

FCC Test Report

Product Name : HomeStation
Trade Name : 
Model No. : EA2R040JPA10-00
FCC ID : 2AX8SEA2R040JPA1000

Applicant : Electrify America, LLC

Address : 2003 Edmund Halley Drive Reston, Virginia 20191, USA

Date of Receipt : Nov. 18, 2020
Issued Date : Dec. 14, 2020
Report No. : 20B0626R-E3032160654-B
Report Version : V1.0



The test results relate only to the samples tested.

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Test Report Certification

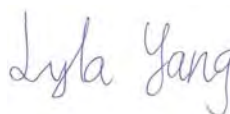
Issued Date : Dec. 14, 2020

Report No.: 20B0626R-E3032160654-B



Product Name : HomeStation
Applicant : Electrify America, LLC
Address : 2003 Edmund Halley Drive Reston, Virginia 20191, USA
Manufacturer : Electrify America, LLC
Address : 2003 Edmund Halley Drive Reston, Virginia 20191, USA
Trade Name : 
Model No. : EA2R040JPA10-00
FCC ID : 2AX8SEA2R040JPA1000
EUT Voltage : 208-240V~, 40A, 60Hz, 1Φ
Testing Voltage : AC 240V
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2019
ANSI C63.10: 2013
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 :



(Lyla Yang / Engineering Adm. Specialist)

Tested By :



(Lion Wang / Senior Engineer)

Approved By :



(Louis Hsu / Deputy Manager)

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Dec. 14, 2020

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1. General Information

1.1. EUT Description

Product Name	HomeStation	
Trade Name		
Model No.	EA2R040JPA10-00	
Frequency Range/ Channel Number	IEEE 802.11b/g/n(20MHz)	2412~2462MHz / 11 Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 12, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n

Antenna Information				
No.	Brand	Model No.	Ant. Type	Ant. Gain
0	ARISTOTLE	PFA-25-AP956-70B-190	PIFA Antenna	2.42dBi

Component	
Power In Cable	Non-Shielded, 0.3m
Whole Vehicle Cable	Non-Shielded, 8.5m

ANT-TX / RX & Bandwidth

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

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

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

Note:

1. This device including 2.4GHz b/g/n transmitting and receiving function.
2. This device and the original report (report number 20B0618R-E3032110113, Applicant: Delta Electronics, Inc.) have the hardware aspect, enclosure material and design are exactly the same. Only changes the Applicant, Manufacturer information, Trade Name and Model No. by the original applicant to quote the test data of the report number 20B0618R-E3032110113.
3. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
4. 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.
5. The EUT description is from the customer declaration.

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 Mode			
-----------	-----------------------	--	--	--

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

Note:

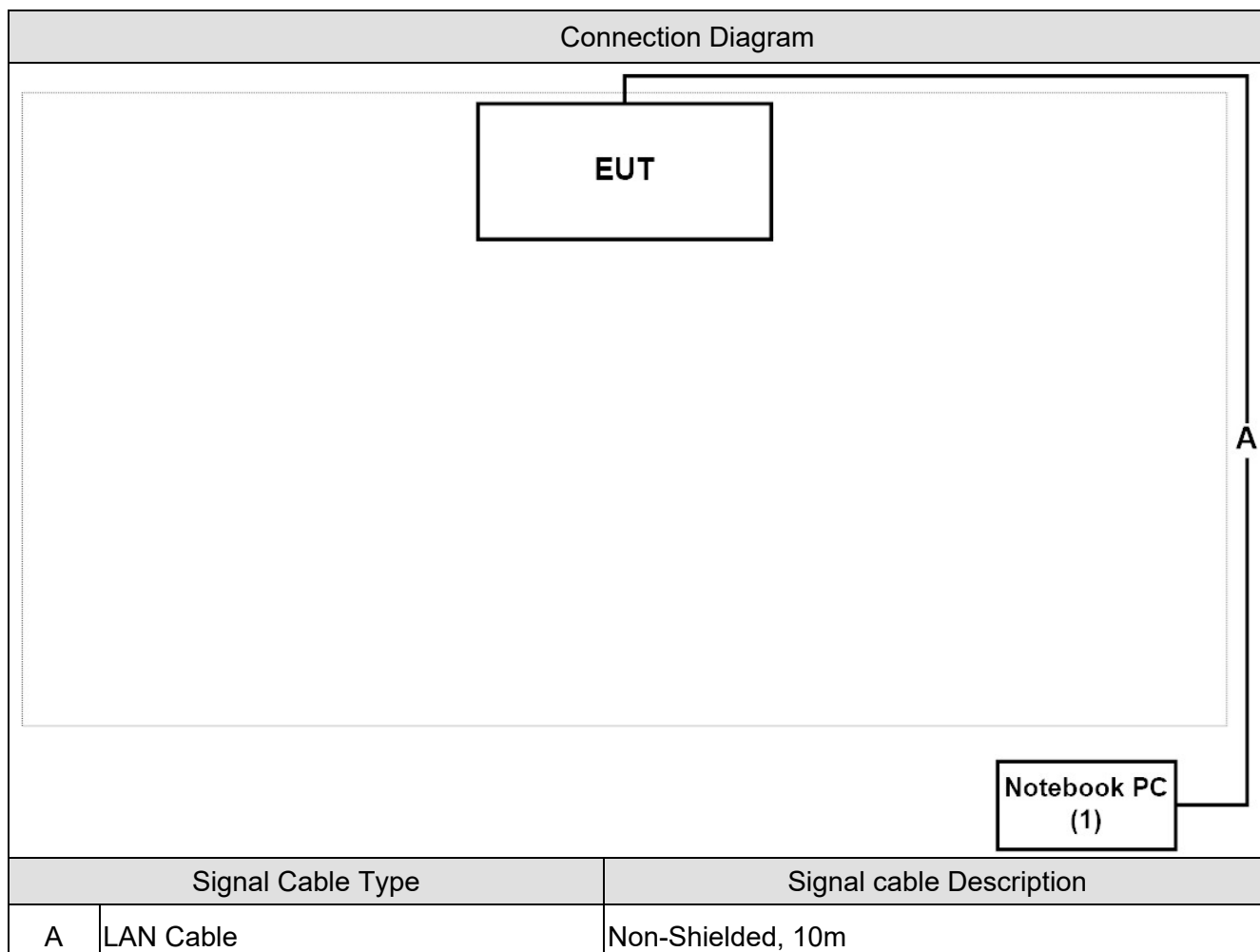
1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

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	Latitude E6320	8208580717	DoC	Shielded, 2m

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown.
2	Connect to LAN and send command to control EUT.
3	Configure test mode, test channel, test power.
4	Let the EUT start transmitting or receiving signal continuously.
5	Verify that device is working properly.

1.6. Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required	Test Site
Temperature (°C)	FCC PART 15 C 15.207	15 - 35	2
Humidity (%RH)	Conducted Emission	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	Maximum peak conducted output power	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	Radiated Emission	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	RF antenna conducted test	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	Radiated Emission Band Edge	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	Occupied Bandwidth & DTS Bandwidth	25 - 75	
Temperature (°C)	FCC PART 15 C 15.247	15 - 35	1
Humidity (%RH)	Power Density	25 - 75	

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 address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

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

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	1. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. 2. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
Phone number	1. +886-3-582-8001 2. +886-3-582-8001
Fax number	1. +886-3-582-8958 2. +886-3-582-8958
Email address	info.tw@dekra.com
Website	http://www.dekra.com.tw

1.8. 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	2020/01/08	2021/01/07
Test Receiver	R&S	ESCS 30	836858/022	2020/02/25	2021/02/24
LISN	R&S	ENV216	100092	2020/06/22	2021/06/21

Maximum peak conducted output power / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531043	2020/11/30	2021/11/29
Pulse Power Sensor	Anritsu	MA2411B	1531044	2020/11/30	2021/11/29
Power Meter	Keysight	8990B	MY51000248	2020/05/20	2021/05/19
Power Sensor	Keysight	N1923A	MY57240005	2020/05/20	2021/05/19

Radiated Emission / CB4-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2020/10/12	2021/10/11
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2020/02/21	2021/02/20
Bilog Antenna	Teseq	CBL6112D	23191	2020/06/12	2021/06/11
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2020/06/04	2021/06/03
Horn Antenna	Schwarzbeck	BBHA 9170	202	2019/12/27	2020/12/26
Pre-Amplifier	DEKRA	AP-025C	12183122	2020/09/03	2021/09/02
Pre-Amplifier	EMCI	EMC11830I	980366	2020/11/30	2021/11/29
Pre-Amplifier	DEKRA	AP-400C	201801231	2019/12/03	2020/12/02
Horn Antenna	Schwarzbeck	BBHA 9120D	01656	2020/10/14	2021/10/13
Band Reject Filter	Micro-Tronics	BRM50702	G192	2020/03/09	2021/03/08
Signal Analyzer	R&S	FSV40	101435	2020/06/24	2021/06/23
Coaxial Cable(10m)	Suhner	SF102_SF104	CB4-H	2020/04/25	2021/04/24
DEKRA Testing System	DEKRA	Version 1.2	CB4-H	NA	NA

RF antenna conducted test / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2020/06/03	2021/06/02
Spectrum Analyzer	Keysight	N9010B	MY57110159	2020/04/15	2021/04/14
Spectrum Analyzer	Agilent	N9010A	US47140172	2020/06/18	2021/06/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29

Radiated Emission Band Edge / CB4-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2020/10/12	2021/10/11
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2020/02/21	2021/02/20
Bilog Antenna	Teseq	CBL6112D	23191	2020/06/12	2021/06/11
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2020/06/04	2021/06/03
Horn Antenna	Schwarzbeck	BBHA 9170	202	2019/12/27	2020/12/26
Pre-Amplifier	DEKRA	AP-025C	12183122	2020/09/03	2021/09/02
Pre-Amplifier	EMCI	EMC11830I	980366	2020/11/30	2021/11/29
Pre-Amplifier	DEKRA	AP-400C	201801231	2019/12/03	2020/12/02
Horn Antenna	Schwarzbeck	BBHA 9120D	01656	2020/10/14	2021/10/13
Band Reject Filter	Micro-Tronics	BRM50702	G192	2020/03/09	2021/03/08
Signal Analyzer	R&S	FSV40	101435	2020/06/24	2021/06/23
Coaxial Cable(10m)	Suhner	SF102_SF104	CB4-H	2020/04/25	2021/04/24
DEKRA Testing System	DEKRA	Version 1.2	CB4-H	NA	NA

DTS Bandwidth / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2020/06/03	2021/06/02
Spectrum Analyzer	Keysight	N9010B	MY57110159	2020/04/15	2021/04/14
Spectrum Analyzer	Agilent	N9010A	US47140172	2020/06/18	2021/06/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29

Occupied Bandwidth / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2020/06/03	2021/06/02
Spectrum Analyzer	Keysight	N9010B	MY57110159	2020/04/15	2021/04/14
Spectrum Analyzer	Agilent	N9010A	US47140172	2020/06/18	2021/06/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29

Power Density / SR12-H

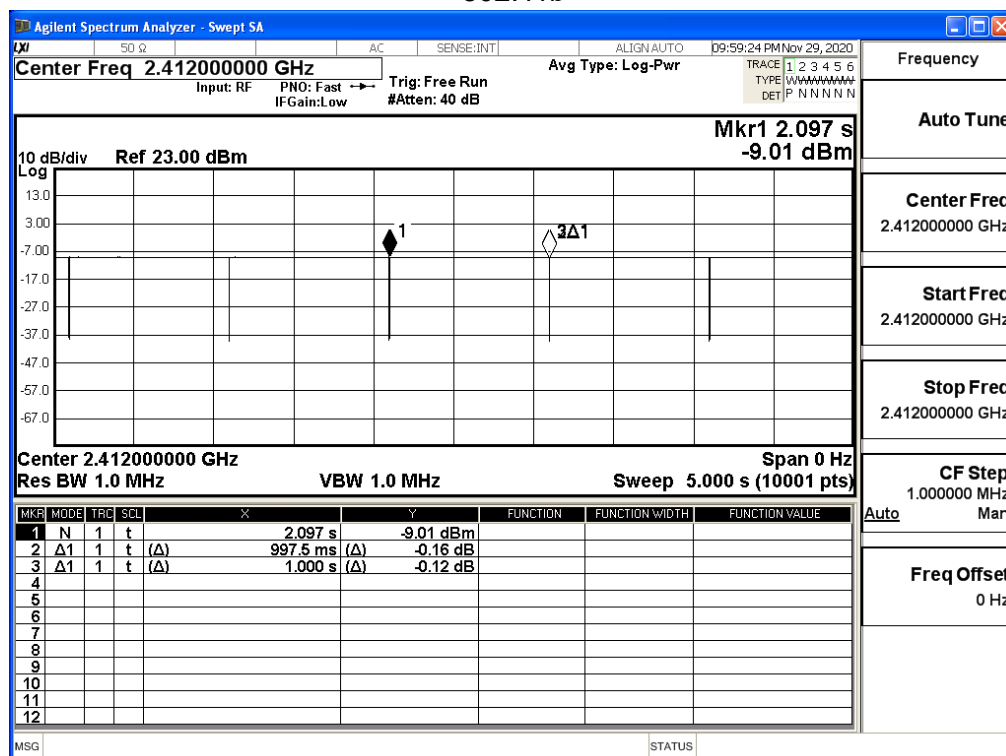
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2020/06/03	2021/06/02
Spectrum Analyzer	Keysight	N9010B	MY57110159	2020/04/15	2021/04/14
Spectrum Analyzer	Agilent	N9010A	US47140172	2020/06/18	2021/06/17
Signal & Spectrum Analyzer	R&S	FSV40	101049	2020/03/30	2021/03/29

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

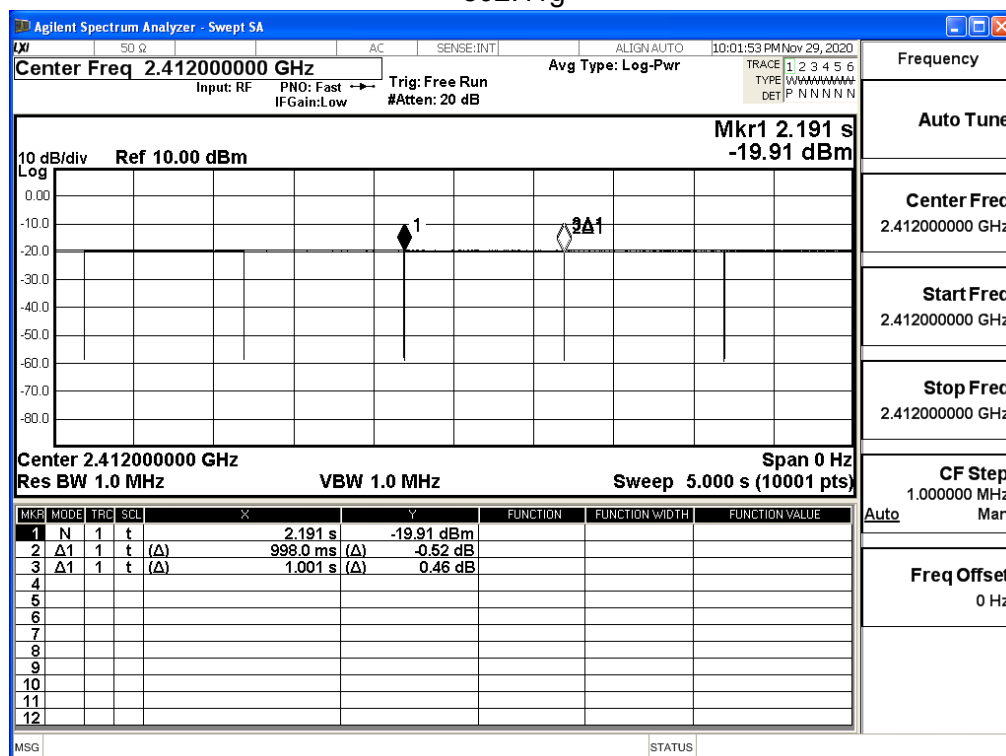
1.9. Duty Cycle

Mode	On Time(ms)	On+Off Time(ms)	Duty Cycle(%)	1/T Minimum VBW (kHz)
11b	0.997	1.000	99.70%	0.010
11g	0.998	1.001	99.70%	0.010
HT20	0.996	1.000	99.60%	0.010

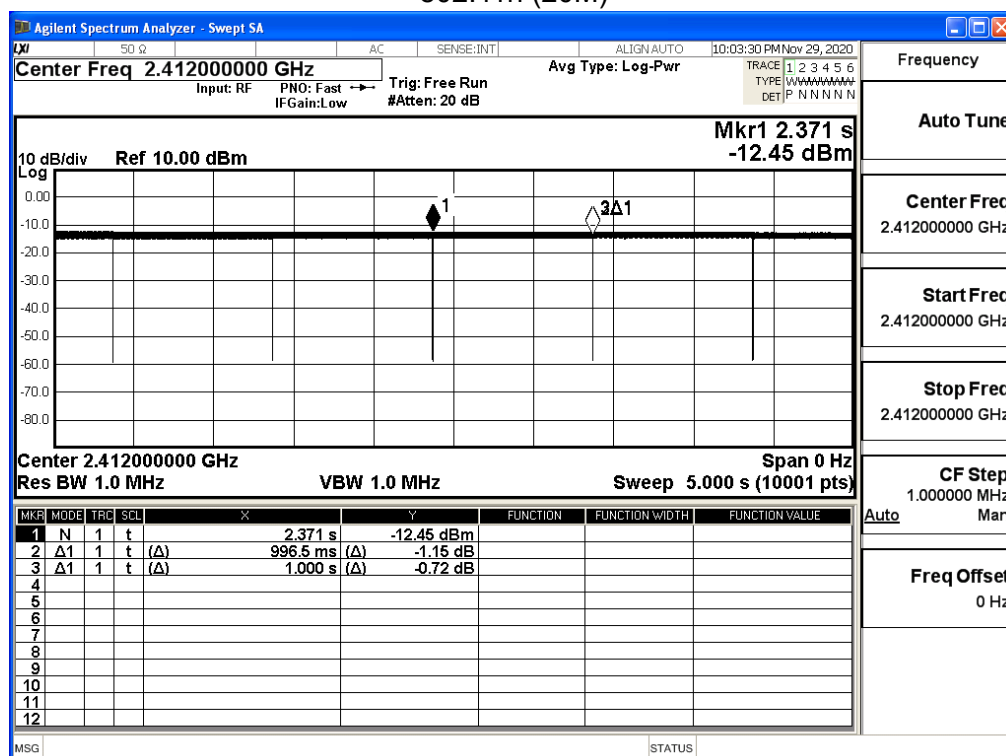
802.11b



802.11g



802.11n (20M)

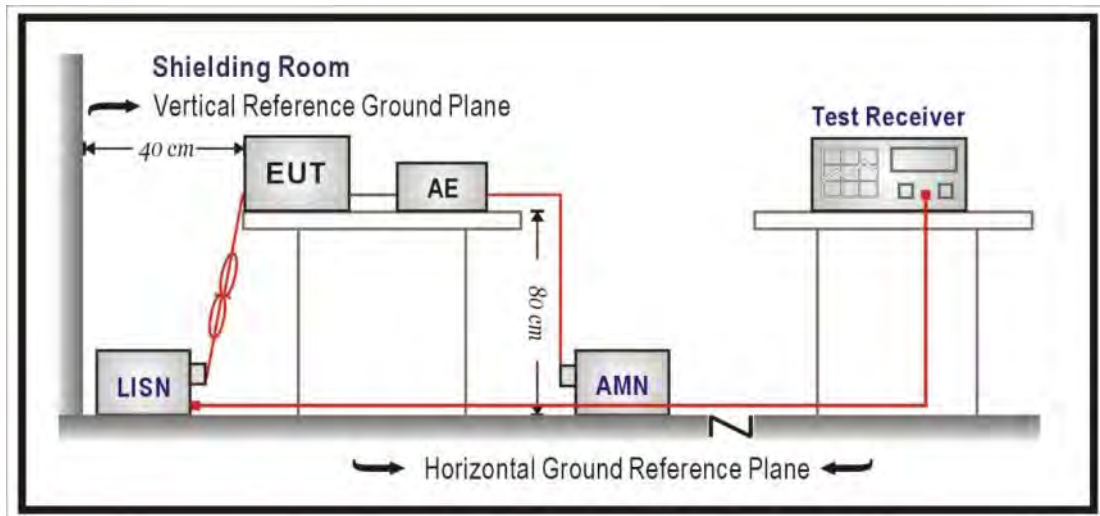


1.10. Uncertainty

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	± 1.27 dB
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 KDB 558074 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.

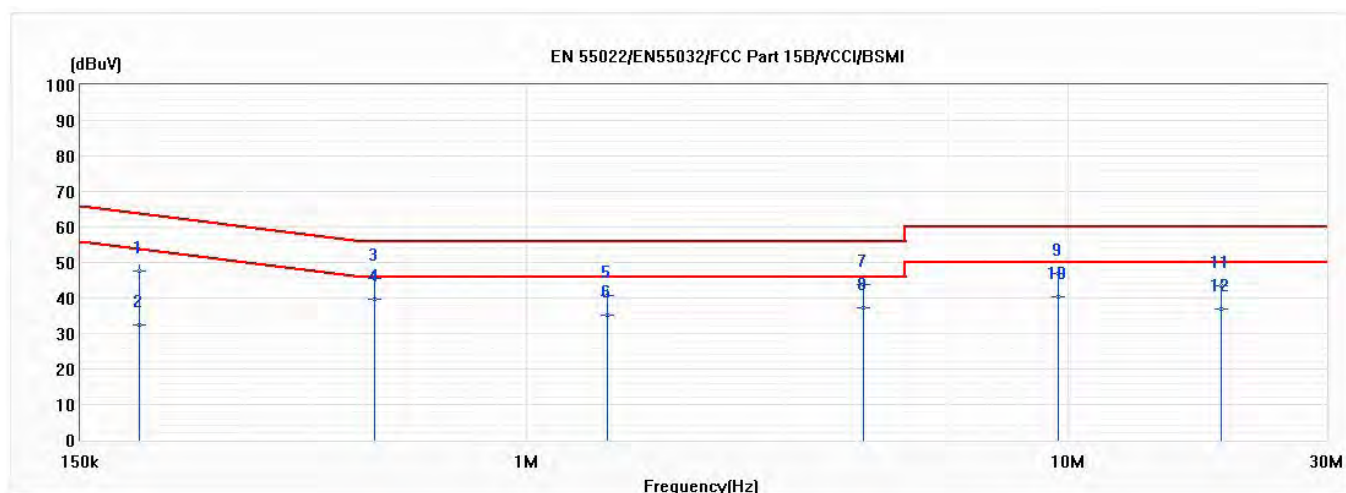
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2019

2.5. Test Result

Model No	EA2R040JPA10-00	Site	SR2-H
Test Voltage	240V	Test Date	2020/11/30
Test Mode	Mode 1: Transmit Mode	Engineer	Neil Yeh
Phase	L	Temperature (°C)	23
Test Condition	2412MHz_TX_g20	Humidity (%RH)	57

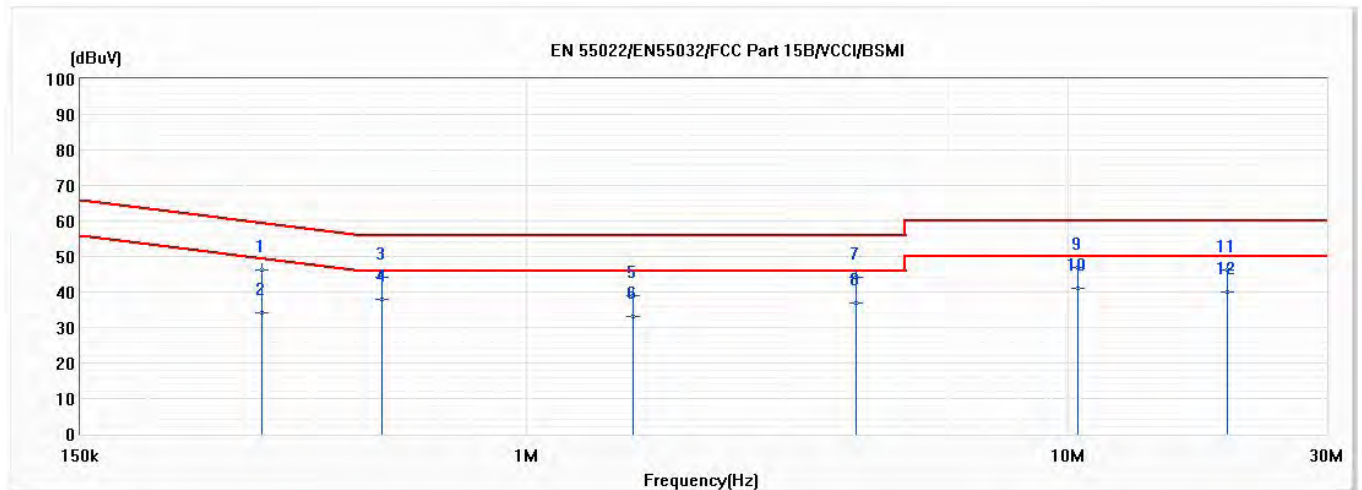


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.193	47.46	63.92	-16.46	37.81	9.64	QP
2	0.193	32.41	53.92	-21.51	22.76	9.64	AV
3	0.525	45.58	56.00	-10.42	35.88	9.69	QP
*4	0.525	39.50	46.00	-6.50	29.80	9.69	AV
5	1.412	40.70	56.00	-15.30	30.94	9.76	QP
6	1.412	35.19	46.00	-10.81	25.43	9.76	AV
7	4.177	43.89	56.00	-12.11	34.00	9.90	QP
8	4.177	37.39	46.00	-8.61	27.49	9.90	AV
9	9.606	46.74	60.00	-13.26	36.63	10.11	QP
10	9.606	40.34	50.00	-9.66	30.23	10.11	AV
11	19.174	43.35	60.00	-16.65	32.99	10.36	QP
12	19.174	36.89	50.00	-13.11	26.53	10.36	AV

Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Model No	EA2R040JPA10-00	Site	SR2-H
Test Voltage	240V	Test Date	2020/11/30
Test Mode	Mode 1: Transmit Mode	Engineer	Neil Yeh
Phase	N	Temperature (°C)	23
Test Condition	2412MHz_TX_n20	Humidity (%RH)	57



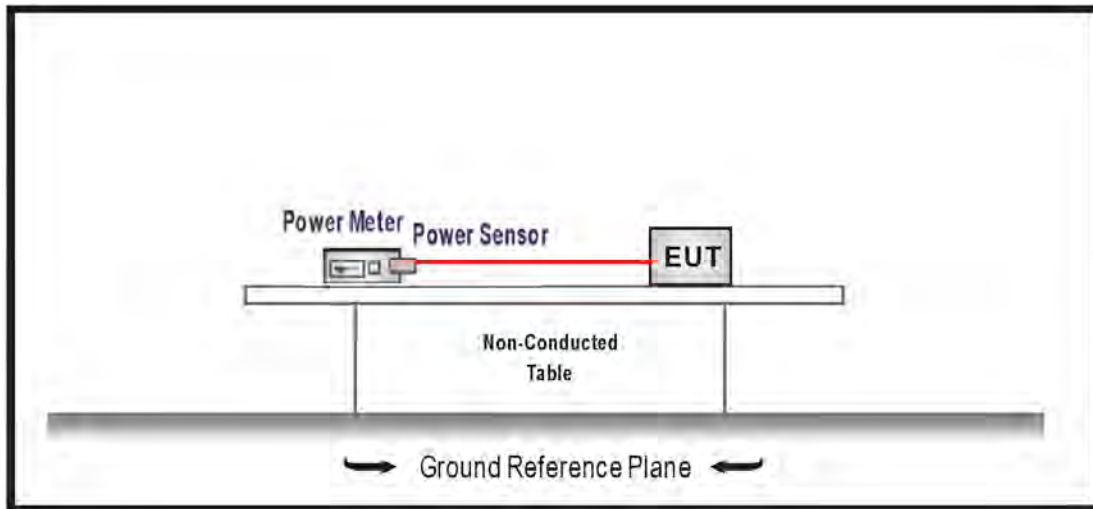
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.324	46.11	59.59	-13.48	36.45	9.66	QP
2	0.324	34.10	49.59	-15.49	24.45	9.66	AV
3	0.540	44.18	56.00	-11.82	34.50	9.68	QP
*4	0.540	37.89	46.00	-8.11	28.21	9.68	AV
5	1.575	38.94	56.00	-17.06	29.19	9.76	QP
6	1.575	33.11	46.00	-12.89	23.36	9.76	AV
7	4.058	44.09	56.00	-11.91	34.20	9.88	QP
8	4.058	36.99	46.00	-9.01	27.11	9.88	AV
9	10.437	46.93	60.00	-13.07	36.77	10.16	QP
10	10.437	40.91	50.00	-9.09	30.75	10.16	AV
11	19.628	46.29	60.00	-13.71	35.78	10.51	QP
12	19.628	40.14	50.00	-9.86	29.62	10.51	AV

Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

3. Maximum peak conducted output power

3.1. Test Setup



3.2. Test procedures

The EUT was tested according to DTS test procedure section 8.3.1.3 of KDB 558074 D01 v05r02 & Subclause 11.9.1.3 of ANSI C63.10 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: 2019

3.5. Test Result

Product	HomeStation		
Test Item	Maximum peak conducted output power		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Maximum peak conducted output power (dBm)	Limit (dBm)
1	2412	18.690	≤ 30
6	2437	18.720	≤ 30
11	2462	19.530	≤ 30

The worst emission of data rate is 1Mbps.

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Maximum peak conducted output power (dBm)	Limit (dBm)
1	2412	11.530	≤ 30
6	2437	20.780	≤ 30
11	2462	14.710	≤ 30

The worst emission of data rate is 6Mbps

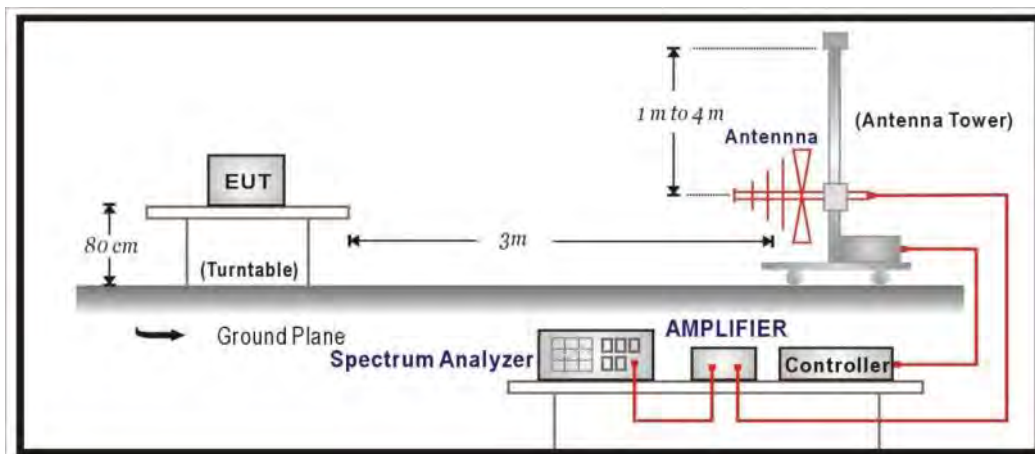
IEEE 802.11n(20M) (ANT 0)			
Channel No.	Frequency (MHz)	Maximum peak conducted output power (dBm)	Limit (dBm)
1	2412	12.150	≤ 30
6	2437	20.420	≤ 30
11	2462	13.780	≤ 30

The worst emission of data rate is MCS 0

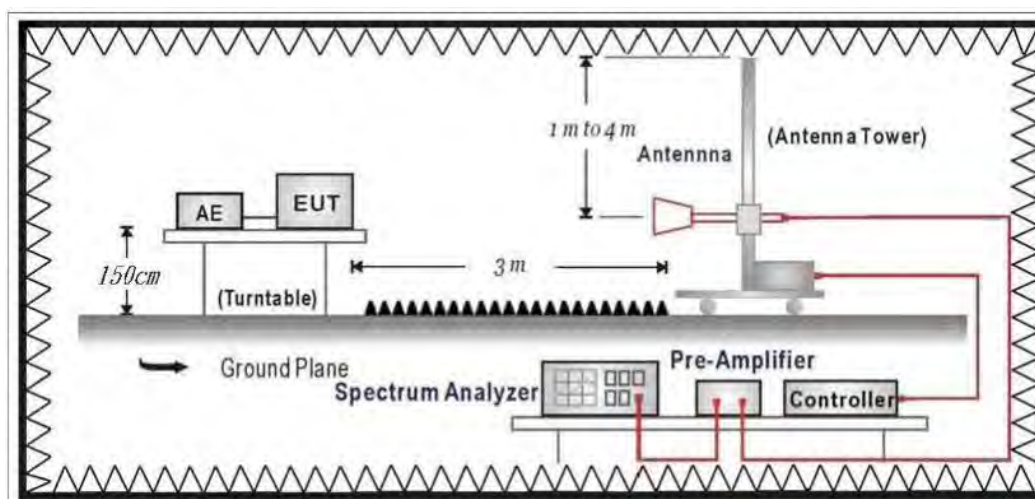
4. Radiated Emission

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 KDB 558074 D01 v05r02 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.

