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TESTING
CNAS L6791

TEST REPORT

Applicant:	MeiG Smart Technology Co., Ltd
Address:	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen City.
Equipment Type:	5G Module
Model Name:	SRM700
Brand Name:	MEIGLink
FCC ID:	2APJ4-SRM700
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
Sample Arrival Date:	Apr. 19, 2024
Test Date:	May 09, 2024 - Jul. 18, 2024
Date of Issue:	Jul. 30, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan **Checked by:** Ye Hongji **Approved by:** Lin Xingsun

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 30, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MeiG Smart Technology Co., Ltd
Address	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen City.

2.2 Manufacturer Information

Manufacturer	MeiG Smart Technology Co., Ltd
Address	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen City.

2.3 General Description for Equipment under Test (EUT)

EUT Name	5G Module
Model Name Under Test	SRM700
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	SRM700U_MB_V1.00_PCB
Hardware Version	T03
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA : B2/B4/B5/B8 4G Network LTE FDD: B2/B4/B5/B7/B8/B12/B13/B14/ B17/B25/B26/B66/B71 LTE-TDD: B38/B41 LTE CA Downlink(DL):refer to spec 5G Network SA: N2/N5/N7/N8/N25/N66/N71/N38/N41/N77/ N78/N79 NSA(EN-DC): DC_5A_n77A, DC_12A_n77A, DC_41A_n77A, DC_2A_n78A, DC_5A_n78A, DC_41A_n78A Bluetooth 5.2（BR+EDR+BLE） 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40),802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80/160) 802.11ax(HE20/40/80/160) U-NII-1/2A/2C/3 6G WIFI 802.11ax(HE20/40/80/160) U-NII-5/6/7/8 GPS/GLONASS/BeiDou, L1+L5 GPS

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range		U-NII-5: 5925 MHz to 6425 MHz U-NII-6: 6425 MHz to 6525 MHz U-NII-7: 6525 MHz to 6875 MHz U-NII-8: 6875 MHz to 7125 MHz
Product Type		☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology		OFDM, OFDMA
Modulation Type		1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type		Mobile for FCC standard
Transfer Rate (Mbps) (Single RF path)		802.11ax up to 1021 Mbps
Channel Bandwidth		802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz
Maximum Output Power		U-NII-5: 16.09 dBm U-NII-6: 15.64 dBm U-NII-7: 15.35 dBm U-NII-8: 18.41 dBm
Antenna System (eg., MIMO, Smart Antenna)		Multi Input Multi Output (MIMO) for 802.11ax
Categorization as Correlated or Completely Uncorrelated		Categorization as Uncorrelated for 802.11ax
Antenna	Main Antenna	External Antenna

Type	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-5: 5925 MHz to 6425 MHz: 0.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 0.77 dBi U-NII-8: 6875 MHz to 7125 MHz: 1.56 dBi
	Aux. Antenna	U-NII-5: 5925 MHz to 6425 MHz: 0.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 0.77 dBi U-NII-8: 6875 MHz to 7125 MHz: 1.56 dB
Total directional gain	For power spectral density(PSD) measurements	Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 0.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 0.77 dBi U-NII-8: 6875 MHz to 7125 MHz: 1.56 dBi Formulas: Directional gain = GANT
	For power measurements	Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 0.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 0.77 dBi U-NII-8: 6875 MHz to 7125 MHz: 1.56 dB Formulas: Directional gain = GANT
About the Product		The equipment is Multi-mode 5G/LTE Smart Module, intended for used with information technology equipment.

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ac160	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
802.11ax160	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

2.5 Channel List

U-NII-5/6/7/8:

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	**5955**	**3**	**5965**	**7**	**5985**	**15**	**6025**
5	5975	11	6005	23	6065	**47**	**6185**
9	5995	19	6045	**39**	**6145**	**79**	**6345**
13	6015	27	6085	55	6225	**111**	**6505**
17	6035	35	6125	71	6305	**143**	**6665**
21	6055	**43**	**6165**	**87**	**6385**	**175**	**6825**
25	6075	51	6205	**103**	**6465**	**207**	**6985**
29	6095	59	6245	**119**	**6545**		
33	6115	67	6285	**135**	**6625**		
37	6135	75	6325	**151**	**6705**		
41	6155	83	6365	**167**	**6785**		
45	**6175**	**91**	**6405**	**183**	**6865**		
49	6195	**99**	**6445**	**199**	**6945**		
53	6215	**107**	**6485**	**215**	**7025**		
57	6235	**115**	**6525**				
61	6255	**123**	**6565**				
65	6275	131	6605				
69	6295	139	6645				
73	6315	147	6685				
77	6335	**155**	**6725**				
81	6355	163	6765				
85	6375	171	6805				
89	6395	**179**	**6845**				
93	**6415**	**187**	**6885**				
97	6435	195	6925				
101	6455	203	6965				
105	**6475**	**211**	**7005**				
109	6495	219	7045				
113	**6515**	**227**	**7085**				
117	**6535**						
121	6555						
125	6575						
129	6595						
133	6615						
137	6635						
141	6655						
145	6675						

149	6695						
153	**6715**						
157	6735						
161	6755						
165	6775						
169	6795						
173	6815						
177	6835						
181	**6855**						
185	**6875**						
189	6895						
193	6915						
197	6935						
201	6955						
205	6975						
209	6995						
213	**7015**						
217	7035						
221	7055						
225	7075						
229	**7095**						
233	**7115**						

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11ax(HE20)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5955	97	Low	6435
45	Mid	6175	105	Mid	6475
93	High	6415	113	High	6515

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
117	Low	6535	185	Low	6875
153	Mid	6715	213	Mid	7015
181	High	6855	229	Mid	7095
			233	High	7115

For 802.11ax(HE40)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
3	Low	5965	99	Low	6445
43	Mid	6165	107	Mid	6485
91	High	6405	115	High	6525

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
123	Low	6565	187	Low	6885
155	Mid	6725	211	Mid	7005
179	High	6845	227	High	7085

For 802.11ax(HE80)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
7	Low	5985	103	Low	6465
39	Mid	6145	119	High	6545
87	High	6385			

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
135	Low	6625	183	Low	6865
151	Mid	6705	199	Mid	6945
167	High	6785	215	High	7025

For 802.11ax(HE160)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
15	Low	6025	111	Mid	6505
47	Mid	6185			
79	High	6345			

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
143	Low	6665	207	Mid	6985
175	High	6825			

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-5 Channel	U-NII-6 Channel	U-NII-7 Channel	U-NII-8 Channel
RF Output Power	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207
Emission Bandwidth & 99% Occupied Bandwidth	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207
Power Spectral Density	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207
Radiated Spurious Emissions	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207
Band Edge (Restricted -band)	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207
Contention Based Protocol	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215

	11ax (160 MHz)	34		15/47/79	111	143/175	207
In-Band Emissions	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax (160 MHz)	34		15/47/79	111	143/175	207

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01☆	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 987594 D03v01☆	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure 6 GHz (U-NII) Devices Part 15, Subpart E
4	KDB Publication 662911 D01v02r01☆	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	Power Spectral Density	15.407(a)	ANNEX A.3	Pass
5	Conducted Emission	15.207	ANNEX A.4	Pass
6	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.5	Pass
7	Contention Based Protocol	15.407(d)	ANNEX A.6	Pass
8	In-Band Emissions	15.407(b)	ANNEX A.7	Pass
Note [1]: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.				

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	51% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +24.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.08	2025.05.07

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

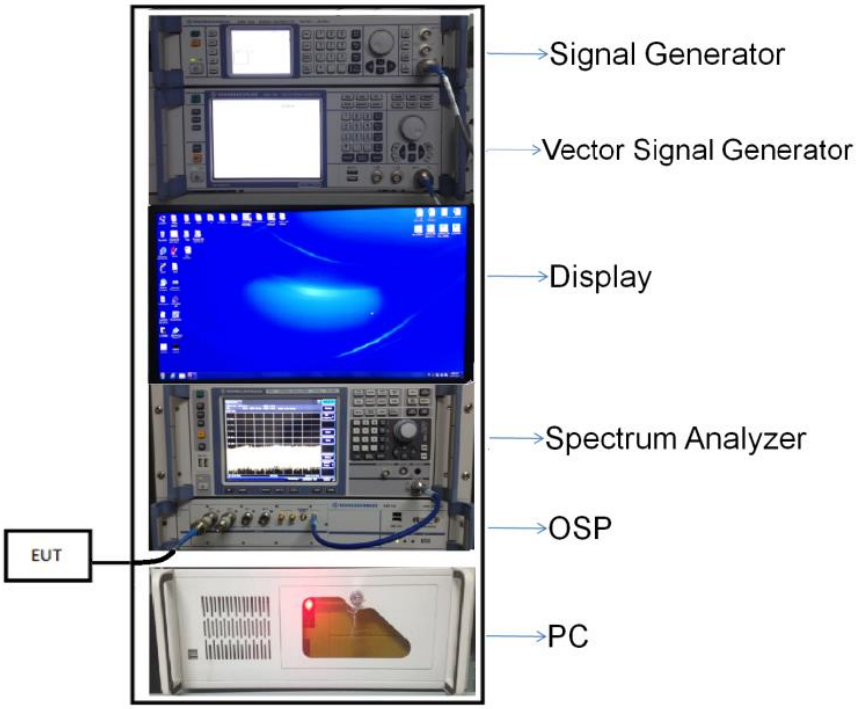
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

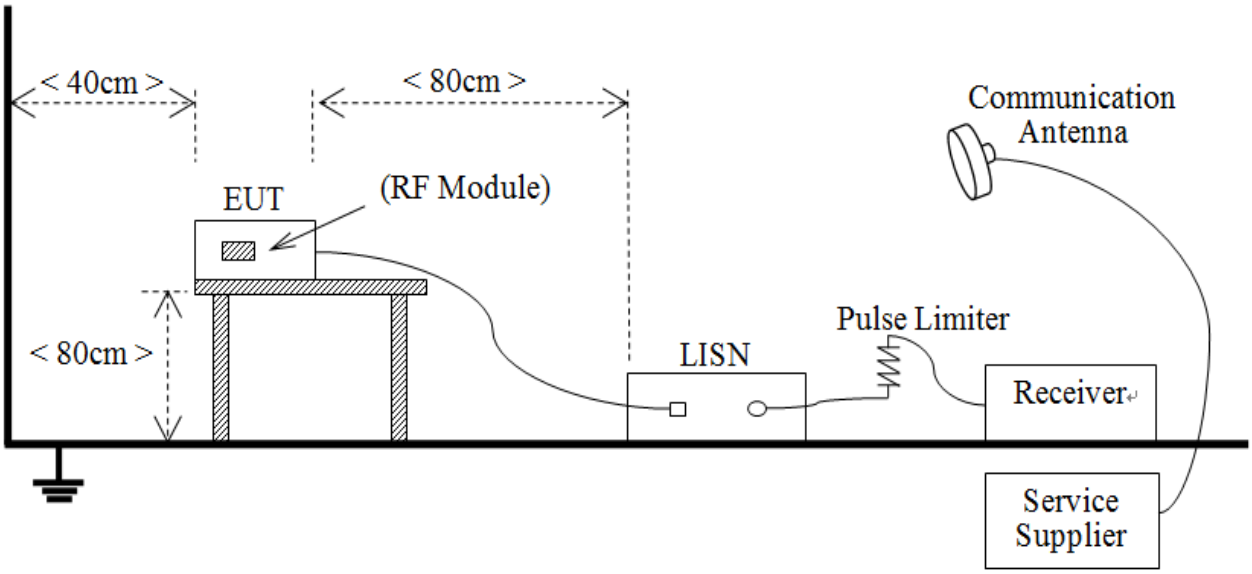
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



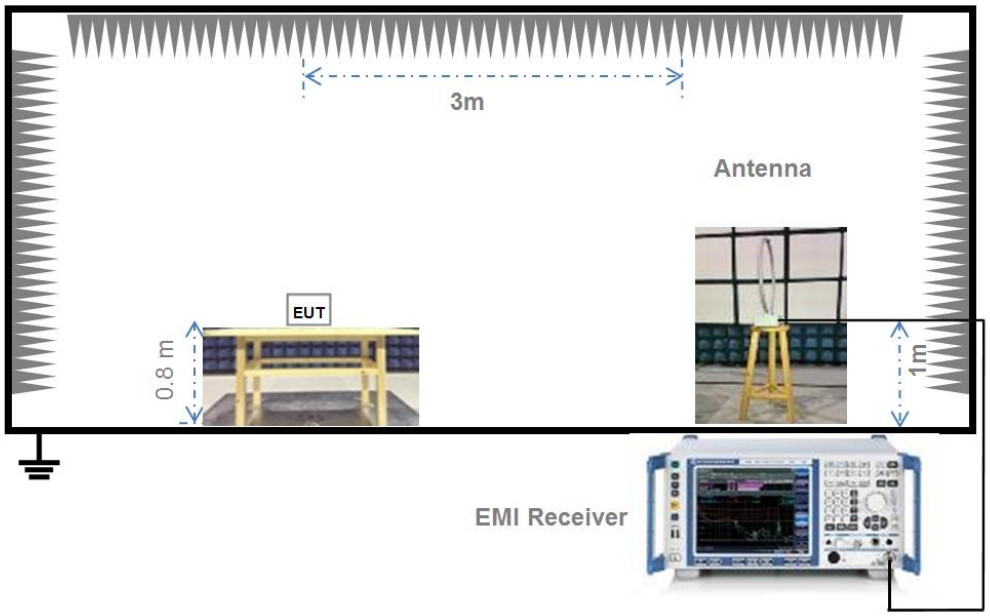
(Diagram 1)

4.5.2 For AC Power Supply Port Test



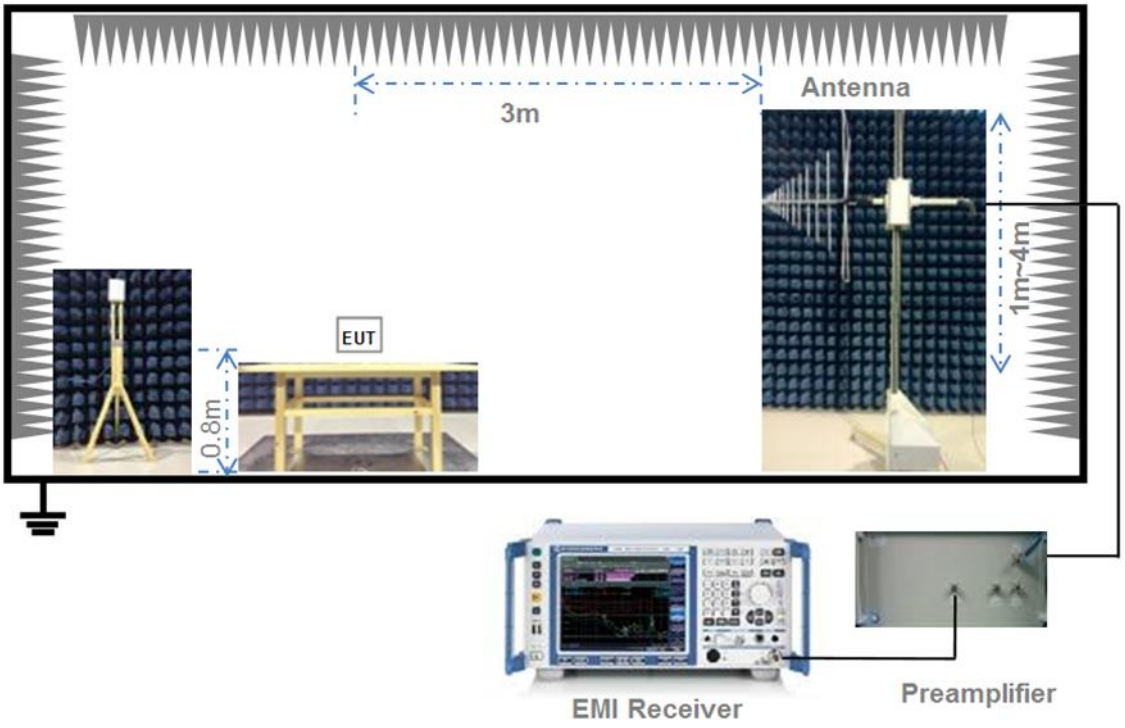
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



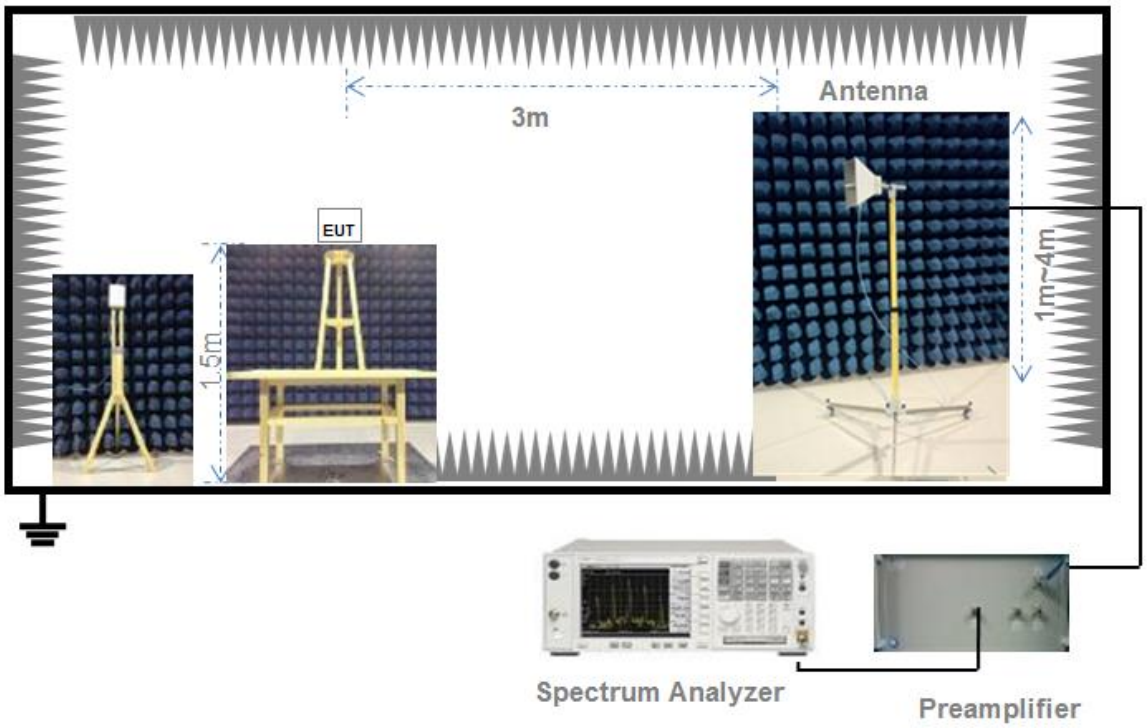
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
5925-7125	24 dBm (e.i.r.p.)
Note: Where “B” is the 26 dB emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
5925-7125	24 dBm
Note: Where “B” is the 99% emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth & 99% Occupied Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2; RSS-248, 4.4

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

5.2.4 Test Result

Please refer to ANNEX A.2.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz
5925-7125	-1 dBm/MHz (e.i.r.p.)

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
5925-7125	-1 dBm/MHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.
1. Set RBW = 510 kHz/1 MHz, VBW ≥ 3*RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.3.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.4.

