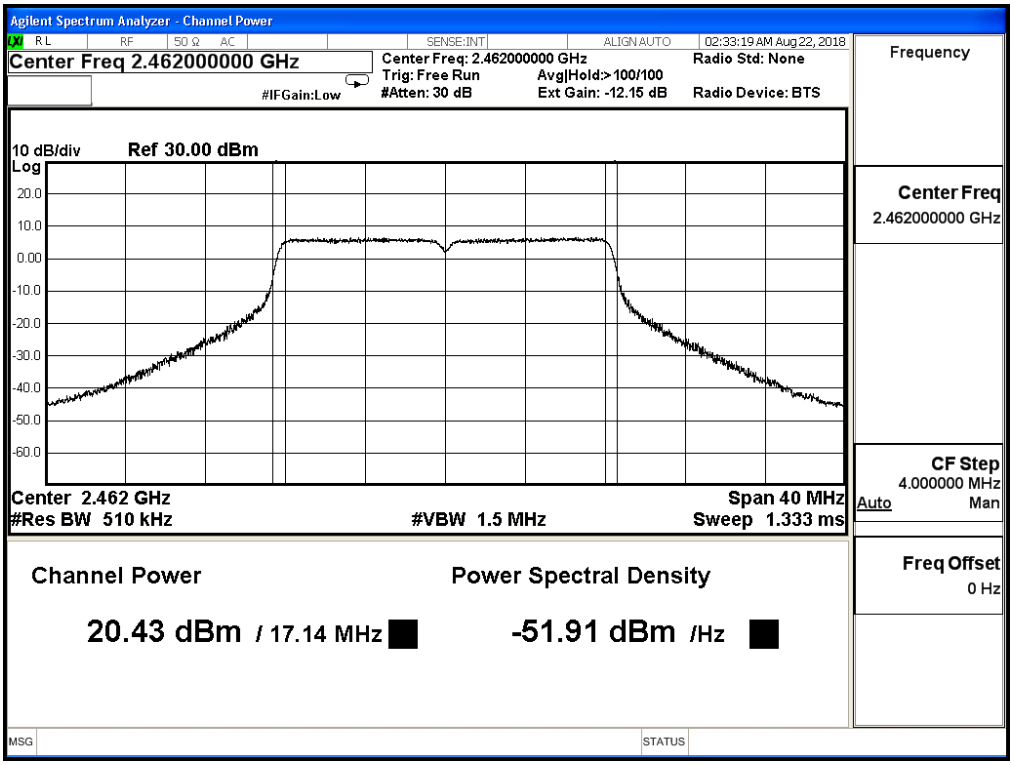
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



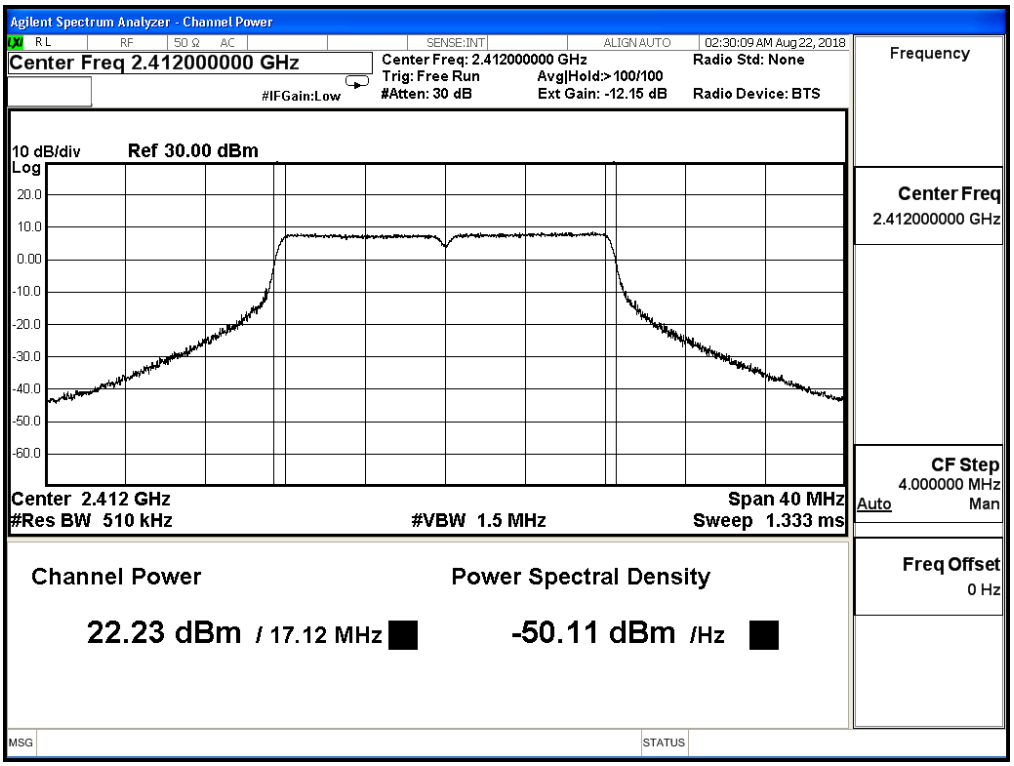
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.230	≦30
6	2437	23.500	≦30
11	2462	20.160	≦30

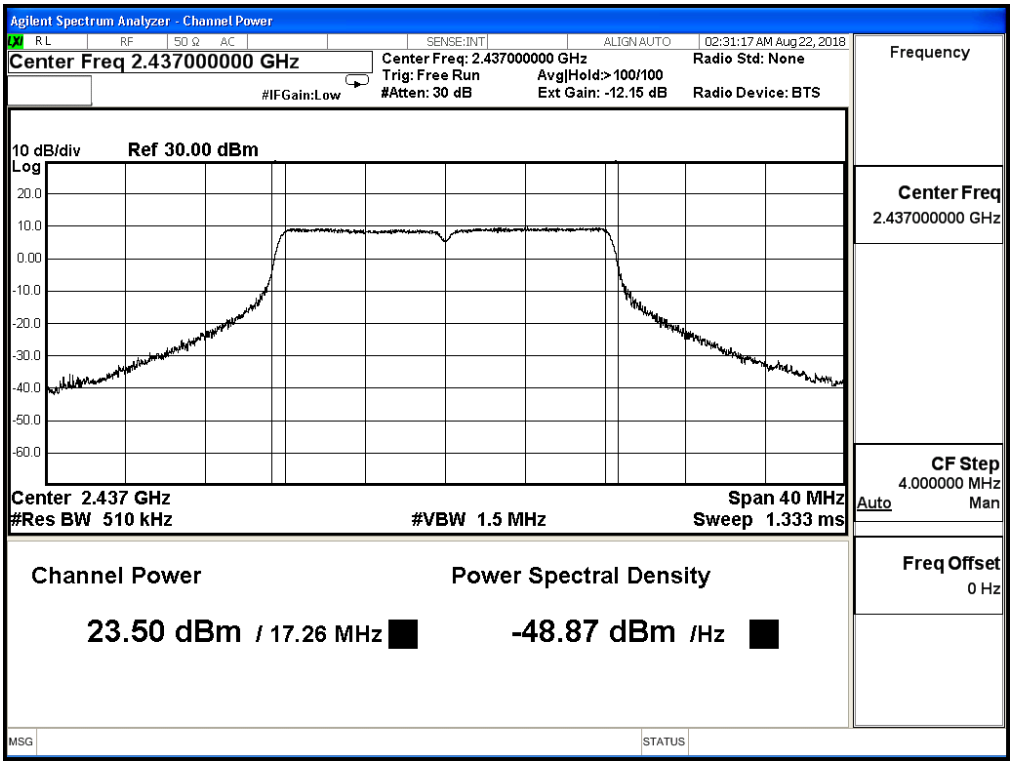
The worst emission of data rate is 6Mbps

Maximum peak conducted output power (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	22.230	--	--	--	--	--	--	≦30
6	2437	23.500	23.480	23.450	23.420	23.390	23.370	23.350	≦30
11	2462	20.160	--	--	--	--	--	--	≦30

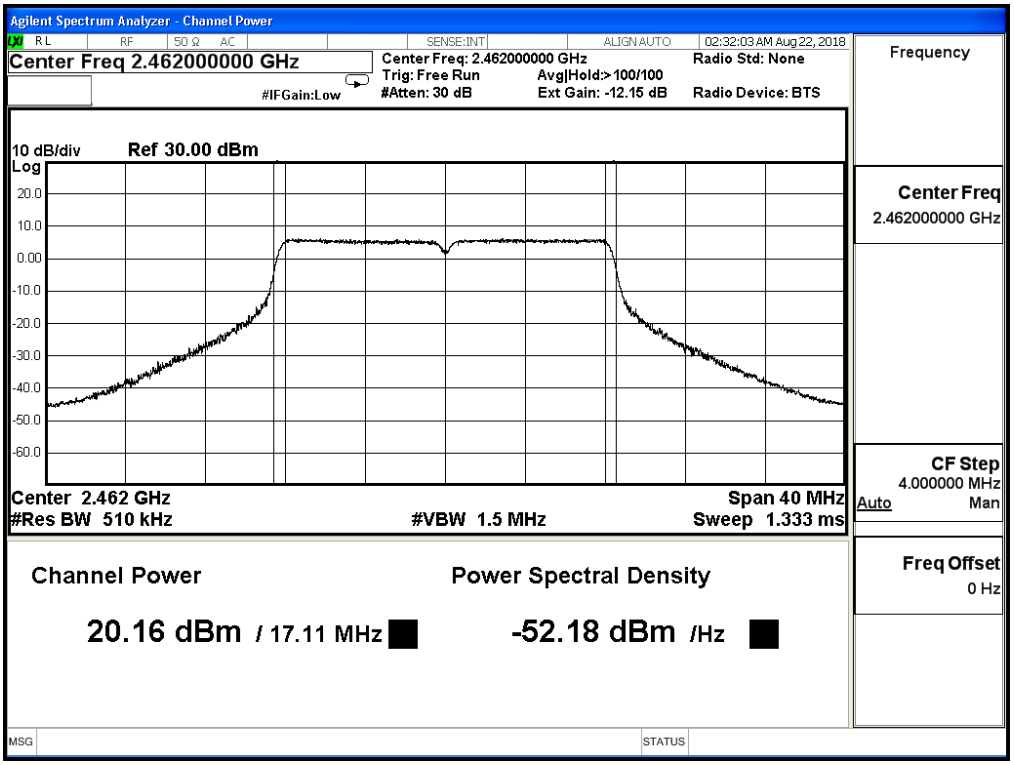
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



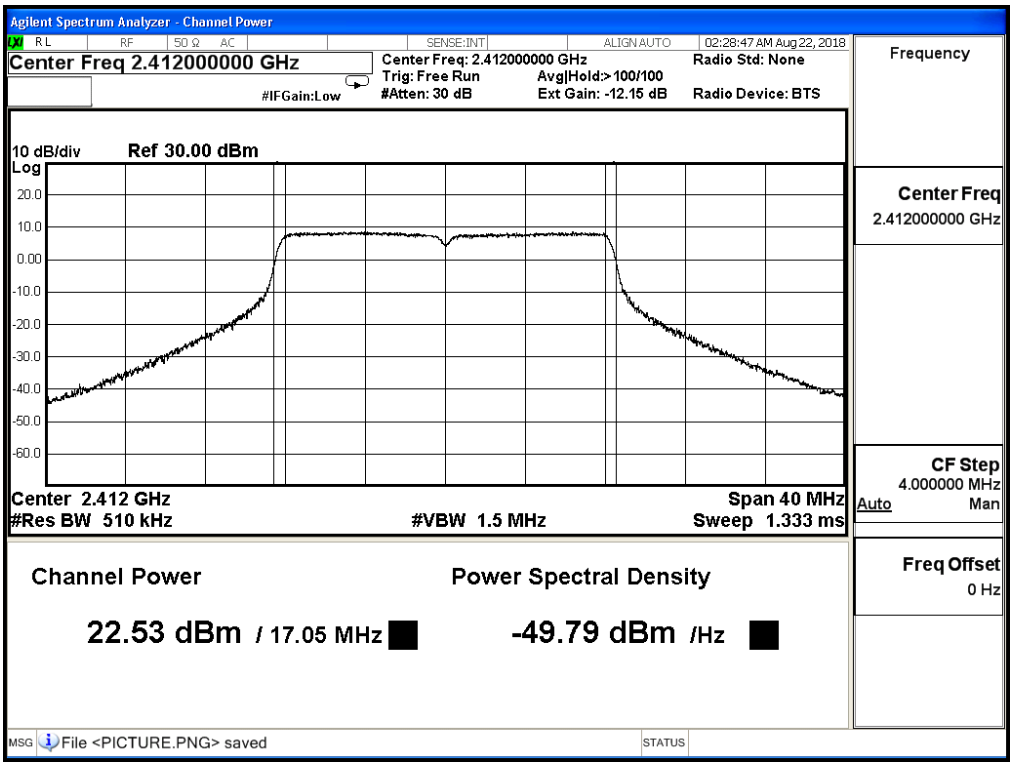
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11g (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.530	≦30
6	2437	24.040	≦30
11	2462	20.730	≦30

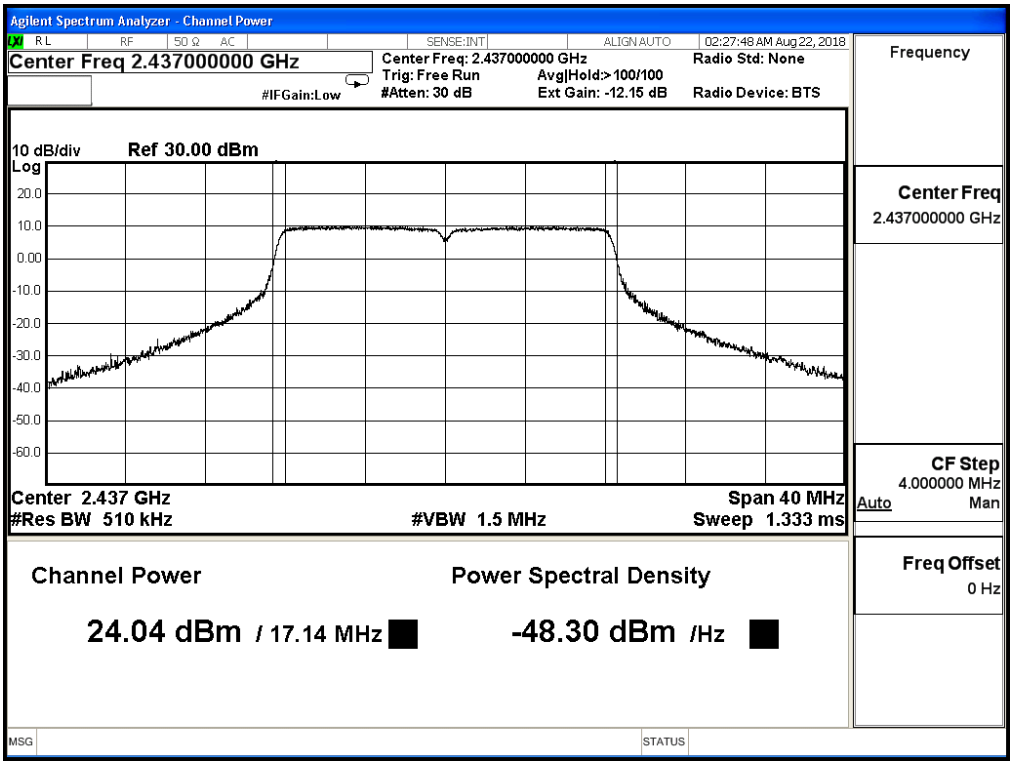
The worst emission of data rate is 6Mbps

Maximum peak conducted output power (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	22.530	--	--	--	--	--	--	≦30
6	2437	24.040	24.010	23.980	23.950	23.910	23.880	23.840	≦30
11	2462	20.730	--	--	--	--	--	--	≦30

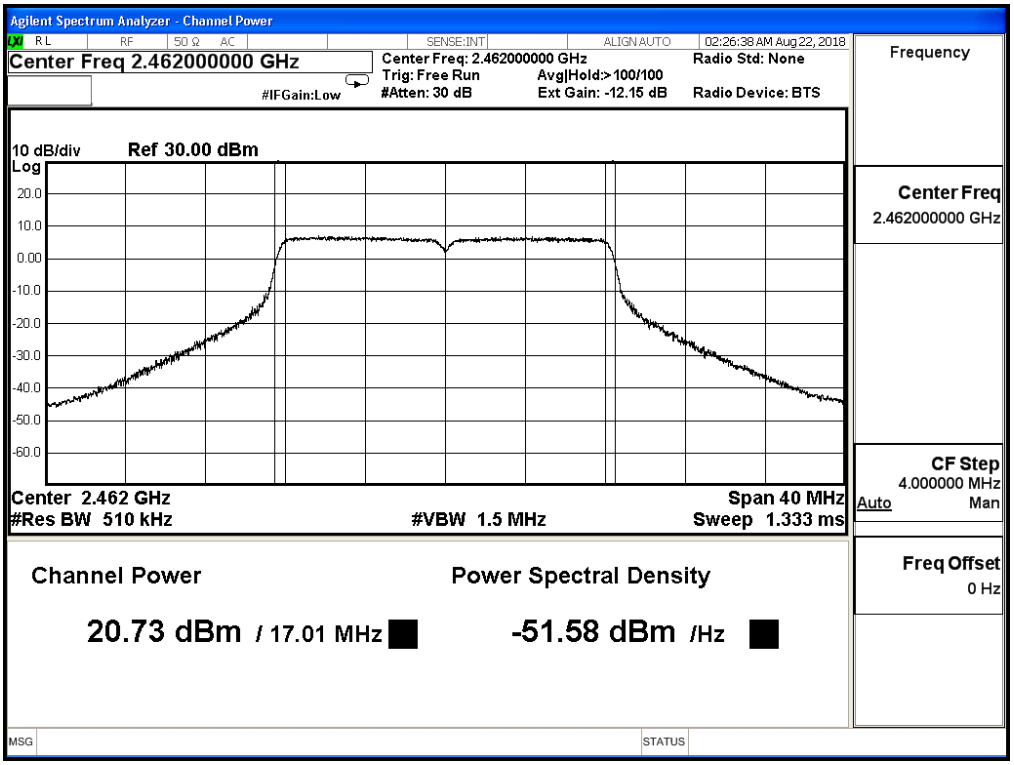
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



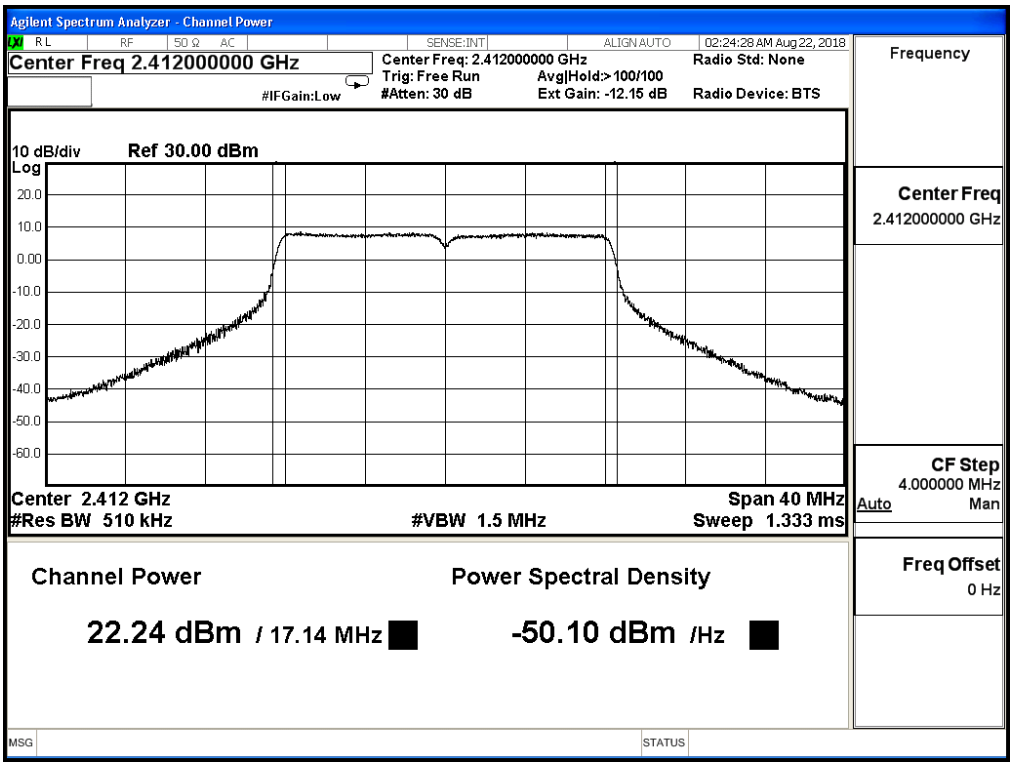
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11g (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.240	≦30
6	2437	23.570	≦30
11	2462	20.340	≦30

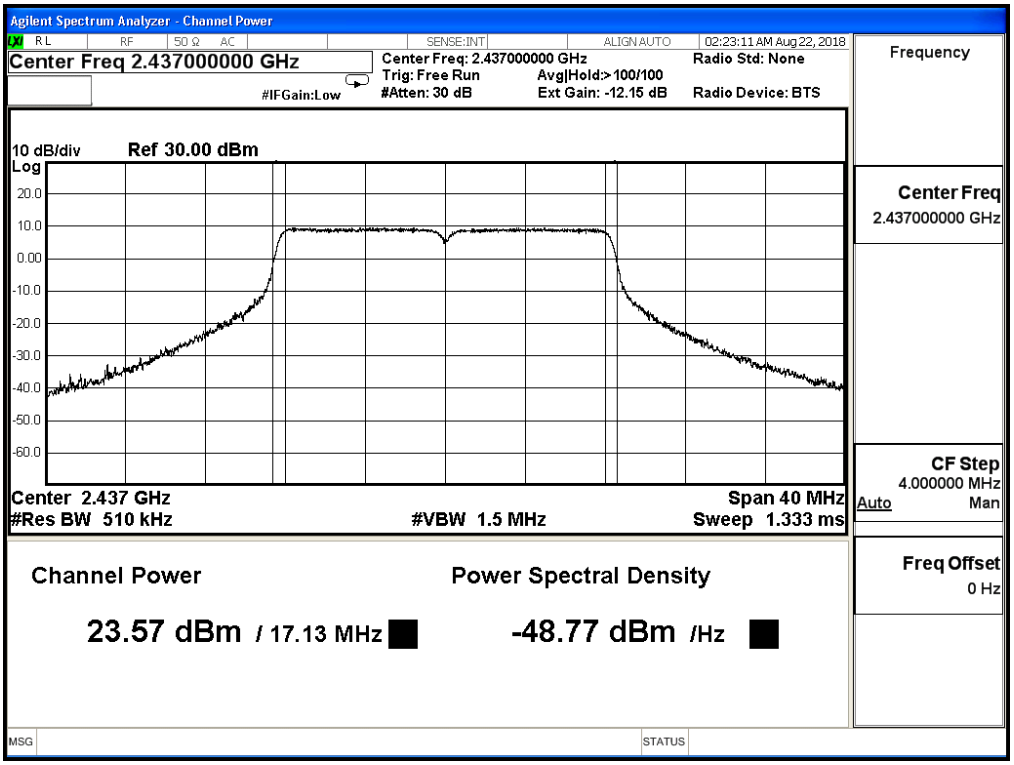
The worst emission of data rate is 6Mbps

Maximum peak conducted output power (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	22.240	--	--	--	--	--	--	≦30
6	2437	23.570	23.610	23.580	23.540	23.510	23.480	23.440	≦30
11	2462	20.340	--	--	--	--	--	--	≦30

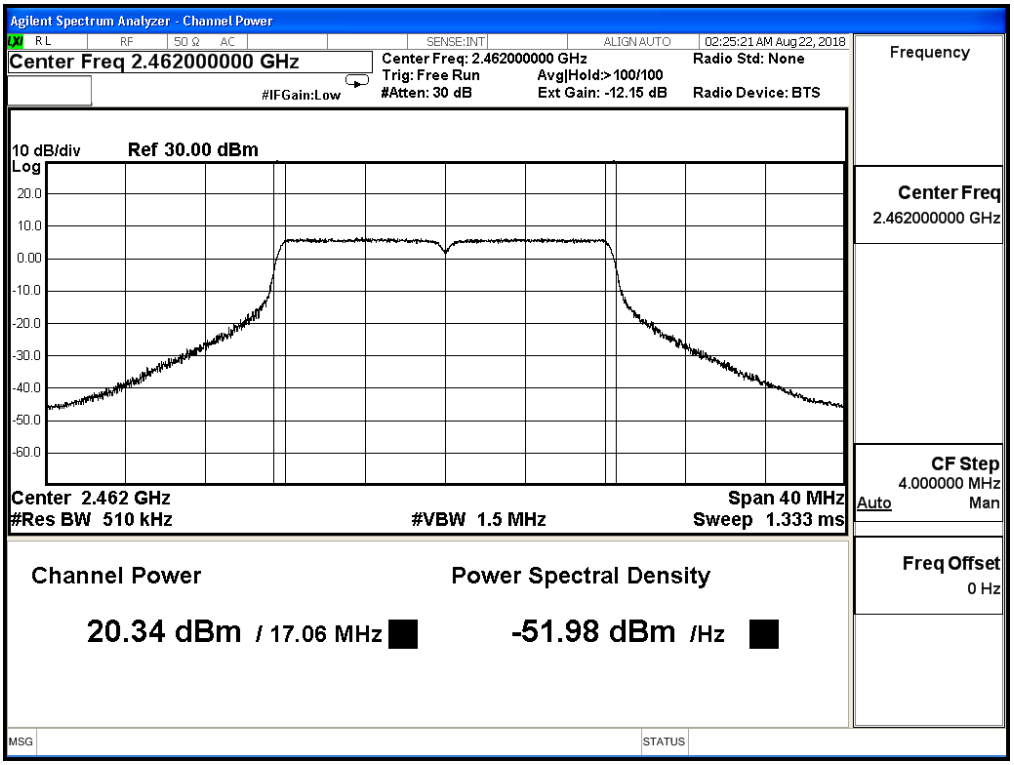
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11g (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	28.434	≦30
6	2437	29.805	≦30
11	2462	26.441	≦30

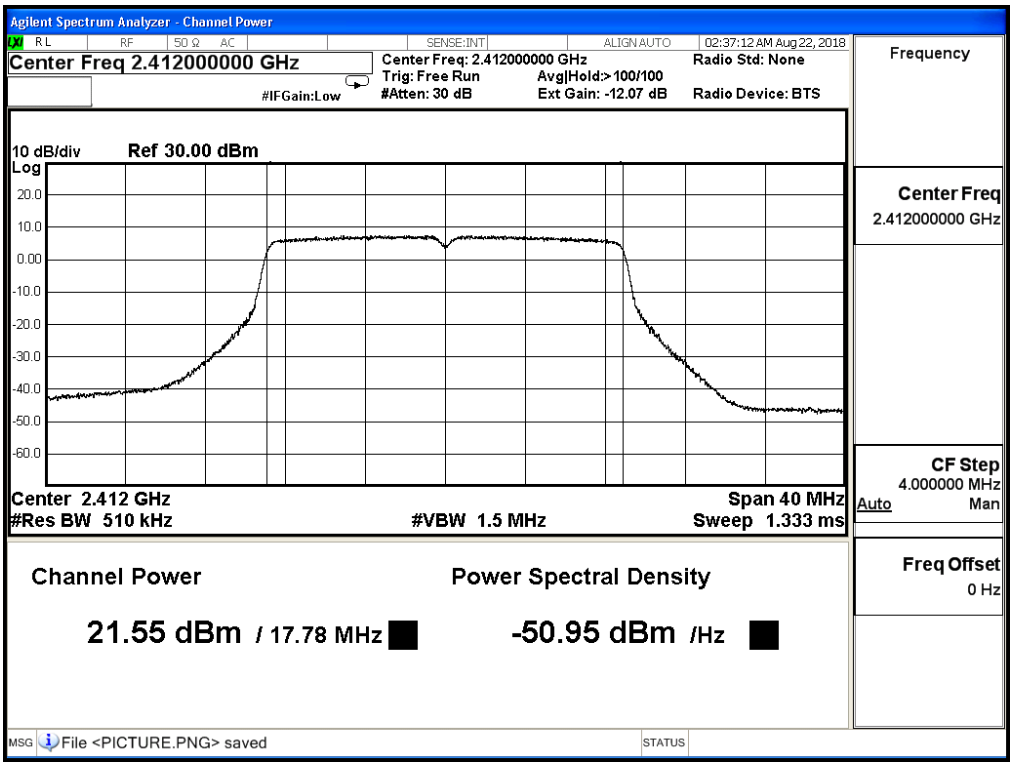
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.550	≦30
6	2437	24.110	≦30
11	2462	20.700	≦30

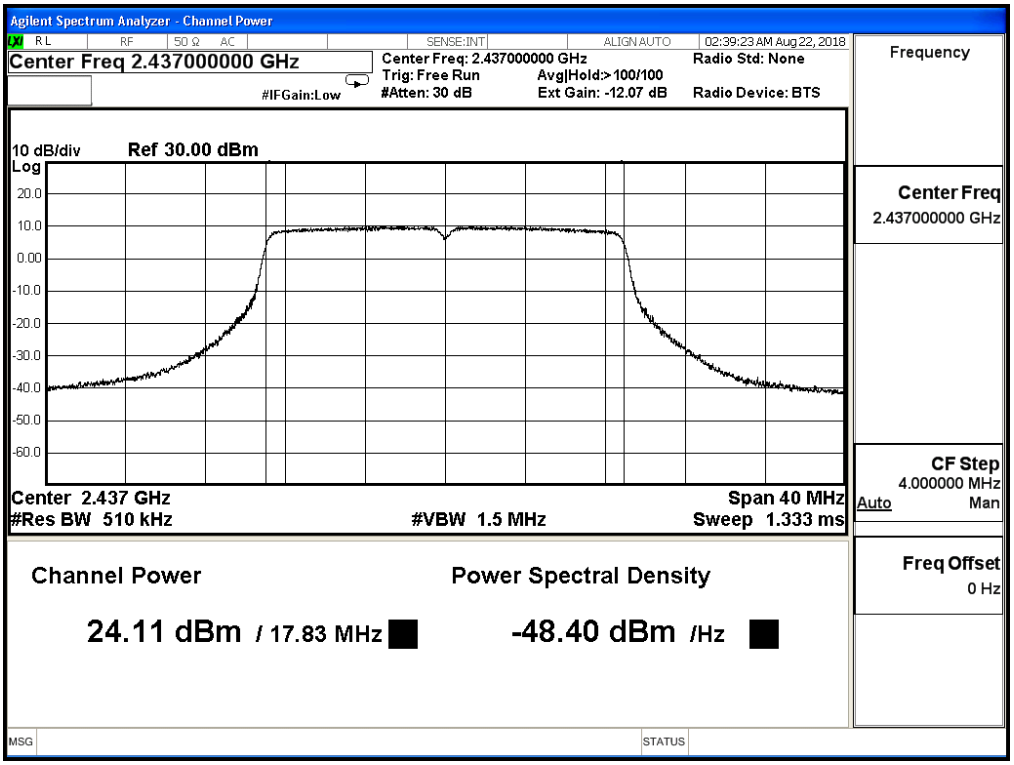
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel No	Frequency (MHz)	MCS Index										Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
1	2412	21.550	--	--	--	--	--	--	--	--	--	≦30
6	2437	24.110	24.080	24.030	24.010	23.950	23.930	23.900	23.880	23.840	23.780	≦30
11	2462	20.700	--	--	--	--	--	--	--	--	--	≦30

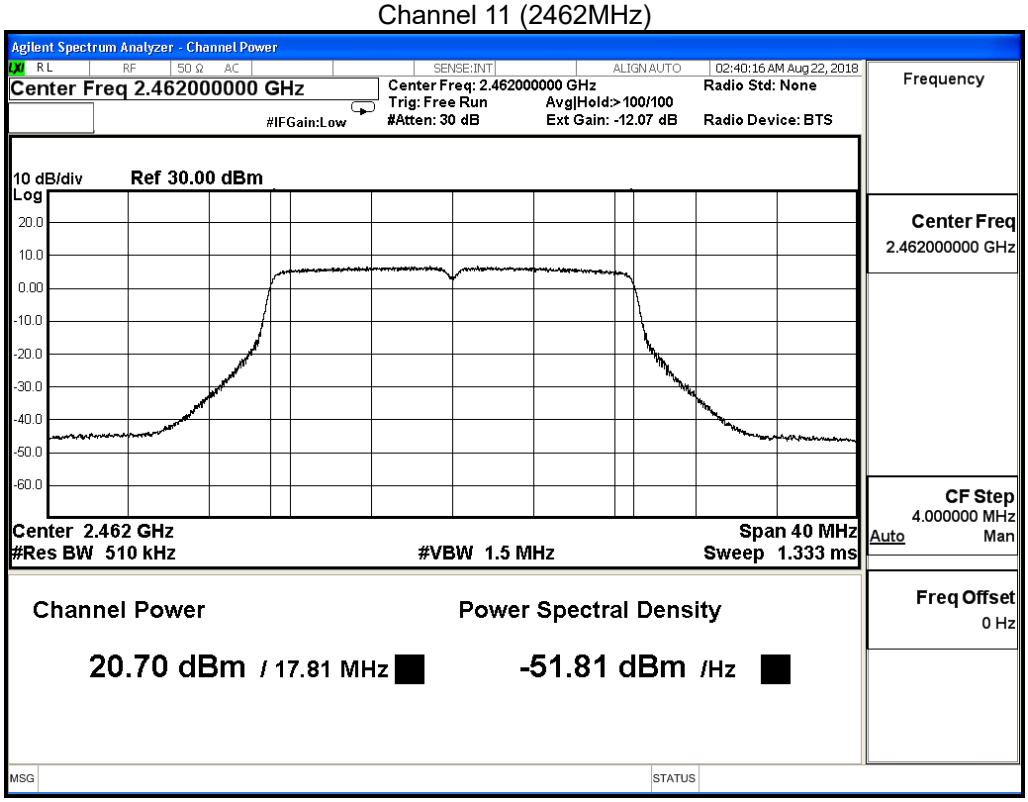
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



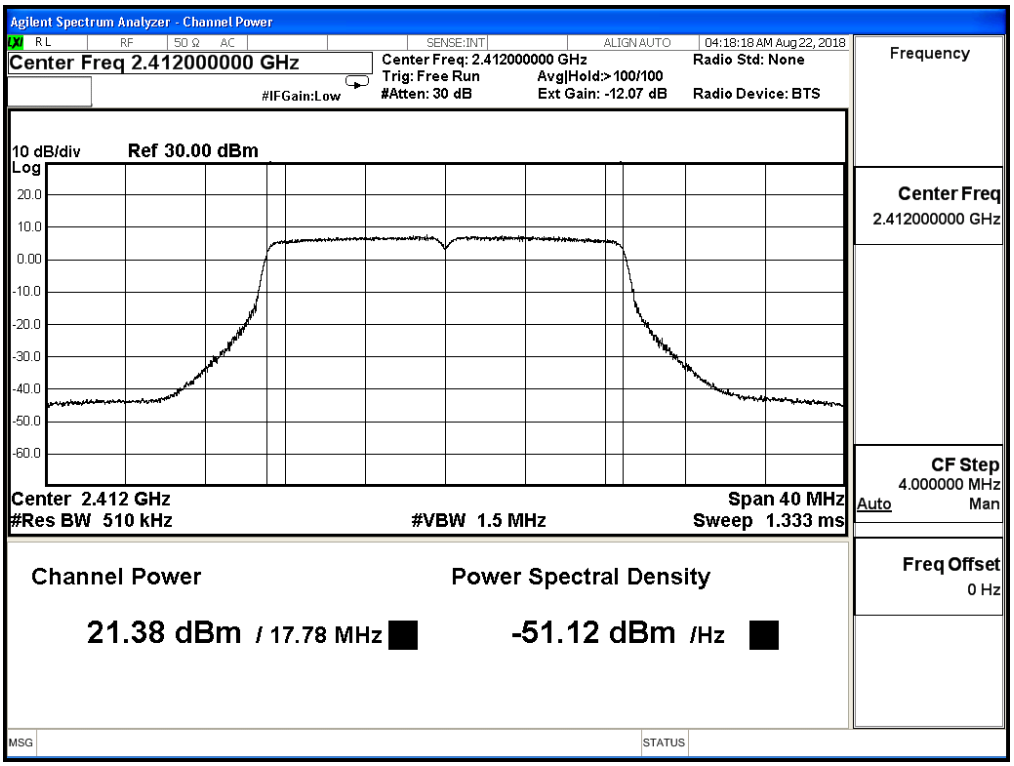
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.380	≦30
6	2437	23.670	≦30
11	2462	20.220	≦30

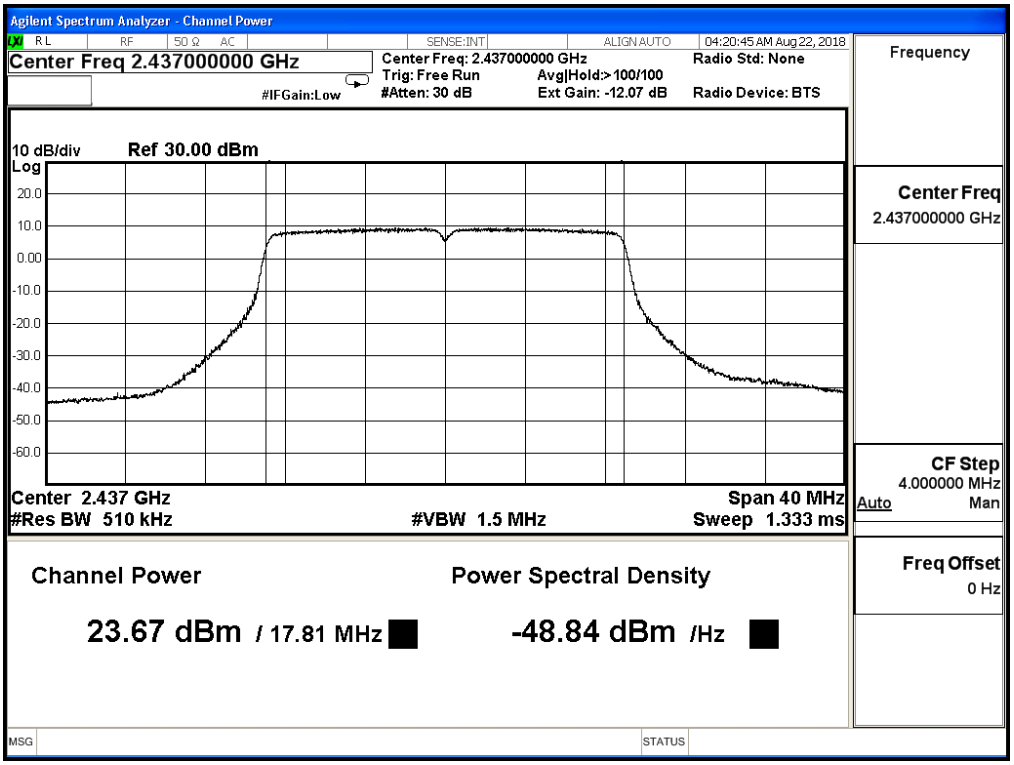
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel No	Frequency (MHz)	MCS Index										Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
1	2412	21.380	--	--	--	--	--	--	--	--	--	≦30
6	2437	23.670	23.620	23.580	23.550	23.510	23.440	23.420	23.390	23.340	23.300	≦30
11	2462	20.220	--	--	--	--	--	--	--	--	--	≦30

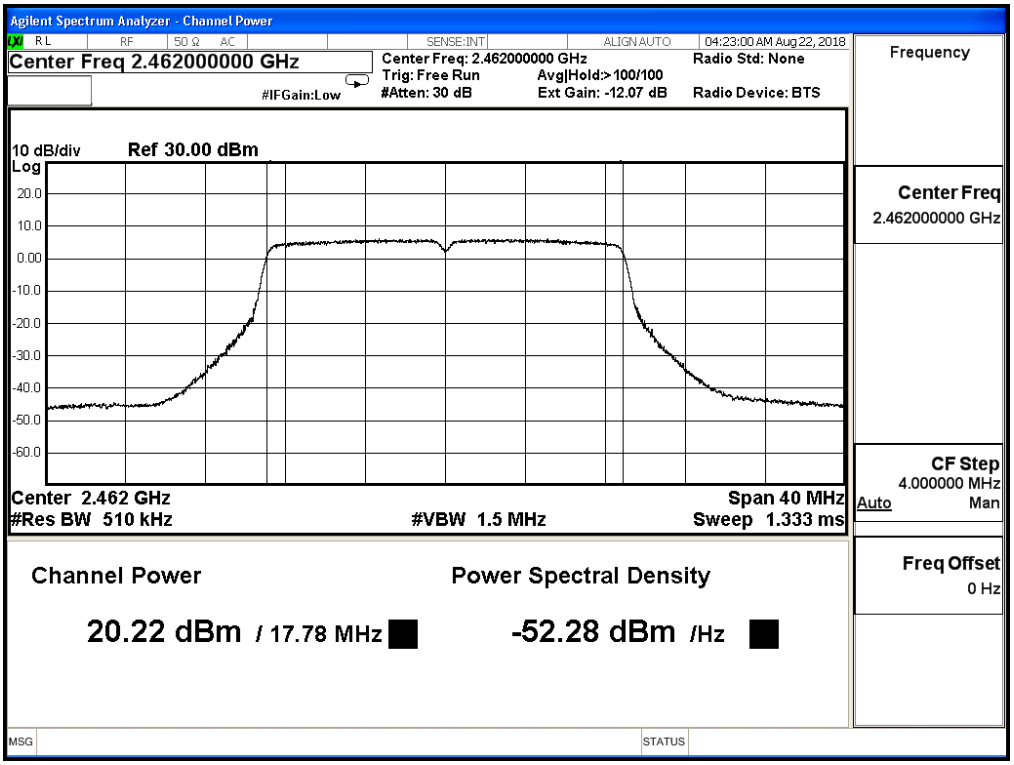
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



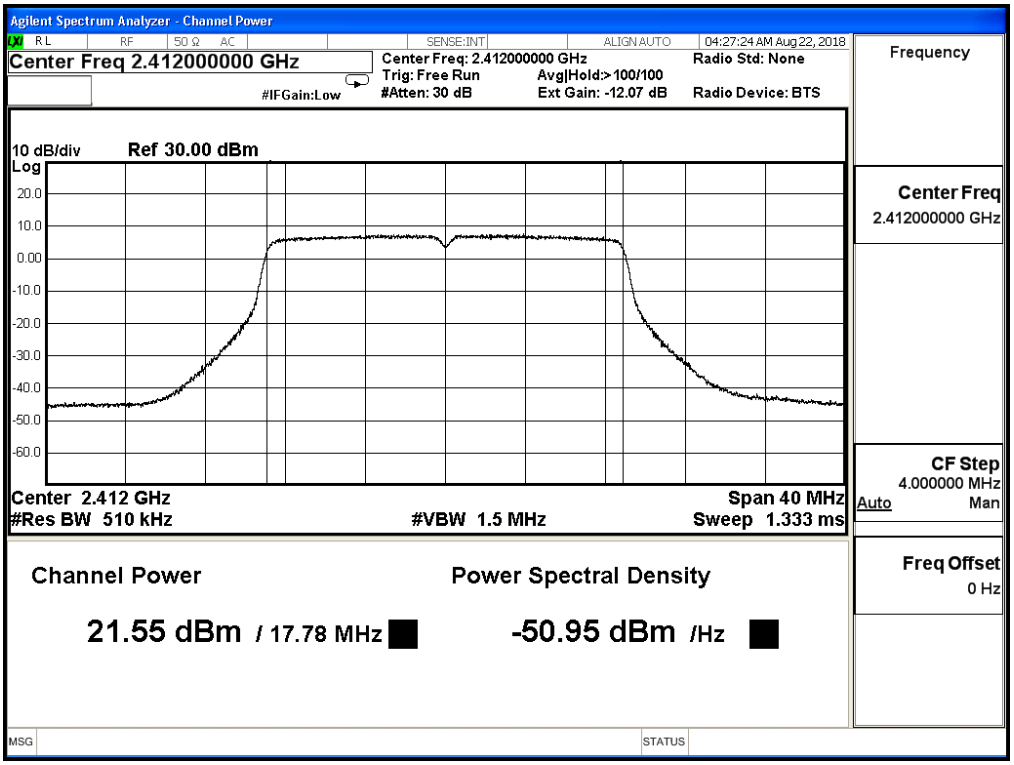
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.550	≦30
6	2437	23.990	≦30
11	2462	20.530	≦30

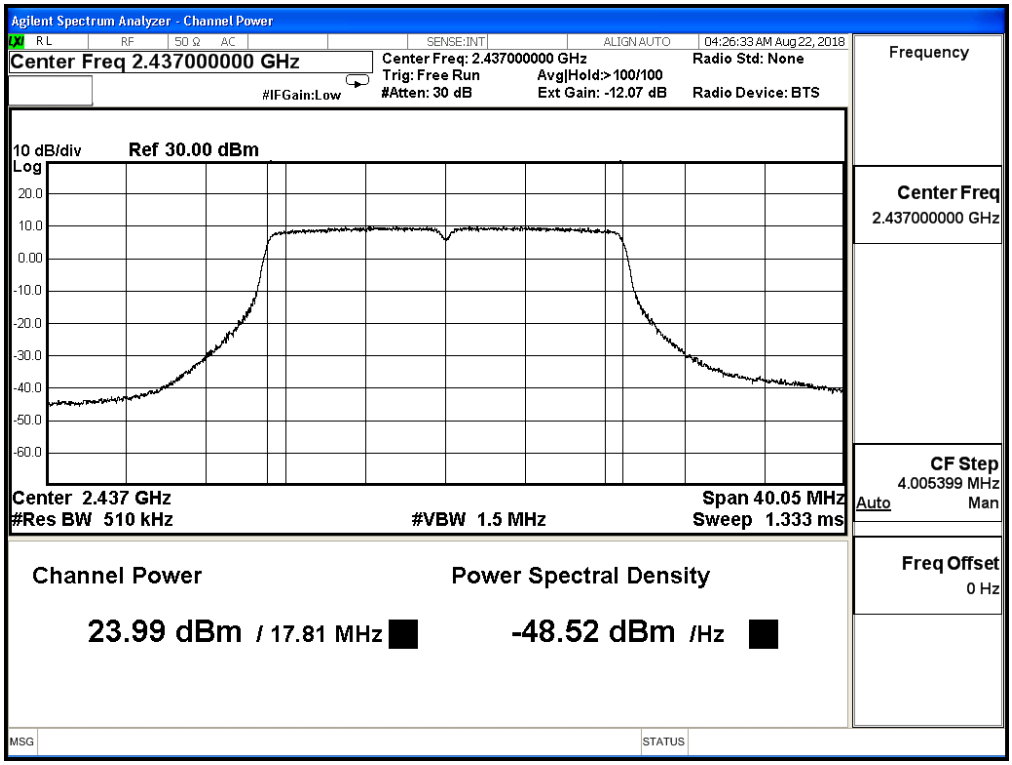
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel No	Frequency (MHz)	MCS Index										Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
1	2412	21.550	--	--	--	--	--	--	--	--	--	≦30
6	2437	23.990	23.870	23.820	23.780	23.710	23.660	23.570	23.500	23.440	24.340	≦30
11	2462	20.530	--	--	--	--	--	--	--	--	--	≦30

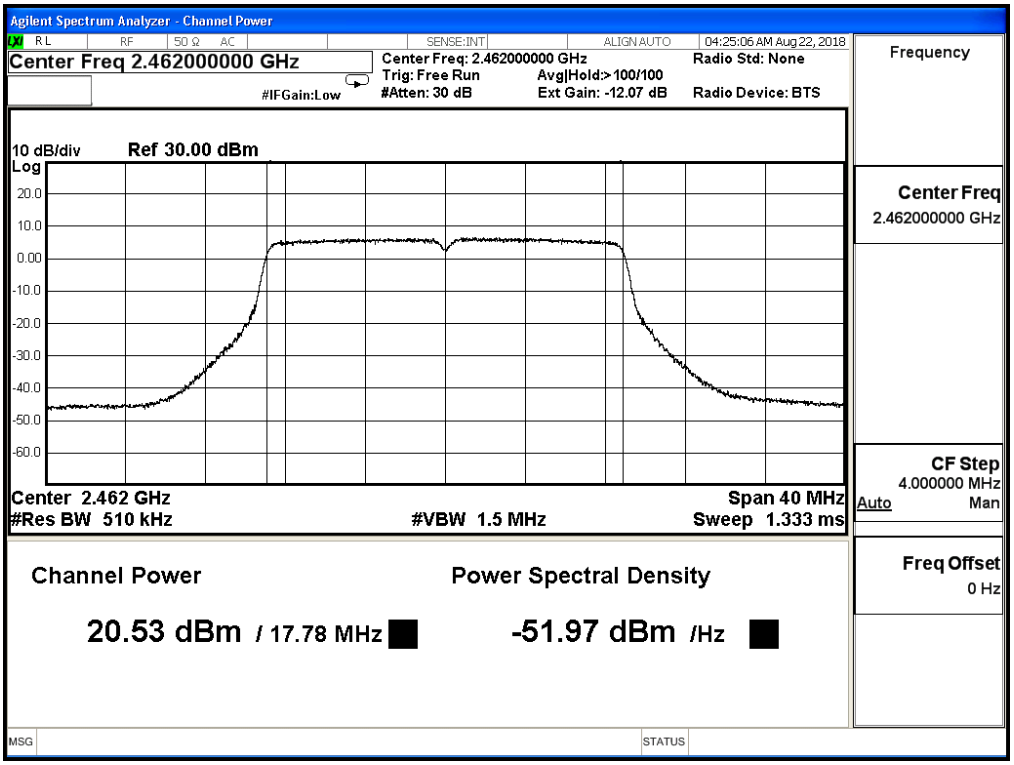
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



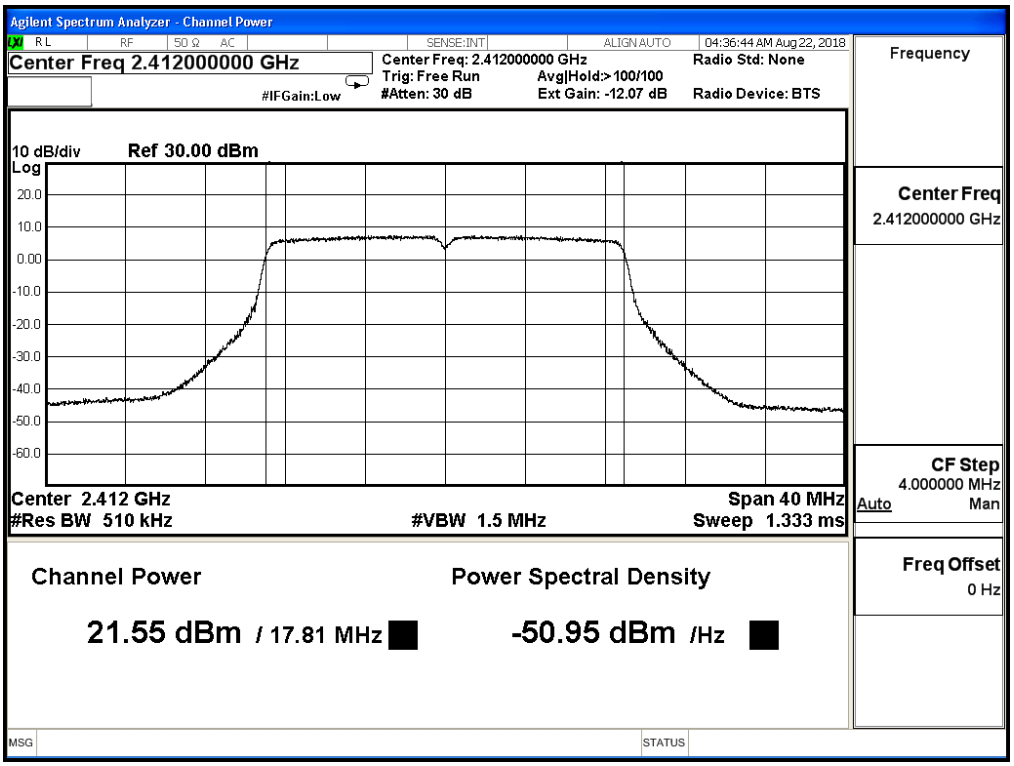
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.550	≦30
6	2437	23.650	≦30
11	2462	20.280	≦30