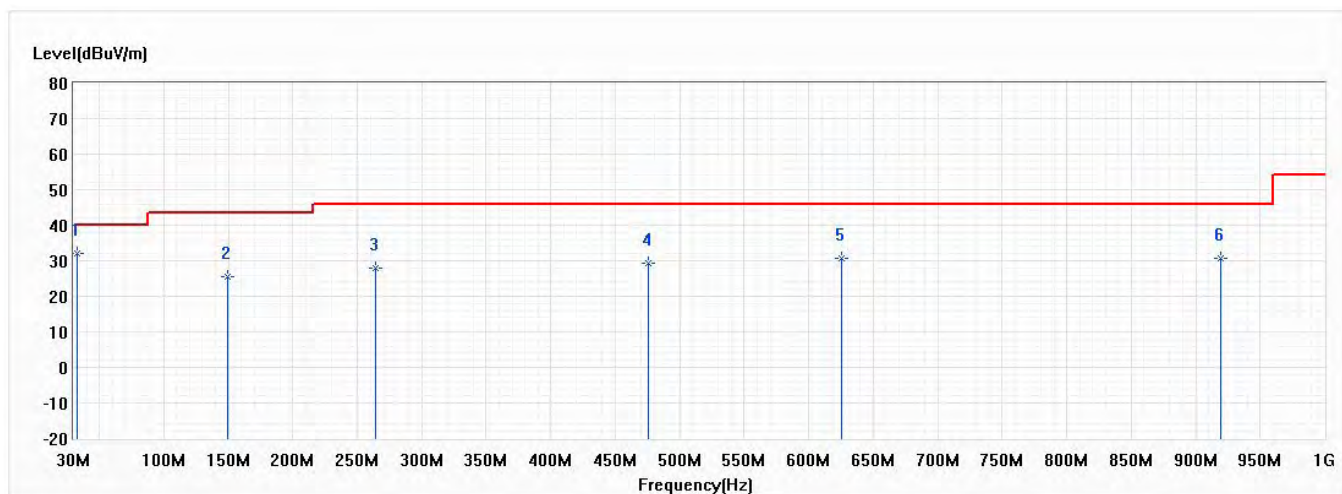
4.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

4.5. Test Result

30MHz-1GHz Spurious

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

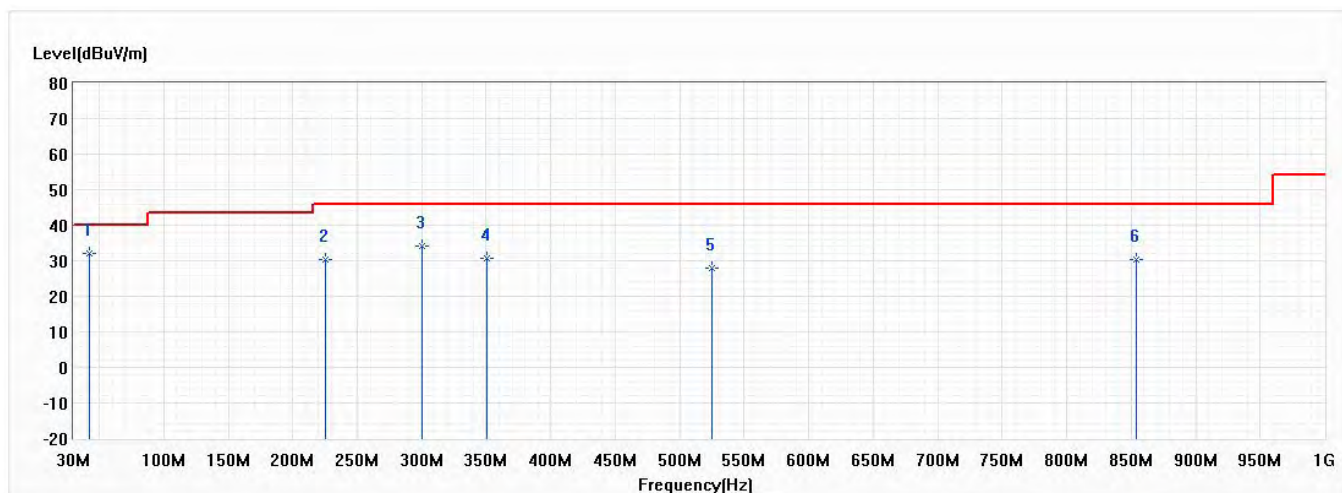


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	32.425	32.22	40.00	-7.78	28.74	3.48	QP
2	149.795	25.44	43.50	-18.06	29.93	-4.49	QP
3	263.770	28.01	46.00	-17.99	29.66	-1.65	QP
4	475.230	29.30	46.00	-16.70	26.34	2.96	QP
5	625.095	30.70	46.00	-15.30	25.46	5.24	QP
6	919.005	30.74	46.00	-15.26	22.34	8.40	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " * ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0



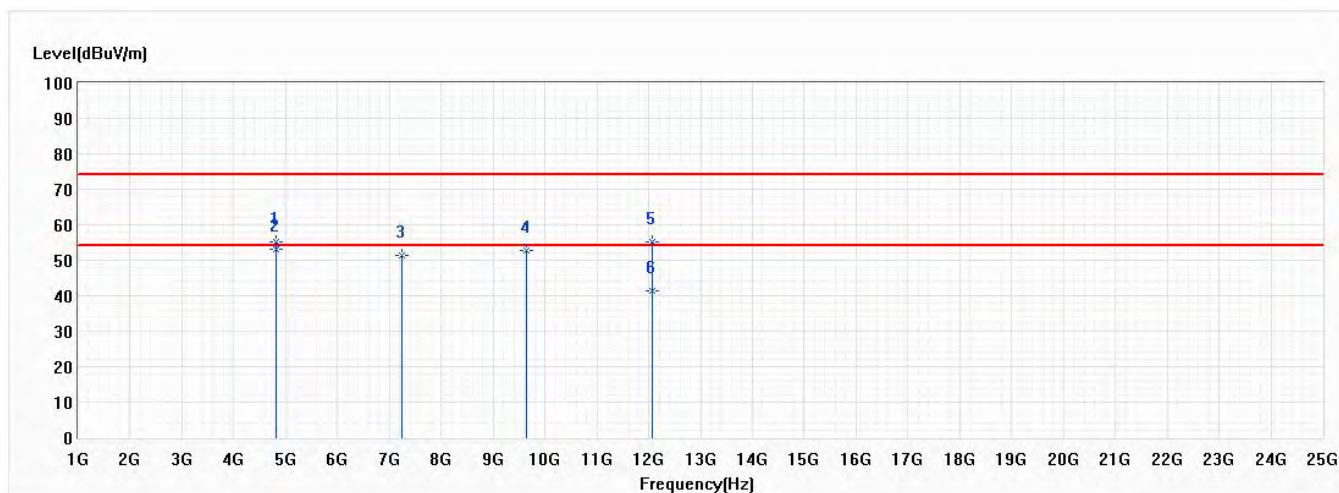
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	42.125	32.02	40.00	-7.98	34.55	-2.53	QP
2	224.970	30.43	46.00	-15.57	34.97	-4.54	QP
3	300.145	34.26	46.00	-11.74	35.66	-1.40	QP
4	350.100	30.79	46.00	-15.21	30.50	0.29	QP
5	525.185	27.86	46.00	-18.14	24.02	3.84	QP
6	854.015	30.26	46.00	-15.74	22.45	7.81	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Above 1GHz Spurious

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

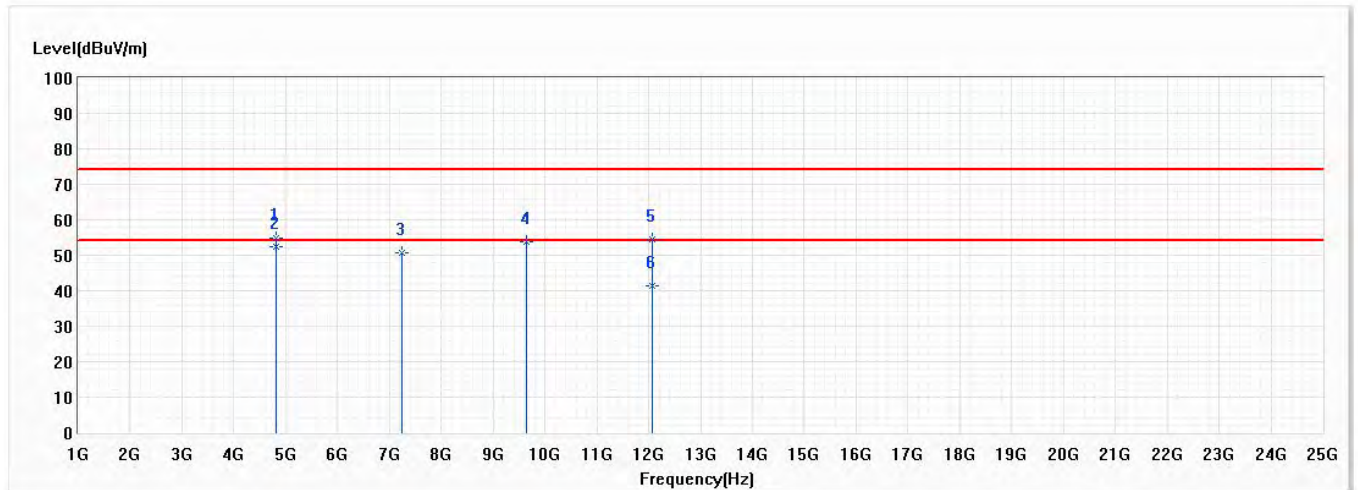


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	55.33	74.00	-18.67	56.86	-1.53	PK
* 2	4824.000	53.02	54.00	-0.98	54.55	-1.53	AV
3	7236.000	51.22	74.00	-22.78	45.05	6.17	PK
4	9648.000	52.60	74.00	-21.40	41.23	11.37	PK
5	12060.000	55.32	74.00	-18.68	41.83	13.49	PK
6	12060.000	41.34	54.00	-12.66	27.85	13.49	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

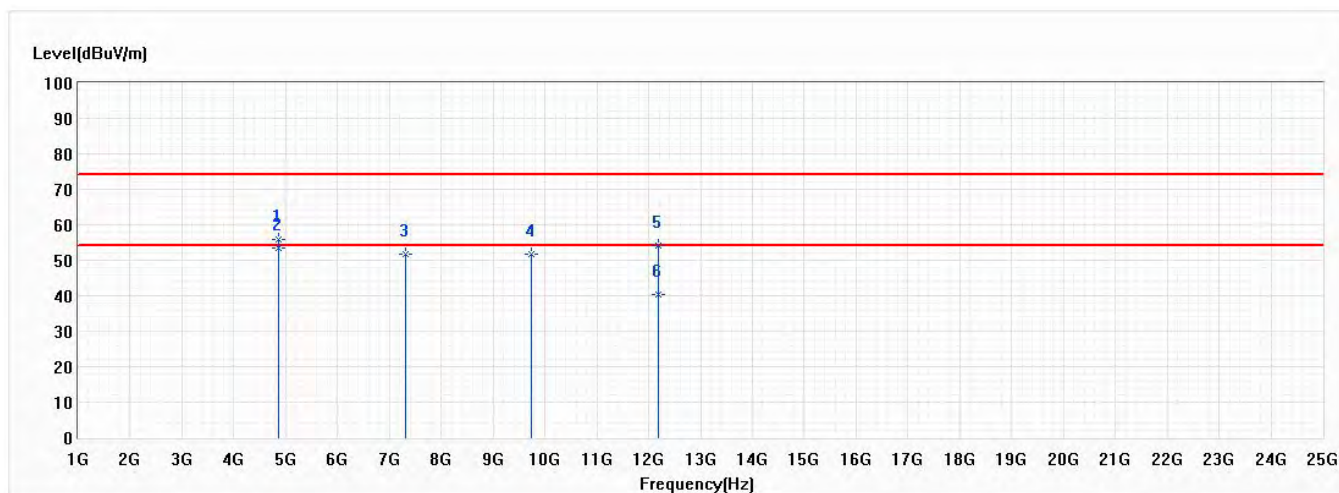


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	55.00	74.00	-19.00	56.53	-1.53	PK
* 2	4824.000	52.58	54.00	-1.42	54.11	-1.53	AV
3	7236.000	50.66	74.00	-23.34	44.49	6.17	PK
4	9648.000	53.81	74.00	-20.19	42.44	11.37	PK
5	12060.000	54.56	74.00	-19.44	41.07	13.49	PK
6	12060.000	41.25	54.00	-12.75	27.76	13.49	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

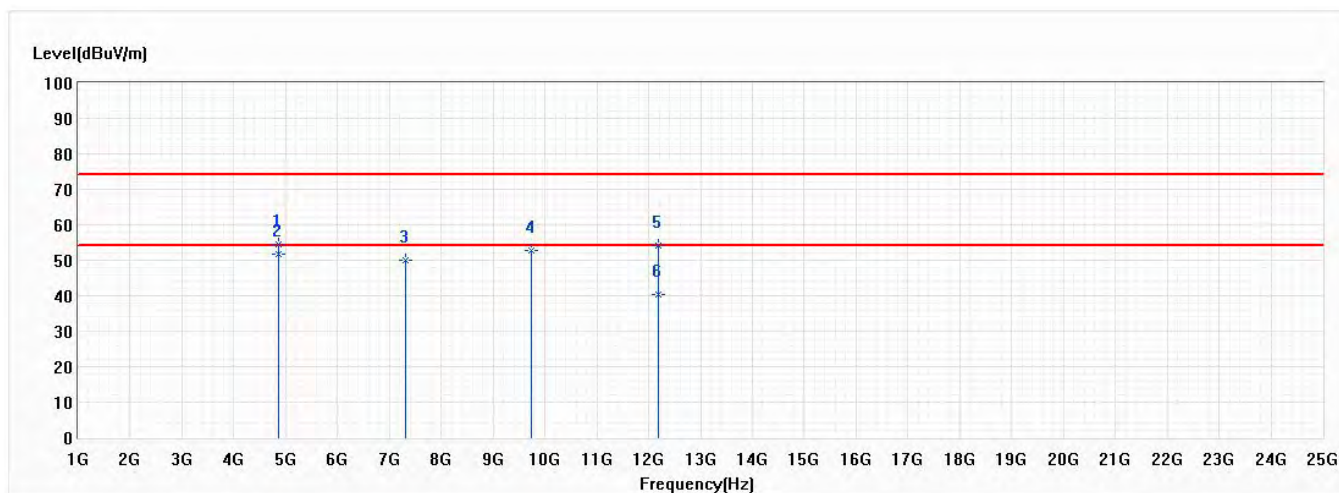


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4874.000	55.84	74.00	-18.16	57.17	-1.33	PK
* 2	4874.000	53.41	54.00	-0.59	54.74	-1.33	AV
3	7311.000	51.60	74.00	-22.40	45.18	6.42	PK
4	9748.000	51.86	74.00	-22.14	40.37	11.49	PK
5	12185.000	54.27	74.00	-19.73	40.99	13.28	PK
6	12185.000	40.26	54.00	-13.74	26.98	13.28	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

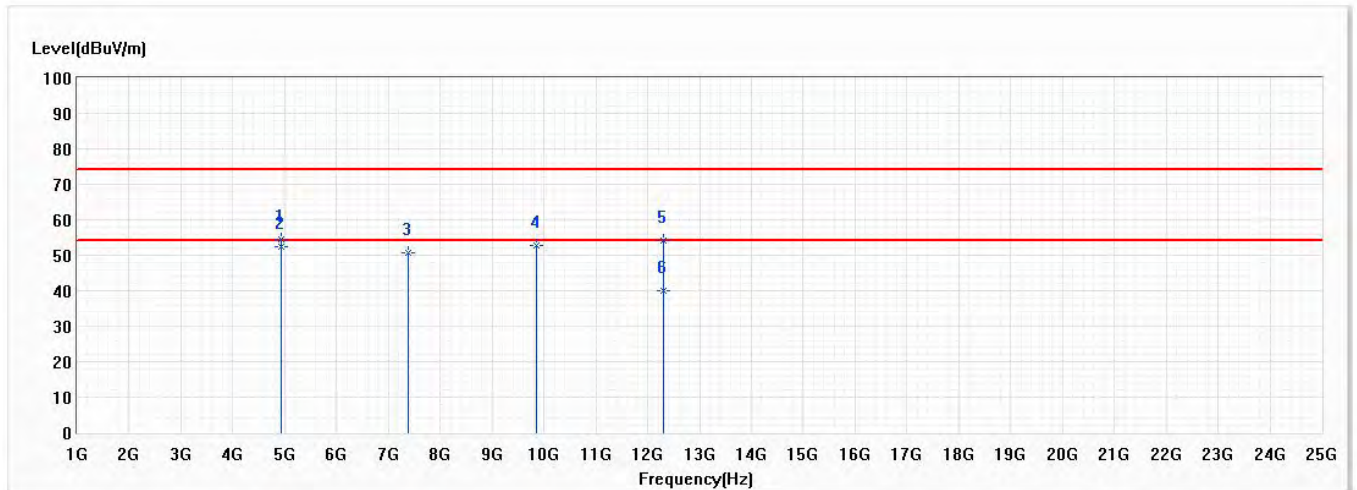


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4874.000	54.45	74.00	-19.55	55.78	-1.33	PK
* 2	4874.000	51.78	54.00	-2.22	53.11	-1.33	AV
3	7311.000	49.88	74.00	-24.12	43.46	6.42	PK
4	9748.000	52.71	74.00	-21.29	41.22	11.49	PK
5	12185.000	54.08	74.00	-19.92	40.80	13.28	PK
6	12185.000	40.39	54.00	-13.61	27.11	13.28	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

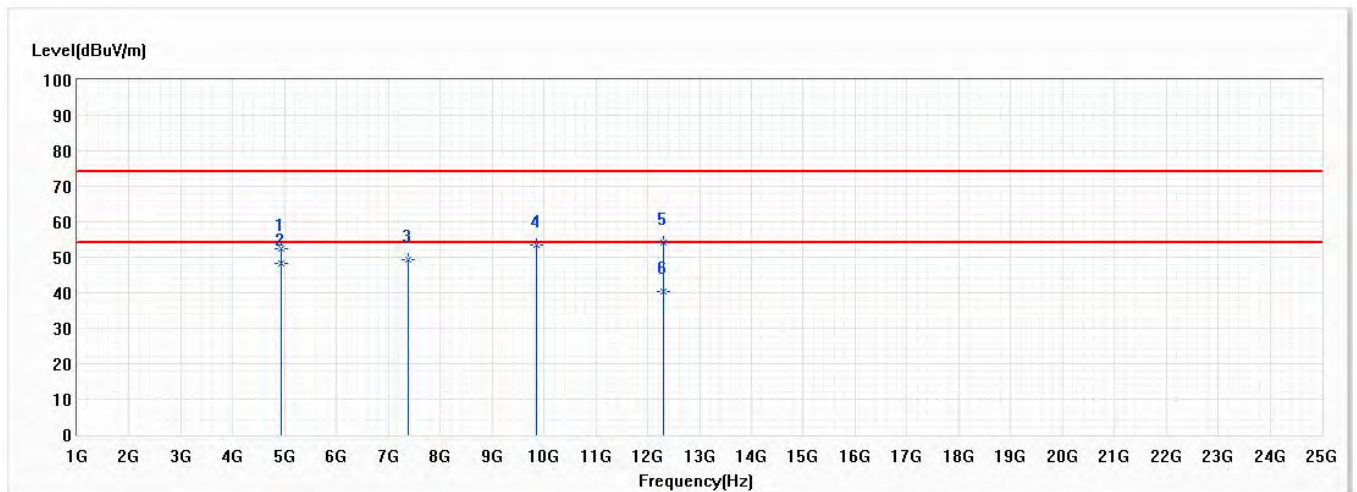


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	54.60	74.00	-19.40	55.73	-1.13	PK
* 2	4924.000	52.45	54.00	-1.55	53.58	-1.13	AV
3	7386.000	50.69	74.00	-23.31	44.03	6.66	PK
4	9848.000	52.87	74.00	-21.13	41.32	11.55	PK
5	12310.000	54.20	74.00	-19.80	41.15	13.05	PK
6	12310.000	40.01	54.00	-13.99	26.96	13.05	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

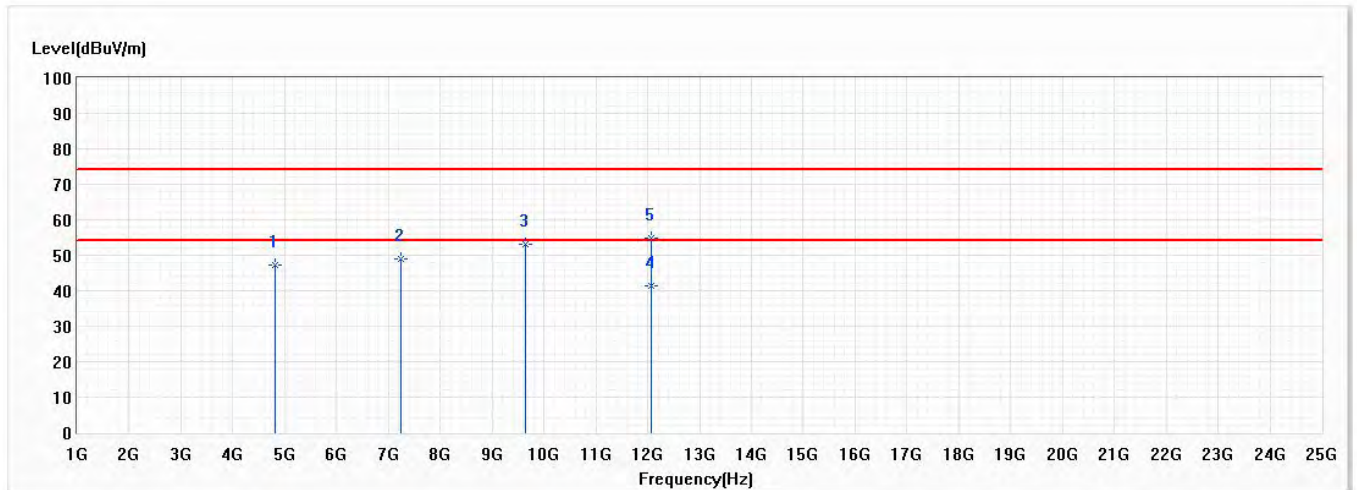


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	52.25	74.00	-21.75	53.38	-1.13	PK
* 2	4924.000	48.28	54.00	-5.72	49.41	-1.13	AV
3	7386.000	49.23	74.00	-24.77	42.57	6.66	PK
4	9848.000	53.52	74.00	-20.48	41.97	11.55	PK
5	12310.000	54.01	74.00	-19.99	40.96	13.05	PK
6	12310.000	40.33	54.00	-13.67	27.28	13.05	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

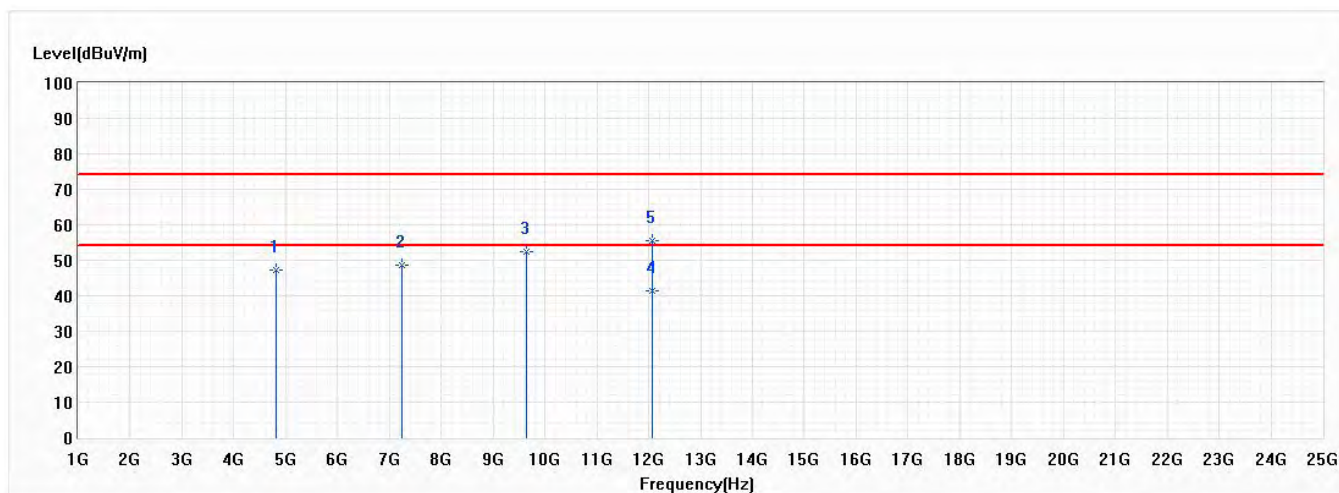


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	47.33	74.00	-26.67	48.86	-1.53	PK
2	7236.000	49.07	74.00	-24.93	42.90	6.17	PK
3	9648.000	53.25	74.00	-20.75	41.88	11.37	PK
* 4	12060.000	41.27	54.00	-12.73	27.78	13.49	AV
5	12060.000	54.96	74.00	-19.04	41.47	13.49	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

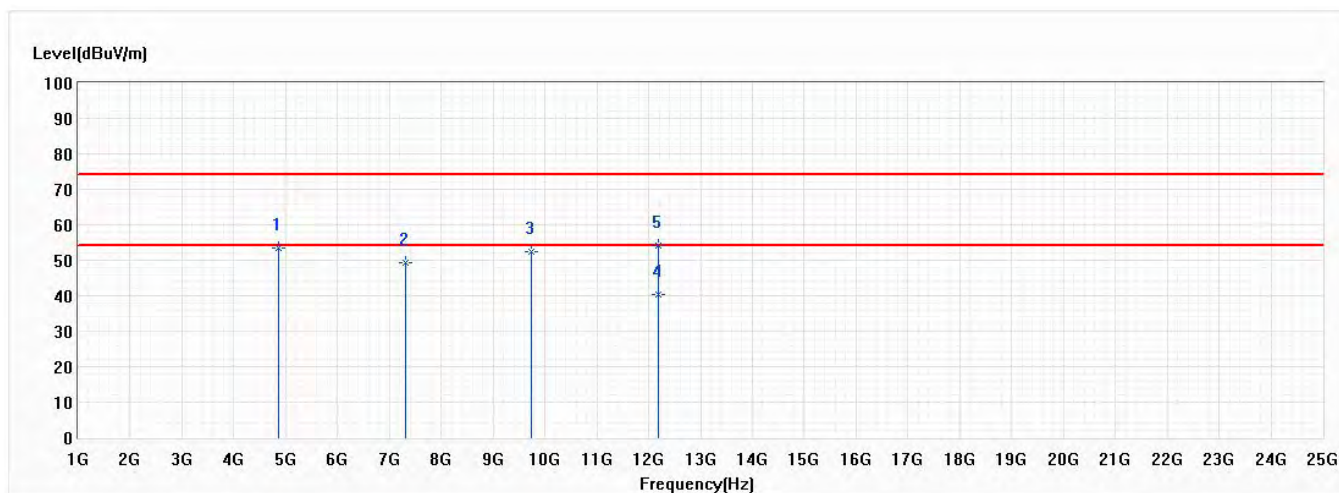


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	47.09	74.00	-26.91	48.62	-1.53	PK
2	7236.000	48.79	74.00	-25.21	42.62	6.17	PK
3	9648.000	52.35	74.00	-21.65	40.98	11.37	PK
* 4	12060.000	41.29	54.00	-12.71	27.80	13.49	AV
5	12060.000	55.55	74.00	-18.45	42.06	13.49	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

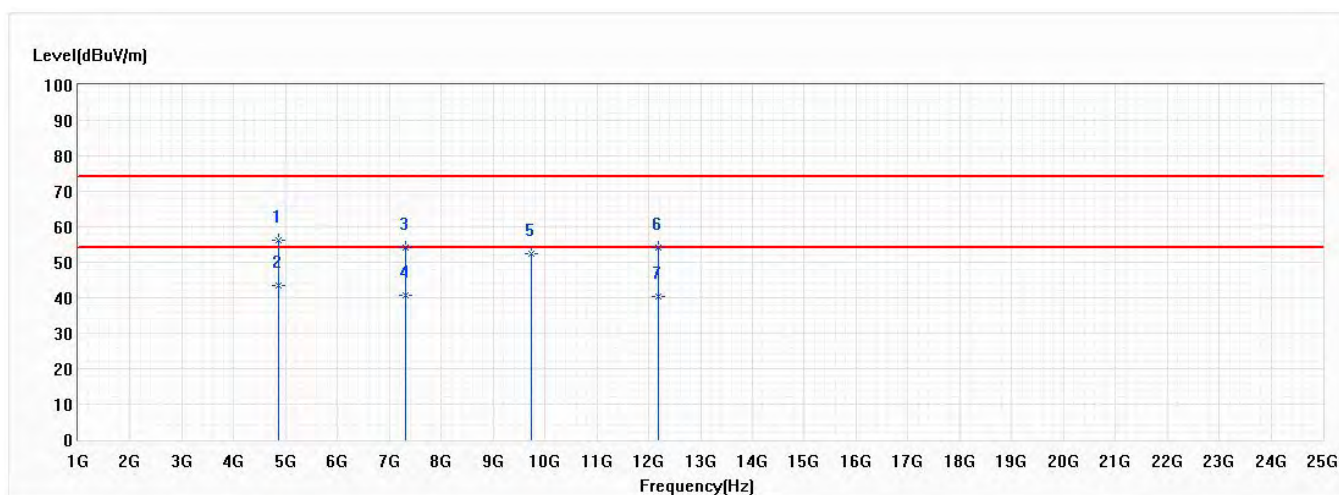


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4874.000	53.57	74.00	-20.43	54.90	-1.33	PK
2	7311.000	49.28	74.00	-24.72	42.86	6.42	PK
3	9748.000	52.41	74.00	-21.59	40.92	11.49	PK
* 4	12185.000	40.26	54.00	-13.74	26.98	13.28	AV
5	12185.000	54.22	74.00	-19.78	40.94	13.28	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

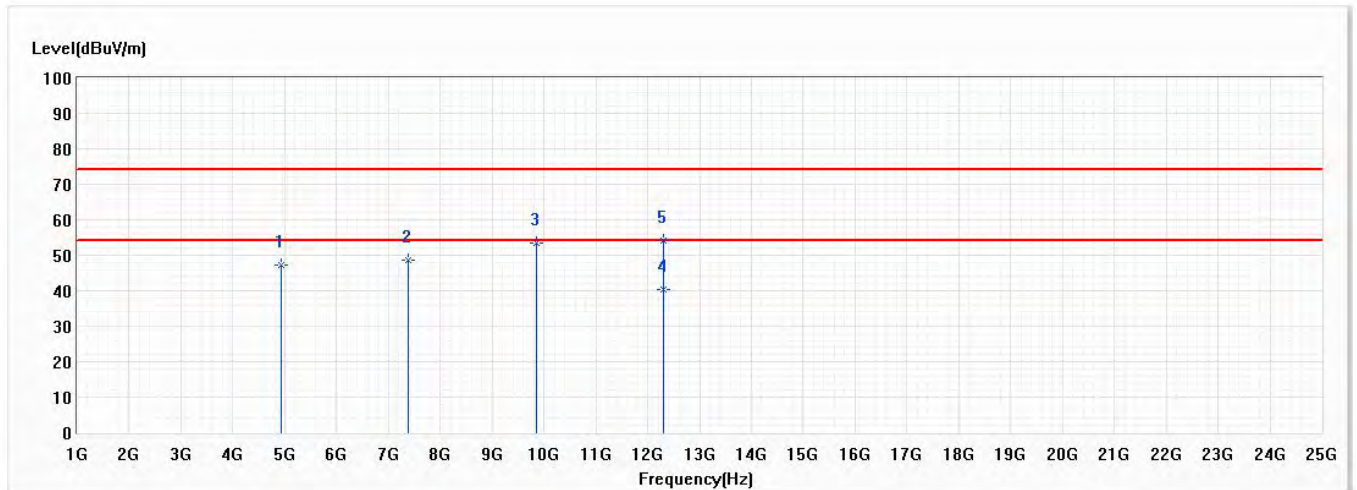


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4874.000	56.29	74.00	-17.71	57.62	-1.33	PK
* 2	4874.000	43.62	54.00	-10.38	44.95	-1.33	AV
3	7311.000	54.03	74.00	-19.97	47.61	6.42	PK
4	7311.000	40.58	54.00	-13.42	34.16	6.42	AV
5	9748.000	52.32	74.00	-21.68	40.83	11.49	PK
6	12185.000	54.20	74.00	-19.80	40.92	13.28	PK
7	12185.000	40.19	54.00	-13.81	26.91	13.28	AV

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

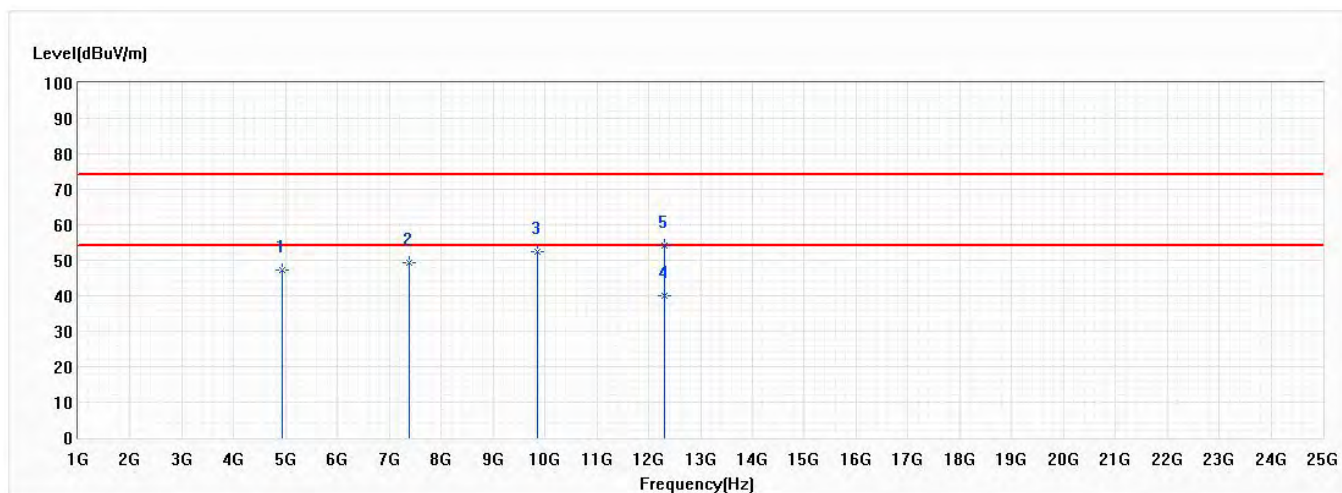


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	47.18	74.00	-26.82	48.31	-1.13	PK
2	7386.000	48.63	74.00	-25.37	41.97	6.66	PK
3	9848.000	53.45	74.00	-20.55	41.90	11.55	PK
* 4	12310.000	40.25	54.00	-13.75	27.20	13.05	AV
5	12310.000	54.01	74.00	-19.99	40.96	13.05	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

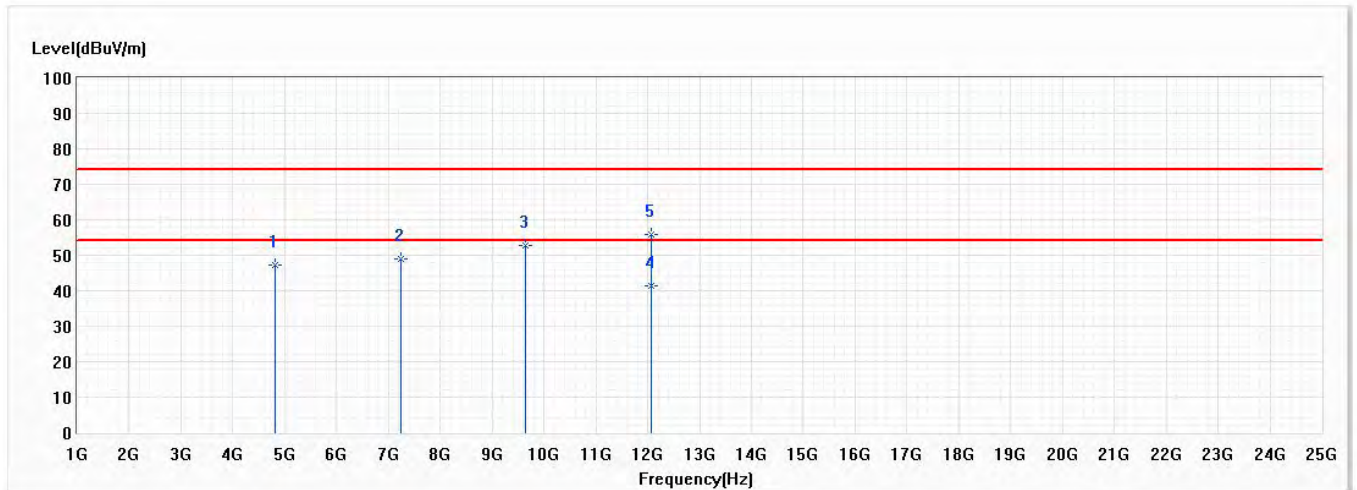


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	47.35	74.00	-26.65	48.48	-1.13	PK
2	7386.000	49.20	74.00	-24.80	42.54	6.66	PK
3	9848.000	52.43	74.00	-21.57	40.88	11.55	PK
* 4	12310.000	40.11	54.00	-13.89	27.06	13.05	AV
5	12310.000	54.09	74.00	-19.91	41.04	13.05	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

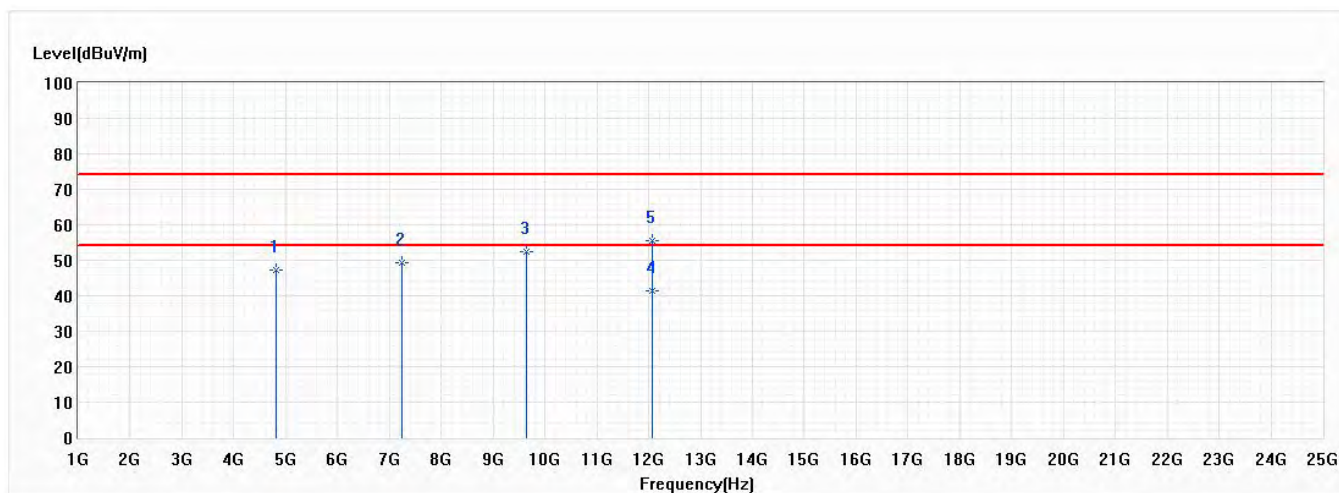


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	47.24	74.00	-26.76	48.77	-1.53	PK
2	7236.000	48.82	74.00	-25.18	42.65	6.17	PK
3	9648.000	52.92	74.00	-21.08	41.55	11.37	PK
* 4	12060.000	41.22	54.00	-12.78	27.73	13.49	AV
5	12060.000	55.72	74.00	-18.28	42.23	13.49	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	57.0