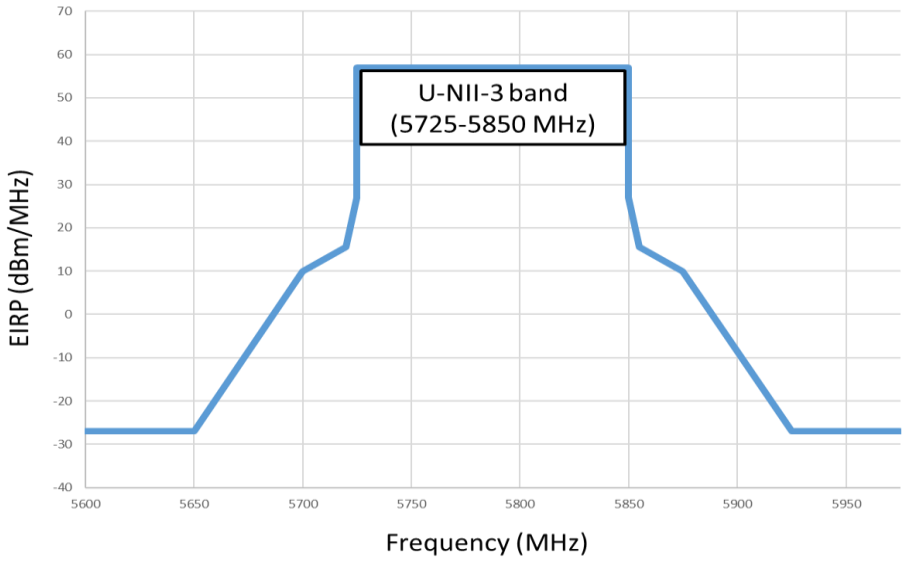
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

f) Compare the resultant electric field strength level to the applicable limit.

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International

Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB

averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is 10 log(1/x), where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Contention Based Protocol

5.6.1 Limit

FCC §15.15.407(d)

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

5.6.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The AWGN interference signal level is corrected according to the antenna gain, and the AWGN interference signal is modulated by the vector signal source. When AWGN interference exists, a spectrum analyzer is used to detect whether the EUT recognizes and stops transmission.

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 In-Band Emissions

5.7.1 Limit

FCC §15.15.407(b)

Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined

as the 26-dB point on either side of the carrier center frequency.)

b. Suppressed by 28 dB at one channel bandwidth from the channel center.

c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

5.7.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW $\geqslant$ 3 X RBW
d) Number of points in sweep $\geqslant$ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging)
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
b. Suppressed by 28 dB at one channel bandwidth from the channel center.
c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel

center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

5.7.4 Test Result

Please refer to ANNEX A.7.

ANNEX A TEST RESULT

A.1 RF Output Power

Note [1]: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11ax(HE20) (SU)	5.13	5.15	99.71%
11ax(HE40) (SU)	2.79	2.82	99.01%
11ax(HE80) (SU)	1.40	1.42	98.94%
11ax(HE160) (SU)	0.76	0.78	97.67%

Test Data

Conducted Power

Main Antenna

U-NII-5 (5925-6425MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH1	8.81	24	Pass
11ax(HE20) (SU)	CH45	9.08	24	Pass
11ax(HE20) (SU)	CH93	12.02	24	Pass
11ax(HE40) (SU)	CH3	12.66	24	Pass
11ax(HE40) (SU)	CH43	12.85	24	Pass
11ax(HE40) (SU)	CH91	14.48	24	Pass
11ax(HE80) (SU)	CH7	13.67	24	Pass
11ax(HE80) (SU)	CH39	13.09	24	Pass
11ax(HE80) (SU)	CH87	16.09	24	Pass
11ax(HE160) (SU)	CH15	9.79	24	Pass
11ax(HE160) (SU)	CH47	9.95	24	Pass
11ax(HE160) (SU)	CH79	12.39	24	Pass

U-NII-5 (5925-6425MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	1.64	24	Pass
		52	1.71	24	Pass
		106	1.72	24	Pass
		242	1.65	24	Pass
	CH45	26	2.38	24	Pass
		52	2.21	24	Pass
		106	1.98	24	Pass
		242	1.90	24	Pass
	CH93	26	2.88	24	Pass
		52	2.64	24	Pass
		106	2.48	24	Pass
		242	2.42	24	Pass
11ax(HE40) (RU)	CH3	484	12.63	24	Pass
	CH43	484	12.52	24	Pass
	CH91	484	13.60	24	Pass
11ax(HE80) (RU)	CH7	996	10.64	24	Pass
	CH39	996	11.25	24	Pass
	CH87	996	11.19	24	Pass
11ax(HE160) (RU)	CH15	996*2	11.82	24	Pass
	CH47	996*2	11.6	24	Pass
	CH79	996*2	11.27	24	Pass

U-NII-6 (6425-6525MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH97	11.27	24	Pass
11ax(HE20) (SU)	CH105	11.31	24	Pass
11ax(HE20) (SU)	CH113	10.76	24	Pass
11ax(HE40) (SU)	CH99	14.48	24	Pass
11ax(HE40) (SU)	CH107	14.19	24	Pass
11ax(HE40) (SU)	CH115	13.85	24	Pass
11ax(HE80) (SU)	CH103	15.34	24	Pass
11ax(HE80) (SU)	CH119	14.41	24	Pass
11ax(HE160) (SU)	CH111	11.78	24	Pass

U-NII-6 (6425-6525MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	2.18	24	Pass
		52	2.13	24	Pass
		106	2.11	24	Pass
		242	2.03	24	Pass
	CH105	26	2.42	24	Pass
		52	2.34	24	Pass
		106	2.21	24	Pass
		242	2.23	24	Pass
	CH113	26	1.77	24	Pass
		52	1.73	24	Pass
		106	1.61	24	Pass
		242	1.51	24	Pass
11ax(HE40) (RU)	CH99	484	14.39	24	Pass
	CH107	484	13.74	24	Pass
	CH115	484	13.75	24	Pass
11ax(HE80) (RU)	CH103	996	11.1	24	Pass
	CH119	996	10.79	24	Pass
11ax(HE160) (RU)	CH111	996*2	9.38	24	Pass

U-NII-7 (6425-6875MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH117	10.61	24	Pass
11ax(HE20) (SU)	CH153	8.07	24	Pass
11ax(HE20) (SU)	CH181	7.97	24	Pass
11ax(HE40) (SU)	CH123	13.40	24	Pass
11ax(HE40) (SU)	CH155	11.28	24	Pass
11ax(HE40) (SU)	CH179	11.15	24	Pass
11ax(HE80) (SU)	CH135	13.50	24	Pass
11ax(HE80) (SU)	CH151	12.34	24	Pass
11ax(HE80) (SU)	CH1167	12.06	24	Pass
11ax(HE160) (SU)	CH143	9.93	24	Pass
11ax(HE160) (SU)	CH175	8.71	24	Pass

U-NII-7 (6425-6875MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	2.03	24	Pass
		52	1.93	24	Pass
		106	1.75	24	Pass
		242	1.74	24	Pass
	CH153	26	1.92	24	Pass
		52	2.00	24	Pass
		106	1.91	24	Pass
		242	1.75	24	Pass
	CH181	26	1.75	24	Pass
		52	1.56	24	Pass
		106	1.63	24	Pass
		242	1.73	24	Pass
11ax(HE40) (RU)	CH123	484	12.09	24	Pass
	CH155	484	12.01	24	Pass
	CH179	484	10.75	24	Pass
11ax(HE80) (RU)	CH135	996	10.66	24	Pass
	CH151	996	10.86	24	Pass
	CH167	996	10.85	24	Pass
11ax(HE160) (RU)	CH143	996*2	11.29	24	Pass
	CH175	996*2	11.20	24	Pass

U-NII-8 (6875-7125MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH185	9.09	24	Pass
11ax(HE20) (SU)	CH213	11.34	24	Pass
11ax(HE20) (SU)	CH229	11.53	24	Pass
11ax(HE20) (SU)	CH233	11.45	24	Pass
11ax(HE40) (SU)	CH187	12.68	24	Pass
11ax(HE40) (SU)	CH211	14.56	24	Pass
11ax(HE40) (SU)	CH227	14.66	24	Pass
11ax(HE80) (SU)	CH183	13.25	24	Pass
11ax(HE80) (SU)	CH199	13.94	24	Pass
11ax(HE80) (SU)	CH215	15.35	24	Pass
11ax(HE160) (SU)	CH207	11.17	24	Pass

U-NII-8 (6875-7125MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	2.40	24	Pass
		52	2.41	24	Pass
		106	2.29	24	Pass
		242	2.20	24	Pass
	CH213	26	2.24	24	Pass
		52	2.29	24	Pass
		106	2.20	24	Pass
		242	2.15	24	Pass
	CH229	26	3.32	24	Pass
		52	3.20	24	Pass
		106	3.15	24	Pass
		242	3.02	24	Pass
	CH233	26	3.42	24	Pass
		52	3.29	24	Pass
		106	3.20	24	Pass
		242	3.15	24	Pass
11ax(HE40) (RU)	CH187	484	18.41	24	Pass
	CH211	484	17.65	24	Pass
	CH227	484	18.19	24	Pass
11ax(HE80) (RU)	CH183	996	11.34	24	Pass
	CH199	996	11.35	24	Pass
	CH215	996	11.96	24	Pass
11ax(HE160) (RU)	CH207	996*2	13.79	24	Pass

Aux. Antenna

U-NII-5 (5925-6425MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH1	9.34	24	Pass
11ax(HE20) (SU)	CH45	11.44	24	Pass
11ax(HE20) (SU)	CH93	11.29	24	Pass
11ax(HE40) (SU)	CH3	13.06	24	Pass
11ax(HE40) (SU)	CH43	14.85	24	Pass
11ax(HE40) (SU)	CH91	12.96	24	Pass
11ax(HE80) (SU)	CH7	14.99	24	Pass
11ax(HE80) (SU)	CH39	15.56	24	Pass
11ax(HE80) (SU)	CH87	15.51	24	Pass
11ax(HE160) (SU)	CH15	11.52	24	Pass
11ax(HE160) (SU)	CH47	12.62	24	Pass
11ax(HE160) (SU)	CH79	12.30	24	Pass

U-NII-5 (5925-6425MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	1.73	24	Pass
		52	1.52	24	Pass
		106	1.48	24	Pass
		242	1.44	24	Pass
	CH45	26	1.94	24	Pass
		52	1.82	24	Pass
		106	1.79	24	Pass
		242	1.74	24	Pass
	CH93	26	1.91	24	Pass
		52	1.82	24	Pass
		106	1.85	24	Pass
		242	1.75	24	Pass
11ax(HE40) (RU)	CH3	484	11.39	24	Pass
	CH43	484	11.12	24	Pass
	CH91	484	14.63	24	Pass
11ax(HE80) (RU)	CH7	996	9.60	24	Pass
	CH39	996	8.84	24	Pass
	CH87	996	12.18	24	Pass
11ax(HE160) (RU)	CH15	996*2	11.60	24	Pass
	CH47	996*2	11.30	24	Pass
	CH79	996*2	10.98	24	Pass

U-NII-6 (6425-6525MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH97	11.14	24	Pass
11ax(HE20) (SU)	CH105	11.08	24	Pass
11ax(HE20) (SU)	CH113	10.61	24	Pass
11ax(HE40) (SU)	CH99	14.43	24	Pass
11ax(HE40) (SU)	CH107	14.11	24	Pass
11ax(HE40) (SU)	CH115	13.97	24	Pass
11ax(HE80) (SU)	CH103	15.64	24	Pass
11ax(HE80) (SU)	CH119	15.15	24	Pass
11ax(HE160) (SU)	CH111	12.05	24	Pass

U-NII-6 (6425-6525MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	2.50	24	Pass
		52	2.28	24	Pass
		106	2.18	24	Pass
		242	1.97	24	Pass
	CH105	26	2.40	24	Pass
		52	2.17	24	Pass
		106	2.10	24	Pass
		242	2.01	24	Pass
	CH113	26	1.66	24	Pass
		52	1.61	24	Pass
		106	1.51	24	Pass
		242	1.47	24	Pass
11ax(HE40) (RU)	CH99	484	13.81	24	Pass
	CH107	484	13.42	24	Pass
	CH115	484	13.28	24	Pass
11ax(HE80) (RU)	CH103	996	11.81	24	Pass
	CH119	996	11.00	24	Pass
11ax(HE160) (RU)	CH111	996*2	9.53	24	Pass

U-NII-7 (6425-6875MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH117	10.91	24	Pass
11ax(HE20) (SU)	CH153	11.08	24	Pass
11ax(HE20) (SU)	CH181	10.92	24	Pass
11ax(HE40) (SU)	CH123	14.33	24	Pass
11ax(HE40) (SU)	CH155	14.36	24	Pass
11ax(HE40) (SU)	CH179	14.56	24	Pass
11ax(HE80) (SU)	CH135	15.35	24	Pass
11ax(HE80) (SU)	CH151	14.59	24	Pass
11ax(HE80) (SU)	CH1167	14.60	24	Pass
11ax(HE160) (SU)	CH143	11.22	24	Pass
11ax(HE160) (SU)	CH175	11.91	24	Pass

U-NII-7 (6425-6875MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	1.76	24	Pass
		52	1.61	24	Pass
		106	1.54	24	Pass
		242	1.37	24	Pass
	CH153	26	2.03	24	Pass
		52	1.82	24	Pass
		106	1.78	24	Pass
		242	1.71	24	Pass
	CH181	26	1.68	24	Pass
		52	1.61	24	Pass
		106	1.59	24	Pass
		242	1.51	24	Pass
11ax(HE40) (RU)	CH123	484	12.63	24	Pass
	CH155	484	11.42	24	Pass
	CH179	484	10.19	24	Pass
11ax(HE80) (RU)	CH135	996	9.96	24	Pass
	CH151	996	8.51	24	Pass
	CH167	996	7.86	24	Pass
11ax(HE160) (RU)	CH143	996*2	11.33	24	Pass
	CH175	996*2	11.11	24	Pass

U-NII-8 (6875-7125MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH185	11.23	24	Pass
11ax(HE20) (SU)	CH213	11.94	24	Pass
11ax(HE20) (SU)	CH229	12.33	24	Pass
11ax(HE20) (SU)	CH233	12.42	24	Pass
11ax(HE40) (SU)	CH187	14.8	24	Pass
11ax(HE40) (SU)	CH211	14.53	24	Pass
11ax(HE40) (SU)	CH227	15.24	24	Pass
11ax(HE80) (SU)	CH183	15.20	24	Pass
11ax(HE80) (SU)	CH199	15.23	24	Pass
11ax(HE80) (SU)	CH215	15.89	24	Pass
11ax(HE160) (SU)	CH207	12.54	24	Pass

U-NII-8 (6875-7125MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	2.39	24	Pass
		52	2.35	24	Pass
		106	2.20	24	Pass
		242	2.14	24	Pass
	CH213	26	2.28	24	Pass
		52	2.27	24	Pass
		106	2.24	24	Pass
		242	2.17	24	Pass
	CH229	26	3.41	24	Pass
		52	3.32	24	Pass
		106	3.18	24	Pass
		242	3.09	24	Pass
	CH233	26	3.56	24	Pass
		52	3.41	24	Pass
		106	3.37	24	Pass
		242	3.29	24	Pass
11ax(HE40) (RU)	CH187	484	12.28	24	Pass
	CH211	484	14.23	24	Pass
	CH227	484	14.34	24	Pass
11ax(HE80) (RU)	CH183	996	8.54	24	Pass
	CH199	996	9.24	24	Pass
	CH215	996	10.79	24	Pass
11ax(HE160) (RU)	CH207	996*2	13.54	24	Pass

MIMO

U-NII-5 (5925-6425MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH1	9.27	24	Pass
11ax(HE20) (SU)	CH45	10.16	24	Pass
11ax(HE20) (SU)	CH93	11.64	24	Pass
11ax(HE40) (SU)	CH3	12.87	24	Pass
11ax(HE40) (SU)	CH43	13.97	24	Pass
11ax(HE40) (SU)	CH91	13.99	24	Pass
11ax(HE80) (SU)	CH7	15.14	24	Pass
11ax(HE80) (SU)	CH39	15.45	24	Pass
11ax(HE80) (SU)	CH87	16.02	24	Pass
11ax(HE160) (SU)	CH15	10.98	24	Pass
11ax(HE160) (SU)	CH47	11.61	24	Pass
11ax(HE160) (SU)	CH79	12.28	24	Pass

U-NII-5 (5925-6425MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	0.12	24	Pass
		52	0.92	24	Pass
		106	1.03	24	Pass
		242	0.15	24	Pass
	CH45	26	0.95	24	Pass
		52	1.19	24	Pass
		106	0.55	24	Pass
		242	0.65	24	Pass
	CH93	26	1.00	24	Pass
		52	0.82	24	Pass
		106	0.76	24	Pass
		242	1.09	24	Pass
11ax(HE40) (RU)	CH3	484	12.01	24	Pass
	CH43	484	12.42	24	Pass
	CH91	484	12.48	24	Pass
11ax(HE80) (RU)	CH7	996	10.79	24	Pass
	CH39	996	10.91	24	Pass
	CH87	996	12.44	24	Pass
11ax(HE160) (RU)	CH15	996*2	8.74	24	Pass
	CH47	996*2	8.80	24	Pass
	CH79	996*2	8.79	24	Pass

U-NII-6 (6425-6525MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH97	11.31	24	Pass
11ax(HE20) (SU)	CH105	11.27	24	Pass
11ax(HE20) (SU)	CH113	10.80	24	Pass
11ax(HE40) (SU)	CH99	14.56	24	Pass
11ax(HE40) (SU)	CH107	14.34	24	Pass
11ax(HE40) (SU)	CH115	13.95	24	Pass
11ax(HE80) (SU)	CH103	15.61	24	Pass
11ax(HE80) (SU)	CH119	14.75	24	Pass
11ax(HE160) (SU)	CH111	12.02	24	Pass

U-NII-6 (6425-6525MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	0.61	24	Pass
		52	0.98	24	Pass
		106	0.93	24	Pass
		242	0.98	24	Pass
	CH105	26	0.80	24	Pass
		52	1.22	24	Pass
		106	1.22	24	Pass
		242	1.26	24	Pass
	CH113	26	1.09	24	Pass
		52	1.44	24	Pass
		106	1.39	24	Pass
		242	0.91	24	Pass
11ax(HE40) (RU)	CH99	484	12.76	24	Pass
	CH107	484	12.56	24	Pass
	CH115	484	12.26	24	Pass
11ax(HE80) (RU)	CH103	996	12.23	24	Pass
	CH119	996	11.56	24	Pass
11ax(HE160) (RU)	CH111	996*2	10.42	24	Pass

U-NII-7 (6425-6875MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH117	11.19	24	Pass
11ax(HE20) (SU)	CH153	9.67	24	Pass
11ax(HE20) (SU)	CH181	9.48	24	Pass
11ax(HE40) (SU)	CH123	13.93	24	Pass
11ax(HE40) (SU)	CH155	12.95	24	Pass
11ax(HE40) (SU)	CH179	13.32	24	Pass
11ax(HE80) (SU)	CH135	14.87	24	Pass
11ax(HE80) (SU)	CH151	13.86	24	Pass
11ax(HE80) (SU)	CH1167	13.86	24	Pass
11ax(HE160) (SU)	CH143	10.86	24	Pass
11ax(HE160) (SU)	CH175	10.74	24	Pass

U-NII-7 (6425-6875MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	1.04	24	Pass
		52	0.90	24	Pass
		106	1.09	24	Pass
		242	1.07	24	Pass
	CH153	26	1.06	24	Pass
		52	0.94	24	Pass
		106	1.30	24	Pass
		242	1.32	24	Pass
	CH181	26	1.33	24	Pass
		52	1.59	24	Pass
		106	1.48	24	Pass
		242	1.39	24	Pass
11ax(HE40) (RU)	CH123	484	13.11	24	Pass
	CH155	484	11.70	24	Pass
	CH179	484	11.71	24	Pass
11ax(HE80) (RU)	CH135	996	11.34	24	Pass
	CH151	996	10.59	24	Pass
	CH167	996	10.50	24	Pass
11ax(HE160) (RU)	CH143	996*2	11.13	24	Pass
	CH175	996*2	10.97	24	Pass

U-NII-8 (6875-7125MHz)				
Mode	Channel	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (SU)	CH185	10.58	24	Pass
11ax(HE20) (SU)	CH213	11.57	24	Pass
11ax(HE20) (SU)	CH229	12.06	24	Pass
11ax(HE20) (SU)	CH233	12.06	24	Pass
11ax(HE40) (SU)	CH187	14.20	24	Pass
11ax(HE40) (SU)	CH211	14.65	24	Pass
11ax(HE40) (SU)	CH227	15.21	24	Pass
11ax(HE80) (SU)	CH183	14.55	24	Pass
11ax(HE80) (SU)	CH199	14.77	24	Pass
11ax(HE80) (SU)	CH215	15.98	24	Pass
11ax(HE160) (SU)	CH207	11.96	24	Pass

U-NII-8 (6875-7125MHz)					
Mode	Channel	RU Config	EIRP Power (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	1.87	24	Pass
		52	1.81	24	Pass
		106	1.53	24	Pass
		242	1.46	24	Pass
	CH213	26	2.31	24	Pass
		52	1.90	24	Pass
		106	2.04	24	Pass
		242	1.95	24	Pass
	CH229	26	2.23	24	Pass
		52	2.05	24	Pass
		106	2.15	24	Pass
		242	2.10	24	Pass
	CH233	26	2.10	24	Pass
		52	2.11	24	Pass
		106	2.39	24	Pass
		242	2.22	24	Pass
11ax(HE40) (RU)	CH187	484	12.25	24	Pass
	CH211	484	12.59	24	Pass
	CH227	484	13.57	24	Pass
11ax(HE80) (RU)	CH183	996	11.27	24	Pass
	CH199	996	11.55	24	Pass
	CH215	996	11.93	24	Pass
11ax(HE160) (RU)	CH207	996*2	13.55	24	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SH240056-605 Data Part 1.pdf”.