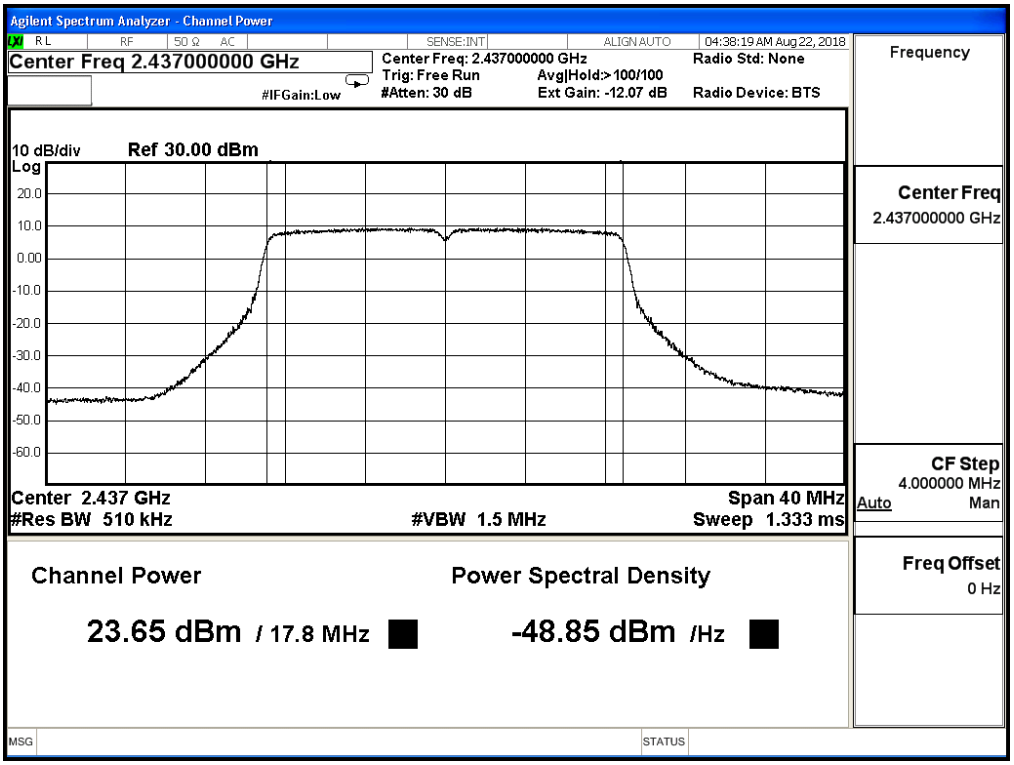
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel No	Frequency (MHz)	MCS Index										Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
1	2412	21.550	--	--	--	--	--	--	--	--	--	≦30
6	2437	23.650	23.600	23.540	23.500	23.480	23.420	23.370	23.320	23.220	23.040	≦30
11	2462	20.280	--	--	--	--	--	--	--	--	--	≦30

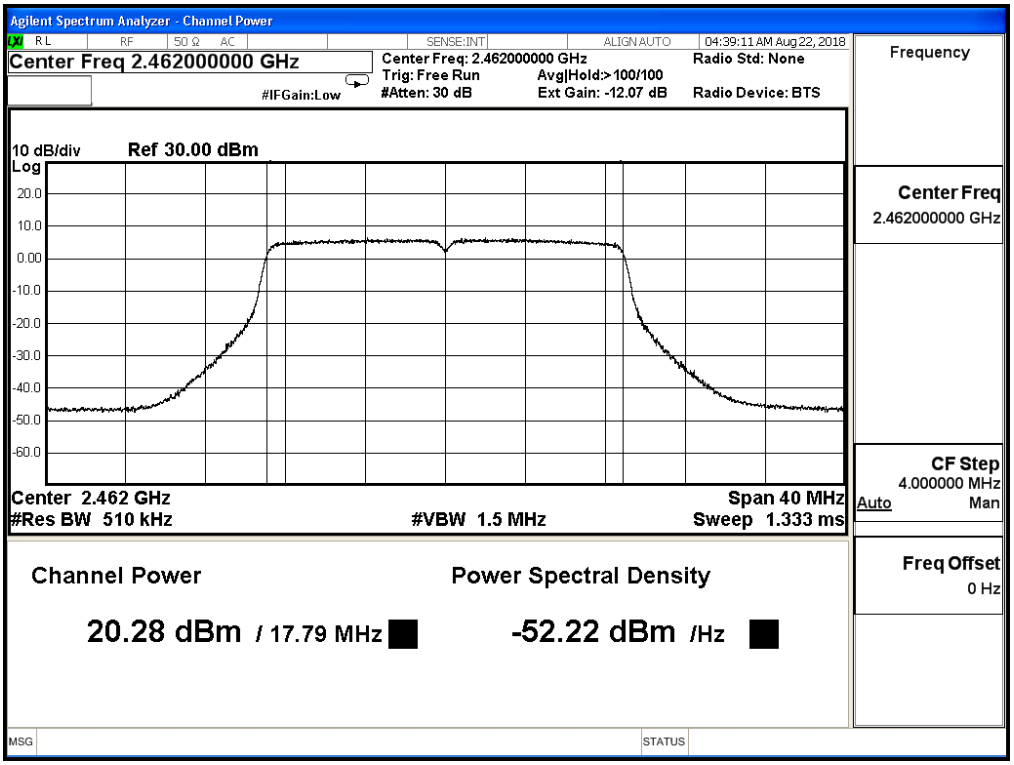
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	27.529	≦30
6	2437	29.880	≦30
11	2462	26.457	≦30

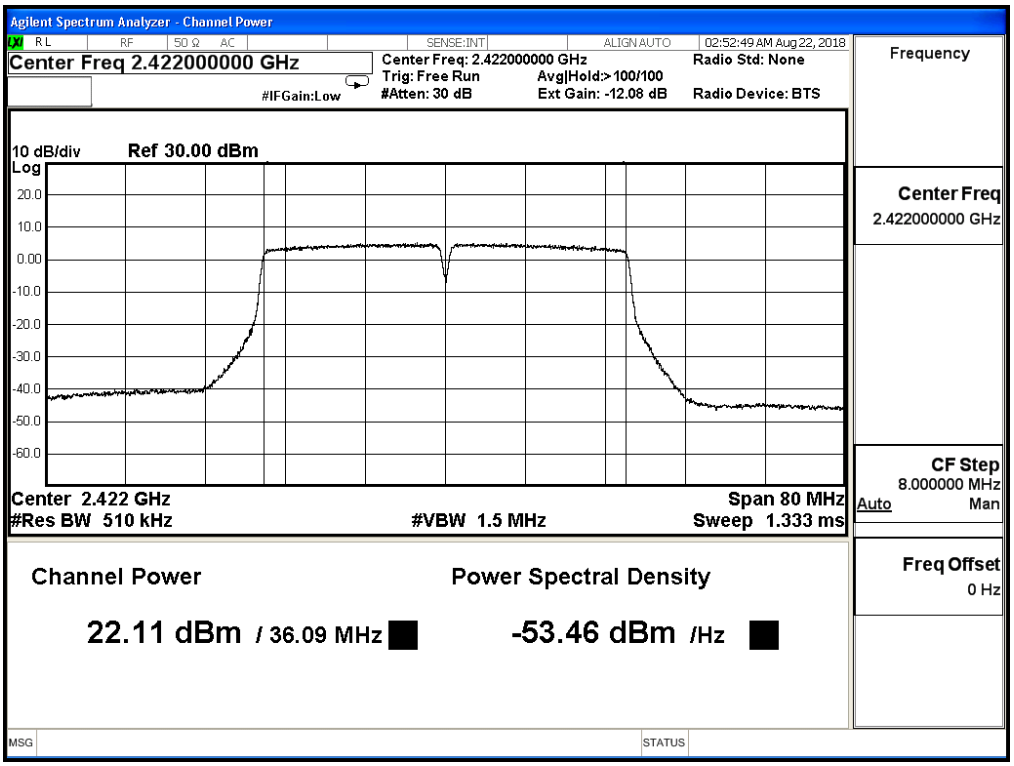
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	22.110	≦30
6	2437	21.490	≦30
9	2452	18.450	≦30

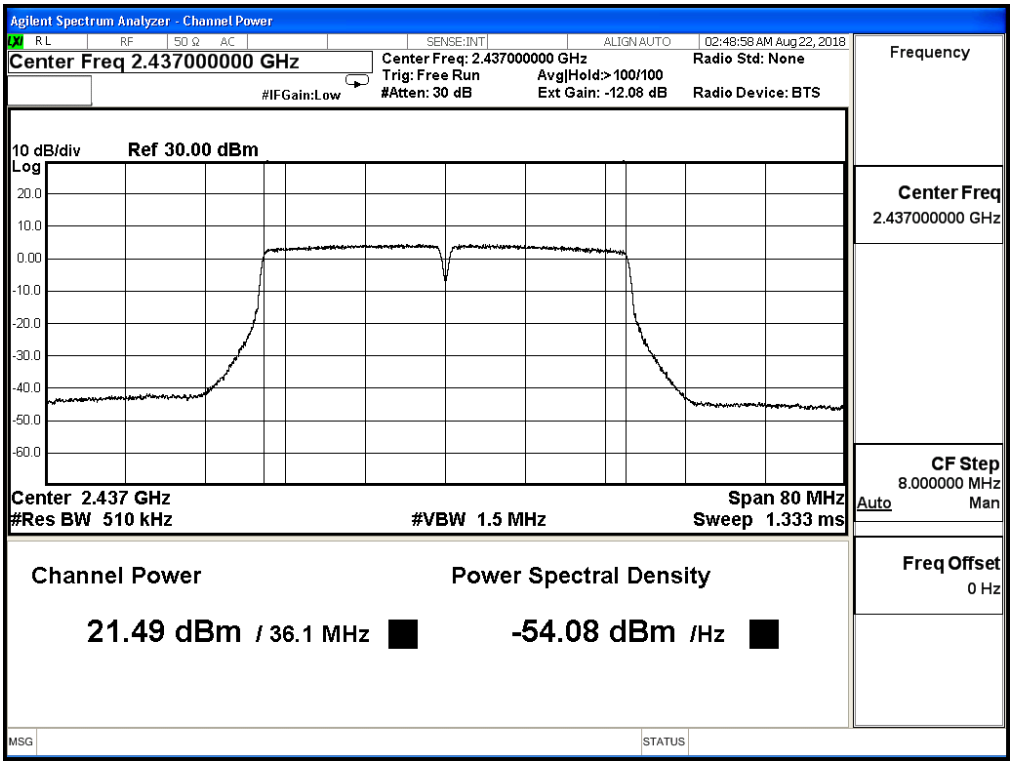
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel No	Frequency (MHz)	MCS Index										Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
3	2422	22.110	--	--	--	--	--	--	--	--	--	≦30
6	2437	21.490	21.380	21.300	21.240	21.170	21.060	20.880	20.800	20.720	20.640	≦30
9	2452	18.450	--	--	--	--	--	--	--	--	--	≦30

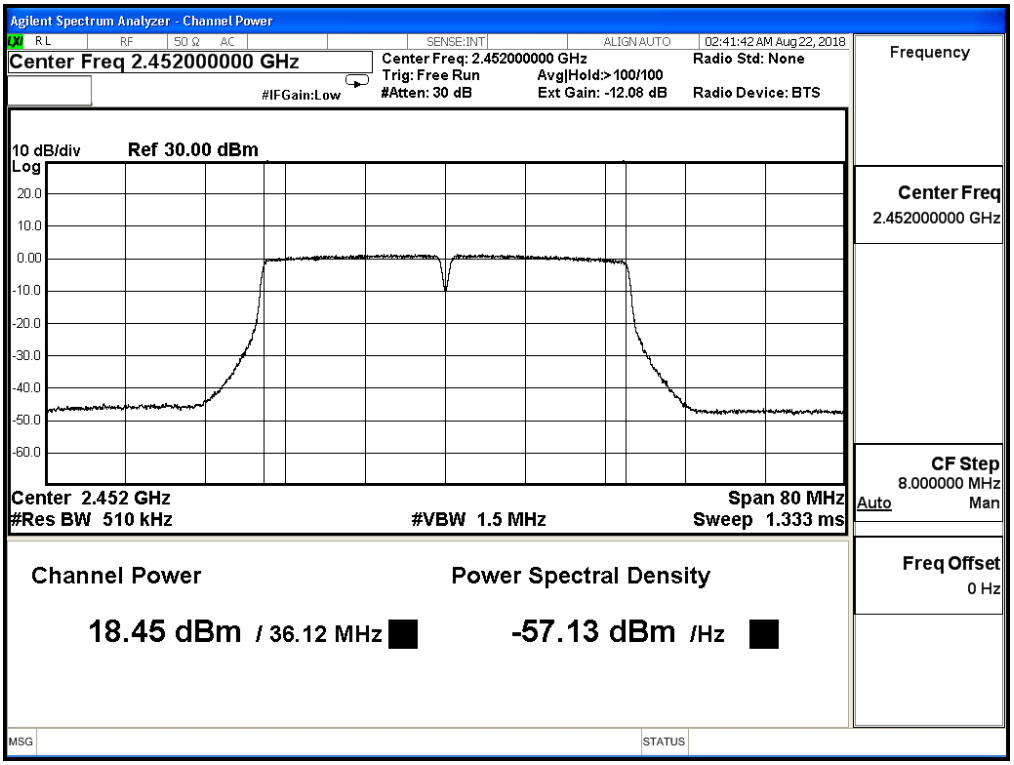
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



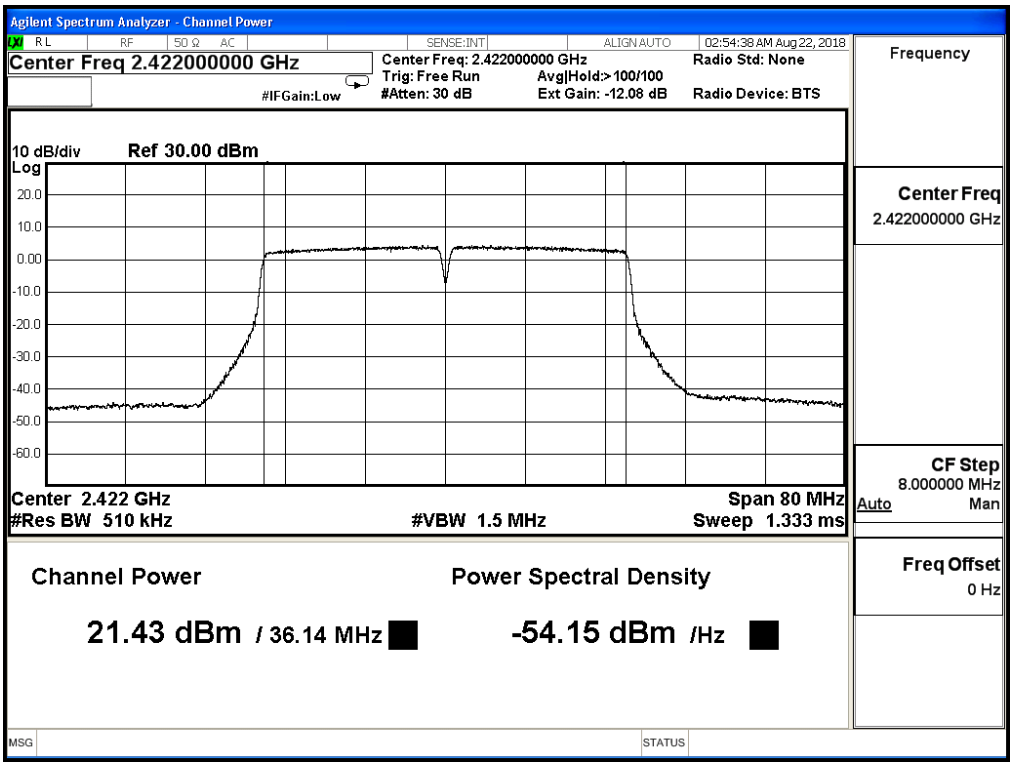
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.430	≦30
6	2437	20.840	≦30
9	2452	18.020	≦30

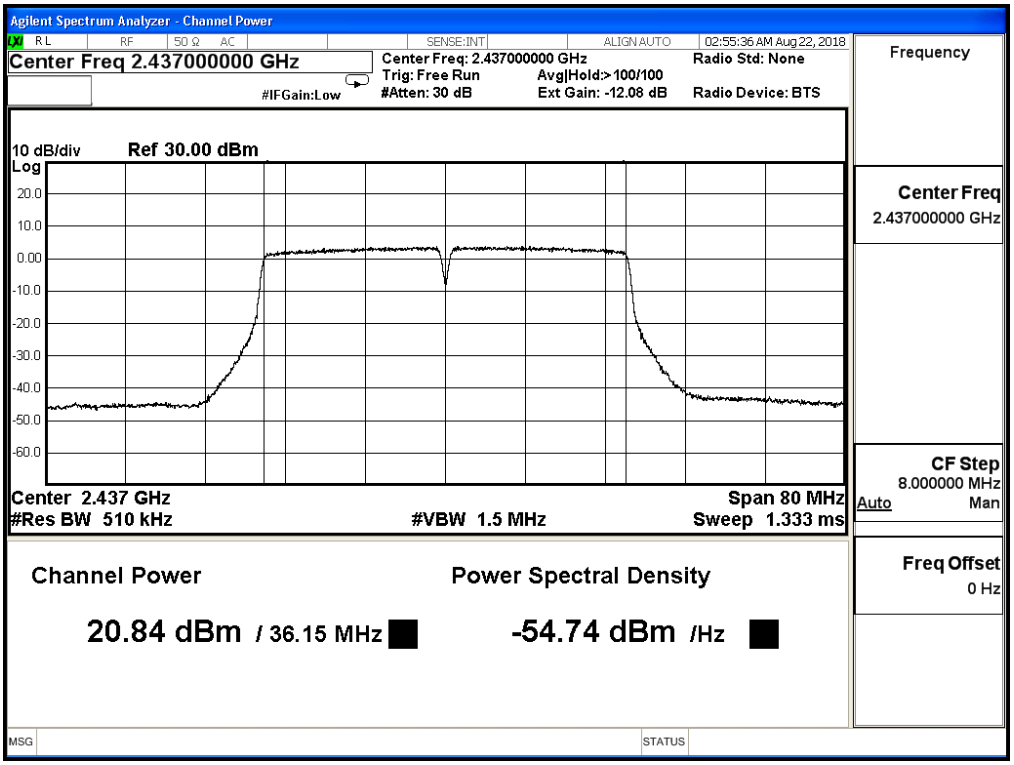
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel	Frequency	MCS Index										Limit
No	(MHz)	0	1	2	3	4	5	6	7	8	9	(dBm)
3	2422	21.430	--	--	--	--	--	--	--	--	--	≦30
6	2437	20.840	20.750	20.680	20.510	20.380	20.200	20.080	19.870	19.760	19.550	≦30
9	2452	18.020	--	--	--	--	--	--	--	--	--	≦30

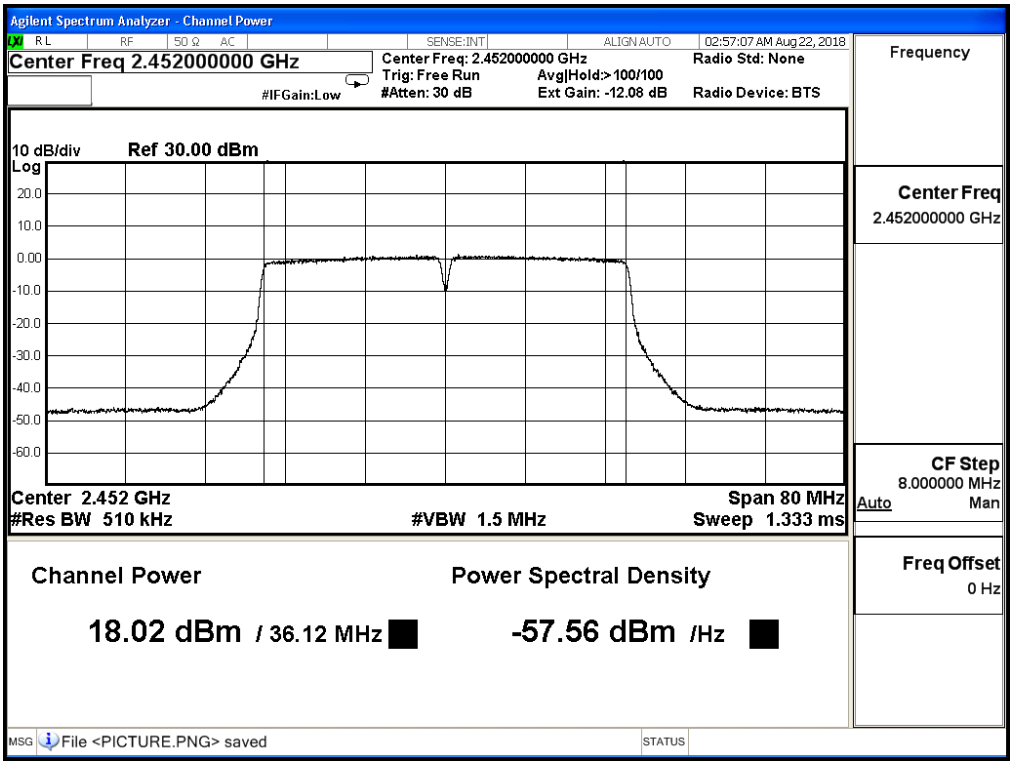
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



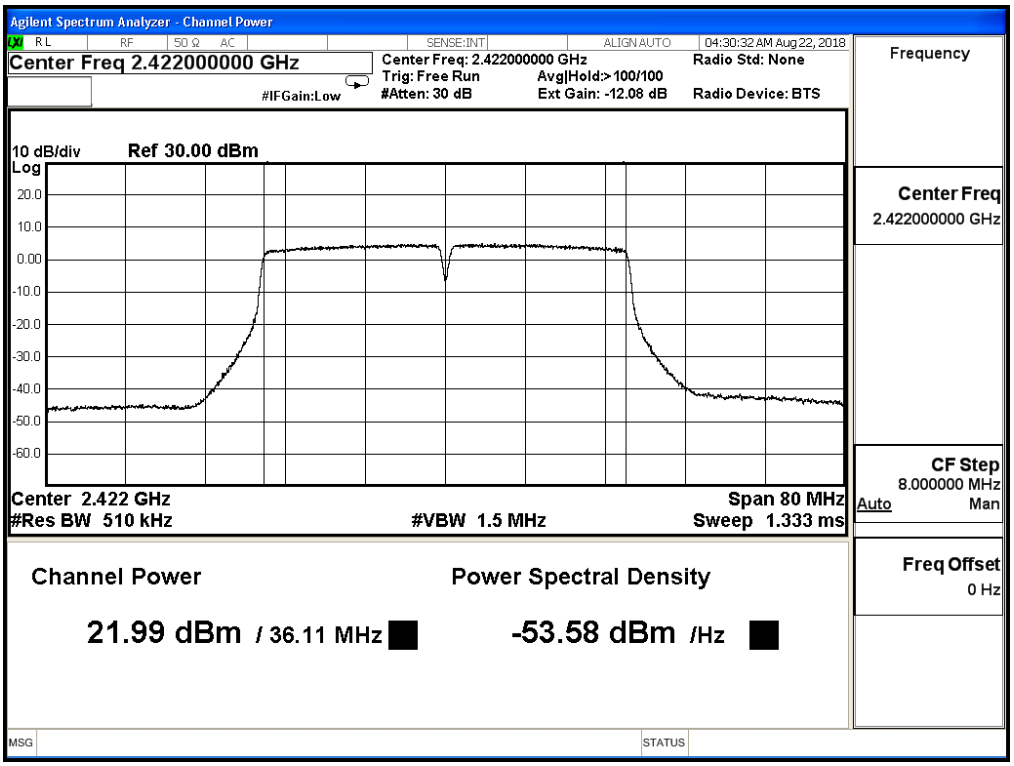
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.990	≦30
6	2437	21.560	≦30
9	2452	18.600	≦30

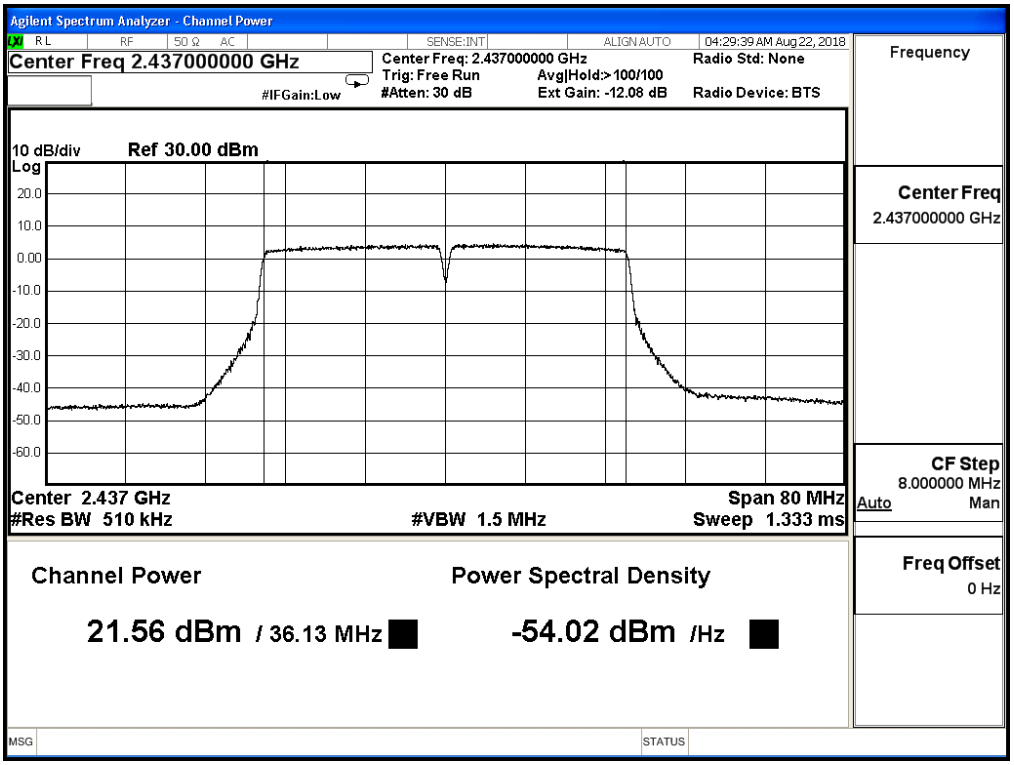
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel	Frequency	MCS Index										Limit
No	(MHz)	0	1	2	3	4	5	6	7	8	9	(dBm)
3	2422	21.990	--	--	--	--	--	--	--	--	--	≦30
6	2437	21.560	21.350	21.210	21.020	20.900	20.750	20.610	20.550	20.340	20.100	≦30
9	2452	18.600	--	--	--	--	--	--	--	--	--	≦30

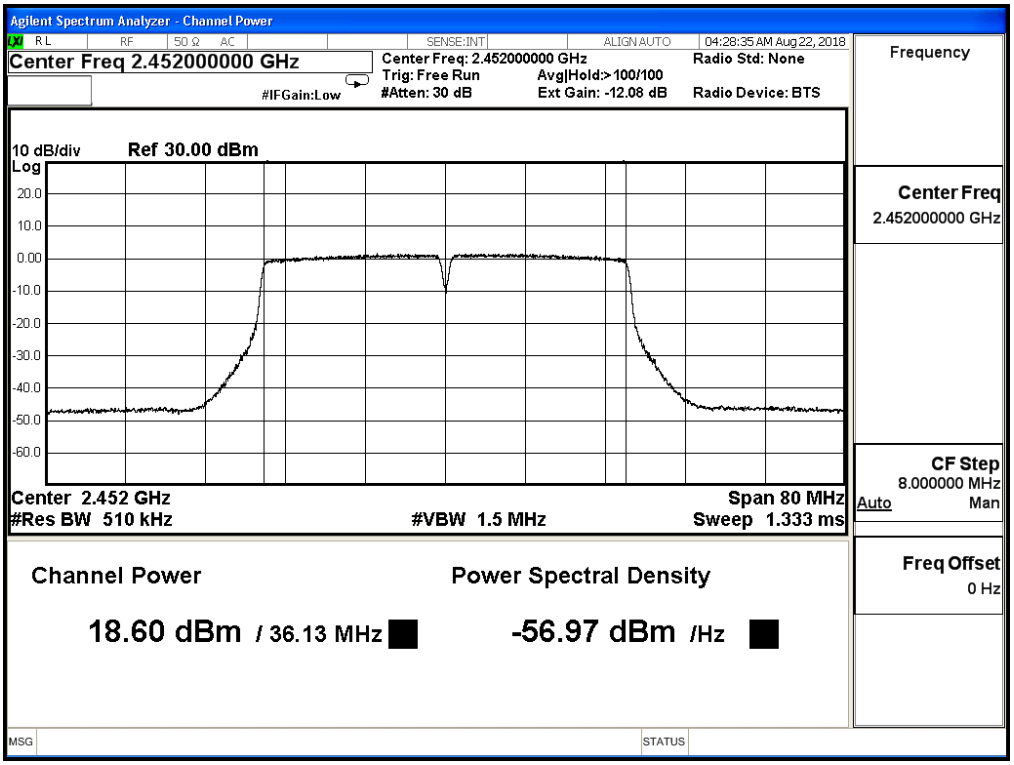
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



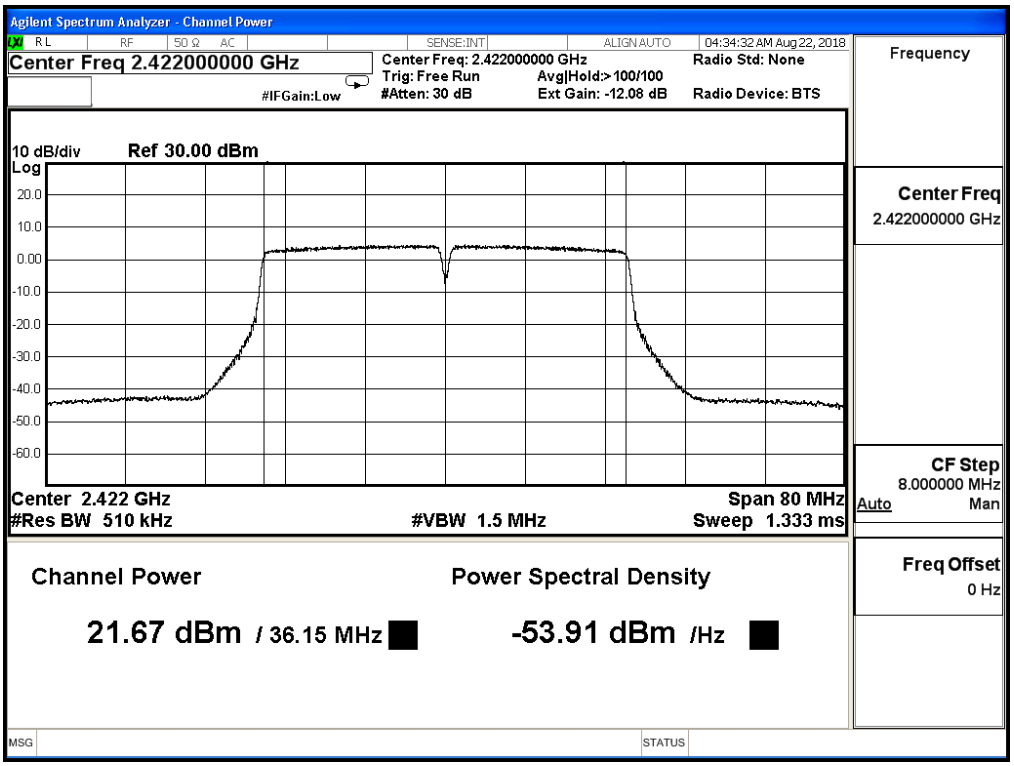
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.670	≦30
6	2437	20.870	≦30
9	2452	17.870	≦30

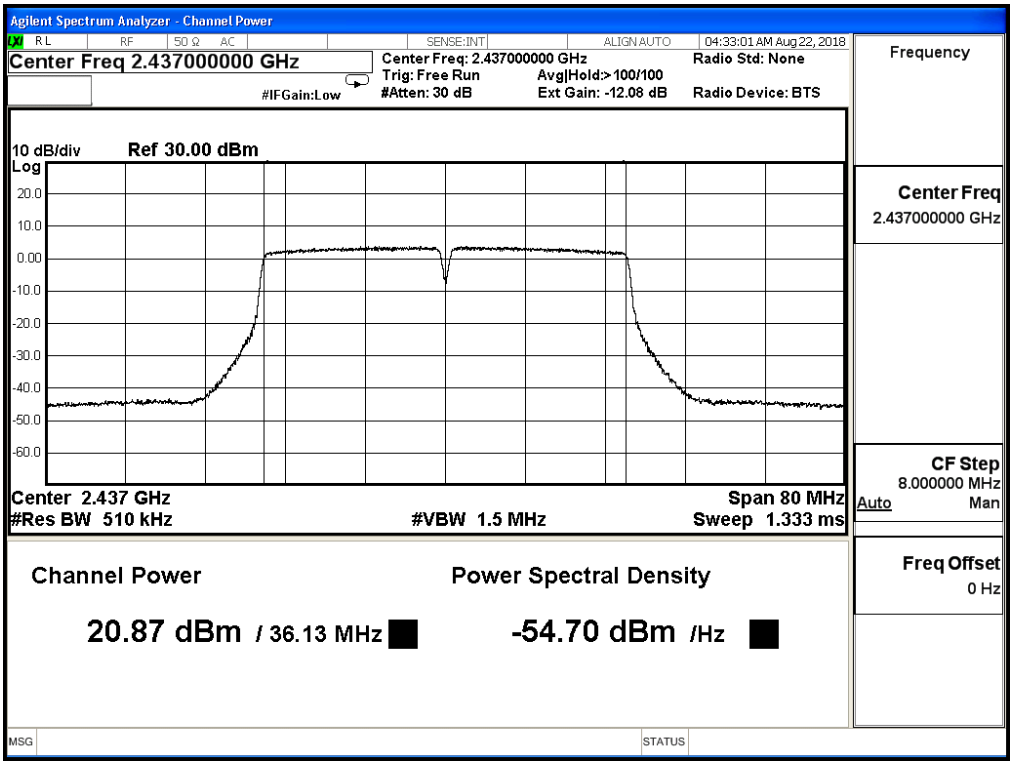
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)												
Channel	Frequency	MCS Index										Limit
No	(MHz)	0	1	2	3	4	5	6	7	8	9	(dBm)
3	2422	21.670	--	--	--	--	--	--	--	--	--	≦30
6	2437	20.870	20.720	20.350	20.100	19.880	19.720	19.550	19.330	19.110	19.020	≦30
9	2452	17.870	--	--	--	--	--	--	--	--	--	≦30

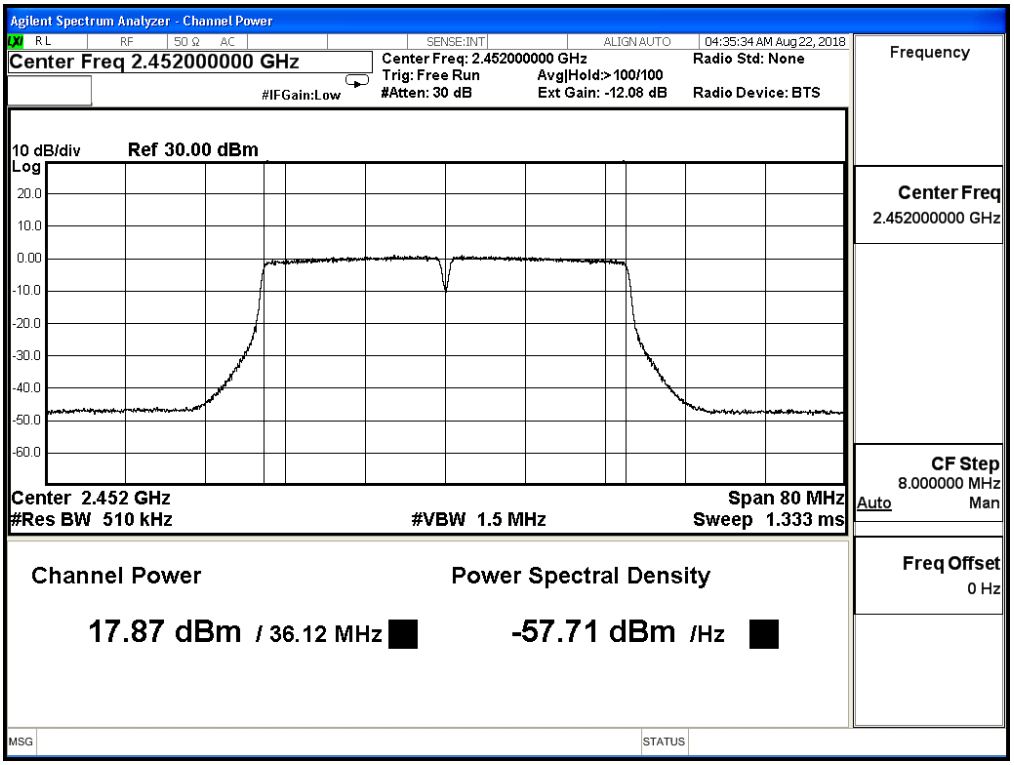
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	27.829	≦30
6	2437	27.224	≦30
9	2452	24.266	≦30

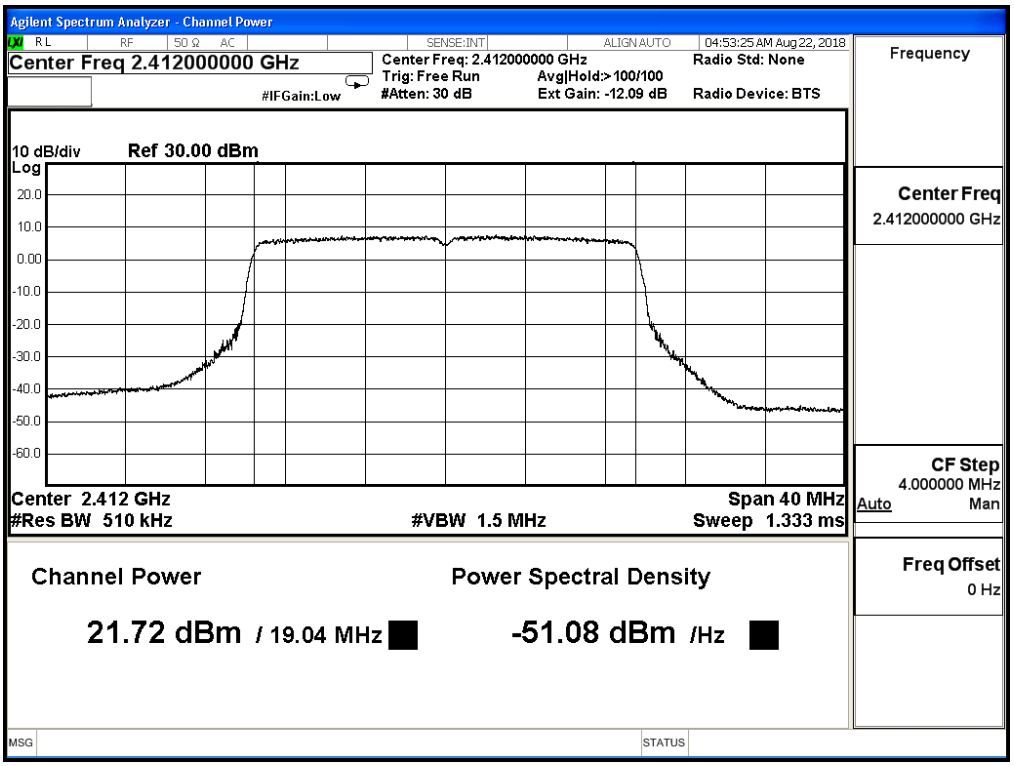
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.720	≦30
6	2437	24.060	≦30
11	2462	19.710	≦30

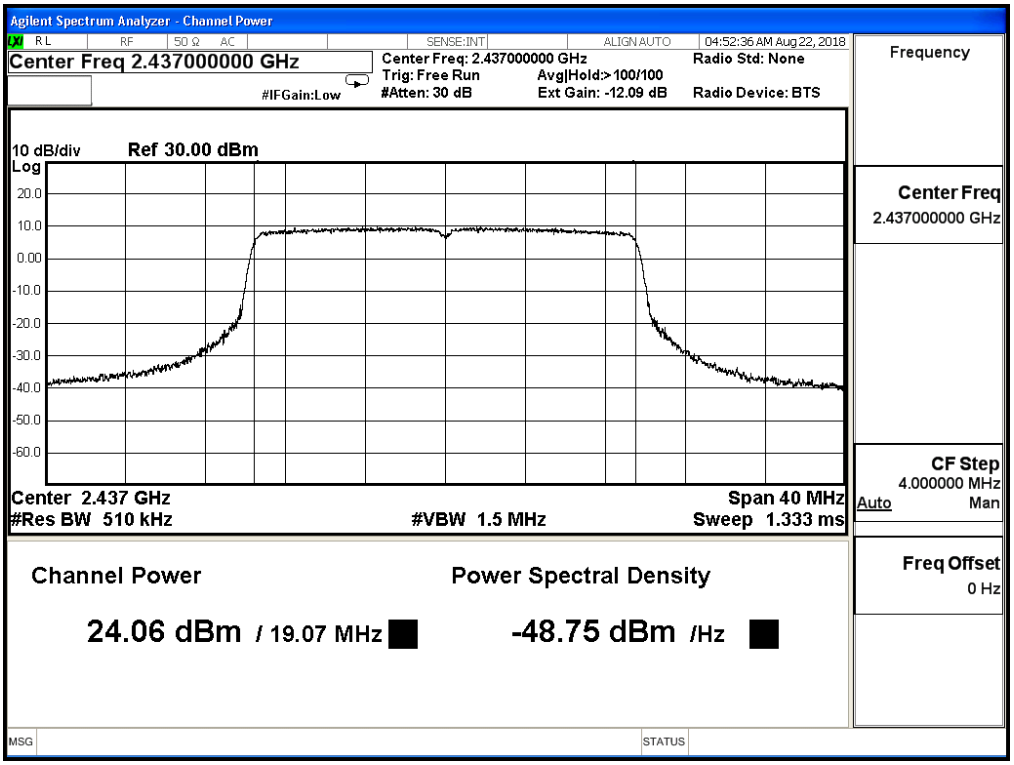
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
1	2412	21.720	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	24.060	23.880	23.650	23.440	23.210	23.020	22.880	22.710	22.530	22.120	21.990	21.680	≦30
11	2462	19.710	--	--	--	--	--	--	--	--	--	--	--	≦30

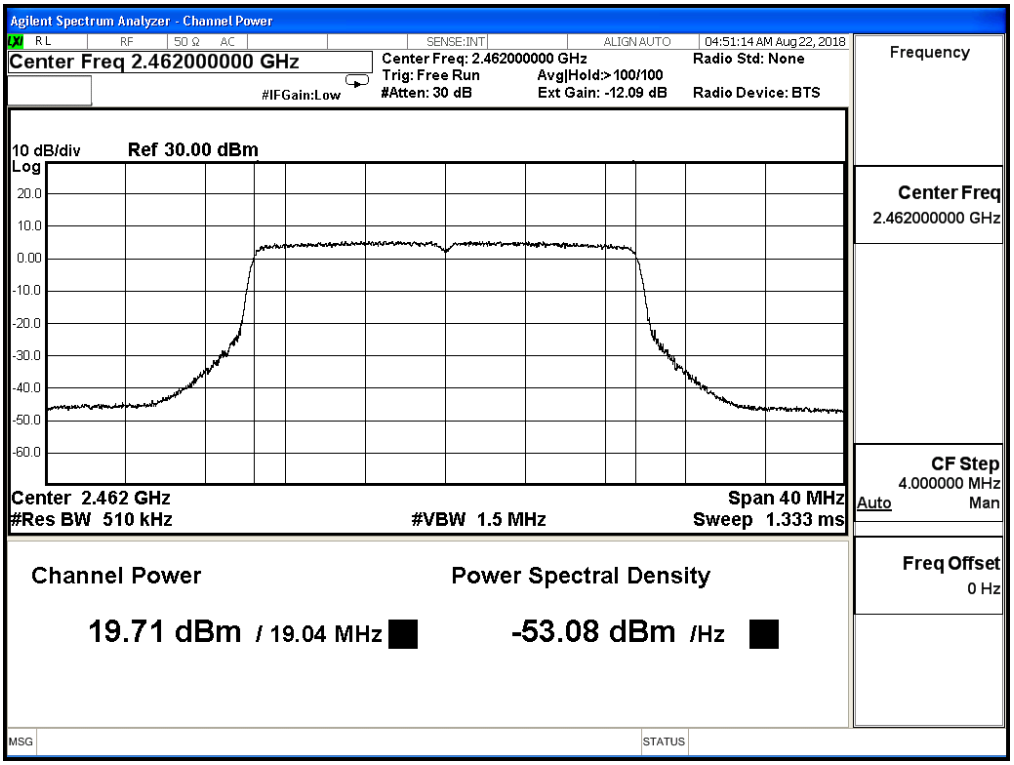
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



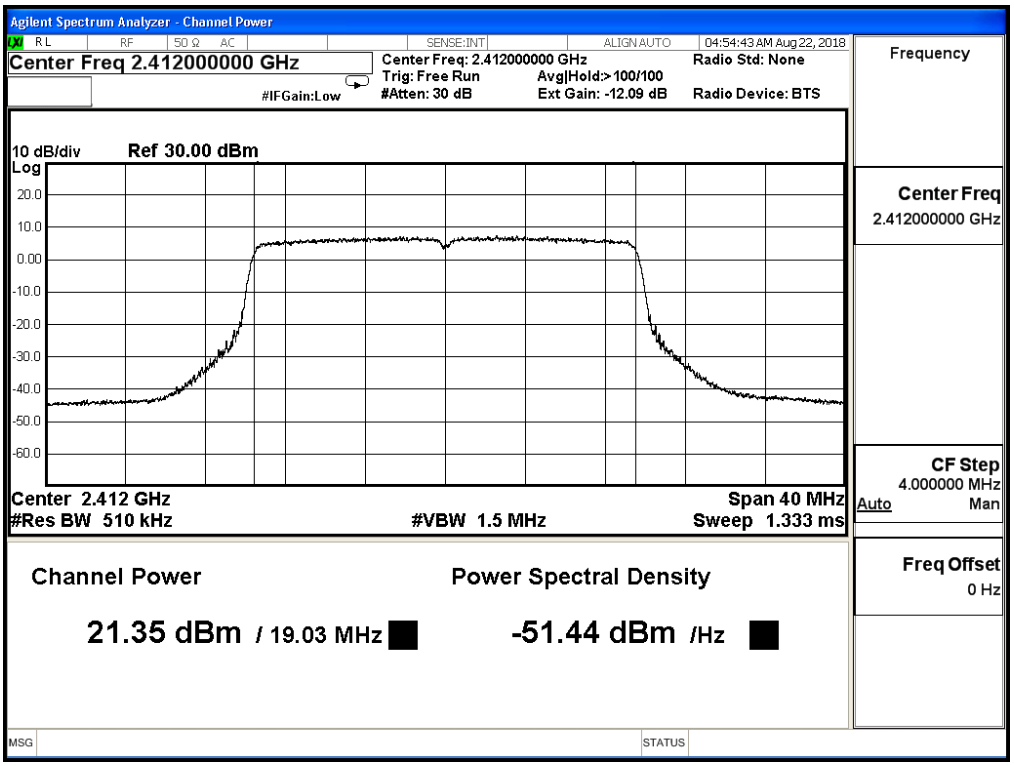
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.350	≦30
6	2437	23.680	≦30
11	2462	19.320	≦30

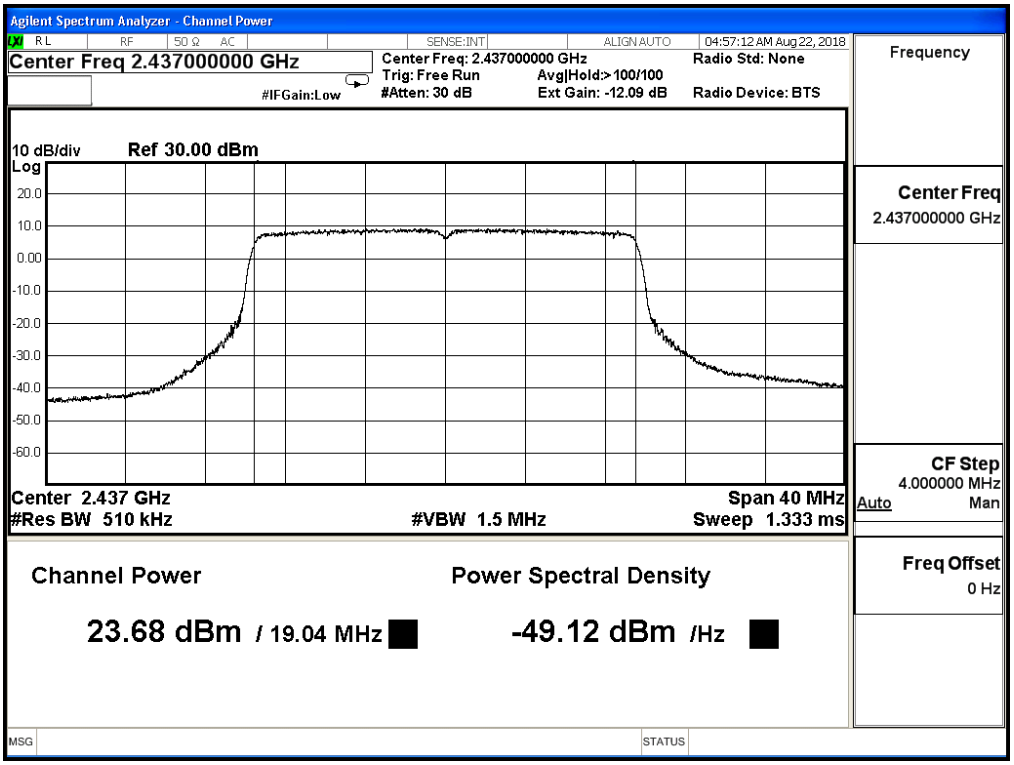
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel	Frequency	MCS Index												Limit
No	(MHz)	0	1	2	3	4	5	6	7	8	9	10	11	(dBm)
1	2412	21.35	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	23.68	23.21	23.10	22.88	22.72	22.41	22.22	22.07	21.67	21.41	21.22	20.99	≦30
11	2462	19.32	--	--	--	--	--	--	--	--	--	--	--	≦30

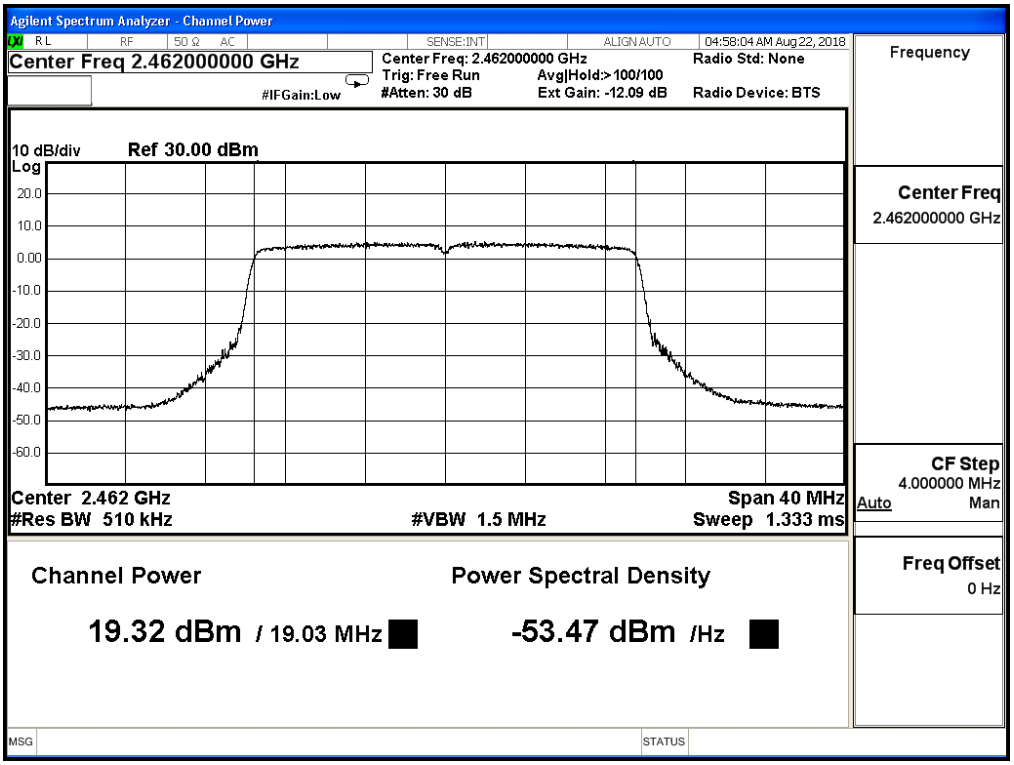
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