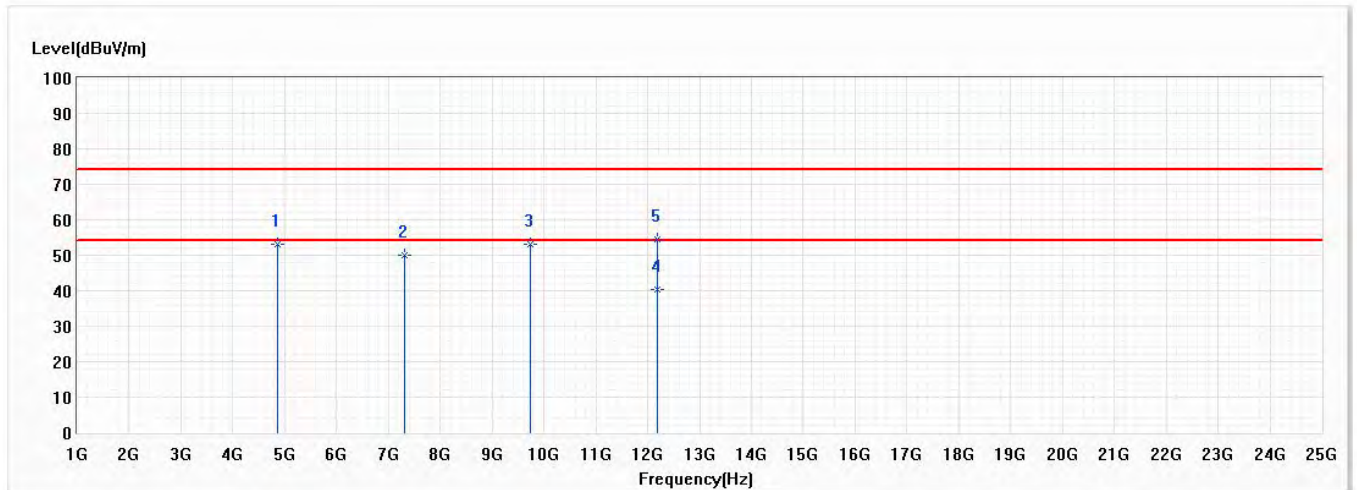


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	47.32	74.00	-26.68	48.85	-1.53	PK
2	7236.000	49.25	74.00	-24.75	43.08	6.17	PK
3	9648.000	52.55	74.00	-21.45	41.18	11.37	PK
* 4	12060.000	41.31	54.00	-12.69	27.82	13.49	AV
5	12060.000	55.36	74.00	-18.64	41.87	13.49	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

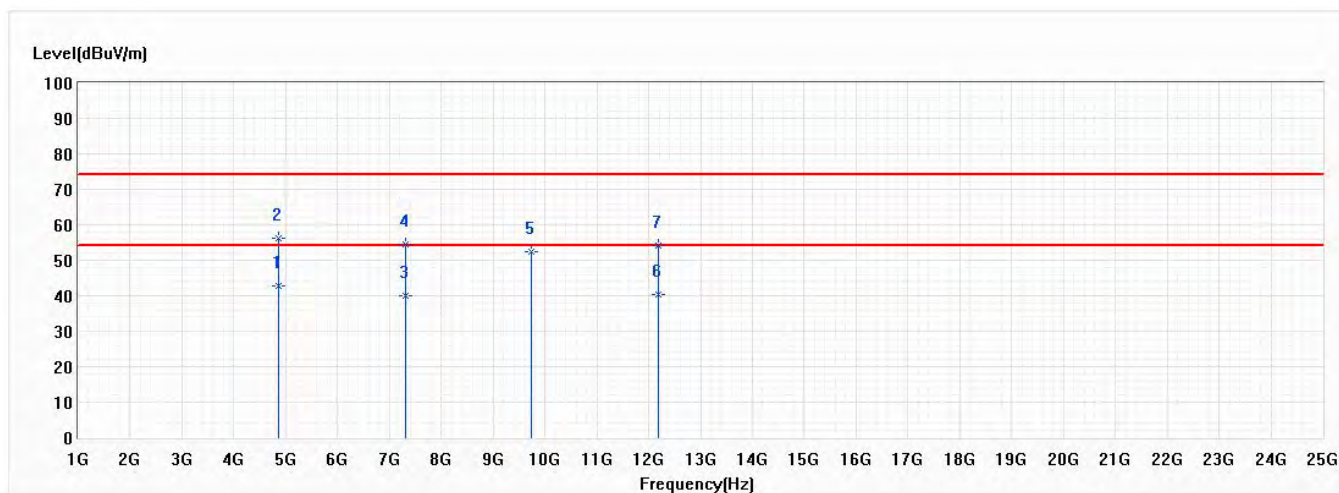


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4874.000	52.97	74.00	-21.03	54.30	-1.33	PK
2	7311.000	50.11	74.00	-23.89	43.69	6.42	PK
3	9748.000	53.01	74.00	-20.99	41.52	11.49	PK
* 4	12185.000	40.21	54.00	-13.79	26.93	13.28	AV
5	12185.000	54.38	74.00	-19.62	41.10	13.28	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	57.0

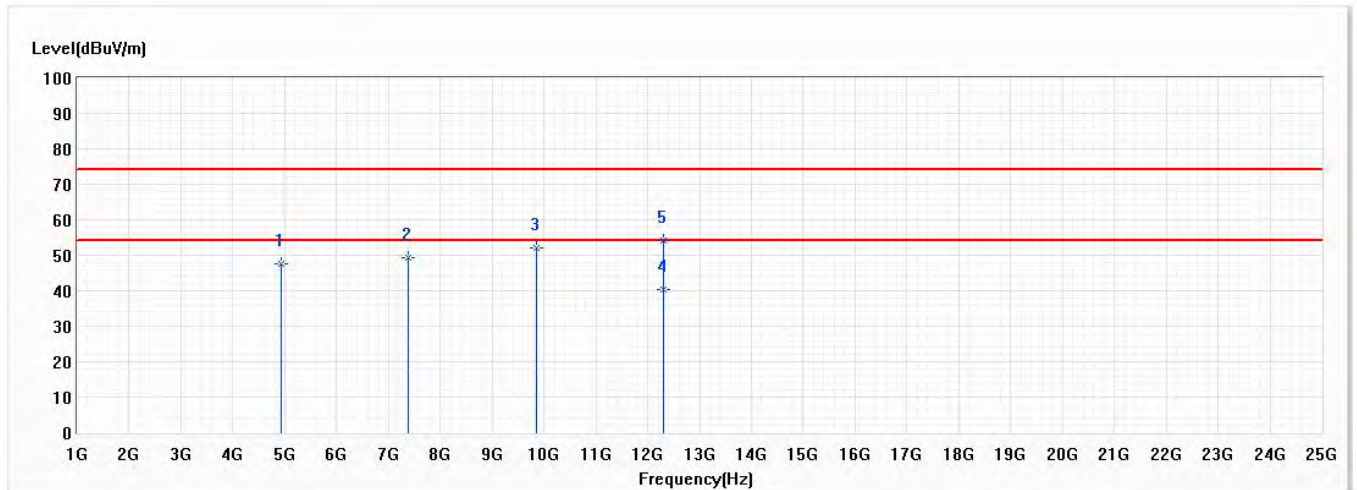


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	4874.000	42.83	54.00	-11.17	44.16	-1.33	AV
2	4874.000	56.28	74.00	-17.72	57.61	-1.33	PK
3	7311.000	40.13	54.00	-13.87	33.71	6.42	AV
4	7311.000	54.43	74.00	-19.57	48.01	6.42	PK
5	9748.000	52.50	74.00	-21.50	41.01	11.49	PK
6	12185.000	40.19	54.00	-13.81	26.91	13.28	AV
7	12185.000	54.12	74.00	-19.88	40.84	13.28	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

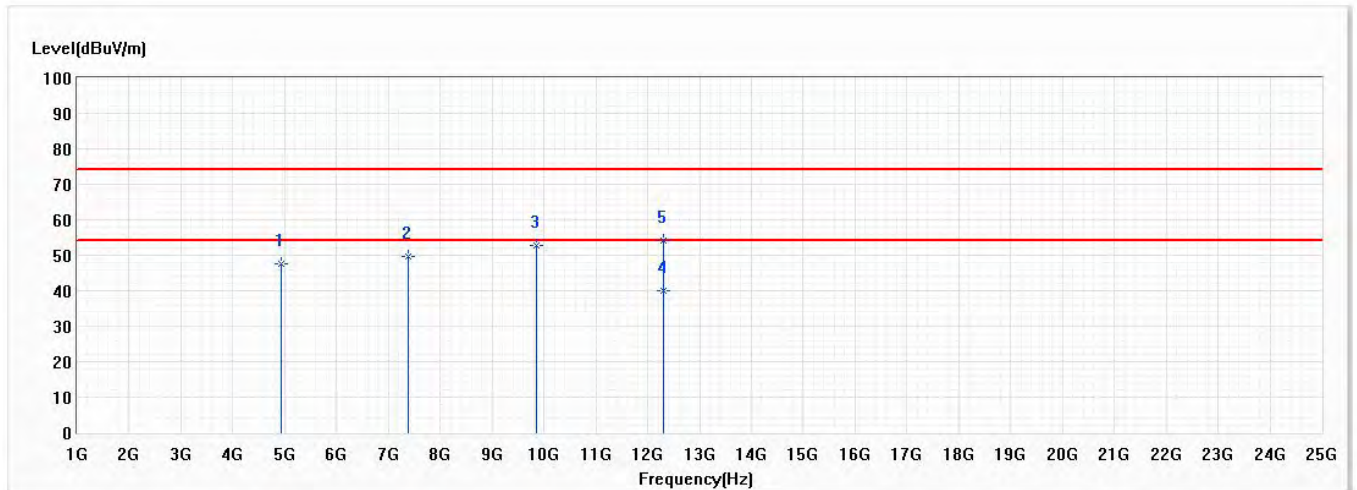


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	47.57	74.00	-26.43	48.70	-1.13	PK
2	7386.000	49.34	74.00	-24.66	42.68	6.66	PK
3	9848.000	52.08	74.00	-21.92	40.53	11.55	PK
* 4	12310.000	40.32	54.00	-13.68	27.27	13.05	AV
5	12310.000	54.04	74.00	-19.96	40.99	13.05	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	47.49	74.00	-26.51	48.62	-1.13	PK
2	7386.000	49.51	74.00	-24.49	42.85	6.66	PK
3	9848.000	52.74	74.00	-21.26	41.19	11.55	PK
* 4	12310.000	40.11	54.00	-13.89	27.06	13.05	AV
5	12310.000	54.03	74.00	-19.97	40.98	13.05	PK

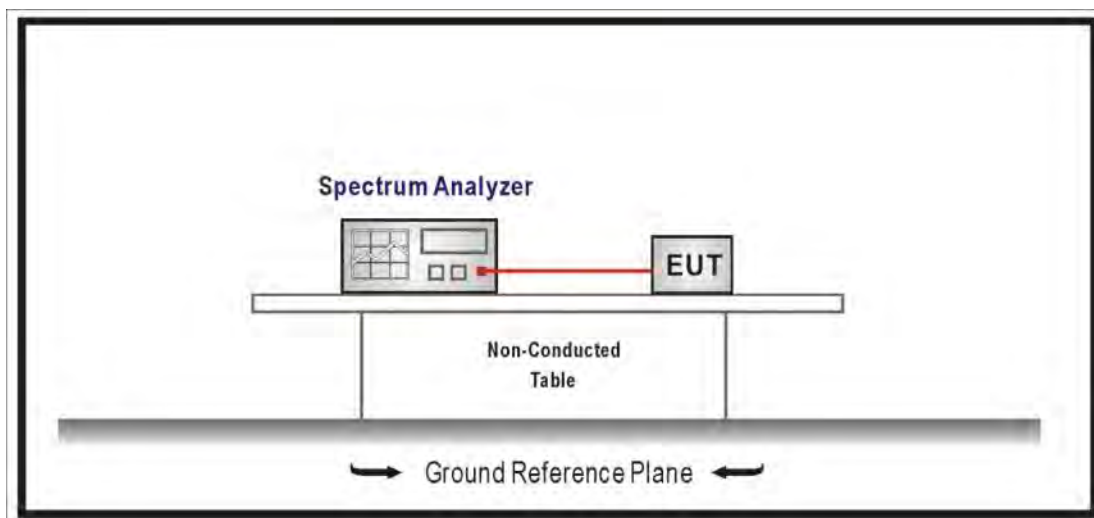
Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
- 3.Emission 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 13GHz were not included is because their levels are lower than 20dB form limit.

5. RF antenna conducted test

5.1. Test Setup

RF Antenna Conducted Measurement:



5.2. Limits

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

5.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

5.5. Test Result

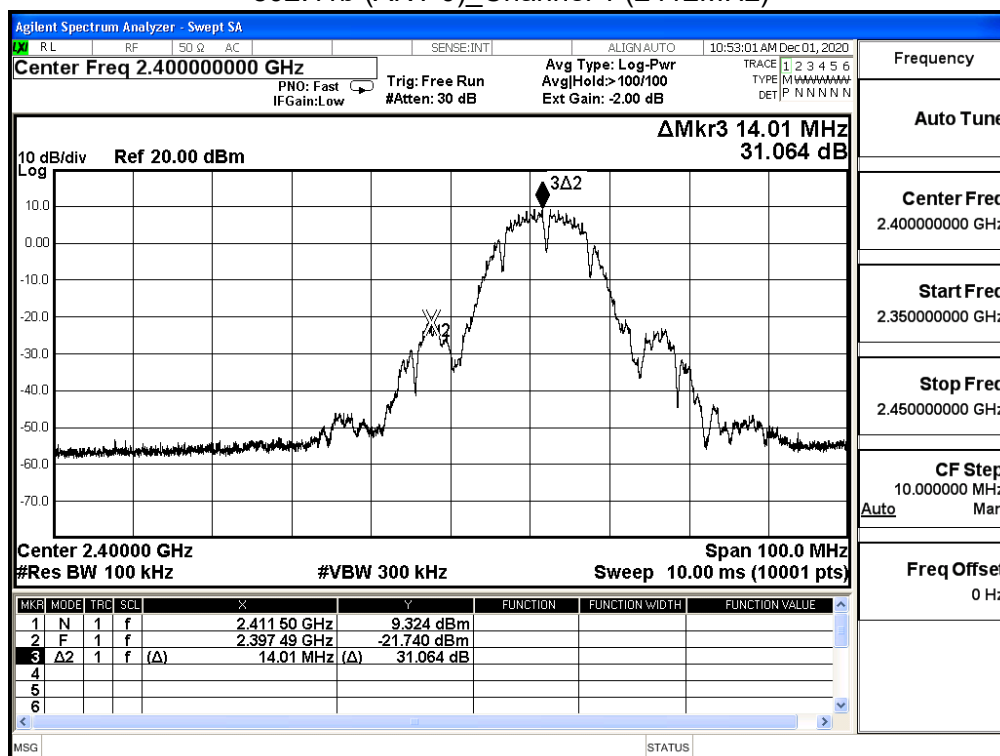
Product	HomeStation		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11b (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	31.064	≥ 30	Pass
6	2437	52.351	≥ 30	Pass
11	2462	45.918	≥ 30	Pass

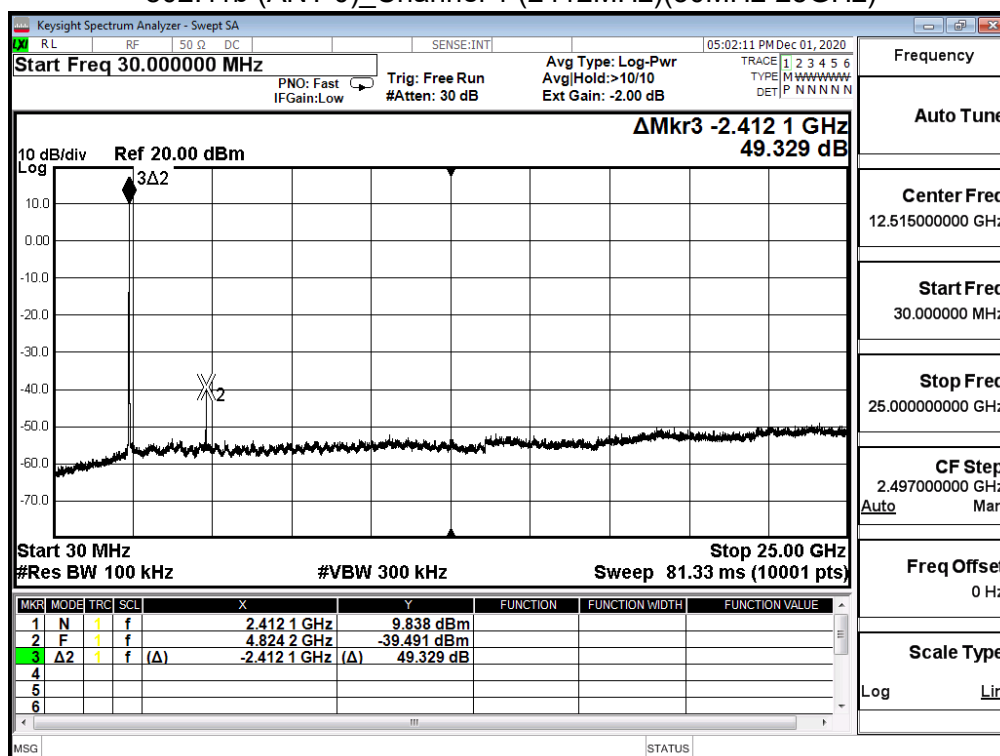
IEEE 802.11g (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.490	≥ 30	Pass
6	2437	39.510	≥ 30	Pass
11	2462	34.133	≥ 30	Pass

IEEE 802.11n(20M)(ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.058	≥ 30	Pass
6	2437	36.879	≥ 30	Pass
11	2462	33.516	≥ 30	Pass

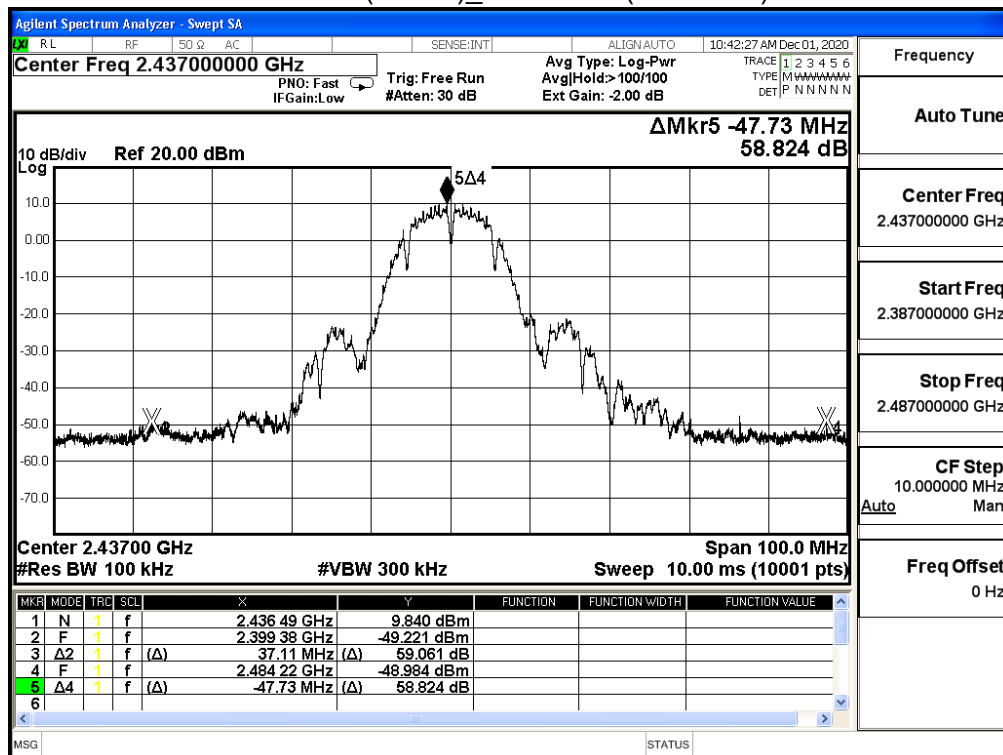
802.11b (ANT 0)_Channel 1 (2412MHz)



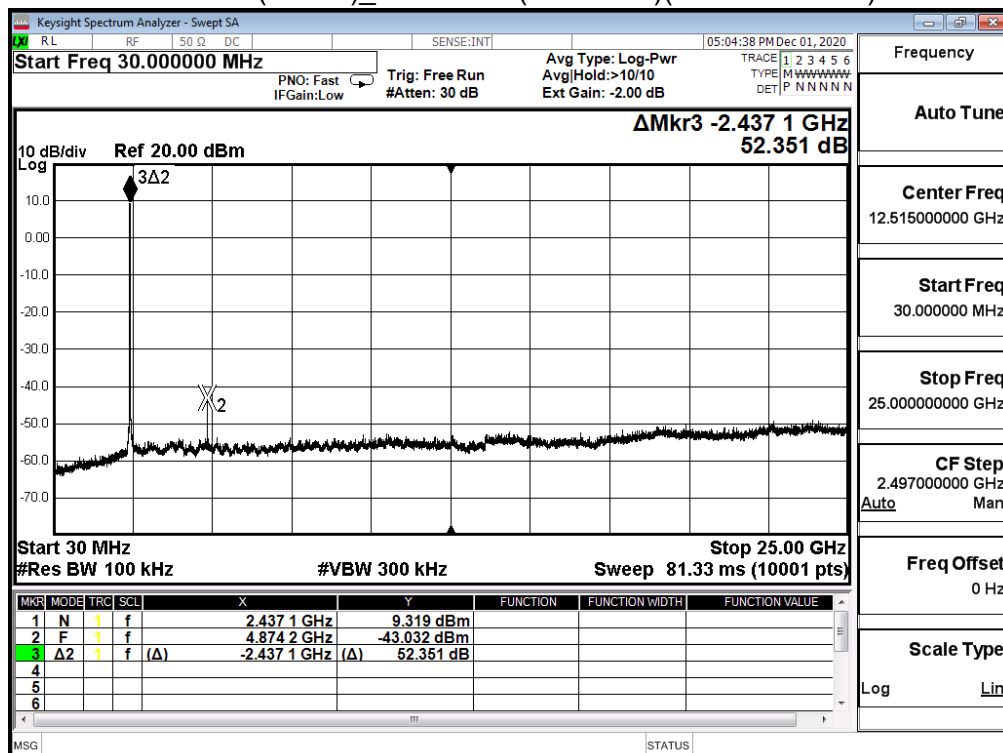
802.11b (ANT 0)_Channel 1 (2412MHz)(30MHz-25GHz)



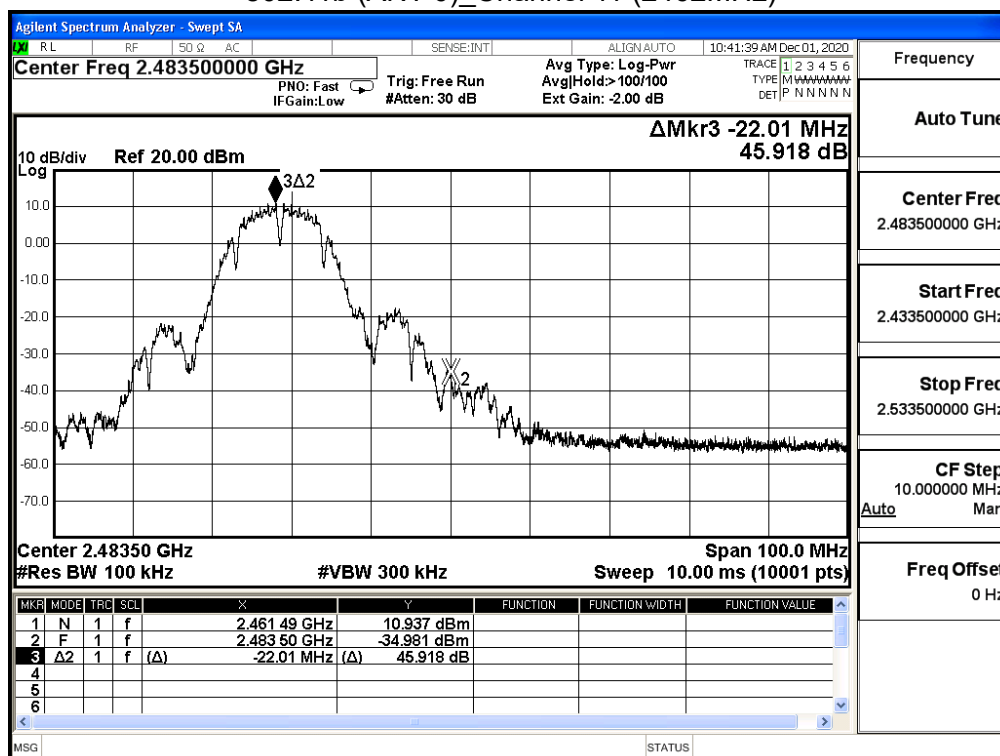
802.11b (ANT 0)_Channel 6 (2437MHz)



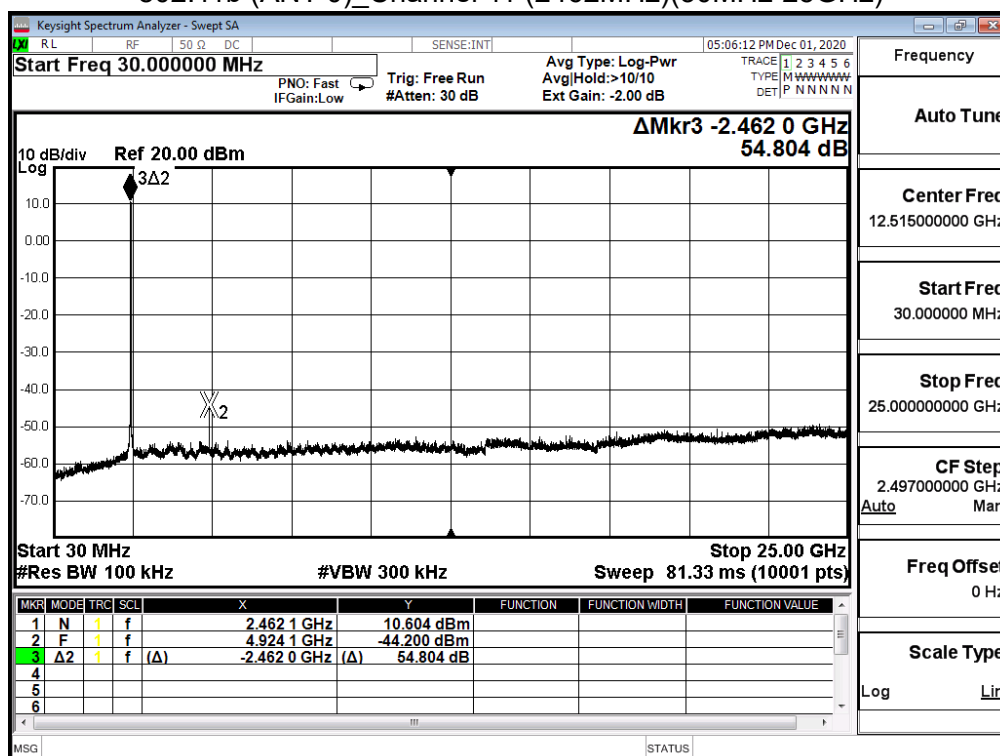
802.11b (ANT 0)_Channel 6 (2437MHz)(30MHz-25GHz)



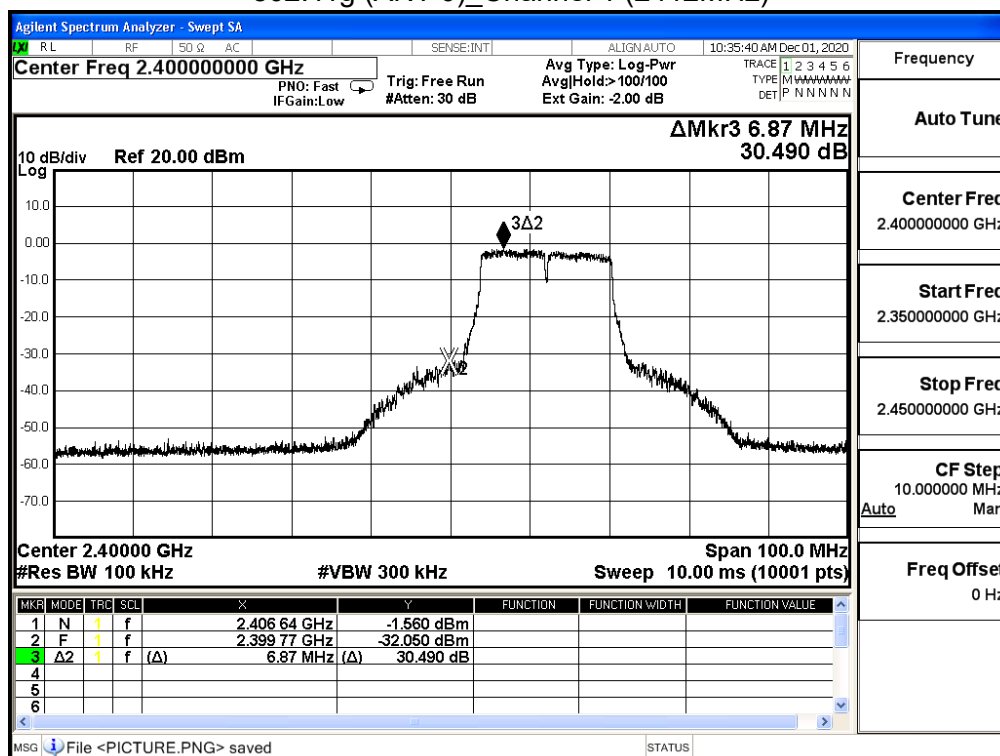
802.11b (ANT 0)_Channel 11 (2462MHz)



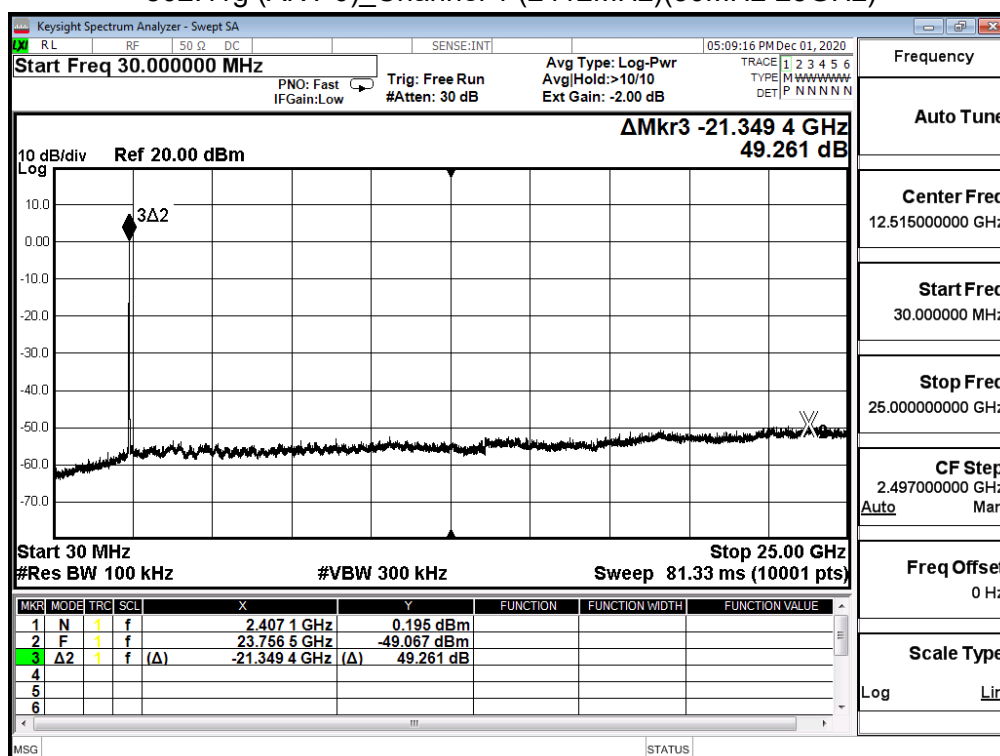
802.11b (ANT 0)_Channel 11 (2462MHz)(30MHz-25GHz)



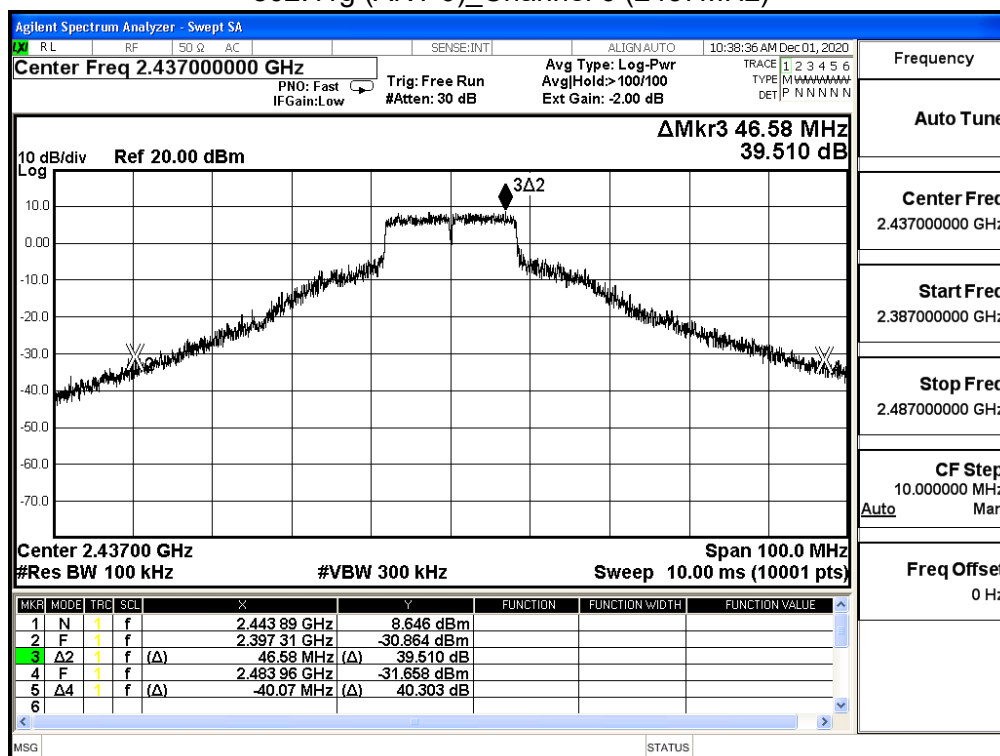
802.11g (ANT 0)_Channel 1 (2412MHz)