Test Data

Main Antenna

U-NII-5 (5925-6425MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH1	21.67	18.93
11ax(HE20) (SU)	CH45	21.32	18.93
11ax(HE20) (SU)	CH93	21.54	18.93
11ax(HE40) (SU)	CH3	40.69	37.70
11ax(HE40) (SU)	CH43	40.73	37.67
11ax(HE40) (SU)	CH91	40.67	37.67
11ax(HE80) (SU)	CH7	82.84	77.20
11ax(HE80) (SU)	CH39	82.02	77.08
11ax(HE80) (SU)	CH87	82.21	77.11
11ax(HE160) (SU)	CH15	165.42	156.21
11ax(HE160) (SU)	CH47	165.23	155.95
11ax(HE160) (SU)	CH79	165.16	156.10

U-NII-6 (6425-6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH97	21.24	18.92
11ax(HE20) (SU)	CH105	21.58	18.91
11ax(HE20) (SU)	CH113	21.40	18.91
11ax(HE40) (SU)	CH99	40.69	37.66
11ax(HE40) (SU)	CH107	40.44	37.67
11ax(HE40) (SU)	CH115	40.69	37.66
11ax(HE80) (SU)	CH103	82.71	77.05
11ax(HE80) (SU)	CH119	82.14	77.23
11ax(HE160) (SU)	CH111	165.30	156.06

U-NII-7 (6425-6875MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH117	21.82	18.93
11ax(HE20) (SU)	CH153	21.73	18.92
11ax(HE20) (SU)	CH181	21.07	18.92
11ax(HE40) (SU)	CH123	40.86	37.69
11ax(HE40) (SU)	CH155	40.62	37.65
11ax(HE40) (SU)	CH179	40.84	37.68
11ax(HE80) (SU)	CH135	82.51	77.10
11ax(HE80) (SU)	CH151	82.70	77.13
11ax(HE80) (SU)	CH167	82.81	77.27
11ax(HE160) (SU)	CH143	166.41	156.33
11ax(HE160) (SU)	CH175	165.90	156.42

U-NII-8 (6875-7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH185	21.21	18.90
11ax(HE20) (SU)	CH213	21.43	18.90
11ax(HE20) (SU)	CH229	21.30	18.90
11ax(HE20) (SU)	CH233	21.36	18.93
11ax(HE40) (SU)	CH187	40.63	37.67
11ax(HE40) (SU)	CH211	40.56	37.69
11ax(HE40) (SU)	CH227	40.75	37.68
11ax(HE80) (SU)	CH183	82.40	77.22
11ax(HE80) (SU)	CH199	82.53	77.23
11ax(HE80) (SU)	CH215	82.60	77.22
11ax(HE160) (SU)	CH207	165.83	156.04

Aux. Antenna

U-NII-5 (5925-6425MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH1	21.05	18.92
11ax(HE20) (SU)	CH45	21.54	18.92
11ax(HE20) (SU)	CH93	21.59	18.91
11ax(HE40) (SU)	CH3	40.76	37.69
11ax(HE40) (SU)	CH43	40.58	37.66
11ax(HE40) (SU)	CH91	40.53	37.65
11ax(HE80) (SU)	CH7	82.17	77.02
11ax(HE80) (SU)	CH39	82.56	77.15
11ax(HE80) (SU)	CH87	82.77	77.25
11ax(HE160) (SU)	CH15	165.65	155.89
11ax(HE160) (SU)	CH47	166.09	156.05
11ax(HE160) (SU)	CH79	165.91	156.07

U-NII-6 (6425-6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH97	21.18	18.92
11ax(HE20) (SU)	CH105	21.54	18.91
11ax(HE20) (SU)	CH113	21.51	18.91
11ax(HE40) (SU)	CH99	40.82	37.66
11ax(HE40) (SU)	CH107	40.73	37.68
11ax(HE40) (SU)	CH115	40.45	37.65
11ax(HE80) (SU)	CH103	82.91	77.24
11ax(HE80) (SU)	CH119	82.13	77.08
11ax(HE160) (SU)	CH111	166.01	156.37

U-NII-7 (6425-6875MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH117	21.39	18.92
11ax(HE20) (SU)	CH153	21.11	18.91
11ax(HE20) (SU)	CH181	21.51	18.92
11ax(HE40) (SU)	CH123	40.83	37.68
11ax(HE40) (SU)	CH155	40.74	37.66
11ax(HE40) (SU)	CH179	40.44	37.68
11ax(HE80) (SU)	CH135	82.34	77.14
11ax(HE80) (SU)	CH151	82.74	77.14
11ax(HE80) (SU)	CH167	82.06	77.24
11ax(HE160) (SU)	CH143	165.26	155.78
11ax(HE160) (SU)	CH175	165.30	156.07

U-NII-8 (6875-7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20) (SU)	CH185	21.05	18.93
11ax(HE20) (SU)	CH213	21.12	18.91
11ax(HE20) (SU)	CH229	21.48	18.93
11ax(HE20) (SU)	CH233	21.02	18.91
11ax(HE40) (SU)	CH187	40.70	37.69
11ax(HE40) (SU)	CH211	40.58	37.74
11ax(HE40) (SU)	CH227	40.72	37.83
11ax(HE80) (SU)	CH183	82.15	77.13
11ax(HE80) (SU)	CH199	83.92	77.49
11ax(HE80) (SU)	CH215	81.98	77.35
11ax(HE160) (SU)	CH207	165.83	156.42

A.3 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SH2440056-605 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-5 (5925-6425MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH1	-3.28	-1.00	Pass
11ax(HE20) (SU)	CH45	-1.91	-1.00	Pass
11ax(HE20) (SU)	CH93	-1.92	-1.00	Pass
11ax(HE40) (SU)	CH3	-3.07	-1.00	Pass
11ax(HE40) (SU)	CH43	-1.95	-1.00	Pass
11ax(HE40) (SU)	CH91	-2.72	-1.00	Pass
11ax(HE80) (SU)	CH7	-4.56	-1.00	Pass
11ax(HE80) (SU)	CH39	-4.00	-1.00	Pass
11ax(HE80) (SU)	CH87	-3.73	-1.00	Pass
11ax(HE160) (SU)	CH15	-11.08	-1.00	Pass
11ax(HE160) (SU)	CH47	-10.23	-1.00	Pass
11ax(HE160) (SU)	CH79	-10.06	-1.00	Pass

U-NII-5 (5925-6425MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH1	26	-2.23	-1.00	Pass
		52	-5.24	-1.00	Pass
		106	-8.05	-1.00	Pass
		242	-11.57	-1.00	Pass
	CH45	26	-1.69	-1.00	Pass
		52	-4.72	-1.00	Pass
		106	-7.55	-1.00	Pass
		242	-11.12	-1.00	Pass
	CH93	26	-2.23	-1.00	Pass
		52	-4.03	-1.00	Pass
		106	-7.45	-1.00	Pass
		242	-11.01	-1.00	Pass
11ax(HE40) (RU)	CH3	484	-4.82	-1.00	Pass
	CH43	484	-3.04	-1.00	Pass
	CH91	484	-2.56	-1.00	Pass
11ax(HE80) (RU)	CH7	996	-9.51	-1.00	Pass
	CH39	996	-8.21	-1.00	Pass
	CH87	996	-8.19	-1.00	Pass
11ax(HE160) (RU)	CH15	996*2	-8.59	-1.00	Pass
	CH47	996*2	-6.58	-1.00	Pass
	CH79	996*2	-5.63	-1.00	Pass

U-NII-6 (6425-6525MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH97	-2.55	-1.00	Pass
11ax(HE20) (SU)	CH105	-2.51	-1.00	Pass
11ax(HE20) (SU)	CH113	-2.85	-1.00	Pass
11ax(HE40) (SU)	CH99	-1.92	-1.00	Pass
11ax(HE40) (SU)	CH107	-2.34	-1.00	Pass
11ax(HE40) (SU)	CH115	-2.43	-1.00	Pass
11ax(HE80) (SU)	CH103	-4.00	-1.00	Pass
11ax(HE80) (SU)	CH119	-4.48	-1.00	Pass
11ax(HE160) (SU)	CH111	-10.83	-1.00	Pass

U-NII-6 (6425-6525MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH97	26	-4.17	-1.00	Pass
		52	-3.50	-1.00	Pass
		106	-7.09	-1.00	Pass
		242	-10.67	-1.00	Pass
	CH105	26	-3.59	-1.00	Pass
		52	-3.72	-1.00	Pass
		106	-7.23	-1.00	Pass
		242	-10.77	-1.00	Pass
	CH113	26	-4.31	-1.00	Pass
		52	-3.90	-1.00	Pass
		106	-7.03	-1.00	Pass
		242	-10.62	-1.00	Pass
11ax(HE40) (RU)	CH99	484	-2.47	-1.00	Pass
	CH107	484	-3.00	-1.00	Pass
	CH115	484	-3.18	-1.00	Pass
11ax(HE80) (RU)	CH103	996	-7.04	-1.00	Pass
	CH119	996	-8.08	-1.00	Pass
11ax(HE160) (RU)	CH111	996*2	-6.55	-1.00	Pass

U-NII-7 (6425-6875MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH117	-2.82	-1.00	Pass
11ax(HE20) (SU)	CH153	-1.59	-1.00	Pass
11ax(HE20) (SU)	CH181	-1.97	-1.00	Pass
11ax(HE40) (SU)	CH123	-1.55	-1.00	Pass
11ax(HE40) (SU)	CH155	-1.30	-1.00	Pass
11ax(HE40) (SU)	CH179	-1.17	-1.00	Pass
11ax(HE80) (SU)	CH135	-3.36	-1.00	Pass
11ax(HE80) (SU)	CH151	-4.31	-1.00	Pass
11ax(HE80) (SU)	CH167	-4.24	-1.00	Pass
11ax(HE160) (SU)	CH143	-10.62	-1.00	Pass
11ax(HE160) (SU)	CH175	-10.65	-1.00	Pass

U-NII-7 (6425-6875MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH117	26	-1.47	-1.00	Pass
		52	-4.51	-1.00	Pass
		106	-6.71	-1.00	Pass
		242	-10.99	-1.00	Pass
	CH153	26	-2.54	-1.00	Pass
		52	-3.84	-1.00	Pass
		106	-6.16	-1.00	Pass
		242	-9.56	-1.00	Pass
	CH181	26	-1.81	-1.00	Pass
		52	-3.75	-1.00	Pass
		106	-6.40	-1.00	Pass
		242	-9.93	-1.00	Pass
11ax(HE40) (RU)	CH123	484	-3.18	-1.00	Pass
	CH155	484	-3.80	-1.00	Pass
	CH179	484	-3.12	-1.00	Pass
11ax(HE80) (RU)	CH135	996	-7.48	-1.00	Pass
	CH151	996	-8.50	-1.00	Pass
	CH167	996	-8.14	-1.00	Pass
11ax(HE160) (RU)	CH143	996*2	-7.31	-1.00	Pass
	CH175	996*2	-7.21	-1.00	Pass

U-NII-8 (6875-7125MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH185	-2.03	-1.00	Pass
11ax(HE20) (SU)	CH213	-1.79	-1.00	Pass
11ax(HE20) (SU)	CH229	-1.31	-1.00	Pass
11ax(HE20) (SU)	CH233	-3.86	-1.00	Pass
11ax(HE40) (SU)	CH187	-1.04	-1.00	Pass
11ax(HE40) (SU)	CH211	-1.45	-1.00	Pass
11ax(HE40) (SU)	CH227	-1.92	-1.00	Pass
11ax(HE80) (SU)	CH183	-3.41	-1.00	Pass
11ax(HE80) (SU)	CH199	-3.50	-1.00	Pass
11ax(HE80) (SU)	CH215	-2.65	-1.00	Pass
11ax(HE160) (SU)	CH207	-9.27	-1.00	Pass

U-NII-8 (6875-7125MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH185	26	-1.97	-1.00	Pass
		52	-3.37	-1.00	Pass
		106	-5.99	-1.00	Pass
		242	-9.50	-1.00	Pass
	CH213	26	-1.39	-1.00	Pass
		52	-3.06	-1.00	Pass
		106	-5.95	-1.00	Pass
		242	-9.44	-1.00	Pass
	CH229	26	-1.08	-1.00	Pass
		52	-4.04	-1.00	Pass
		106	-6.51	-1.00	Pass
		242	-9.99	-1.00	Pass
	CH233	26	-1.41	-1.00	Pass
		52	-4.52	-1.00	Pass
		106	-6.90	-1.00	Pass
		242	-10.39	-1.00	Pass
11ax(HE40) (RU)	CH187	484	-2.13	-1.00	Pass
	CH211	484	-1.31	-1.00	Pass
	CH227	484	-1.31	-1.00	Pass
11ax(HE80) (RU)	CH183	996	-7.50	-1.00	Pass
	CH199	996	-7.01	-1.00	Pass
	CH215	996	-7.30	-1.00	Pass
11ax(HE160) (RU)	CH207	996*2	-6.24	-1.00	Pass

Aux. Antenna

U-NII-5 (5925-6425MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH1	-3.06	-1.00	Pass
11ax(HE20) (SU)	CH45	-3.72	-1.00	Pass
11ax(HE20) (SU)	CH93	-0.45	-1.00	Pass
11ax(HE40) (SU)	CH3	-2.66	-1.00	Pass
11ax(HE40) (SU)	CH43	-3.36	-1.00	Pass
11ax(HE40) (SU)	CH91	-3.36	-1.00	Pass
11ax(HE80) (SU)	CH7	-4.74	-1.00	Pass
11ax(HE80) (SU)	CH39	-6.13	-1.00	Pass
11ax(HE80) (SU)	CH87	-3.07	-1.00	Pass
11ax(HE160) (SU)	CH15	-11.83	-1.00	Pass
11ax(HE160) (SU)	CH47	-12.53	-1.00	Pass
11ax(HE160) (SU)	CH79	-10.28	-1.00	Pass

U-NII-5 (5925-6425MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH1	26	-3.36	-1.00	Pass
		52	-6.31	-1.00	Pass
		106	-9.42	-1.00	Pass
		242	-12.97	-1.00	Pass
	CH45	26	-2.35	-1.00	Pass
		52	-5.36	-1.00	Pass
		106	-8.49	-1.00	Pass
		242	-11.98	-1.00	Pass
	CH93	26	-2.18	-1.00	Pass
		52	-5.20	-1.00	Pass
		106	-8.85	-1.00	Pass
		242	-12.34	-1.00	Pass
11ax(HE40) (RU)	CH3	484	-4.25	-1.00	Pass
	CH43	484	-5.08	-1.00	Pass
	CH91	484	-1.40	-1.00	Pass
11ax(HE80) (RU)	CH7	996	-6.14	-1.00	Pass
	CH39	996	-7.97	-1.00	Pass
	CH87	996	-3.87	-1.00	Pass
11ax(HE160) (RU)	CH15	996*2	-7.69	-1.00	Pass
	CH47	996*2	-9.78	-1.00	Pass
	CH79	996*2	-7.19	-1.00	Pass

U-NII-6 (6425-6525MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH97	-1.70	-1.00	Pass
11ax(HE20) (SU)	CH105	-1.43	-1.00	Pass
11ax(HE20) (SU)	CH113	-1.41	-1.00	Pass
11ax(HE40) (SU)	CH99	-1.44	-1.00	Pass
11ax(HE40) (SU)	CH107	-1.52	-1.00	Pass
11ax(HE40) (SU)	CH115	-1.31	-1.00	Pass
11ax(HE80) (SU)	CH103	-3.57	-1.00	Pass
11ax(HE80) (SU)	CH119	-3.67	-1.00	Pass
11ax(HE160) (SU)	CH111	-10.09	-1.00	Pass

U-NII-6 (6425-6525MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH97	26	-1.71	-1.00	Pass
		52	-4.74	-1.00	Pass
		106	-7.96	-1.00	Pass
		242	-11.43	-1.00	Pass
	CH105	26	-1.76	-1.00	Pass
		52	-4.78	-1.00	Pass
		106	-7.99	-1.00	Pass
		242	-11.55	-1.00	Pass
	CH113	26	-2.26	-1.00	Pass
		52	-5.25	-1.00	Pass
		106	-8.52	-1.00	Pass
		242	-12.09	-1.00	Pass
11ax(HE40) (RU)	CH99	484	-2.15	-1.00	Pass
	CH107	484	-2.44	-1.00	Pass
	CH115	484	-2.31	-1.00	Pass
11ax(HE80) (RU)	CH103	996	-4.43	-1.00	Pass
	CH119	996	-4.92	-1.00	Pass
11ax(HE160) (RU)	CH111	996*2	-6.12	-1.00	Pass

U-NII-7 (6425-6875MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH117	-3.95	-1.00	Pass
11ax(HE20) (SU)	CH153	-3.35	-1.00	Pass
11ax(HE20) (SU)	CH181	-4.12	-1.00	Pass
11ax(HE40) (SU)	CH123	-1.11	-1.00	Pass
11ax(HE40) (SU)	CH155	-3.16	-1.00	Pass
11ax(HE40) (SU)	CH179	-4.10	-1.00	Pass
11ax(HE80) (SU)	CH135	-4.14	-1.00	Pass
11ax(HE80) (SU)	CH151	-5.34	-1.00	Pass
11ax(HE80) (SU)	CH167	-6.78	-1.00	Pass
11ax(HE160) (SU)	CH143	-11.50	-1.00	Pass
11ax(HE160) (SU)	CH175	-13.54	-1.00	Pass

U-NII-7 (6425-6875MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH117	26	-2.00	-1.00	Pass
		52	-5.03	-1.00	Pass
		106	-8.30	-1.00	Pass
		242	-11.80	-1.00	Pass
	CH153	26	-1.15	-1.00	Pass
		52	-4.17	-1.00	Pass
		106	-7.44	-1.00	Pass
		242	-10.99	-1.00	Pass
	CH181	26	-1.54	-1.00	Pass
		52	-4.57	-1.00	Pass
		106	-7.67	-1.00	Pass
		242	-11.16	-1.00	Pass
11ax(HE40) (RU)	CH123	484	-2.76	-1.00	Pass
	CH155	484	-5.23	-1.00	Pass
	CH179	484	-5.98	-1.00	Pass
11ax(HE80) (RU)	CH135	996	-5.60	-1.00	Pass
	CH151	996	-6.42	-1.00	Pass
	CH167	996	-7.53	-1.00	Pass
11ax(HE160) (RU)	CH143	996*2	-6.24	-1.00	Pass
	CH175	996*2	-9.15	-1.00	Pass