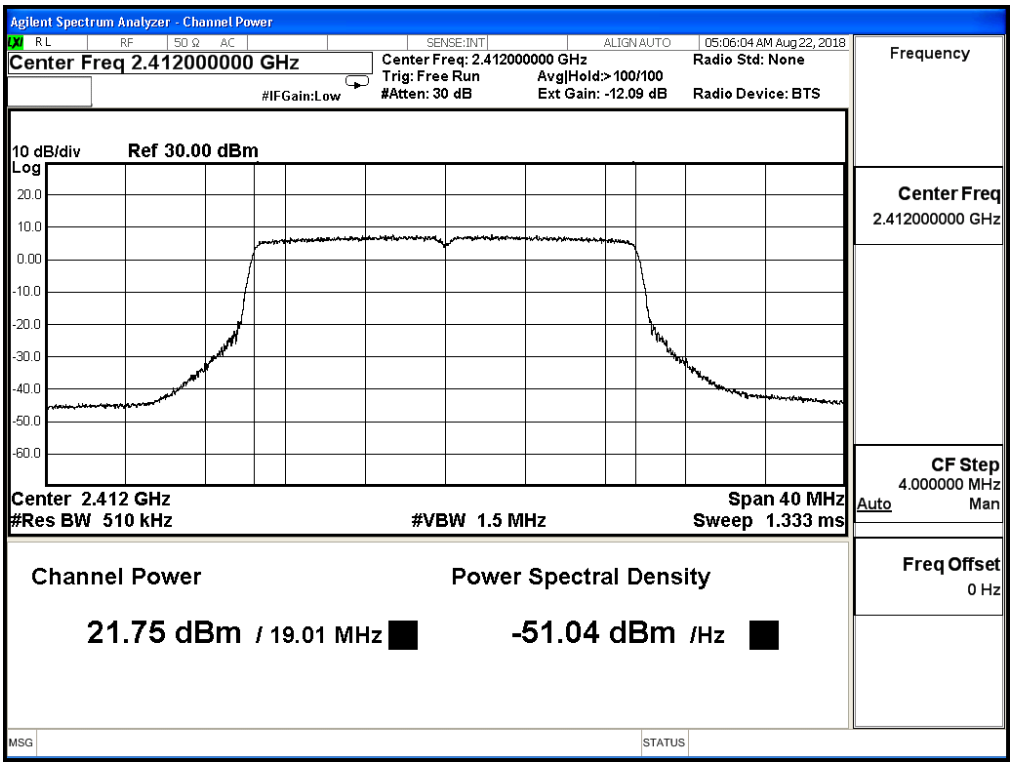
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.750	≦30
6	2437	24.200	≦30
11	2462	19.850	≦30

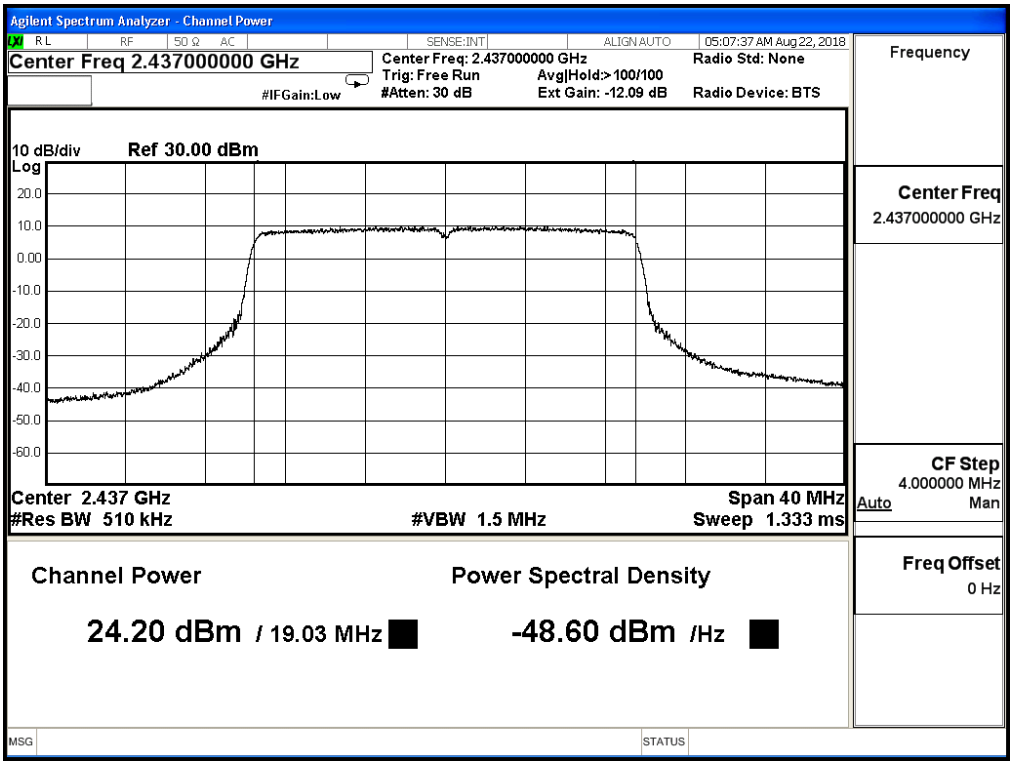
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
1	2412	21.75	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	24.20	24.02	23.94	23.45	23.31	23.05	22.75	22.44	22.15	21.78	21.52	21.24	≦30
11	2462	19.85	--	--	--	--	--	--	--	--	--	--	--	≦30

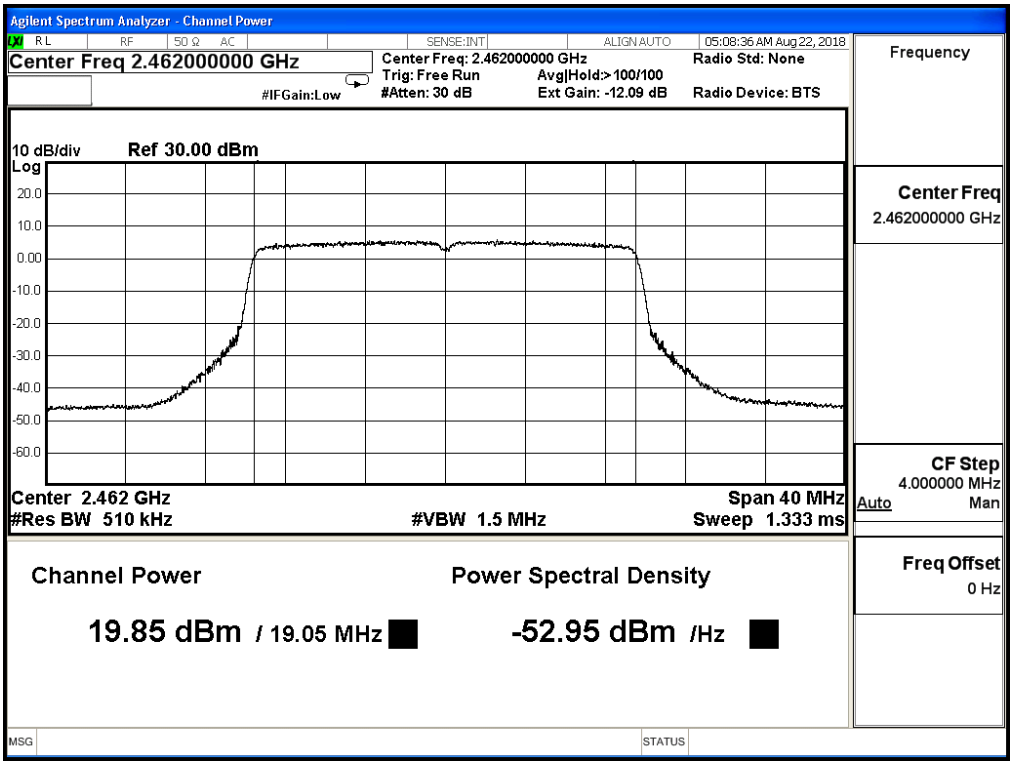
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



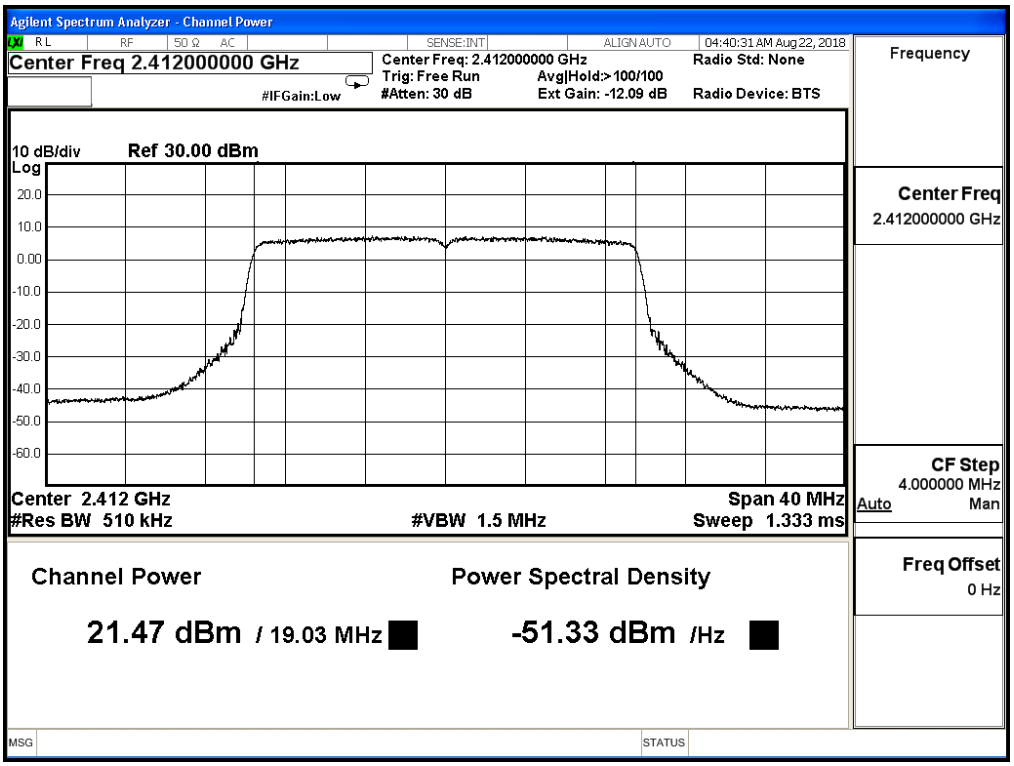
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.470	≦30
6	2437	23.730	≦30
11	2462	19.380	≦30

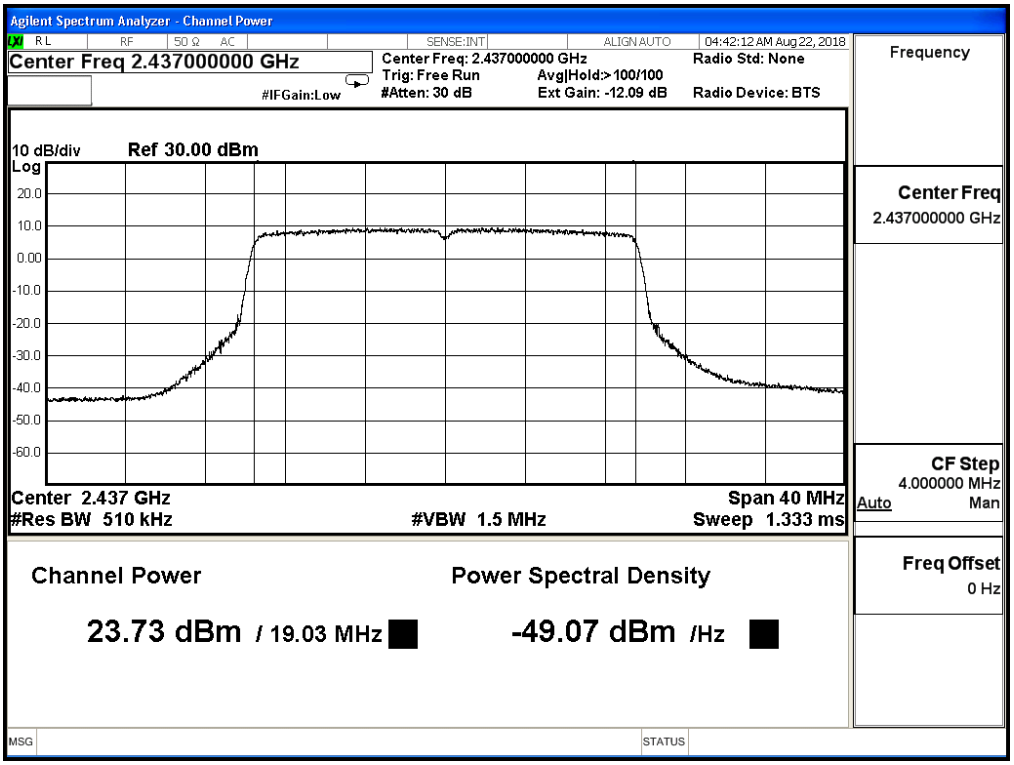
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
1	2412	21.47	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	23.73	23.34	23.10	22.85	22.15	20.83	20.45	20.11	19.79	19.41	19.22	19.02	≦30
11	2462	19.38	--	--	--	--	--	--	--	--	--	--	--	≦30

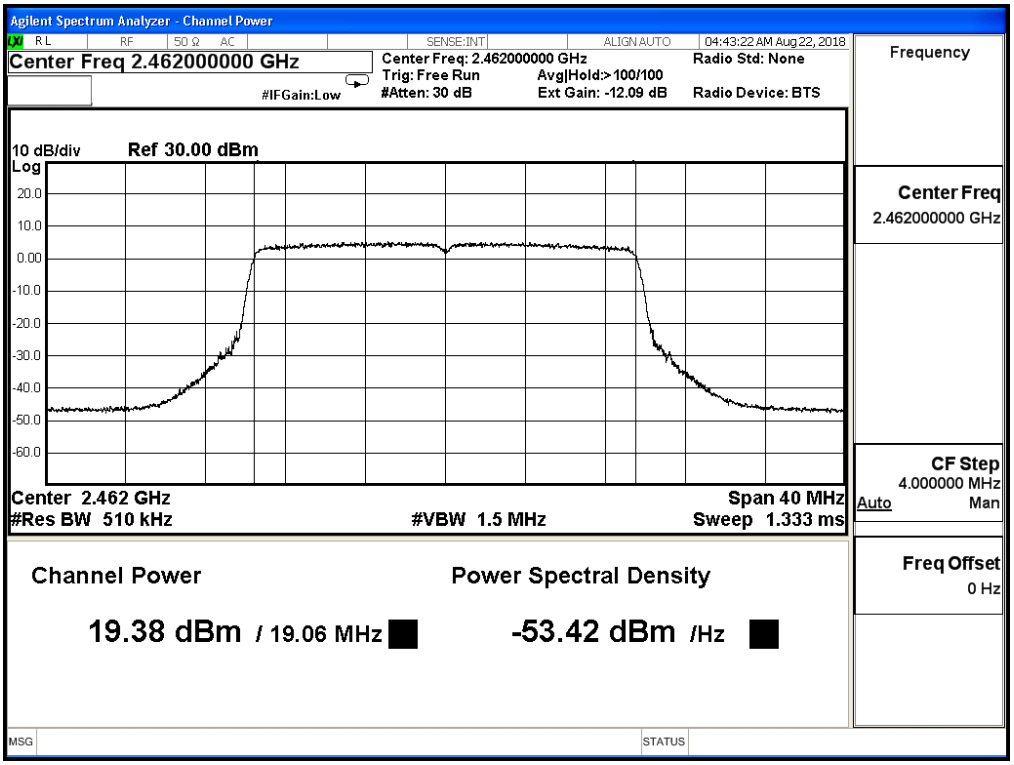
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	27.596	≦30
6	2437	29.944	≦30
11	2462	25.591	≦30

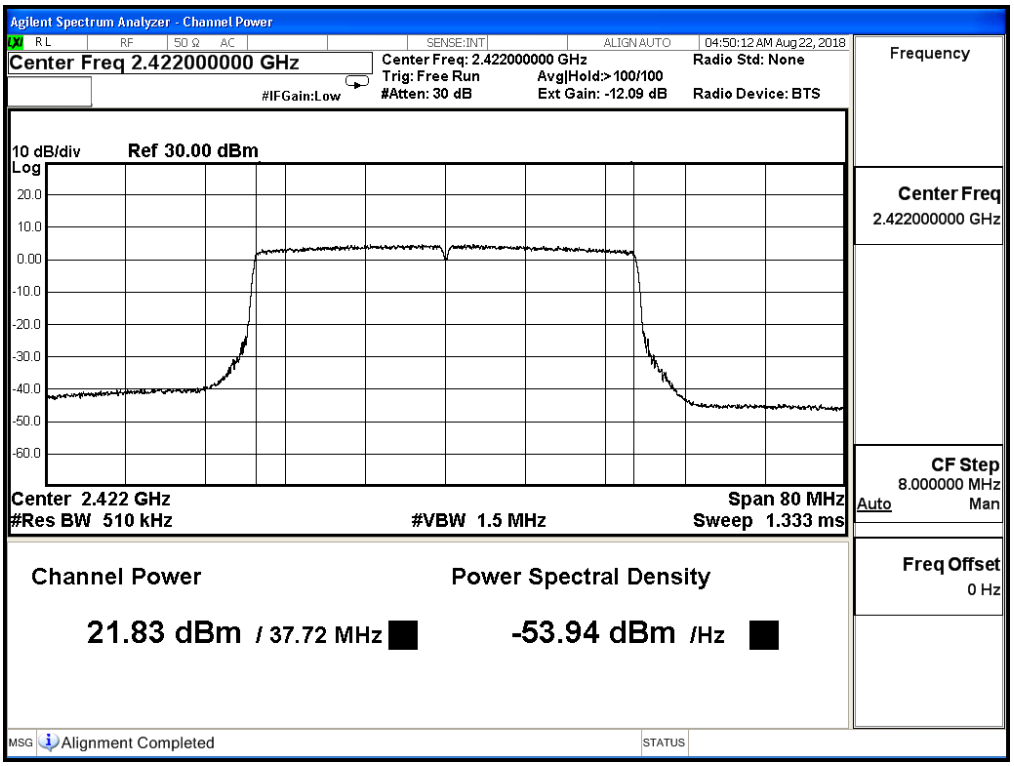
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.830	≦30
6	2437	20.780	≦30
9	2452	18.440	≦30

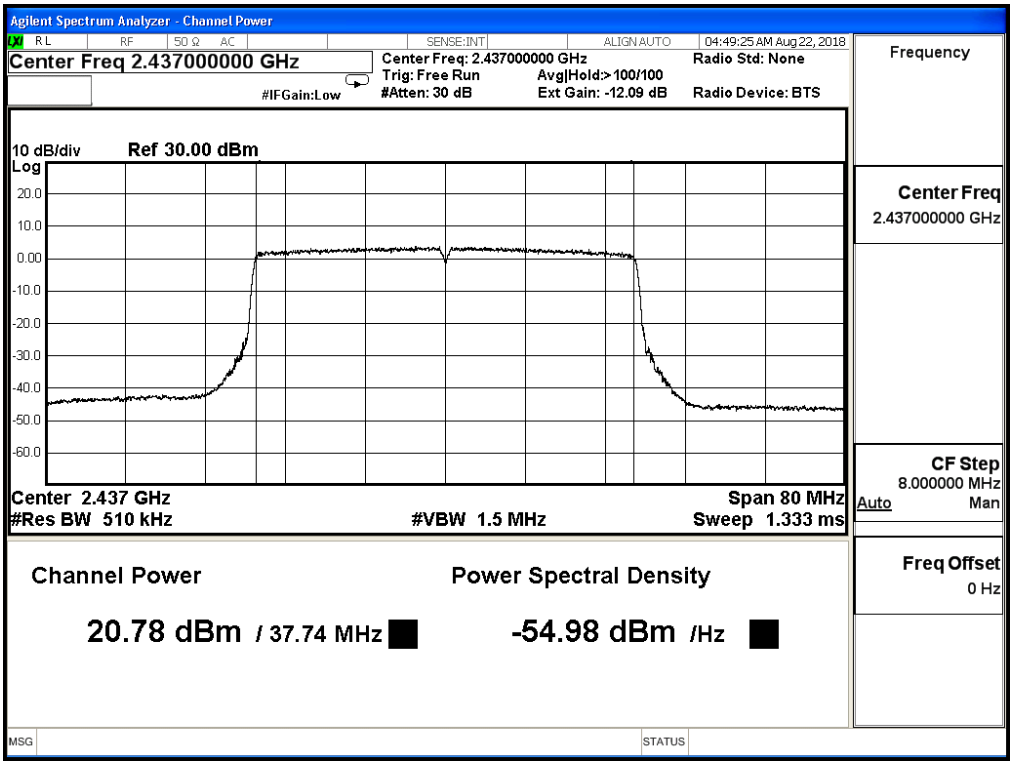
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel	Frequency	MCS Index												Limit
No	(MHz)	0	1	2	3	4	5	6	7	8	9	10	11	(dBm)
3	2422	21.830	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	20.780	20.65	20.12	20.03	19.66	19.41	19.25	19.02	19.89	19.54	19.11	18.97	≦30
9	2452	18.440	--	--	--	--	--	--	--	--	--	--	--	≦30

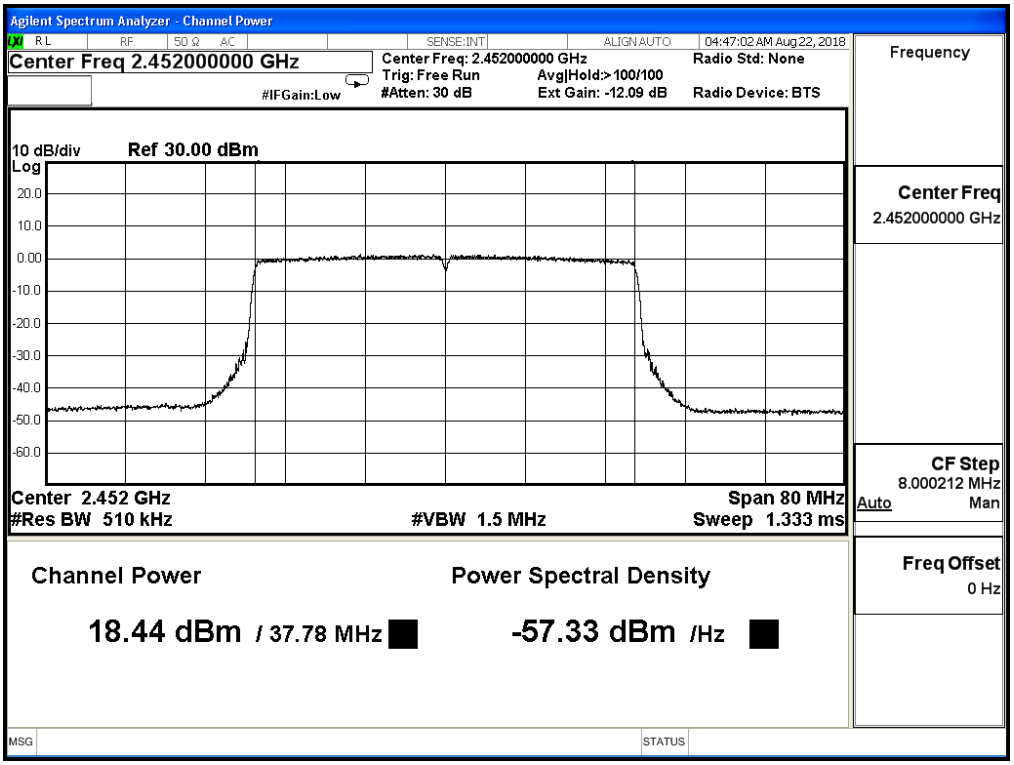
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



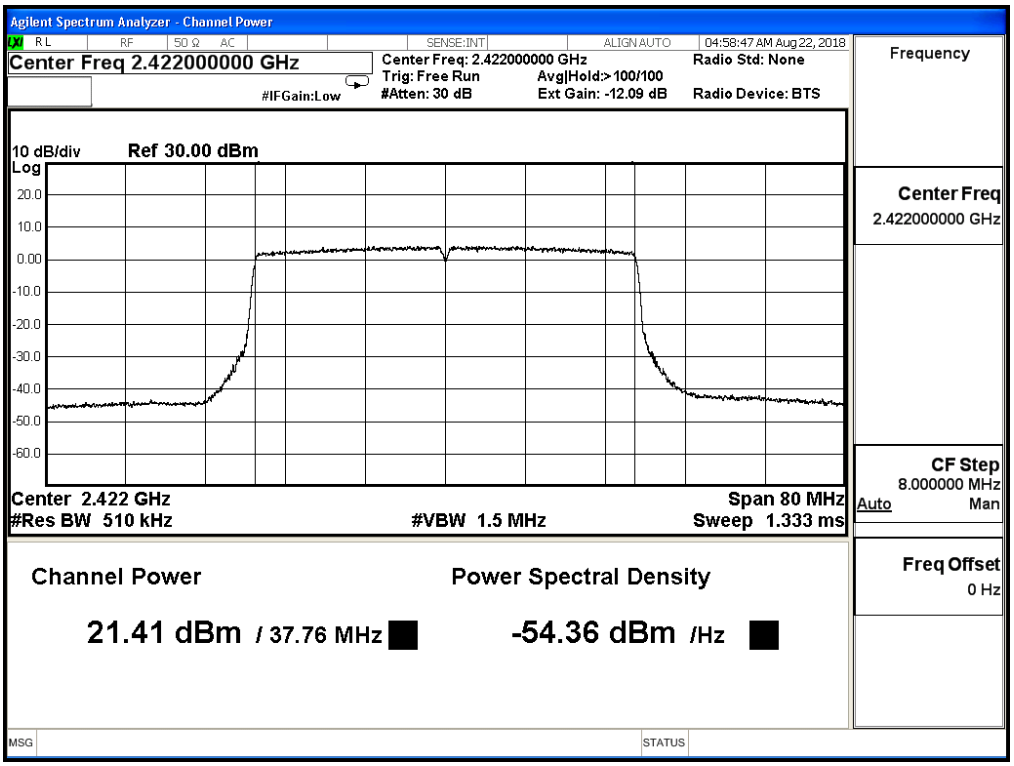
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.410	≦30
6	2437	20.380	≦30
9	2452	17.990	≦30

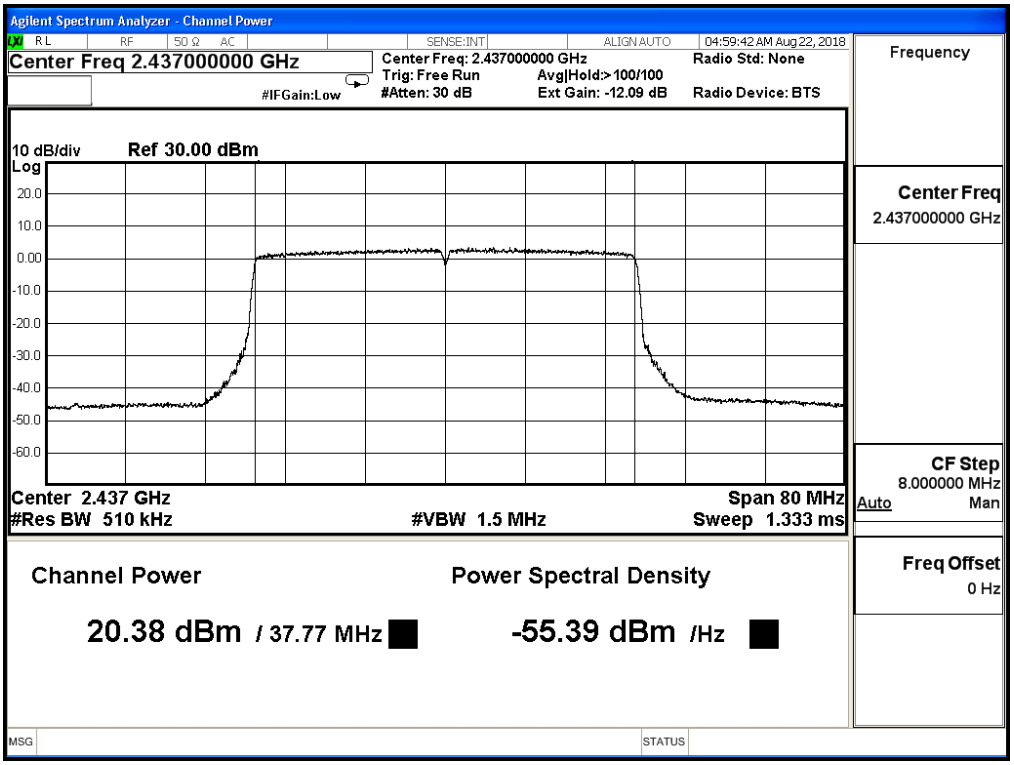
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
3	2422	21.410	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	20.380	20.20	20.02	19.87	19.65	19.43	19.31	19.02	18.78	18.32	18.08	17.89	≦30
9	2452	17.990	--	--	--	--	--	--	--	--	--	--	--	≦30

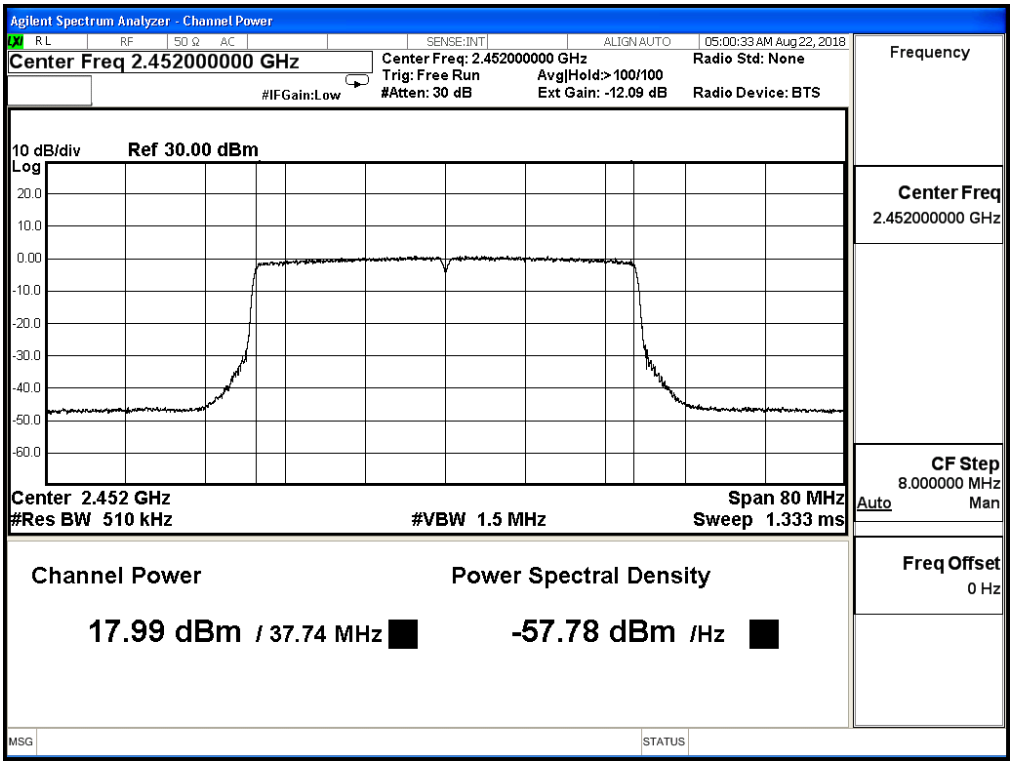
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



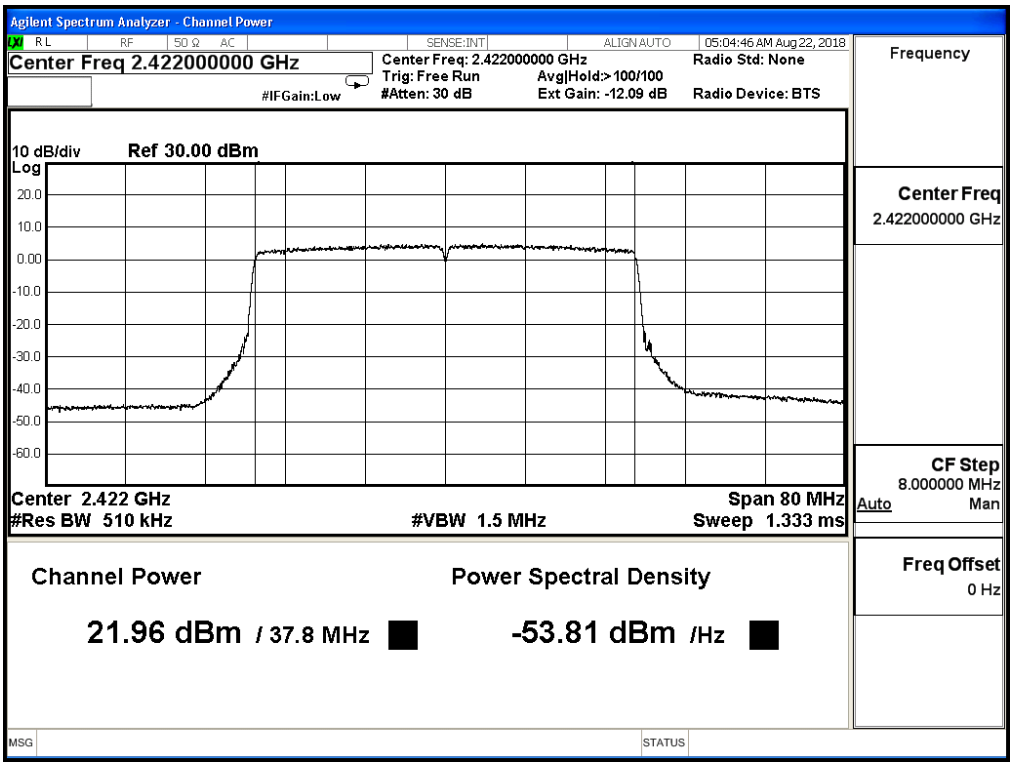
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.960	≦30
6	2437	21.040	≦30
9	2452	18.490	≦30

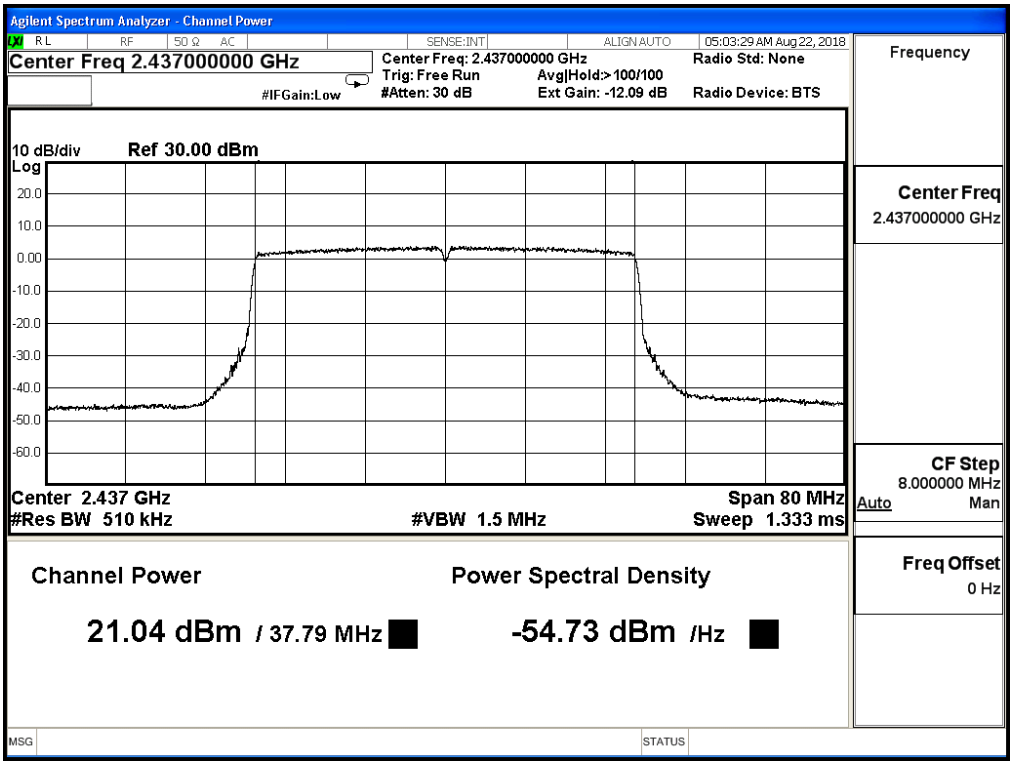
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
3	2422	21.96	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	21.04	20.02	19.78	19.68	19.55	19.21	19.02	18.79	18.62	18.22	18.02	17.86	≦30
9	2452	18.49	--	--	--	--	--	--	--	--	--	--	--	≦30

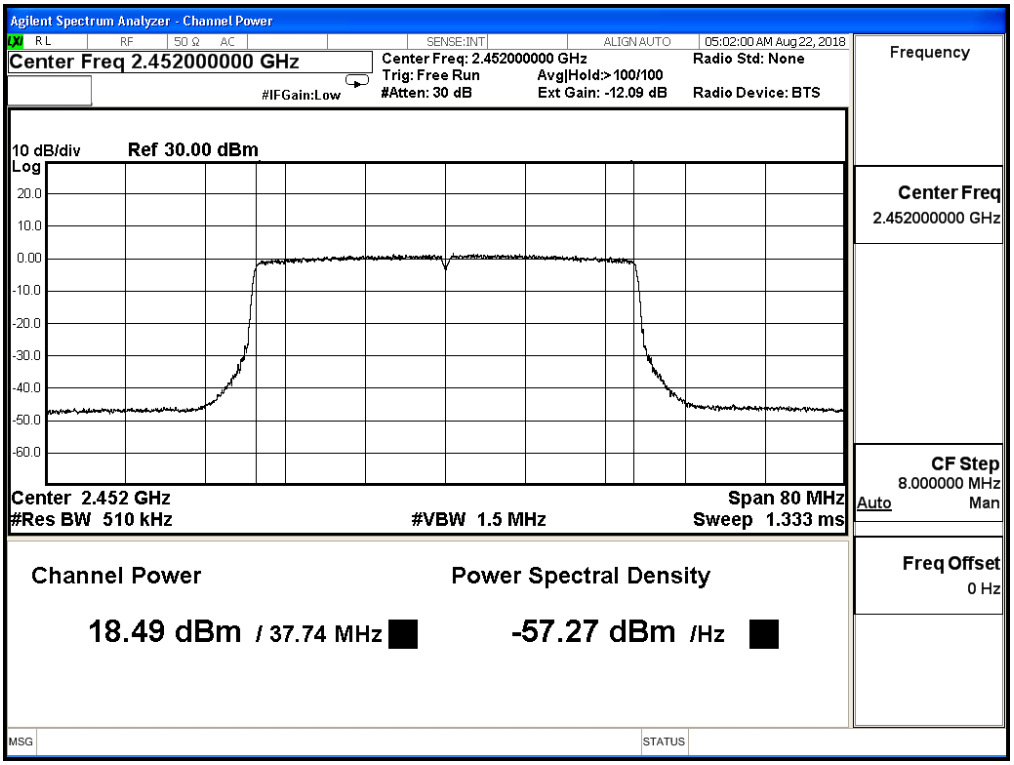
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



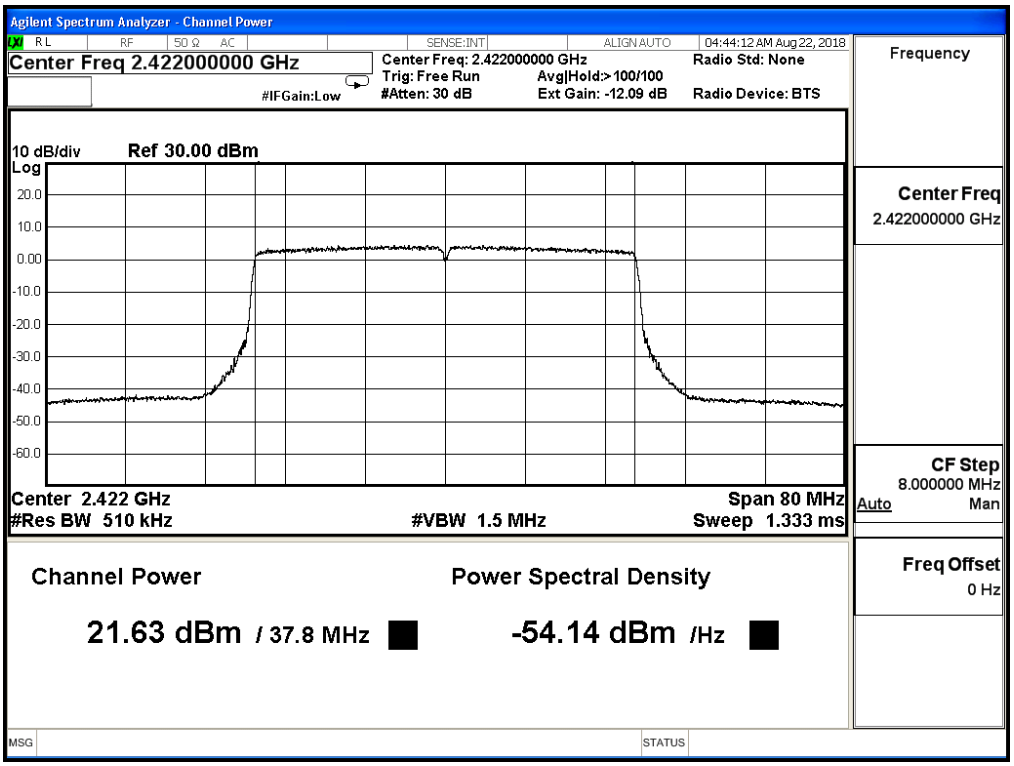
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.630	≦30
6	2437	20.580	≦30
9	2452	17.930	≦30

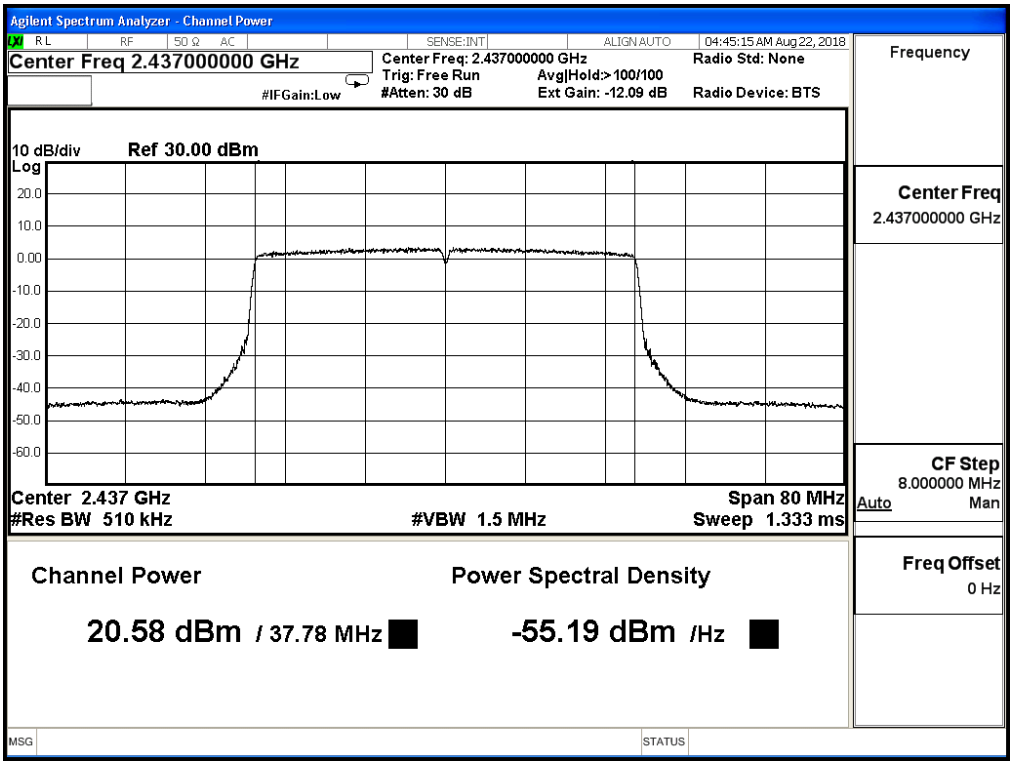
The worst emission of data rate is MCS 0

Maximum peak conducted output power (dBm)														
Channel No	Frequency (MHz)	MCS Index												Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	10	11	
3	2422	21.63	--	--	--	--	--	--	--	--	--	--	--	≦30
6	2437	20.58	20.12	19.92	19.55	19.30	19.17	19.02	18.86	18.35	18.11	17.96	17.52	≦30
9	2452	17.93	--	--	--	--	--	--	--	--	--	--	--	≦30

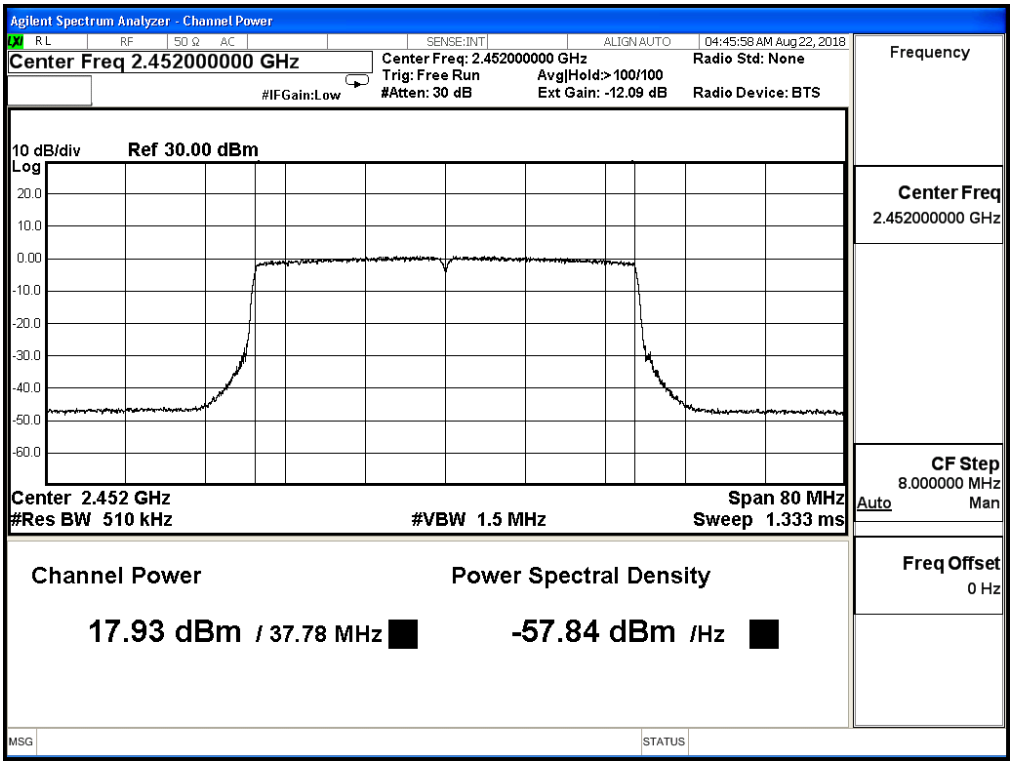
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit_CDD_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	27.733	≦30
6	2437	26.722	≦30
9	2452	24.241	≦30

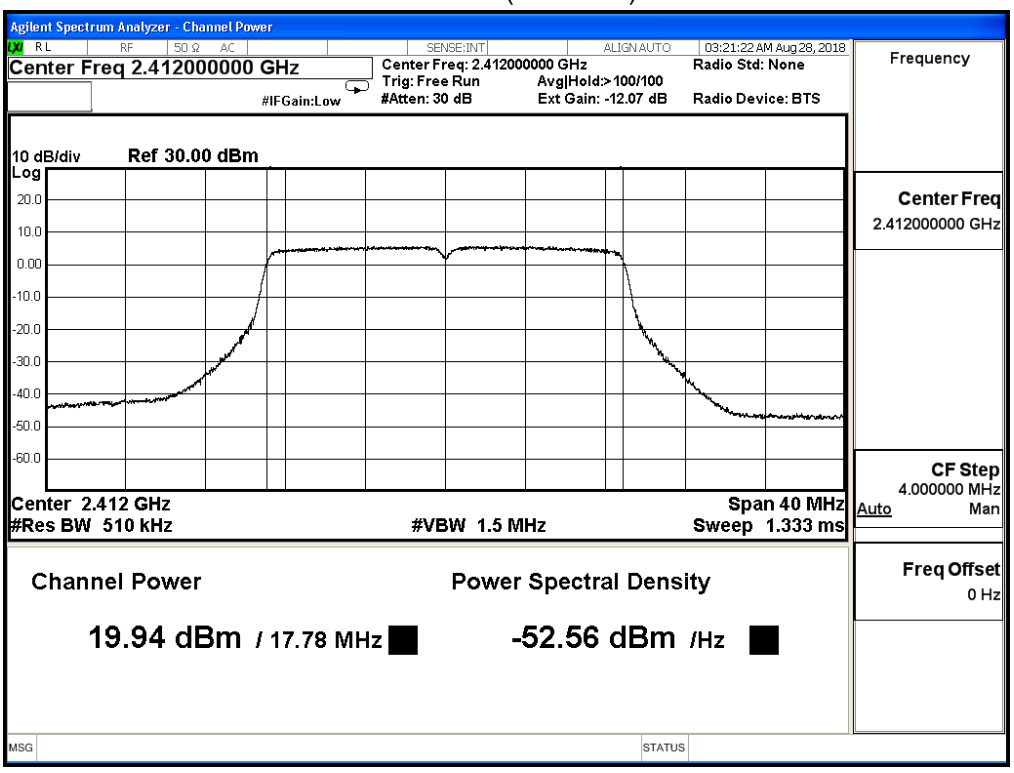
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.940	≦28.172
6	2437	22.080	≦28.172
11	2462	17.110	≦28.172

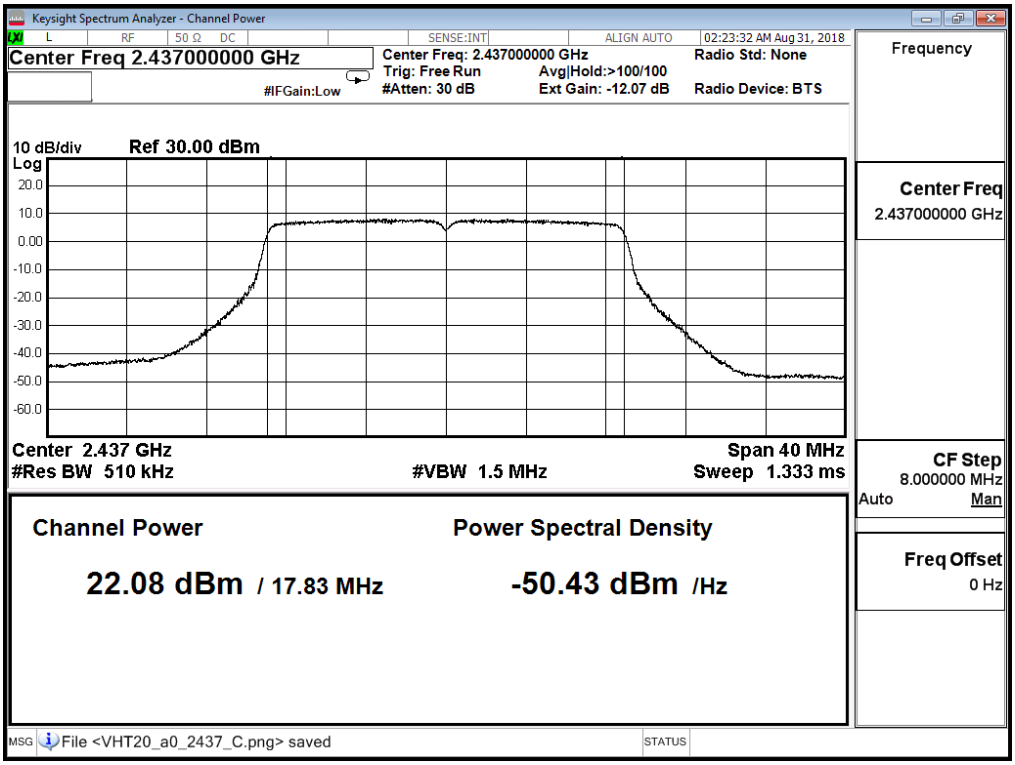
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