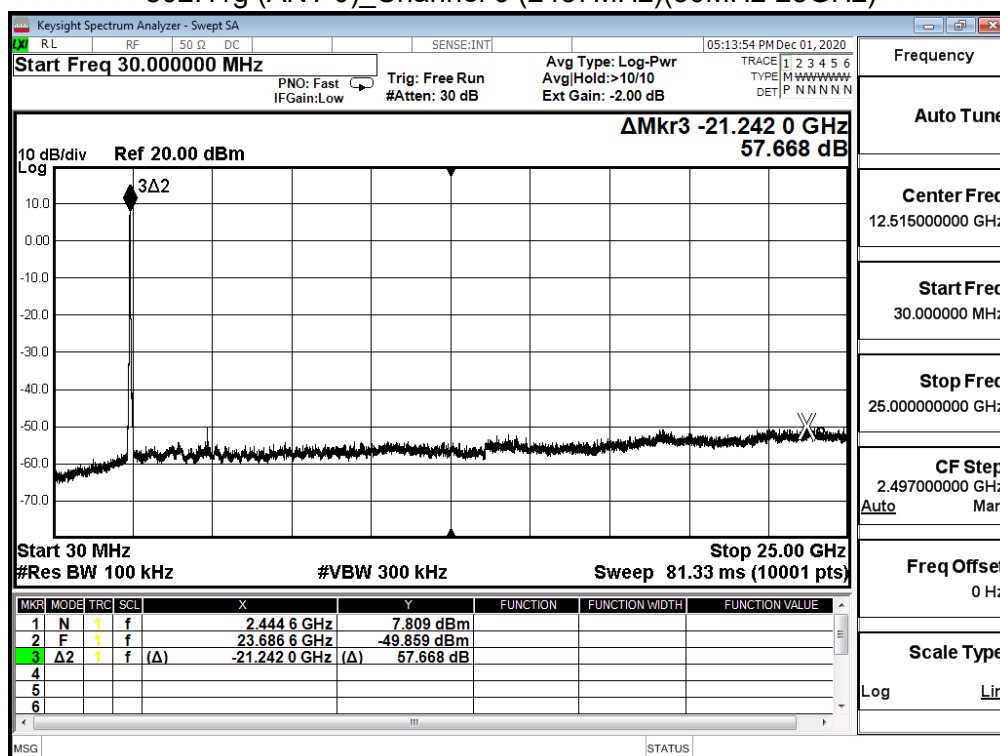
802.11g (ANT 0)_Channel 1 (2412MHz)(30MHz-25GHz)



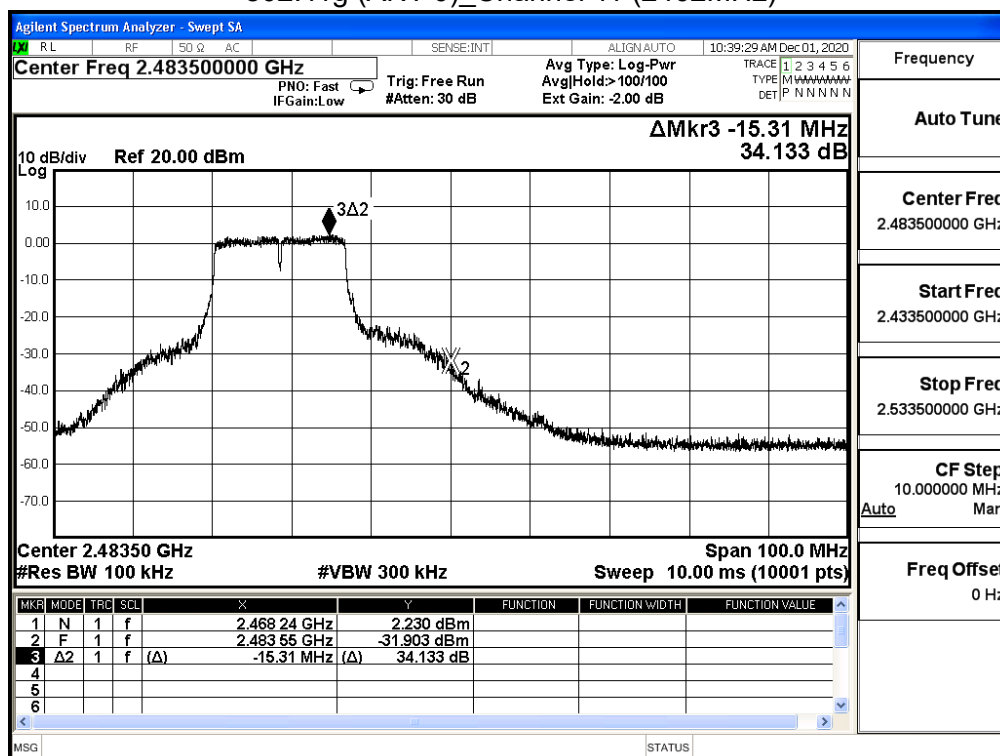
802.11g (ANT 0)_Channel 6 (2437MHz)



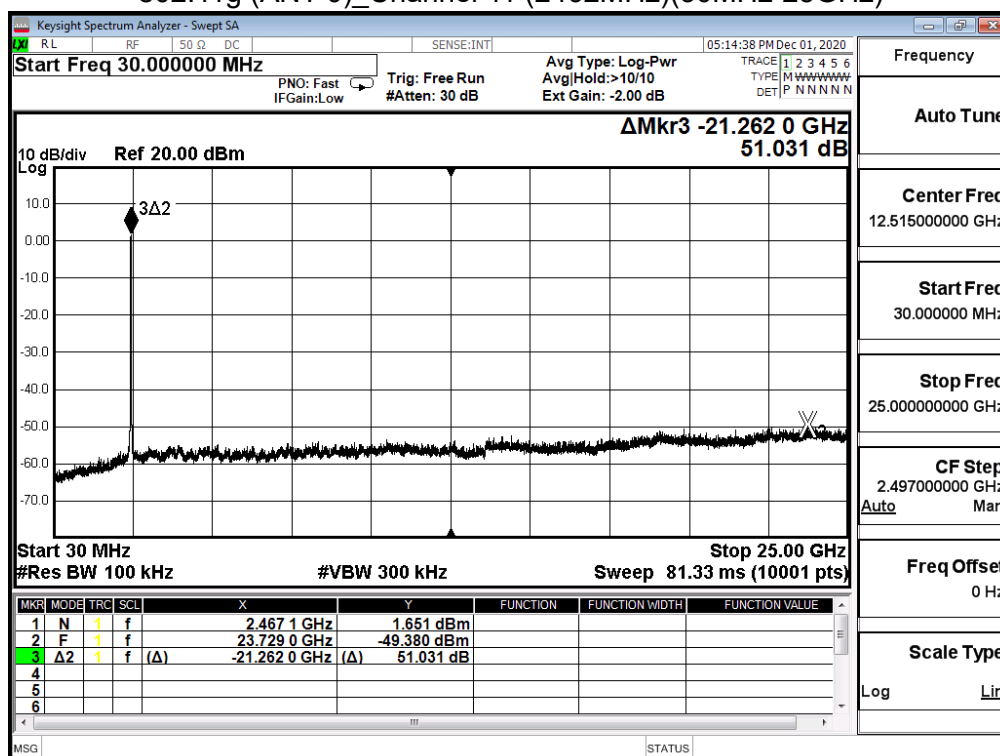
802.11g (ANT 0)_Channel 6 (2437MHz)(30MHz-25GHz)



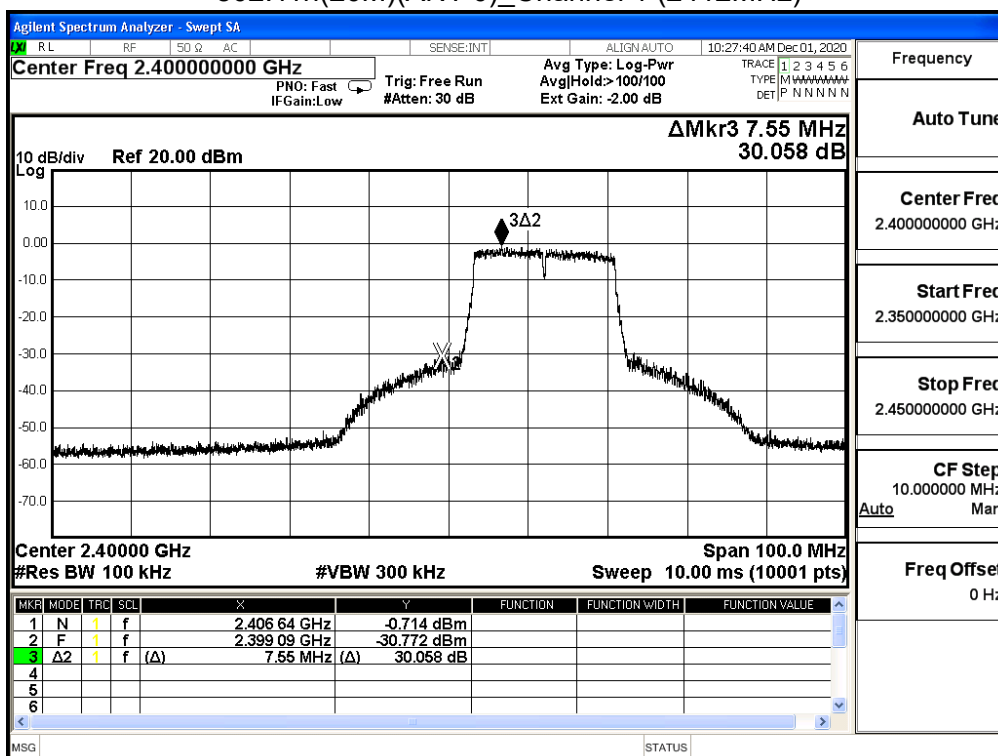
802.11g (ANT 0)_Channel 11 (2462MHz)



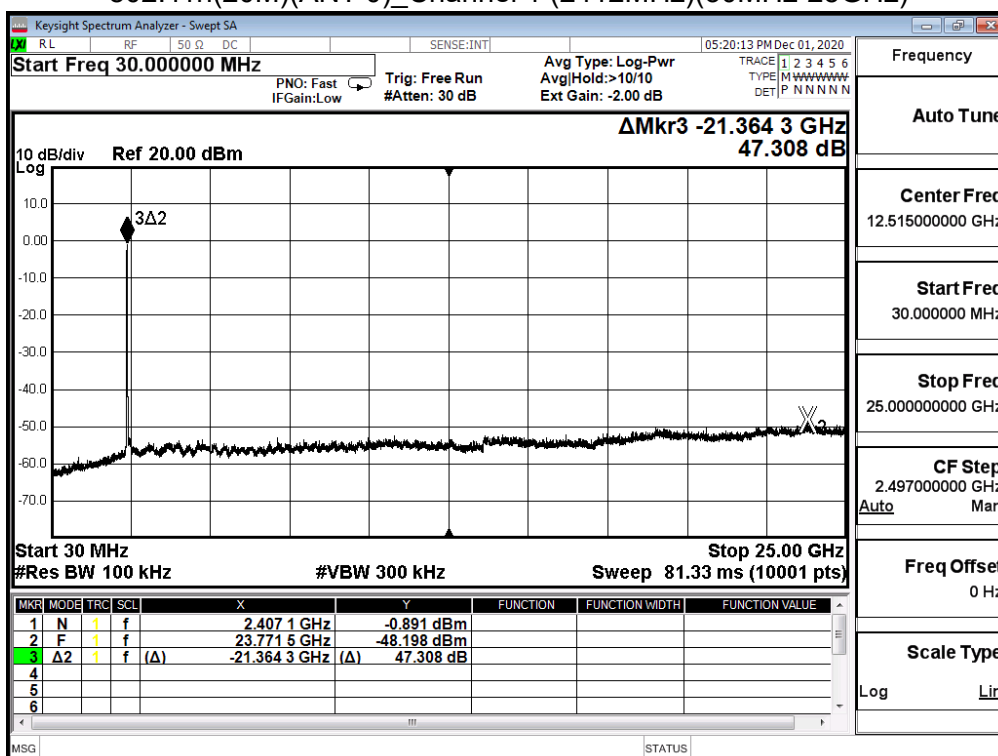
802.11g (ANT 0)_Channel 11 (2462MHz)(30MHz-25GHz)



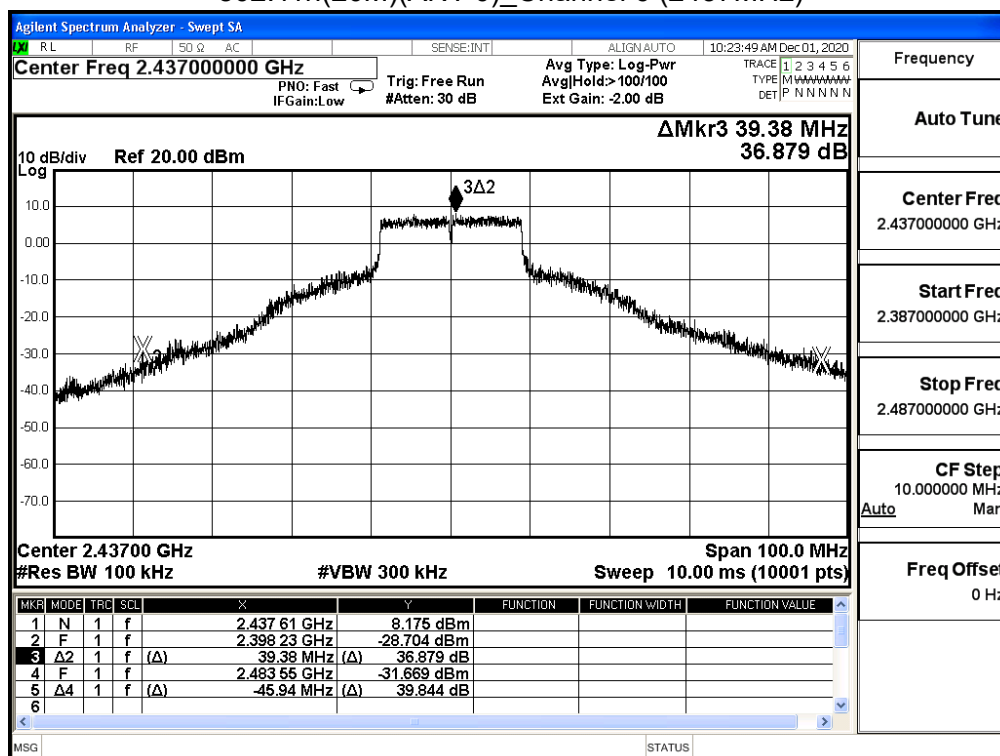
802.11n(20M)(ANT 0)_Channel 1 (2412MHz)



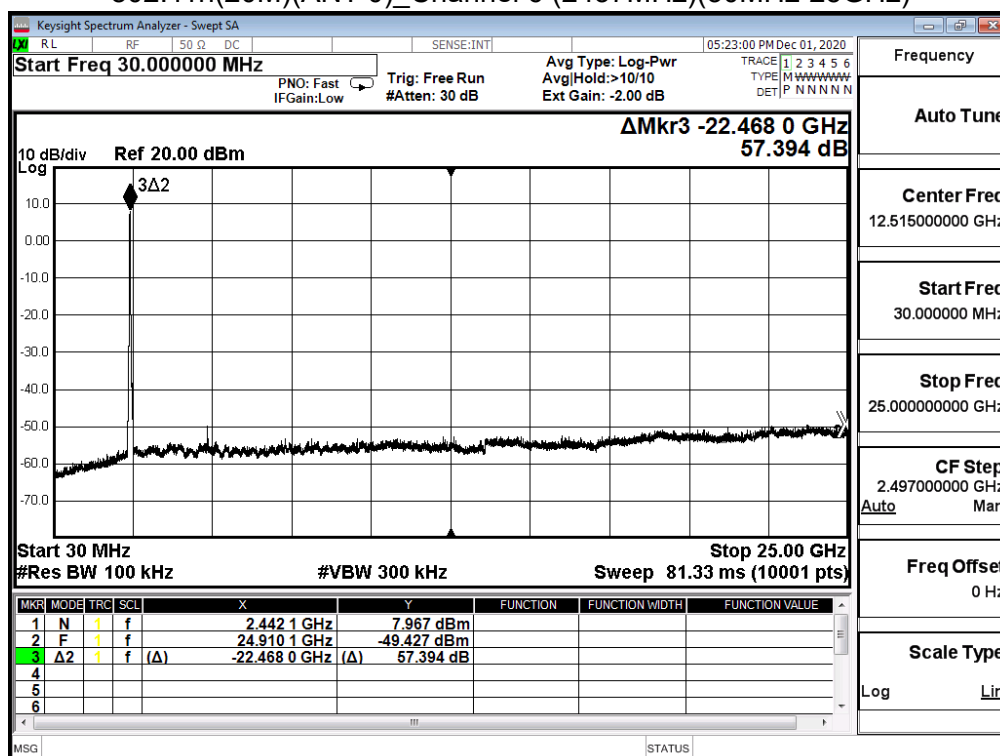
802.11n(20M)(ANT 0)_Channel 1 (2412MHz)(30MHz-25GHz)



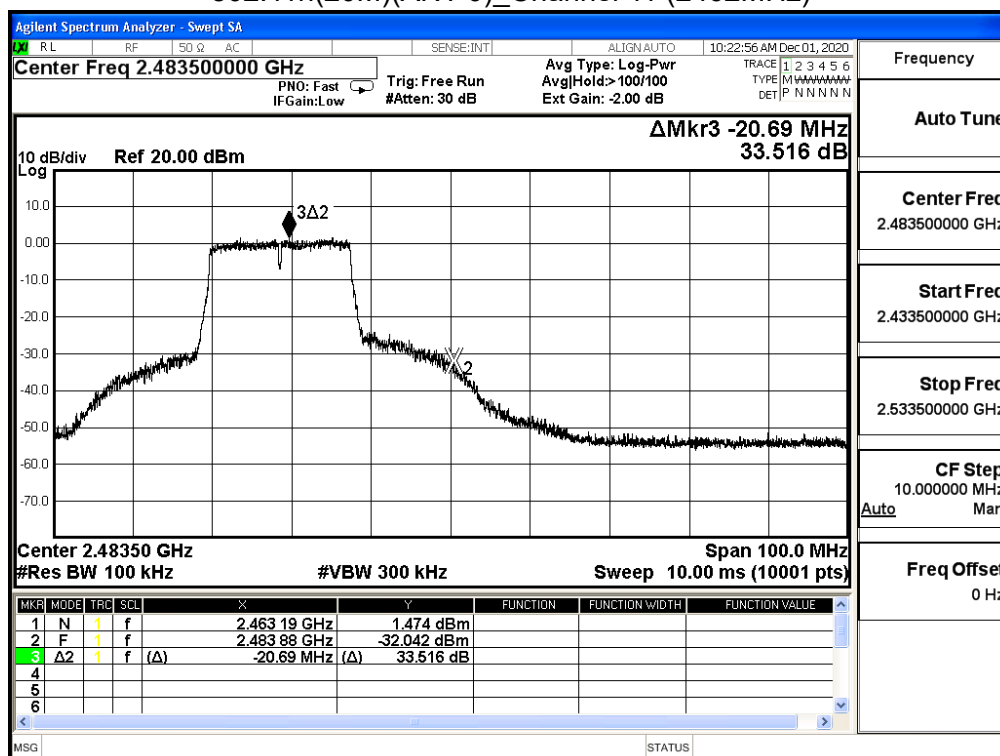
802.11n(20M)(ANT 0)_Channel 6 (2437MHz)



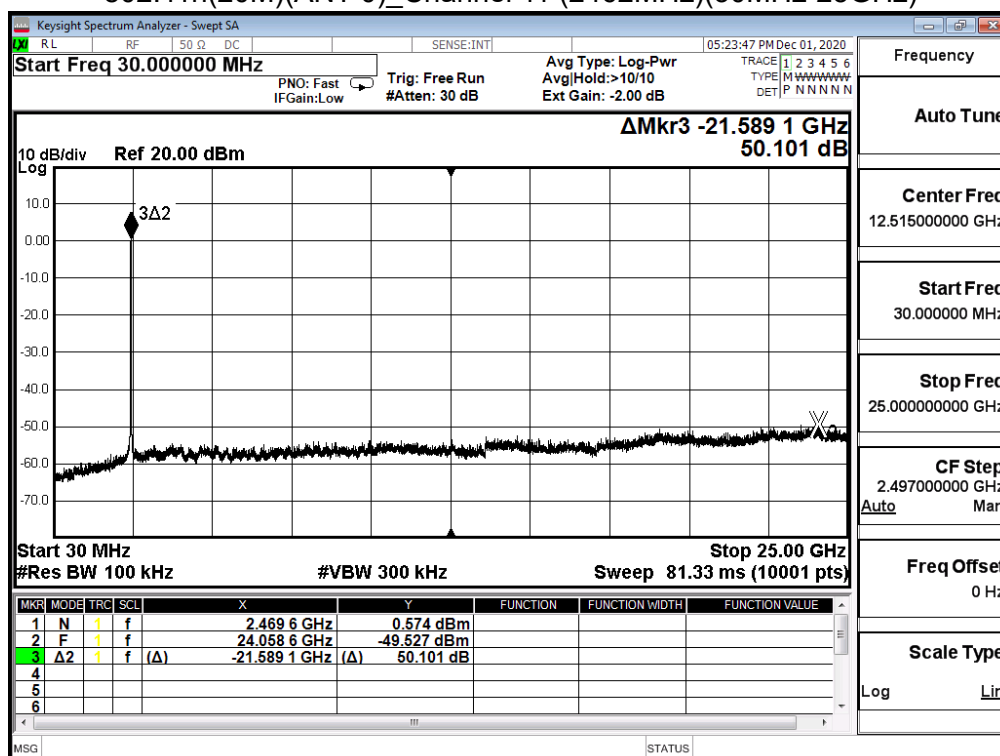
802.11n(20M)(ANT 0)_Channel 6 (2437MHz)(30MHz-25GHz)



802.11n(20M)(ANT 0)_Channel 11 (2462MHz)

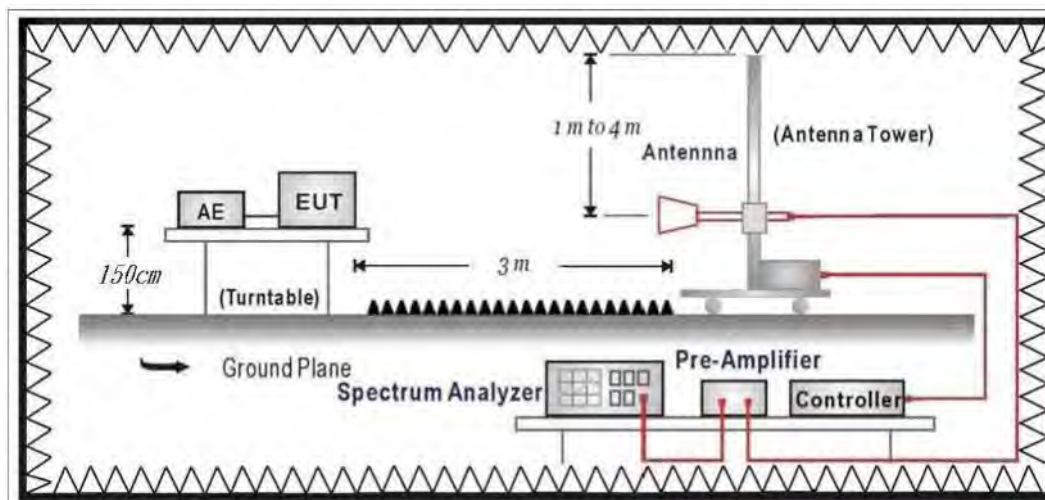


802.11n(20M)(ANT 0)_Channel 11 (2462MHz)(30MHz-25GHz)



6. Radiated Emission Band Edge

6.1. Test Setup



6.2. 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.

6.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074 D01 v05r02 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. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

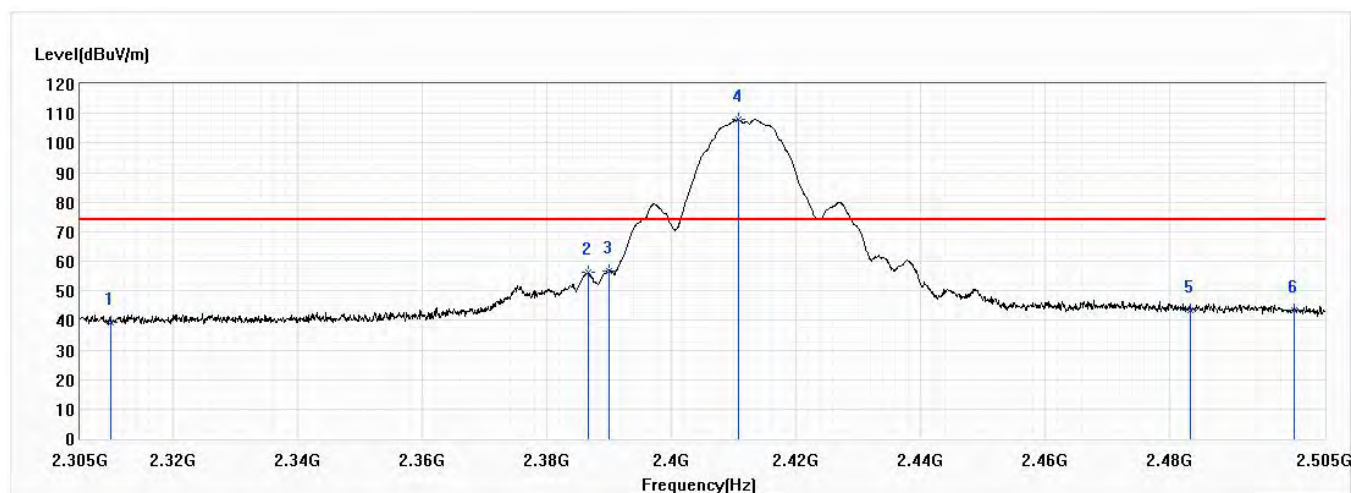
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

6.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

6.5. Test Result

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

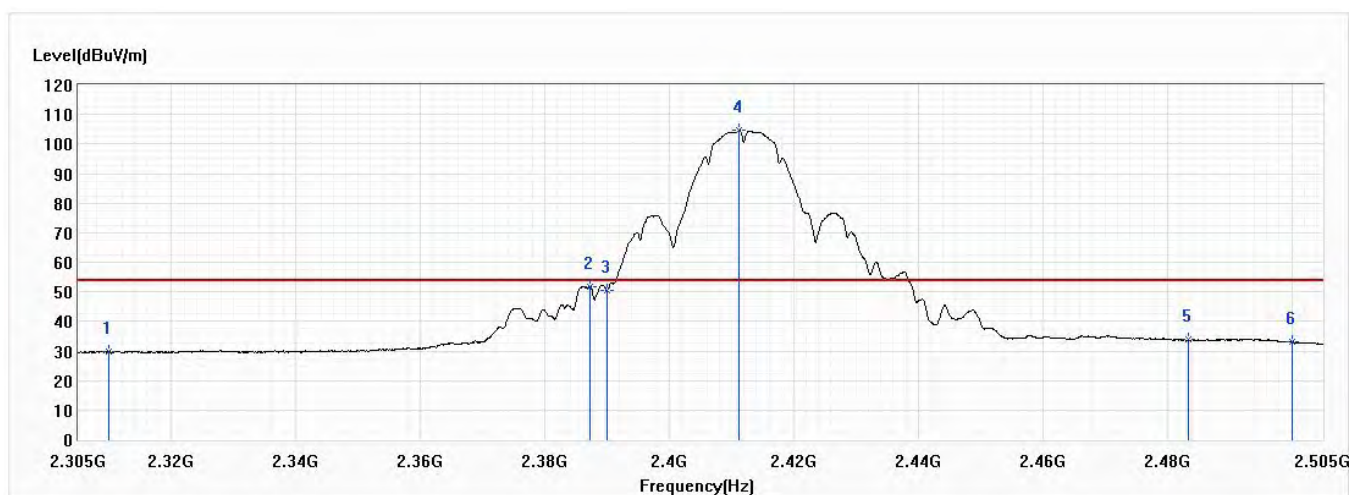


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.13	74.00	-34.87	27.51	11.62	PK
2	2386.600	56.22	74.00	-17.78	44.20	12.02	PK
3	2390.000	56.85	74.00	-17.15	44.82	12.03	PK
! 4	2410.700	107.87	74.00	33.87	95.72	12.15	PK
5	2483.500	43.46	74.00	-30.54	30.95	12.51	PK
6	2500.000	43.31	74.00	-30.69	30.71	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

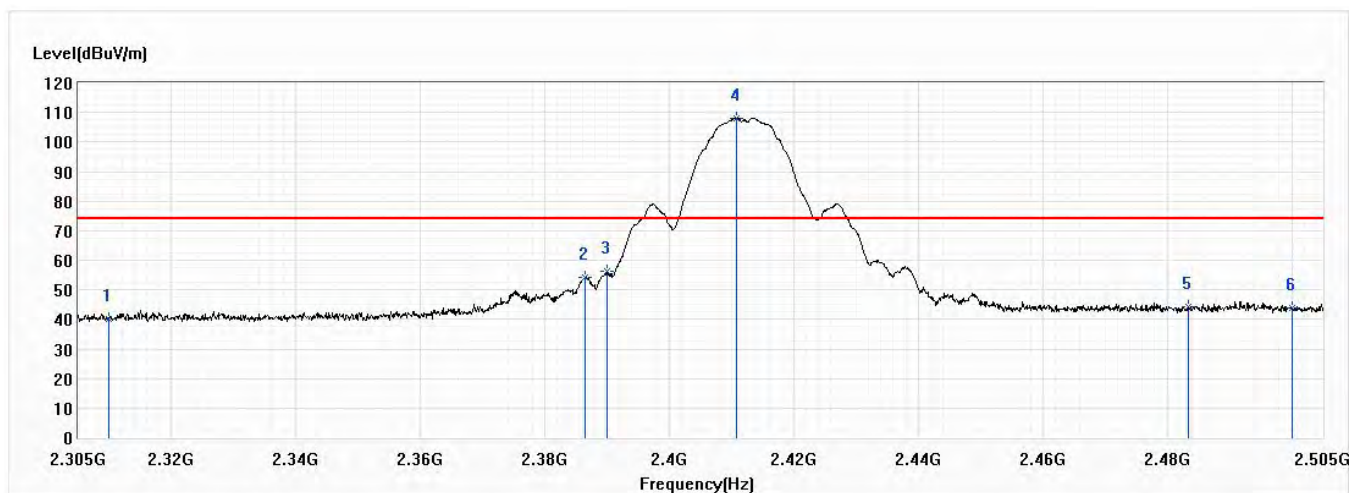


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.67	54.00	-24.33	18.05	11.62	AV
2	2387.300	51.78	54.00	-2.22	39.76	12.02	AV
3	2390.000	50.56	54.00	-3.44	38.53	12.03	AV
! 4	2411.200	104.60	54.00	50.60	92.45	12.15	AV
5	2483.500	33.80	54.00	-20.20	21.29	12.51	AV
6	2500.000	33.20	54.00	-20.80	20.60	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

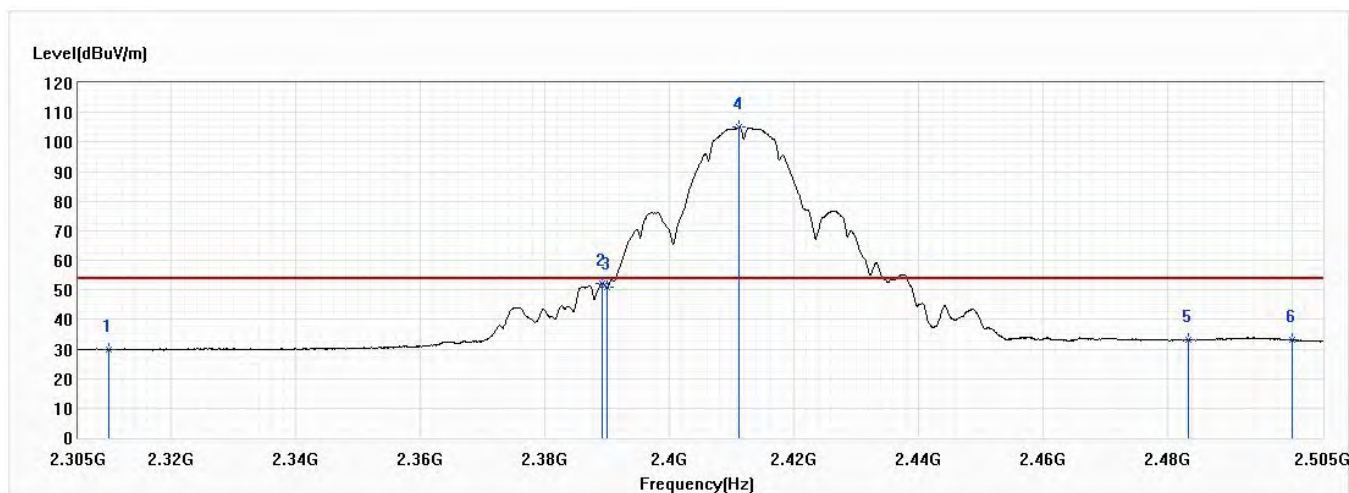


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.02	74.00	-33.98	28.40	11.62	PK
2	2386.400	54.22	74.00	-19.78	42.20	12.02	PK
3	2390.000	56.12	74.00	-17.88	44.09	12.03	PK
! 4	2410.700	108.06	74.00	34.06	95.91	12.15	PK
5	2483.500	44.09	74.00	-29.91	31.58	12.51	PK
6	2500.000	43.91	74.00	-30.09	31.31	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

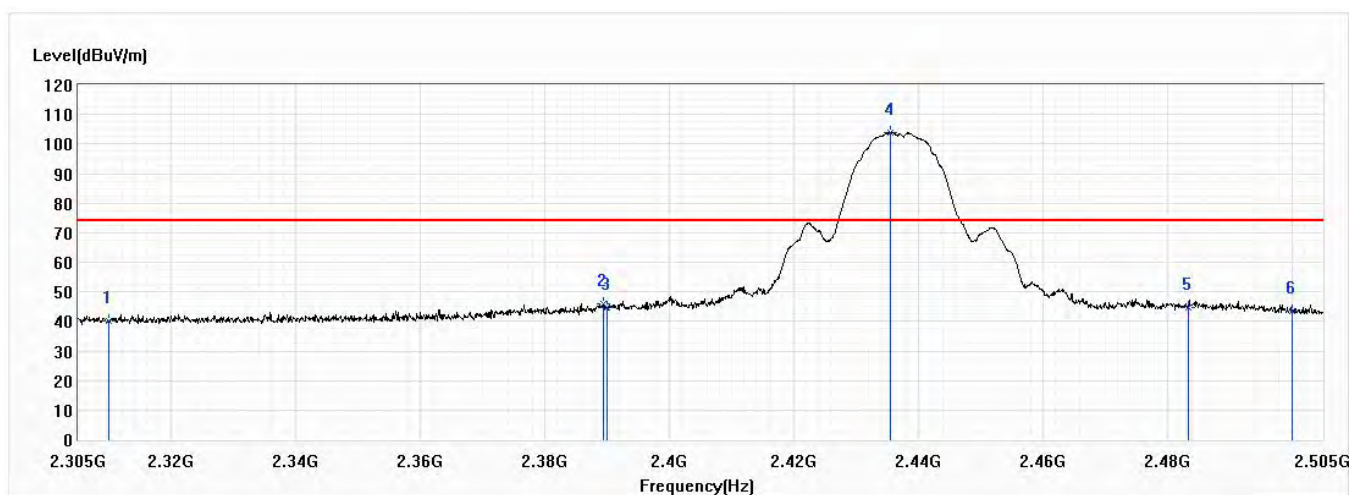


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.94	54.00	-24.06	18.32	11.62	AV
2	2389.200	52.16	54.00	-1.84	40.14	12.02	AV
3	2390.000	50.75	54.00	-3.25	38.72	12.03	AV
! 4	2411.200	105.04	54.00	51.04	92.89	12.15	AV
5	2483.500	33.00	54.00	-21.00	20.49	12.51	AV
6	2500.000	32.91	54.00	-21.09	20.31	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