U-NII-8 (6875-7125MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (SU)	CH185	-3.59	-1.00	Pass
11ax(HE20) (SU)	CH213	-1.87	-1.00	Pass
11ax(HE20) (SU)	CH229	-2.91	-1.00	Pass
11ax(HE20) (SU)	CH233	-1.15	-1.00	Pass
11ax(HE40) (SU)	CH187	-3.17	-1.00	Pass
11ax(HE40) (SU)	CH211	-2.57	-1.00	Pass
11ax(HE40) (SU)	CH227	-2.27	-1.00	Pass
11ax(HE80) (SU)	CH183	-7.29	-1.00	Pass
11ax(HE80) (SU)	CH199	-7.69	-1.00	Pass
11ax(HE80) (SU)	CH215	-8.42	-1.00	Pass
11ax(HE160) (SU)	CH207	-14.73	-1.00	Pass

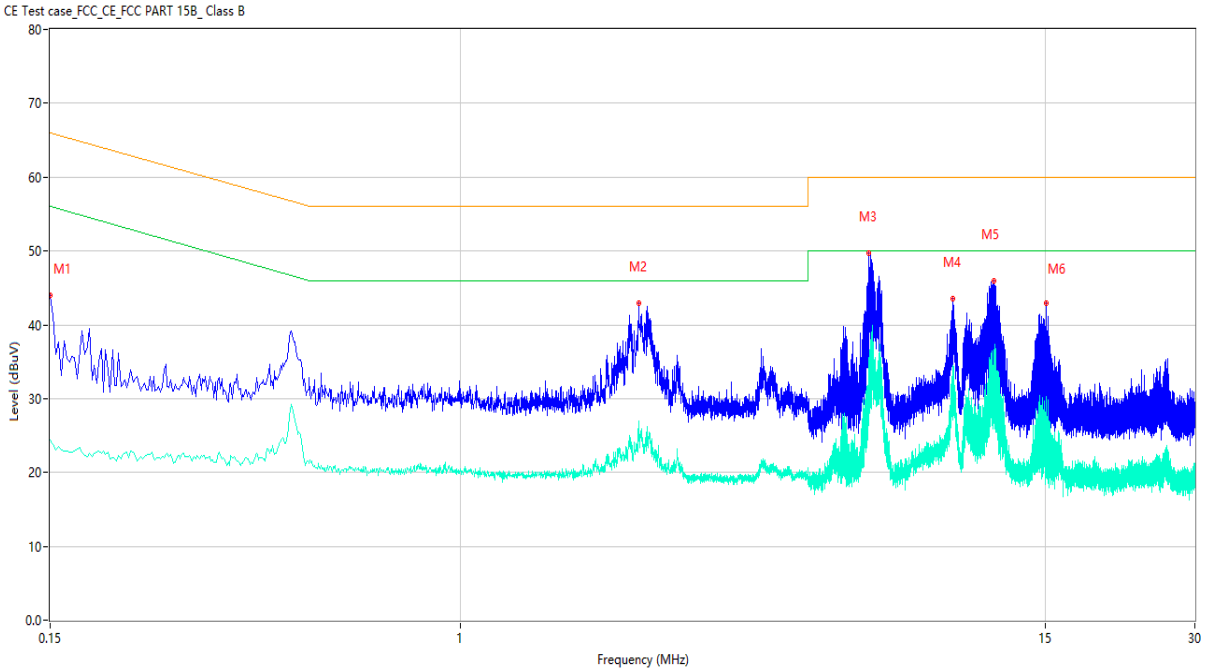
U-NII-8 (6875-7125MHz)					
Mode	Channel	RU Config	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20) (RU)	CH185	26	-1.73	-1.00	Pass
		52	-3.85	-1.00	Pass
		106	-6.91	-1.00	Pass
		242	-10.38	-1.00	Pass
	CH213	26	-1.85	-1.00	Pass
		52	-3.88	-1.00	Pass
		106	-6.49	-1.00	Pass
		242	-9.69	-1.00	Pass
	CH229	26	-1.29	-1.00	Pass
		52	-2.53	-1.00	Pass
		106	-6.13	-1.00	Pass
		242	-9.56	-1.00	Pass
	CH233	26	-1.26	-1.00	Pass
		52	-2.93	-1.00	Pass
		106	-5.99	-1.00	Pass
		242	-9.36	-1.00	Pass
11ax(HE40) (RU)	CH187	484	-2.72	-1.00	Pass
	CH211	484	-3.12	-1.00	Pass
	CH227	484	-3.01	-1.00	Pass
11ax(HE80) (RU)	CH183	996	-6.85	-1.00	Pass
	CH199	996	-6.10	-1.00	Pass
	CH215	996	-4.95	-1.00	Pass
11ax(HE160) (RU)	CH207	996*2	-8.40	-1.00	Pass

A.4 Conducted Emissions

Note: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

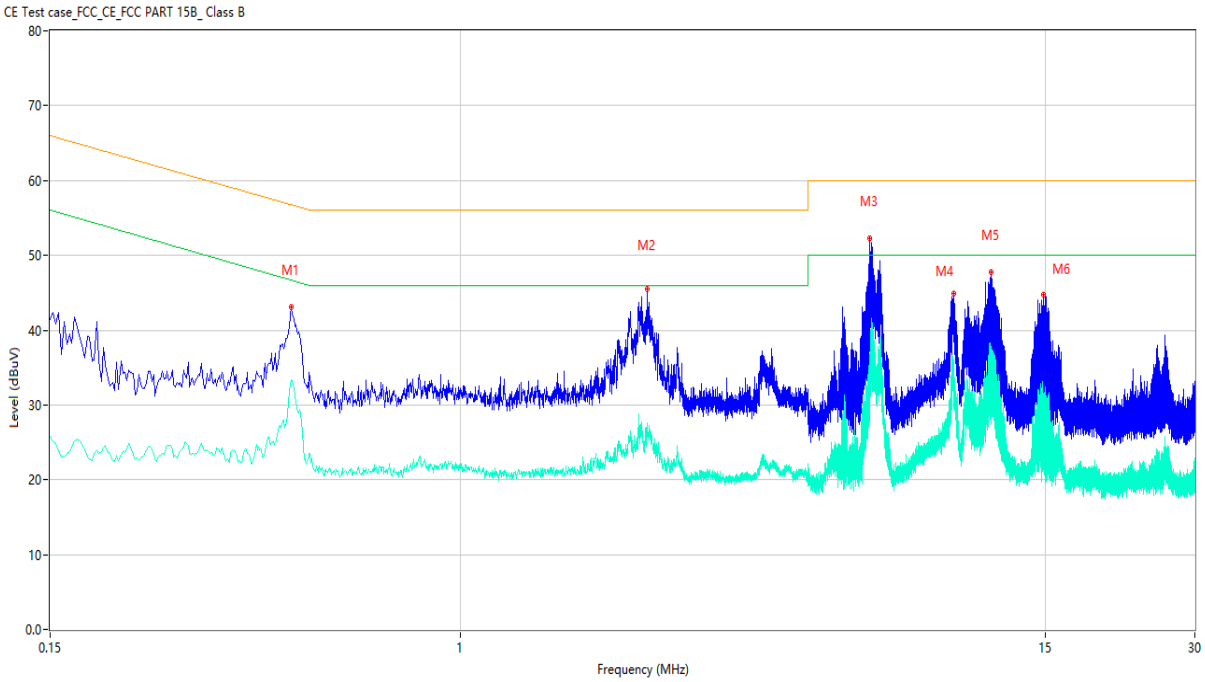
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	44.03	9.75	66.00	21.97	Peak	L	Pass
1**	0.150	24.38	9.75	56.00	31.62	AV	L	Pass
2	2.286	42.94	9.68	56.00	13.06	Peak	L	Pass
2**	2.286	26.90	9.68	46.00	19.10	AV	L	Pass
3	6.644	49.69	9.59	60.00	10.31	Peak	L	Pass
3**	6.644	35.58	9.59	50.00	14.42	AV	L	Pass
4	9.800	43.50	9.49	60.00	16.50	Peak	L	Pass
4**	9.800	34.55	9.49	50.00	15.45	AV	L	Pass
5	11.820	45.92	9.40	60.00	14.08	Peak	L	Pass
5**	11.820	33.67	9.40	50.00	16.33	AV	L	Pass
6	15.090	42.88	9.25	60.00	17.12	Peak	L	Pass
6**	15.090	30.21	9.25	50.00	19.79	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.458	43.06	9.79	56.73	13.67	Peak	N	Pass
1**	0.458	33.28	9.79	46.73	13.45	AV	N	Pass
2	2.378	45.48	9.86	56.00	10.52	Peak	N	Pass
2**	2.378	27.43	9.86	46.00	18.57	AV	N	Pass
3	6.666	52.31	9.81	60.00	7.69	Peak	N	Pass
3**	6.666	35.20	9.81	50.00	14.80	AV	N	Pass
4	9.840	44.85	9.73	60.00	15.15	Peak	N	Pass
4**	9.840	33.39	9.73	50.00	16.61	AV	N	Pass
5	11.668	47.78	9.66	60.00	12.22	Peak	N	Pass
5**	11.668	35.76	9.66	50.00	14.24	AV	N	Pass
6	14.876	44.72	9.52	60.00	15.28	Peak	N	Pass
6**	14.876	31.49	9.52	50.00	18.51	AV	N	Pass

A.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

Test Data

Note [1]: The symbol of "--" in the table which means not application.

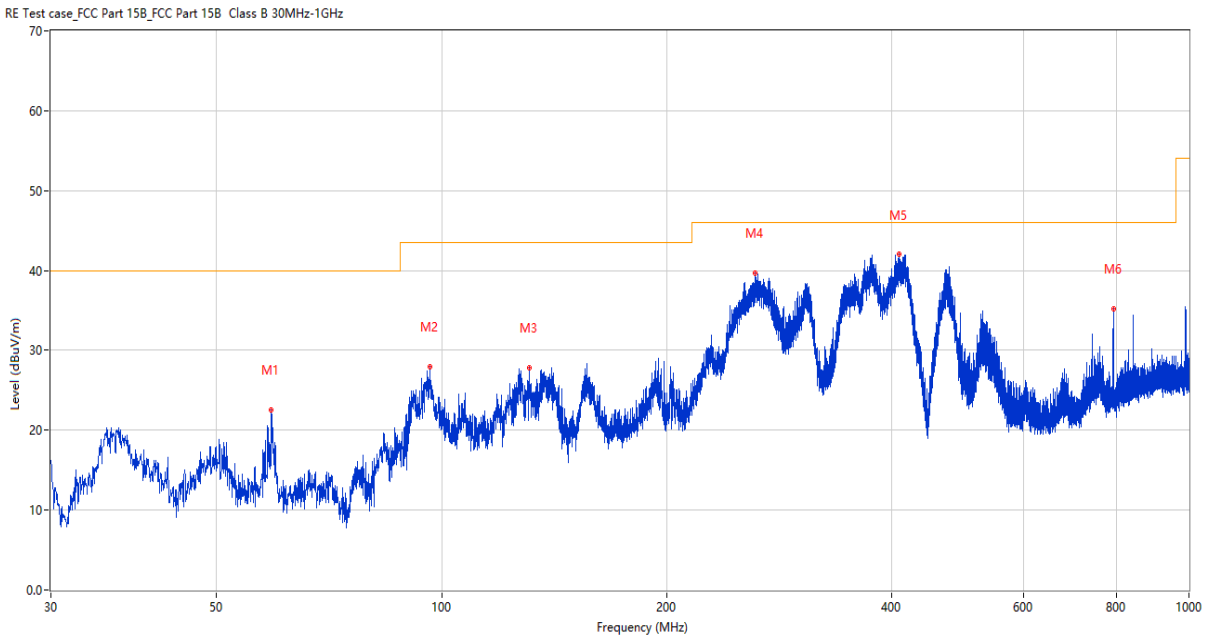
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

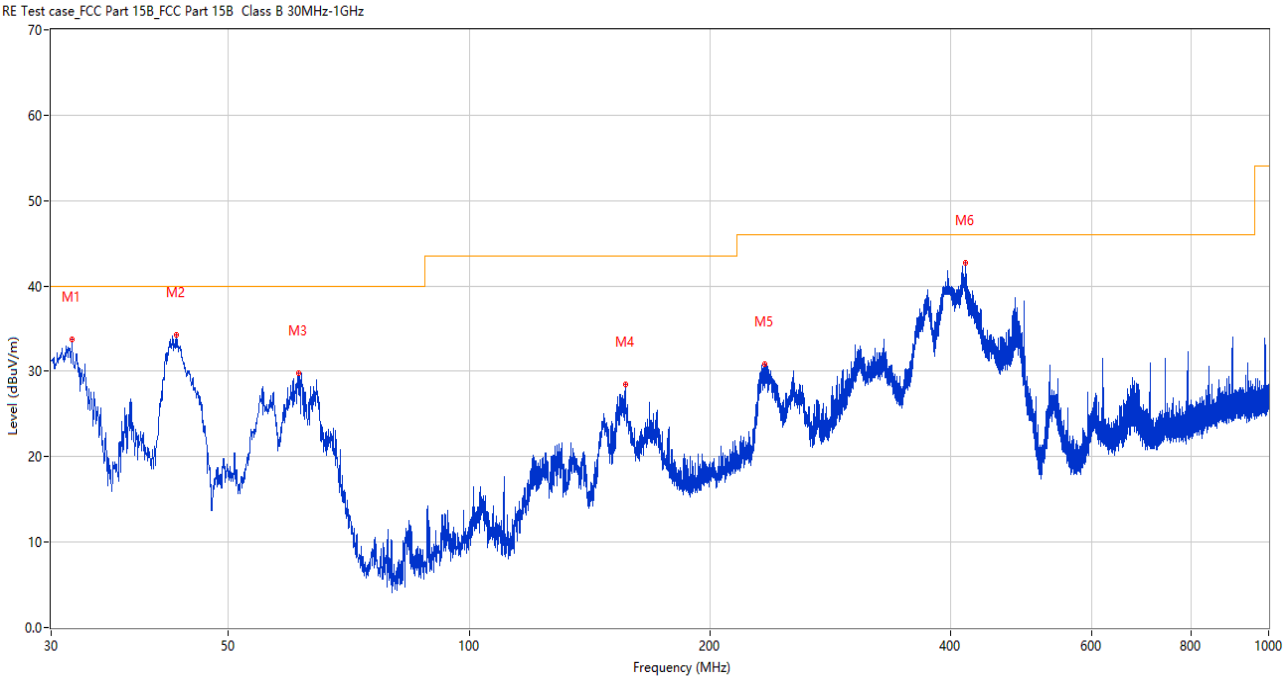
Note [5]: For Multiple transmitter output, the quantity *10 log (NANT)* dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding *10 log(NANT)* if the measurements are made relative to the in-band emissions on the individual outputs.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.100	22.50	-25.98	40.0	17.50	Peak	128.00	100	Horizontal	Pass
2	96.493	27.93	-26.67	43.5	15.57	Peak	160.00	200	Horizontal	Pass
3	130.977	27.82	-29.31	43.5	15.68	Peak	358.00	200	Horizontal	Pass
4	262.557	39.70	-24.51	46.0	6.30	Peak	108.00	100	Horizontal	Pass
5	409.513	41.99	-20.59	46.0	4.01	Peak	163.00	100	Horizontal	Pass
6	743.499	32.76	-15.36	36.0	3.24	Peak	207.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.843	33.78	-28.91	40.0	6.22	Peak	206.00	100	Vertical	Pass
2	43.047	34.26	-25.16	40.0	5.74	Peak	138.00	100	Vertical	Pass
3	61.137	29.85	-26.47	40.0	10.15	Peak	100.00	200	Vertical	Pass
4	157.070	28.54	-29.32	43.5	14.96	Peak	273.00	100	Vertical	Pass
5	234.331	30.91	-25.04	46.0	15.09	Peak	150.00	200	Vertical	Pass
6	417.466	42.67	-20.34	46.0	3.33	Peak	4.00	100	Vertical	Pass
1	31.843	33.78	-28.91	40.0	6.22	Peak	206.00	100	Vertical	Pass

Note: The spurious above 18G is noise only, do not show on the report.

Main Antenna

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	45.99	-16.25	74.0	28.01	Peak	246.00	150	Horizontal	Pass
1**	1328.700	36.96	-16.25	54.0	17.04	AV	246.00	150	Horizontal	Pass
2	1998.500	46.93	-14.46	88.2	41.27	Peak	181.00	150	Horizontal	Pass
2**	1998.500	35.31	-14.46	68.2	32.89	AV	181.00	150	Horizontal	Pass
3	2437.500	46.89	-12.56	88.2	41.31	Peak	360.00	150	Horizontal	Pass
3**	2437.500	39.44	-12.56	68.2	28.76	AV	360.00	150	Horizontal	Pass
4	6170.500	96.59	1.30	--	167.41	Peak	264.00	150	Horizontal	N/A
4**	6170.500	87.64	1.30	--	-87.64	AV	264.00	150	Horizontal	N/A
5	10058.174	48.97	-0.97	88.2	39.23	Peak	256.00	150	Horizontal	Pass
5**	10058.174	38.82	-0.97	68.2	29.38	AV	256.00	150	Horizontal	Pass
6	14329.725	52.06	0.75	88.2	36.14	Peak	16.00	150	Horizontal	Pass
6**	14329.725	42.42	0.75	68.2	25.78	AV	16.00	150	Horizontal	Pass