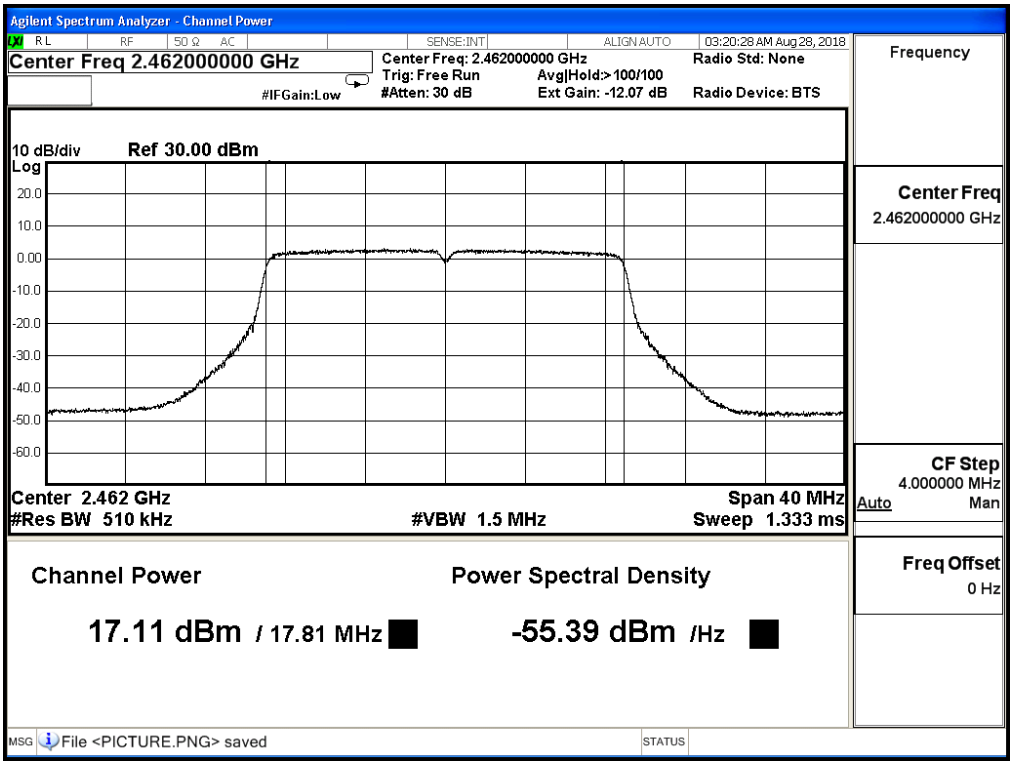
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



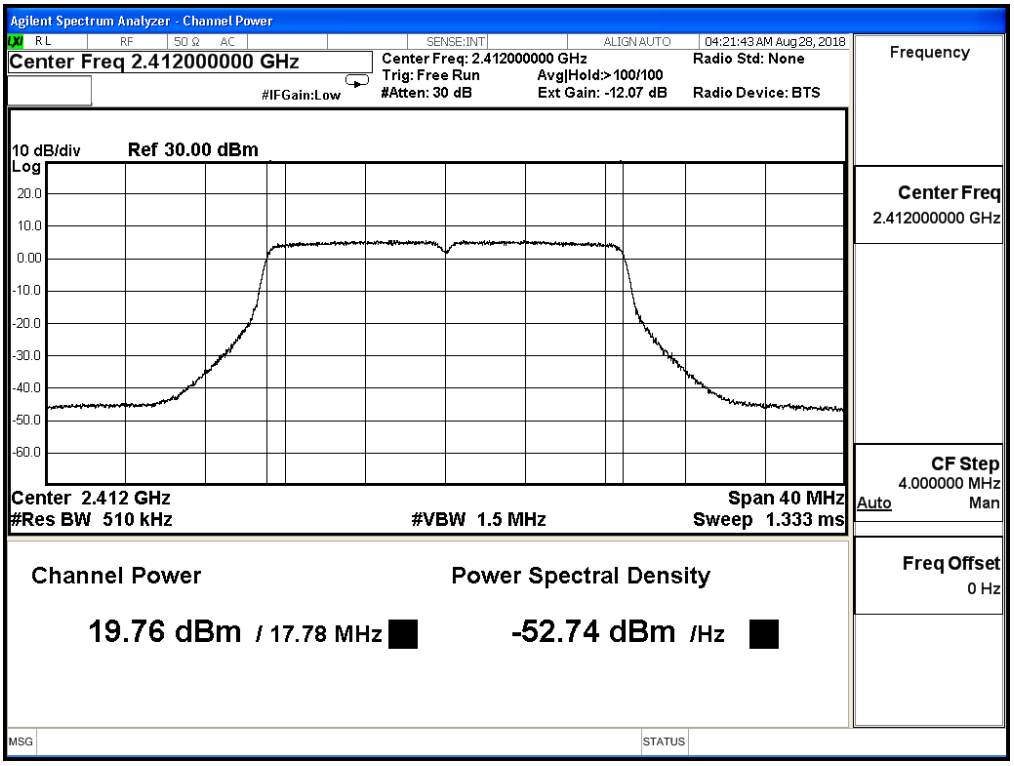
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.760	≦28.172
6	2437	21.650	≦28.172
11	2462	16.710	≦28.172

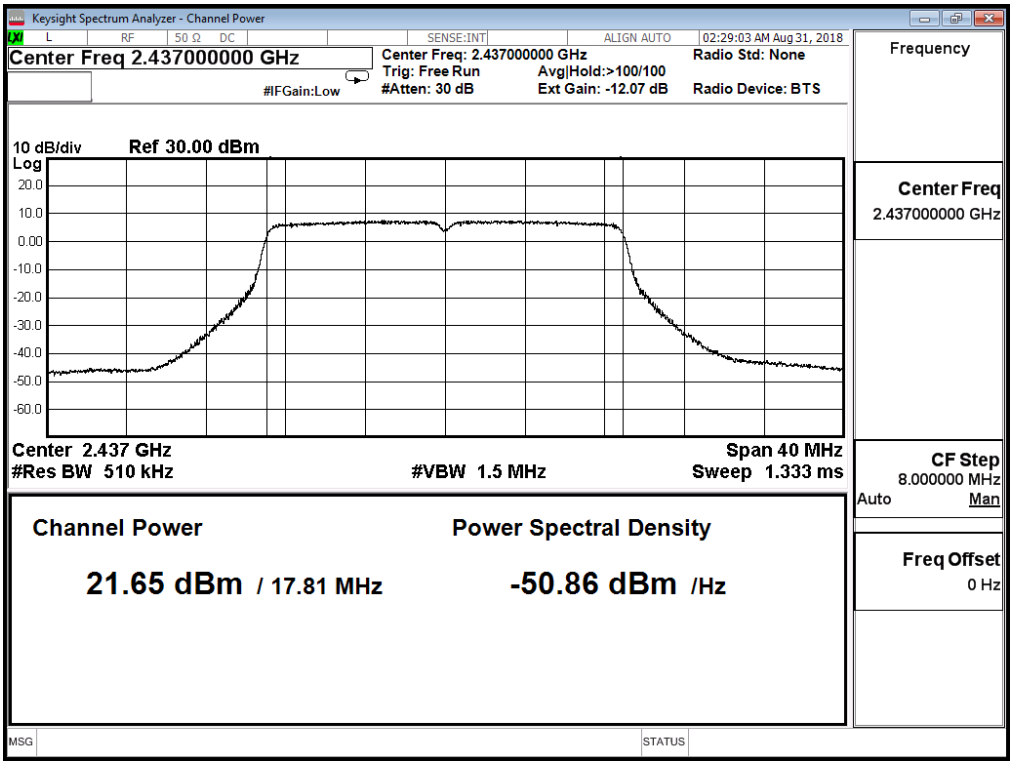
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

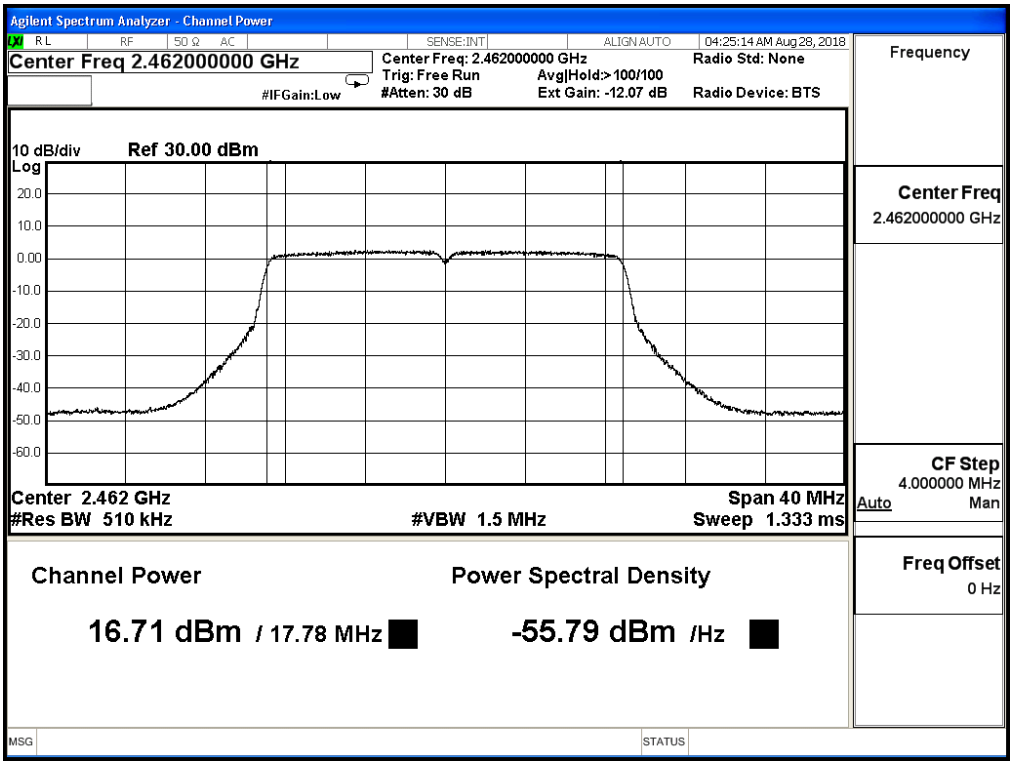
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



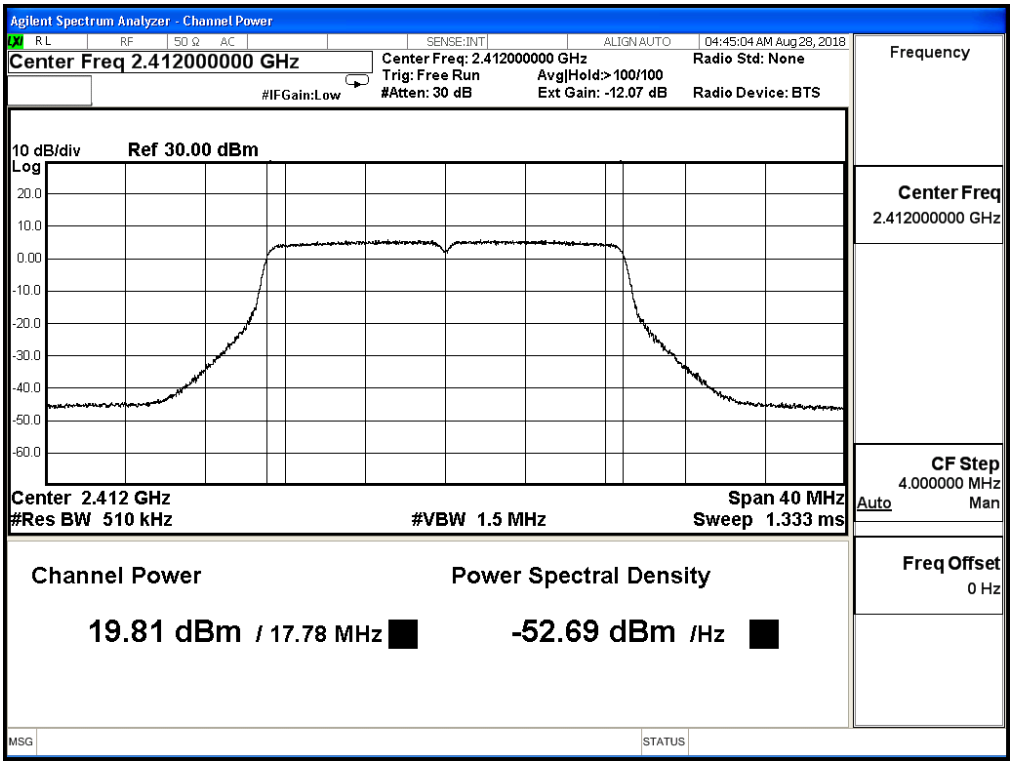
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.810	≦28.172
6	2437	21.710	≦28.172
11	2462	16.930	≦28.172

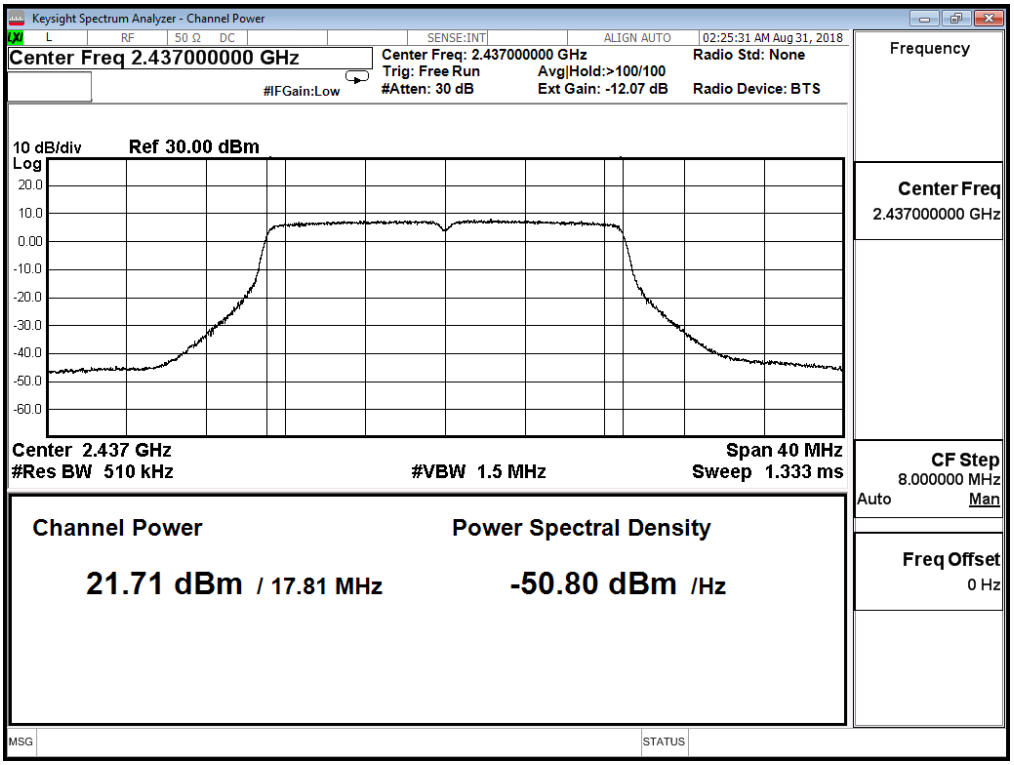
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

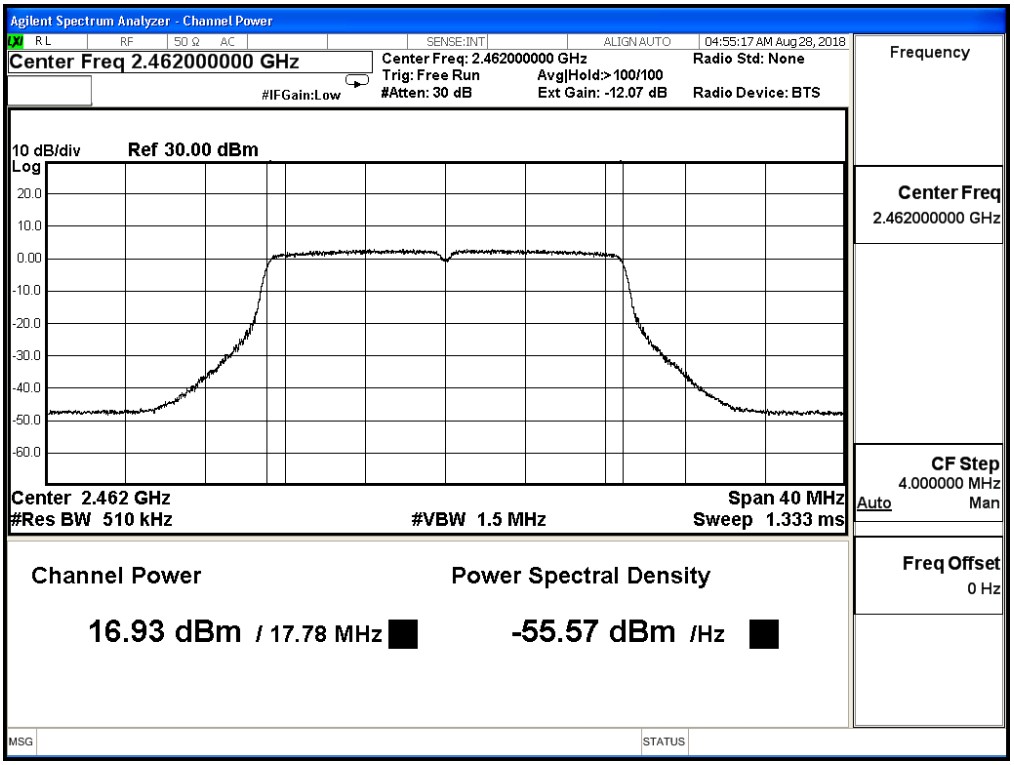
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



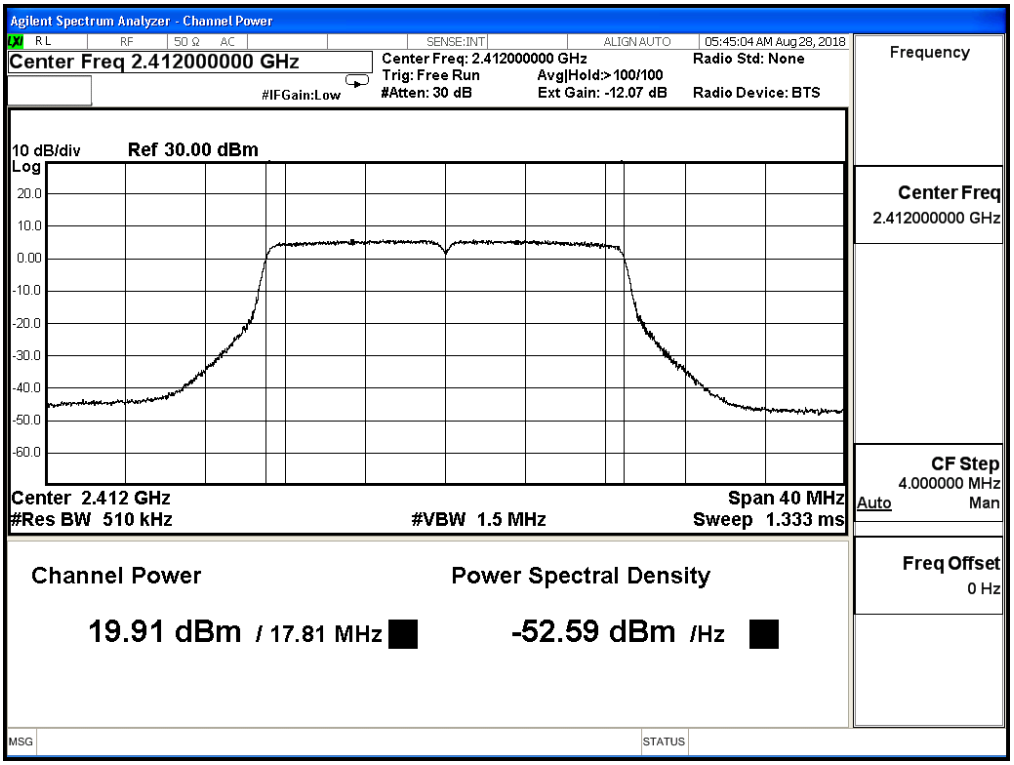
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.910	≦28.172
6	2437	21.480	≦28.172
11	2462	16.890	≦28.172

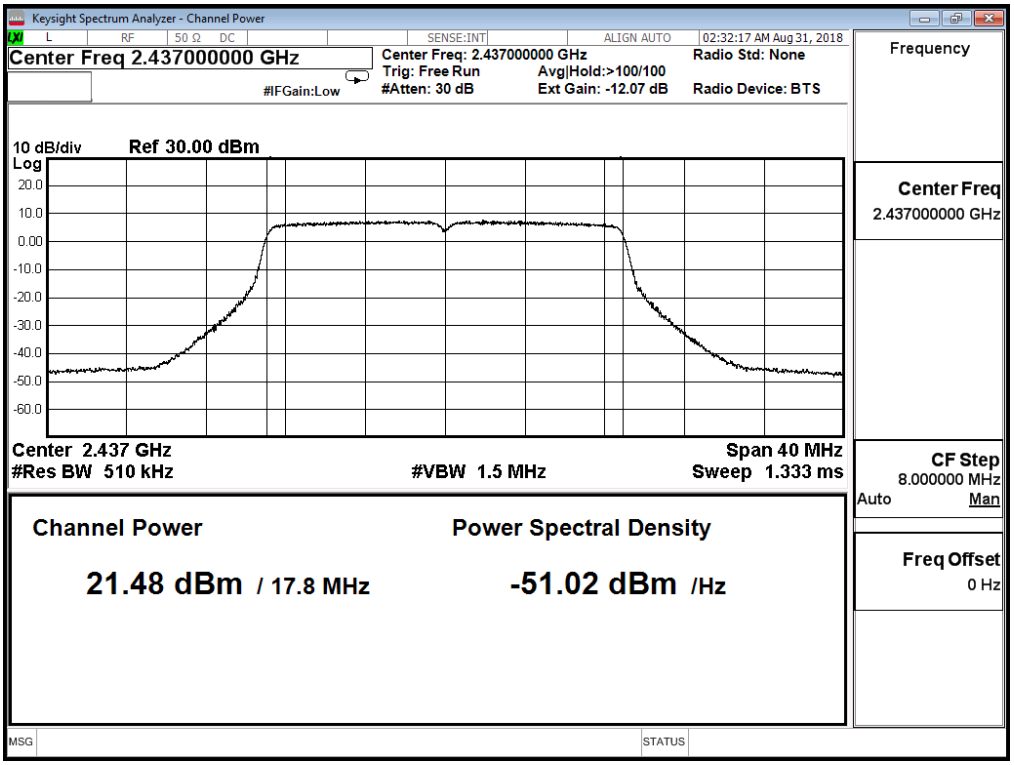
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

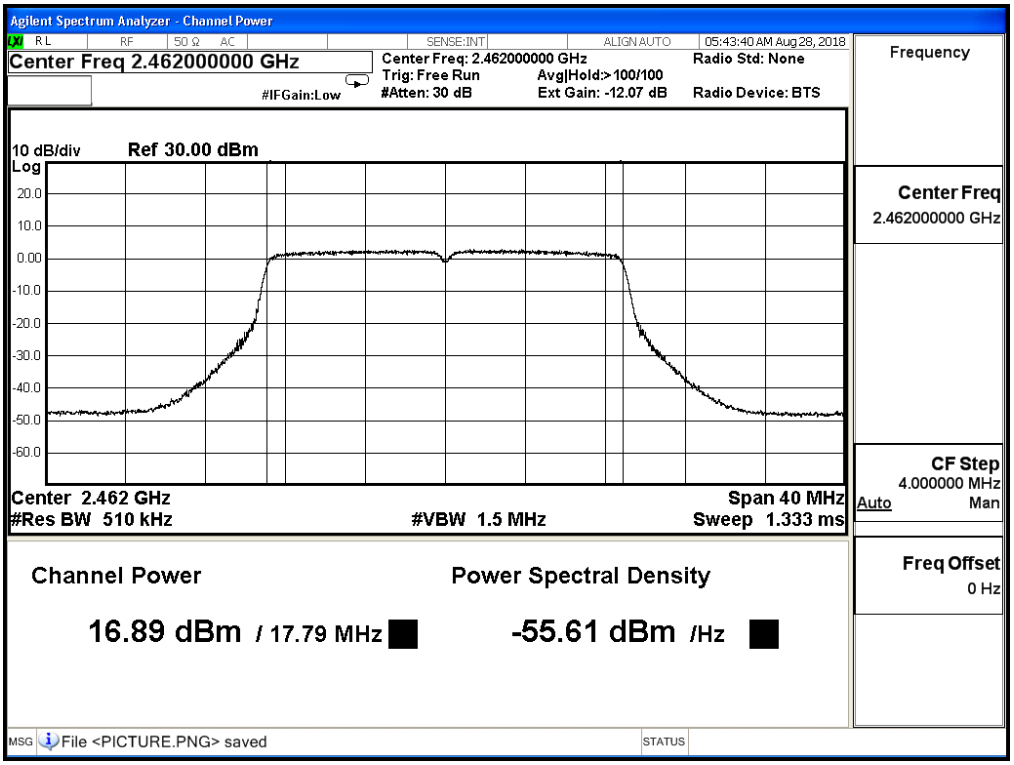
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 20M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	25.876	≦28.172
6	2437	27.756	≦28.172
11	2462	22.933	≦28.172

Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

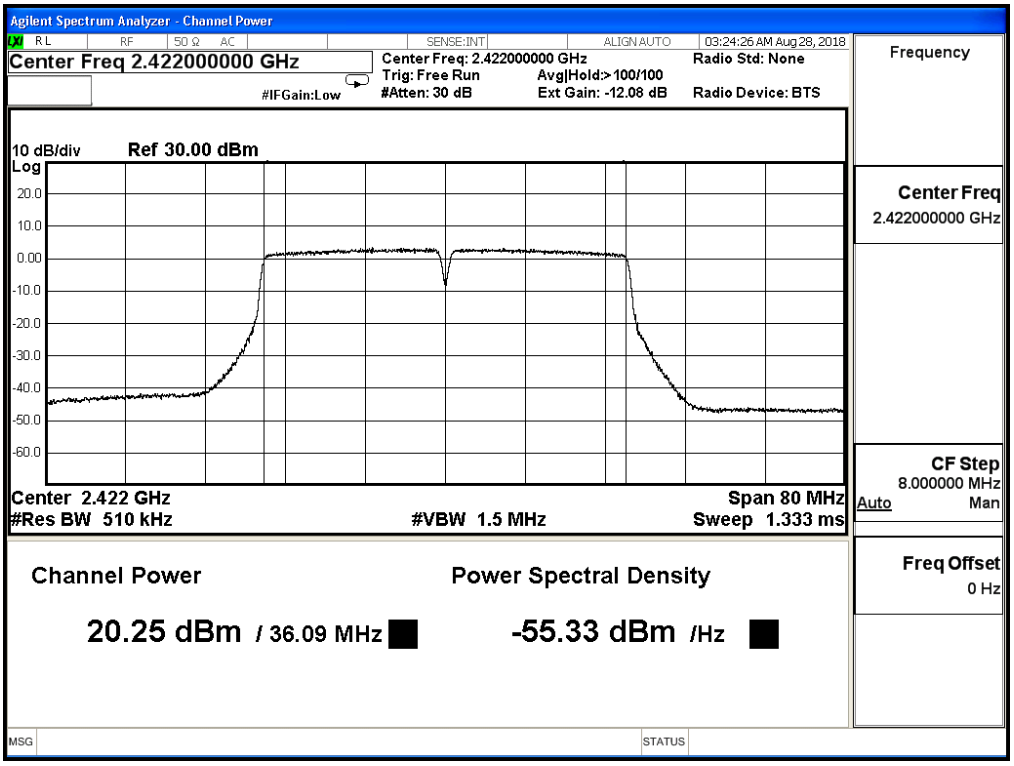
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	20.250	≦28.172
6	2437	18.460	≦28.172
9	2452	15.450	≦28.172

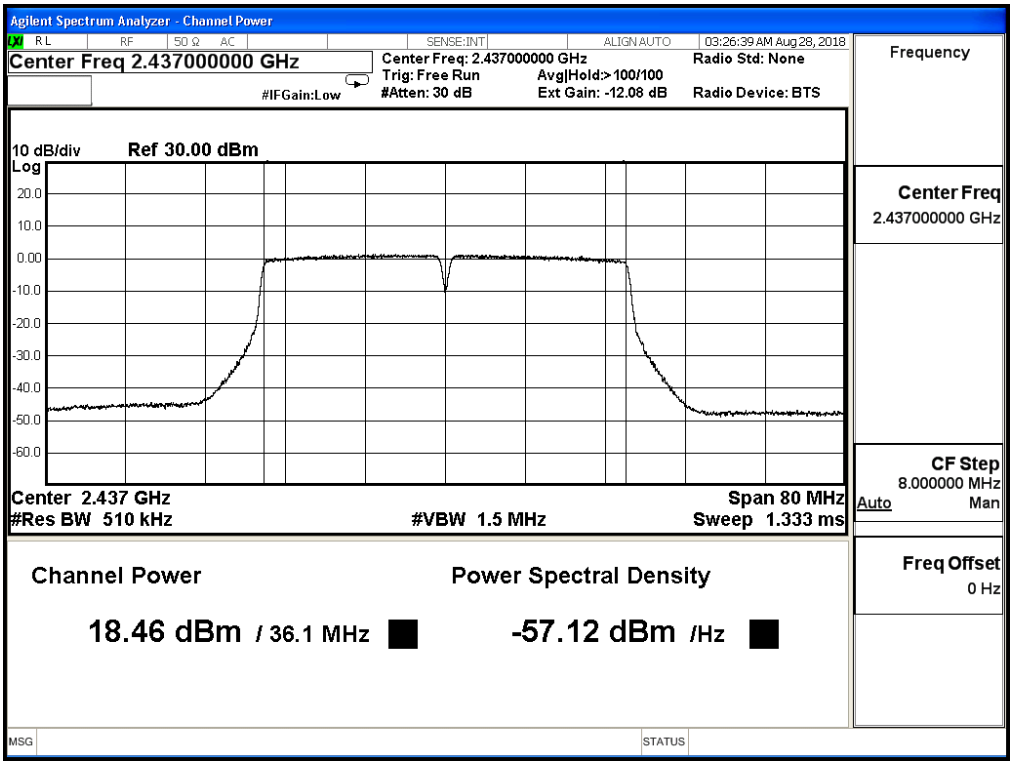
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

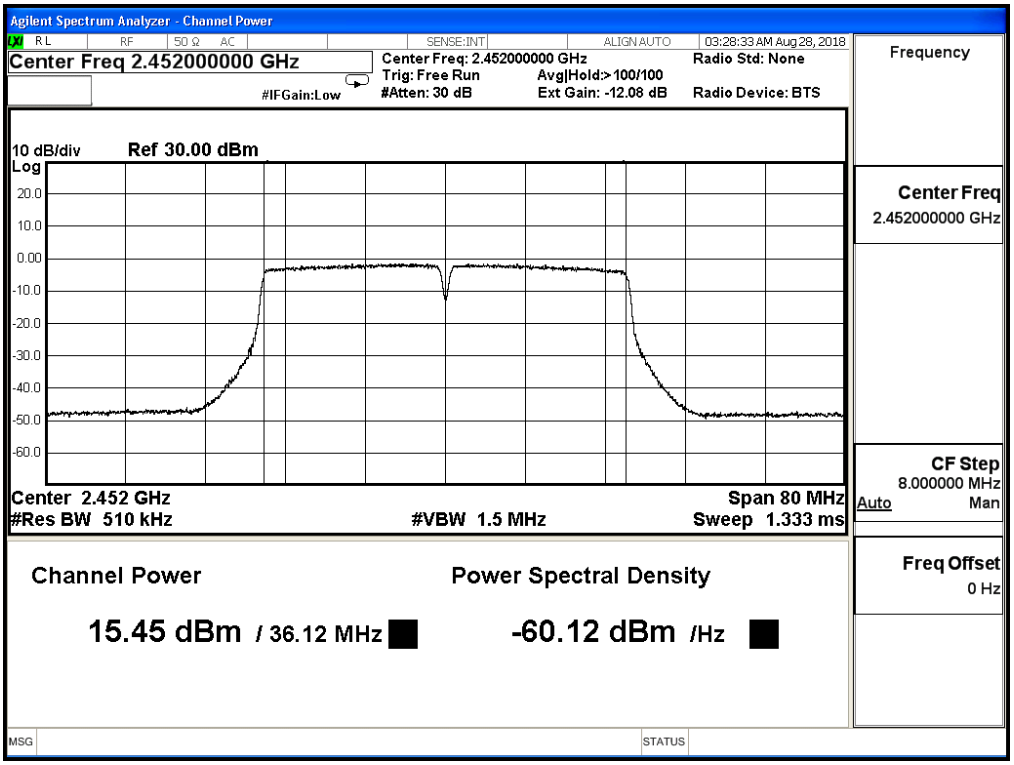
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



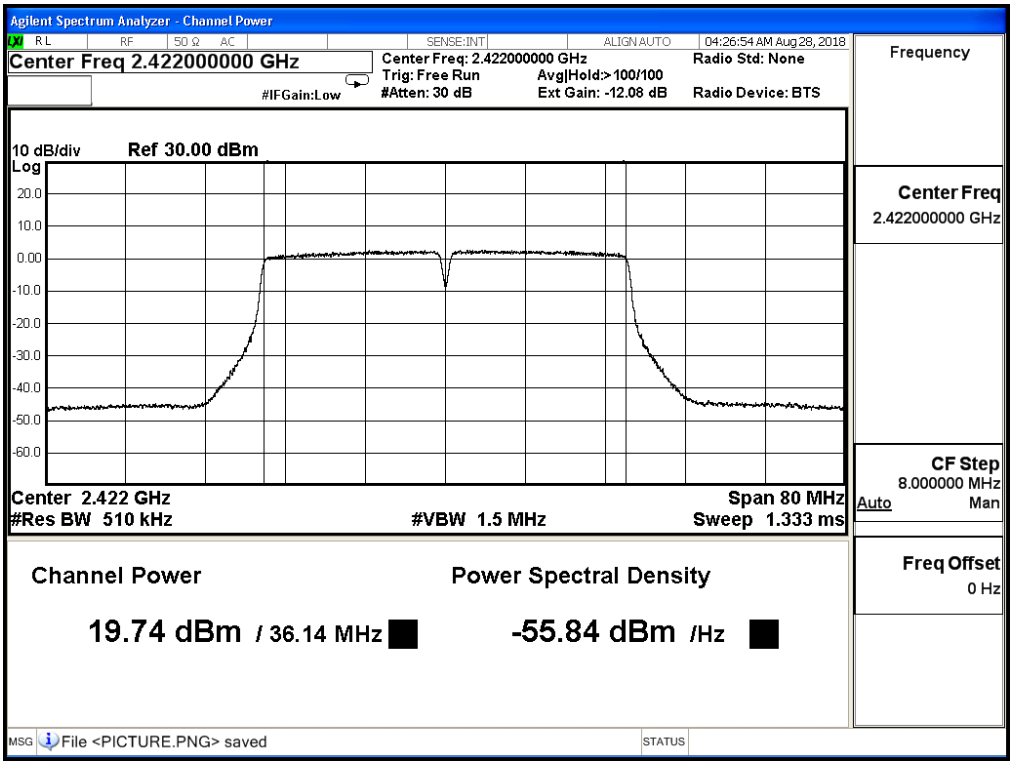
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	19.740	≦28.172
6	2437	17.970	≦28.172
9	2452	14.990	≦28.172

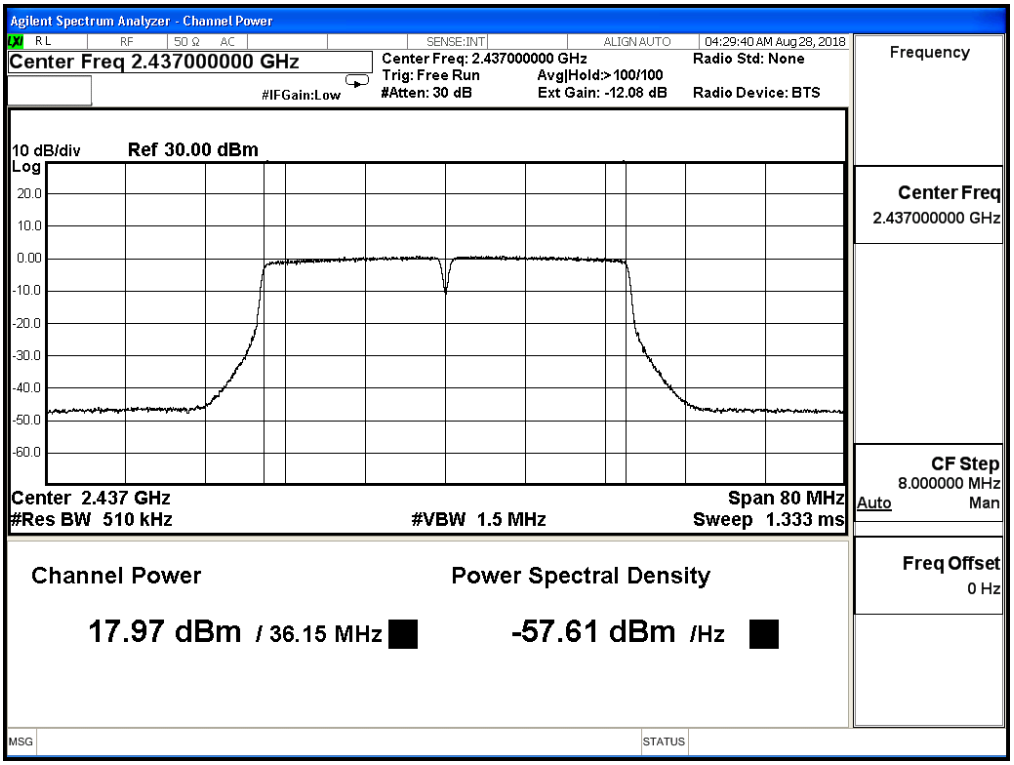
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

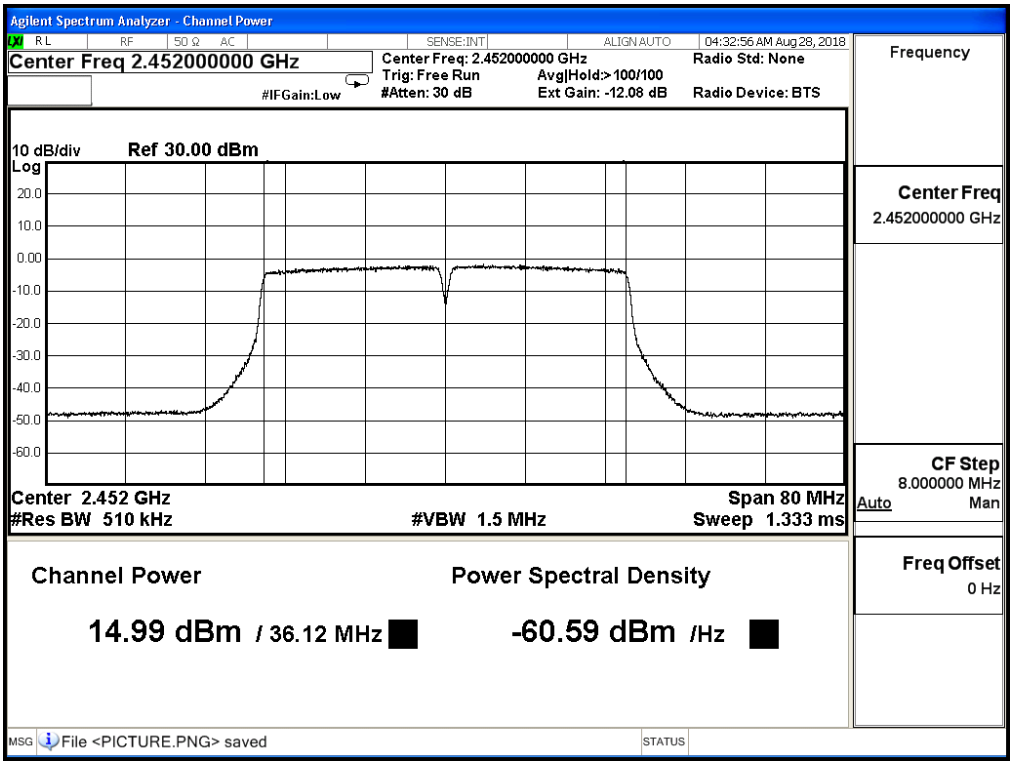
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



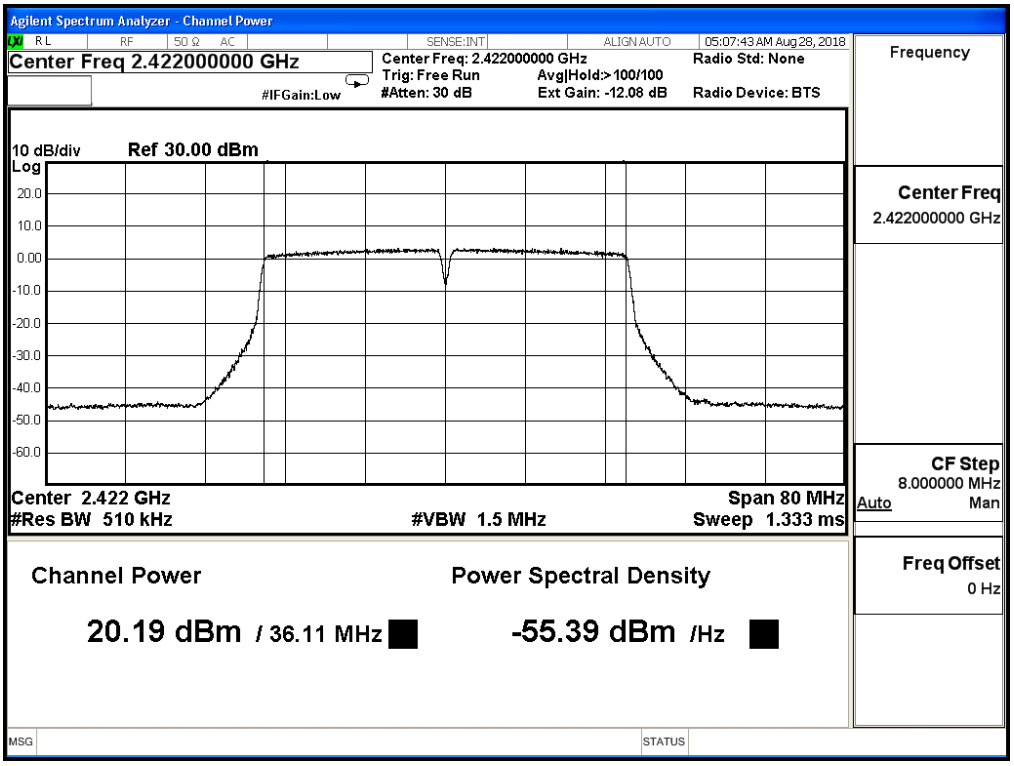
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	20.190	≦28.172
6	2437	18.540	≦28.172
9	2452	15.710	≦28.172

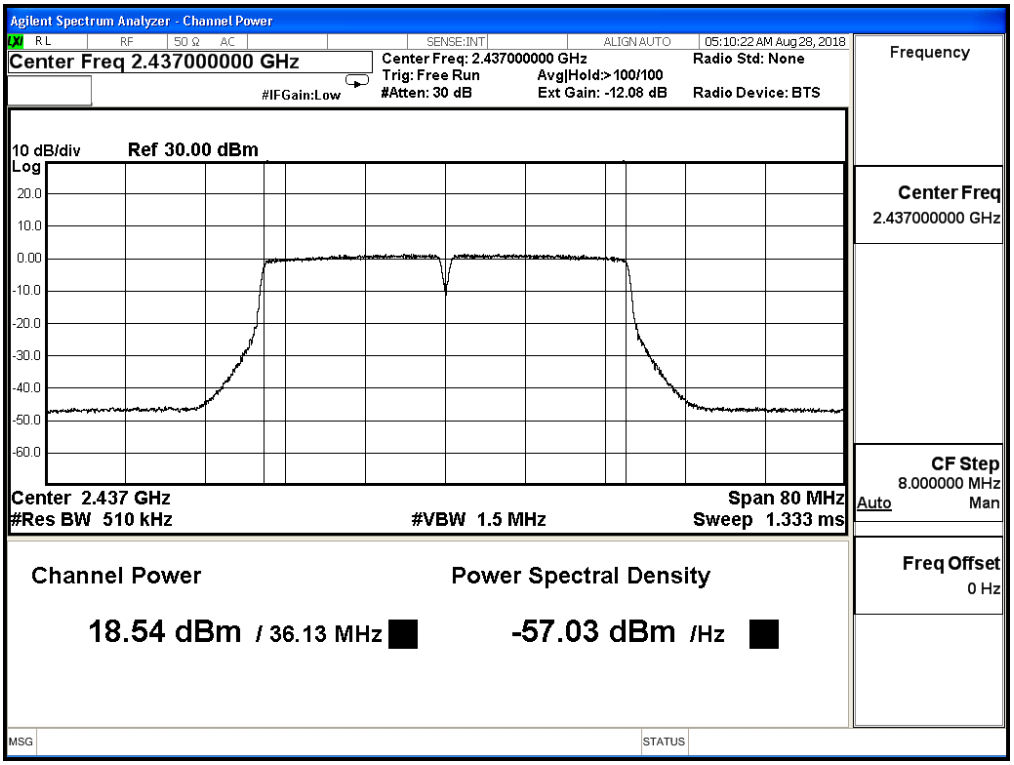
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

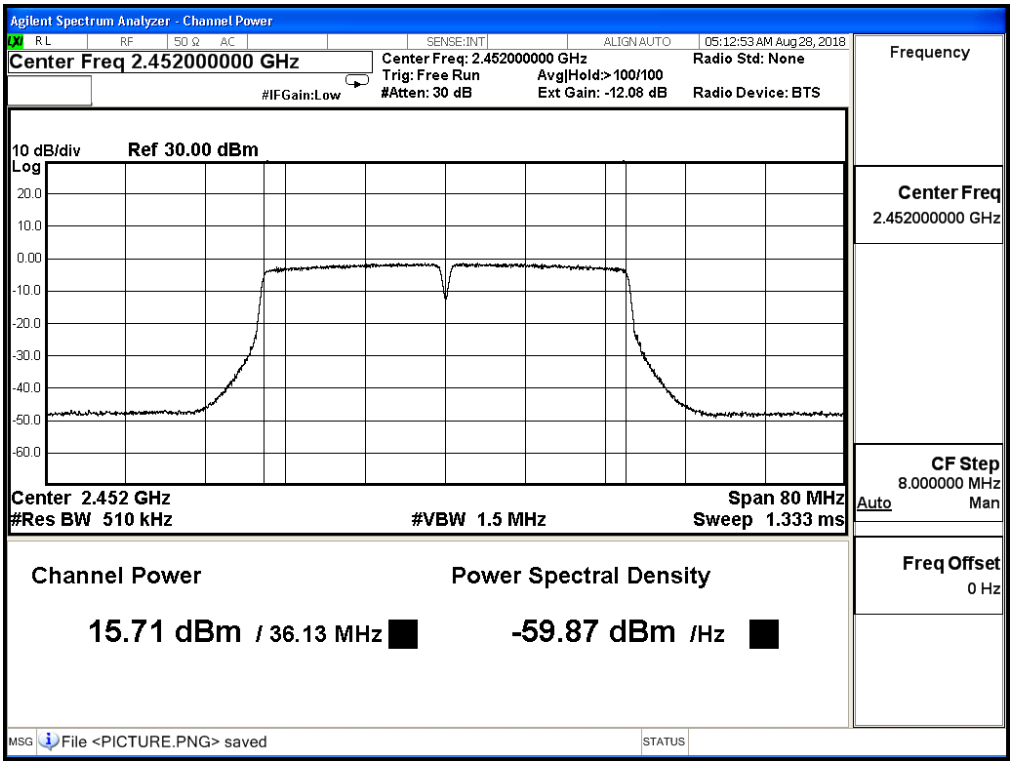
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



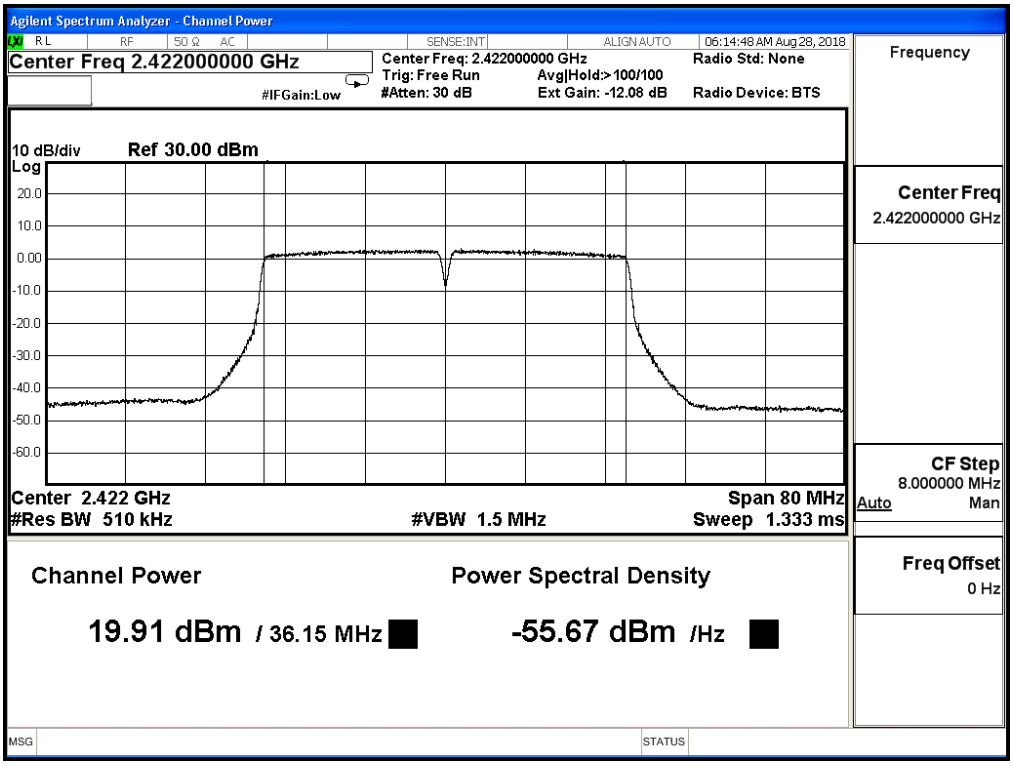
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	19.910	≦28.172
6	2437	18.010	≦28.172
9	2452	14.730	≦28.172

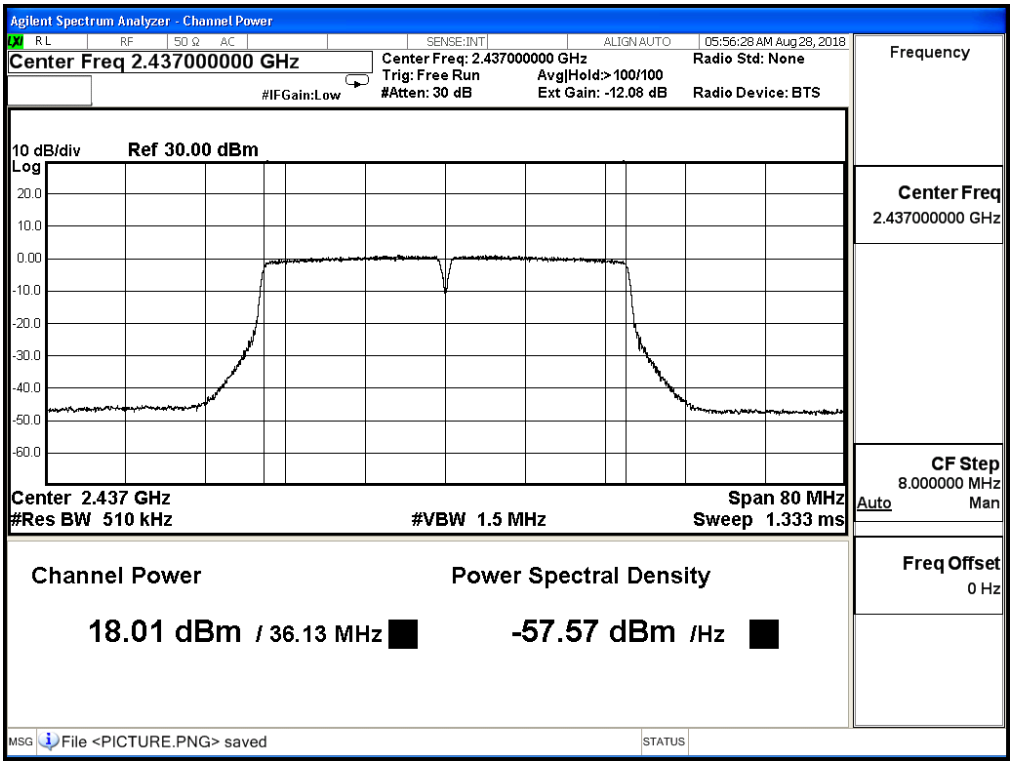
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