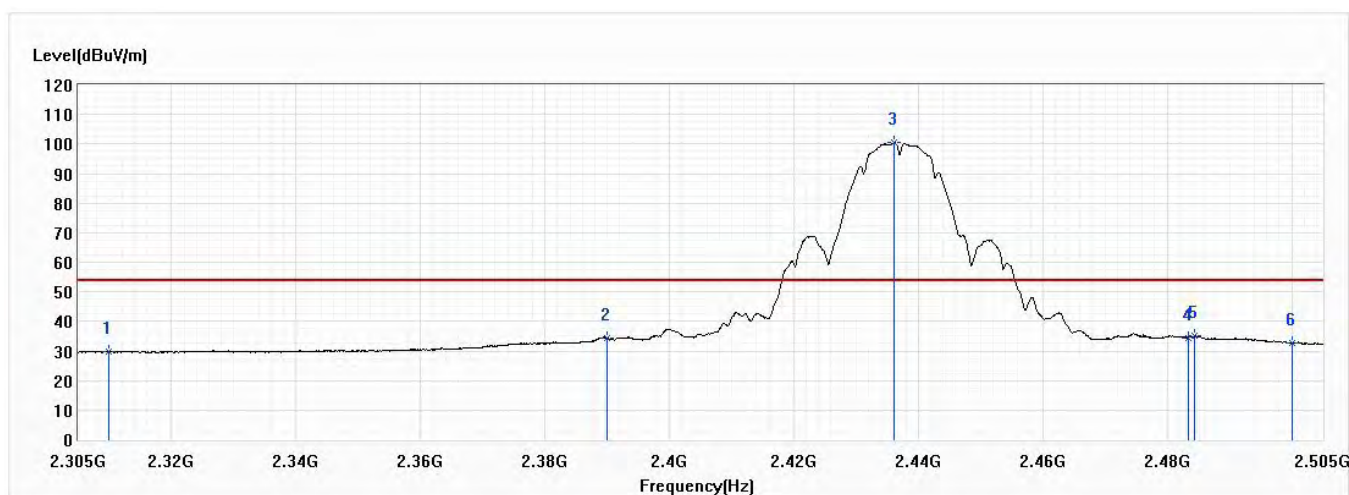


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.15	74.00	-33.85	28.53	11.62	PK
2	2389.400	45.99	74.00	-28.01	33.97	12.02	PK
3	2390.000	44.80	74.00	-29.20	32.77	12.03	PK
! 4	2435.600	104.06	74.00	30.06	91.78	12.28	PK
5	2483.500	44.75	74.00	-29.25	32.24	12.51	PK
6	2500.000	43.31	74.00	-30.69	30.71	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

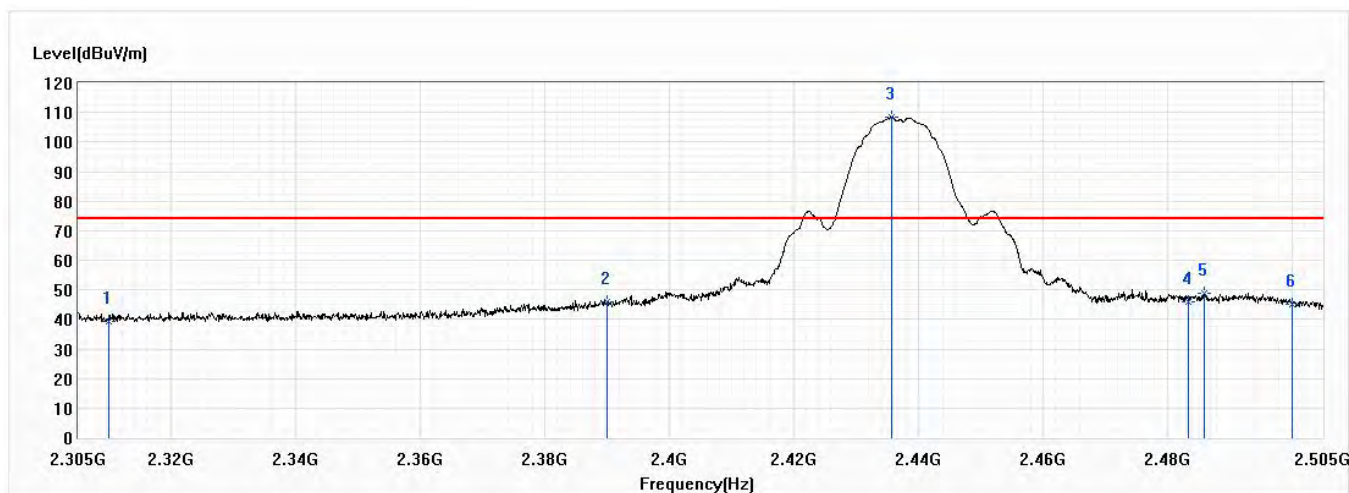


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.63	54.00	-24.37	18.01	11.62	AV
2	2390.000	34.36	54.00	-19.64	22.33	12.03	AV
! 3	2436.200	100.49	54.00	46.49	88.21	12.28	AV
4	2483.500	34.49	54.00	-19.51	21.98	12.51	AV
5	2484.400	35.06	54.00	-18.94	22.54	12.52	AV
6	2500.000	32.68	54.00	-21.32	20.08	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

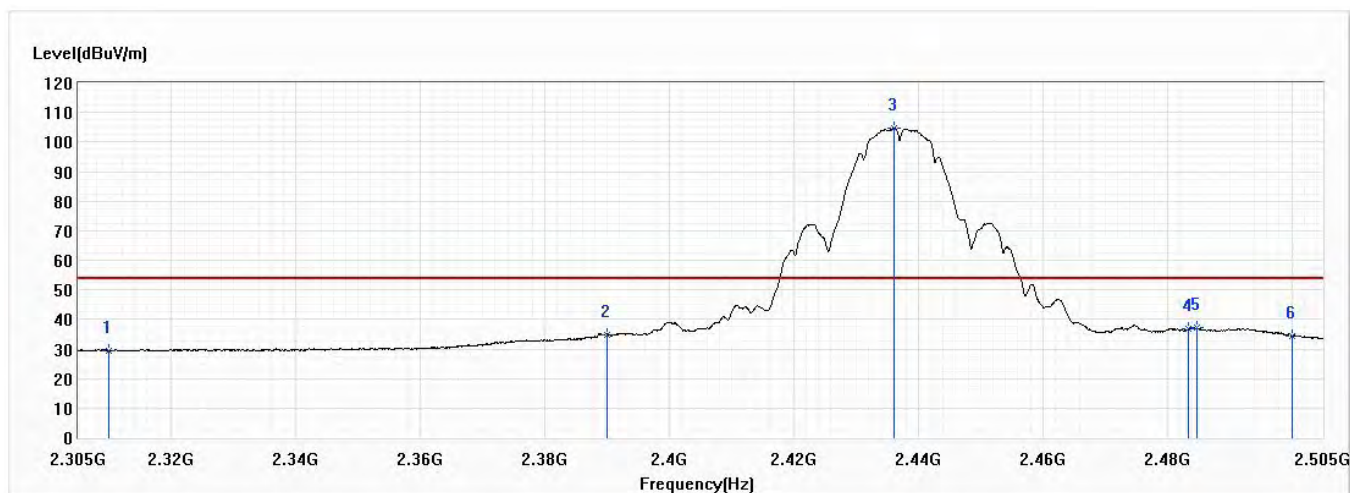


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.49	74.00	-34.51	27.87	11.62	PK
2	2390.000	45.83	74.00	-28.17	33.80	12.03	PK
! 3	2435.800	108.32	74.00	34.32	96.04	12.28	PK
4	2483.500	45.89	74.00	-28.11	33.38	12.51	PK
5	2485.900	48.93	74.00	-25.07	36.40	12.53	PK
6	2500.000	45.07	74.00	-28.93	32.47	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11b,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

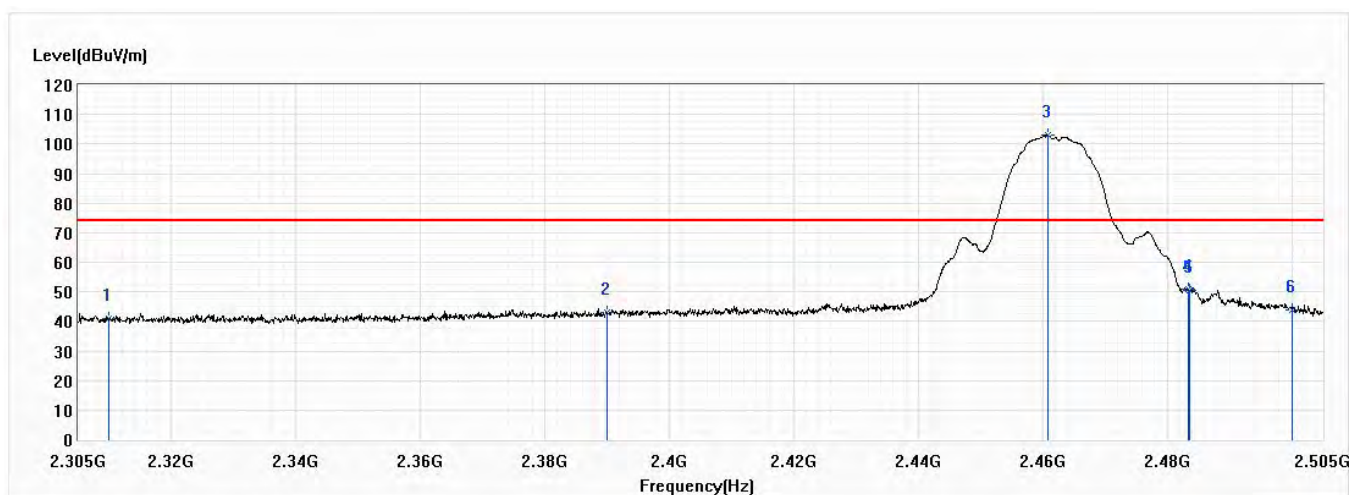


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.56	54.00	-24.44	17.94	11.62	AV
2	2390.000	34.92	54.00	-19.08	22.89	12.03	AV
! 3	2436.200	104.76	54.00	50.76	92.48	12.28	AV
4	2483.500	36.67	54.00	-17.33	24.16	12.51	AV
5	2484.700	37.21	54.00	-16.79	24.69	12.52	AV
6	2500.000	34.55	54.00	-19.45	21.95	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

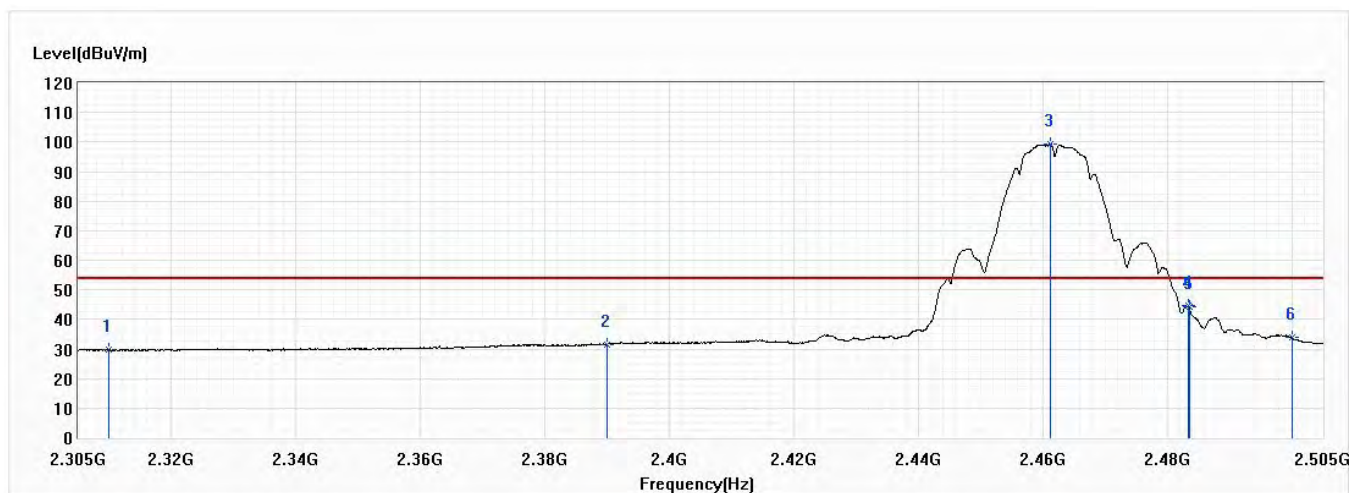


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.79	74.00	-33.21	29.17	11.62	PK
2	2390.000	42.90	74.00	-31.10	30.87	12.03	PK
! 3	2460.800	102.90	74.00	28.90	90.50	12.40	PK
4	2483.500	50.79	74.00	-23.21	38.28	12.51	PK
5	2483.600	50.36	74.00	-23.64	37.85	12.51	PK
6	2500.000	43.92	74.00	-30.08	31.32	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

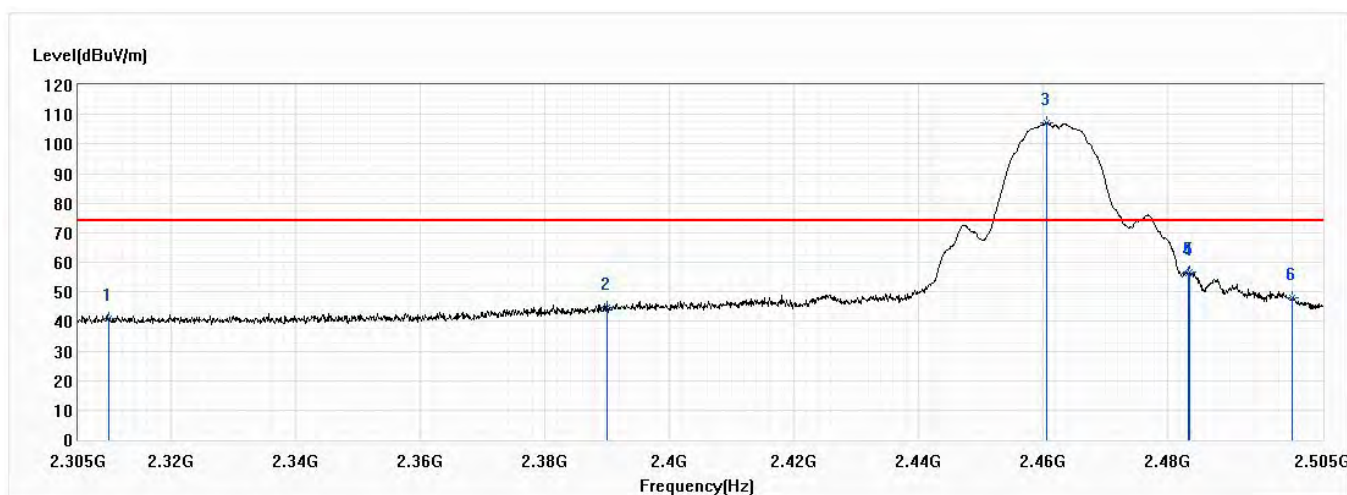


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.68	54.00	-24.32	18.06	11.62	AV
2	2390.000	31.61	54.00	-22.39	19.58	12.03	AV
! 3	2461.200	99.35	54.00	45.35	86.95	12.40	AV
4	2483.500	44.54	54.00	-9.46	32.03	12.51	AV
5	2483.600	44.10	54.00	-9.90	31.59	12.51	AV
6	2500.000	33.93	54.00	-20.07	21.33	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

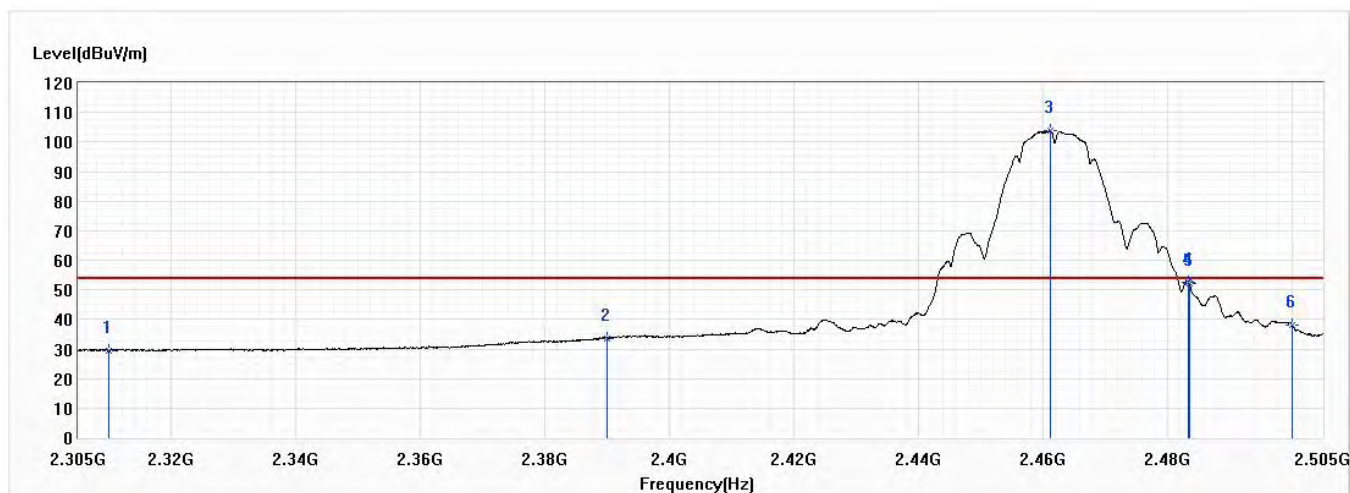


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.87	74.00	-33.13	29.25	11.62	PK
2	2390.000	44.68	74.00	-29.32	32.65	12.03	PK
! 3	2460.600	107.00	74.00	33.00	94.60	12.40	PK
4	2483.500	56.22	74.00	-17.78	43.71	12.51	PK
5	2483.600	56.76	74.00	-17.24	44.25	12.51	PK
6	2500.000	47.87	74.00	-26.13	35.27	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	23.0
Test Condition	SISO,802.11b,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	57.0

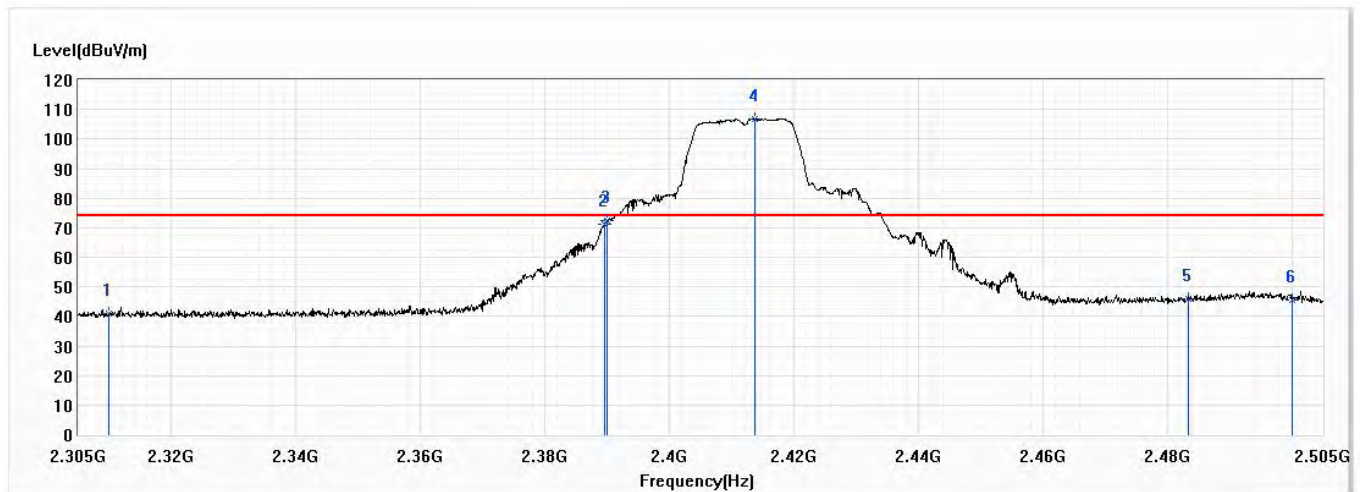


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.53	54.00	-24.47	17.91	11.62	AV
2	2390.000	33.68	54.00	-20.32	21.65	12.03	AV
! 3	2461.200	103.84	54.00	49.84	91.44	12.40	AV
4	2483.500	52.53	54.00	-1.47	40.02	12.51	AV
5	2483.600	52.15	54.00	-1.85	39.64	12.51	AV
6	2500.000	38.16	54.00	-15.84	25.56	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

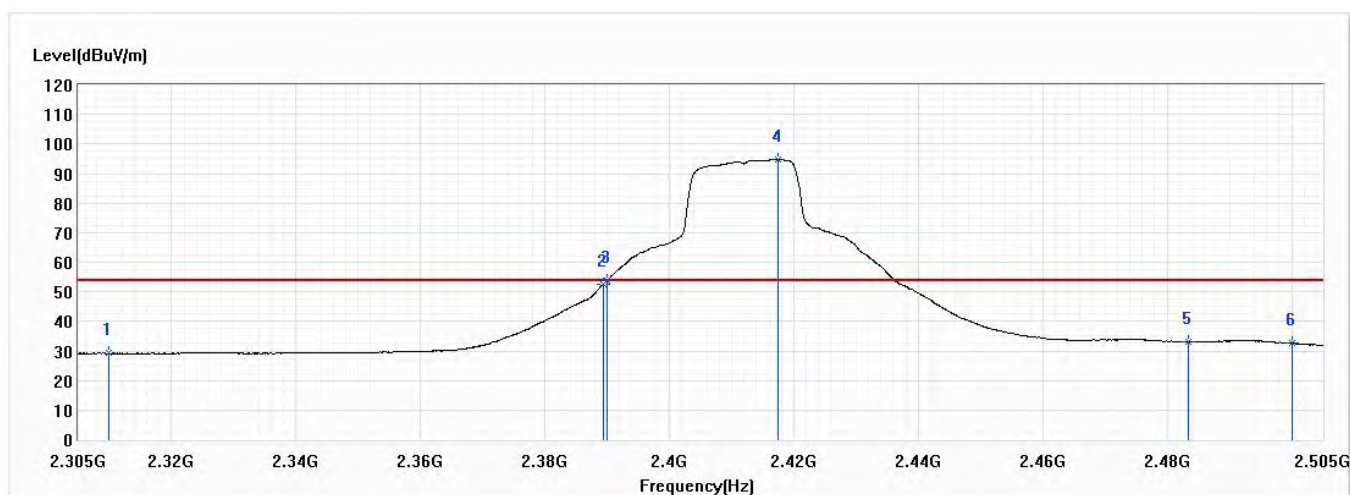


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.17	74.00	-32.83	29.55	11.62	PK
2	2389.500	71.04	74.00	-2.96	59.02	12.02	PK
3	2390.000	72.22	74.00	-1.78	60.19	12.03	PK
! 4	2413.800	106.86	74.00	32.86	94.71	12.15	PK
5	2483.500	46.04	74.00	-27.96	33.53	12.51	PK
6	2500.000	45.32	74.00	-28.68	32.72	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

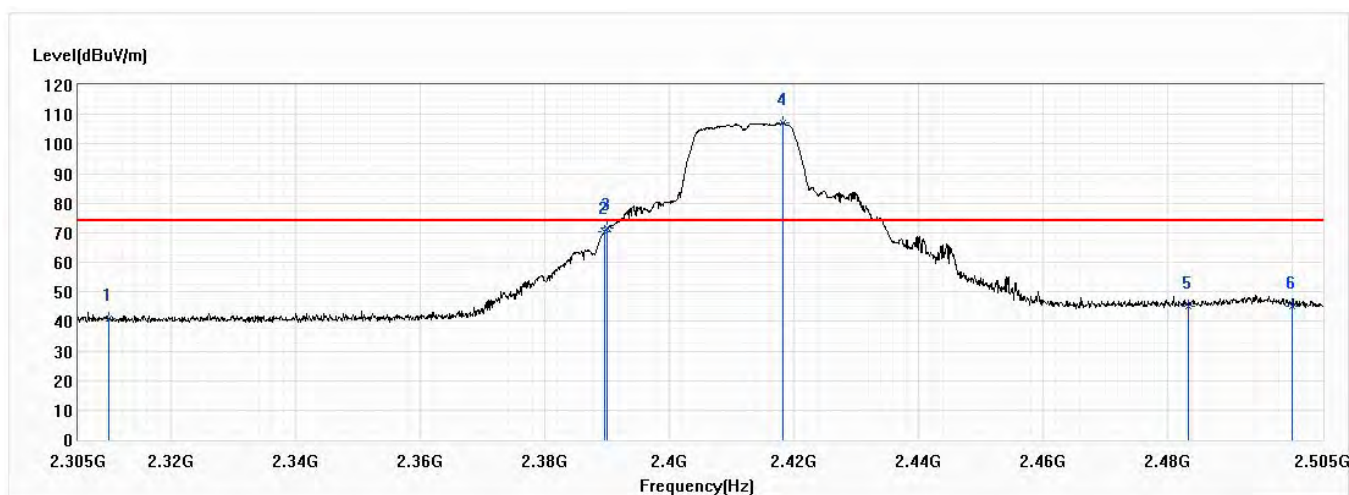


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.21	54.00	-24.79	17.59	11.62	AV
2	2389.300	52.38	54.00	-1.62	40.36	12.02	AV
3	2390.000	53.94	54.00	-0.06	41.91	12.03	AV
! 4	2417.500	94.81	54.00	40.81	82.64	12.17	AV
5	2483.500	33.19	54.00	-20.81	20.68	12.51	AV
6	2500.000	32.59	54.00	-21.41	19.99	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

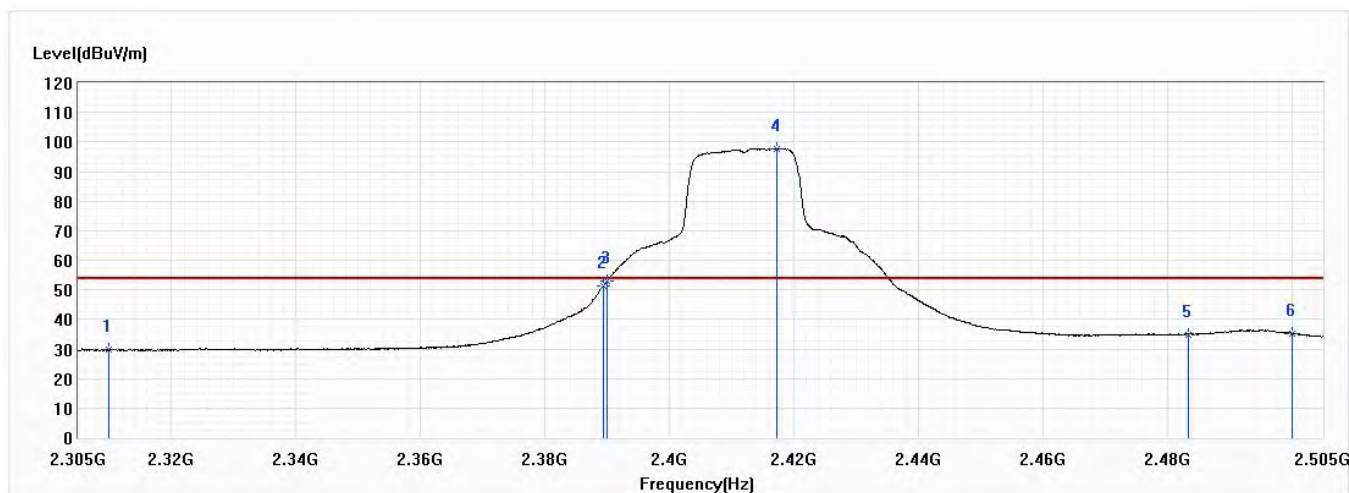


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.83	74.00	-33.17	29.21	11.62	PK
2	2389.500	70.39	74.00	-3.61	58.37	12.02	PK
3	2390.000	71.58	74.00	-2.42	59.55	12.03	PK
! 4	2418.300	107.03	74.00	33.03	94.85	12.18	PK
5	2483.500	45.19	74.00	-28.81	32.68	12.51	PK
6	2500.000	45.18	74.00	-28.82	32.58	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

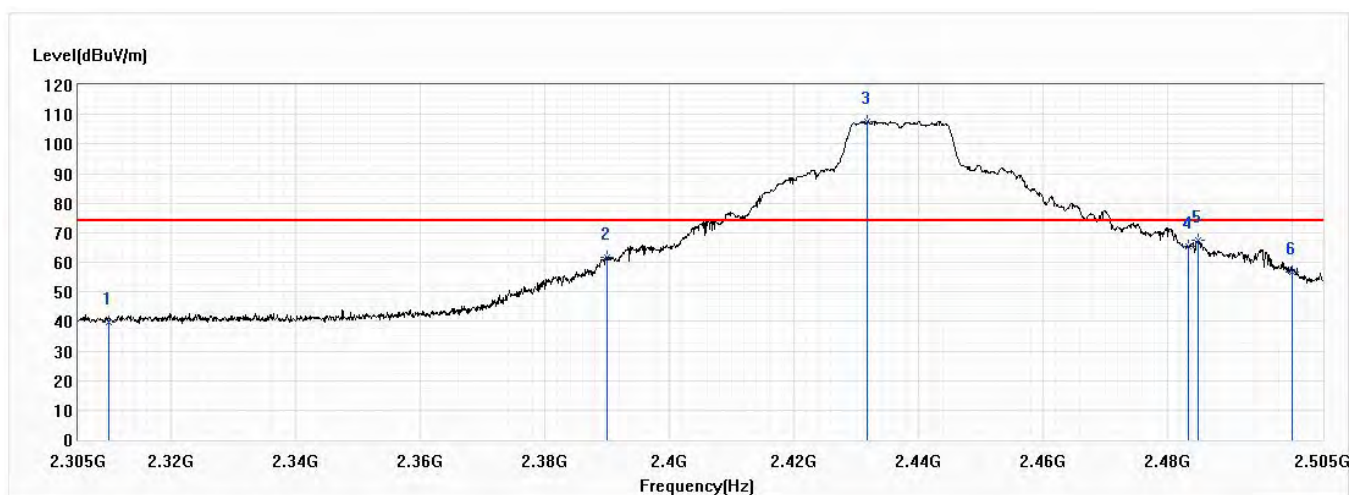


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.61	54.00	-24.39	17.99	11.62	AV
2	2389.400	51.34	54.00	-2.66	39.32	12.02	AV
3	2390.000	53.01	54.00	-0.99	40.98	12.03	AV
! 4	2417.200	97.80	54.00	43.80	85.63	12.17	AV
5	2483.500	34.90	54.00	-19.10	22.39	12.51	AV
6	2500.000	35.33	54.00	-18.67	22.73	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

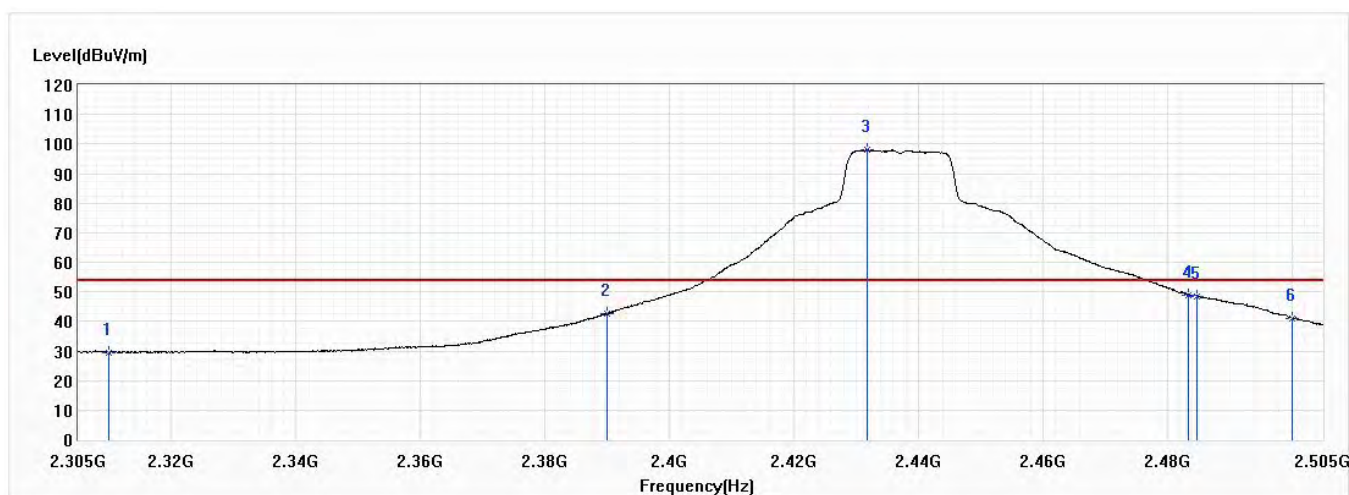


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.92	74.00	-34.08	28.30	11.62	PK
2	2390.000	61.48	74.00	-12.52	49.45	12.03	PK
! 3	2431.800	107.68	74.00	33.68	95.43	12.25	PK
4	2483.500	65.37	74.00	-8.63	52.86	12.51	PK
5	2485.000	67.40	74.00	-6.60	54.88	12.52	PK
6	2500.000	56.65	74.00	-17.35	44.05	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

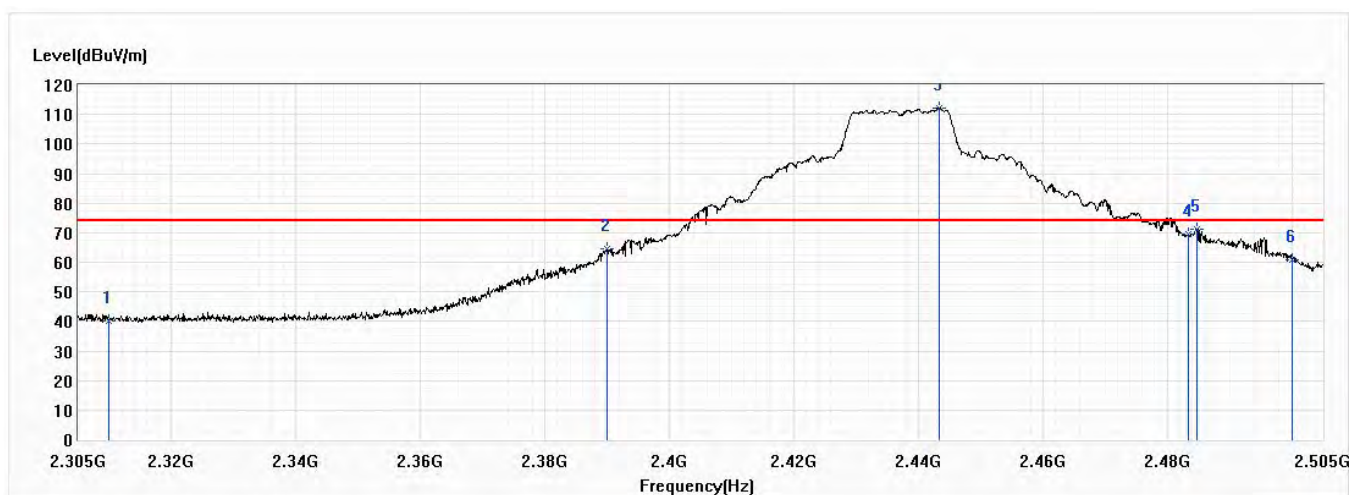


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.48	54.00	-24.52	17.86	11.62	AV
2	2390.000	42.57	54.00	-11.43	30.54	12.03	AV
! 3	2431.800	97.97	54.00	43.97	85.72	12.25	AV
4	2483.500	49.01	54.00	-4.99	36.50	12.51	AV
5	2484.700	48.60	54.00	-5.40	36.08	12.52	AV
6	2500.000	41.05	54.00	-12.95	28.45	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