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	49.04	-16.27	74.0	24.96	Peak	101.00	150	Vertical	Pass
1**	1332.000	38.04	-16.27	54.0	15.96	AV	101.00	150	Vertical	Pass
2	1997.800	53.96	-14.49	88.2	34.24	Peak	109.00	150	Vertical	Pass
2**	1997.800	35.89	-14.49	68.2	32.31	AV	109.00	150	Vertical	Pass
3	4976.000	53.53	-1.26	74.0	20.47	Peak	35.00	150	Vertical	Pass
3**	4976.000	43.26	-1.26	54.0	10.74	AV	35.00	150	Vertical	Pass
4	6166.750	99.27	1.39	--	-9.27	Peak	90.00	150	Vertical	N/A
4**	6166.750	88.70	1.39	--	-88.70	AV	90.00	150	Vertical	N/A
5	10080.500	49.29	-0.83	88.2	38.91	Peak	306.00	150	Vertical	Pass
5**	10080.500	39.03	-0.83	68.2	29.17	AV	306.00	150	Vertical	Pass
6	16108.951	52.32	1.59	74.0	21.68	Peak	360.00	150	Vertical	Pass
6**	16108.951	41.58	1.59	54.0	12.42	AV	360.00	150	Vertical	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	46.20	-16.27	74.0	27.80	Peak	360.00	150	Horizontal	Pass
1**	1331.800	34.96	-16.27	54.0	19.04	AV	360.00	150	Horizontal	Pass
2	1903.300	43.97	-15.52	88.2	44.23	Peak	347.00	150	Horizontal	Pass
2**	1903.300	32.96	-15.52	68.2	35.24	AV	347.00	150	Horizontal	Pass
3	3930.000	51.57	-2.57	74.0	22.43	Peak	212.00	150	Horizontal	Pass
3**	3930.000	41.96	-2.57	54.0	12.04	AV	212.00	150	Horizontal	Pass
4	6152.500	93.29	1.55	--	171.71	Peak	265.00	150	Horizontal	N/A
4**	6152.500	84.72	1.55	--	-84.72	AV	265.00	150	Horizontal	N/A
5	11372.500	50.37	-1.36	74.0	23.63	Peak	279.00	150	Horizontal	Pass
5**	11372.500	41.41	-1.36	54.0	12.59	AV	279.00	150	Horizontal	Pass
6	16330.762	52.89	2.30	88.2	35.31	Peak	15.00	150	Horizontal	Pass
6**	16330.762	43.08	2.30	68.2	25.12	AV	15.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	48.81	-16.27	74.0	25.19	Peak	161.00	150	Vertical	Pass
1**	1331.200	38.64	-16.27	54.0	15.36	AV	161.00	150	Vertical	Pass
2	2000.700	51.47	-14.46	88.2	36.73	Peak	113.00	150	Vertical	Pass
2**	2000.700	34.85	-14.46	68.2	33.35	AV	113.00	150	Vertical	Pass
3	5093.250	53.72	-0.80	74.0	20.28	Peak	0.00	150	Vertical	Pass
3**	5093.250	44.13	-0.80	54.0	9.87	AV	0.00	150	Vertical	Pass
4	6161.250	96.29	1.47	--	-10.29	Peak	86.00	150	Vertical	N/A
4**	6161.250	87.93	1.47	--	-87.93	AV	86.00	150	Vertical	N/A
5	11203.637	49.88	-1.31	74.0	24.12	Peak	360.00	150	Vertical	Pass
5**	11203.637	39.78	-1.31	54.0	14.22	AV	360.00	150	Vertical	Pass
6	15727.275	52.13	1.16	74.0	21.87	Peak	340.00	150	Vertical	Pass
6**	15727.275	42.43	1.16	54.0	11.57	AV	340.00	150	Vertical	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	49.22	-16.28	74.0	24.78	Peak	90.00	150	Horizontal	Pass
1**	1332.500	38.32	-16.28	54.0	15.68	AV	90.00	150	Horizontal	Pass
2	2124.800	47.86	-13.29	88.2	40.34	Peak	192.00	150	Horizontal	Pass
2**	2124.800	31.35	-13.29	68.2	36.85	AV	192.00	150	Horizontal	Pass
3	5051.500	53.68	-0.99	74.0	20.32	Peak	247.00	150	Horizontal	Pass
3**	5051.500	43.46	-0.99	54.0	10.54	AV	247.00	150	Horizontal	Pass
4	6126.000	91.12	1.17	--	155.88	Peak	247.00	150	Horizontal	N/A
4**	6126.000	80.80	1.17	--	-80.80	AV	247.00	150	Horizontal	N/A
5	9975.287	48.78	-0.58	88.2	39.42	Peak	184.00	150	Horizontal	Pass
5**	9975.287	39.57	-0.58	68.2	28.63	AV	184.00	150	Horizontal	Pass
6	15672.150	52.08	1.62	74.0	21.92	Peak	118.00	150	Horizontal	Pass
6**	15672.150	42.59	1.62	54.0	11.41	AV	118.00	150	Horizontal	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	48.19	-16.25	74.0	25.81	Peak	167.00	150	Vertical	Pass
1**	1329.700	35.46	-16.25	54.0	18.54	AV	167.00	150	Vertical	Pass
2	1994.500	54.39	-14.52	88.2	33.81	Peak	120.00	150	Vertical	Pass
2**	1994.500	40.31	-14.52	68.2	27.89	AV	120.00	150	Vertical	Pass
3	5041.500	53.79	-1.14	74.0	20.21	Peak	360.00	150	Vertical	Pass
3**	5041.500	43.73	-1.14	54.0	10.27	AV	360.00	150	Vertical	Pass
4	6134.750	94.52	1.08	--	-6.52	Peak	88.00	150	Vertical	N/A
4**	6134.750	84.40	1.08	--	-84.40	AV	88.00	150	Vertical	N/A
5	11291.987	49.69	-1.49	74.0	24.31	Peak	35.00	150	Vertical	Pass
5**	11291.987	39.67	-1.49	54.0	14.33	AV	35.00	150	Vertical	Pass
6	16293.750	52.86	2.34	88.2	35.34	Peak	16.00	150	Vertical	Pass
6**	16293.750	42.93	2.34	68.2	25.27	AV	16.00	150	Vertical	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	47.53	-16.27	74.0	26.47	Peak	203.00	150	Horizontal	Pass
1**	1331.700	37.43	-16.27	54.0	16.57	AV	203.00	150	Horizontal	Pass
2	1997.600	45.87	-14.50	88.2	42.33	Peak	218.00	150	Horizontal	Pass
2**	1997.600	36.10	-14.50	68.2	32.10	AV	218.00	150	Horizontal	Pass
3	4851.750	53.71	-1.11	74.0	20.29	Peak	5.00	150	Horizontal	Pass
3**	4851.750	43.28	-1.11	54.0	10.72	AV	5.00	150	Horizontal	Pass
4	6154.750	89.18	1.54	--	168.82	Peak	258.00	150	Horizontal	N/A
4**	6154.750	77.91	1.54	--	-77.91	AV	258.00	150	Horizontal	N/A
5	11323.338	49.65	-1.51	74.0	24.35	Peak	129.00	150	Horizontal	Pass
5**	11323.338	39.24	-1.51	54.0	14.76	AV	129.00	150	Horizontal	Pass
6	15137.700	51.68	0.67	88.2	36.52	Peak	169.00	150	Horizontal	Pass
6**	15137.700	41.71	0.67	68.2	26.49	AV	169.00	150	Horizontal	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	48.98	-16.25	74.0	25.02	Peak	158.00	150	Vertical	Pass
1**	1329.900	40.92	-16.25	54.0	13.08	AV	158.00	150	Vertical	Pass
2	1993.300	55.36	-14.53	88.2	32.84	Peak	129.00	150	Vertical	Pass
2**	1993.300	44.69	-14.53	68.2	23.51	AV	129.00	150	Vertical	Pass
3	5197.500	53.94	-1.06	88.2	34.26	Peak	113.00	150	Vertical	Pass
3**	5197.500	43.64	-1.06	68.2	24.56	AV	113.00	150	Vertical	Pass
4	6160.750	91.75	1.49	--	-15.75	Peak	76.00	150	Vertical	N/A
4**	6160.750	81.47	1.49	--	-81.47	AV	76.00	150	Vertical	N/A
5	9891.450	49.12	-1.15	88.2	39.08	Peak	106.00	150	Vertical	Pass
5**	9891.450	38.76	-1.15	68.2	29.44	AV	106.00	150	Vertical	Pass
6	14594.850	51.19	1.10	88.2	37.01	Peak	274.00	150	Vertical	Pass
6**	14594.850	41.56	1.10	68.2	26.64	AV	274.00	150	Vertical	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.800	47.47	-13.31	88.2	40.73	Peak	176.00	150	Horizontal	Pass
1**	2127.800	33.56	-13.31	68.2	34.64	AV	176.00	150	Horizontal	Pass
2	3932.000	51.69	-2.67	74.0	22.31	Peak	130.00	150	Horizontal	Pass
2**	3932.000	42.50	-2.67	54.0	11.50	AV	130.00	150	Horizontal	Pass
3	5227.750	53.96	-0.82	88.2	34.24	Peak	360.00	150	Horizontal	Pass
3**	5227.750	44.39	-0.82	68.2	23.81	AV	360.00	150	Horizontal	Pass
4	7011.000	95.17	2.47	--	-18.17	Peak	77.00	150	Horizontal	N/A
4**	7011.000	85.72	2.47	--	-85.72	AV	77.00	150	Horizontal	N/A
5	11910.438	50.45	-1.05	74.0	23.55	Peak	301.00	150	Horizontal	Pass
5**	11910.438	39.93	-1.05	54.0	14.07	AV	301.00	150	Horizontal	Pass
6	16303.988	52.91	2.06	88.2	35.29	Peak	64.00	150	Horizontal	Pass
6**	16303.988	42.54	2.06	68.2	25.66	AV	64.00	150	Horizontal	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1728.300	49.40	-16.09	88.2	38.80	Peak	113.00	150	Vertical	Pass
1**	1728.300	40.07	-16.09	68.2	28.13	AV	113.00	150	Vertical	Pass
2	1993.200	51.96	-14.54	88.2	36.24	Peak	160.00	150	Vertical	Pass
2**	1993.200	35.26	-14.54	68.2	32.94	AV	160.00	150	Vertical	Pass
3	4630.250	52.00	-1.53	74.0	22.00	Peak	360.00	150	Vertical	Pass
3**	4630.250	42.86	-1.53	54.0	11.14	AV	360.00	150	Vertical	Pass
4	7020.250	100.24	2.38	--	173.76	Peak	274.00	150	Vertical	N/A
4**	7020.250	91.66	2.38	--	-91.66	AV	274.00	150	Vertical	N/A
5	12506.325	51.25	-0.12	74.0	22.75	Peak	0.00	150	Vertical	Pass
5**	12506.325	41.54	-0.12	54.0	12.46	AV	0.00	150	Vertical	Pass
6	16331.550	52.00	2.27	88.2	36.20	Peak	237.00	150	Vertical	Pass
6**	16331.550	43.43	2.27	68.2	24.77	AV	237.00	150	Vertical	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	47.25	-16.24	74.0	26.75	Peak	20.00	150	Horizontal	Pass
1**	1329.200	37.11	-16.24	54.0	16.89	AV	20.00	150	Horizontal	Pass
2	2131.000	47.32	-13.40	88.2	40.88	Peak	356.00	150	Horizontal	Pass
2**	2131.000	38.75	-13.40	68.2	29.45	AV	356.00	150	Horizontal	Pass
3	4935.750	54.09	-0.71	74.0	19.91	Peak	221.00	150	Horizontal	Pass
3**	4935.750	44.16	-0.71	54.0	9.84	AV	221.00	150	Horizontal	Pass
4	7013.250	96.36	2.50	--	140.64	Peak	237.00	150	Horizontal	N/A
4**	7013.250	85.65	2.50	--	-85.65	AV	237.00	150	Horizontal	N/A
5	9363.724	48.99	-2.02	74.0	25.01	Peak	53.00	150	Horizontal	Pass
5**	9363.724	38.18	-2.02	54.0	15.82	AV	53.00	150	Horizontal	Pass
6	14101.613	51.89	0.25	88.2	36.31	Peak	60.00	150	Horizontal	Pass
6**	14101.613	41.68	0.25	68.2	26.52	AV	60.00	150	Horizontal	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.800	52.65	-16.28	74.0	21.35	Peak	120.00	150	Vertical	Pass
1**	1598.800	35.58	-16.28	54.0	18.42	AV	120.00	150	Vertical	Pass
2	1998.000	50.79	-14.48	88.2	37.41	Peak	160.00	150	Vertical	Pass
2**	1998.000	37.79	-14.48	68.2	30.41	AV	160.00	150	Vertical	Pass
3	3927.250	51.40	-2.59	74.0	22.60	Peak	5.00	150	Vertical	Pass
3**	3927.250	42.37	-2.59	54.0	11.63	AV	5.00	150	Vertical	Pass
4	7002.500	100.99	1.98	--	173.01	Peak	274.00	150	Vertical	N/A
4**	7002.500	92.65	1.98	--	-92.65	AV	274.00	150	Vertical	N/A
5	11165.638	49.50	-1.22	74.0	24.50	Peak	151.00	150	Vertical	Pass
5**	11165.638	39.79	-1.22	54.0	14.21	AV	151.00	150	Vertical	Pass
6	15168.151	51.63	0.35	88.2	36.57	Peak	345.00	150	Vertical	Pass
6**	15168.151	42.23	0.35	68.2	25.97	AV	345.00	150	Vertical	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1998.300	48.85	-14.46	88.2	39.35	Peak	358.00	150	Horizontal	Pass
1**	1998.300	35.43	-14.46	68.2	32.77	AV	358.00	150	Horizontal	Pass
2	2436.200	49.40	-12.60	88.2	38.80	Peak	359.00	150	Horizontal	Pass
2**	2436.200	31.80	-12.60	68.2	36.40	AV	359.00	150	Horizontal	Pass
3	5064.750	53.46	-0.98	74.0	20.54	Peak	257.00	150	Horizontal	Pass
3**	5064.750	44.13	-0.98	54.0	9.87	AV	257.00	150	Horizontal	Pass
4	6946.250	90.75	1.57	--	182.25	Peak	273.00	150	Horizontal	N/A
4**	6946.250	80.11	1.57	--	-80.11	AV	273.00	150	Horizontal	N/A
5	10774.950	49.41	-0.82	74.0	24.59	Peak	360.00	150	Horizontal	Pass
5**	10774.950	39.45	-0.82	54.0	14.55	AV	360.00	150	Horizontal	Pass
6	16605.338	52.18	1.86	88.2	36.02	Peak	272.00	150	Horizontal	Pass
6**	16605.338	42.41	1.86	68.2	25.79	AV	272.00	150	Horizontal	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1999.300	54.14	-14.45	88.2	34.06	Peak	130.00	150	Vertical	Pass
1**	1999.300	35.41	-14.45	68.2	32.79	AV	130.00	150	Vertical	Pass
2	2436.900	47.41	-12.58	88.2	40.79	Peak	320.00	150	Vertical	Pass
2**	2436.900	41.10	-12.58	68.2	27.10	AV	320.00	150	Vertical	Pass
3	5859.250	55.76	0.29	88.2	32.44	Peak	94.00	150	Vertical	Pass
3**	5859.250	45.51	0.29	68.2	22.69	AV	94.00	150	Vertical	Pass
4	6948.750	96.09	1.60	--	174.91	Peak	271.00	150	Vertical	N/A
4**	6948.750	86.65	1.60	--	-86.65	AV	271.00	150	Vertical	N/A
5	11139.512	49.51	-1.43	74.0	24.49	Peak	300.00	150	Vertical	Pass
5**	11139.512	39.43	-1.43	54.0	14.57	AV	300.00	150	Vertical	Pass
6	15068.137	51.51	1.04	88.2	36.69	Peak	276.00	150	Vertical	Pass
6**	15068.137	41.24	1.04	68.2	26.96	AV	276.00	150	Vertical	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	47.11	-16.27	74.0	26.89	Peak	282.00	150	Horizontal	Pass
1**	1327.200	33.18	-16.27	54.0	20.82	AV	282.00	150	Horizontal	Pass
2	1996.800	45.70	-14.52	88.2	42.50	Peak	150.00	150	Horizontal	Pass
2**	1996.800	37.25	-14.52	68.2	30.95	AV	150.00	150	Horizontal	Pass
3	4418.500	51.48	-2.15	88.2	36.72	Peak	0.00	150	Horizontal	Pass
3**	4418.500	41.99	-2.15	68.2	26.21	AV	0.00	150	Horizontal	Pass
4	6963.250	88.40	1.52	--	165.60	Peak	254.00	150	Horizontal	N/A
4**	6963.250	78.12	1.52	--	-78.12	AV	254.00	150	Horizontal	N/A
5	11111.012	49.85	-1.40	74.0	24.15	Peak	103.00	150	Horizontal	Pass
5**	11111.012	39.61	-1.40	54.0	14.39	AV	103.00	150	Horizontal	Pass
6	16762.574	52.25	1.90	88.2	35.95	Peak	344.00	150	Horizontal	Pass
6**	16762.574	42.59	1.90	68.2	25.61	AV	344.00	150	Horizontal	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1730.800	52.64	-16.22	88.2	35.56	Peak	112.00	150	Vertical	Pass
1**	1730.800	39.74	-16.22	68.2	28.46	AV	112.00	150	Vertical	Pass
2	2123.200	50.00	-13.30	88.2	38.20	Peak	105.00	150	Vertical	Pass
2**	2123.200	34.10	-13.30	68.2	34.10	AV	105.00	150	Vertical	Pass
3	5054.500	53.34	-0.96	74.0	20.66	Peak	5.00	150	Vertical	Pass
3**	5054.500	44.36	-0.96	54.0	9.64	AV	5.00	150	Vertical	Pass
4	6957.750	93.96	1.51	--	180.04	Peak	274.00	150	Vertical	N/A
4**	6957.750	82.99	1.51	--	-82.99	AV	274.00	150	Vertical	N/A
5	10216.588	48.90	-1.04	88.2	39.30	Peak	0.00	150	Vertical	Pass
5**	10216.588	39.36	-1.04	68.2	28.84	AV	0.00	150	Vertical	Pass
6	16348.875	51.72	2.15	88.2	36.48	Peak	344.00	150	Vertical	Pass
6**	16348.875	42.74	2.15	68.2	25.46	AV	344.00	150	Vertical	Pass

11ax20(RU26), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1951.300	46.35	-14.85	88.2	41.85	Peak	138.00	150	Horizontal	Pass
1**	1951.300	35.89	-14.85	68.2	32.31	AV	138.00	150	Horizontal	Pass
2	3058.750	48.35	-6.09	88.2	39.85	Peak	139.00	150	Horizontal	Pass
2**	3058.750	37.73	-6.09	68.2	30.47	AV	139.00	150	Horizontal	Pass
3	5627.750	53.96	-0.27	88.2	34.24	Peak	347.00	150	Horizontal	Pass
3**	5627.750	45.22	-0.27	68.2	22.98	AV	347.00	150	Horizontal	Pass
4	6166.000	79.89	1.40	--	166.11	Peak	246.00	150	Horizontal	N/A
4**	6166.000	72.22	1.40	--	-72.22	AV	246.00	150	Horizontal	N/A
5	9979.325	48.65	-0.73	88.2	39.55	Peak	360.00	150	Horizontal	Pass
5**	9979.325	39.01	-0.73	68.2	29.19	AV	360.00	150	Horizontal	Pass
6	14592.487	51.33	1.40	88.2	36.87	Peak	52.00	150	Horizontal	Pass
6**	14592.487	42.93	1.40	68.2	25.27	AV	52.00	150	Horizontal	Pass

11ax20(RU26), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1261.800	46.54	-16.35	88.2	41.66	Peak	97.00	150	Vertical	Pass
1**	1261.800	36.75	-16.35	68.2	31.45	AV	97.00	150	Vertical	Pass
2	1992.600	50.99	-14.55	88.2	37.21	Peak	88.00	150	Vertical	Pass
2**	1992.600	31.50	-14.55	68.2	36.70	AV	88.00	150	Vertical	Pass
3	2665.600	52.71	-10.61	88.2	35.49	Peak	97.00	150	Vertical	Pass
3**	2665.600	38.64	-10.61	68.2	29.56	AV	97.00	150	Vertical	Pass
4	6166.750	86.78	1.39	--	0.22	Peak	87.00	150	Vertical	N/A
4**	6166.750	78.29	1.39	--	-78.29	AV	87.00	150	Vertical	N/A
5	9981.225	49.59	-0.70	88.2	38.61	Peak	233.00	150	Vertical	Pass
5**	9981.225	39.24	-0.70	68.2	28.96	AV	233.00	150	Vertical	Pass
6	13758.000	50.92	0.03	88.2	37.28	Peak	355.00	150	Vertical	Pass
6**	13758.000	41.77	0.03	68.2	26.43	AV	355.00	150	Vertical	Pass

11ax40(RU484), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2128.900	47.47	-13.35	88.2	40.73	Peak	87.00	150	Horizontal	Pass
1**	2128.900	33.67	-13.35	68.2	34.53	AV	87.00	150	Horizontal	Pass
2	3123.750	47.23	-6.08	88.2	40.97	Peak	356.00	150	Horizontal	Pass
2**	3123.750	38.11	-6.08	68.2	30.09	AV	356.00	150	Horizontal	Pass
3	6178.750	89.81	1.18	--	122.19	Peak	212.00	150	Horizontal	N/A
3**	6178.750	80.98	1.18	--	-80.98	AV	212.00	150	Horizontal	N/A
4	10277.862	48.52	-1.25	88.2	39.68	Peak	360.00	150	Horizontal	Pass
4**	10277.862	38.32	-1.25	68.2	29.88	AV	360.00	150	Horizontal	Pass
5	14250.713	51.64	-0.00	88.2	36.56	Peak	332.00	150	Horizontal	Pass
5**	14250.713	41.13	-0.00	68.2	27.07	AV	332.00	150	Horizontal	Pass
6	15216.187	51.81	1.70	88.2	36.39	Peak	50.00	150	Horizontal	Pass
6**	15216.187	42.06	1.70	68.2	26.14	AV	50.00	150	Horizontal	Pass