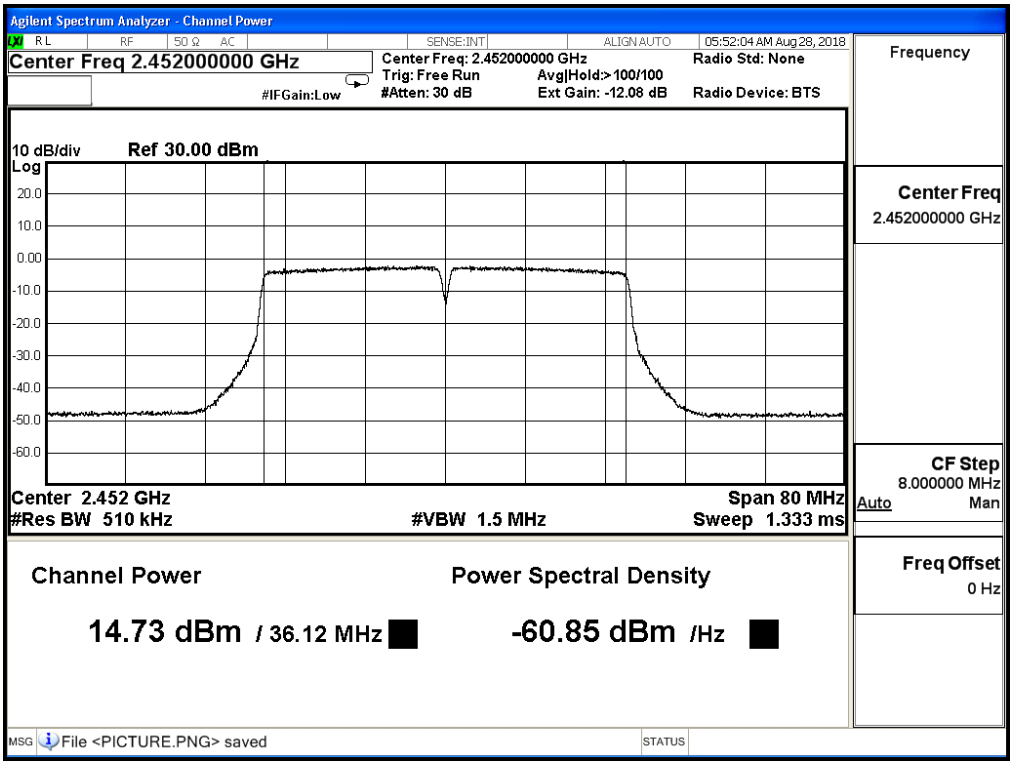
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ac VHT 40M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	26.048	≦28.172
6	2437	24.273	≦28.172
9	2452	21.257	≦28.172

Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

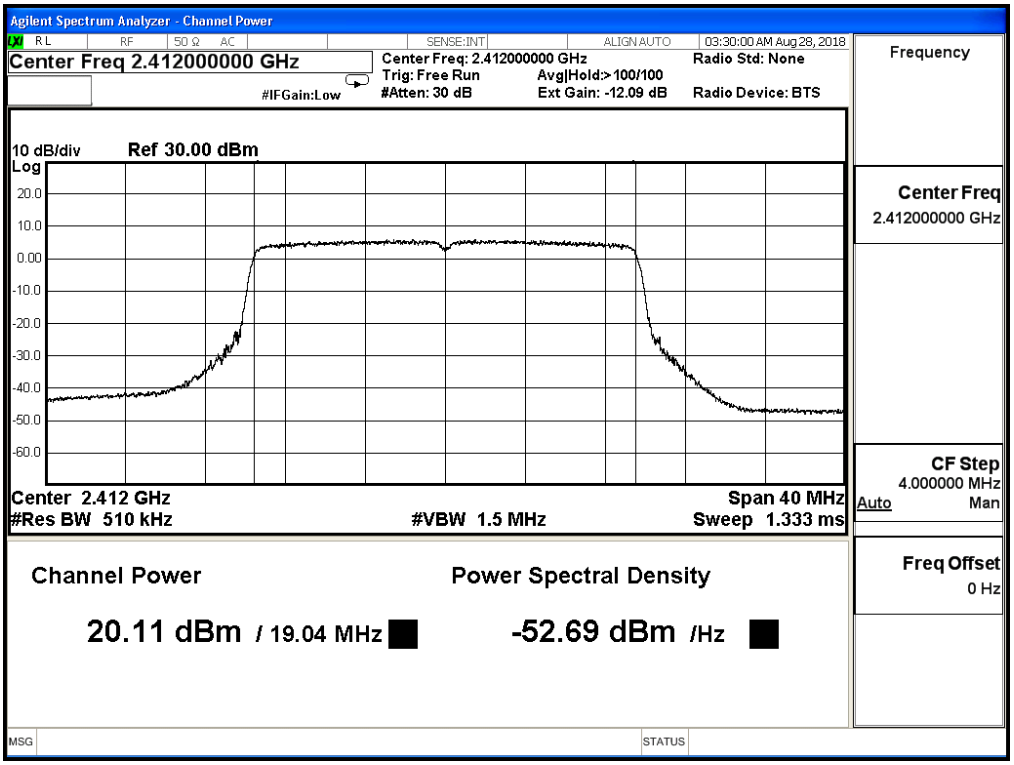
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.110	≦28.172
6	2437	22.010	≦28.172
11	2462	17.100	≦28.172

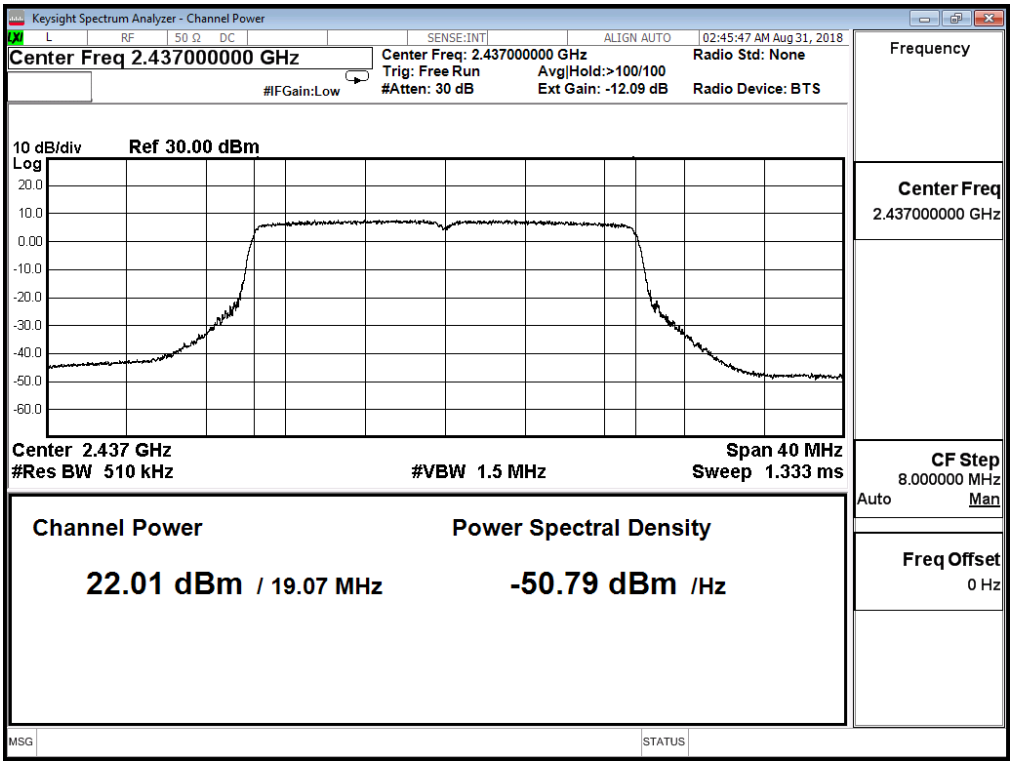
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

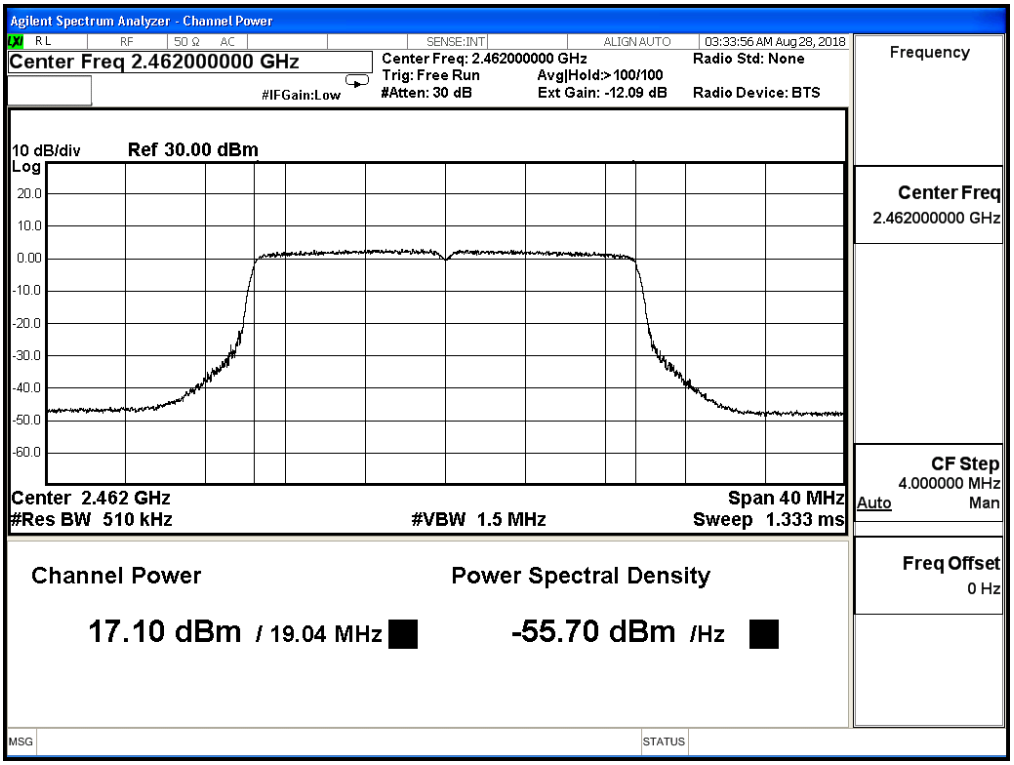
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



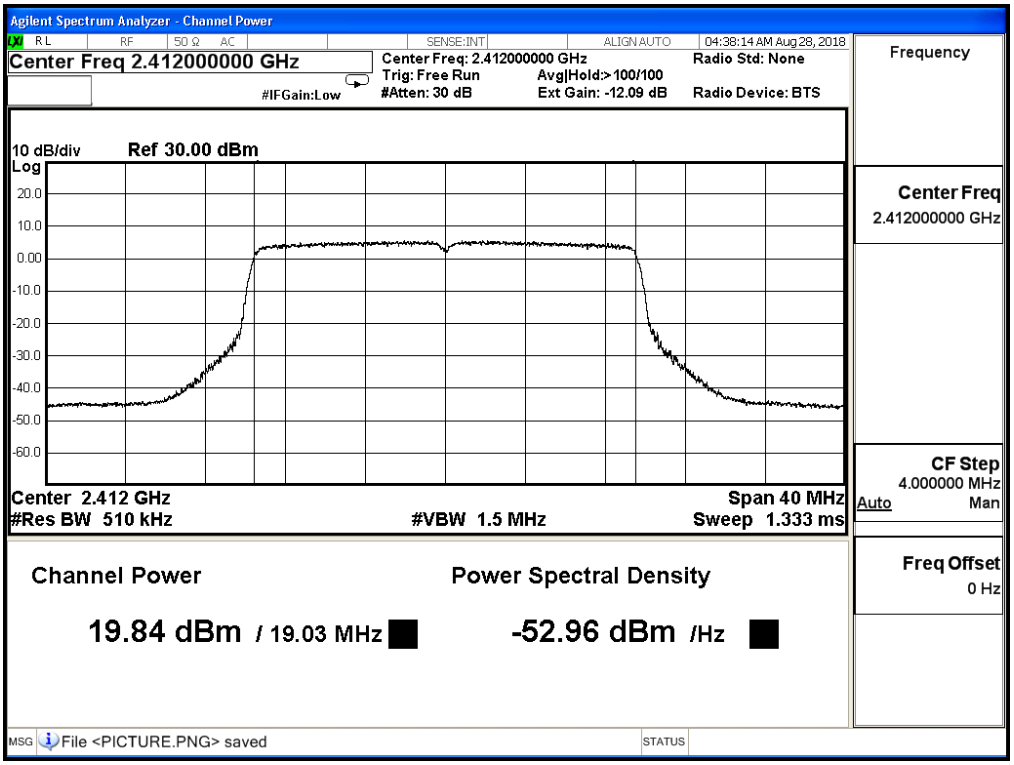
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.840	≦28.172
6	2437	21.750	≦28.172
11	2462	16.700	≦28.172

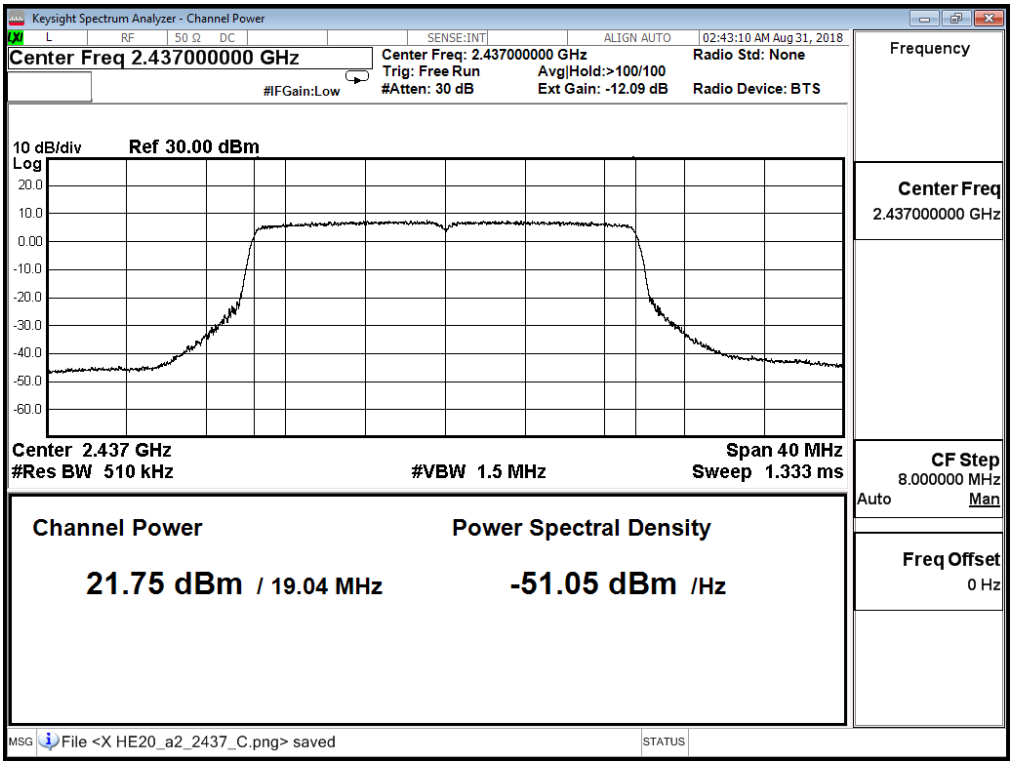
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

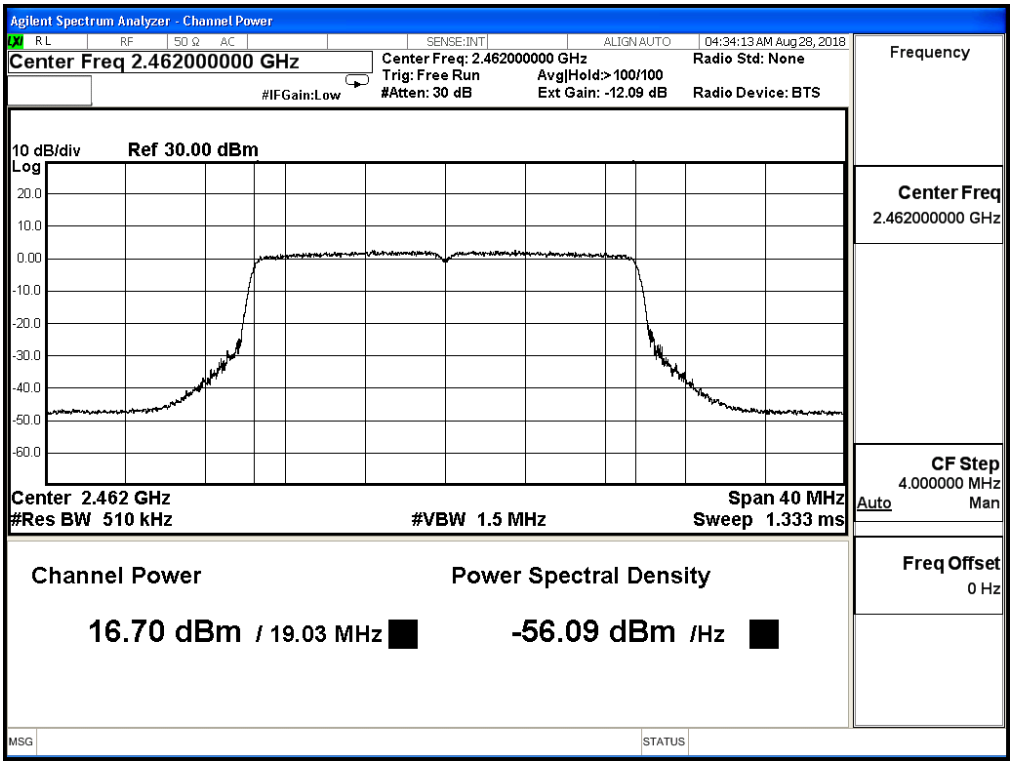
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



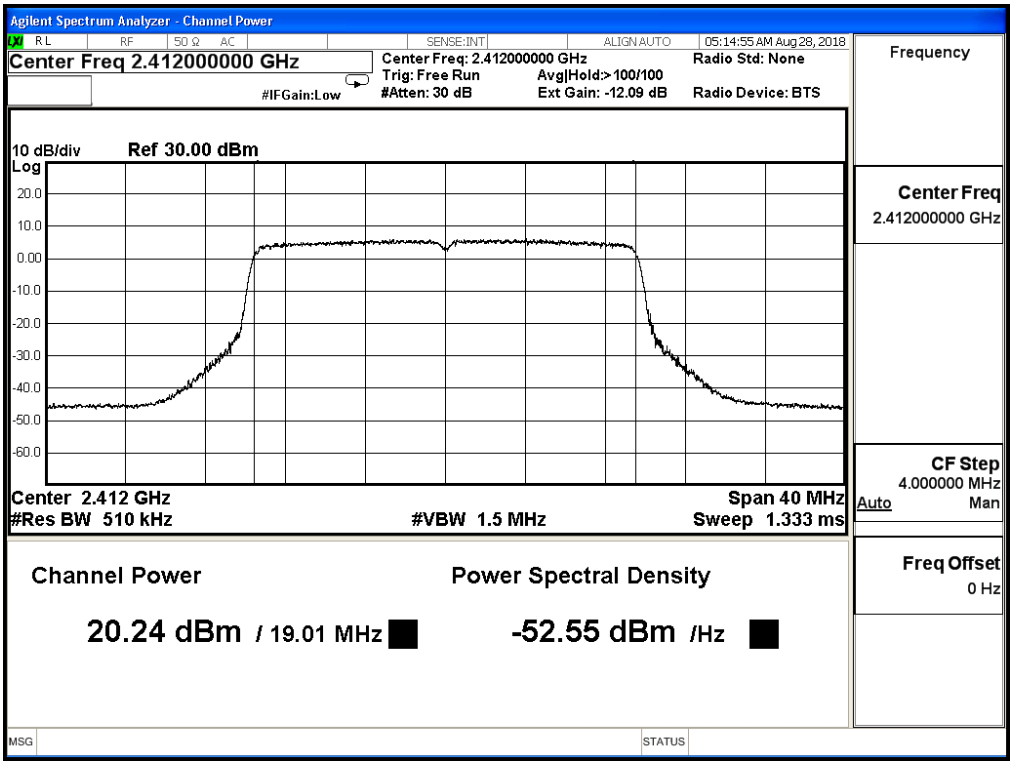
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.240	≦28.172
6	2437	22.060	≦28.172
11	2462	17.360	≦28.172

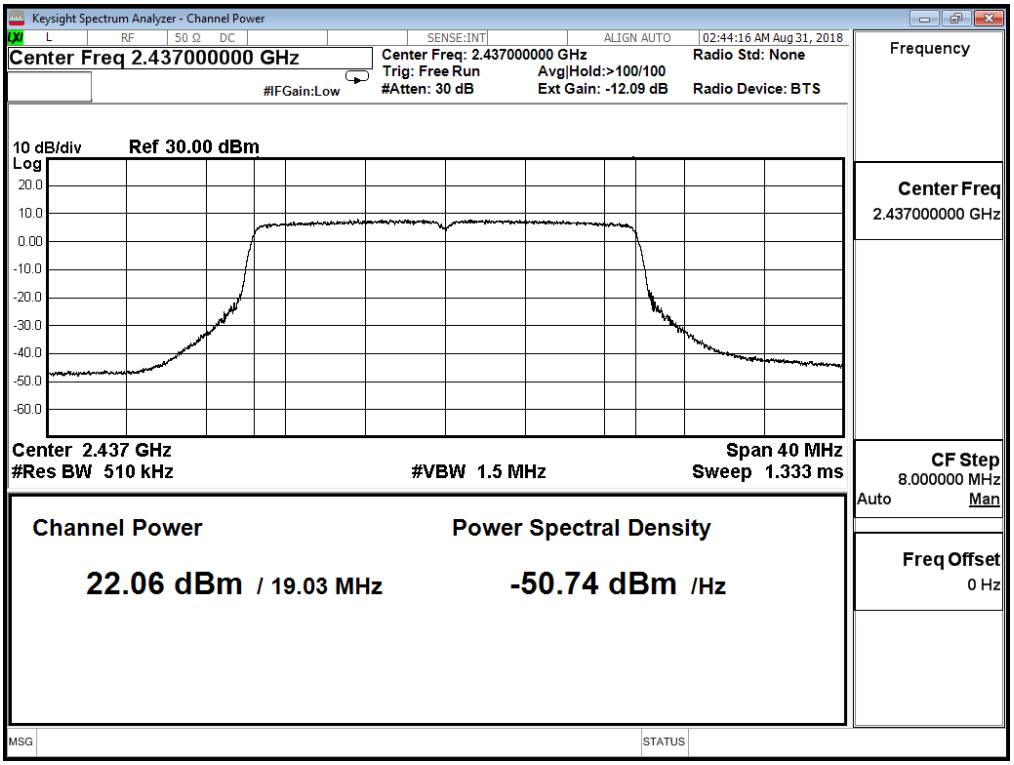
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

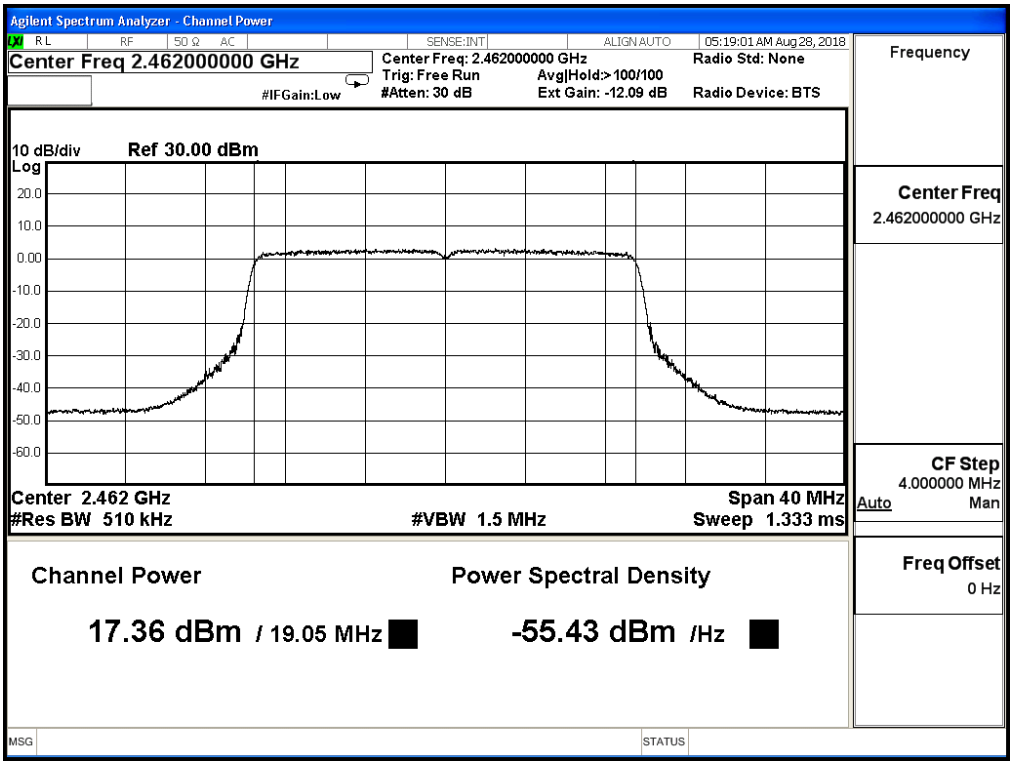
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



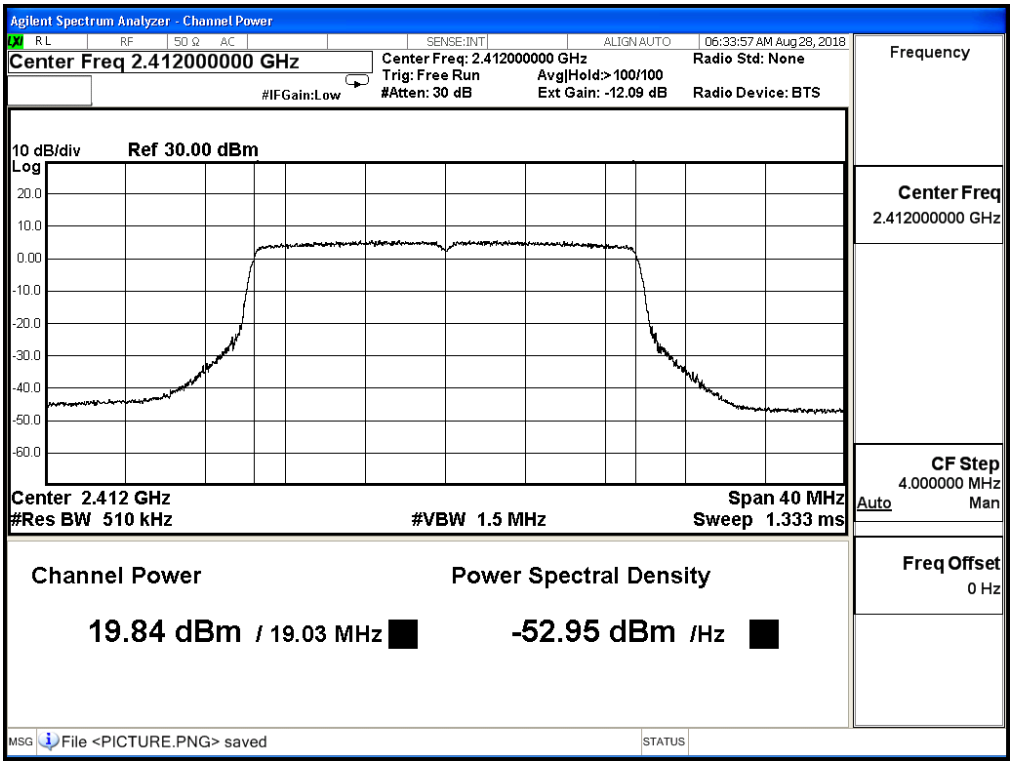
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	19.840	≦28.172
6	2437	21.860	≦28.172
11	2462	16.710	≦28.172

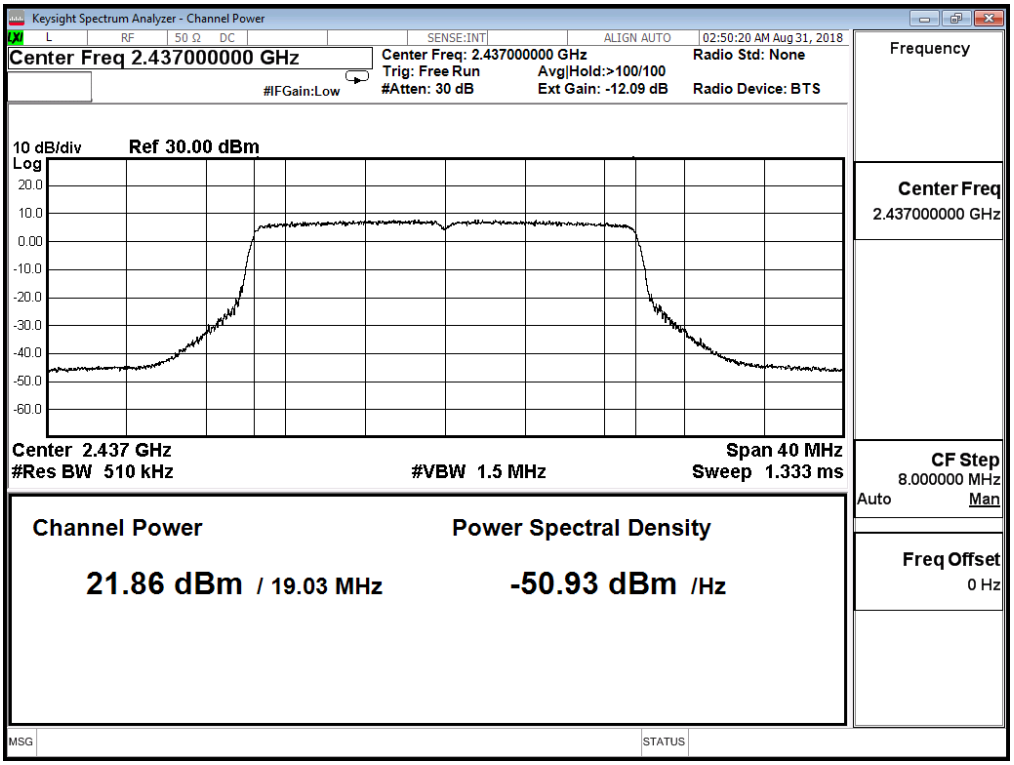
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

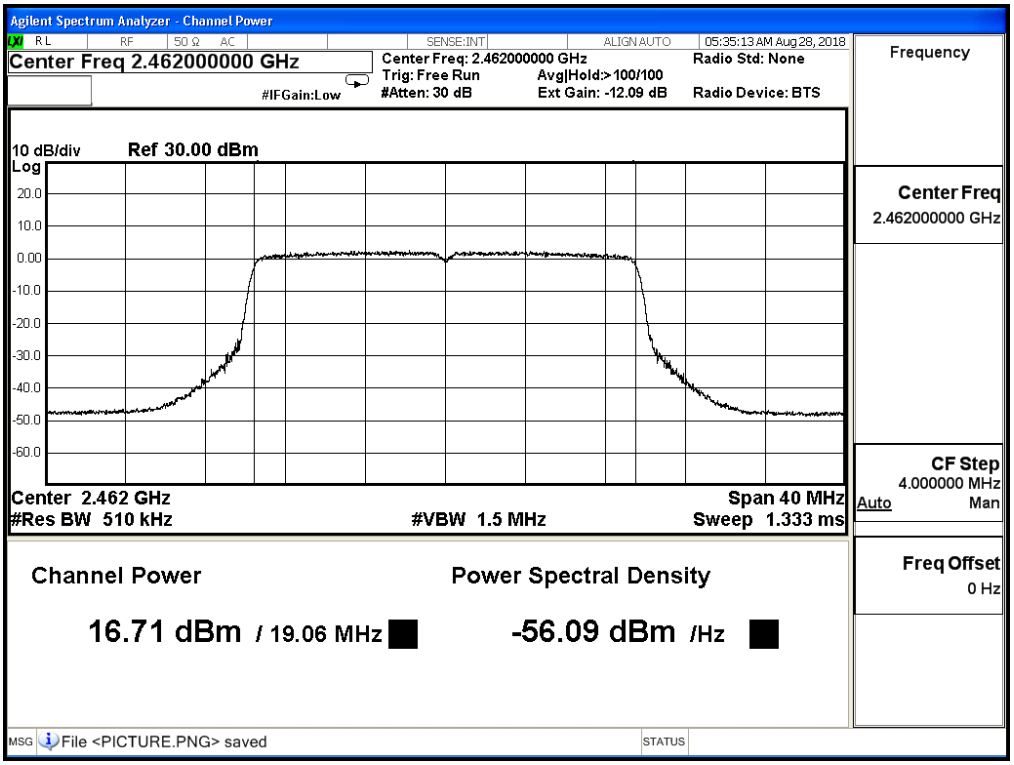
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 20M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	26.032	≦28.172
6	2437	27.942	≦28.172
11	2462	22.997	≦28.172

Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

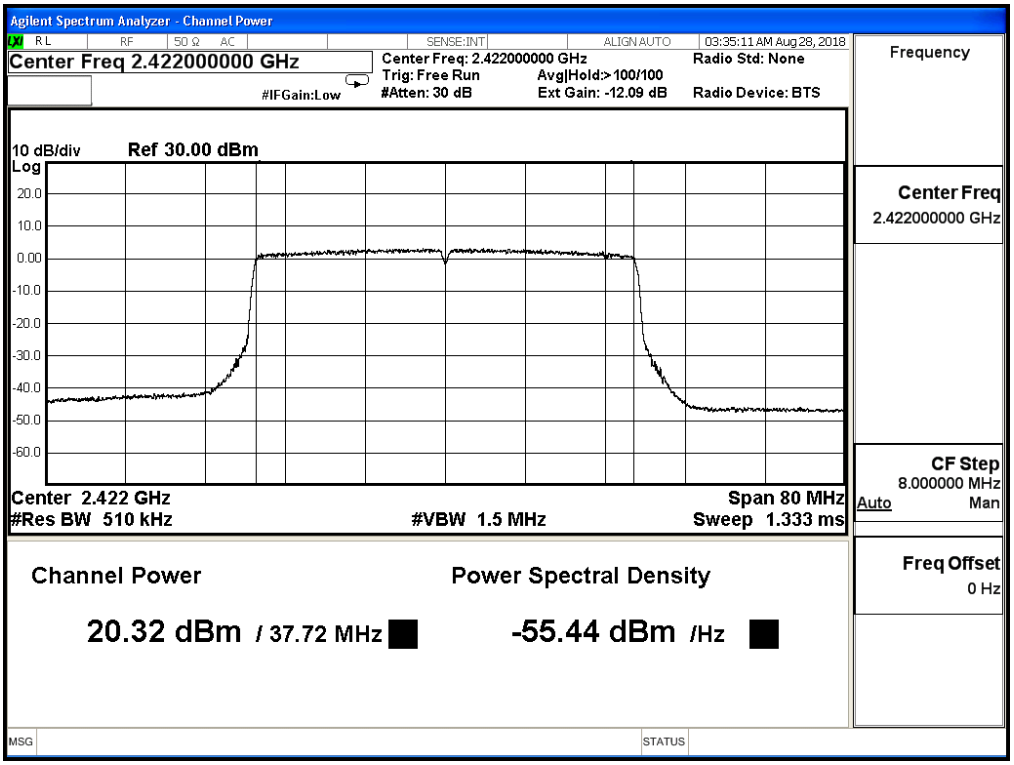
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	20.320	≦28.172
6	2437	18.350	≦28.172
9	2452	15.450	≦28.172

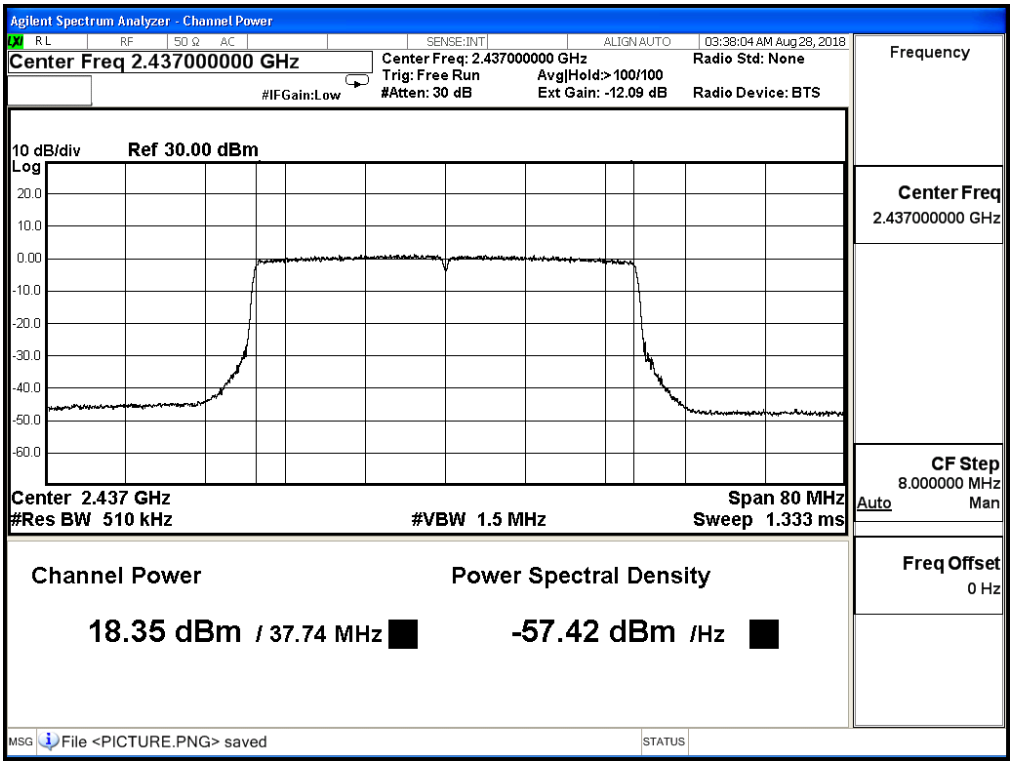
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

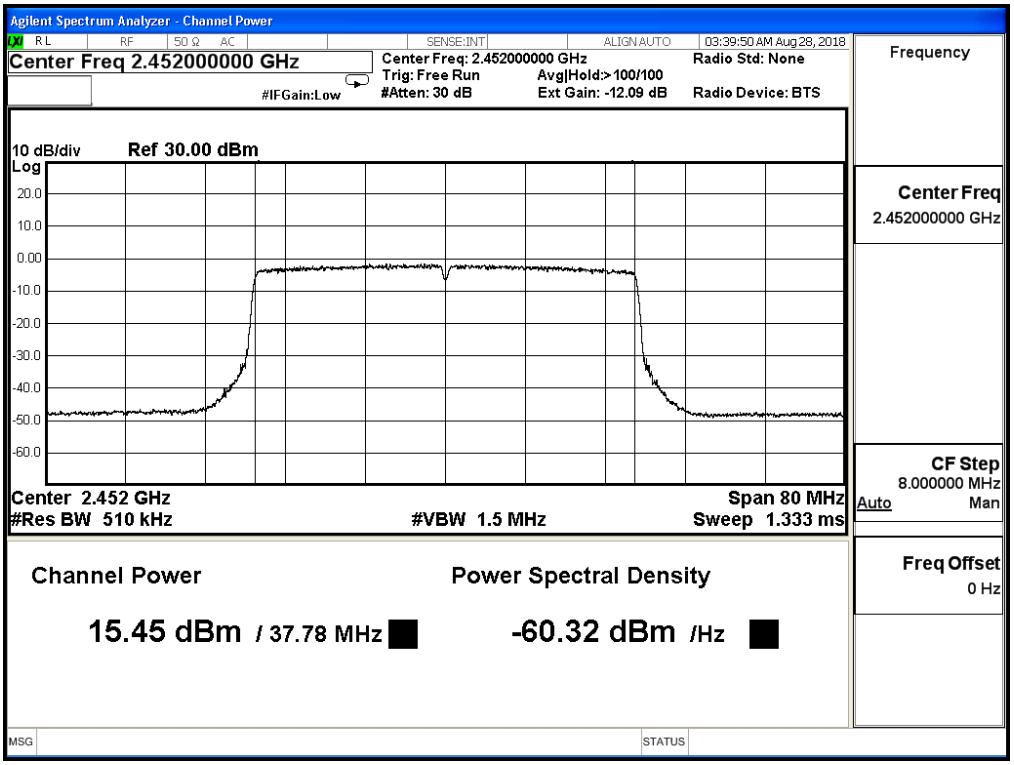
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



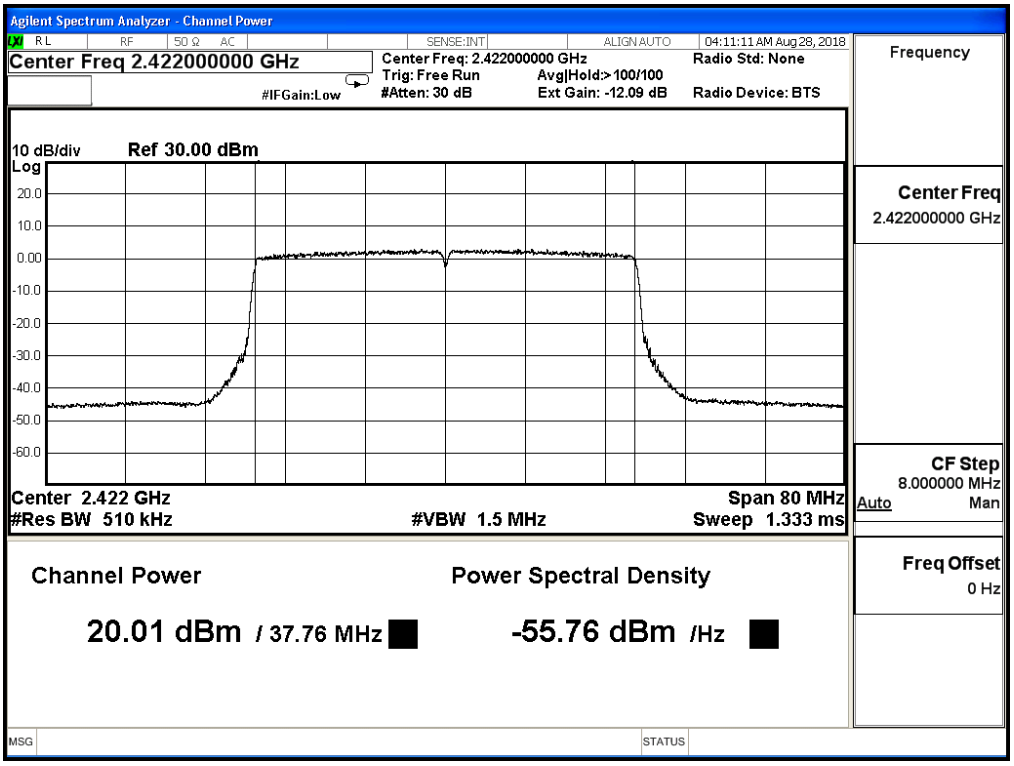
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	20.010	≦28.172
6	2437	17.710	≦28.172
9	2452	14.840	≦28.172

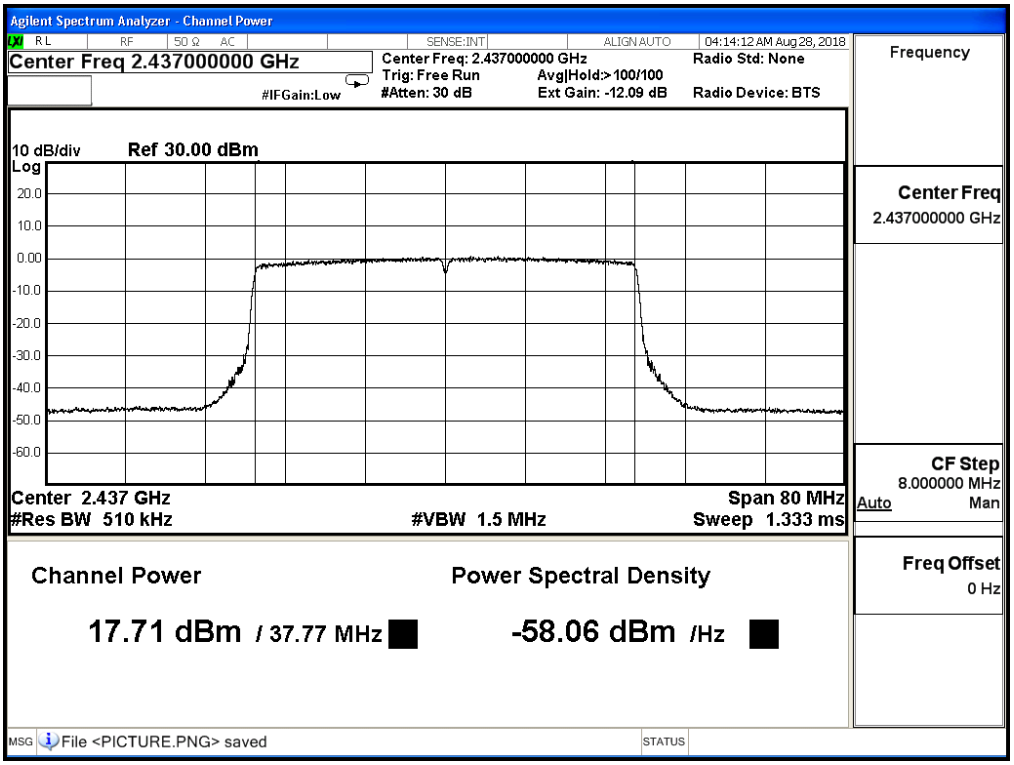
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

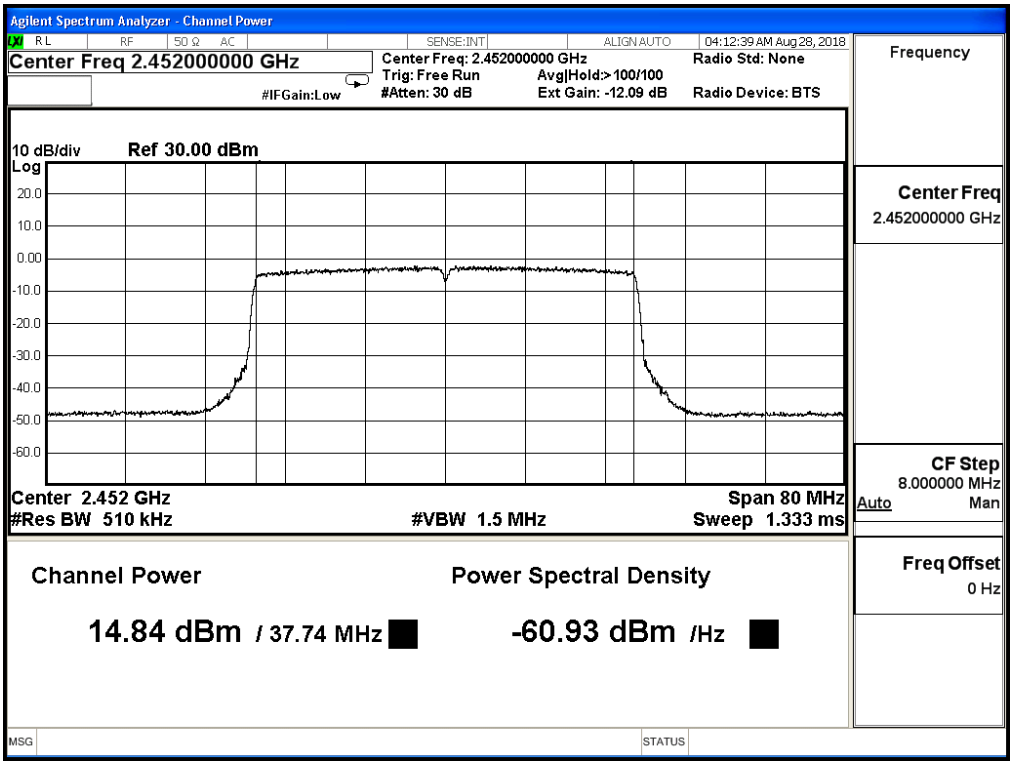
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



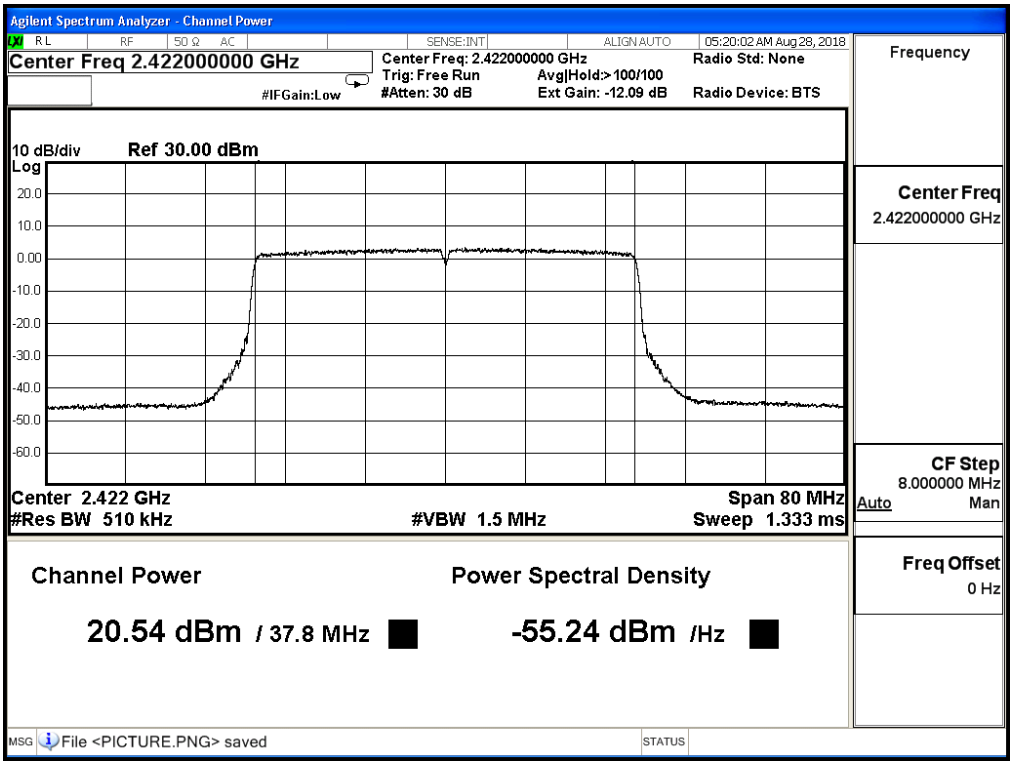
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	20.540	≦28.172
6	2437	18.520	≦28.172
9	2452	15.470	≦28.172