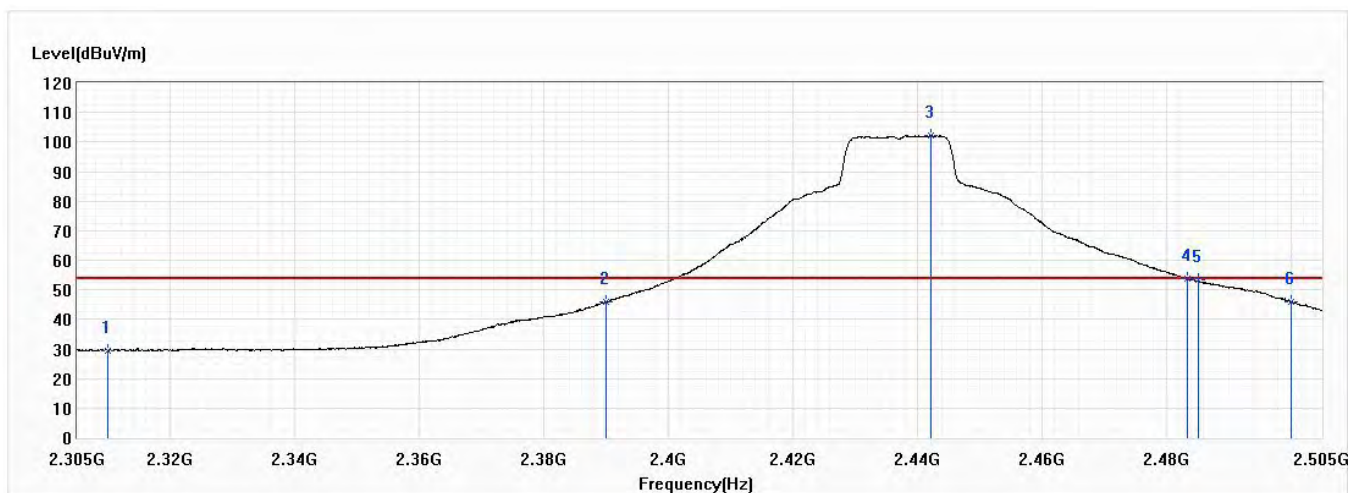


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.17	74.00	-33.83	28.55	11.62	PK
2	2390.000	64.51	74.00	-9.49	52.48	12.03	PK
! 3	2443.300	112.22	74.00	38.22	99.92	12.30	PK
4	2483.500	69.37	74.00	-4.63	56.86	12.51	PK
5	2484.700	71.21	74.00	-2.79	58.69	12.52	PK
6	2500.000	60.87	74.00	-13.13	48.27	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

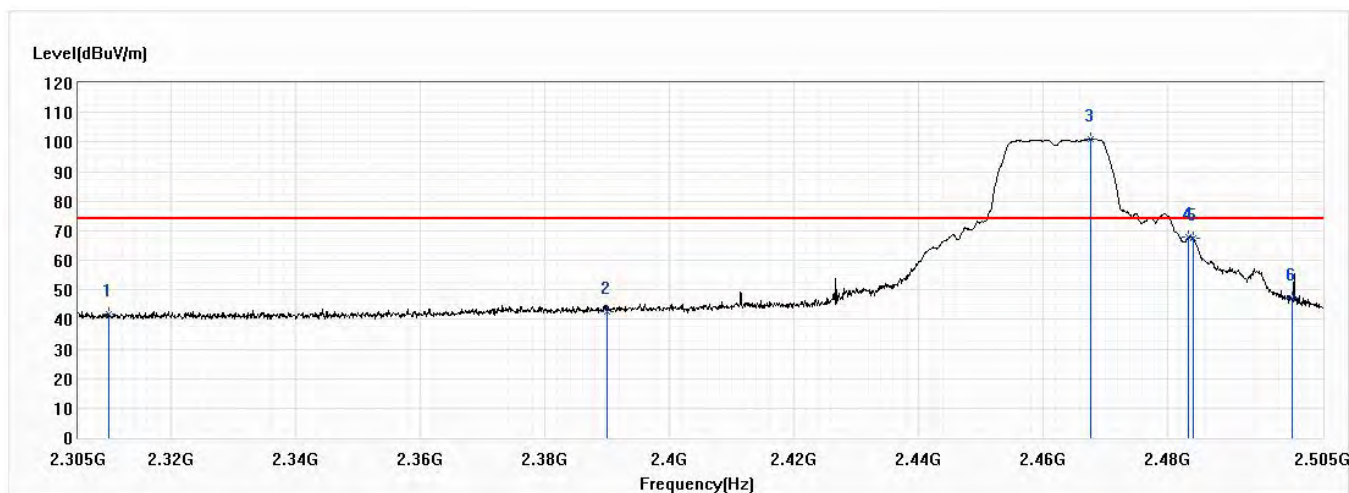


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.57	54.00	-24.43	17.95	11.62	AV
2	2390.000	46.01	54.00	-7.99	33.98	12.03	AV
! 3	2442.200	102.16	54.00	48.16	89.86	12.30	AV
4	2483.500	53.63	54.00	-0.37	41.12	12.51	AV
5	2485.100	53.30	54.00	-0.70	40.78	12.52	AV
6	2500.000	45.83	54.00	-8.17	33.23	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

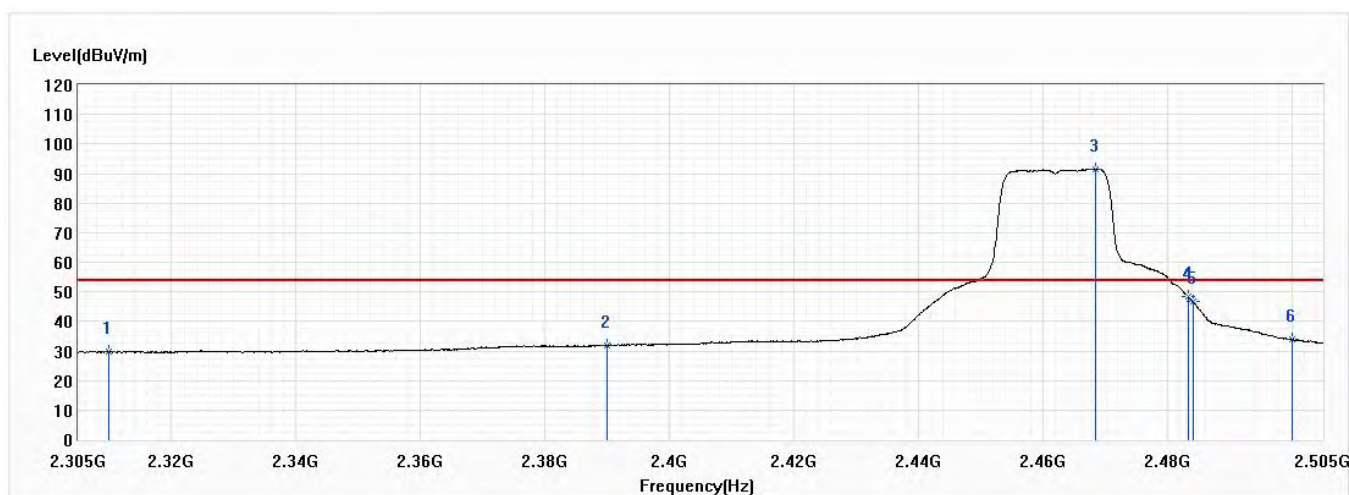


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.61	74.00	-32.39	29.99	11.62	PK
2	2390.000	42.78	74.00	-31.22	30.75	12.03	PK
! 3	2467.800	100.99	74.00	26.99	88.56	12.43	PK
4	2483.500	67.71	74.00	-6.29	55.20	12.51	PK
5	2484.200	67.27	74.00	-6.73	54.76	12.51	PK
6	2500.000	47.16	74.00	-26.84	34.56	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

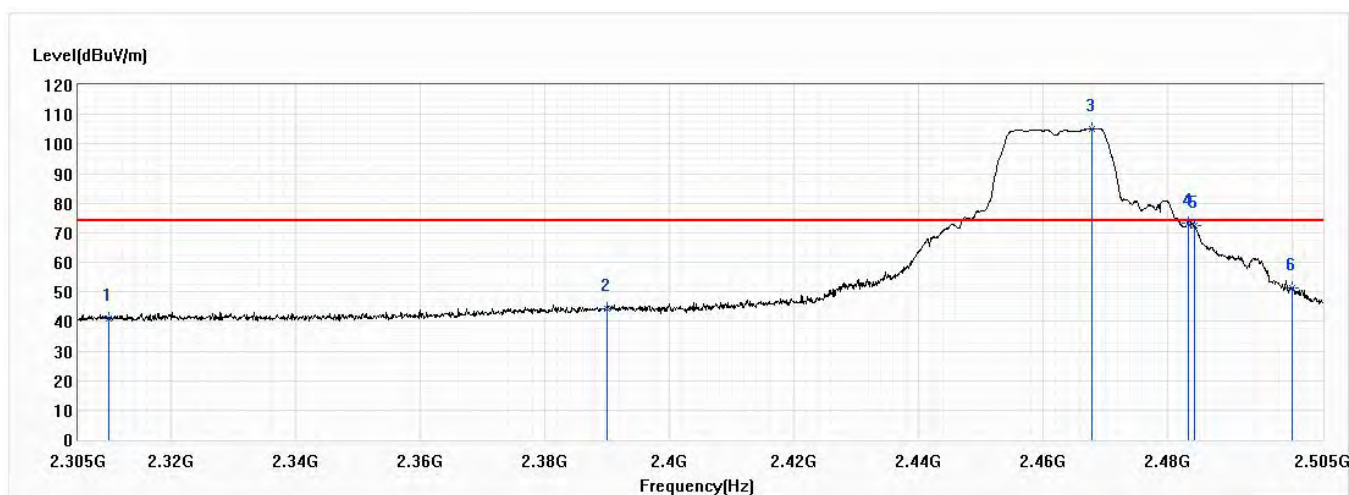


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.79	54.00	-24.21	18.17	11.62	AV
2	2390.000	31.90	54.00	-22.10	19.87	12.03	AV
! 3	2468.500	91.55	54.00	37.55	79.12	12.43	AV
4	2483.500	48.24	54.00	-5.76	35.73	12.51	AV
5	2484.200	46.57	54.00	-7.43	34.06	12.51	AV
6	2500.000	33.74	54.00	-20.26	21.14	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

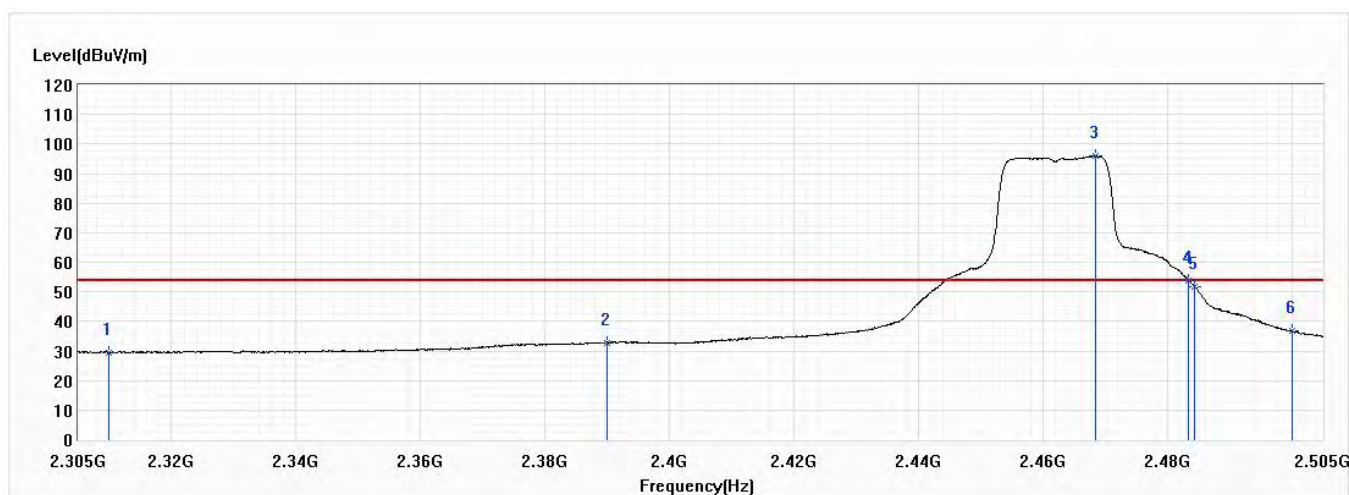


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.85	74.00	-33.15	29.23	11.62	PK
2	2390.000	44.22	74.00	-29.78	32.19	12.03	PK
! 3	2468.000	105.27	74.00	31.27	92.84	12.43	PK
4	2483.500	73.44	74.00	-0.56	60.93	12.51	PK
5	2484.400	72.21	74.00	-1.79	59.69	12.52	PK
6	2500.000	51.45	74.00	-22.55	38.85	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/26
Test Mode	Mode 1: Transmit Mode	Engineer	Marisa Chen
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11g,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

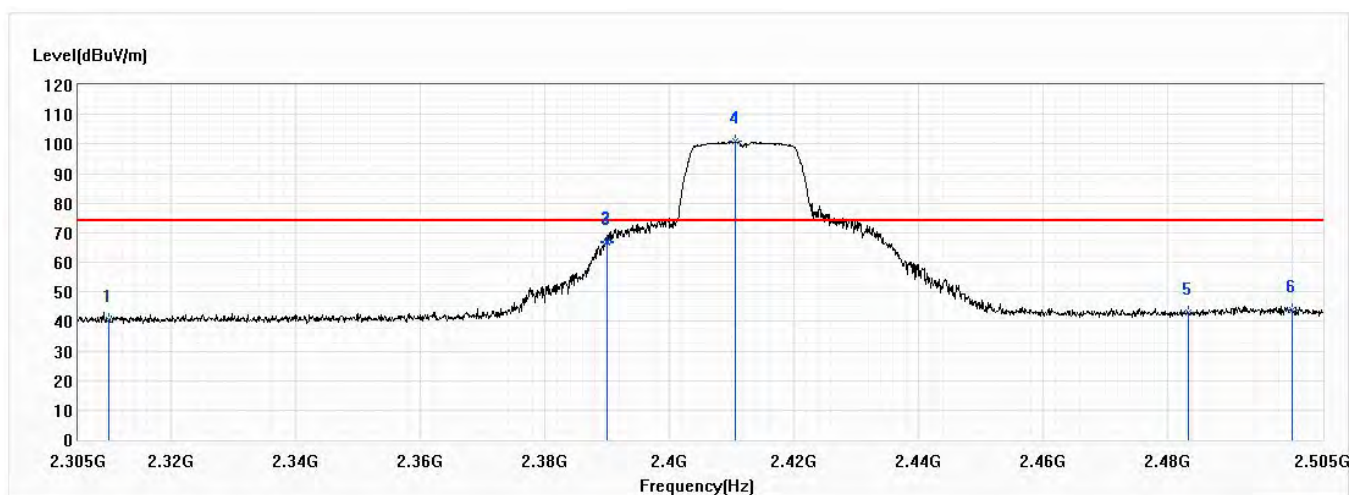


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.43	54.00	-24.57	17.81	11.62	AV
2	2390.000	32.82	54.00	-21.18	20.79	12.03	AV
! 3	2468.500	95.97	54.00	41.97	83.54	12.43	AV
4	2483.500	53.92	54.00	-0.08	41.41	12.51	AV
5	2484.400	51.88	54.00	-2.12	39.36	12.52	AV
6	2500.000	36.72	54.00	-17.28	24.12	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

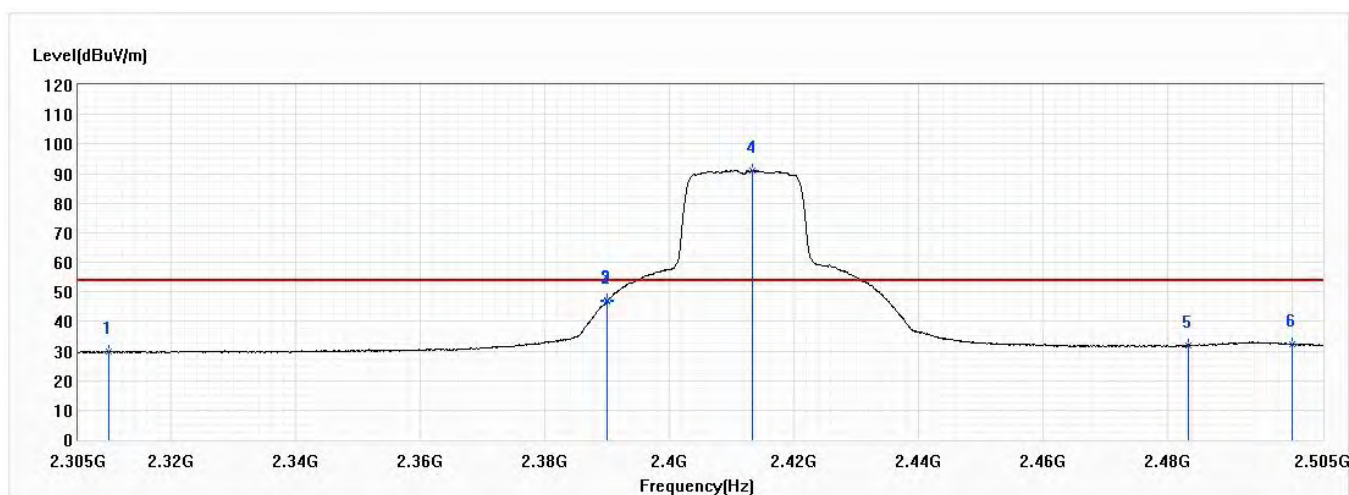


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.41	74.00	-33.59	28.79	11.62	PK
2	2389.900	67.06	74.00	-6.94	55.03	12.03	PK
3	2390.000	66.79	74.00	-7.21	54.76	12.03	PK
! 4	2410.600	100.77	74.00	26.77	88.62	12.15	PK
5	2483.500	42.89	74.00	-31.11	30.38	12.51	PK
6	2500.000	43.66	74.00	-30.34	31.06	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

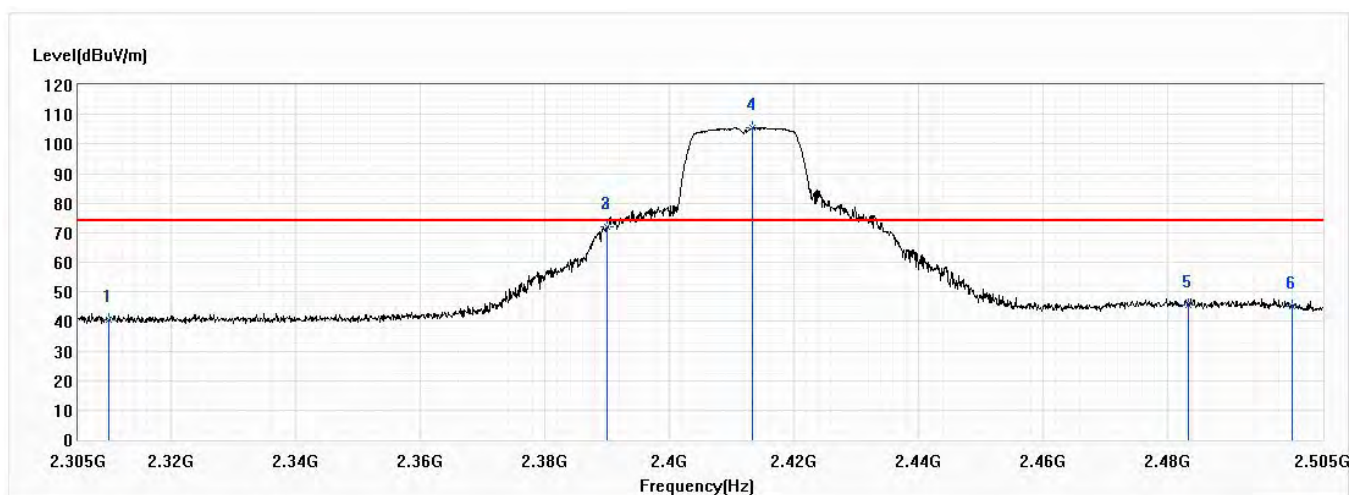


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.64	54.00	-24.36	18.02	11.62	AV
2	2389.900	46.70	54.00	-7.30	34.67	12.03	AV
3	2390.000	46.99	54.00	-7.01	34.96	12.03	AV
! 4	2413.400	91.04	54.00	37.04	78.89	12.15	AV
5	2483.500	31.77	54.00	-22.23	19.26	12.51	AV
6	2500.000	32.21	54.00	-21.79	19.61	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

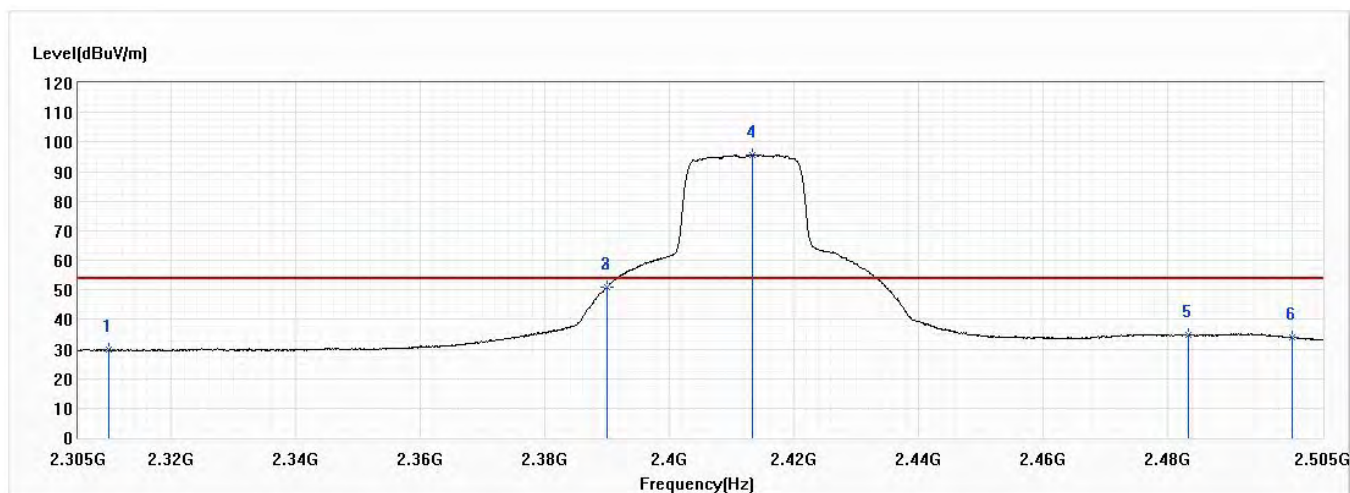


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.53	74.00	-33.47	28.91	11.62	PK
2	2389.900	71.88	74.00	-2.12	59.85	12.03	PK
3	2390.000	71.85	74.00	-2.15	59.82	12.03	PK
! 4	2413.400	105.52	74.00	31.52	93.37	12.15	PK
5	2483.500	45.51	74.00	-28.49	33.00	12.51	PK
6	2500.000	45.06	74.00	-28.94	32.46	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.64	54.00	-24.36	18.02	11.62	AV
2	2389.900	50.99	54.00	-3.01	38.96	12.03	AV
3	2390.000	51.09	54.00	-2.91	39.06	12.03	AV
! 4	2413.300	95.77	54.00	41.77	83.62	12.15	AV
5	2483.500	34.71	54.00	-19.29	22.20	12.51	AV
6	2500.000	33.93	54.00	-20.07	21.33	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

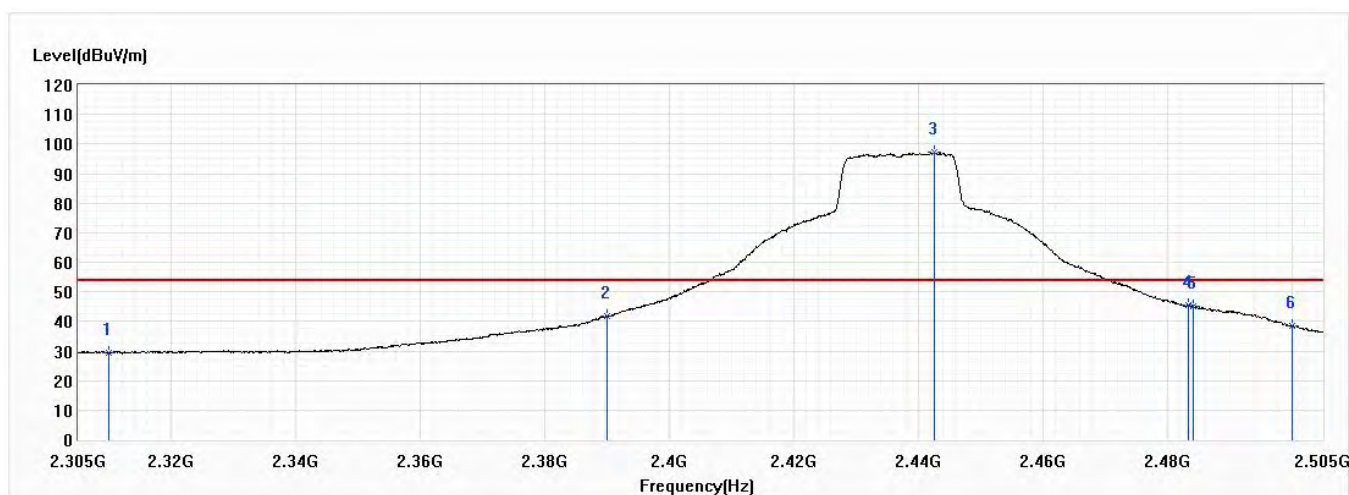


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.57	74.00	-32.43	29.95	11.62	PK
2	2390.000	64.54	74.00	-9.46	52.51	12.03	PK
! 3	2439.200	106.88	74.00	32.88	94.60	12.28	PK
4	2483.500	68.18	74.00	-5.82	55.67	12.51	PK
5	2484.400	66.06	74.00	-7.94	53.54	12.52	PK
6	2500.000	57.53	74.00	-16.47	44.93	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

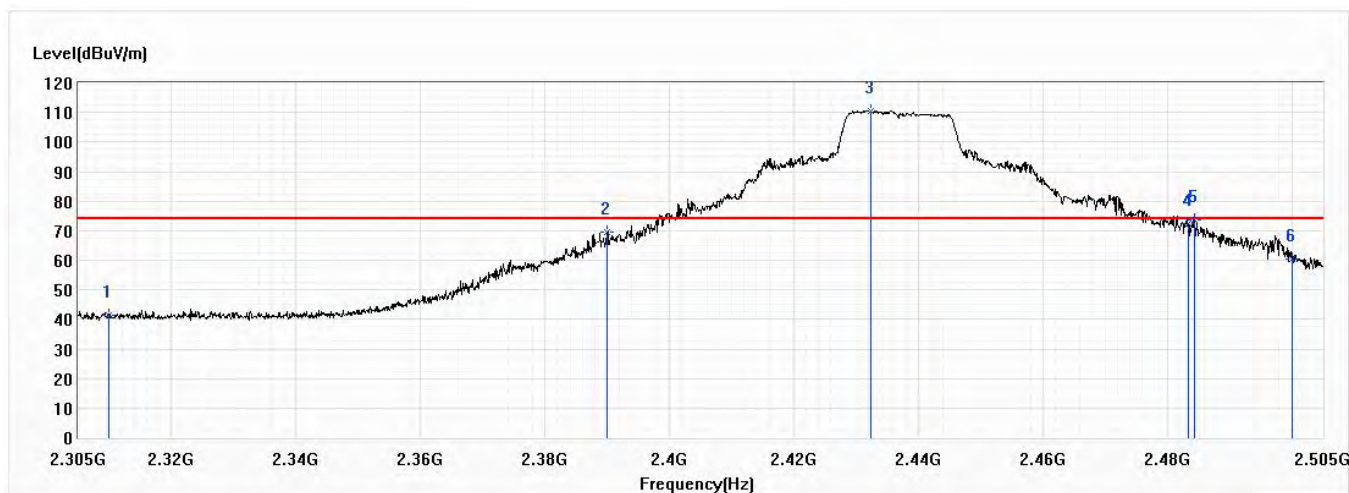


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.42	54.00	-24.58	17.80	11.62	AV
2	2390.000	41.63	54.00	-12.37	29.60	12.03	AV
! 3	2442.500	97.12	54.00	43.12	84.82	12.30	AV
4	2483.500	45.61	54.00	-8.39	33.10	12.51	AV
5	2484.200	44.94	54.00	-9.06	32.43	12.51	AV
6	2500.000	38.49	54.00	-15.51	25.89	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

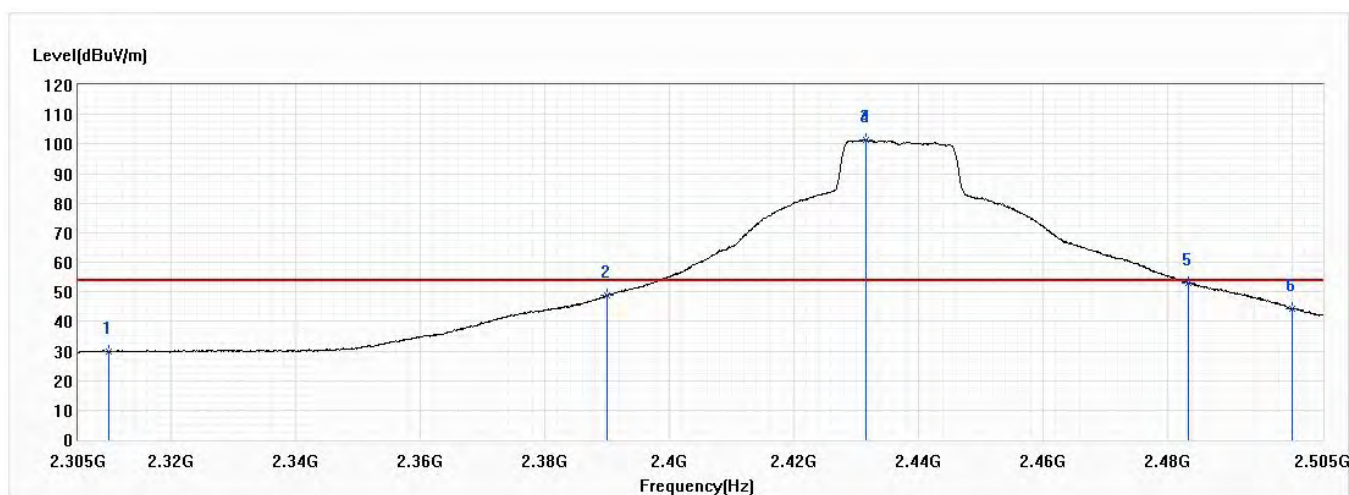


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.34	74.00	-32.66	29.72	11.62	PK
2	2390.000	69.56	74.00	-4.44	57.53	12.03	PK
! 3	2432.400	110.56	74.00	36.56	98.31	12.25	PK
4	2483.500	72.23	74.00	-1.77	59.72	12.51	PK
5	2484.400	73.68	74.00	-0.32	61.16	12.52	PK
6	2500.000	60.49	74.00	-13.51	47.89	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/27
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

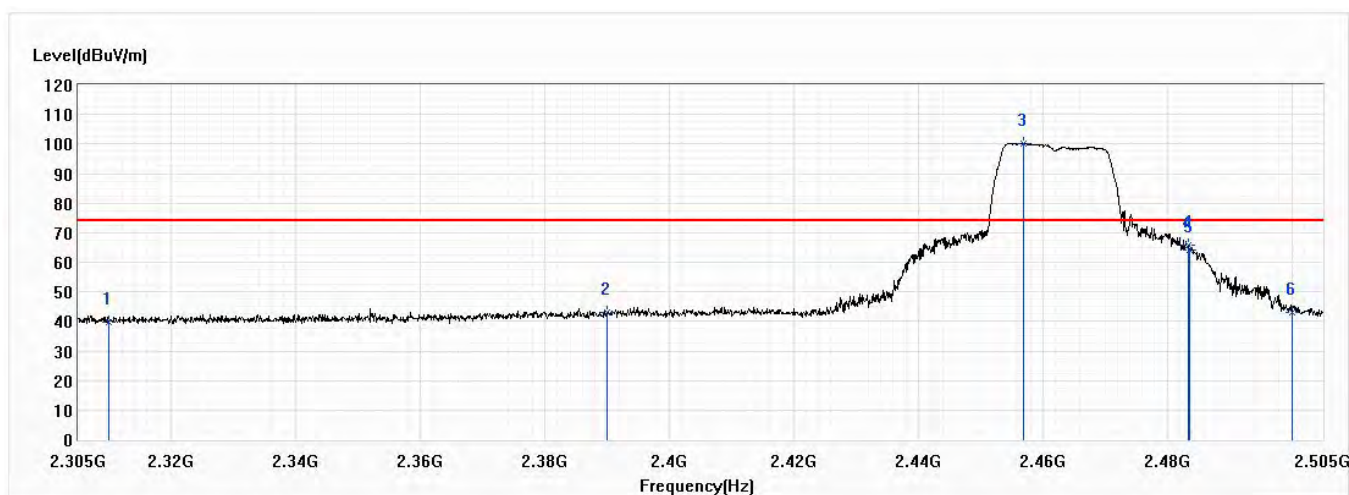


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.60	54.00	-24.40	17.98	11.62	AV
2	2390.000	48.88	54.00	-5.12	36.85	12.03	AV
! 3	2431.500	101.49	54.00	47.49	89.24	12.25	AV
! 4	2431.500	101.49	54.00	47.49	89.24	12.25	AV
5	2483.500	52.81	54.00	-1.19	40.30	12.51	AV
6	2500.000	44.41	54.00	-9.59	31.81	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

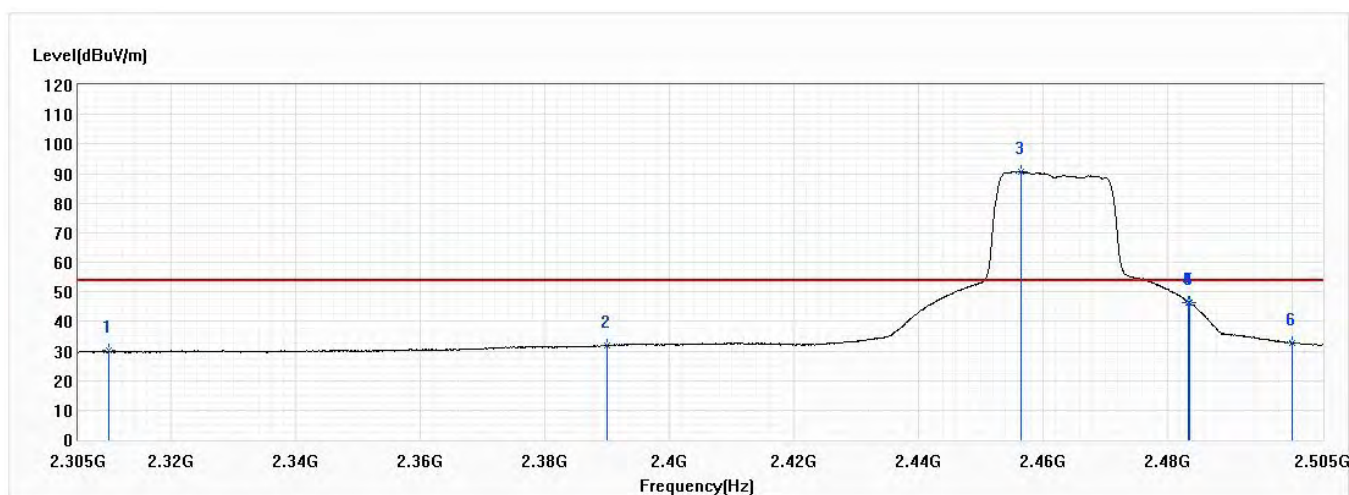


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.61	74.00	-34.39	27.99	11.62	PK
2	2390.000	43.08	74.00	-30.92	31.05	12.03	PK
! 3	2456.900	100.31	74.00	26.31	87.93	12.38	PK
4	2483.500	65.63	74.00	-8.37	53.12	12.51	PK
5	2483.600	64.09	74.00	-9.91	51.58	12.51	PK
6	2500.000	42.96	74.00	-31.04	30.36	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Horizontal	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