11ax40(RU484), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2131.300	54.17	-13.42	88.2	34.03	Peak	71.00	150	Vertical	Pass
1**	2131.300	36.74	-13.42	68.2	31.46	AV	71.00	150	Vertical	Pass
2	3083.250	47.92	-6.20	88.2	40.28	Peak	33.00	150	Vertical	Pass
2**	3083.250	38.06	-6.20	68.2	30.14	AV	33.00	150	Vertical	Pass
3	3450.000	46.92	-5.52	88.2	41.28	Peak	332.00	150	Vertical	Pass
3**	3450.000	37.54	-5.52	68.2	30.66	AV	332.00	150	Vertical	Pass
4	6155.250	96.75	1.53	--	7.25	Peak	104.00	150	Vertical	N/A
4**	6155.250	86.61	1.53	--	-86.61	AV	104.00	150	Vertical	N/A
5	10492.800	48.81	-1.01	88.2	39.39	Peak	353.00	150	Vertical	Pass
5**	10492.800	39.98	-1.01	68.2	28.22	AV	353.00	150	Vertical	Pass
6	14864.700	51.68	0.86	88.2	36.52	Peak	155.00	150	Vertical	Pass
6**	14864.700	42.28	0.86	68.2	25.92	AV	155.00	150	Vertical	Pass

11ax80(RU996), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.800	48.33	-14.49	88.2	39.87	Peak	157.00	150	Horizontal	Pass
1**	1997.800	36.33	-14.49	68.2	31.87	AV	157.00	150	Horizontal	Pass
2	3062.250	47.12	-6.10	88.2	41.08	Peak	283.00	150	Horizontal	Pass
2**	3062.250	38.34	-6.10	68.2	29.86	AV	283.00	150	Horizontal	Pass
3	5673.250	54.39	0.03	88.2	33.81	Peak	176.00	150	Horizontal	Pass
3**	5673.250	45.79	0.03	68.2	22.41	AV	176.00	150	Horizontal	Pass
4	6109.000	88.26	1.16	--	141.74	Peak	230.00	150	Horizontal	N/A
4**	6109.000	82.01	1.16	--	-82.01	AV	230.00	150	Horizontal	N/A
5	9964.363	48.69	-0.70	88.2	39.51	Peak	331.00	150	Horizontal	Pass
5**	9964.363	39.10	-0.70	68.2	29.10	AV	331.00	150	Horizontal	Pass
6	14371.200	51.92	1.68	88.2	36.28	Peak	355.00	150	Horizontal	Pass
6**	14371.200	41.47	1.68	68.2	26.73	AV	355.00	150	Horizontal	Pass

11ax80(RU996), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.200	52.65	-14.54	88.2	35.55	Peak	90.00	150	Vertical	Pass
1**	1993.200	43.83	-14.54	68.2	24.37	AV	90.00	150	Vertical	Pass
2	2659.700	50.14	-10.79	88.2	38.06	Peak	90.00	150	Vertical	Pass
2**	2659.700	40.19	-10.79	68.2	28.01	AV	90.00	150	Vertical	Pass
3	3197.250	48.65	-6.68	88.2	39.55	Peak	68.00	150	Vertical	Pass
3**	3197.250	38.05	-6.68	68.2	30.15	AV	68.00	150	Vertical	Pass
4	6123.750	93.04	1.27	--	8.96	Peak	102.00	150	Vertical	N/A
4**	6123.750	85.13	1.27	--	-85.13	AV	102.00	150	Vertical	N/A
5	8961.401	49.61	-1.98	88.2	38.59	Peak	256.00	150	Vertical	Pass
5**	8961.401	38.86	-1.98	68.2	29.34	AV	256.00	150	Vertical	Pass
6	10480.925	49.08	-1.20	88.2	39.12	Peak	0.00	150	Vertical	Pass
6**	10480.925	38.93	-1.20	68.2	29.27	AV	0.00	150	Vertical	Pass

11ax160(RU996*2), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.800	45.10	-13.31	88.2	43.10	Peak	129.00	150	Horizontal	Pass
1**	2127.800	32.83	-13.31	68.2	35.37	AV	129.00	150	Horizontal	Pass
2	3083.500	47.34	-6.19	88.2	40.86	Peak	30.00	150	Horizontal	Pass
2**	3083.500	38.62	-6.19	68.2	29.58	AV	30.00	150	Horizontal	Pass
3	6115.750	79.93	1.34	--	100.07	Peak	166.00	150	Horizontal	Pass
3**	6115.750	71.31	1.34	--	-71.31	AV	166.00	150	Horizontal	N/A
4	8729.362	48.24	-2.42	88.2	39.96	Peak	105.00	150	Horizontal	Pass
4**	8729.362	39.55	-2.42	68.2	28.65	AV	105.00	150	Horizontal	Pass
5	9931.825	49.40	-0.96	88.2	38.80	Peak	355.00	150	Horizontal	Pass
5**	9931.825	38.40	-0.96	68.2	29.80	AV	355.00	150	Horizontal	Pass
6	14141.513	50.76	0.59	88.2	37.44	Peak	0.00	150	Horizontal	Pass
6**	14141.513	41.05	0.59	68.2	27.15	AV	0.00	150	Horizontal	Pass

11ax160(RU996*2), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	43.55	-14.53	88.2	44.65	Peak	360.00	150	Vertical	Pass
1**	1991.500	34.67	-14.53	68.2	33.53	AV	360.00	150	Vertical	Pass
2	3197.000	46.66	-6.67	88.2	41.54	Peak	94.00	150	Vertical	Pass
2**	3197.000	36.88	-6.67	68.2	31.32	AV	94.00	150	Vertical	Pass
3	6165.250	84.82	1.43	--	275.18	Peak	0.00	150	Vertical	Pass
3**	6165.250	74.96	1.43	--	-74.96	AV	0.00	150	Vertical	N/A
4	8820.799	48.30	-2.32	88.2	39.90	Peak	29.00	150	Vertical	Pass
4**	8820.799	38.04	-2.32	68.2	30.16	AV	29.00	150	Vertical	Pass
5	10210.888	48.52	-1.18	88.2	39.68	Peak	308.00	150	Vertical	Pass
5**	10210.888	38.85	-1.18	68.2	29.35	AV	308.00	150	Vertical	Pass
6	14153.062	51.38	0.61	88.2	36.82	Peak	155.00	150	Vertical	Pass
6**	14153.062	43.34	0.61	68.2	24.86	AV	155.00	150	Vertical	Pass

11ax20(RU26), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1996.200	47.49	-14.52	88.2	40.71	Peak	333.00	150	Horizontal	Pass
1**	1996.200	31.27	-14.52	68.2	36.93	AV	333.00	150	Horizontal	Pass
2	3053.500	47.52	-6.09	88.2	40.68	Peak	175.00	150	Horizontal	Pass
2**	3053.500	37.38	-6.09	68.2	30.82	AV	175.00	150	Horizontal	Pass
3	5929.250	54.73	1.39	88.2	33.47	Peak	106.00	150	Horizontal	Pass
3**	5929.250	45.55	1.39	68.2	22.65	AV	106.00	150	Horizontal	Pass
4	7006.500	84.84	2.19	--	38.16	Peak	123.00	150	Horizontal	N/A
4**	7006.500	78.10	2.19	--	-78.10	AV	123.00	150	Horizontal	N/A
5	10425.113	49.49	-1.14	88.2	38.71	Peak	305.00	150	Horizontal	Pass
5**	10425.113	40.34	-1.14	68.2	27.86	AV	305.00	150	Horizontal	Pass
6	15287.326	51.64	1.14	88.2	36.56	Peak	355.00	150	Horizontal	Pass
6**	15287.326	42.17	1.14	68.2	26.03	AV	355.00	150	Horizontal	Pass

11ax20(RU26), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.400	51.98	-14.52	88.2	36.22	Peak	124.00	150	Vertical	Pass
1**	1995.400	38.67	-14.52	68.2	29.53	AV	124.00	150	Vertical	Pass
2	3015.750	47.50	-6.80	88.2	40.70	Peak	69.00	150	Vertical	Pass
2**	3015.750	38.12	-6.80	68.2	30.08	AV	69.00	150	Vertical	Pass
3	6364.750	56.93	1.48	88.2	31.27	Peak	211.00	150	Vertical	Pass
3**	6364.750	46.42	1.48	68.2	21.78	AV	211.00	150	Vertical	Pass
4	7006.250	88.26	2.17	--	-55.26	Peak	33.00	150	Vertical	N/A
4**	7006.250	81.52	2.17	--	-81.52	AV	33.00	150	Vertical	N/A
5	10370.725	49.09	-0.86	88.2	39.11	Peak	36.00	150	Vertical	Pass
5**	10370.725	39.17	-0.86	68.2	29.03	AV	36.00	150	Vertical	Pass
6	14106.075	50.92	0.44	88.2	37.28	Peak	297.00	150	Vertical	Pass
6**	14106.075	41.45	0.44	68.2	26.75	AV	297.00	150	Vertical	Pass

11ax40(RU484), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.700	45.95	-14.49	88.2	42.25	Peak	19.00	150	Horizontal	Pass
1**	1997.700	32.60	-14.49	68.2	35.60	AV	19.00	150	Horizontal	Pass
2	3211.000	47.44	-5.79	88.2	40.76	Peak	360.00	150	Horizontal	Pass
2**	3211.000	38.26	-5.79	68.2	29.94	AV	360.00	150	Horizontal	Pass
3	6418.250	56.04	2.00	88.2	32.16	Peak	155.00	150	Horizontal	Pass
3**	6418.250	46.25	2.00	68.2	21.95	AV	155.00	150	Horizontal	Pass
4	7015.750	93.62	2.54	--	27.38	Peak	121.00	150	Horizontal	N/A
4**	7015.750	84.55	2.54	--	-84.55	AV	121.00	150	Horizontal	N/A
5	10222.763	48.72	-1.00	88.2	39.48	Peak	280.00	150	Horizontal	Pass
5**	10222.763	39.47	-1.00	68.2	28.73	AV	280.00	150	Horizontal	Pass
6	13536.975	51.59	0.53	88.2	36.61	Peak	295.00	150	Horizontal	Pass
6**	13536.975	41.76	0.53	68.2	26.44	AV	295.00	150	Horizontal	Pass

11ax40(RU484), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1996.800	54.74	-14.52	88.2	33.46	Peak	89.00	150	Vertical	Pass
1**	1996.800	35.52	-14.52	68.2	32.68	AV	89.00	150	Vertical	Pass
2	3187.000	47.64	-6.49	88.2	40.56	Peak	50.00	150	Vertical	Pass
2**	3187.000	38.49	-6.49	68.2	29.71	AV	50.00	150	Vertical	Pass
3	6423.000	55.77	1.98	88.2	32.43	Peak	245.00	150	Vertical	Pass
3**	6423.000	46.49	1.98	68.2	21.71	AV	245.00	150	Vertical	Pass
4	7020.750	97.73	2.34	--	-47.73	Peak	50.00	150	Vertical	N/A
4**	7020.750	89.02	2.34	--	-89.02	AV	50.00	150	Vertical	N/A
5	10192.362	49.17	-1.19	88.2	39.03	Peak	306.00	150	Vertical	Pass
5**	10192.362	38.87	-1.19	68.2	29.33	AV	306.00	150	Vertical	Pass
6	14634.750	51.48	1.01	88.2	36.72	Peak	155.00	150	Vertical	Pass
6**	14634.750	41.99	1.01	68.2	26.21	AV	155.00	150	Vertical	Pass

11ax80(RU996), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1948.600	46.79	-14.82	88.2	41.41	Peak	192.00	150	Horizontal	Pass
1**	1948.600	30.66	-14.82	68.2	37.54	AV	192.00	150	Horizontal	Pass
2	3049.250	47.96	-6.25	88.2	40.24	Peak	318.00	150	Horizontal	Pass
2**	3049.250	38.22	-6.25	68.2	29.98	AV	318.00	150	Horizontal	Pass
3	5905.250	54.99	1.21	88.2	33.21	Peak	247.00	150	Horizontal	Pass
3**	5905.250	45.72	1.21	68.2	22.48	AV	247.00	150	Horizontal	Pass
4	6917.000	91.38	1.88	--	12.62	Peak	104.00	150	Horizontal	N/A
4**	6917.000	80.27	1.88	--	-80.27	AV	104.00	150	Horizontal	N/A
5	10336.525	48.61	-0.93	88.2	39.59	Peak	3.00	150	Horizontal	Pass
5**	10336.525	39.68	-0.93	68.2	28.52	AV	3.00	150	Horizontal	Pass
6	14183.513	51.27	-0.09	88.2	36.93	Peak	52.00	150	Horizontal	Pass
6**	14183.513	42.57	-0.09	68.2	25.63	AV	52.00	150	Horizontal	Pass

11ax80(RU996), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.200	50.73	-13.29	88.2	37.47	Peak	84.00	150	Vertical	Pass
1**	2127.200	36.94	-13.29	68.2	31.26	AV	84.00	150	Vertical	Pass
2	2664.300	51.16	-10.64	88.2	37.04	Peak	92.00	150	Vertical	Pass
2**	2664.300	40.94	-10.64	68.2	27.26	AV	92.00	150	Vertical	Pass
3	6312.750	55.70	1.62	88.2	32.50	Peak	52.00	150	Vertical	Pass
3**	6312.750	46.23	1.62	68.2	21.97	AV	52.00	150	Vertical	Pass
4	7053.500	94.51	2.03	--	-42.51	Peak	52.00	150	Vertical	N/A
4**	7053.500	84.50	2.03	--	-84.50	AV	52.00	150	Vertical	N/A
5	10185.950	48.48	-1.25	88.2	39.72	Peak	4.00	150	Vertical	Pass
5**	10185.950	38.79	-1.25	68.2	29.41	AV	4.00	150	Vertical	Pass
6	14364.112	51.45	1.48	88.2	36.75	Peak	86.00	150	Vertical	Pass
6**	14364.112	41.67	1.48	68.2	26.53	AV	86.00	150	Vertical	Pass

11ax160(RU996*2), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1998.500	45.60	-14.46	88.2	42.60	Peak	308.00	150	Horizontal	Pass
1**	1998.500	32.64	-14.46	68.2	35.56	AV	308.00	150	Horizontal	Pass
2	3139.250	47.32	-6.38	88.2	40.88	Peak	193.00	150	Horizontal	Pass
2**	3139.250	37.53	-6.38	68.2	30.67	AV	193.00	150	Horizontal	Pass
3	5960.750	54.61	0.75	88.2	33.59	Peak	280.00	150	Horizontal	Pass
3**	5960.750	45.22	0.75	68.2	22.98	AV	280.00	150	Horizontal	Pass
4	6915.000	90.67	1.93	--	30.33	Peak	121.00	150	Horizontal	N/A
4**	6915.000	81.16	1.93	--	-81.16	AV	121.00	150	Horizontal	N/A
5	10509.187	49.24	-1.05	88.2	38.96	Peak	256.00	150	Horizontal	Pass
5**	10509.187	39.13	-1.05	68.2	29.07	AV	256.00	150	Horizontal	Pass
6	14361.487	51.63	1.41	88.2	36.57	Peak	261.00	150	Horizontal	Pass
6**	14361.487	41.43	1.41	68.2	26.77	AV	261.00	150	Horizontal	Pass

11ax160(RU996*2), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2131.700	53.26	-13.43	88.2	34.94	Peak	78.00	150	Vertical	Pass
1**	2131.700	37.32	-13.43	68.2	30.88	AV	78.00	150	Vertical	Pass
2	3099.750	47.13	-6.02	88.2	41.07	Peak	228.00	150	Vertical	Pass
2**	3099.750	38.78	-6.02	68.2	29.42	AV	228.00	150	Vertical	Pass
3	5952.750	55.33	0.62	88.2	32.87	Peak	348.00	150	Vertical	Pass
3**	5952.750	45.24	0.62	68.2	22.96	AV	348.00	150	Vertical	Pass
4	6944.000	93.54	1.61	--	-41.54	Peak	52.00	150	Vertical	N/A
4**	6944.000	83.36	1.61	--	-83.36	AV	52.00	150	Vertical	N/A
5	10201.862	48.56	-1.03	88.2	39.64	Peak	256.00	150	Vertical	Pass
5**	10201.862	39.30	-1.03	68.2	28.90	AV	256.00	150	Vertical	Pass
6	14333.400	51.55	0.72	88.2	36.65	Peak	52.00	150	Vertical	Pass
6**	14333.400	41.96	0.72	68.2	26.24	AV	52.00	150	Vertical	Pass

Aux. Antenna

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.700	52.39	-16.25	74.0	21.61	Peak	37.00	150	Horizontal	Pass
1**	1061.700	40.62	-16.25	54.0	13.38	AV	37.00	150	Horizontal	Pass
2	1331.600	49.44	-16.27	74.0	24.56	Peak	342.00	150	Horizontal	Pass
2**	1331.600	39.32	-16.27	54.0	14.68	AV	342.00	150	Horizontal	Pass
3	2437.100	52.17	-12.57	88.2	36.03	Peak	289.00	150	Horizontal	Pass
3**	2437.100	46.05	-12.57	68.2	22.15	AV	289.00	150	Horizontal	Pass
4	5956.500	93.03	0.56	--	56.97	Peak	150.00	150	Horizontal	N/A
4**	5956.500	84.98	0.56	--	-84.98	AV	150.00	150	Horizontal	N/A
5	11444.463	49.64	-1.18	74.0	24.36	Peak	105.00	150	Horizontal	Pass
5**	11444.463	40.90	-1.18	54.0	13.10	AV	105.00	150	Horizontal	Pass
6	13984.275	51.96	0.43	88.2	36.24	Peak	240.00	150	Horizontal	Pass
6**	13984.275	41.41	0.43	68.2	26.79	AV	240.00	150	Horizontal	Pass