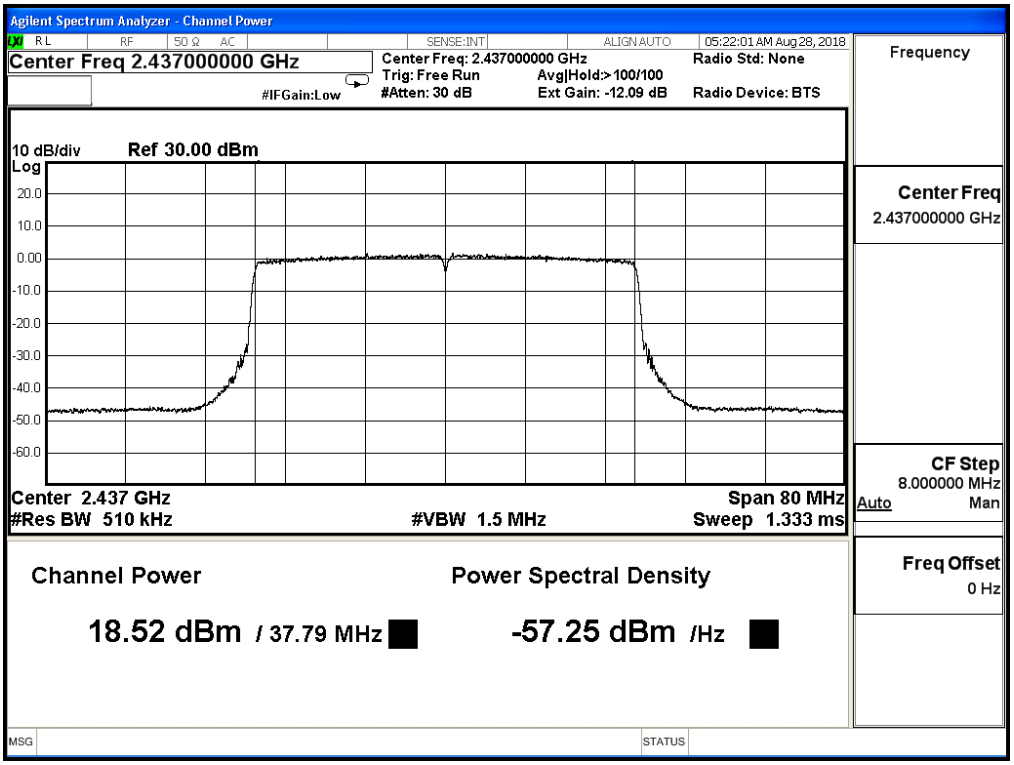
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

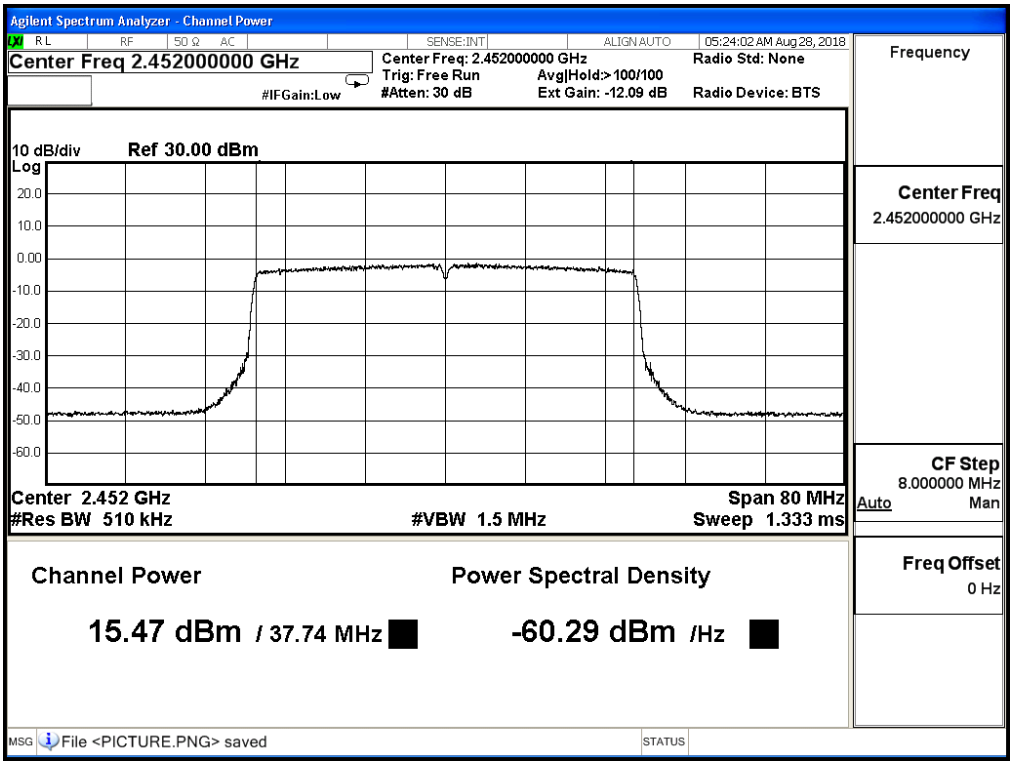
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



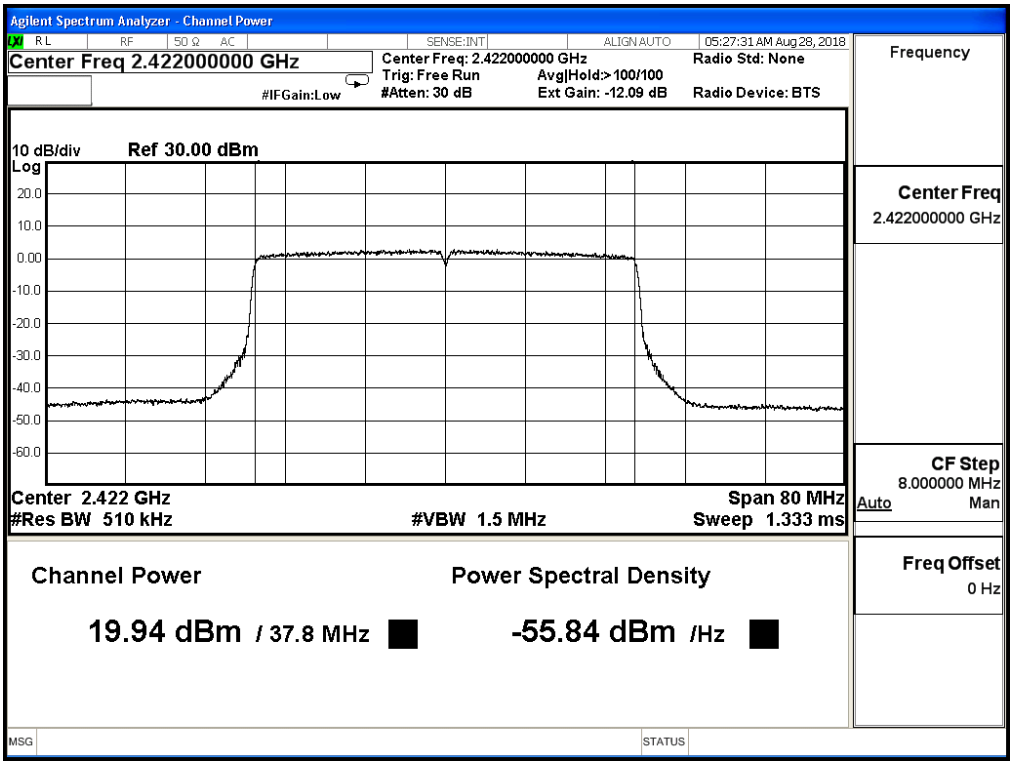
Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	19.940	≦28.172
6	2437	17.820	≦28.172
9	2452	14.810	≦28.172

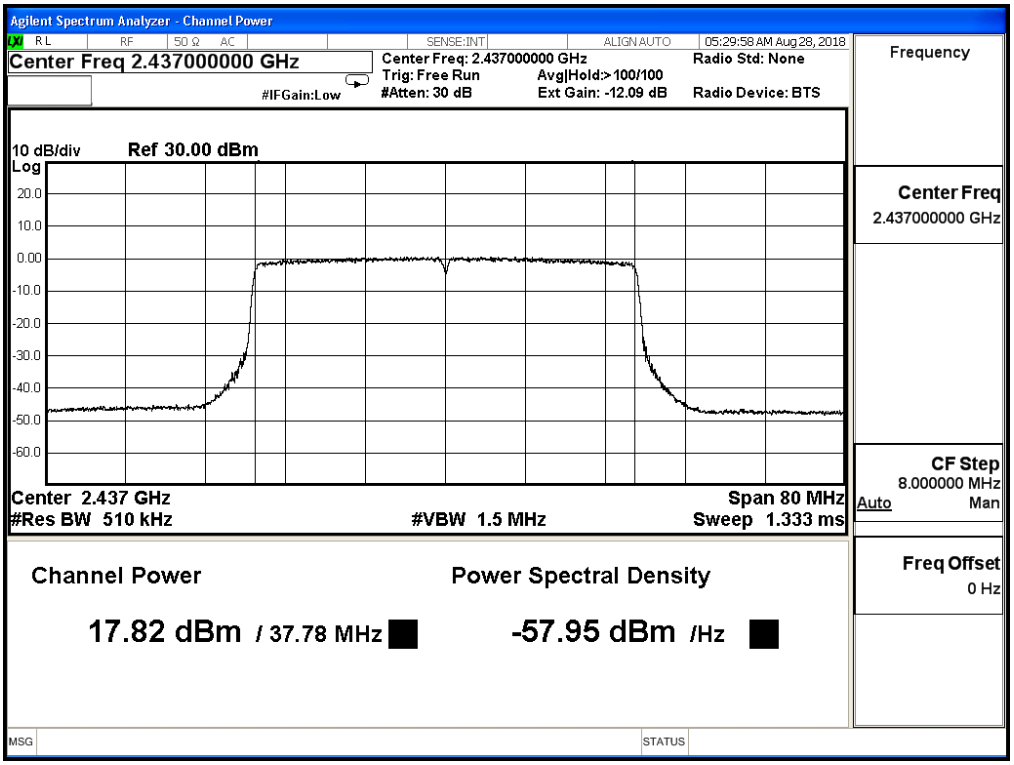
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

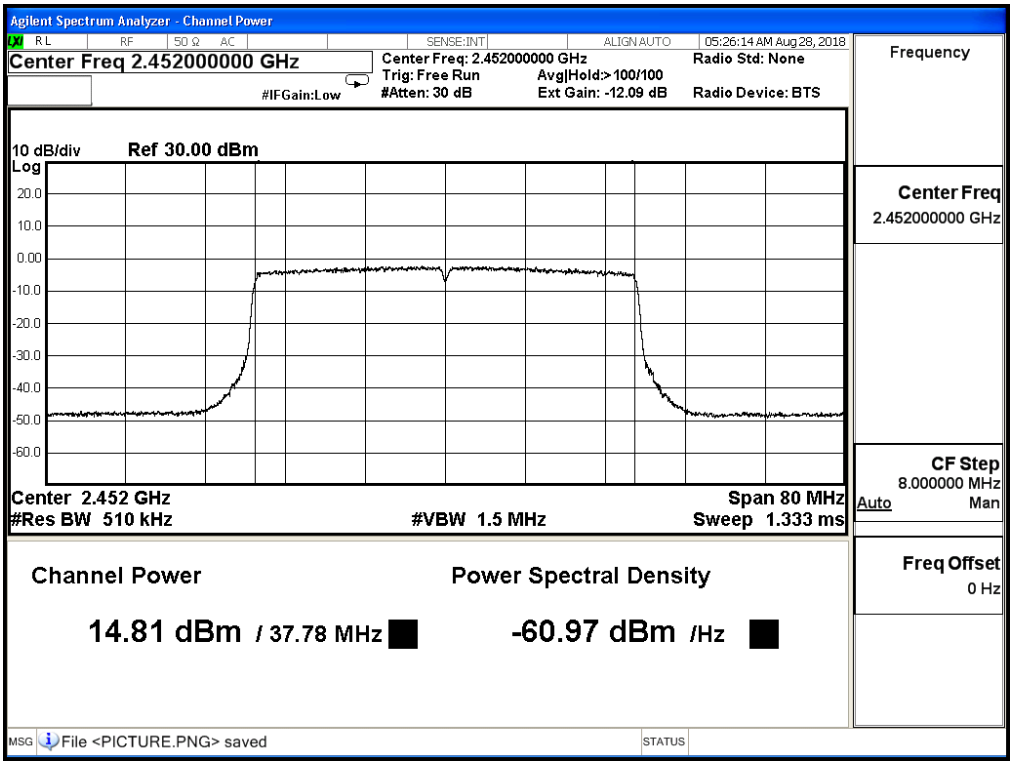
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	ROG Rapture GT-AX6000 Dual-band Gaming Router		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 3: Transmit _BF_ADP-65DW Y		
Date of Test	2018/08/22	Test Site	SR10-H

IEEE 802.11ax HE 40M (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	26.230	≦28.172
6	2437	24.134	≦28.172
9	2452	21.175	≦28.172

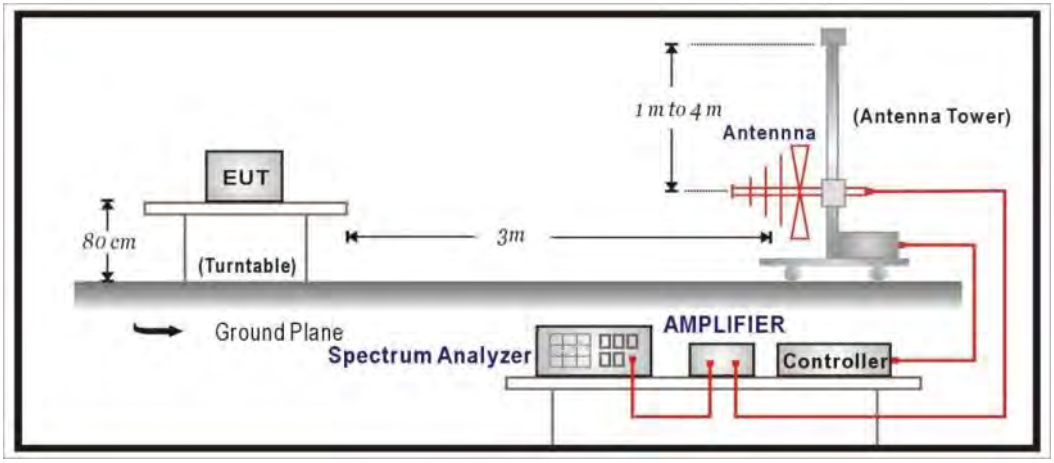
Directional gain = $10\log\{(10^{(1.9/20)}+10^{(1.2/20)}+10^{(2.2/20)}+10^{(1.9/20)})^2/4\}$ =7.828

Limit = 30dBm-(7.828-6)= 28.172 dBm

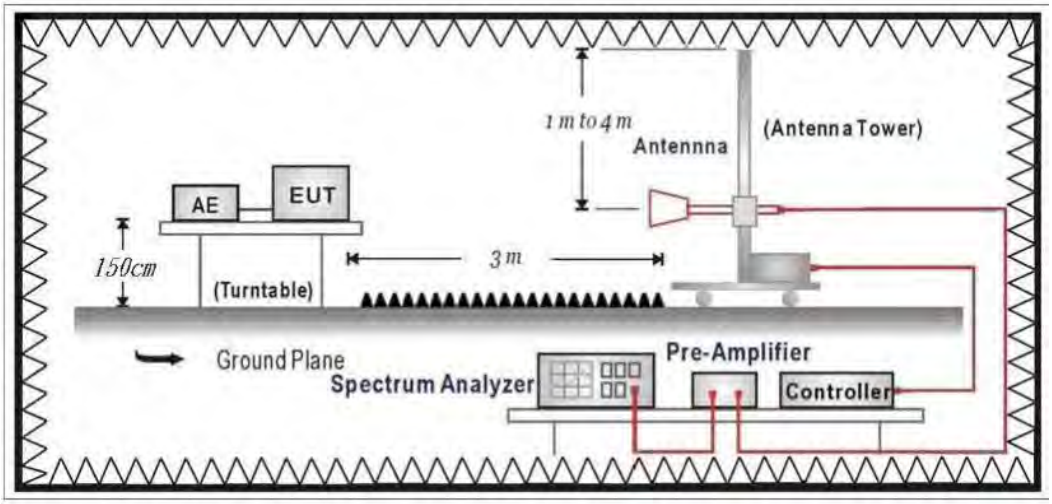
4. Radiated Emission

4.1. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.2. 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)

4.3. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 D01 V04 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.

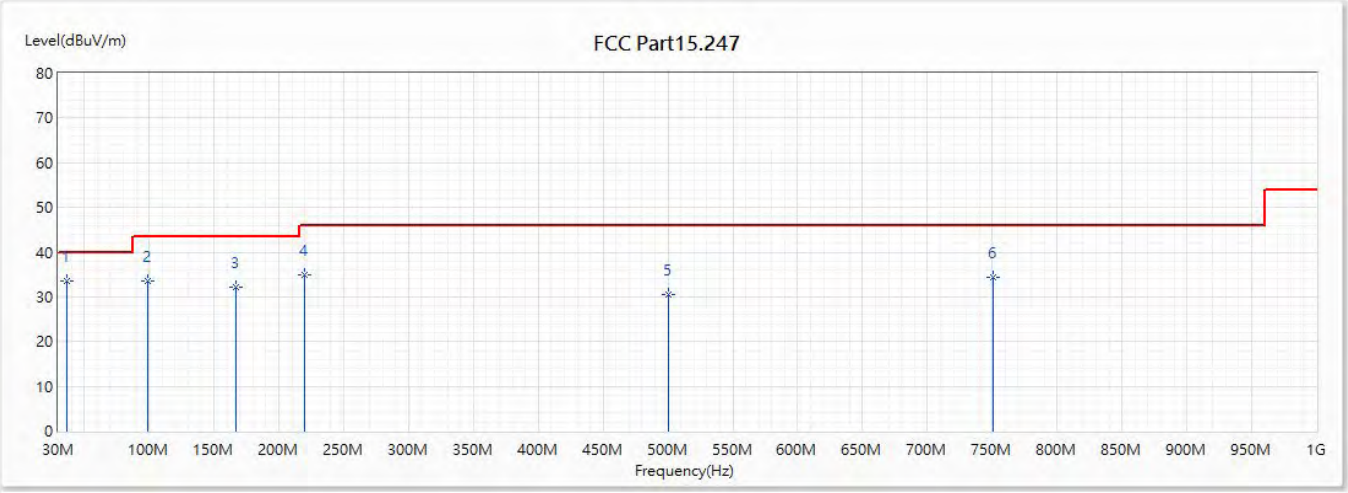
4.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2017

4.5. Test Result

30MHz-1GHz Spurious

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE (40)_2437MHz		

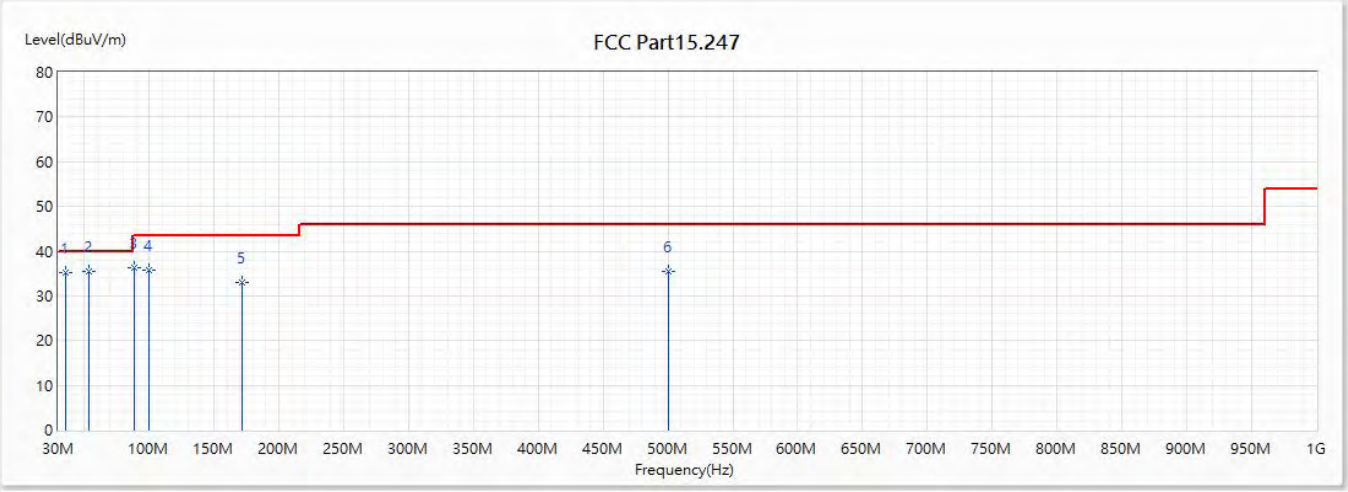


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	36.79	33.59	40.00	-6.41	49.60	-16.01	QP
2	98.87	33.44	43.50	-10.06	55.58	-22.14	QP
3	166.77	32.14	43.50	-11.36	54.17	-22.03	QP
4	220.12	34.99	46.00	-11.01	57.40	-22.41	QP
5	500.45	30.62	46.00	-15.38	45.25	-14.63	QP
6	750.71	34.47	46.00	-11.53	45.67	-11.20	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE (40)_2437MHz		

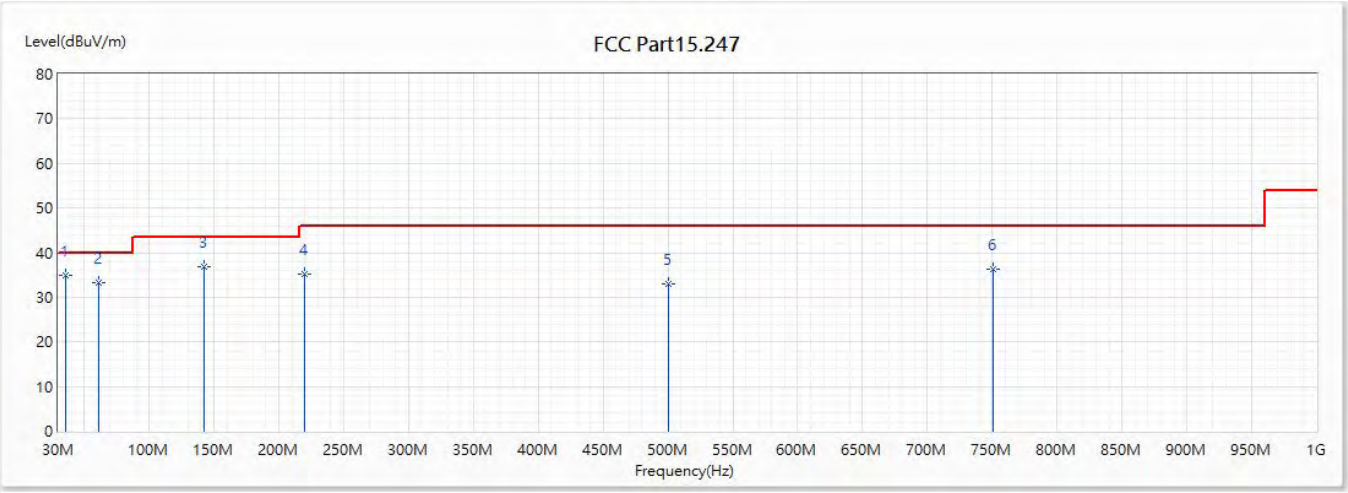


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	35.82	35.29	40.00	-4.71	51.23	-15.94	QP
* 2	53.28	35.41	40.00	-4.59	58.94	-23.53	QP
3	88.2	36.21	43.50	-7.29	61.38	-25.17	QP
4	99.84	35.72	43.50	-7.78	57.62	-21.90	QP
5	171.62	32.99	43.50	-10.51	54.71	-21.72	QP
6	500.45	35.35	46.00	-10.65	49.98	-14.63	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11b_2437MHz		

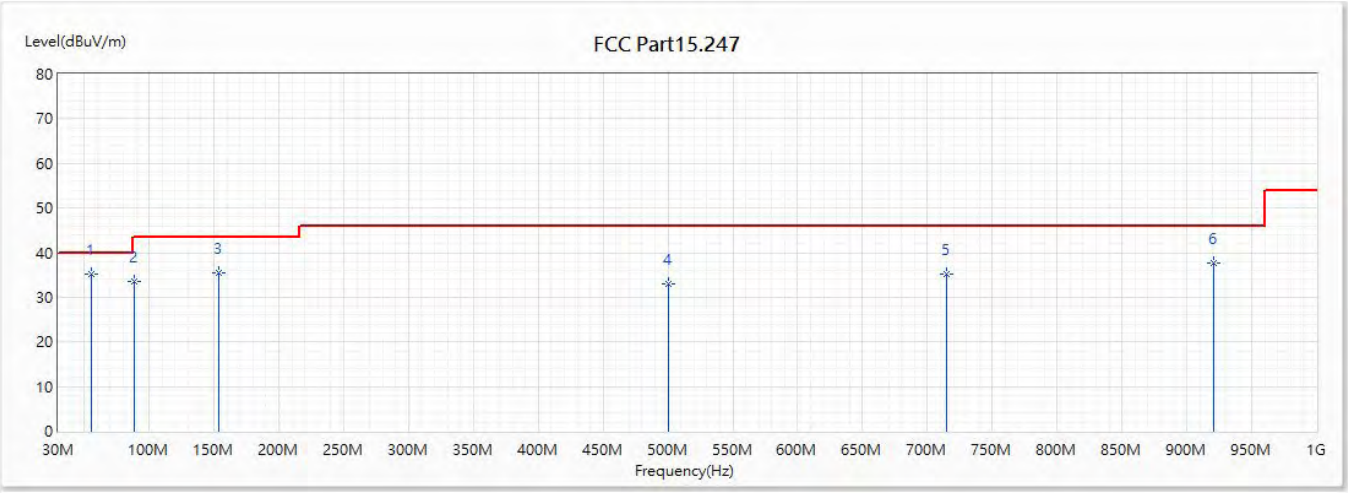


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	35.82	34.85	40.00	-5.15	50.78	-15.93	QP
2	61.04	33.35	40.00	-6.65	59.36	-26.01	QP
3	142.52	36.71	43.50	-6.79	58.10	-21.39	QP
4	220.12	35.06	46.00	-10.94	57.47	-22.41	QP
5	500.45	32.86	46.00	-13.14	47.49	-14.63	QP
6	750.71	36.39	46.00	-9.61	47.59	-11.20	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11b_2437MHz		

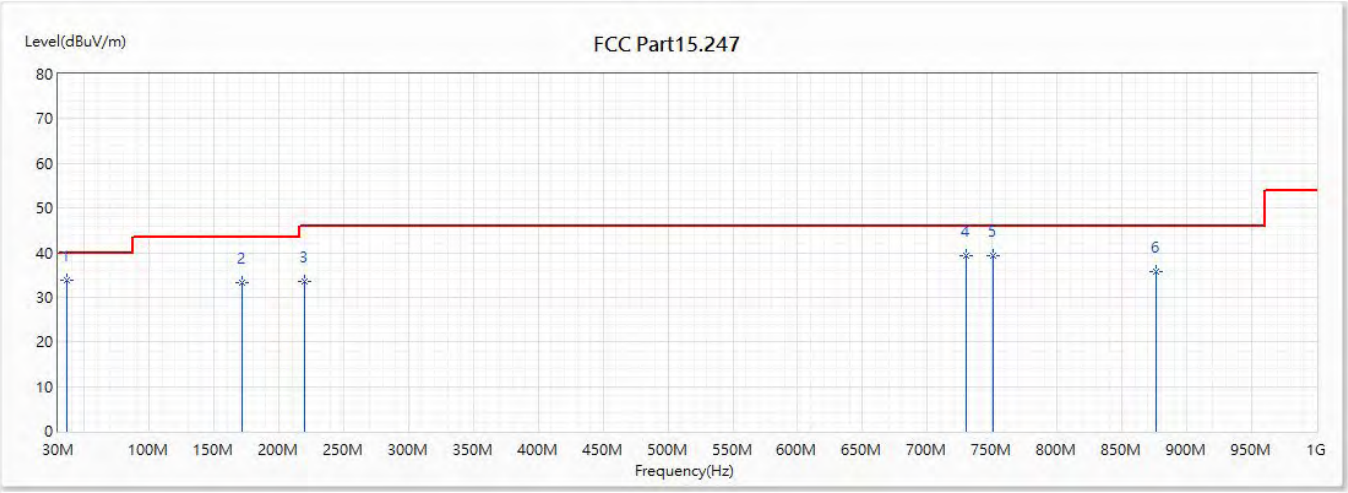


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	55.22	35.20	40.00	-4.80	59.09	-23.89	QP
2	88.2	33.60	43.50	-9.90	58.77	-25.17	QP
3	154.16	35.35	43.50	-8.15	57.81	-22.46	QP
4	500.45	32.95	46.00	-13.05	47.58	-14.63	QP
5	714.82	35.29	46.00	-10.71	47.66	-12.37	QP
6	920.46	37.68	46.00	-8.32	47.23	-9.55	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11g_2437MHz		

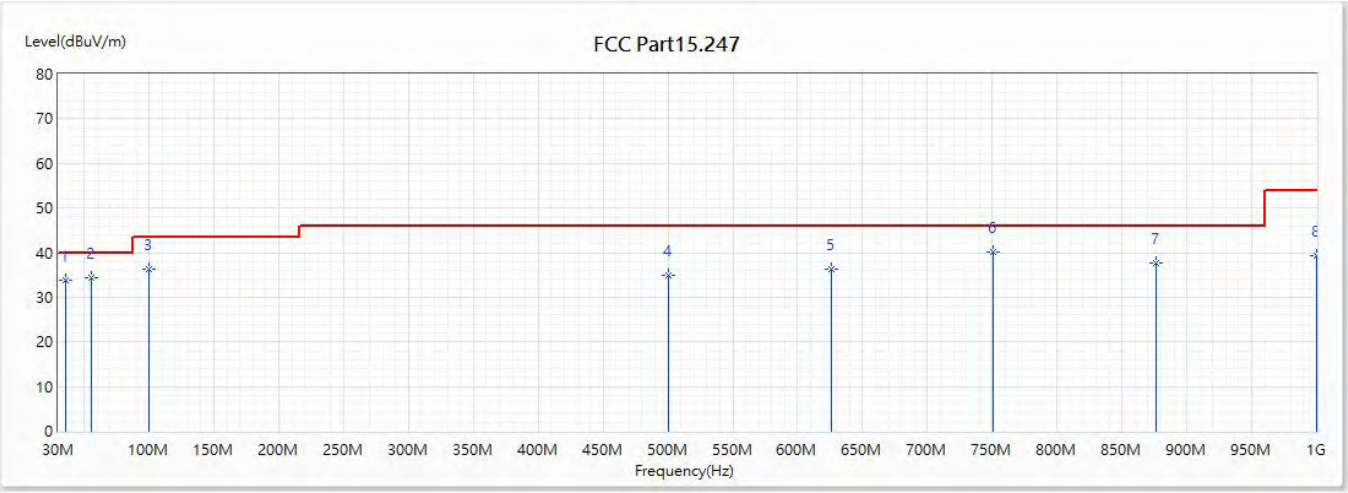


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	36.79	33.87	40.00	-6.13	49.88	-16.01	QP
2	171.62	33.31	43.50	-10.19	55.03	-21.72	QP
3	220.12	33.67	46.00	-12.33	56.08	-22.41	QP
4	730.34	39.35	46.00	-6.65	50.40	-11.05	QP
5	750.71	39.35	46.00	-6.65	50.55	-11.20	QP
6	875.84	35.80	46.00	-10.20	45.53	-9.73	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11g_2437MHz		

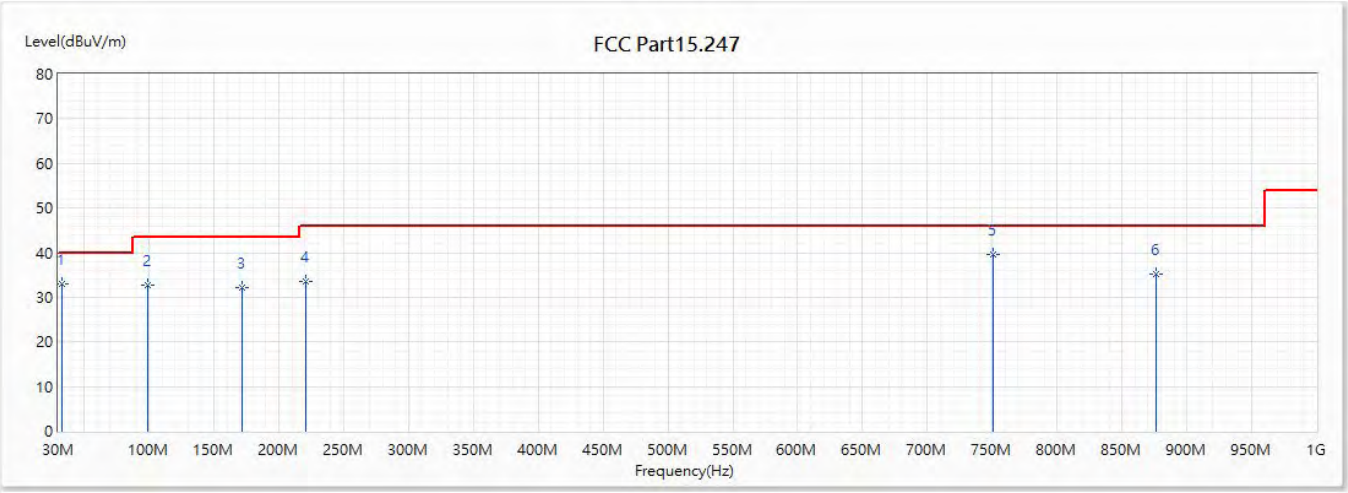


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	35.82	33.89	40.00	-6.11	49.83	-15.94	QP
* 2	55.22	34.41	40.00	-5.59	58.30	-23.89	QP
3	99.84	36.39	43.50	-7.11	58.29	-21.90	QP
4	500.45	34.81	46.00	-11.19	49.44	-14.63	QP
5	625.58	36.29	46.00	-9.71	49.65	-13.36	QP
6	750.71	40.08	46.00	-5.92	51.28	-11.20	QP
7	875.84	37.65	46.00	-8.35	47.38	-9.73	QP
8	1000	39.31	54.00	-14.69	47.38	-8.07	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ac VHT (20)_2437MHz		

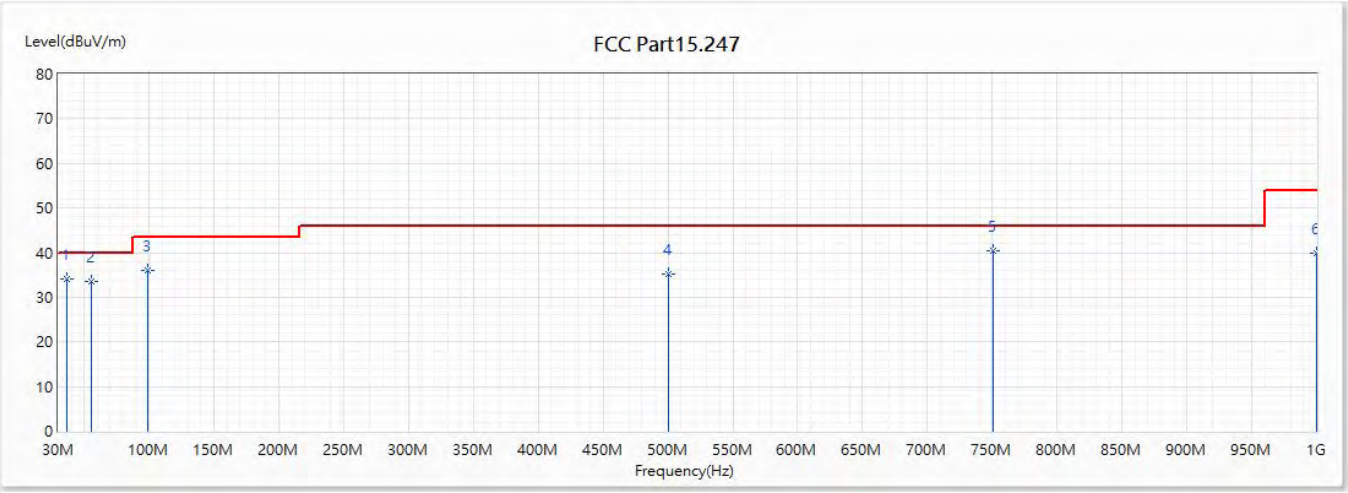


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	32.91	32.87	40.00	-7.13	48.56	-15.69	QP
2	98.87	32.61	43.50	-10.89	54.75	-22.14	QP
3	171.62	32.20	43.50	-11.30	53.92	-21.72	QP
4	221.09	33.64	46.00	-12.36	55.84	-22.20	QP
* 5	750.71	39.67	46.00	-6.33	50.87	-11.20	QP
6	875.84	35.12	46.00	-10.88	44.85	-9.73	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ac VHT (20)_2437MHz		

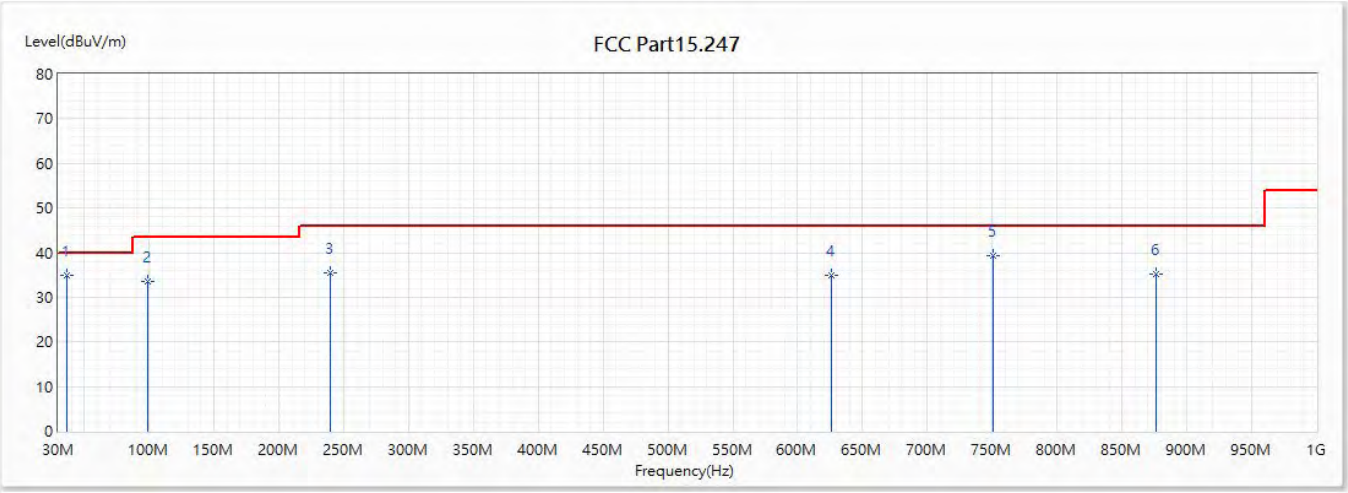


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	36.79	34.21	40.00	-5.79	50.23	-16.02	QP
2	55.22	33.59	40.00	-6.41	57.48	-23.89	QP
3	98.87	36.08	43.50	-7.42	58.22	-22.14	QP
4	500.45	35.08	46.00	-10.92	49.71	-14.63	QP
* 5	750.71	40.31	46.00	-5.69	51.51	-11.20	QP
6	1000	39.94	54.00	-14.06	48.01	-8.07	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ac VHT (40)_2437MHz		

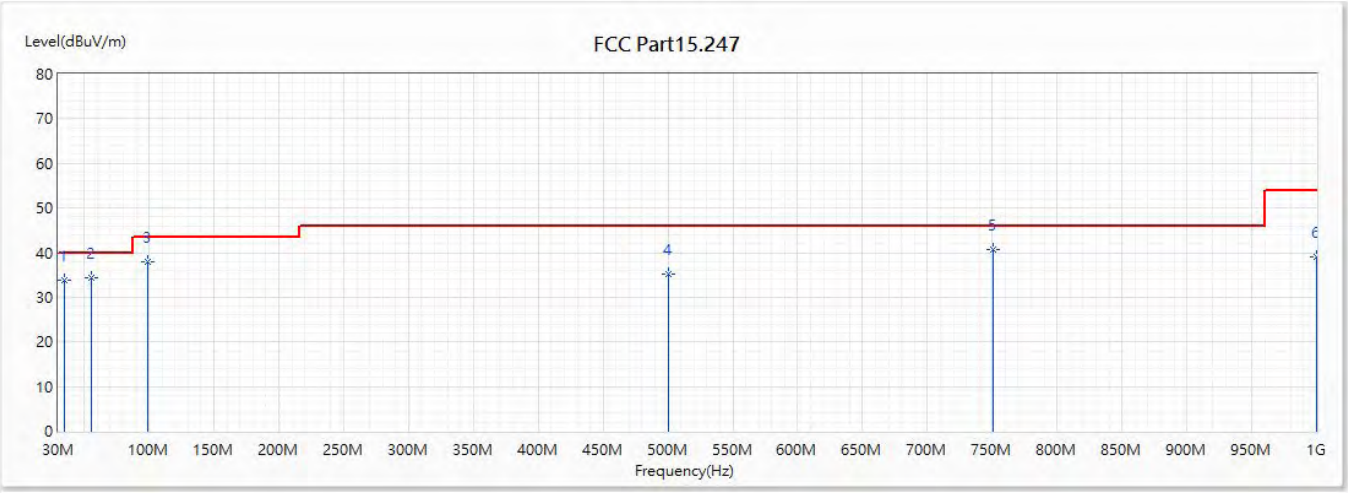


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	36.79	34.84	40.00	-5.16	50.85	-16.01	QP
2	98.87	33.56	43.50	-9.94	55.70	-22.14	QP
3	239.52	35.41	46.00	-10.59	56.47	-21.06	QP
4	625.58	34.86	46.00	-11.14	48.22	-13.36	QP
5	750.71	39.37	46.00	-6.63	50.57	-11.20	QP
6	875.84	35.10	46.00	-10.90	44.83	-9.73	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ac VHT (40)_2437MHz		

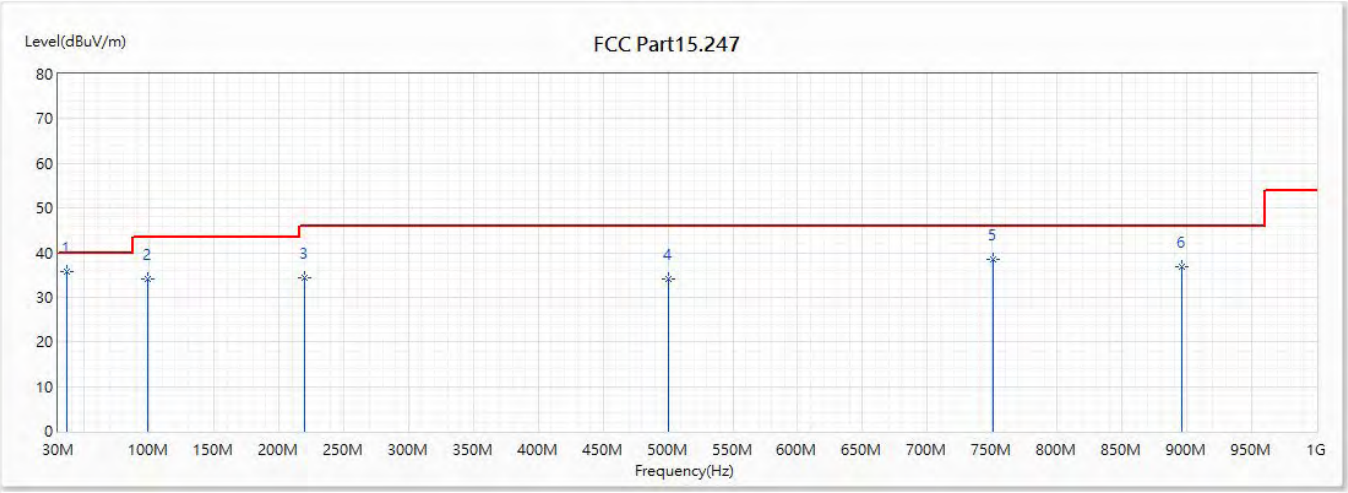


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	34.85	33.93	40.00	-6.07	49.80	-15.87	QP
2	55.22	34.42	40.00	-5.58	58.31	-23.89	QP
3	98.87	37.90	43.50	-5.60	60.04	-22.14	QP
4	500.45	35.14	46.00	-10.86	49.77	-14.63	QP
* 5	750.71	40.78	46.00	-5.22	51.98	-11.20	QP
6	1000	39.11	54.00	-14.89	47.18	-8.07	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (20)_2437MHz		

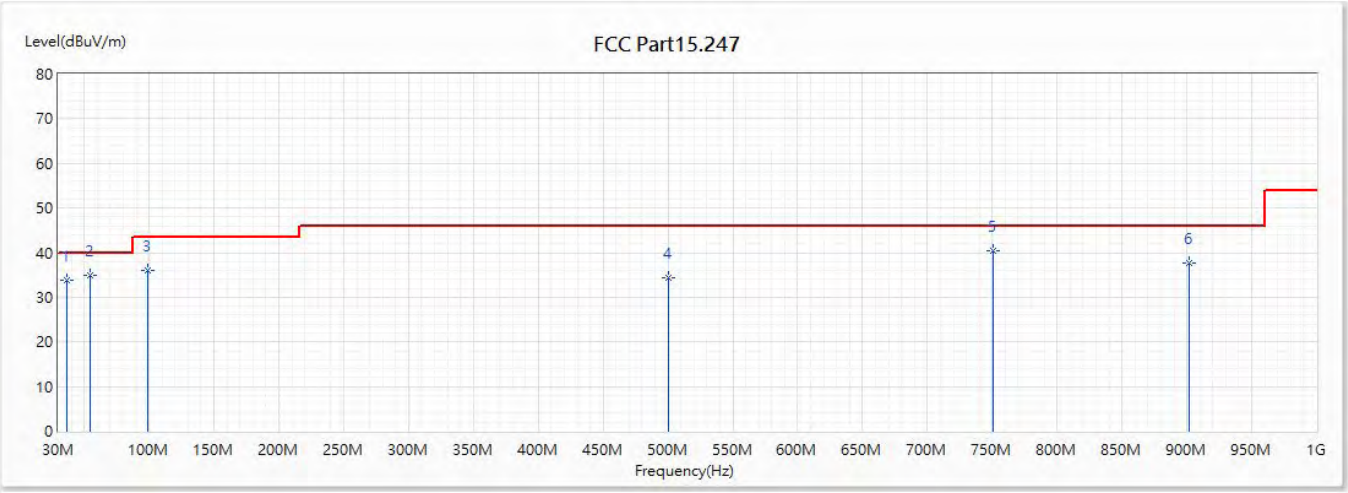


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	36.79	35.68	40.00	-4.32	51.69	-16.01	QP
2	98.87	33.96	43.50	-9.54	56.10	-22.14	QP
3	220.12	34.38	46.00	-11.62	56.79	-22.41	QP
4	500.45	34.04	46.00	-11.96	48.67	-14.63	QP
5	750.71	38.43	46.00	-7.57	49.63	-11.20	QP
6	896.21	36.96	46.00	-9.04	46.40	-9.44	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (20)_2437MHz		

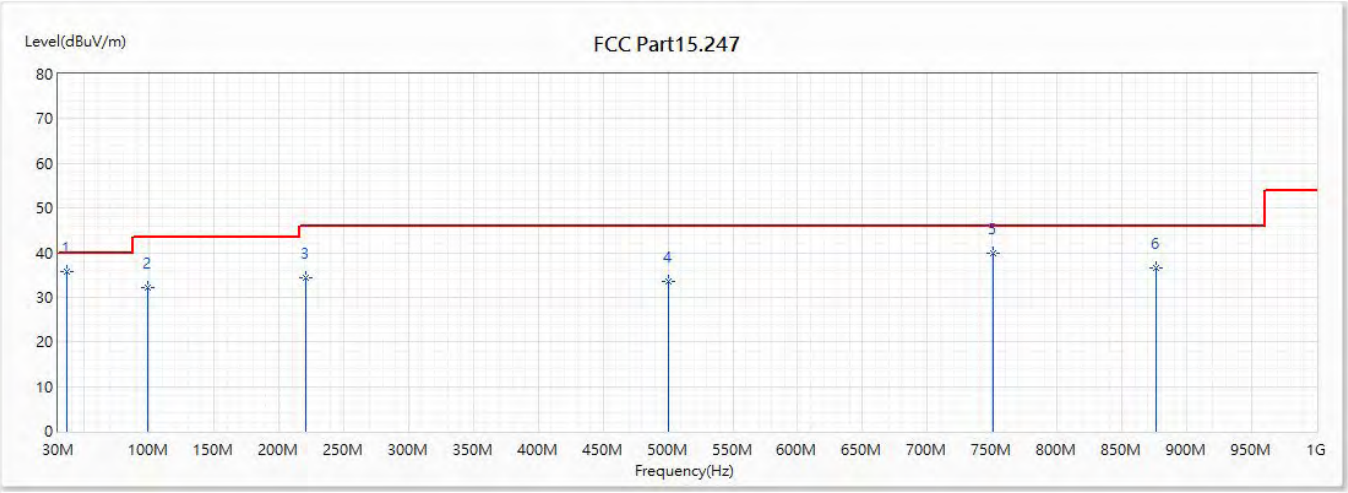


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	36.79	33.74	40.00	-6.26	49.76	-16.02	QP
* 2	54.25	34.87	40.00	-5.13	58.46	-23.59	QP
3	98.87	35.96	43.50	-7.54	58.10	-22.14	QP
4	500.45	34.23	46.00	-11.77	48.86	-14.63	QP
5	750.71	40.46	46.00	-5.54	51.66	-11.20	QP
6	902.03	37.67	46.00	-8.33	47.70	-10.03	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (40)_2437MHz		

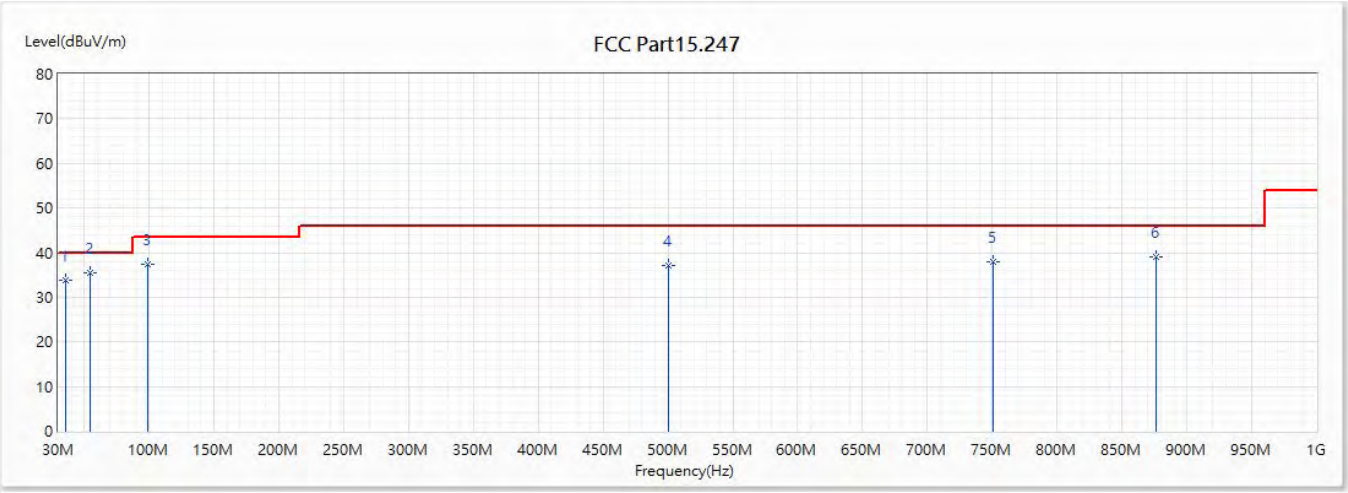


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	36.79	35.67	40.00	-4.33	51.68	-16.01	QP
2	98.87	32.08	43.50	-11.42	54.22	-22.14	QP
3	221.09	34.48	46.00	-11.52	56.68	-22.20	QP
4	500.45	33.42	46.00	-12.58	48.05	-14.63	QP
5	750.71	39.77	46.00	-6.23	50.97	-11.20	QP
6	875.84	36.63	46.00	-9.37	46.36	-9.73	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Rueyyan
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (40)_2437MHz		