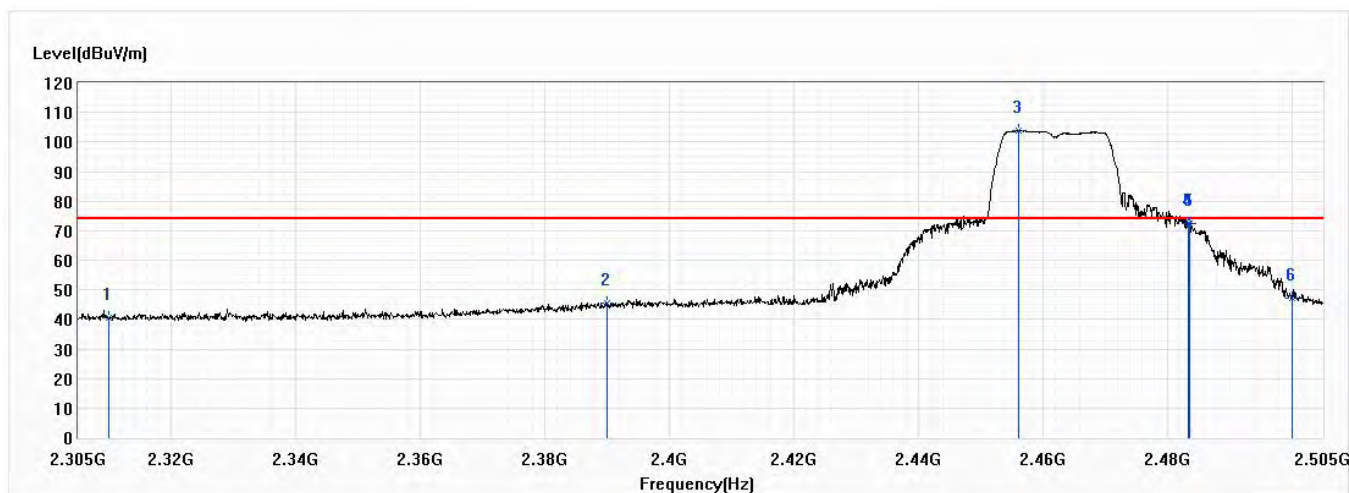


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	30.01	54.00	-23.99	18.39	11.62	AV
2	2390.000	31.87	54.00	-22.13	19.84	12.03	AV
! 3	2456.500	90.78	54.00	36.78	78.40	12.38	AV
4	2483.500	46.48	54.00	-7.52	33.97	12.51	AV
5	2483.600	46.20	54.00	-7.80	33.69	12.51	AV
6	2500.000	32.75	54.00	-21.25	20.15	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

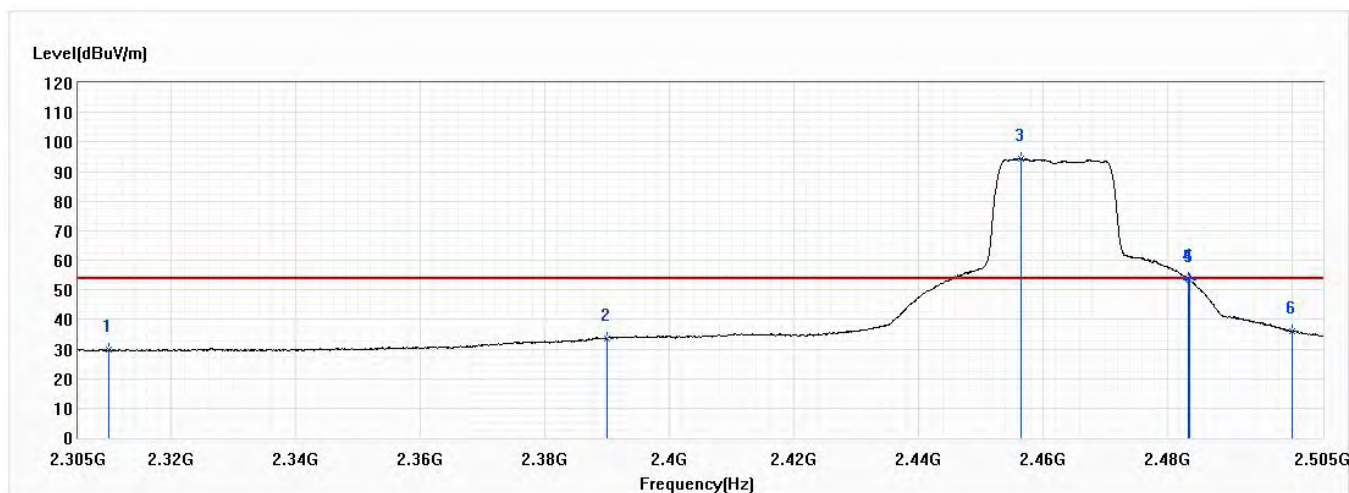


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.60	74.00	-33.40	28.98	11.62	PK
2	2390.000	45.33	74.00	-28.67	33.30	12.03	PK
! 3	2456.100	103.84	74.00	29.84	91.47	12.37	PK
4	2483.500	72.41	74.00	-1.59	59.90	12.51	PK
5	2483.600	72.23	74.00	-1.77	59.72	12.51	PK
6	2500.000	47.02	74.00	-26.98	34.42	12.60	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Model No	EA2R040JPA10-00	Site	CB4-H
Test Voltage	240V	Test Date	2020/11/28
Test Mode	Mode 1: Transmit Mode	Engineer	Lion Wang
Polarity	Vertical	Temperature (°C)	24.0
Test Condition	SISO,802.11n,Ant0,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0



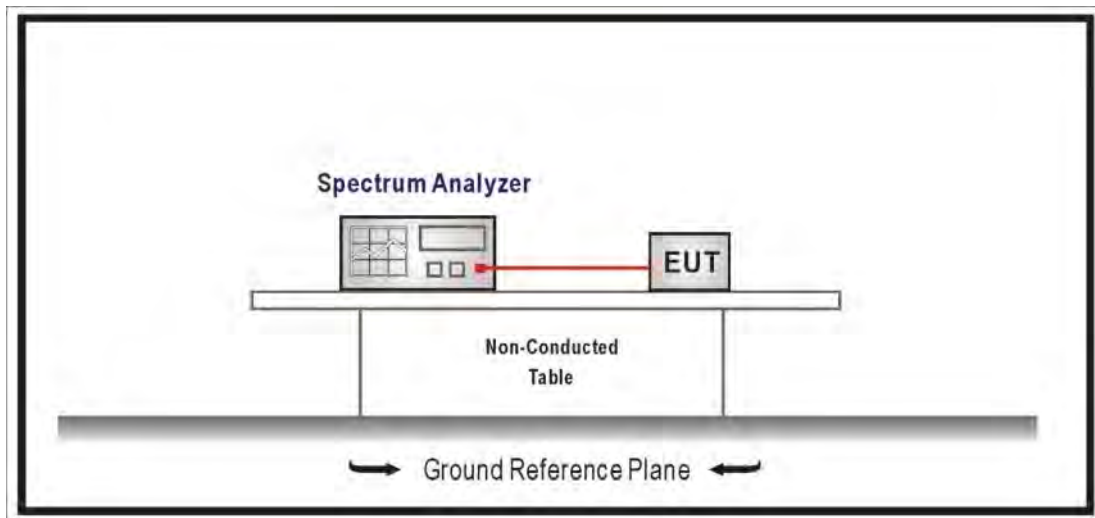
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	29.68	54.00	-24.32	18.06	11.62	AV
2	2390.000	33.72	54.00	-20.28	21.69	12.03	AV
! 3	2456.600	94.45	54.00	40.45	82.07	12.38	AV
4	2483.500	53.66	54.00	-0.34	41.15	12.51	AV
5	2483.600	53.54	54.00	-0.46	41.03	12.51	AV
6	2500.000	35.93	54.00	-18.07	23.33	12.60	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

7. DTS Bandwidth

7.1. Test Setup



7.2. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested procedure section 8.1 of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto, Set Peak Detector.

7.3. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

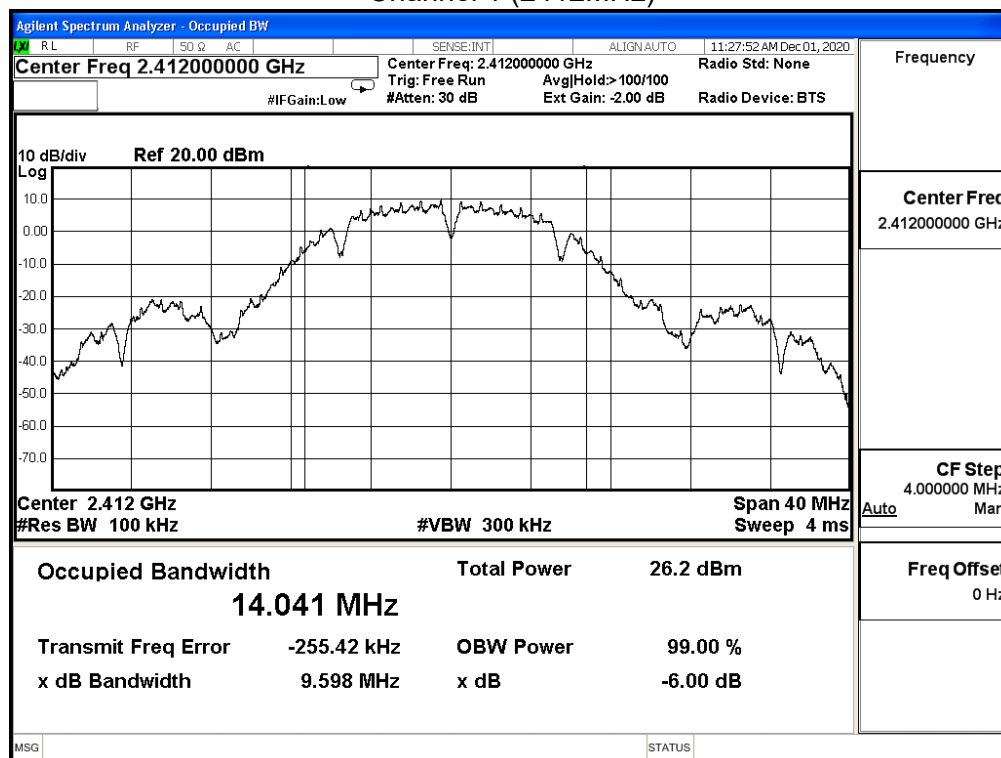
7.5. Test Result

Product	HomeStation		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

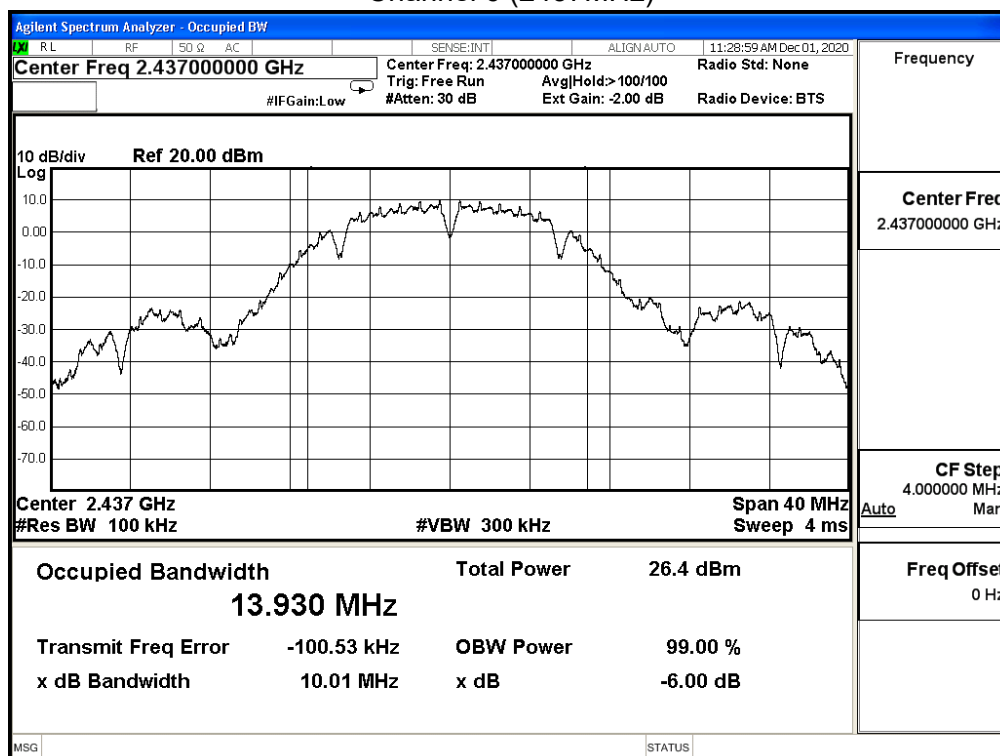
802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	9.598	≥ 0.5	Pass
6	2437	10.010	≥ 0.5	Pass
11	2462	9.979	≥ 0.5	Pass

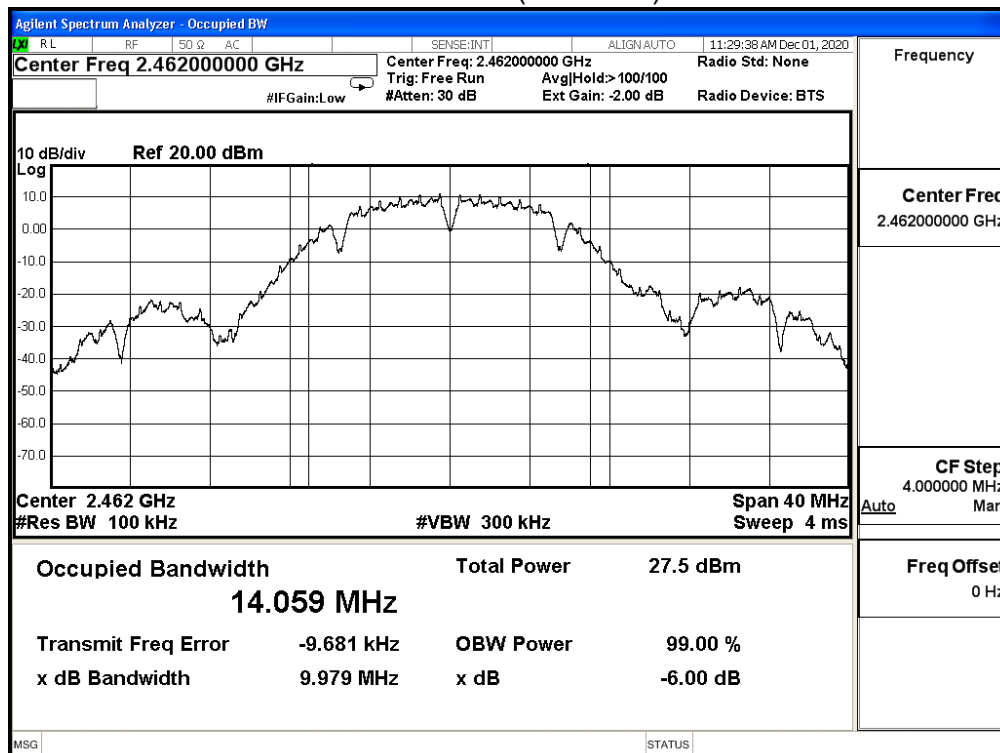
Channel 1 (2412MHz)



Channel 6 (2437MHz)



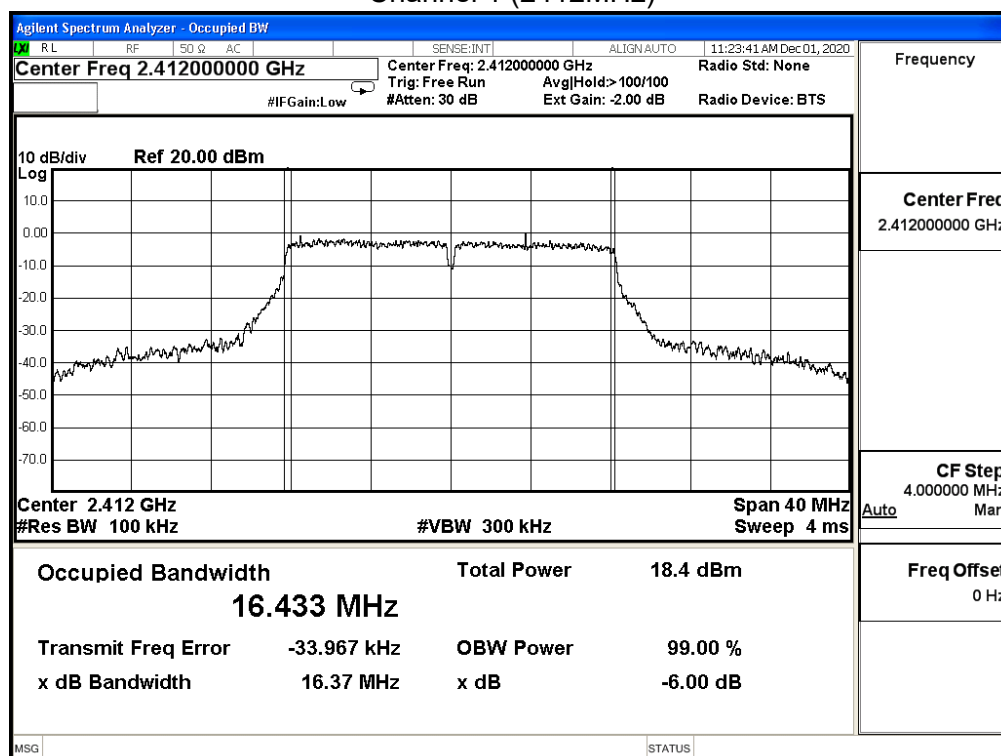
Channel 11 (2462MHz)



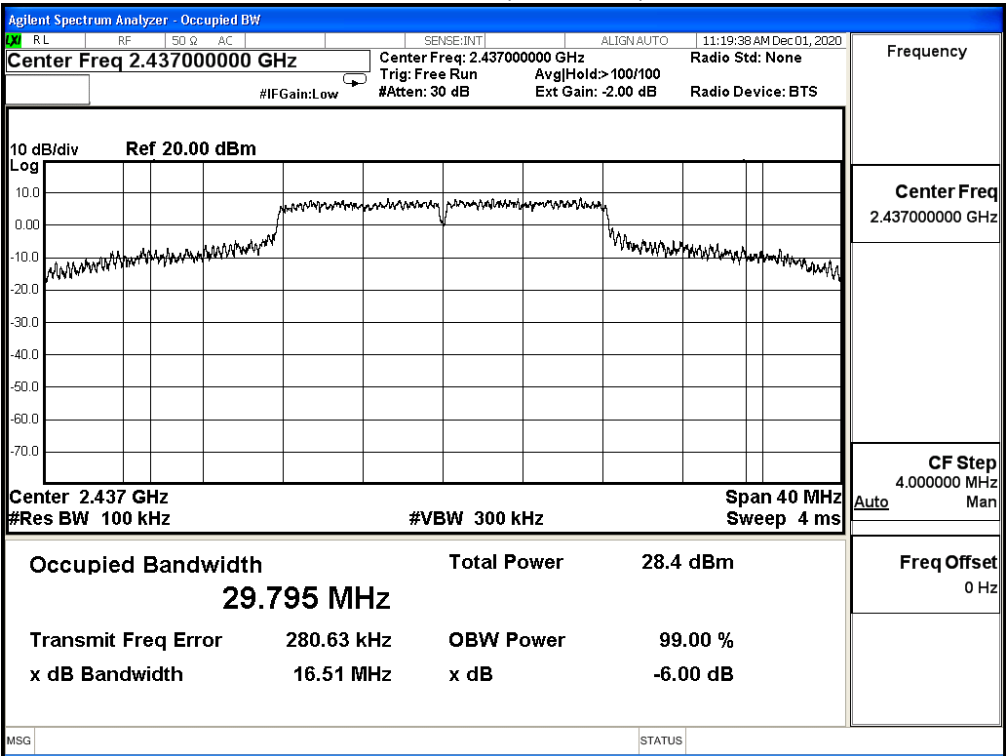
Product	HomeStation		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.370	≥ 0.5	Pass
6	2437	16.510	≥ 0.5	Pass
11	2462	16.370	≥ 0.5	Pass

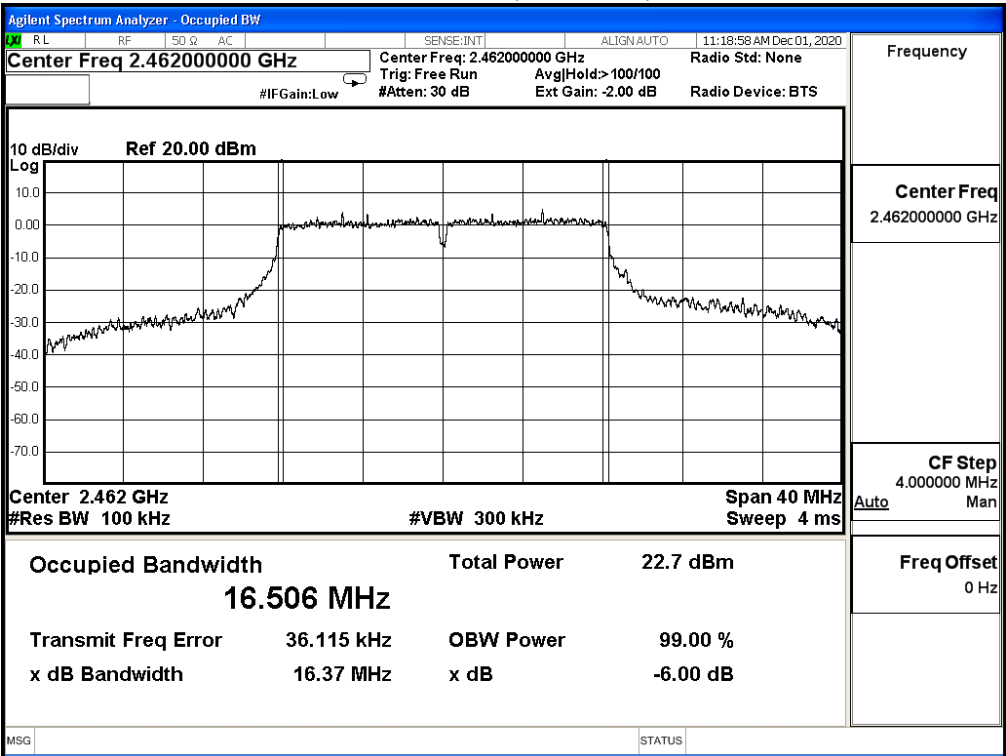
Channel 1 (2412MHz)



Channel 6 (2437MHz)



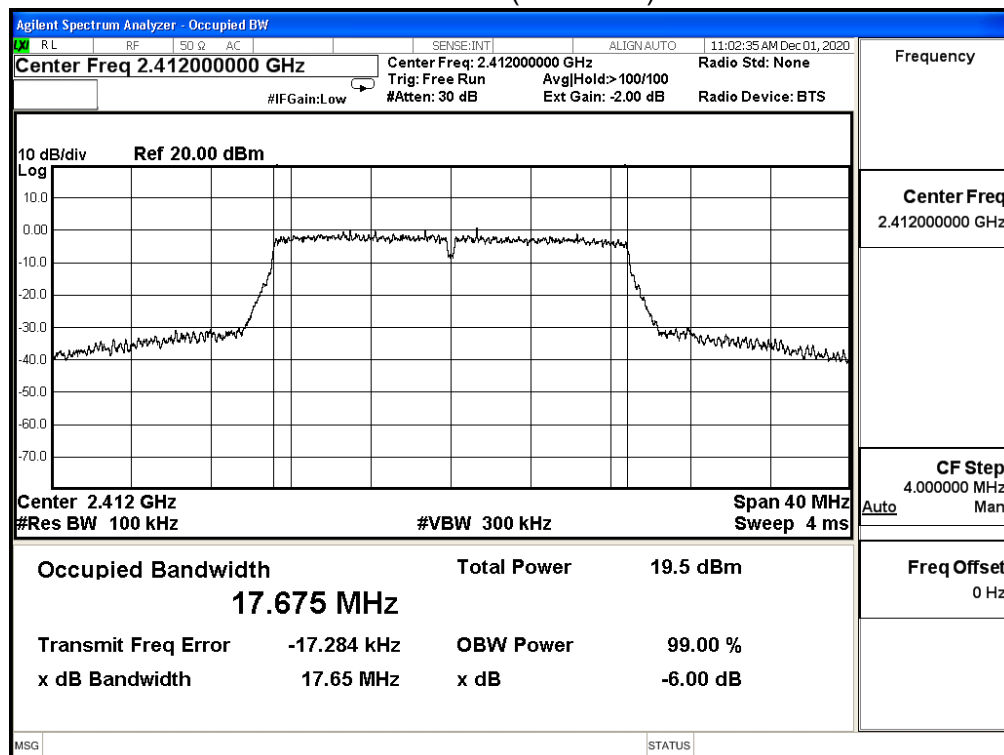
Channel 11 (2462MHz)



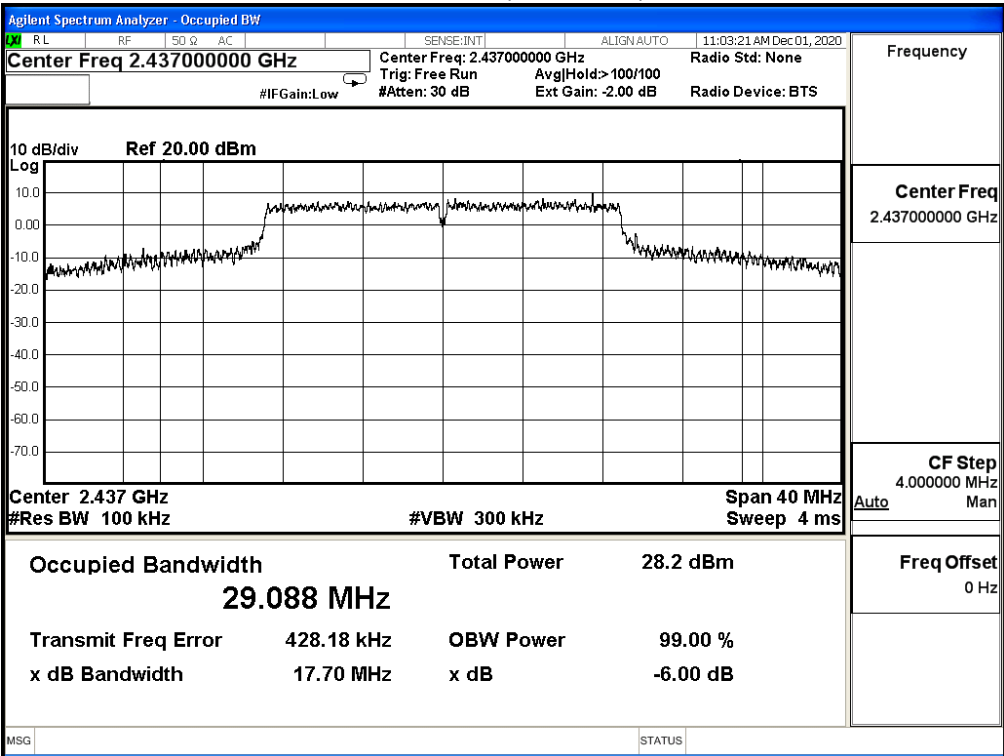
Product	HomeStation		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11n(20M)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.650	≥ 0.5	Pass
6	2437	17.700	≥ 0.5	Pass
11	2462	17.670	≥ 0.5	Pass

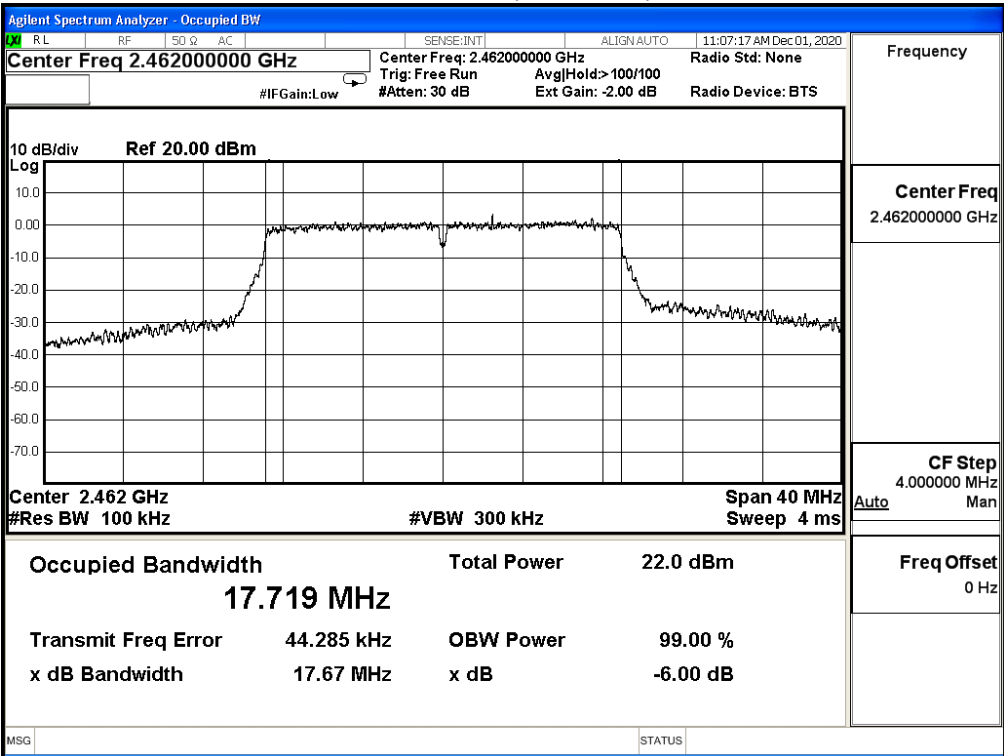
Channel 1 (2412MHz)



Channel 6 (2437MHz)

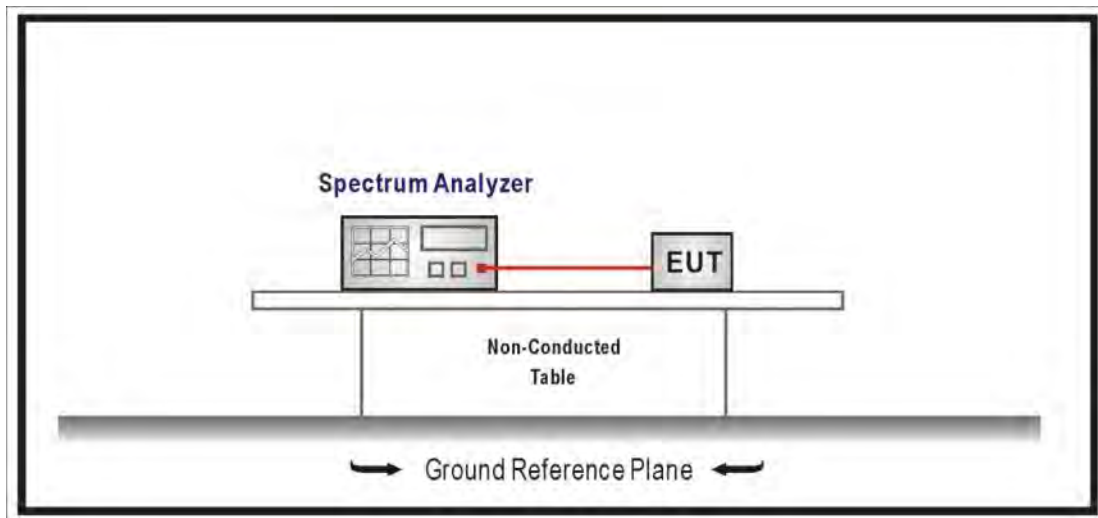


Channel 11 (2462MHz)



8. Occupied Bandwidth

8.1. Test Setup



8.2. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1-5% of the OBW, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto.