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.600	51.07	-16.25	74.0	22.93	Peak	109.00	150	Vertical	Pass
1**	1061.600	42.16	-16.25	54.0	11.84	AV	109.00	150	Vertical	Pass
2	1595.400	52.11	-16.31	74.0	21.89	Peak	125.00	150	Vertical	Pass
2**	1595.400	41.82	-16.31	54.0	12.18	AV	125.00	150	Vertical	Pass
3	2129.500	51.54	-13.35	88.2	36.66	Peak	109.00	150	Vertical	Pass
3**	2129.500	34.92	-13.35	68.2	33.28	AV	109.00	150	Vertical	Pass
4	5956.500	94.96	0.56	--	161.04	Peak	256.00	150	Vertical	N/A
4**	5956.500	87.28	0.56	--	-87.28	AV	256.00	150	Vertical	N/A
5	11301.724	49.71	-1.38	74.0	24.29	Peak	178.00	150	Vertical	Pass
5**	11301.724	39.95	-1.38	54.0	14.05	AV	178.00	150	Vertical	Pass
6	12947.662	51.11	0.24	88.2	37.09	Peak	360.00	150	Vertical	Pass
6**	12947.662	40.60	0.24	68.2	27.60	AV	360.00	150	Vertical	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.500	48.39	-13.30	88.2	39.81	Peak	58.00	150	Horizontal	Pass
1**	2127.500	33.03	-13.30	68.2	35.17	AV	58.00	150	Horizontal	Pass
2	2457.200	51.62	-12.32	88.2	36.58	Peak	257.00	150	Horizontal	Pass
2**	2457.200	46.98	-12.32	68.2	21.22	AV	257.00	150	Horizontal	Pass
3	4853.250	53.05	-1.17	74.0	20.95	Peak	360.00	150	Horizontal	Pass
3**	4853.250	43.18	-1.17	54.0	10.82	AV	360.00	150	Horizontal	Pass
4	6158.750	96.80	1.55	--	-14.80	Peak	82.00	150	Horizontal	N/A
4**	6158.750	88.27	1.55	--	-88.27	AV	82.00	150	Horizontal	N/A
5	10207.088	48.91	-1.00	88.2	39.29	Peak	29.00	150	Horizontal	Pass
5**	10207.088	39.30	-1.00	68.2	28.90	AV	29.00	150	Horizontal	Pass
6	14977.575	52.23	0.98	88.2	35.97	Peak	310.00	150	Horizontal	Pass
6**	14977.575	40.88	0.98	68.2	27.32	AV	310.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.000	56.31	-14.52	88.2	31.89	Peak	130.00	150	Vertical	Pass
1**	1995.000	38.64	-14.52	68.2	29.56	AV	130.00	150	Vertical	Pass
2	2128.300	53.07	-13.33	88.2	35.13	Peak	144.00	150	Vertical	Pass
2**	2128.300	36.16	-13.33	68.2	32.04	AV	144.00	150	Vertical	Pass
3	4054.250	50.94	-3.02	74.0	23.06	Peak	76.00	150	Vertical	Pass
3**	4054.250	41.28	-3.02	54.0	12.72	AV	76.00	150	Vertical	Pass
4	6161.500	99.95	1.47	--	171.05	Peak	271.00	150	Vertical	N/A
4**	6161.500	90.95	1.47	--	-90.95	AV	271.00	150	Vertical	N/A
5	10840.738	49.34	-1.36	74.0	24.66	Peak	179.00	150	Vertical	Pass
5**	10840.738	39.66	-1.36	54.0	14.34	AV	179.00	150	Vertical	Pass
6	14329.463	51.68	0.76	88.2	36.52	Peak	309.00	150	Vertical	Pass
6**	14329.463	42.28	0.76	68.2	25.92	AV	309.00	150	Vertical	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2132.400	47.35	-13.44	88.2	40.85	Peak	180.00	150	Horizontal	Pass
1**	2132.400	33.08	-13.44	68.2	35.12	AV	180.00	150	Horizontal	Pass
2	3227.250	48.59	-5.69	88.2	39.61	Peak	149.00	150	Horizontal	Pass
2**	3227.250	38.94	-5.69	68.2	29.26	AV	149.00	150	Horizontal	Pass
3	5091.250	55.71	-0.82	74.0	18.29	Peak	168.00	150	Horizontal	Pass
3**	5091.250	44.96	-0.82	54.0	9.04	AV	168.00	150	Horizontal	Pass
4	6161.500	93.54	1.47	--	-16.54	Peak	77.00	150	Horizontal	N/A
4**	6161.500	84.02	1.47	--	-84.02	AV	77.00	150	Horizontal	N/A
5	10514.413	49.23	-1.17	88.2	38.97	Peak	129.00	150	Horizontal	Pass
5**	10514.413	40.00	-1.17	68.2	28.20	AV	129.00	150	Horizontal	Pass
6	14683.050	51.59	0.29	88.2	36.61	Peak	270.00	150	Horizontal	Pass
6**	14683.050	40.41	0.29	68.2	27.79	AV	270.00	150	Horizontal	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1990.700	56.04	-14.53	88.2	32.16	Peak	124.00	150	Vertical	Pass
1**	1990.700	34.68	-14.53	68.2	33.52	AV	124.00	150	Vertical	Pass
2	2463.000	63.25	-12.17	88.2	24.95	Peak	0.00	150	Vertical	Pass
2**	2463.000	60.31	-12.17	68.2	7.89	AV	0.00	150	Vertical	Pass
3	5066.750	54.56	-0.98	74.0	19.44	Peak	58.00	150	Vertical	Pass
3**	5066.750	44.02	-0.98	54.0	9.98	AV	58.00	150	Vertical	Pass
4	6157.250	97.61	1.50	--	157.39	Peak	255.00	150	Vertical	N/A
4**	6157.250	86.41	1.50	--	-86.41	AV	255.00	150	Vertical	N/A
5	10197.588	49.02	-1.12	88.2	39.18	Peak	360.00	150	Vertical	Pass
5**	10197.588	39.30	-1.12	68.2	28.90	AV	360.00	150	Vertical	Pass
6	16354.912	52.07	2.15	88.2	36.13	Peak	360.00	150	Vertical	Pass
6**	16354.912	42.20	2.15	68.2	26.00	AV	360.00	150	Vertical	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.200	48.32	-14.52	88.2	39.88	Peak	204.00	150	Horizontal	Pass
1**	1995.200	37.23	-14.52	68.2	30.97	AV	204.00	150	Horizontal	Pass
2	3163.250	47.81	-5.70	88.2	40.39	Peak	344.00	150	Horizontal	Pass
2**	3163.250	38.13	-5.70	68.2	30.07	AV	344.00	150	Horizontal	Pass
3	5126.500	54.61	-0.87	74.0	19.39	Peak	0.00	150	Horizontal	Pass
3**	5126.500	44.14	-0.87	54.0	9.86	AV	0.00	150	Horizontal	Pass
4	6211.500	91.67	1.11	--	-11.67	Peak	80.00	150	Horizontal	N/A
4**	6211.500	81.11	1.11	--	-81.11	AV	80.00	150	Horizontal	N/A
5	9615.713	48.81	-1.47	88.2	39.39	Peak	7.00	150	Horizontal	Pass
5**	9615.713	39.39	-1.47	68.2	28.81	AV	7.00	150	Horizontal	Pass
6	14592.224	51.25	1.43	88.2	36.95	Peak	131.00	150	Horizontal	Pass
6**	14592.224	42.50	1.43	68.2	25.70	AV	131.00	150	Horizontal	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1727.400	50.45	-16.08	88.2	37.75	Peak	88.00	150	Vertical	Pass
1**	1727.400	37.54	-16.08	68.2	30.66	AV	88.00	150	Vertical	Pass
2	1996.500	54.10	-14.52	88.2	34.10	Peak	126.00	150	Vertical	Pass
2**	1996.500	38.26	-14.52	68.2	29.94	AV	126.00	150	Vertical	Pass
3	4639.750	53.08	-1.85	74.0	20.92	Peak	344.00	150	Vertical	Pass
3**	4639.750	43.64	-1.85	54.0	10.36	AV	344.00	150	Vertical	Pass
4	6221.500	94.50	1.03	--	178.50	Peak	273.00	150	Vertical	N/A
4**	6221.500	84.81	1.03	--	-84.81	AV	273.00	150	Vertical	N/A
5	10971.362	49.69	-1.40	74.0	24.31	Peak	358.00	150	Vertical	Pass
5**	10971.362	39.45	-1.40	54.0	14.55	AV	358.00	150	Vertical	Pass
6	16314.488	52.28	2.09	88.2	35.92	Peak	360.00	150	Vertical	Pass
6**	16314.488	42.59	2.09	68.2	25.61	AV	360.00	150	Vertical	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1999.400	47.91	-14.45	88.2	40.29	Peak	348.00	150	Horizontal	Pass
1**	1999.400	33.57	-14.45	68.2	34.63	AV	348.00	150	Horizontal	Pass
2	3775.500	49.96	-4.73	74.0	24.04	Peak	360.00	150	Horizontal	Pass
2**	3775.500	40.99	-4.73	54.0	13.01	AV	360.00	150	Horizontal	Pass
3	6064.000	54.60	0.99	88.2	33.60	Peak	334.00	150	Horizontal	Pass
3**	6064.000	45.27	0.99	68.2	22.93	AV	334.00	150	Horizontal	Pass
4	7018.500	97.39	2.45	--	203.61	Peak	301.00	150	Horizontal	N/A
4**	7018.500	87.31	2.45	--	-87.31	AV	301.00	150	Horizontal	N/A
5	9428.563	48.83	-1.78	74.0	25.17	Peak	202.00	150	Horizontal	Pass
5**	9428.563	38.83	-1.78	54.0	15.17	AV	202.00	150	Horizontal	Pass
6	14323.951	52.16	0.60	88.2	36.04	Peak	16.00	150	Horizontal	Pass
6**	14323.951	41.81	0.60	68.2	26.39	AV	16.00	150	Horizontal	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.000	54.28	-14.52	88.2	33.92	Peak	127.00	150	Vertical	Pass
1**	1997.000	39.51	-14.52	68.2	28.69	AV	127.00	150	Vertical	Pass
2	3066.000	47.36	-6.23	88.2	40.84	Peak	0.00	150	Vertical	Pass
2**	3066.000	38.64	-6.23	68.2	29.56	AV	0.00	150	Vertical	Pass
3	5916.500	55.35	0.85	88.2	32.85	Peak	283.00	150	Vertical	Pass
3**	5916.500	45.17	0.85	68.2	23.03	AV	283.00	150	Vertical	Pass
4	7020.500	99.70	2.36	--	40.30	Peak	140.00	150	Vertical	N/A
4**	7020.500	89.89	2.36	--	-89.89	AV	140.00	150	Vertical	N/A
5	9934.437	49.19	-1.15	88.2	39.01	Peak	307.00	150	Vertical	Pass
5**	9934.437	38.61	-1.15	68.2	29.59	AV	307.00	150	Vertical	Pass
6	14446.800	52.04	-0.09	88.2	36.16	Peak	121.00	150	Vertical	Pass
6**	14446.800	42.07	-0.09	68.2	26.13	AV	121.00	150	Vertical	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1996.600	50.61	-14.52	88.2	37.59	Peak	211.00	150	Horizontal	Pass
1**	1996.600	33.38	-14.52	68.2	34.82	AV	211.00	150	Horizontal	Pass
2	3029.250	47.82	-6.45	88.2	40.38	Peak	204.00	150	Horizontal	Pass
2**	3029.250	38.00	-6.45	68.2	30.20	AV	204.00	150	Horizontal	Pass
3	5962.750	55.92	0.82	88.2	32.28	Peak	1.00	150	Horizontal	Pass
3**	5962.750	45.66	0.82	68.2	22.54	AV	1.00	150	Horizontal	Pass
4	7010.250	96.78	2.47	--	211.22	Peak	308.00	150	Horizontal	N/A
4**	7010.250	88.38	2.47	--	-88.38	AV	308.00	150	Horizontal	N/A
5	11859.375	50.43	-0.95	74.0	23.57	Peak	300.00	150	Horizontal	Pass
5**	11859.375	39.73	-0.95	54.0	14.27	AV	300.00	150	Horizontal	Pass
6	16275.637	52.29	2.14	88.2	35.91	Peak	360.00	150	Horizontal	Pass
6**	16275.637	43.09	2.14	68.2	25.11	AV	360.00	150	Horizontal	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1998.700	54.17	-14.46	88.2	34.03	Peak	113.00	150	Vertical	Pass
1**	1998.700	34.87	-14.46	68.2	33.33	AV	113.00	150	Vertical	Pass
2	3808.000	51.14	-3.87	74.0	22.86	Peak	205.00	150	Vertical	Pass
2**	3808.000	42.41	-3.87	54.0	11.59	AV	205.00	150	Vertical	Pass
3	5931.000	56.28	1.41	88.2	31.92	Peak	292.00	150	Vertical	Pass
3**	5931.000	45.89	1.41	68.2	22.31	AV	292.00	150	Vertical	Pass
4	6996.000	101.26	1.80	--	156.74	Peak	258.00	150	Vertical	N/A
4**	6996.000	89.03	1.80	--	-89.03	AV	258.00	150	Vertical	N/A
5	9940.850	49.41	-0.94	88.2	38.79	Peak	0.00	150	Vertical	Pass
5**	9940.850	38.67	-0.94	68.2	29.53	AV	0.00	150	Vertical	Pass
6	16223.400	53.20	1.76	88.2	35.00	Peak	360.00	150	Vertical	Pass
6**	16223.400	41.67	1.76	68.2	26.53	AV	360.00	150	Vertical	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.900	45.54	-14.48	88.2	42.66	Peak	95.00	150	Horizontal	Pass
1**	1997.900	35.02	-14.48	68.2	33.18	AV	95.00	150	Horizontal	Pass
2	3171.000	47.81	-5.90	88.2	40.39	Peak	156.00	150	Horizontal	Pass
2**	3171.000	38.27	-5.90	68.2	29.93	AV	156.00	150	Horizontal	Pass
3	5415.750	54.08	-1.04	74.0	19.92	Peak	347.00	150	Horizontal	Pass
3**	5415.750	43.50	-1.04	54.0	10.50	AV	347.00	150	Horizontal	Pass
4	6956.000	95.06	1.55	--	201.94	Peak	297.00	150	Horizontal	N/A
4**	6956.000	85.51	1.55	--	-85.51	AV	297.00	150	Horizontal	N/A
5	8904.875	48.62	-2.46	88.2	39.58	Peak	206.00	150	Horizontal	Pass
5**	8904.875	39.14	-2.46	68.2	29.06	AV	206.00	150	Horizontal	Pass
6	17095.426	52.55	2.27	88.2	35.65	Peak	86.00	150	Horizontal	Pass
6**	17095.426	42.43	2.27	68.2	25.77	AV	86.00	150	Horizontal	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.000	53.32	-14.52	88.2	34.88	Peak	98.00	150	Vertical	Pass
1**	1997.000	36.81	-14.52	68.2	31.39	AV	98.00	150	Vertical	Pass
2	3065.750	48.03	-6.22	88.2	40.17	Peak	360.00	150	Vertical	Pass
2**	3065.750	38.39	-6.22	68.2	29.81	AV	360.00	150	Vertical	Pass
3	5061.250	54.40	-0.92	74.0	19.60	Peak	344.00	150	Vertical	Pass
3**	5061.250	44.04	-0.92	54.0	9.96	AV	344.00	150	Vertical	Pass
4	6970.500	97.10	1.60	--	192.90	Peak	290.00	150	Vertical	N/A
4**	6970.500	86.27	1.60	--	-86.27	AV	290.00	150	Vertical	N/A
5	9987.401	49.42	-0.74	88.2	38.78	Peak	129.00	150	Vertical	Pass
5**	9987.401	40.58	-0.74	68.2	27.62	AV	129.00	150	Vertical	Pass
6	15888.713	52.63	1.47	74.0	21.37	Peak	308.00	150	Vertical	Pass
6**	15888.713	41.57	1.47	54.0	12.43	AV	308.00	150	Vertical	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	46.22	-16.24	74.0	27.78	Peak	113.00	150	Horizontal	Pass
1**	1329.200	38.09	-16.24	54.0	15.91	AV	113.00	150	Horizontal	Pass
2	1997.900	47.17	-14.48	88.2	41.03	Peak	212.00	150	Horizontal	Pass
2**	1997.900	37.95	-14.48	68.2	30.25	AV	212.00	150	Horizontal	Pass
3	2659.500	45.63	-10.79	88.2	42.57	Peak	144.00	150	Horizontal	Pass
3**	2659.500	34.97	-10.79	68.2	33.23	AV	144.00	150	Horizontal	Pass
4	5119.750	53.64	-0.83	74.0	20.36	Peak	360.00	150	Horizontal	Pass
4**	5119.750	44.57	-0.83	54.0	9.43	AV	360.00	150	Horizontal	Pass
5	6943.750	87.90	1.61	--	70.10	Peak	158.00	150	Horizontal	N/A
5**	6943.750	79.24	1.61	--	-79.24	AV	158.00	150	Horizontal	N/A
6	15884.512	51.91	1.64	74.0	22.09	Peak	154.00	150	Horizontal	Pass
6**	15884.512	43.01	1.64	54.0	10.99	AV	154.00	150	Horizontal	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	50.85	-16.28	74.0	23.15	Peak	117.00	150	Vertical	Pass
1**	1332.700	41.78	-16.28	54.0	12.22	AV	117.00	150	Vertical	Pass
2	2090.900	49.77	-13.53	88.2	38.43	Peak	126.00	150	Vertical	Pass
2**	2090.900	41.61	-13.53	68.2	26.59	AV	126.00	150	Vertical	Pass
3	5021.750	53.49	-0.83	74.0	20.51	Peak	0.00	150	Vertical	Pass
3**	5021.750	44.40	-0.83	54.0	9.60	AV	0.00	150	Vertical	Pass
4	6953.000	92.30	1.61	--	223.70	Peak	316.00	150	Vertical	N/A
4**	6953.000	81.49	1.61	--	-81.49	AV	316.00	150	Vertical	N/A
5	11216.224	49.85	-1.21	74.0	24.15	Peak	184.00	150	Vertical	Pass
5**	11216.224	39.58	-1.21	54.0	14.42	AV	184.00	150	Vertical	Pass
6	17174.176	52.54	2.71	88.2	35.66	Peak	191.00	150	Vertical	Pass
6**	17174.176	42.54	2.71	68.2	25.66	AV	191.00	150	Vertical	Pass

11ax20(RU26), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1951.800	45.67	-14.85	88.2	42.53	Peak	139.00	150	Horizontal	Pass
1**	1951.800	35.76	-14.85	68.2	32.44	AV	139.00	150	Horizontal	Pass
2	3129.750	47.81	-5.93	88.2	40.39	Peak	184.00	150	Horizontal	Pass
2**	3129.750	38.53	-5.93	68.2	29.67	AV	184.00	150	Horizontal	Pass
3	6166.000	83.84	1.40	--	-24.84	Peak	59.00	150	Horizontal	N/A
3**	6166.000	76.59	1.40	--	-76.59	AV	59.00	150	Horizontal	N/A
4	8727.937	48.07	-2.34	88.2	40.13	Peak	360.00	150	Horizontal	Pass
4**	8727.937	39.33	-2.34	68.2	28.87	AV	360.00	150	Horizontal	Pass
5	10352.675	48.70	-0.84	88.2	39.50	Peak	346.00	150	Horizontal	Pass
5**	10352.675	39.07	-0.84	68.2	29.13	AV	346.00	150	Horizontal	Pass
6	14590.913	51.40	1.22	88.2	36.80	Peak	274.00	150	Horizontal	Pass
6**	14590.913	42.38	1.22	68.2	25.82	AV	274.00	150	Horizontal	Pass

11ax20(RU26), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1998.300	52.24	-14.46	88.2	35.96	Peak	66.00	150	Vertical	Pass
1**	1998.300	38.43	-14.46	68.2	29.77	AV	66.00	150	Vertical	Pass
2	3204.500	48.55	-6.46	88.2	39.65	Peak	112.00	150	Vertical	Pass
2**	3204.500	37.63	-6.46	68.2	30.57	AV	112.00	150	Vertical	Pass
3	6166.500	87.80	1.39	--	168.20	Peak	256.00	150	Vertical	N/A
3**	6166.500	80.56	1.39	--	-80.56	AV	256.00	150	Vertical	N/A
4	8709.650	48.49	-2.47	88.2	39.71	Peak	152.00	150	Vertical	Pass
4**	8709.650	38.39	-2.47	68.2	29.81	AV	152.00	150	Vertical	Pass
5	9750.138	48.73	-1.12	88.2	39.47	Peak	203.00	150	Vertical	Pass
5**	9750.138	38.26	-1.12	68.2	29.94	AV	203.00	150	Vertical	Pass
6	14432.362	50.97	-0.19	88.2	37.23	Peak	310.00	150	Vertical	Pass
6**	14432.362	41.41	-0.19	68.2	26.79	AV	310.00	150	Vertical	Pass

11ax40(RU484), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2000.100	46.57	-14.46	88.2	41.63	Peak	168.00	150	Horizontal	Pass
1**	2000.100	34.20	-14.46	68.2	34.00	AV	168.00	150	Horizontal	Pass
2	3154.000	47.80	-5.77	88.2	40.40	Peak	175.00	150	Horizontal	Pass
2**	3154.000	38.57	-5.77	68.2	29.63	AV	175.00	150	Horizontal	Pass
3	6179.000	95.65	1.17	--	-7.65	Peak	88.00	150	Horizontal	N/A
3**	6179.000	87.10	1.17	--	-87.10	AV	88.00	150	Horizontal	N/A
4	8930.525	48.15	-2.23	88.2	40.05	Peak	360.00	150	Horizontal	Pass
4**	8930.525	39.03	-2.23	68.2	29.17	AV	360.00	150	Horizontal	Pass
5	9973.862	49.20	-0.46	88.2	39.00	Peak	181.00	150	Horizontal	Pass
5**	9973.862	40.28	-0.46	68.2	27.92	AV	181.00	150	Horizontal	Pass
6	14371.724	51.67	1.71	88.2	36.53	Peak	123.00	150	Horizontal	Pass
6**	14371.724	41.75	1.71	68.2	26.45	AV	123.00	150	Horizontal	Pass