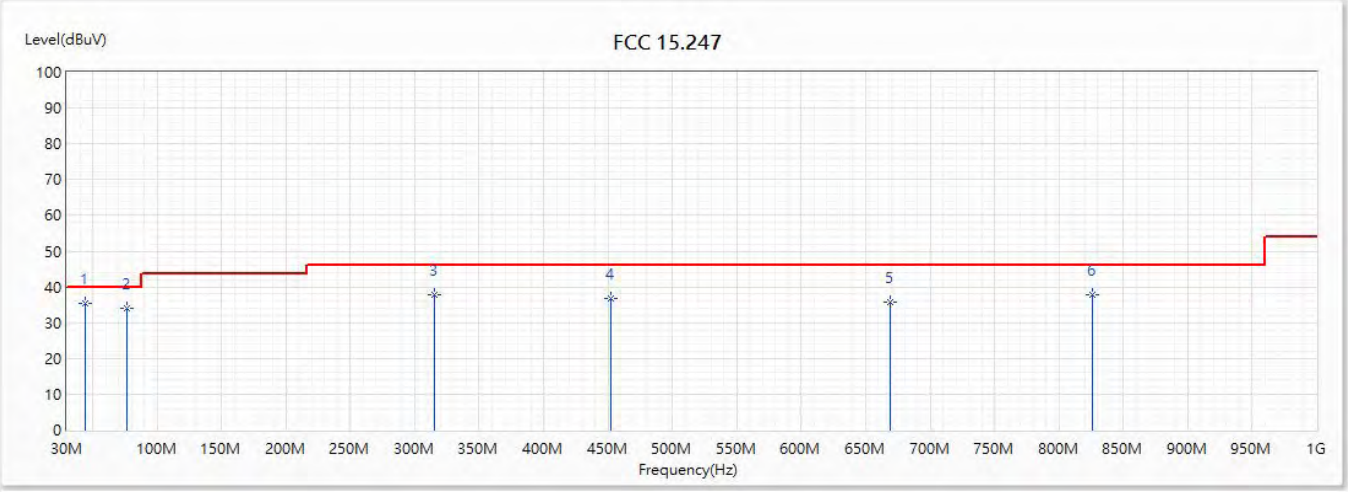


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	35.82	33.89	40.00	-6.11	49.83	-15.94	QP
* 2	54.25	35.41	40.00	-4.59	59.00	-23.59	QP
3	98.87	37.52	43.50	-5.98	59.66	-22.14	QP
4	500.45	37.09	46.00	-8.91	51.72	-14.63	QP
5	750.71	38.00	46.00	-8.00	49.20	-11.20	QP
6	875.84	39.03	46.00	-6.97	48.76	-9.73	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Carter
Model No :	GT-AX5400	Test Date :	2018/9/6
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE (40)_2437MHz		



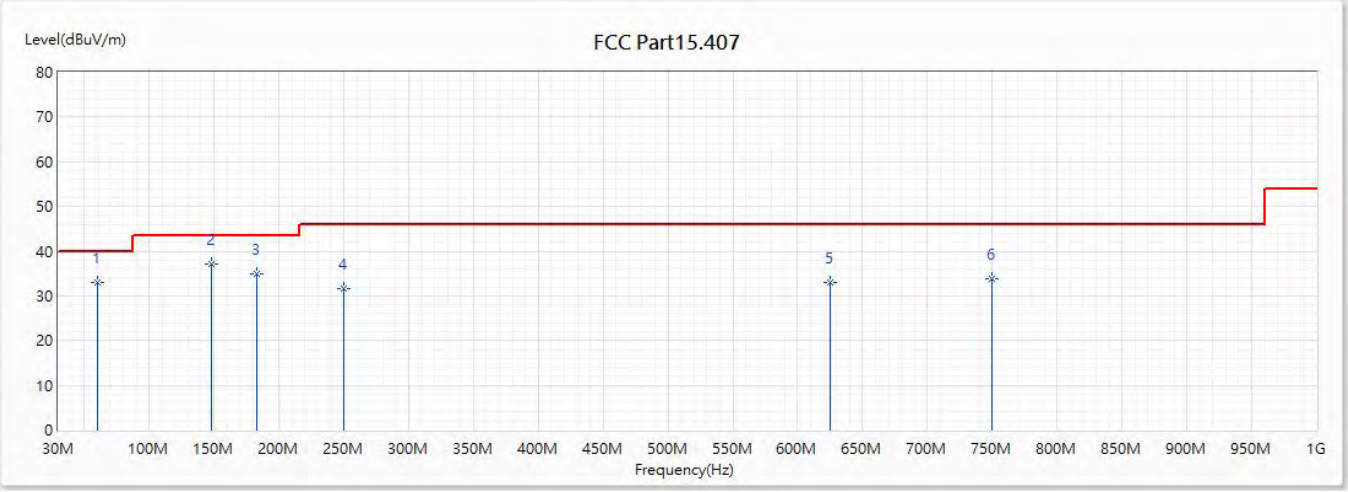
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	43.823	35.33	40.00	-4.67	53.96	-18.63	QP
2	76.924	34.00	40.00	-6.00	60.36	-26.36	QP
3	315.544	37.86	46.00	-8.14	56.59	-18.73	QP
4	452.314	36.87	46.00	-9.13	51.76	-14.89	QP
5	669.109	35.79	46.00	-10.21	47.12	-11.33	QP
6	825.885	37.88	46.00	-8.12	48.09	-10.21	QP

Remark:

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Carter
Model No :	GT-AX5400	Test Date :	2018/9/6
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE (40)_2437MHz		

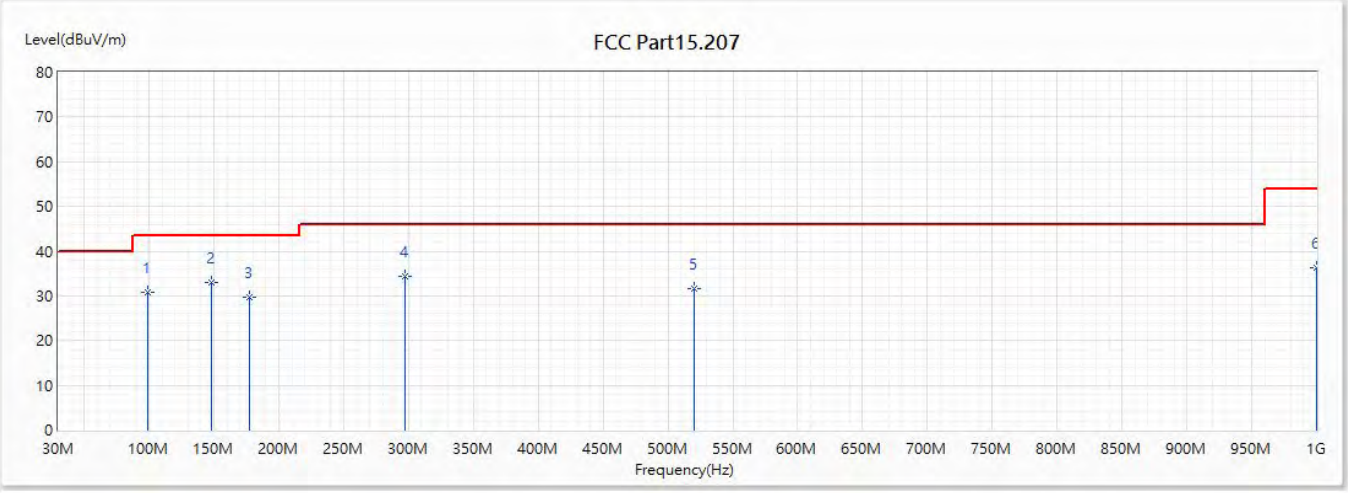


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	60.458	32.91	40.00	-7.09	58.88	-25.97	QP
* 2	148.534	37.12	43.50	-6.38	58.99	-21.87	QP
3	183.357	34.96	43.50	-8.54	57.31	-22.35	QP
4	249.996	31.66	46.00	-14.34	52.51	-20.85	QP
5	624.998	32.94	46.00	-13.06	46.30	-13.36	QP
6	750.031	33.78	46.00	-12.22	44.98	-11.20	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Carter
Model No :	GT-AX5400	Test Date :	2018/9/6
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (40)_2437MHz		

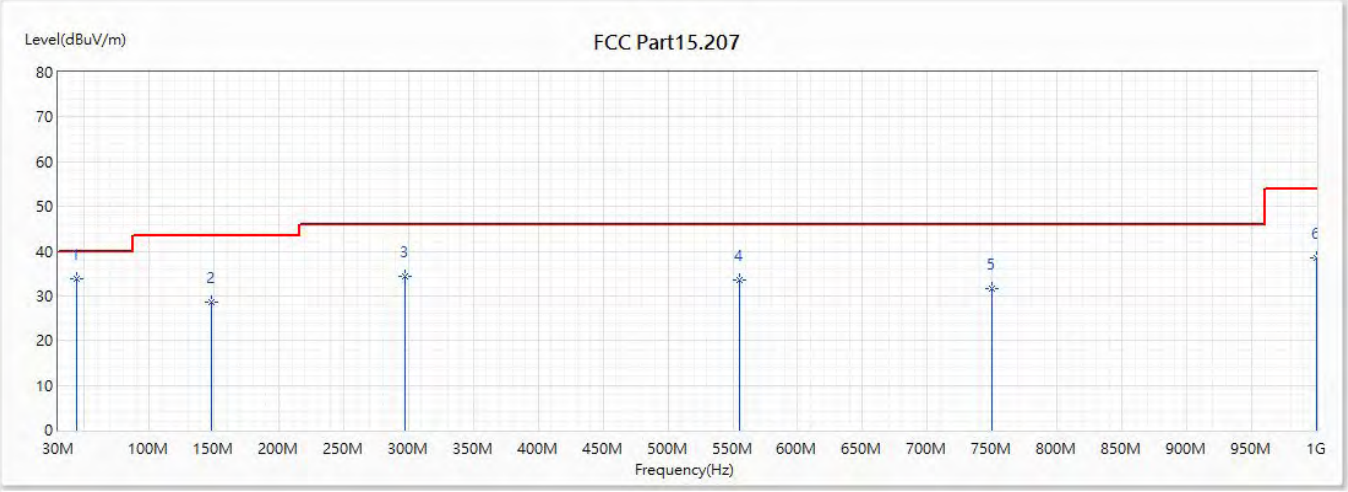


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	99.234	30.79	43.50	-12.71	52.84	-22.05	QP
* 2	148.461	33.06	43.50	-10.44	54.92	-21.86	QP
3	177.076	29.67	43.50	-13.83	51.41	-21.74	QP
4	297.114	34.50	46.00	-11.50	53.81	-19.31	QP
5	520.093	31.54	46.00	-14.46	44.91	-13.37	QP
6	1000	36.25	54.00	-17.75	44.32	-8.07	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Site :	CB4-H	Engineer :	Carter
Model No :	GT-AX5400	Test Date :	2018/9/6
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Transmit_CDD_ADP-65DW B		
Note :	802.11ax HE (40)_2437MHz		



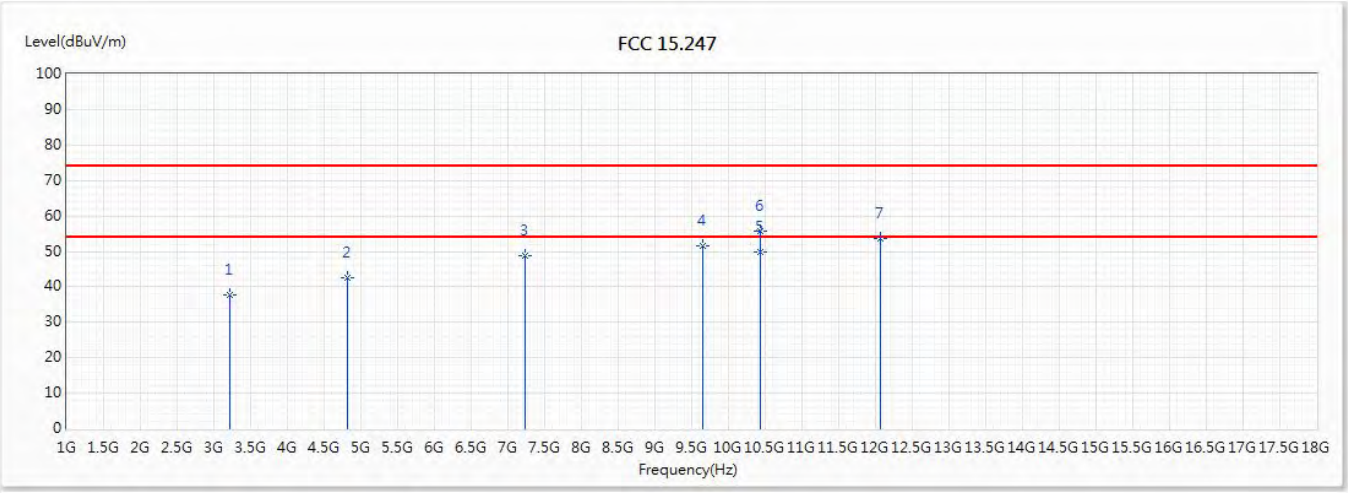
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	44.186	33.86	40.00	-6.14	52.73	-18.87	QP
2	148.461	28.60	43.50	-14.90	50.46	-21.86	QP
3	297.114	34.41	46.00	-11.59	53.72	-19.31	QP
4	554.891	33.54	46.00	-12.46	46.98	-13.44	QP
5	750.104	31.67	46.00	-14.33	42.87	-11.20	QP
6	1000	38.49	54.00	-15.51	46.56	-8.07	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are too low.

Above 1GHz Spurious

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2412MHz		

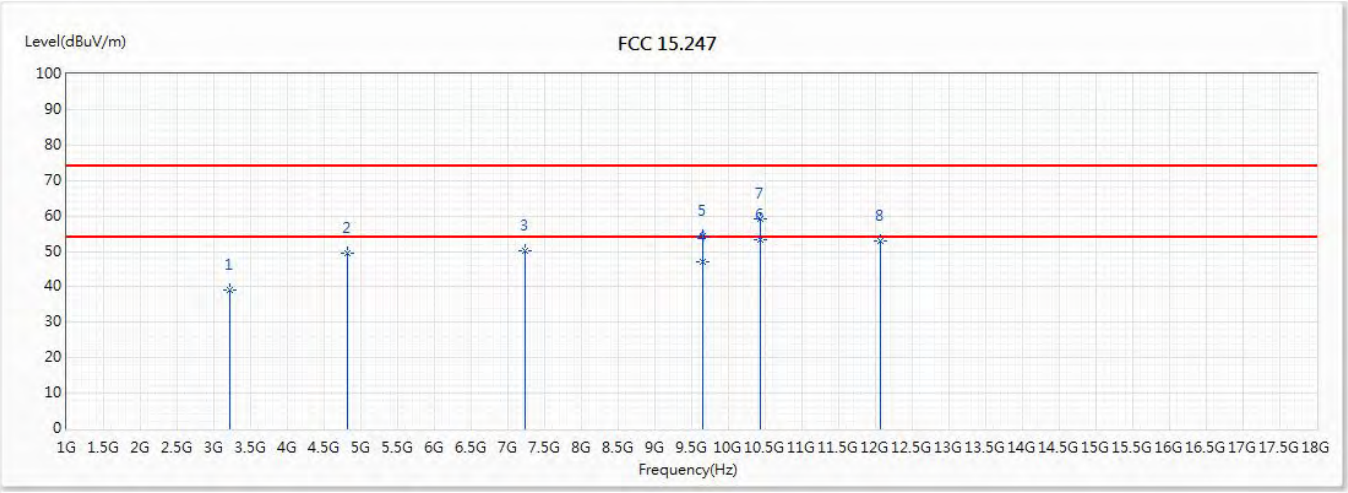


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	37.82	74.00	-36.18	44.55	-6.73	PK
2	4824	42.43	74.00	-31.57	43.09	-0.66	PK
3	7236	48.84	74.00	-25.16	41.74	7.10	PK
4	9648	51.57	74.00	-22.43	38.97	12.60	PK
* 5	10440	49.67	54.00	-4.33	34.98	14.69	AV
6	10440	55.72	74.00	-18.28	41.03	14.69	PK
7	12060	53.68	74.00	-20.32	38.10	15.58	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/5
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2412MHz		

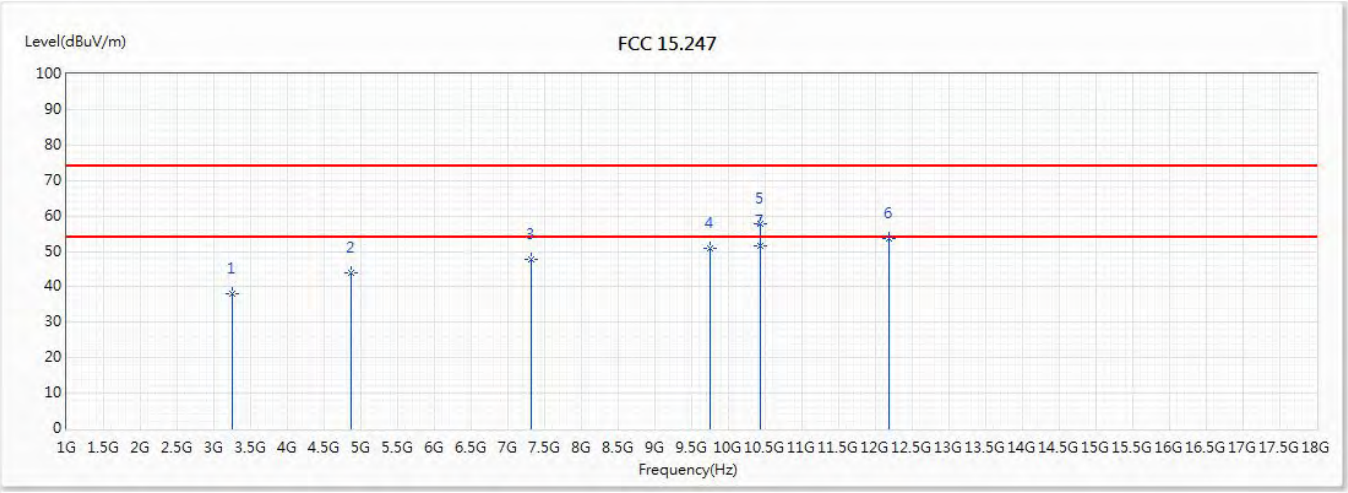


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.93	74.00	-35.07	45.66	-6.73	PK
2	4824	49.55	74.00	-24.45	50.21	-0.66	PK
3	7236	50.29	74.00	-23.71	43.19	7.10	PK
4	9648	46.98	54.00	-7.02	34.38	12.60	AV
5	9648	54.28	74.00	-19.72	41.68	12.60	PK
* 6	10440	53.18	54.00	-0.82	38.49	14.69	AV
7	10440	59.12	74.00	-14.88	44.43	14.69	PK
8	12060	52.82	74.00	-21.18	37.24	15.58	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2437MHz		

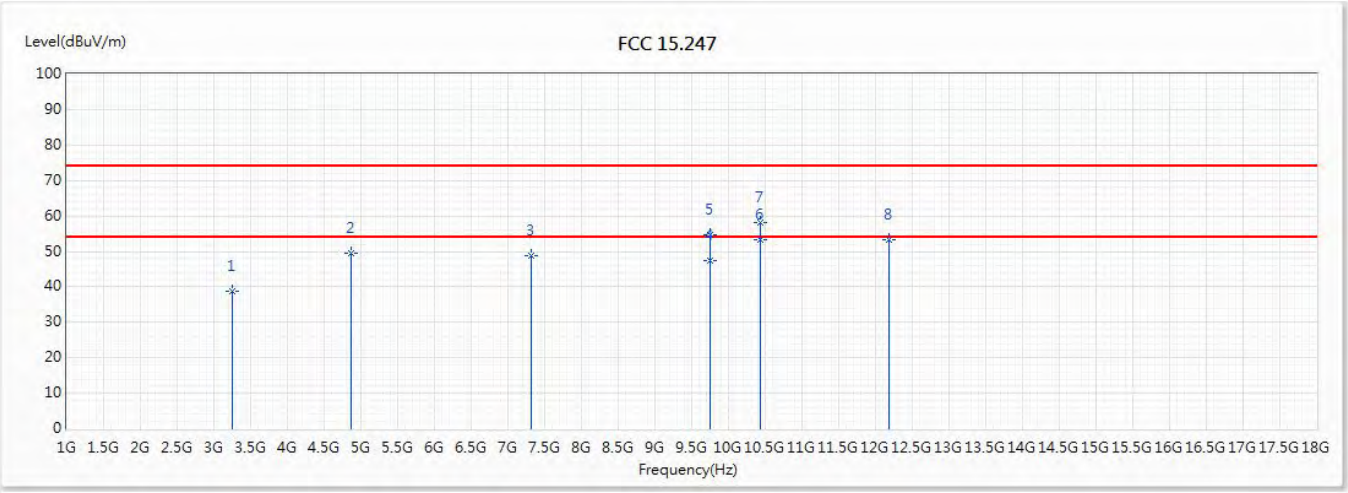


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	37.89	74.00	-36.11	44.56	-6.67	PK
2	4874	44.09	74.00	-29.91	44.56	-0.47	PK
3	7311	47.82	74.00	-26.18	40.40	7.42	PK
4	9748	50.81	74.00	-23.19	37.97	12.84	PK
5	10440	57.68	74.00	-16.32	42.99	14.69	PK
6	12185	53.67	74.00	-20.33	37.84	15.83	PK
* 7	10440	51.53	54.00	-2.47	36.84	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/5
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2437MHz		

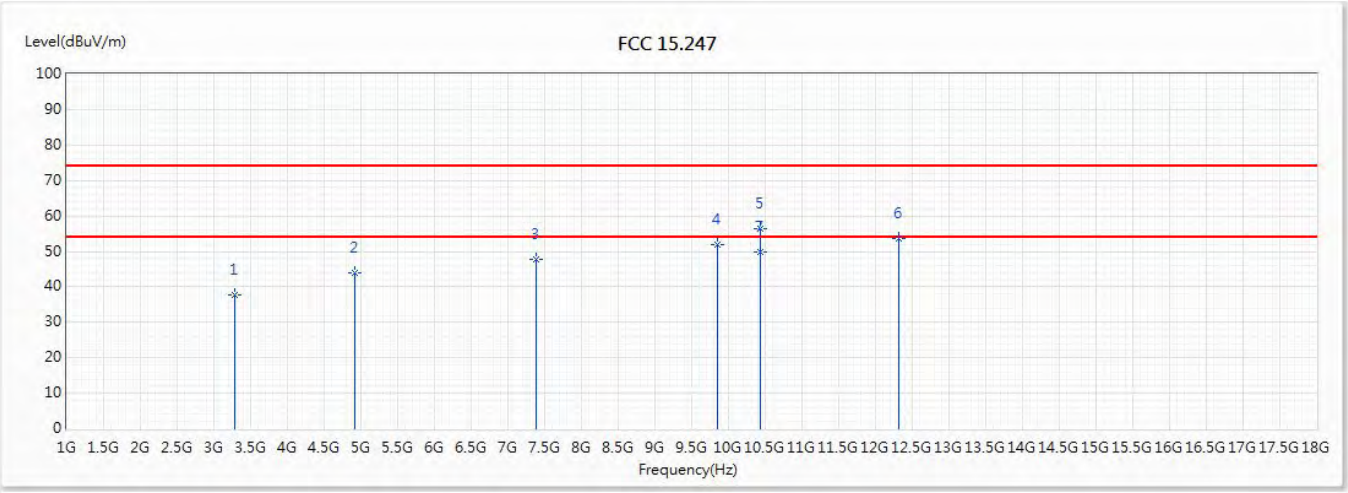


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	38.59	74.00	-35.41	45.26	-6.67	PK
2	4874	49.53	74.00	-24.47	50.00	-0.47	PK
3	7311	48.78	74.00	-25.22	41.36	7.42	PK
4	9748	47.37	54.00	-6.63	34.53	12.84	AV
5	9748	54.61	74.00	-19.39	41.77	12.84	PK
* 6	10440	53.15	54.00	-0.85	38.46	14.69	AV
7	10440	58.19	74.00	-15.81	43.50	14.69	PK
8	12185	53.22	74.00	-20.78	37.39	15.83	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2462MHz		

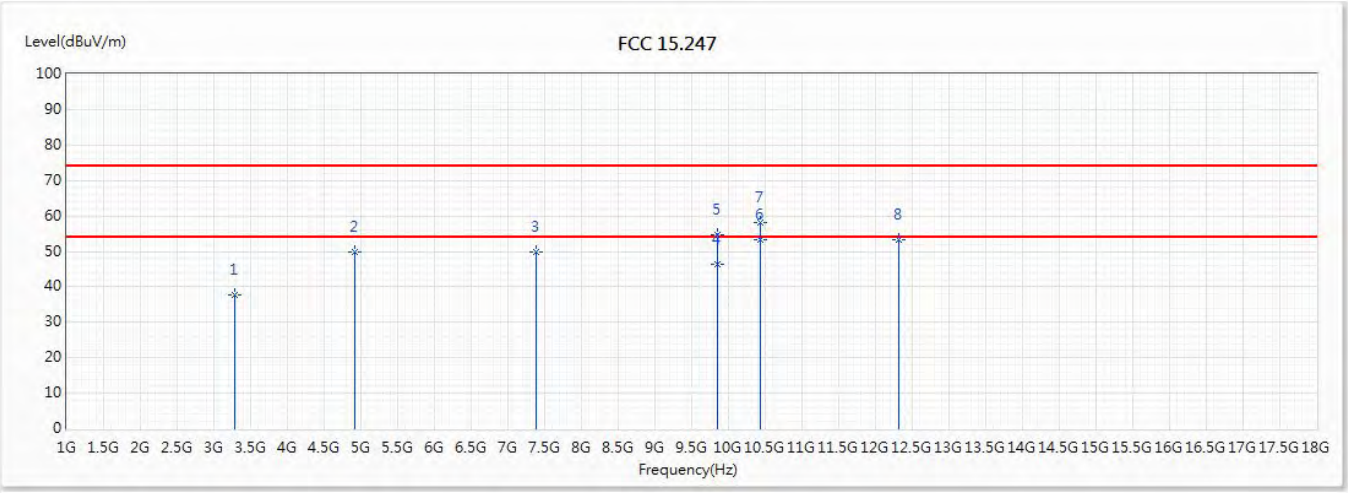


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	37.68	74.00	-36.32	44.30	-6.62	PK
2	4924	43.91	74.00	-30.09	44.19	-0.28	PK
3	7386	47.61	74.00	-26.39	39.93	7.68	PK
4	9848	51.88	74.00	-22.12	38.89	12.99	PK
5	10440	56.41	74.00	-17.59	41.72	14.69	PK
6	12310	53.52	74.00	-20.48	37.45	16.07	PK
* 7	10440	49.96	54.00	-4.04	35.27	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/5
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11b_2462MHz		

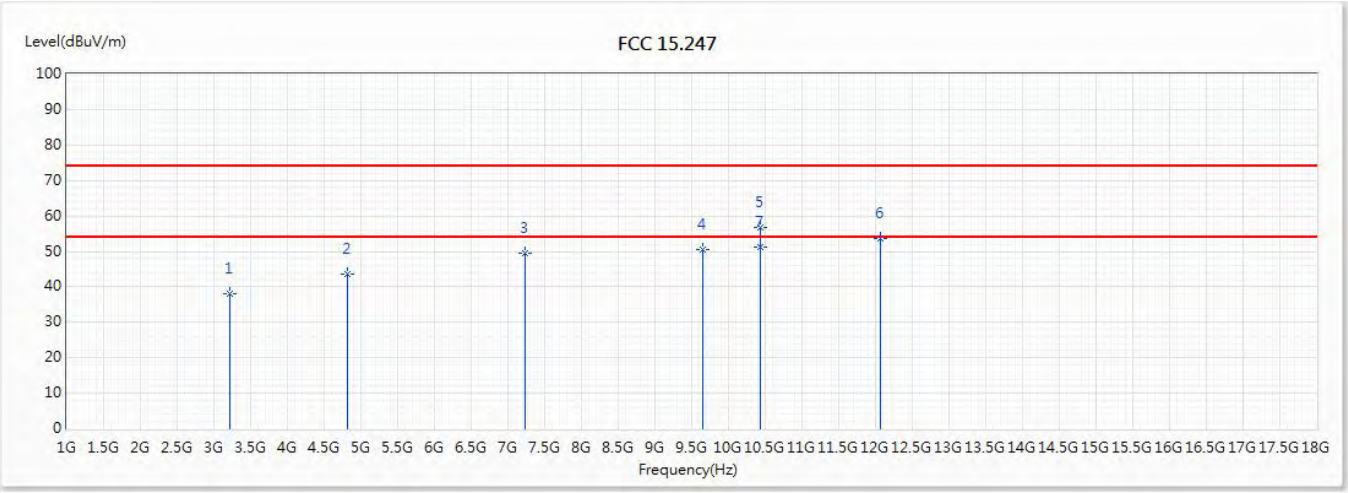


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	37.67	74.00	-36.33	44.29	-6.62	PK
2	4924	49.69	74.00	-24.31	49.97	-0.28	PK
3	7386	49.69	74.00	-24.31	42.01	7.68	PK
4	9848	46.41	54.00	-7.59	33.42	12.99	AV
5	9848	54.74	74.00	-19.26	41.75	12.99	PK
* 6	10440	53.13	54.00	-0.87	38.44	14.69	AV
7	10440	58.19	74.00	-15.81	43.50	14.69	PK
8	12310	53.37	74.00	-20.63	37.30	16.07	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2412MHz		

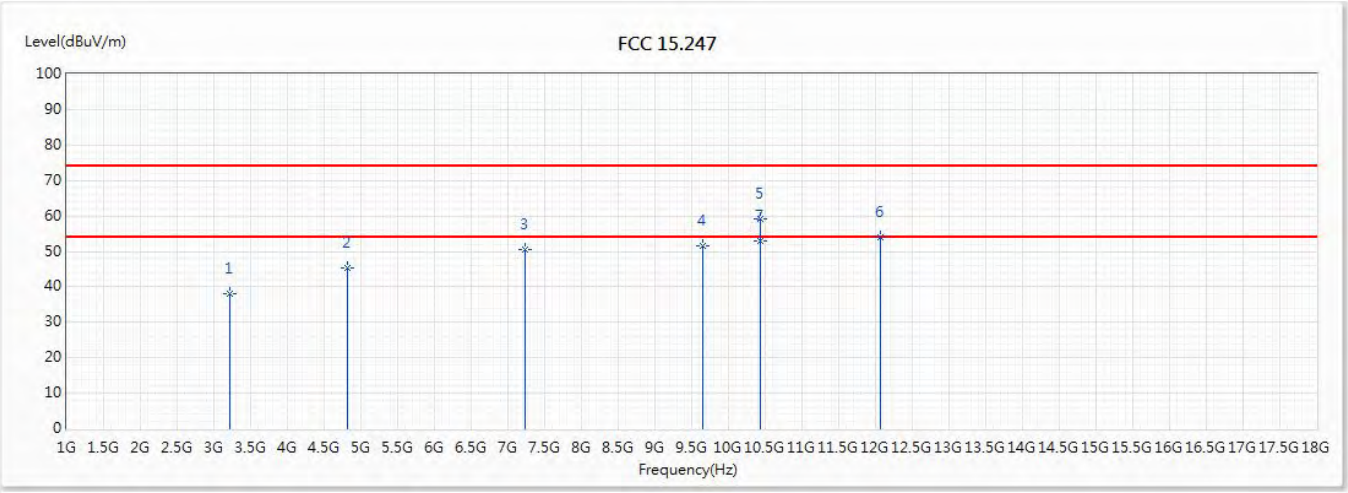


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.12	74.00	-35.88	44.85	-6.73	PK
2	4824	43.47	74.00	-30.53	44.13	-0.66	PK
3	7236	49.49	74.00	-24.51	42.39	7.10	PK
4	9648	50.55	74.00	-23.45	37.95	12.60	PK
5	10440	56.68	74.00	-17.32	41.99	14.69	PK
6	12060	53.65	74.00	-20.35	38.07	15.58	PK
* 7	10440	51.10	54.00	-2.90	36.41	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/14
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2412MHz		

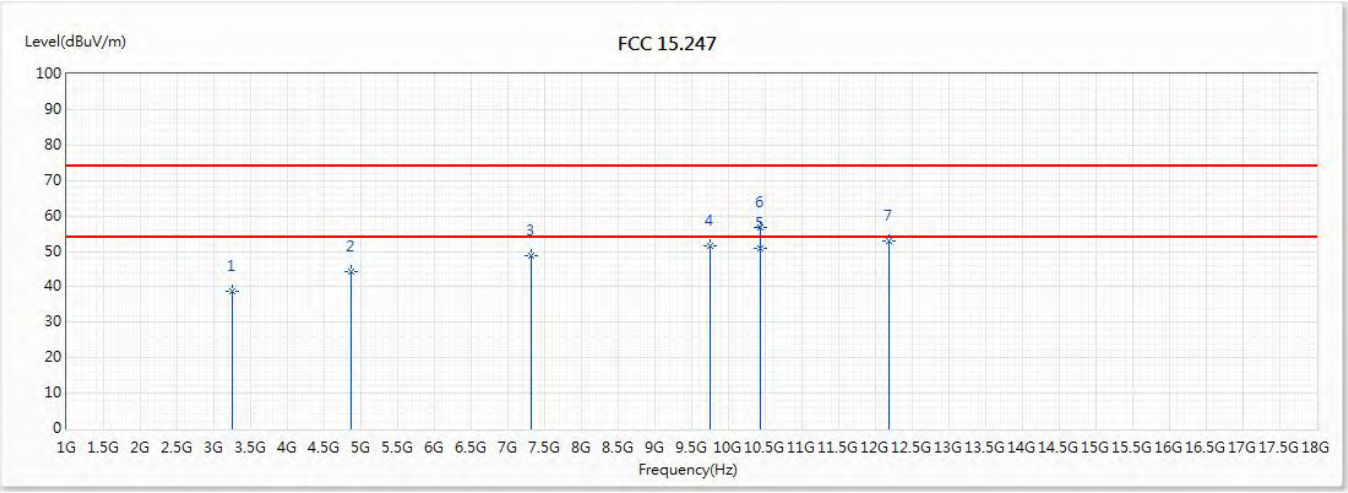


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	37.95	74.00	-36.05	44.68	-6.73	PK
2	4824	45.32	74.00	-28.68	45.98	-0.66	PK
3	7236	50.51	74.00	-23.49	43.41	7.10	PK
4	9648	51.67	74.00	-22.33	39.07	12.60	PK
5	10440	59.05	74.00	-14.95	44.36	14.69	PK
6	12060	53.87	74.00	-20.13	38.29	15.58	PK
* 7	10440	53.01	54.00	-0.99	38.32	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2437MHz		

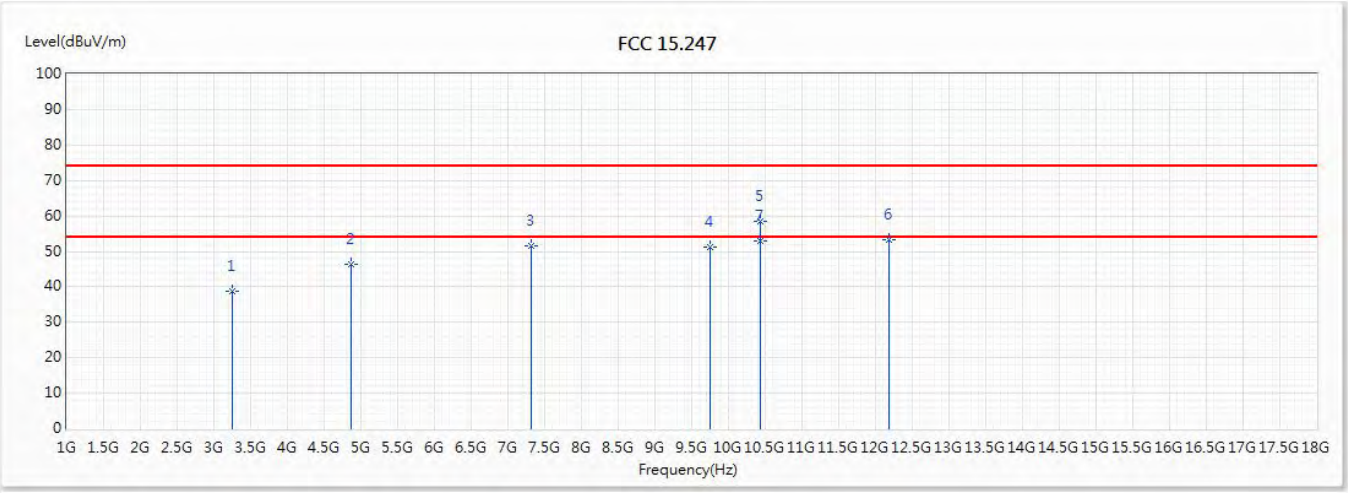


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3248	38.73	74.00	-35.27	45.40	-6.67	PK
2	4874	44.38	74.00	-29.62	44.85	-0.47	PK
3	7311	48.79	74.00	-25.21	41.37	7.42	PK
4	9748	51.50	74.00	-22.50	38.66	12.84	PK
* 5	10440	50.98	54.00	-3.02	36.29	14.69	AV
6	10440	56.74	74.00	-17.26	42.05	14.69	PK
7	12185	53.07	74.00	-20.93	37.24	15.83	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2437MHz		

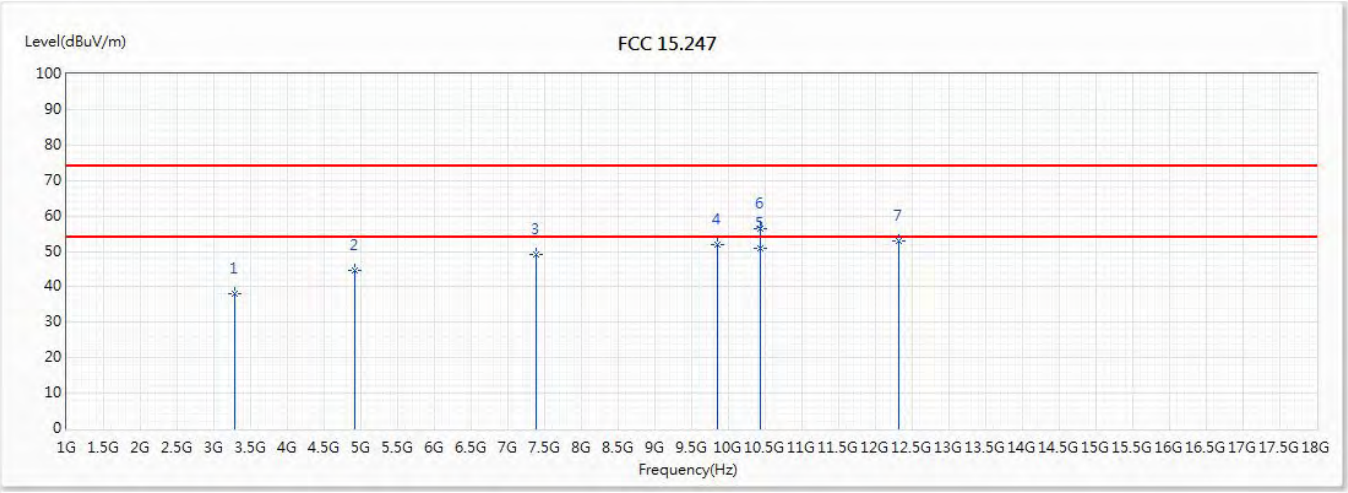


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	38.88	74.00	-35.12	45.55	-6.67	PK
2	4874	46.25	74.00	-27.75	46.72	-0.47	PK
3	7311	51.46	74.00	-22.54	44.04	7.42	PK
4	9748	51.35	74.00	-22.65	38.51	12.84	PK
5	10440	58.57	74.00	-15.43	43.88	14.69	PK
6	12185	53.12	74.00	-20.88	37.29	15.83	PK
* 7	10440	52.88	54.00	-1.12	38.19	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2462MHz		

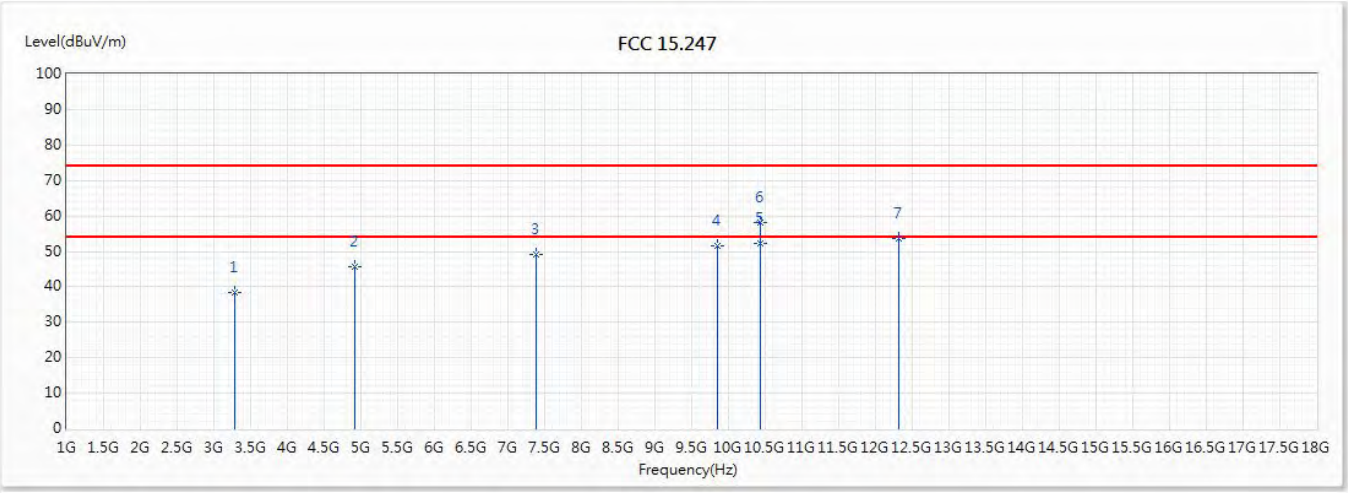


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	38.11	74.00	-35.89	44.73	-6.62	PK
2	4924	44.73	74.00	-29.27	45.01	-0.28	PK
3	7386	49.23	74.00	-24.77	41.55	7.68	PK
4	9848	51.74	74.00	-22.26	38.75	12.99	PK
* 5	10440	50.85	54.00	-3.15	36.16	14.69	AV
6	10440	56.48	74.00	-17.52	41.79	14.69	PK
7	12310	52.87	74.00	-21.13	36.80	16.07	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11g_2462MHz		

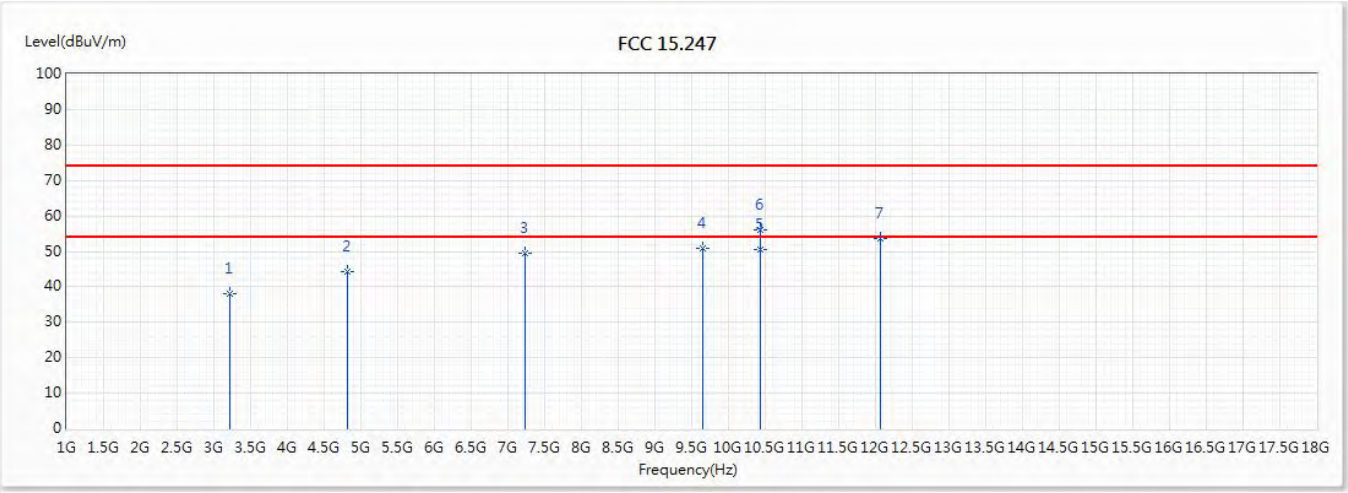


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	38.30	74.00	-35.70	44.92	-6.62	PK
2	4924	45.53	74.00	-28.47	45.81	-0.28	PK
3	7386	49.19	74.00	-24.81	41.51	7.68	PK
4	9848	51.66	74.00	-22.34	38.67	12.99	PK
* 5	10440	52.23	54.00	-1.77	37.54	14.69	AV
6	10440	58.16	74.00	-15.84	43.47	14.69	PK
7	12310	53.73	74.00	-20.27	37.66	16.07	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11 ac VHT20_2412MHz		

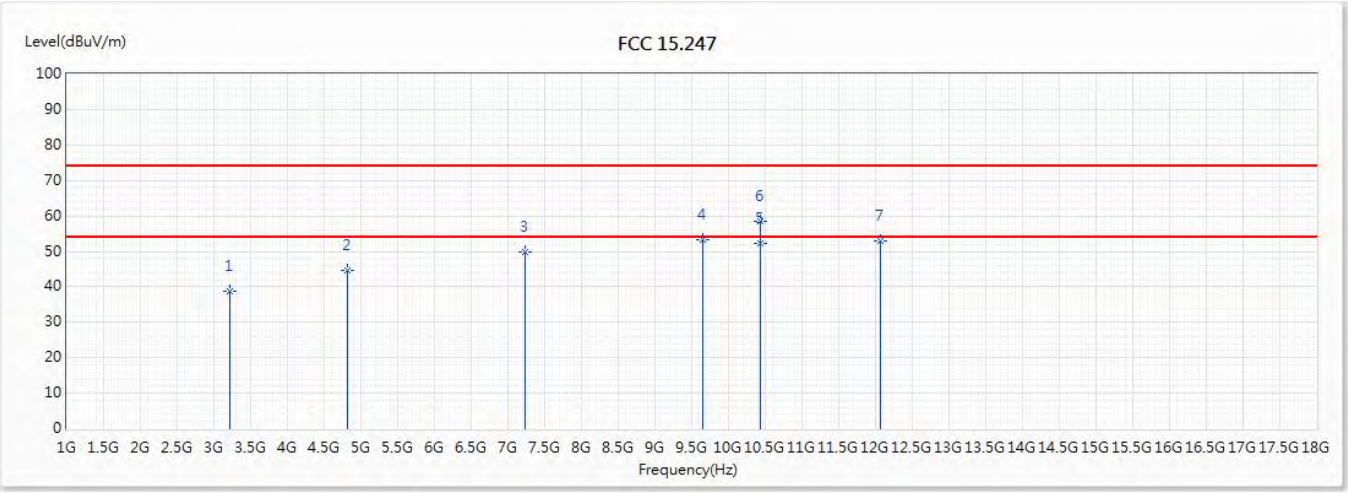


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.14	74.00	-35.86	44.87	-6.73	PK
2	4824	44.42	74.00	-29.58	45.08	-0.66	PK
3	7236	49.35	74.00	-24.65	42.25	7.10	PK
4	9648	50.99	74.00	-23.01	38.39	12.60	PK
* 5	10440	50.47	54.00	-3.53	35.78	14.69	AV
6	10440	56.10	74.00	-17.90	41.41	14.69	PK
7	12060	53.74	74.00	-20.26	38.16	15.58	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT20_2412MHz		

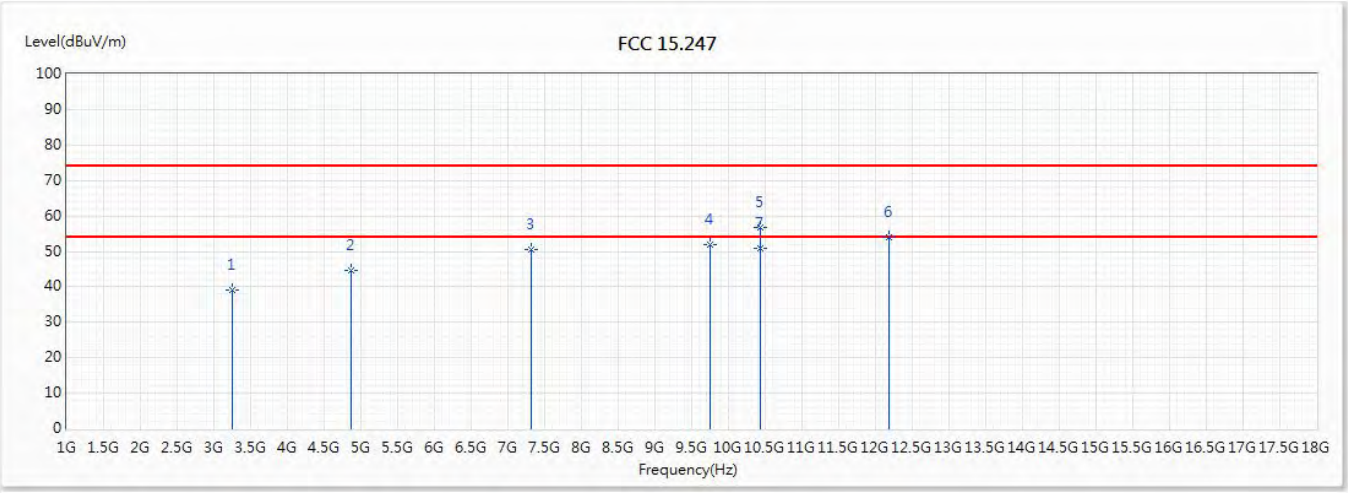


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.82	74.00	-35.18	45.55	-6.73	PK
2	4824	44.57	74.00	-29.43	45.23	-0.66	PK
3	7236	49.86	74.00	-24.14	42.76	7.10	PK
4	9648	53.13	74.00	-20.87	40.53	12.60	PK
* 5	10440	52.37	54.00	-1.63	37.68	14.69	AV
6	10440	58.49	74.00	-15.51	43.80	14.69	PK
7	12060	52.79	74.00	-21.21	37.21	15.58	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT20_2437MHz		

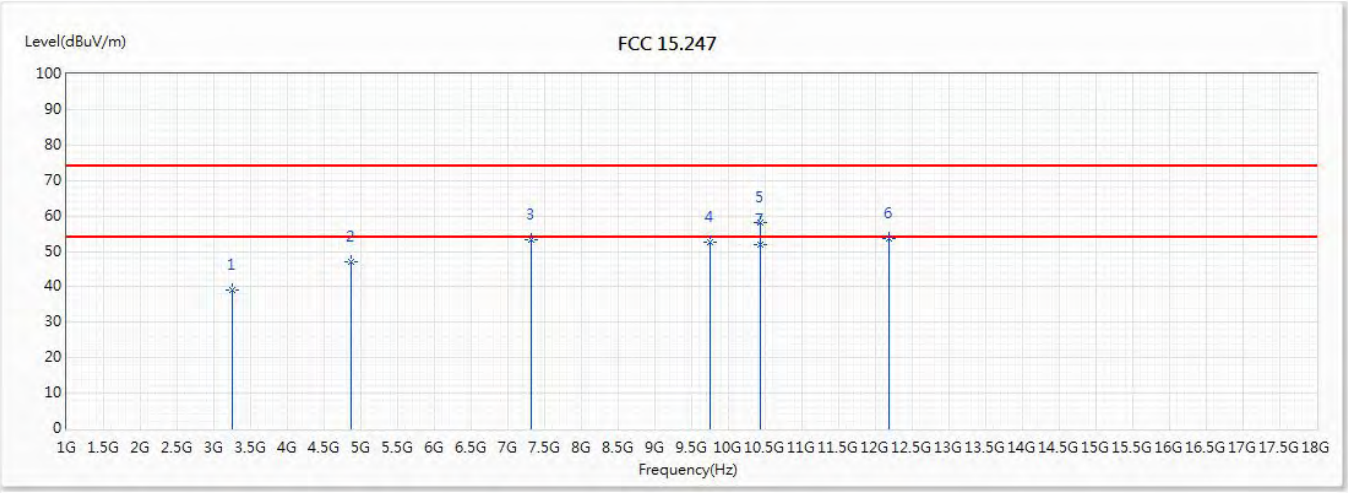


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	39.21	74.00	-34.79	45.88	-6.67	PK
2	4874	44.79	74.00	-29.21	45.26	-0.47	PK
3	7311	50.38	74.00	-23.62	42.96	7.42	PK
4	9748	51.96	74.00	-22.04	39.12	12.84	PK
5	10440	56.91	74.00	-17.09	42.22	14.69	PK
6	12185	53.85	74.00	-20.15	38.02	15.83	PK
* 7	10440	50.97	54.00	-3.03	36.28	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT20_2437MHz		