8.3. Limits

N/A

8.4. Test Specification

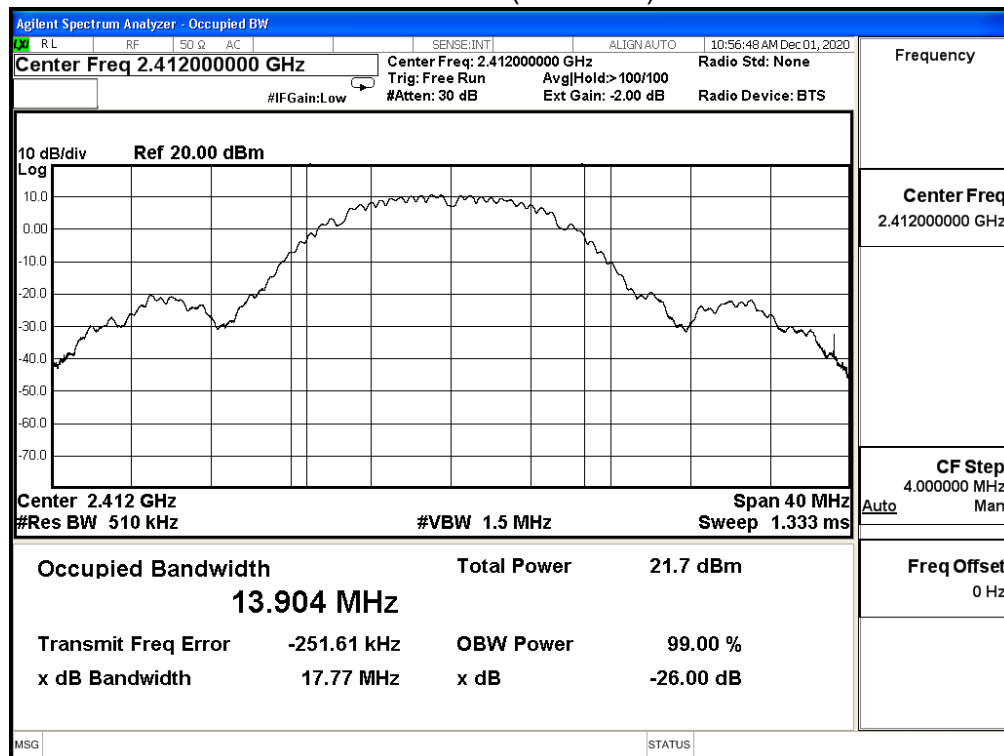
According to FCC Part 15 Subpart C Paragraph 15.247: 2019

8.5. Test Result

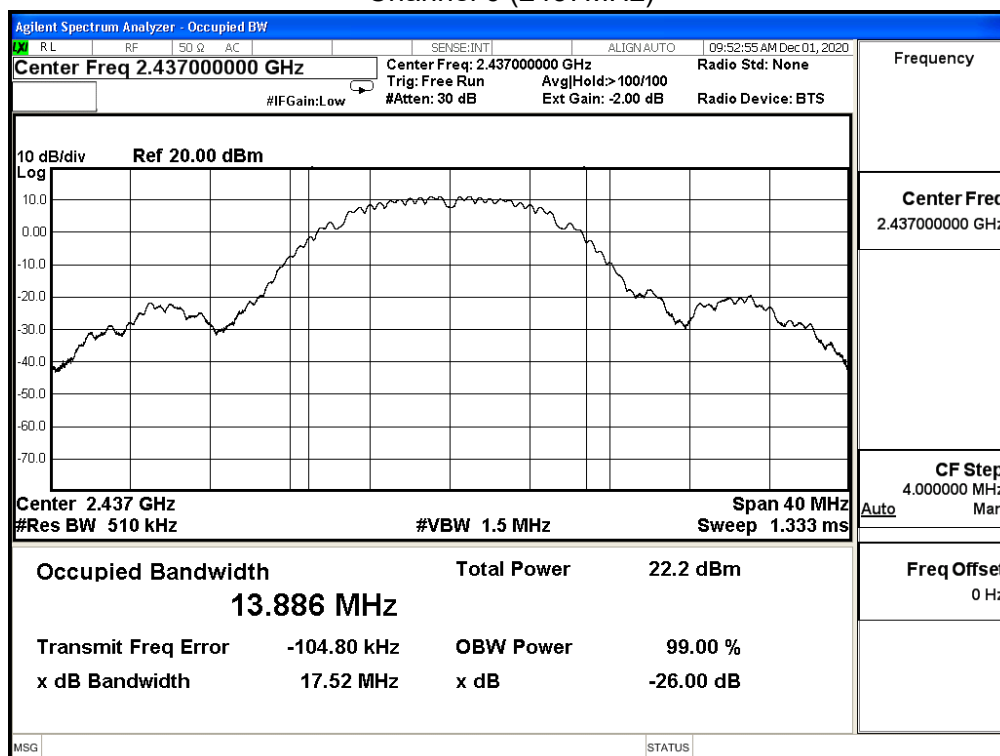
Product	HomeStation		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.904	---
6	2437	13.886	---
11	2462	14.067	---

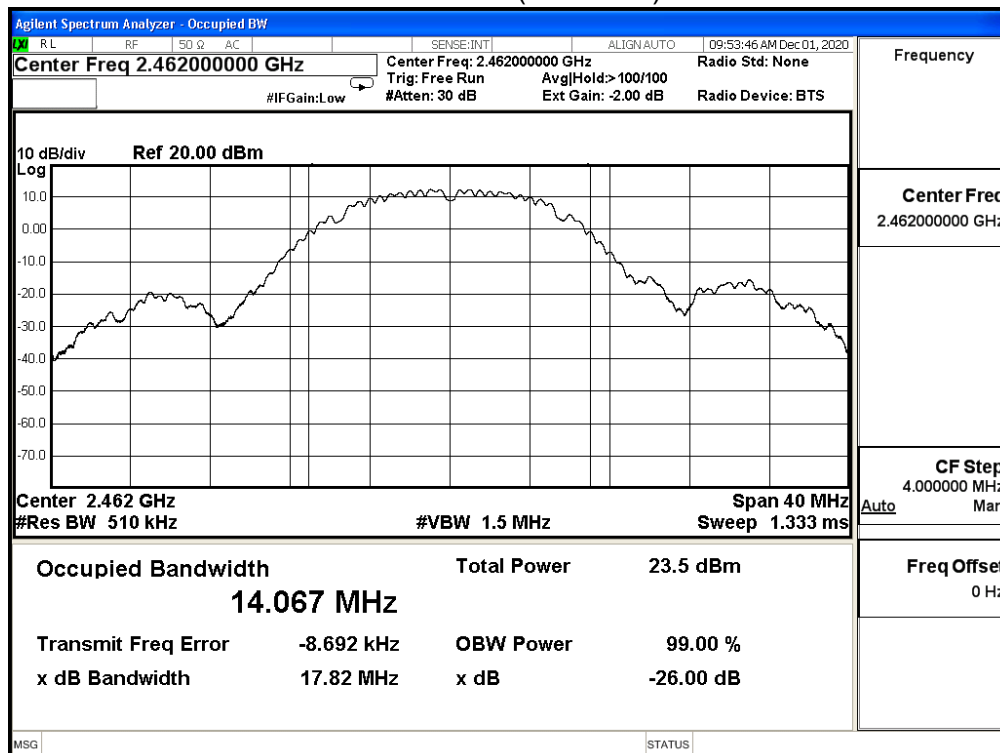
Channel 1 (2412MHz)



Channel 6 (2437MHz)



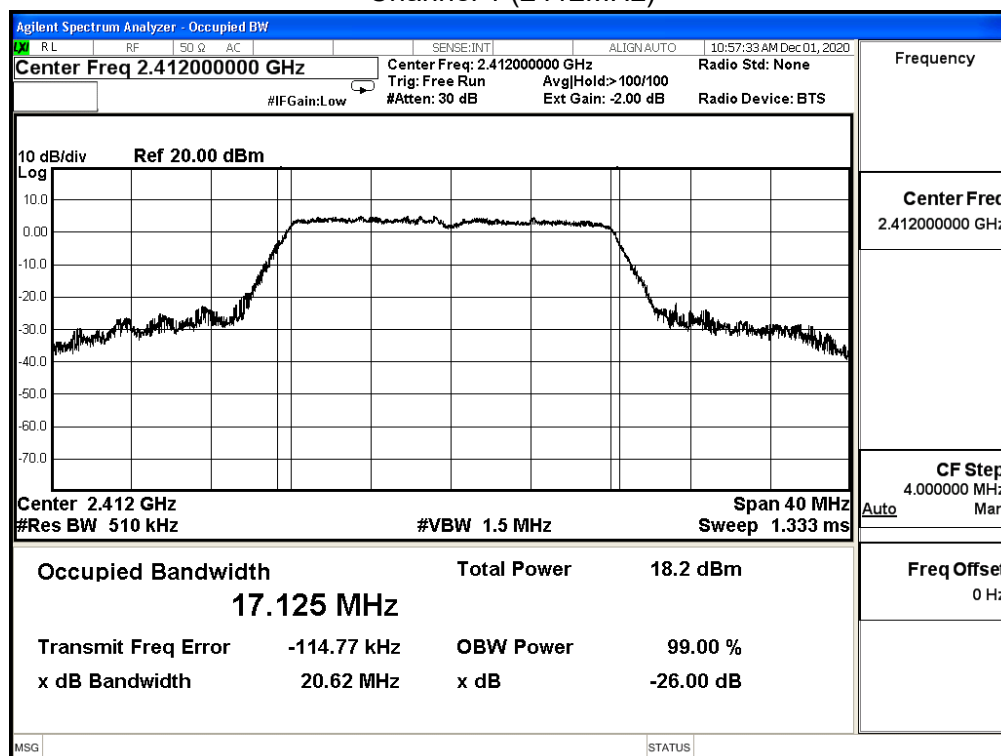
Channel 11 (2462MHz)



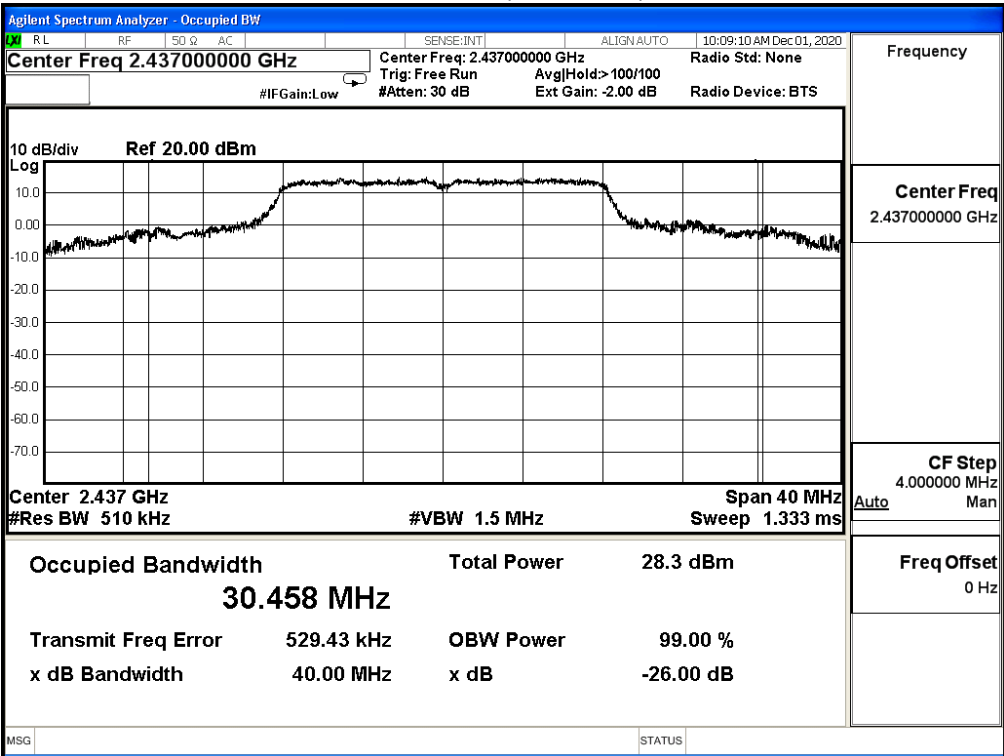
Product	HomeStation		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.125	---
6	2437	30.458	---
11	2462	17.325	---

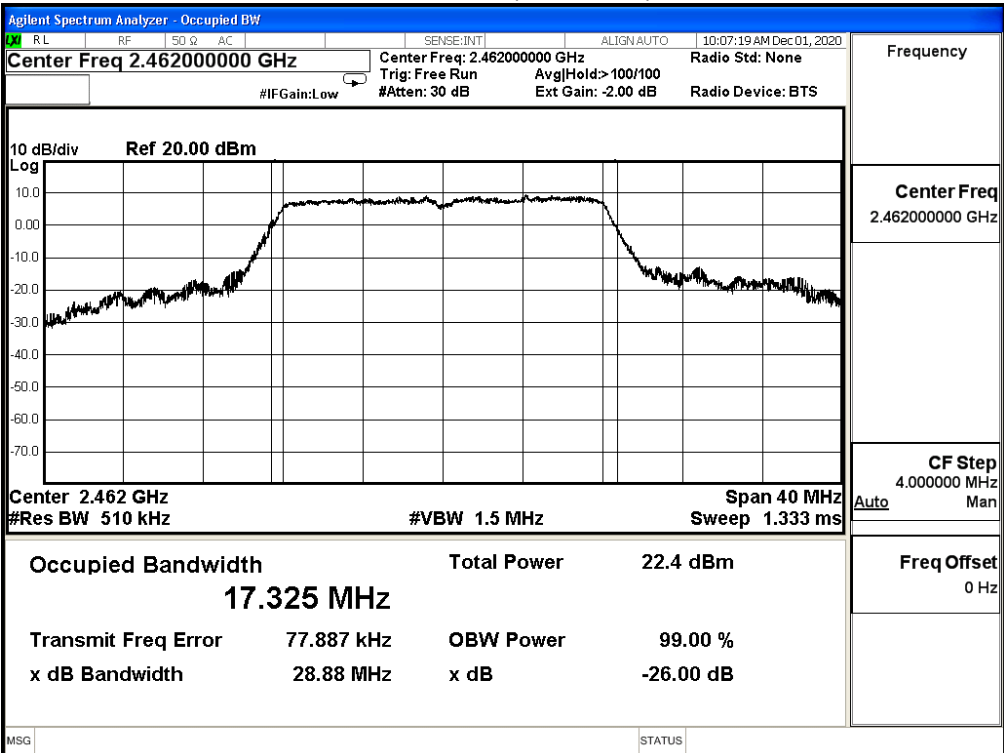
Channel 1 (2412MHz)



Channel 6 (2437MHz)



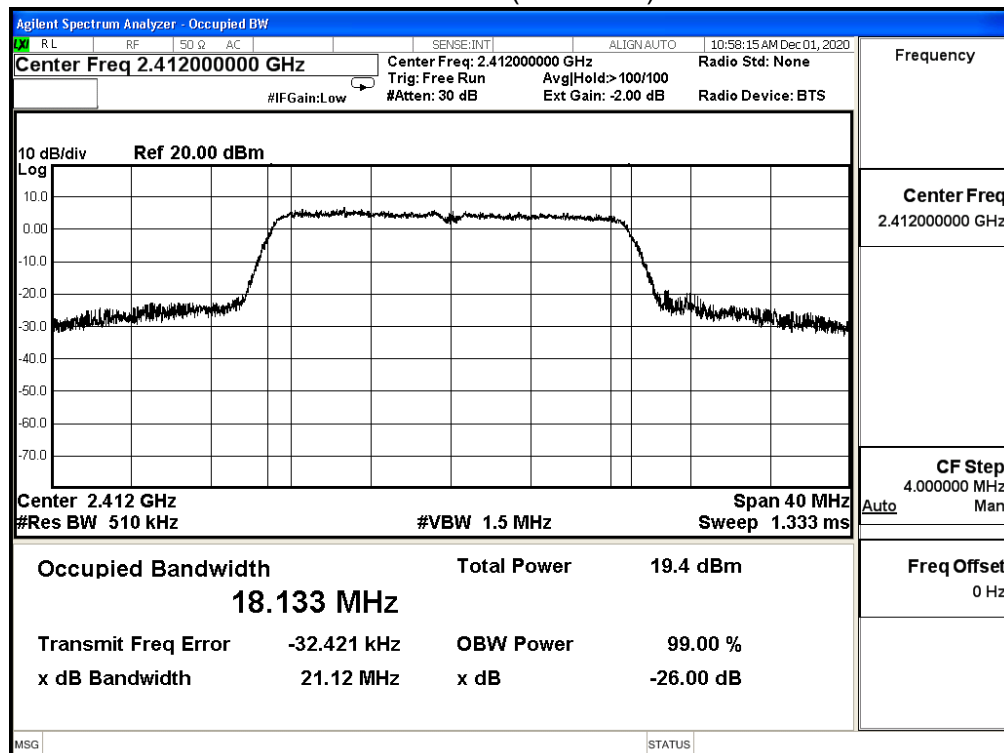
Channel 11 (2462MHz)



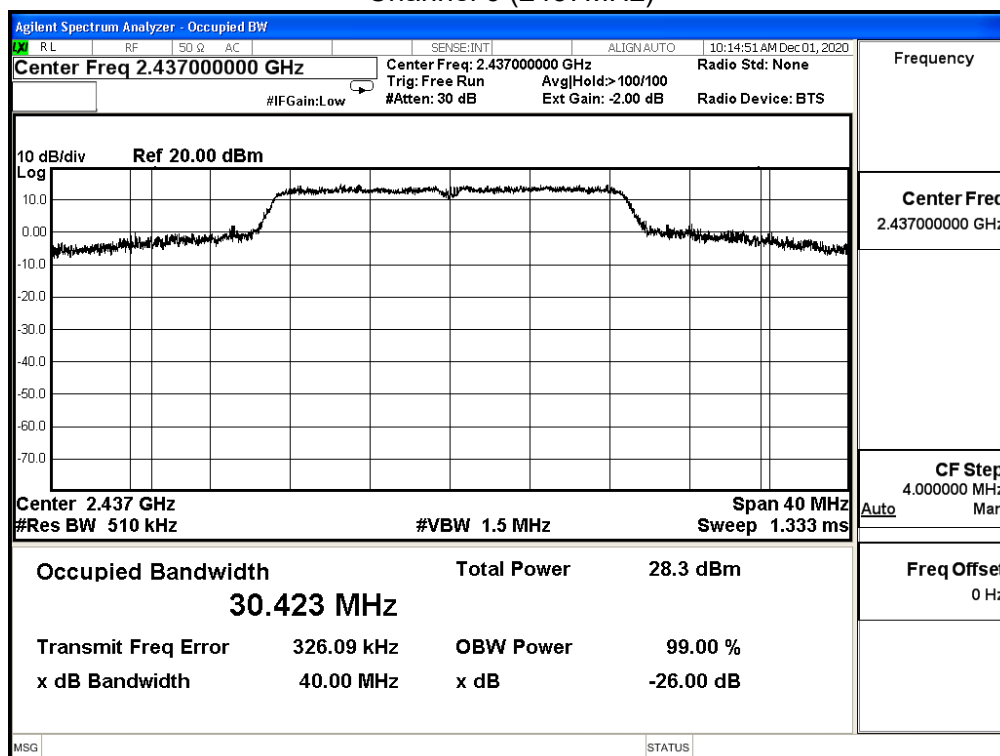
Product	HomeStation		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11n(20M)(ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	18.133	---
6	2437	30.423	---
11	2462	18.287	---

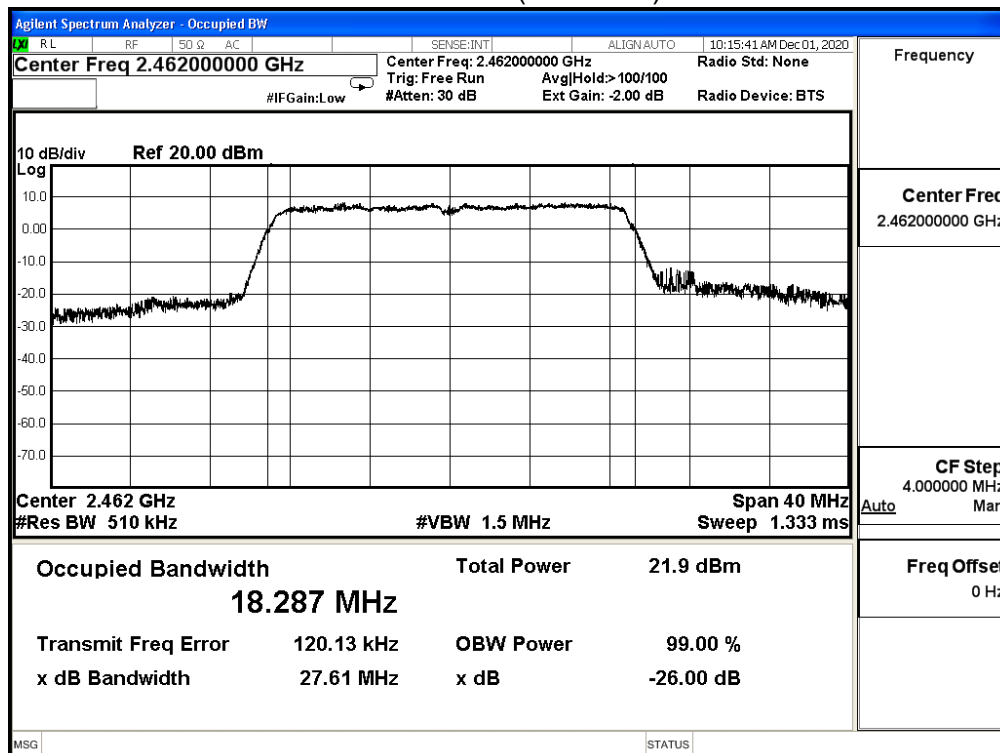
Channel 1 (2412MHz)



Channel 6 (2437MHz)

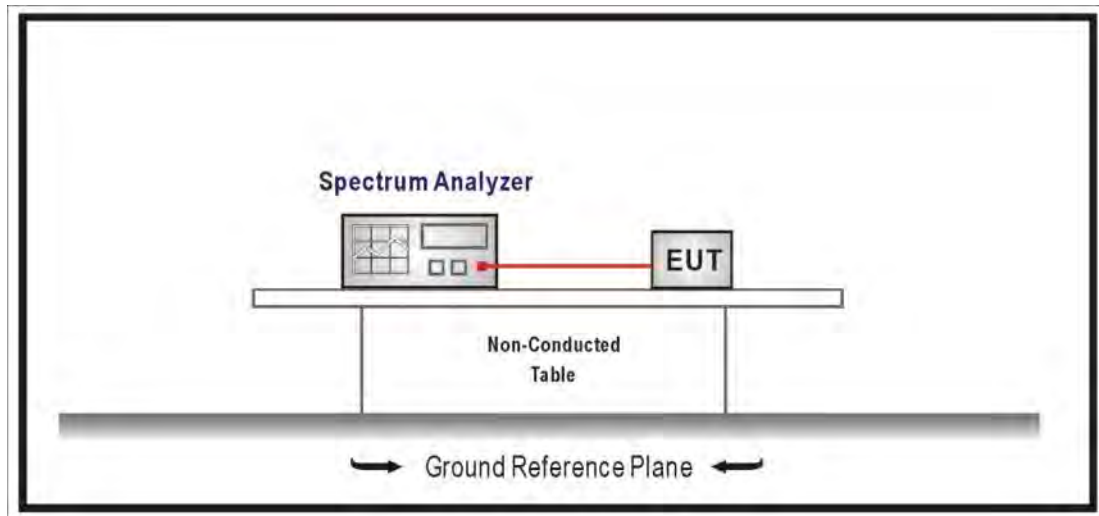


Channel 11 (2462MHz)



9. Power Density

9.1. Test Setup



9.2. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

Set 3KHz $\leq$ RBW $\leq$ 100 kHz, Set VBW $\geq$ 3xRBW, Sweep time=Auto, Set Peak detector.

9.4. Test Specification

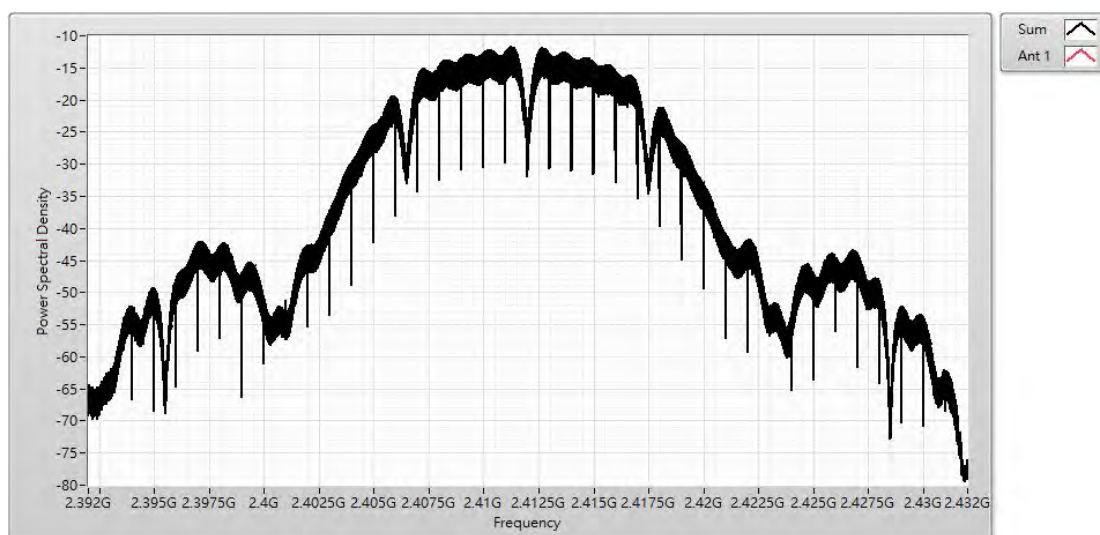
According to FCC Part 15 Subpart C Paragraph 15.247: 2019

9.5. Test Result

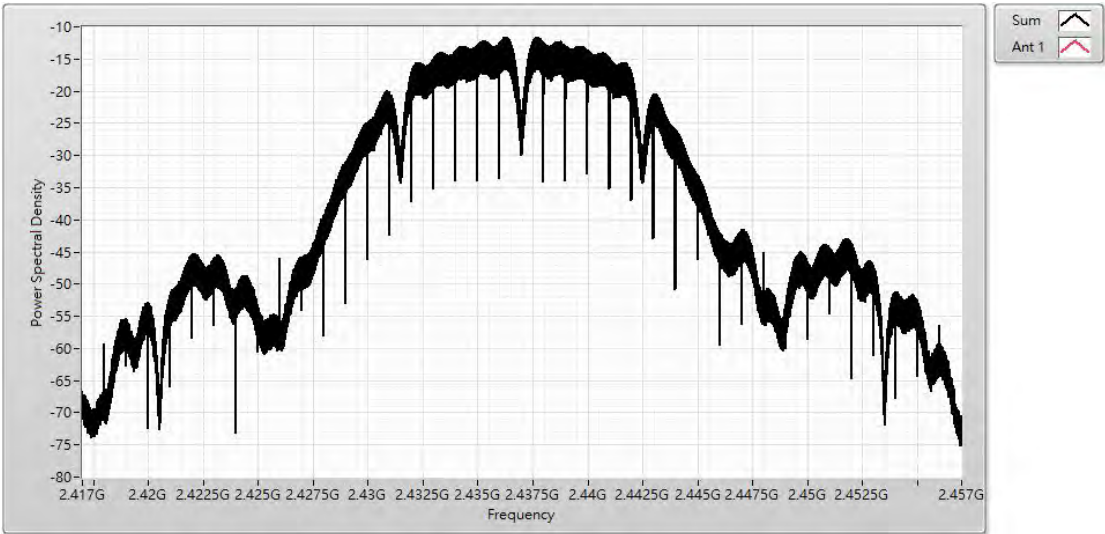
Product	HomeStation		
Test Item	Power Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-11.630	≤ 8	Pass
6	2437	-11.590	≤ 8	Pass
11	2462	-10.740	≤ 8	Pass

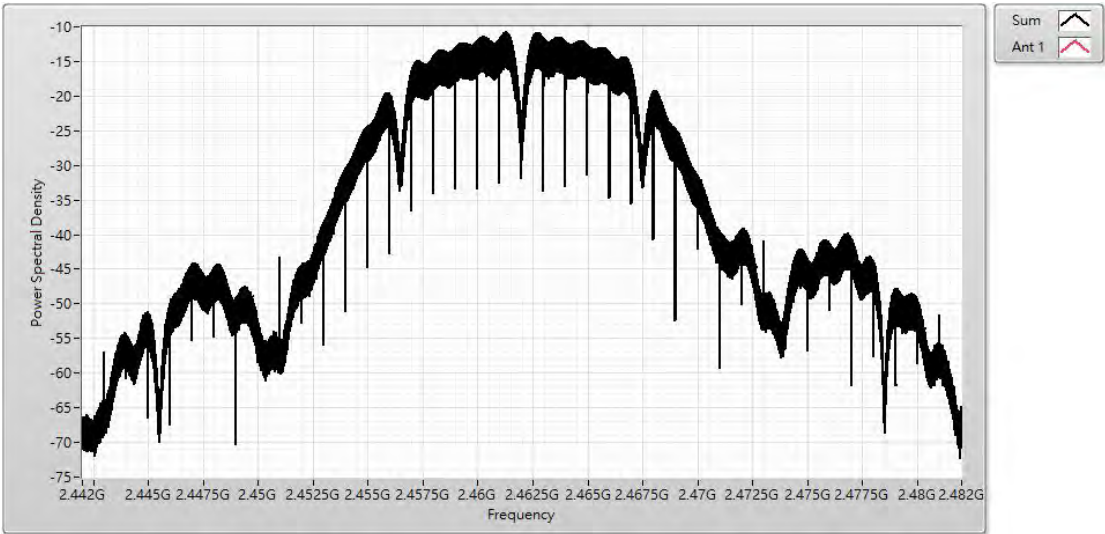
Channel 1 (2412MHz)



Channel 6 (2437MHz)



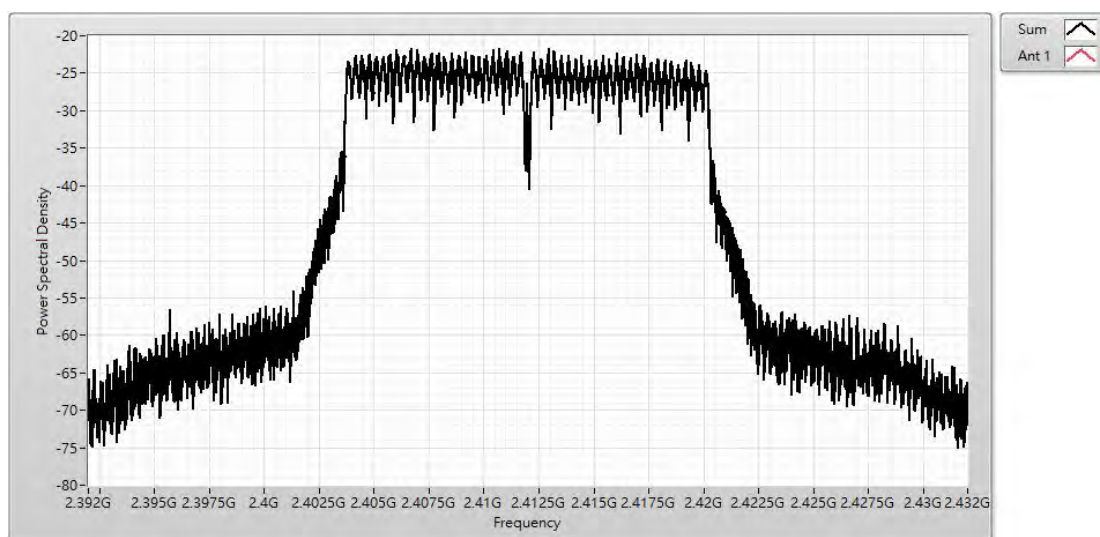
Channel 11 (2462MHz)



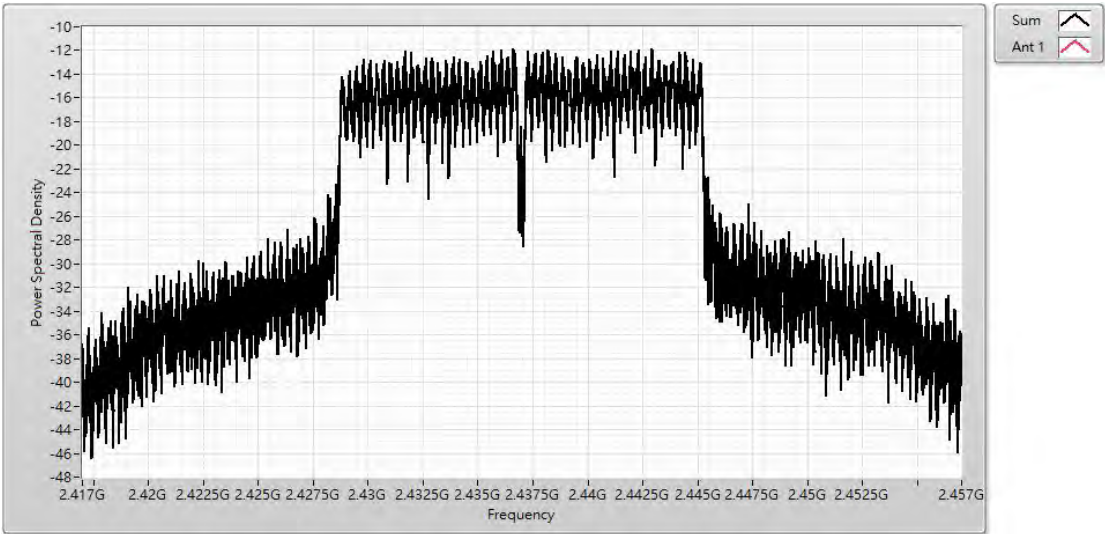
Product	HomeStation		
Test Item	Power Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10KHz)	Limit (dBm/3kHz)	Result
1	2412	-21.660	≤ 8	Pass
6	2437	-11.900	≤ 8	Pass
11	2462	-17.210	≤ 8	Pass

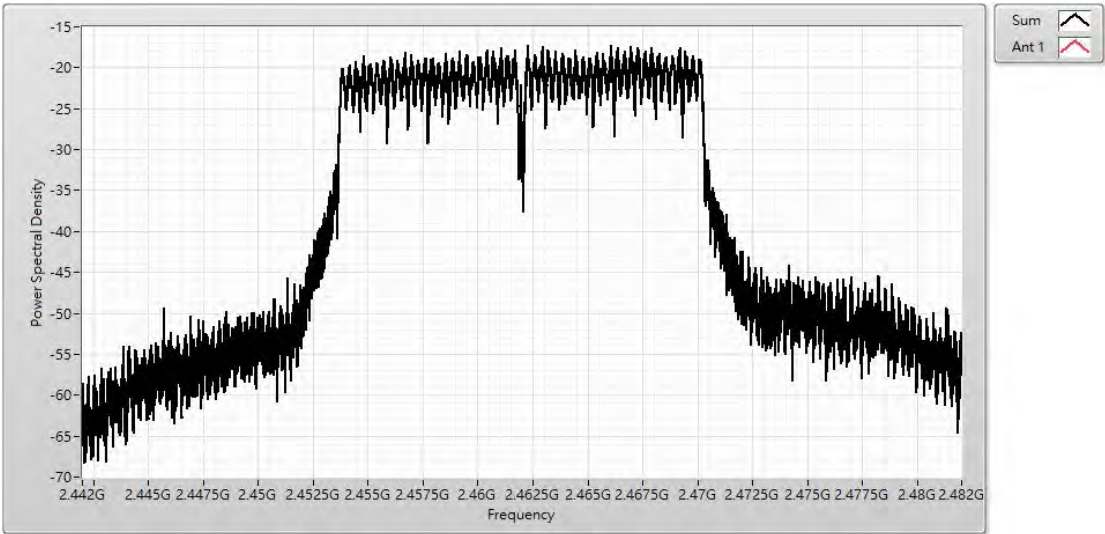
Channel 1 (2412MHz)



Channel 6 (2437MHz)



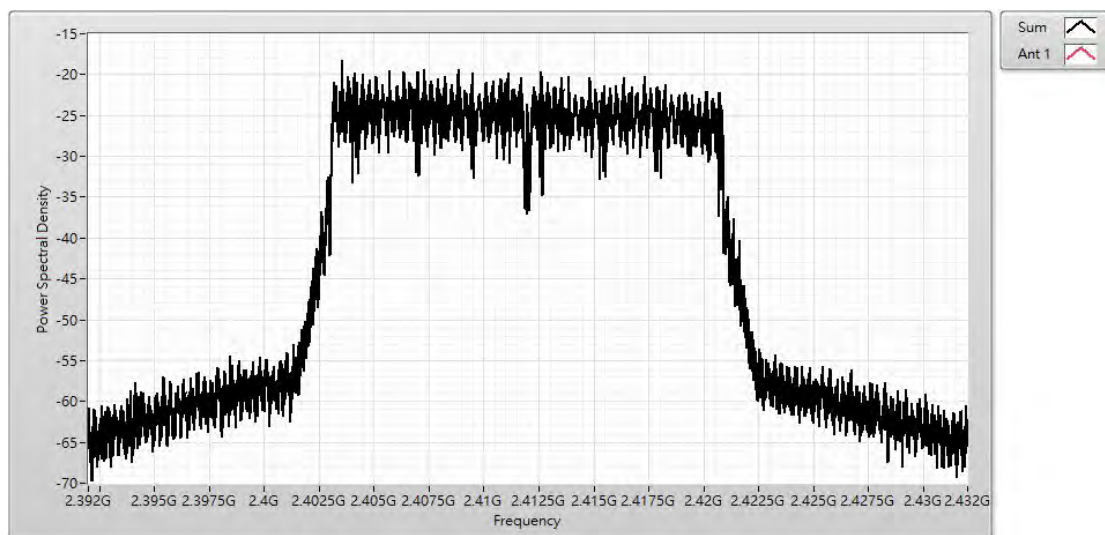
Channel 11 (2462MHz)



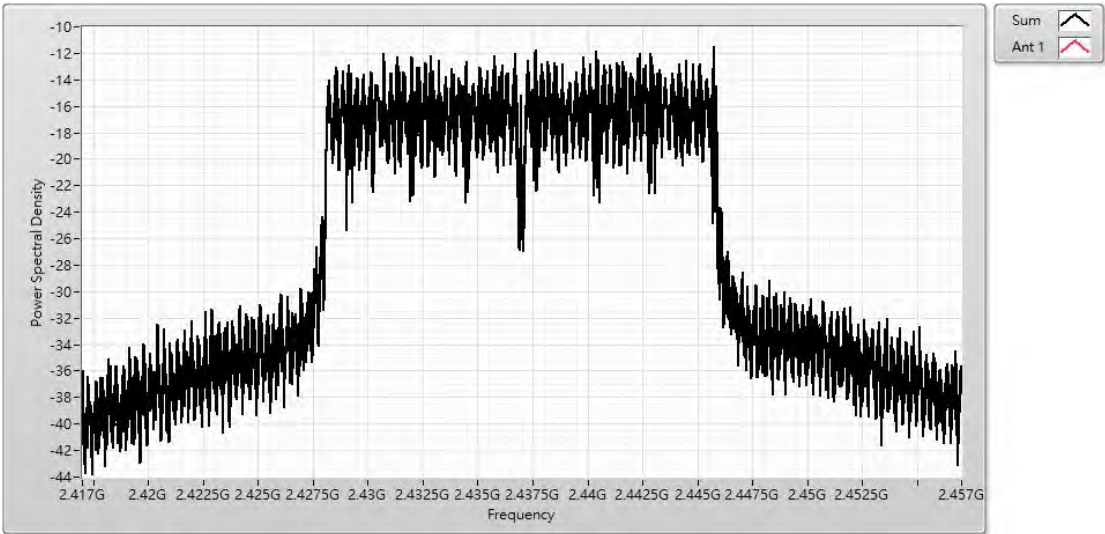
Product	HomeStation		
Test Item	Power Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/12/01	Test Site	SR12-H
Test Temperature	21.0°C	Test Humidity	63.0%

IEEE 802.11n(20M)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-18.310	≤ 8	Pass
6	2437	-11.490	≤ 8	Pass
11	2462	-16.230	≤ 8	Pass

Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