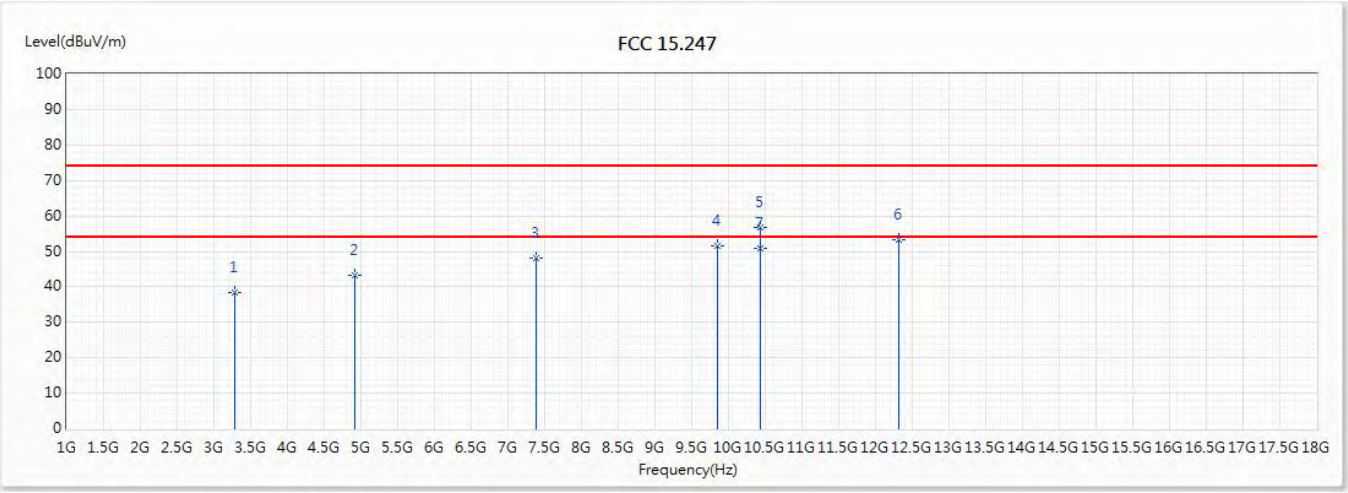


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	39.04	74.00	-34.96	45.71	-6.67	PK
2	4874	47.18	74.00	-26.82	47.65	-0.47	PK
3	7311	53.13	74.00	-20.87	45.71	7.42	PK
4	9748	52.48	74.00	-21.52	39.64	12.84	PK
5	10440	58.04	74.00	-15.96	43.35	14.69	PK
6	12185	53.77	74.00	-20.23	37.94	15.83	PK
* 7	10440	52.07	54.00	-1.93	37.38	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT20_2462MHz		

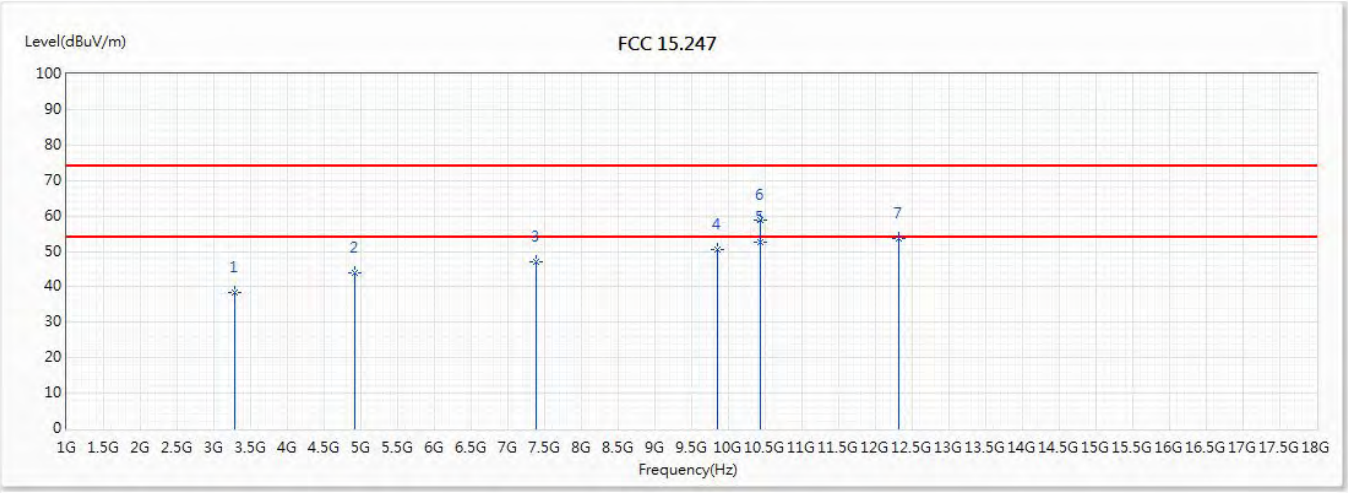


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	38.24	74.00	-35.76	44.86	-6.62	PK
2	4924	43.41	74.00	-30.59	43.69	-0.28	PK
3	7386	48.14	74.00	-25.86	40.46	7.68	PK
4	9848	51.71	74.00	-22.29	38.72	12.99	PK
5	10440	56.78	74.00	-17.22	42.09	14.69	PK
6	12310	53.26	74.00	-20.74	37.19	16.07	PK
* 7	10440	50.81	54.00	-3.19	36.12	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT20_2462MHz		

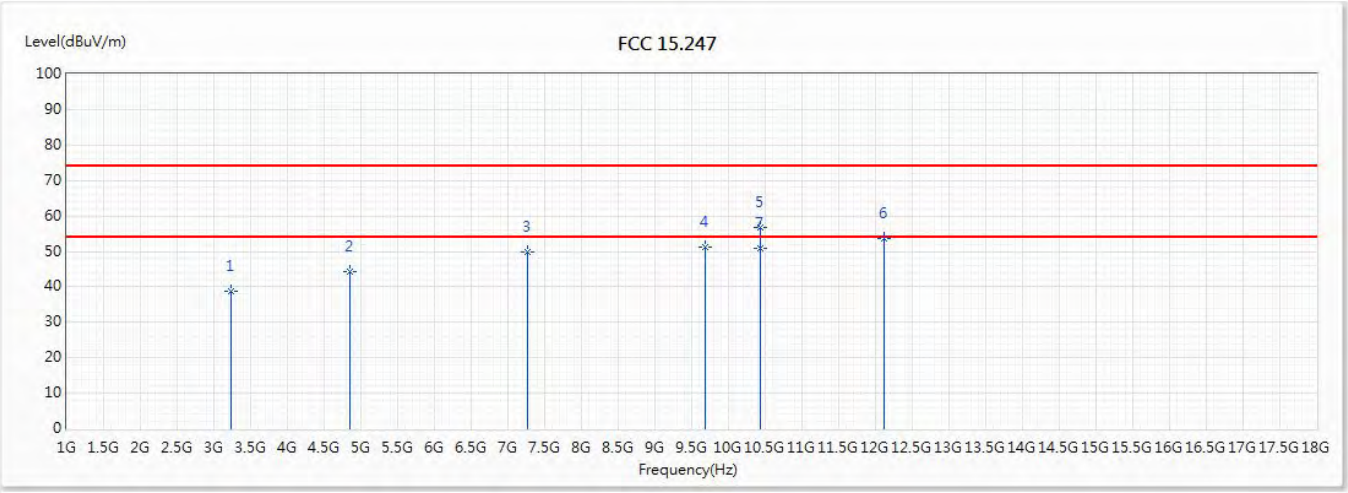


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	38.43	74.00	-35.57	45.05	-6.62	PK
2	4924	43.86	74.00	-30.14	44.14	-0.28	PK
3	7386	46.92	74.00	-27.08	39.24	7.68	PK
4	9848	50.47	74.00	-23.53	37.48	12.99	PK
* 5	10440	52.74	54.00	-1.26	38.05	14.69	AV
6	10440	58.92	74.00	-15.08	44.23	14.69	PK
7	12310	53.71	74.00	-20.29	37.64	16.07	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2422MHz		

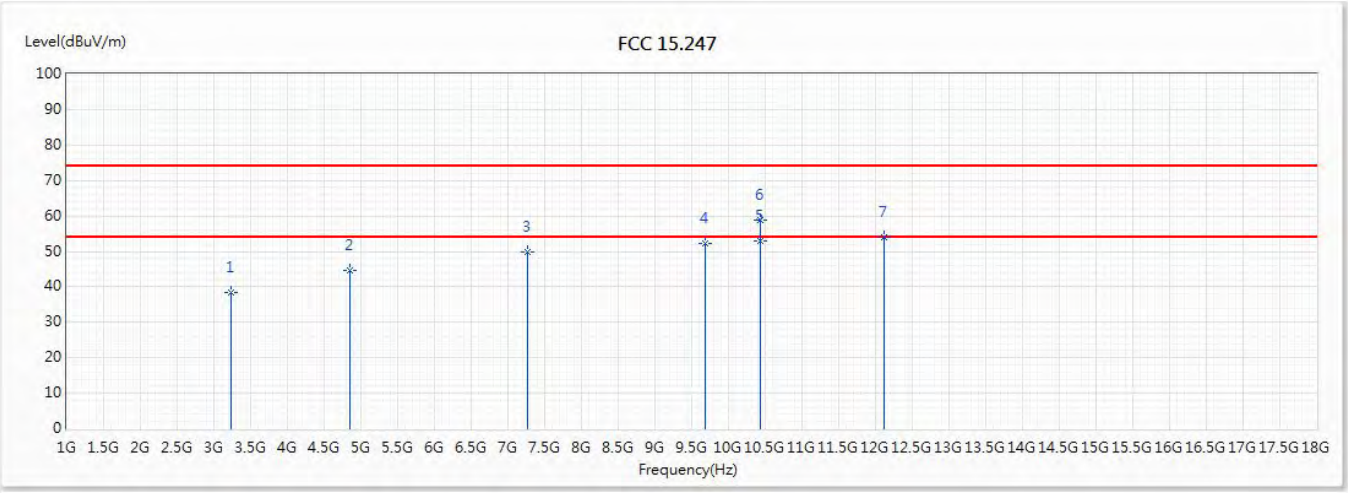


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3229	38.62	74.00	-35.38	45.33	-6.71	PK
2	4844	44.34	74.00	-29.66	44.93	-0.59	PK
3	7266	49.87	74.00	-24.13	42.63	7.24	PK
4	9688	51.29	74.00	-22.71	38.61	12.68	PK
5	10440	56.88	74.00	-17.12	42.19	14.69	PK
6	12110	53.75	74.00	-20.25	38.06	15.69	PK
* 7	10440	50.71	54.00	-3.29	36.02	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2422MHz		

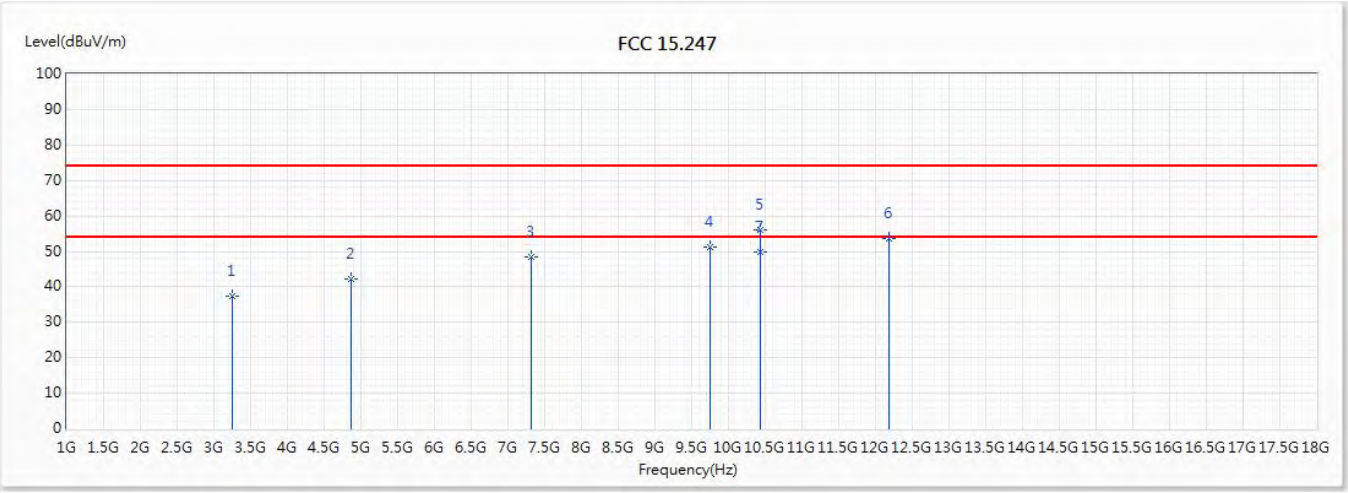


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3229	38.33	74.00	-35.67	45.04	-6.71	PK
2	4844	44.76	74.00	-29.24	45.35	-0.59	PK
3	7266	49.69	74.00	-24.31	42.45	7.24	PK
4	9688	52.39	74.00	-21.61	39.71	12.68	PK
* 5	10440	52.84	54.00	-1.16	38.15	14.69	AV
6	10440	58.97	74.00	-15.03	44.28	14.69	PK
7	12110	53.81	74.00	-20.19	38.12	15.69	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2437MHz		

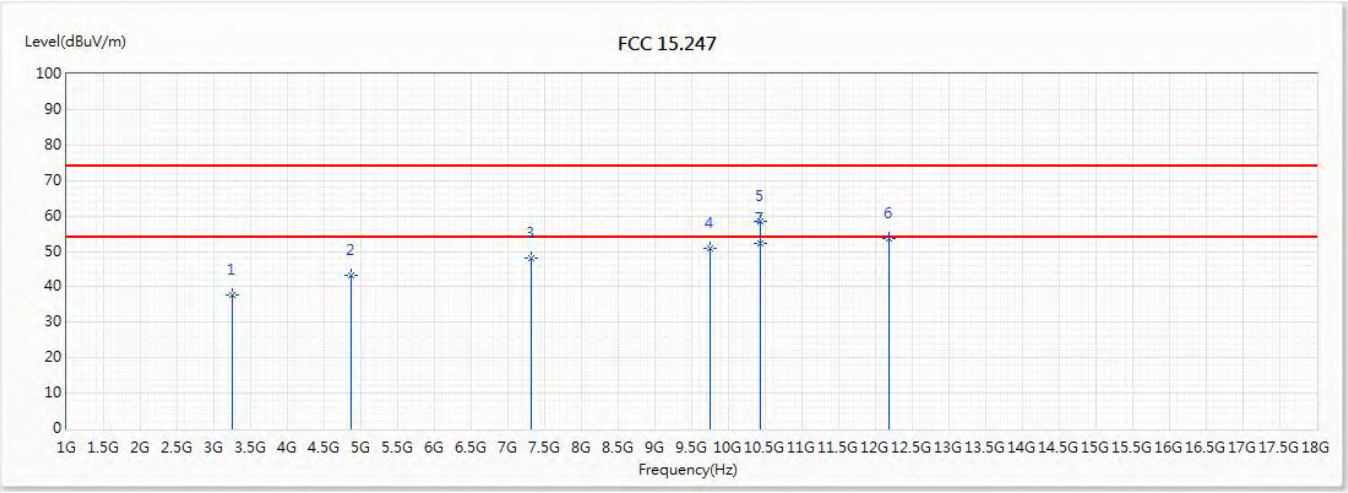


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	37.35	74.00	-36.65	44.02	-6.67	PK
2	4874	42.15	74.00	-31.85	42.62	-0.47	PK
3	7311	48.41	74.00	-25.59	40.99	7.42	PK
4	9748	51.14	74.00	-22.86	38.30	12.84	PK
5	10440	56.04	74.00	-17.96	41.35	14.69	PK
6	12185	53.71	74.00	-20.29	37.88	15.83	PK
* 7	10440	49.83	54.00	-4.17	35.14	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/15
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2437MHz		

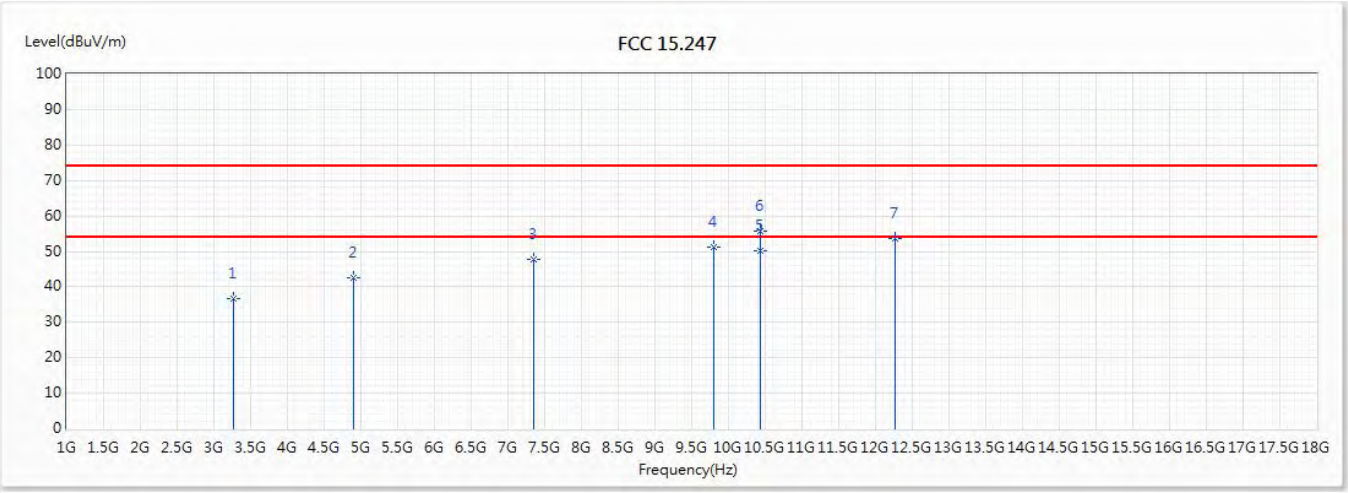


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	37.88	74.00	-36.12	44.55	-6.67	PK
2	4874	43.13	74.00	-30.87	43.60	-0.47	PK
3	7311	48.26	74.00	-25.74	40.84	7.42	PK
4	9748	50.99	74.00	-23.01	38.15	12.84	PK
5	10440	58.45	74.00	-15.55	43.76	14.69	PK
6	12185	53.62	74.00	-20.38	37.79	15.83	PK
* 7	10440	52.13	54.00	-1.87	37.44	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2452MHz		

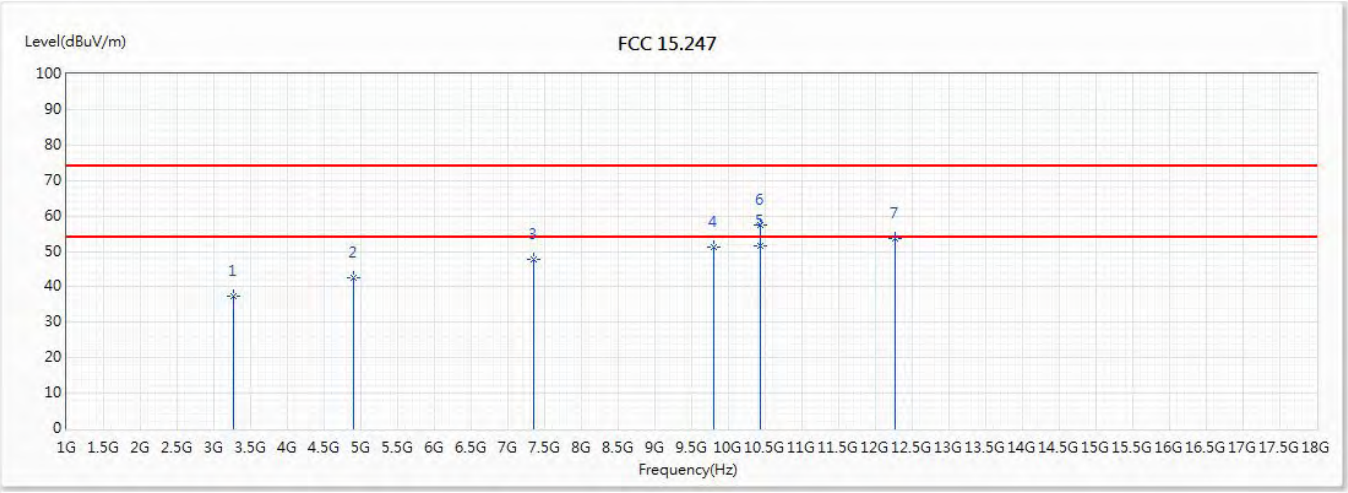


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3269	36.83	74.00	-37.17	43.46	-6.63	PK
2	4904	42.62	74.00	-31.38	42.97	-0.35	PK
3	7356	47.85	74.00	-26.15	40.27	7.58	PK
4	9808	51.10	74.00	-22.90	38.17	12.93	PK
* 5	10440	50.07	54.00	-3.93	35.38	14.69	AV
6	10440	55.64	74.00	-18.36	40.95	14.69	PK
7	12260	53.70	74.00	-20.30	37.72	15.98	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ac VHT40_2452MHz		

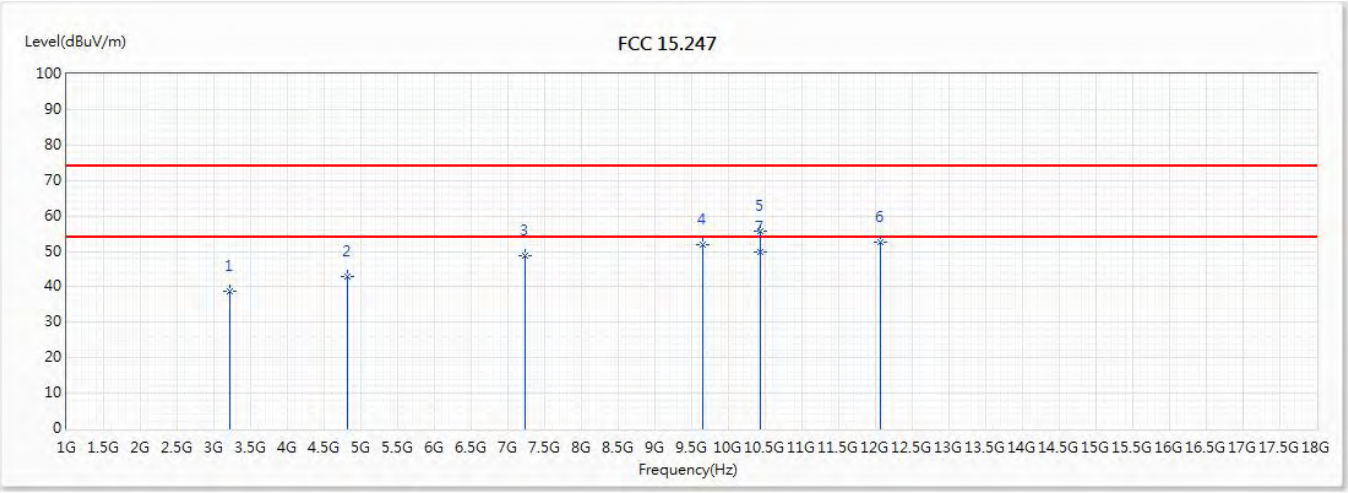


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3269	37.28	74.00	-36.72	43.91	-6.63	PK
2	4904	42.54	74.00	-31.46	42.89	-0.35	PK
3	7356	47.76	74.00	-26.24	40.18	7.58	PK
4	9808	51.11	74.00	-22.89	38.18	12.93	PK
* 5	10440	51.42	54.00	-2.58	36.73	14.69	AV
6	10440	57.36	74.00	-16.64	42.67	14.69	PK
7	12260	53.49	74.00	-20.51	37.51	15.98	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2412MHz		

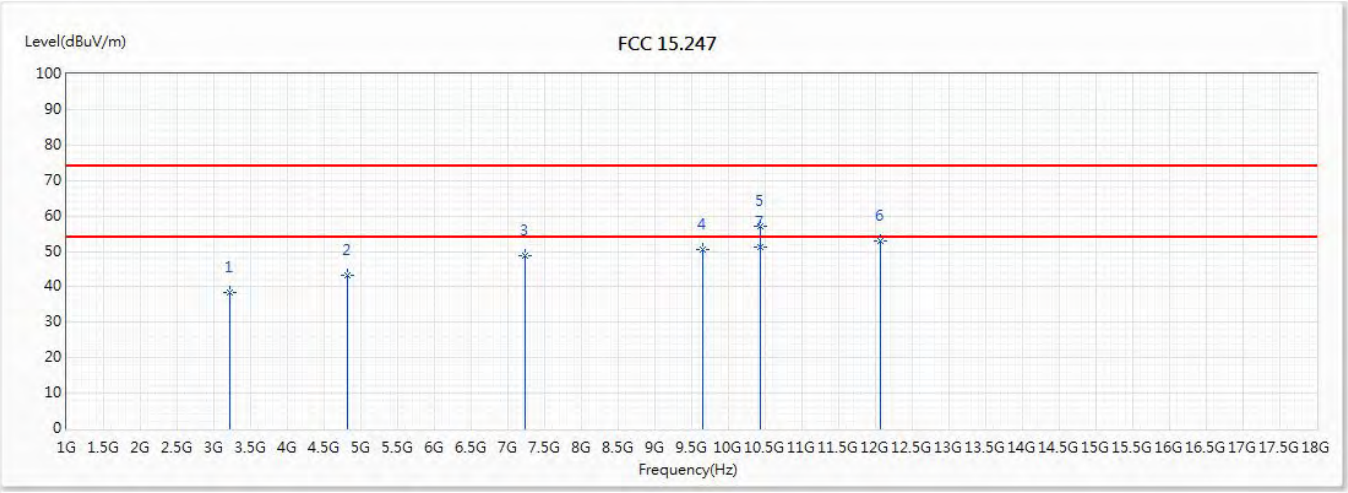


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.72	74.00	-35.28	45.45	-6.73	PK
2	4824	42.78	74.00	-31.22	43.44	-0.66	PK
3	7236	48.88	74.00	-25.12	41.78	7.10	PK
4	9648	51.81	74.00	-22.19	39.21	12.60	PK
5	10440	55.61	74.00	-18.39	40.92	14.69	PK
6	12060	52.44	74.00	-21.56	36.86	15.58	PK
* 7	10440	49.91	54.00	-4.09	35.22	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2412MHz		

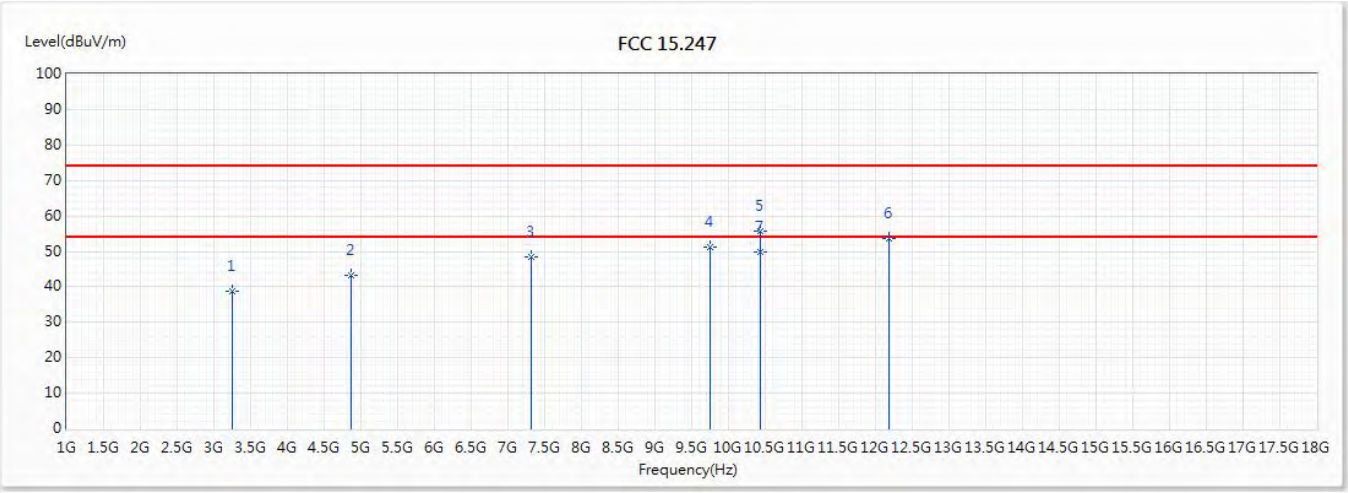


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3216	38.32	74.00	-35.68	45.05	-6.73	PK
2	4824	43.33	74.00	-30.67	43.99	-0.66	PK
3	7236	48.84	74.00	-25.16	41.74	7.10	PK
4	9648	50.40	74.00	-23.60	37.80	12.60	PK
5	10440	57.17	74.00	-16.83	42.48	14.69	PK
6	12060	52.84	74.00	-21.16	37.26	15.58	PK
* 7	10440	51.26	54.00	-2.74	36.57	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2437MHz		

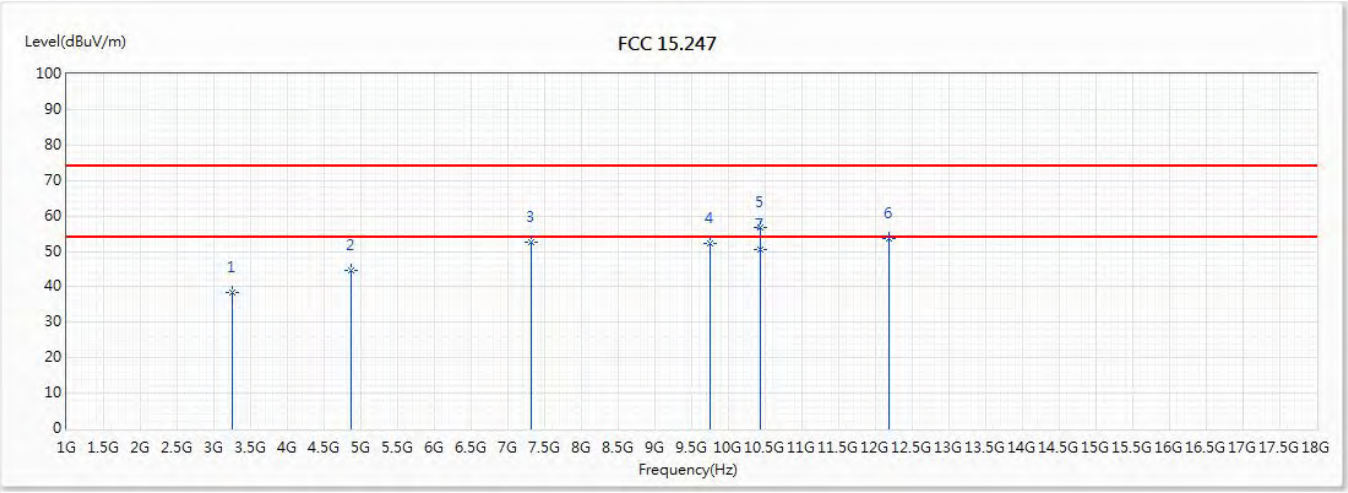


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3245	38.65	74.00	-35.35	45.33	-6.68	PK
2	4874	43.18	74.00	-30.82	43.65	-0.47	PK
3	7311	48.49	74.00	-25.51	41.07	7.42	PK
4	9748	51.24	74.00	-22.76	38.40	12.84	PK
5	10440	55.67	74.00	-18.33	40.98	14.69	PK
6	12185	53.47	74.00	-20.53	37.64	15.83	PK
* 7	10440	49.86	54.00	-4.14	35.17	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2437MHz		

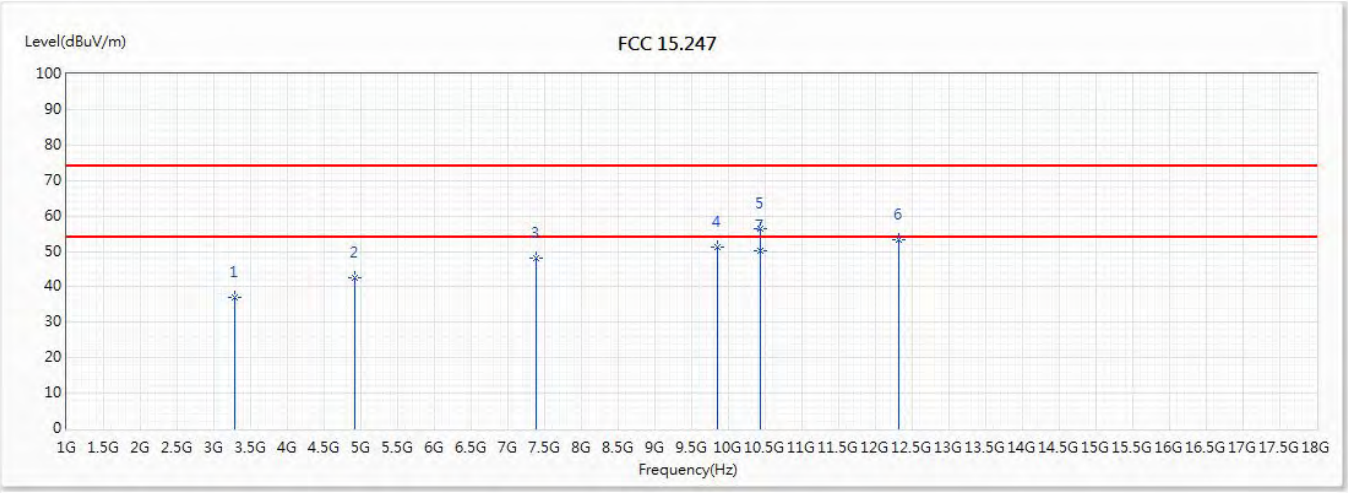


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	38.31	74.00	-35.69	44.98	-6.67	PK
2	4874	44.75	74.00	-29.25	45.22	-0.47	PK
3	7311	52.62	74.00	-21.38	45.20	7.42	PK
4	9748	52.34	74.00	-21.66	39.50	12.84	PK
5	10440	56.76	74.00	-17.24	42.07	14.69	PK
6	12185	53.72	74.00	-20.28	37.89	15.83	PK
* 7	10440	50.55	54.00	-3.45	35.86	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2462MHz		

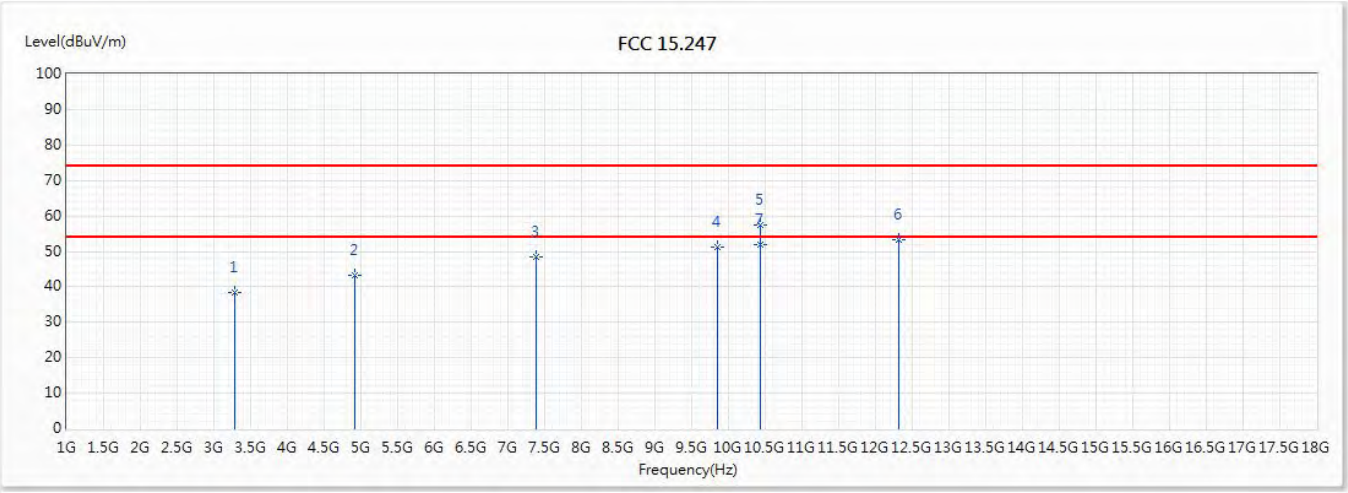


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	37.03	74.00	-36.97	43.65	-6.62	PK
2	4924	42.64	74.00	-31.36	42.92	-0.28	PK
3	7386	47.96	74.00	-26.04	40.28	7.68	PK
4	9848	51.21	74.00	-22.79	38.22	12.99	PK
5	10440	56.43	74.00	-17.57	41.74	14.69	PK
6	12310	53.24	74.00	-20.76	37.17	16.07	PK
* 7	10440	50.27	54.00	-3.73	35.58	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE20_2462MHz		

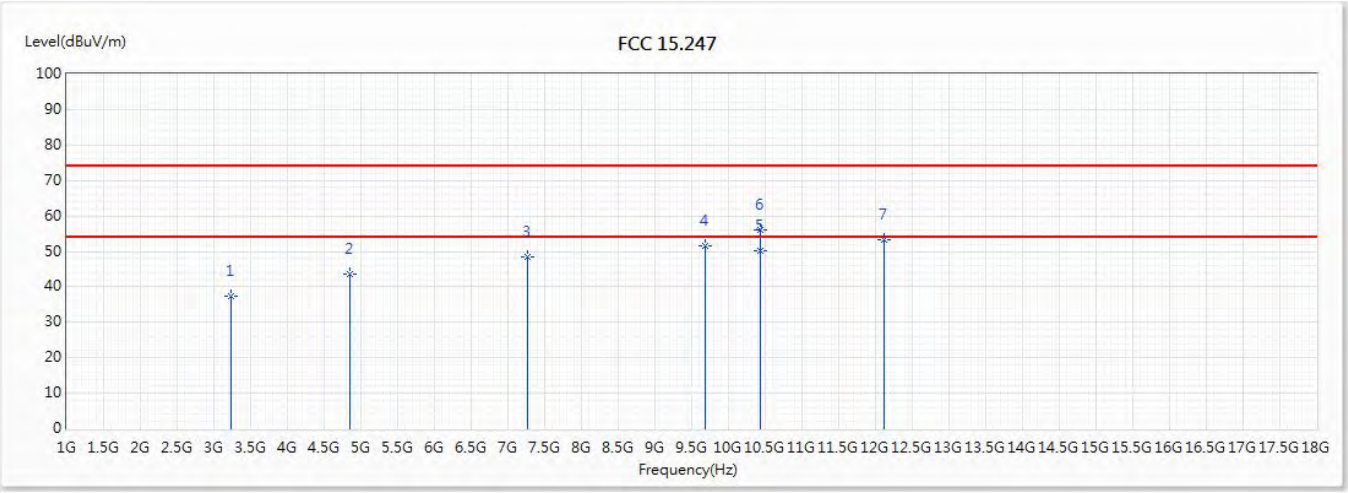


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3282	38.35	74.00	-35.65	44.97	-6.62	PK
2	4924	43.16	74.00	-30.84	43.44	-0.28	PK
3	7386	48.45	74.00	-25.55	40.77	7.68	PK
4	9848	51.16	74.00	-22.84	38.17	12.99	PK
5	10440	57.42	74.00	-16.58	42.73	14.69	PK
6	12310	53.44	74.00	-20.56	37.37	16.07	PK
* 7	10440	51.76	54.00	-2.24	37.07	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2422MHz		

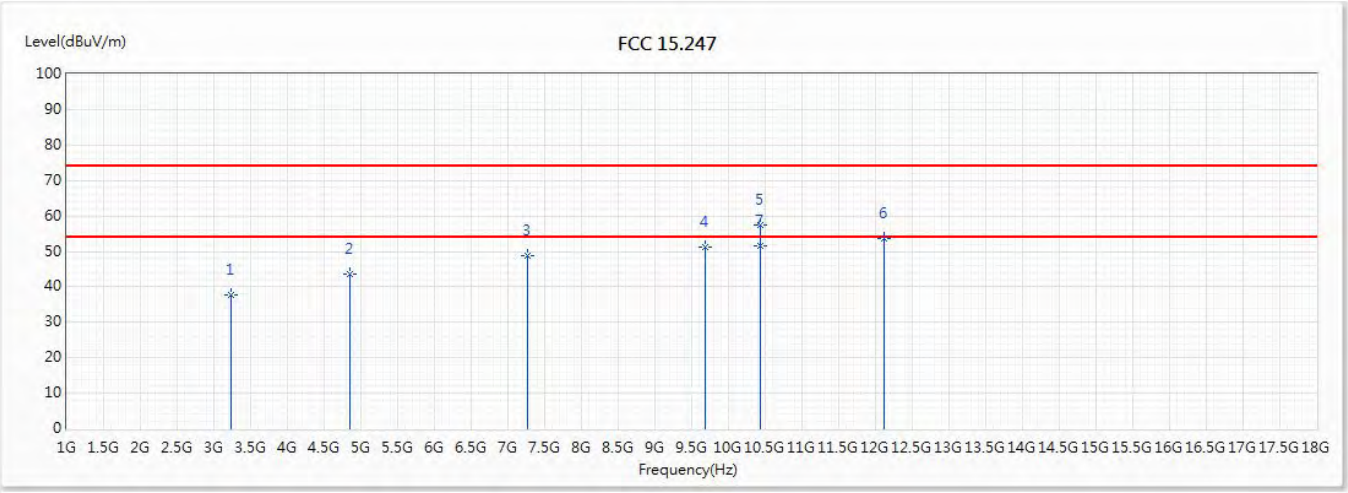


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3229	37.49	74.00	-36.51	44.20	-6.71	PK
2	4844	43.75	74.00	-30.25	44.34	-0.59	PK
3	7266	48.58	74.00	-25.42	41.34	7.24	PK
4	9688	51.44	74.00	-22.56	38.76	12.68	PK
* 5	10440	50.01	54.00	-3.99	35.32	14.69	AV
6	10440	56.11	74.00	-17.89	41.42	14.69	PK
7	12110	53.42	74.00	-20.58	37.73	15.69	PK

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2422MHz		

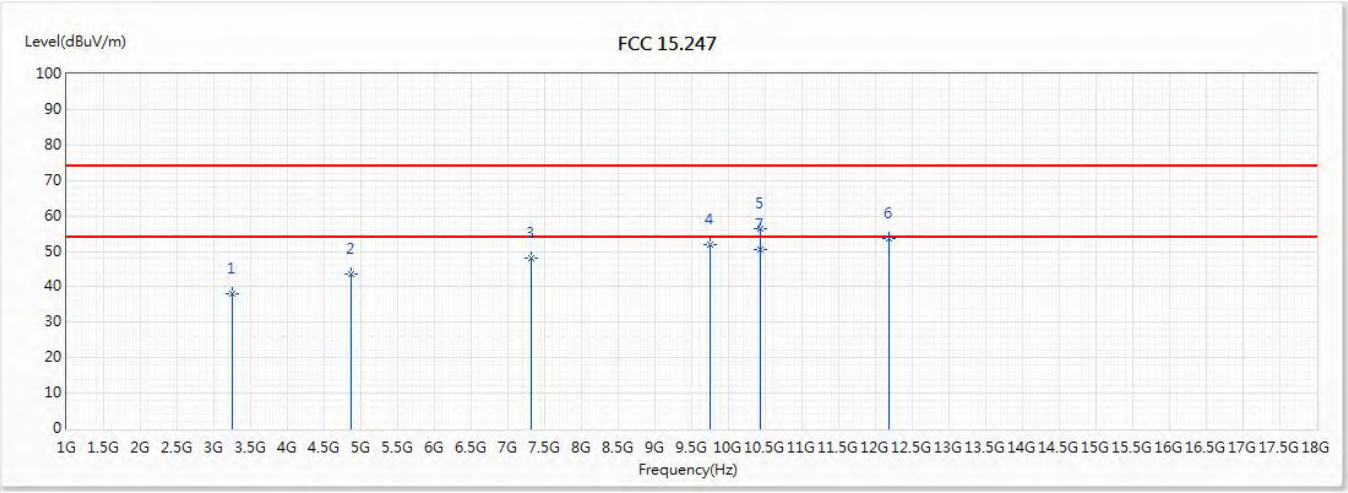


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3229	37.64	74.00	-36.36	44.35	-6.71	PK
2	4844	43.49	74.00	-30.51	44.08	-0.59	PK
3	7266	48.86	74.00	-25.14	41.62	7.24	PK
4	9688	51.14	74.00	-22.86	38.46	12.68	PK
5	10440	57.56	74.00	-16.44	42.87	14.69	PK
6	12110	53.65	74.00	-20.35	37.96	15.69	PK
* 7	10440	51.55	54.00	-2.45	36.86	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2437MHz		

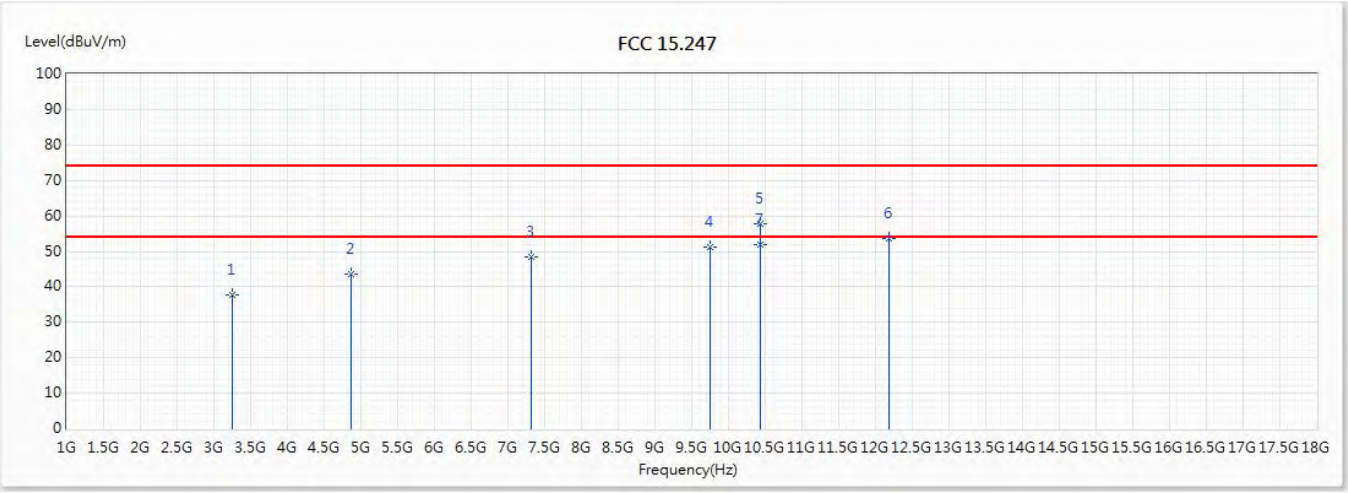


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	38.11	74.00	-35.89	44.78	-6.67	PK
2	4874	43.54	74.00	-30.46	44.01	-0.47	PK
3	7311	48.04	74.00	-25.96	40.62	7.42	PK
4	9748	52.04	74.00	-21.96	39.20	12.84	PK
5	10440	56.57	74.00	-17.43	41.88	14.69	PK
6	12185	53.52	74.00	-20.48	37.69	15.83	PK
* 7	10440	50.66	54.00	-3.34	35.97	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2437MHz		

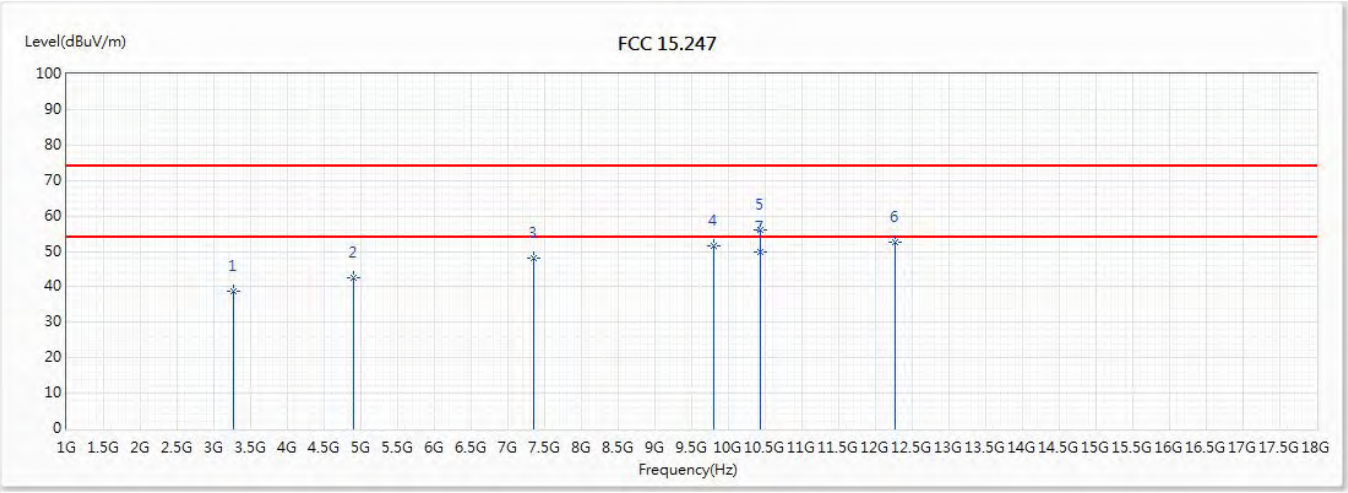


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3249	37.82	74.00	-36.18	44.49	-6.67	PK
2	4874	43.59	74.00	-30.41	44.06	-0.47	PK
3	7311	48.45	74.00	-25.55	41.03	7.42	PK
4	9748	51.13	74.00	-22.87	38.29	12.84	PK
5	10440	57.74	74.00	-16.26	43.05	14.69	PK
6	12185	53.63	74.00	-20.37	37.80	15.83	PK
* 7	10440	51.78	54.00	-2.22	37.09	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2452MHz		

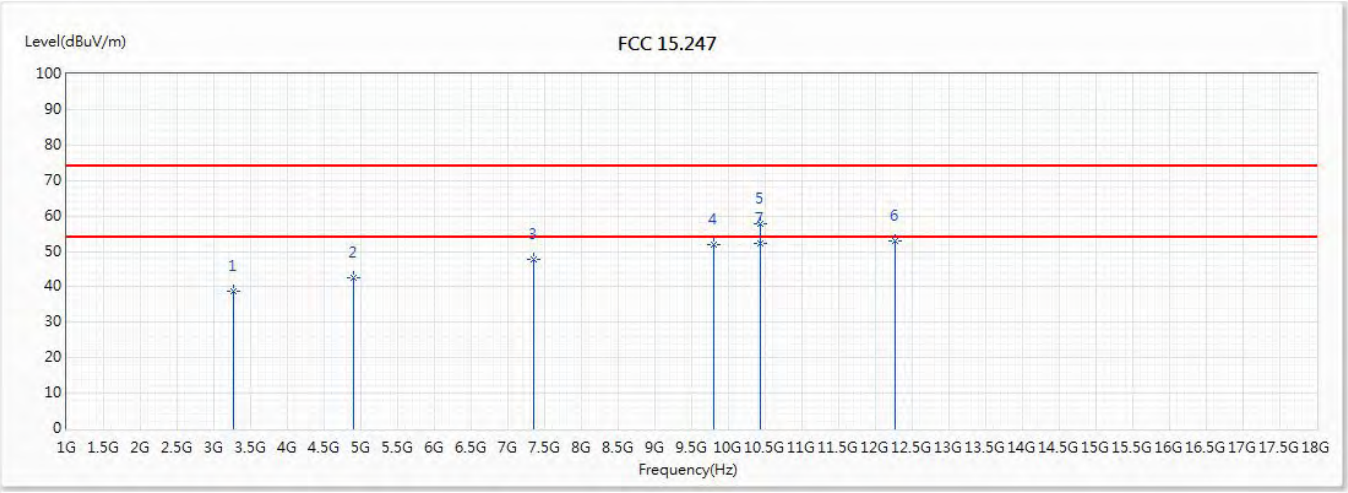


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3269	38.73	74.00	-35.27	45.36	-6.63	PK
2	4904	42.51	74.00	-31.49	42.86	-0.35	PK
3	7356	48.04	74.00	-25.96	40.46	7.58	PK
4	9808	51.69	74.00	-22.31	38.76	12.93	PK
5	10440	56.07	74.00	-17.93	41.38	14.69	PK
6	12260	52.57	74.00	-21.43	36.59	15.98	PK
* 7	10440	49.85	54.00	-4.15	35.16	14.69	AV

Note:

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

Site :	CB2-H	Engineer :	Elwin
Model No :	GT-AX6000	Test Date :	2018/8/16
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit_CDD_ADP-65DW Y		
Note :	802.11ax HE40_2452MHz		



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3269	38.66	74.00	-35.34	45.29	-6.63	PK
2	4904	42.52	74.00	-31.48	42.87	-0.35	PK
3	7356	47.63	74.00	-26.37	40.05	7.58	PK
4	9808	51.81	74.00	-22.19	38.88	12.93	PK
5	10440	57.95	74.00	-16.05	43.26	14.69	PK
6	12260	52.94	74.00	-21.06	36.96	15.98	PK
* 7	10440	52.24	54.00	-1.76	37.55	14.69	AV

Note:

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