11ax40(RU484), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2126.200	54.25	-13.28	88.2	33.95	Peak	118.00	150	Vertical	Pass
1**	2126.200	40.61	-13.28	68.2	27.59	AV	118.00	150	Vertical	Pass
2	2664.600	50.30	-10.63	88.2	37.90	Peak	87.00	150	Vertical	Pass
2**	2664.600	40.85	-10.63	68.2	27.35	AV	87.00	150	Vertical	Pass
3	3461.750	46.54	-5.31	88.2	41.66	Peak	355.00	150	Vertical	Pass
3**	3461.750	37.79	-5.31	68.2	30.41	AV	355.00	150	Vertical	Pass
4	6150.000	99.14	1.51	--	182.86	Peak	282.00	150	Vertical	N/A
4**	6150.000	89.52	1.51	--	-89.52	AV	282.00	150	Vertical	N/A
5	10520.350	49.24	-1.09	88.2	38.96	Peak	360.00	150	Vertical	Pass
5**	10520.350	38.89	-1.09	68.2	29.31	AV	360.00	150	Vertical	Pass
6	12940.838	51.83	0.52	88.2	36.37	Peak	360.00	150	Vertical	Pass
6**	12940.838	41.70	0.52	68.2	26.50	AV	360.00	150	Vertical	Pass

11ax80(RU996), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1891.900	46.37	-15.52	88.2	41.83	Peak	301.00	150	Horizontal	Pass
1**	1891.900	30.82	-15.52	68.2	37.38	AV	301.00	150	Horizontal	Pass
2	3147.000	47.38	-5.97	88.2	40.82	Peak	34.00	150	Horizontal	Pass
2**	3147.000	37.91	-5.97	68.2	30.29	AV	34.00	150	Horizontal	Pass
3	5656.750	54.07	-0.27	88.2	34.13	Peak	360.00	150	Horizontal	Pass
3**	5656.750	44.96	-0.27	68.2	23.24	AV	360.00	150	Horizontal	Pass
4	6181.000	91.36	1.13	--	-4.36	Peak	87.00	150	Horizontal	N/A
4**	6181.000	82.35	1.13	--	-82.35	AV	87.00	150	Horizontal	N/A
5	10505.862	49.07	-0.91	88.2	39.13	Peak	360.00	150	Horizontal	Pass
5**	10505.862	40.62	-0.91	68.2	27.58	AV	360.00	150	Horizontal	Pass
6	14331.563	51.50	0.68	88.2	36.70	Peak	192.00	150	Horizontal	Pass
6**	14331.563	41.87	0.68	68.2	26.33	AV	192.00	150	Horizontal	Pass

11ax80(RU996), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2126.100	51.73	-13.28	88.2	36.47	Peak	125.00	150	Vertical	Pass
1**	2126.100	37.37	-13.28	68.2	30.83	AV	125.00	150	Vertical	Pass
2	3462.250	47.58	-5.35	88.2	40.62	Peak	86.00	150	Vertical	Pass
2**	3462.250	38.16	-5.35	68.2	30.04	AV	86.00	150	Vertical	Pass
3	6141.000	94.41	1.23	--	185.59	Peak	280.00	150	Vertical	N/A
3**	6141.000	86.32	1.23	--	-86.32	AV	280.00	150	Vertical	N/A
4	8631.750	48.25	-2.80	88.2	39.95	Peak	160.00	150	Vertical	Pass
4**	8631.750	38.15	-2.80	68.2	30.05	AV	160.00	150	Vertical	Pass
5	10423.451	48.66	-1.21	88.2	39.54	Peak	353.00	150	Vertical	Pass
5**	10423.451	39.64	-1.21	68.2	28.56	AV	353.00	150	Vertical	Pass
6	14271.713	51.21	0.18	88.2	36.99	Peak	87.00	150	Vertical	Pass
6**	14271.713	42.94	0.18	68.2	25.26	AV	87.00	150	Vertical	Pass

11ax160(RU996*2), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.600	47.51	-13.30	88.2	40.69	Peak	70.00	150	Horizontal	Pass
1**	2127.600	38.03	-13.30	68.2	30.17	AV	70.00	150	Horizontal	Pass
2	3157.750	47.99	-5.70	88.2	40.21	Peak	157.00	150	Horizontal	Pass
2**	3157.750	38.18	-5.70	68.2	30.02	AV	157.00	150	Horizontal	Pass
3	6162.750	92.47	1.47	--	-24.47	Peak	68.00	150	Horizontal	N/A
3**	6162.750	82.76	1.47	--	-82.76	AV	68.00	150	Horizontal	N/A
4	8726.513	48.05	-2.35	88.2	40.15	Peak	229.00	150	Horizontal	Pass
4**	8726.513	39.67	-2.35	68.2	28.53	AV	229.00	150	Horizontal	Pass
5	10252.450	48.81	-1.13	88.2	39.39	Peak	82.00	150	Horizontal	Pass
5**	10252.450	38.99	-1.13	68.2	29.21	AV	82.00	150	Horizontal	Pass
6	14864.175	51.47	0.87	88.2	36.73	Peak	230.00	150	Horizontal	Pass
6**	14864.175	42.24	0.87	68.2	25.96	AV	230.00	150	Horizontal	Pass

11ax160(RU996*2), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.100	52.48	-14.52	88.2	35.72	Peak	123.00	150	Vertical	Pass
1**	1997.100	38.86	-14.52	68.2	29.34	AV	123.00	150	Vertical	Pass
2	3055.250	47.18	-6.07	88.2	41.02	Peak	0.00	150	Vertical	Pass
2**	3055.250	37.88	-6.07	68.2	30.32	AV	0.00	150	Vertical	Pass
3	6116.250	97.64	1.35	--	182.36	Peak	280.00	150	Vertical	N/A
3**	6116.250	86.42	1.35	--	-86.42	AV	280.00	150	Vertical	N/A
4	8823.650	48.60	-2.41	88.2	39.60	Peak	209.00	150	Vertical	Pass
4**	8823.650	38.62	-2.41	68.2	29.58	AV	209.00	150	Vertical	Pass
5	9703.113	49.11	-1.30	88.2	39.09	Peak	1.00	150	Vertical	Pass
5**	9703.113	39.51	-1.30	68.2	28.69	AV	1.00	150	Vertical	Pass
6	14366.737	52.69	1.67	88.2	35.51	Peak	300.00	150	Vertical	Pass
6**	14366.737	41.93	1.67	68.2	26.27	AV	300.00	150	Vertical	Pass

11ax20(RU26), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1954.300	48.63	-14.88	88.2	39.57	Peak	140.00	150	Horizontal	Pass
1**	1954.300	32.00	-14.88	68.2	36.20	AV	140.00	150	Horizontal	Pass
2	3016.000	47.44	-6.78	88.2	40.76	Peak	292.00	150	Horizontal	Pass
2**	3016.000	39.00	-6.78	68.2	29.20	AV	292.00	150	Horizontal	Pass
3	5997.250	54.94	1.38	88.2	33.26	Peak	169.00	150	Horizontal	Pass
3**	5997.250	46.25	1.38	68.2	21.95	AV	169.00	150	Horizontal	Pass
4	7006.500	87.64	2.19	--	204.36	Peak	292.00	150	Horizontal	N/A
4**	7006.500	81.38	2.19	--	-81.38	AV	292.00	150	Horizontal	N/A
5	10428.200	48.86	-1.33	88.2	39.34	Peak	227.00	150	Horizontal	Pass
5**	10428.200	39.52	-1.33	68.2	28.68	AV	227.00	150	Horizontal	Pass
6	14329.725	51.02	0.75	88.2	37.18	Peak	0.00	150	Horizontal	Pass
6**	14329.725	42.68	0.75	68.2	25.52	AV	0.00	150	Horizontal	Pass

11ax20(RU26), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1998.000	54.01	-14.48	88.2	34.19	Peak	101.00	150	Vertical	Pass
1**	1998.000	36.62	-14.48	68.2	31.58	AV	101.00	150	Vertical	Pass
2	3211.500	47.23	-5.74	88.2	40.97	Peak	63.00	150	Vertical	Pass
2**	3211.500	37.98	-5.74	68.2	30.22	AV	63.00	150	Vertical	Pass
3	5915.000	55.74	0.87	88.2	32.46	Peak	360.00	150	Vertical	Pass
3**	5915.000	45.28	0.87	68.2	22.92	AV	360.00	150	Vertical	Pass
4	7006.750	91.96	2.21	--	23.04	Peak	115.00	150	Vertical	Pass
4**	7006.750	85.20	2.21	--	-85.20	AV	115.00	150	Vertical	N/A
5	10495.651	48.94	-1.13	88.2	39.26	Peak	0.00	150	Vertical	Pass
5**	10495.651	39.43	-1.13	68.2	28.77	AV	0.00	150	Vertical	Pass
6	13958.550	51.49	0.76	88.2	36.71	Peak	64.00	150	Vertical	Pass
6**	13958.550	40.96	0.76	68.2	27.24	AV	64.00	150	Vertical	Pass

11ax40(RU484), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1997.500	47.01	-14.50	88.2	41.19	Peak	98.00	150	Horizontal	Pass
1**	1997.500	32.86	-14.50	68.2	35.34	AV	98.00	150	Horizontal	Pass
2	3172.500	46.99	-5.92	88.2	41.21	Peak	78.00	150	Horizontal	Pass
2**	3172.500	38.56	-5.92	68.2	29.64	AV	78.00	150	Horizontal	Pass
3	6346.500	56.15	1.09	88.2	32.05	Peak	95.00	150	Horizontal	Pass
3**	6346.500	46.06	1.09	68.2	22.14	AV	95.00	150	Horizontal	Pass
4	6986.750	94.59	1.93	--	195.41	Peak	290.00	150	Horizontal	Pass
4**	6986.750	86.97	1.93	--	-86.97	AV	290.00	150	Horizontal	N/A
5	10137.975	48.66	-1.52	88.2	39.54	Peak	229.00	150	Horizontal	Pass
5**	10137.975	38.47	-1.52	68.2	29.73	AV	229.00	150	Horizontal	Pass
6	14252.550	51.53	0.06	88.2	36.67	Peak	273.00	150	Horizontal	Pass
6**	14252.550	41.16	0.06	68.2	27.04	AV	273.00	150	Horizontal	Pass

11ax40(RU484), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1999.900	56.81	-14.46	88.2	31.39	Peak	101.00	150	Vertical	Pass
1**	1999.900	34.53	-14.46	68.2	33.67	AV	101.00	150	Vertical	Pass
2	3196.500	47.71	-6.65	88.2	40.49	Peak	167.00	150	Vertical	Pass
2**	3196.500	39.26	-6.65	68.2	28.94	AV	167.00	150	Vertical	Pass
3	6436.000	55.54	2.03	88.2	32.66	Peak	45.00	150	Vertical	Pass
3**	6436.000	46.59	2.03	68.2	21.61	AV	45.00	150	Vertical	Pass
4	7012.250	98.06	2.51	--	15.94	Peak	114.00	150	Vertical	N/A
4**	7012.250	90.36	2.51	--	-90.36	AV	114.00	150	Vertical	N/A
5	10356.950	48.78	-0.75	88.2	39.42	Peak	29.00	150	Vertical	Pass
5**	10356.950	39.40	-0.75	68.2	28.80	AV	29.00	150	Vertical	Pass
6	14847.901	51.72	1.53	88.2	36.48	Peak	28.00	150	Vertical	Pass
6**	14847.901	41.20	1.53	68.2	27.00	AV	28.00	150	Vertical	Pass

11ax80(RU996), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.200	44.57	-14.52	88.2	43.63	Peak	15.00	150	Horizontal	Pass
1**	1995.200	31.97	-14.52	68.2	36.23	AV	15.00	150	Horizontal	Pass
2	3145.500	47.20	-6.07	88.2	41.00	Peak	326.00	150	Horizontal	Pass
2**	3145.500	38.68	-6.07	68.2	29.52	AV	326.00	150	Horizontal	Pass
3	6426.500	55.55	1.98	88.2	32.65	Peak	272.00	150	Horizontal	Pass
3**	6426.500	47.51	1.98	68.2	20.69	AV	272.00	150	Horizontal	Pass
4	6909.250	93.91	1.91	--	197.09	Peak	291.00	150	Horizontal	N/A
4**	6909.250	85.92	1.91	--	-85.92	AV	291.00	150	Horizontal	N/A
5	10018.275	49.80	-1.06	88.2	38.40	Peak	31.00	150	Horizontal	Pass
5**	10018.275	38.12	-1.06	68.2	30.08	AV	31.00	150	Horizontal	Pass
6	14368.575	51.70	1.59	88.2	36.50	Peak	273.00	150	Horizontal	Pass
6**	14368.575	42.11	1.59	68.2	26.09	AV	273.00	150	Horizontal	Pass

11ax80(RU996), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.600	51.44	-13.30	88.2	36.76	Peak	123.00	150	Vertical	Pass
1**	2127.600	35.23	-13.30	68.2	32.97	AV	123.00	150	Vertical	Pass
2	3079.250	47.81	-6.50	88.2	40.39	Peak	309.00	150	Vertical	Pass
2**	3079.250	37.81	-6.50	68.2	30.39	AV	309.00	150	Vertical	Pass
3	6467.500	56.32	1.71	88.2	31.88	Peak	327.00	150	Vertical	Pass
3**	6467.500	46.29	1.71	68.2	21.91	AV	327.00	150	Vertical	Pass
4	6910.000	96.37	1.90	--	-55.37	Peak	41.00	150	Vertical	N/A
4**	6910.000	86.33	1.90	--	-86.33	AV	41.00	150	Vertical	N/A
5	10443.638	49.00	-1.04	88.2	39.20	Peak	359.00	150	Vertical	Pass
5**	10443.638	39.64	-1.04	68.2	28.56	AV	359.00	150	Vertical	Pass
6	14181.937	51.16	-0.04	88.2	37.04	Peak	28.00	150	Vertical	Pass
6**	14181.937	42.10	-0.04	68.2	26.10	AV	28.00	150	Vertical	Pass

11ax160(RU996*2), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1994.600	46.67	-14.52	88.2	41.53	Peak	138.00	150	Horizontal	Pass
1**	1994.600	35.89	-14.52	68.2	32.31	AV	138.00	150	Horizontal	Pass
2	3152.250	47.39	-5.79	88.2	40.81	Peak	42.00	150	Horizontal	Pass
2**	3152.250	37.75	-5.79	68.2	30.45	AV	42.00	150	Horizontal	Pass
3	6304.500	55.47	1.82	88.2	32.73	Peak	309.00	150	Horizontal	Pass
3**	6304.500	46.28	1.82	68.2	21.92	AV	309.00	150	Horizontal	Pass
4	6910.000	92.58	1.90	--	197.42	Peak	290.00	150	Horizontal	N/A
4**	6910.000	83.64	1.90	--	-83.64	AV	290.00	150	Horizontal	N/A
5	9975.763	48.66	-0.62	88.2	39.54	Peak	0.00	150	Horizontal	Pass
5**	9975.763	39.66	-0.62	68.2	28.54	AV	0.00	150	Horizontal	Pass
6	14151.224	51.69	0.78	88.2	36.51	Peak	310.00	150	Horizontal	Pass
6**	14151.224	42.72	0.78	68.2	25.48	AV	310.00	150	Horizontal	Pass

11ax160(RU996*2), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.800	52.69	-14.53	88.2	35.51	Peak	70.00	150	Vertical	Pass
1**	1993.800	39.68	-14.53	68.2	28.52	AV	70.00	150	Vertical	Pass
2	3020.750	47.05	-6.33	88.2	41.15	Peak	4.00	150	Vertical	Pass
2**	3020.750	37.45	-6.33	68.2	30.75	AV	4.00	150	Vertical	Pass
3	5995.250	54.66	1.46	88.2	33.54	Peak	166.00	150	Vertical	Pass
3**	5995.250	45.81	1.46	68.2	22.39	AV	166.00	150	Vertical	Pass
4	6916.250	96.50	1.89	--	193.50	Peak	290.00	150	Vertical	N/A
4**	6916.250	85.94	1.89	--	-85.94	AV	290.00	150	Vertical	N/A
5	9768.424	48.93	-0.70	88.2	39.27	Peak	0.00	150	Vertical	Pass
5**	9768.424	39.06	-0.70	68.2	29.14	AV	0.00	150	Vertical	Pass
6	15221.701	51.49	1.74	88.2	36.71	Peak	239.00	150	Vertical	Pass
6**	15221.701	41.59	1.74	68.2	26.61	AV	239.00	150	Vertical	Pass

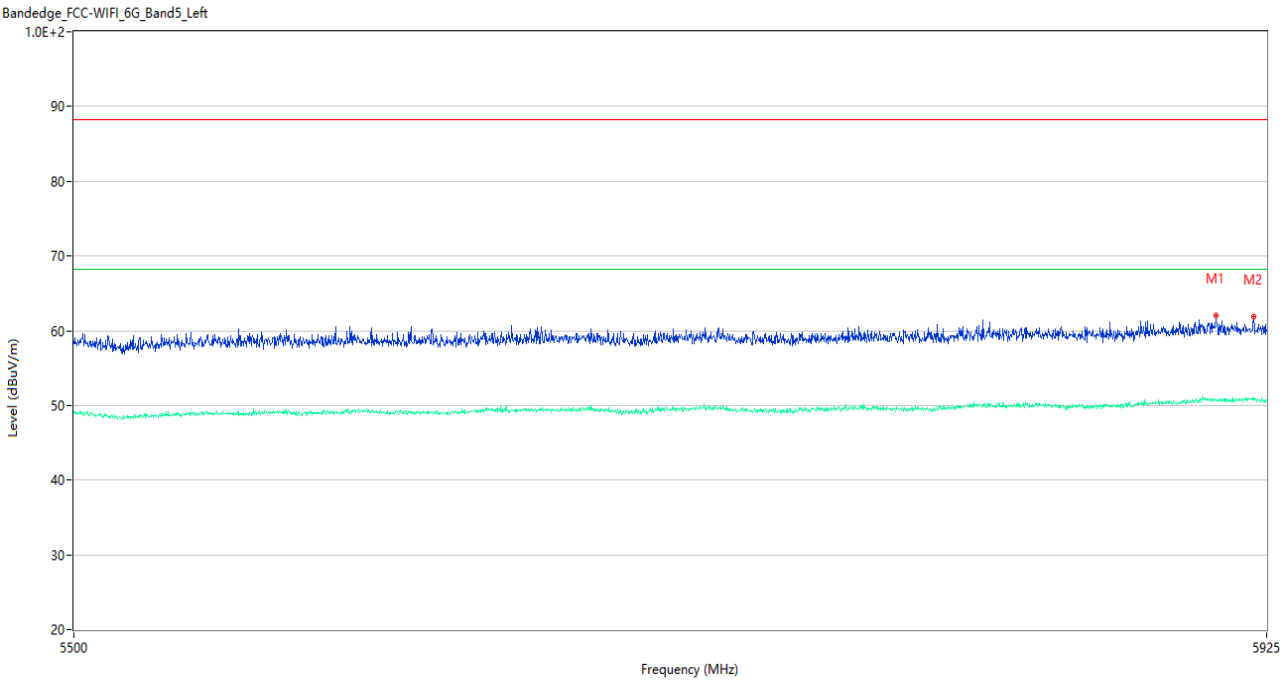
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-5	802.11ax(HE20)	Low	Pass
	802.11ax(HE40)	Low	Pass
	802.11ax(HE80)	Low	Pass
	802.11ax(HE160)	Low	Pass
U-NII-8	802.11ax(HE20)	Middle	Pass
		High	Pass
	802.11ax(HE40)	High	Pass
	802.11ax(HE80)	High	Pass
	802.11ax(HE160)	Middle	Pass

Test Data and Plots

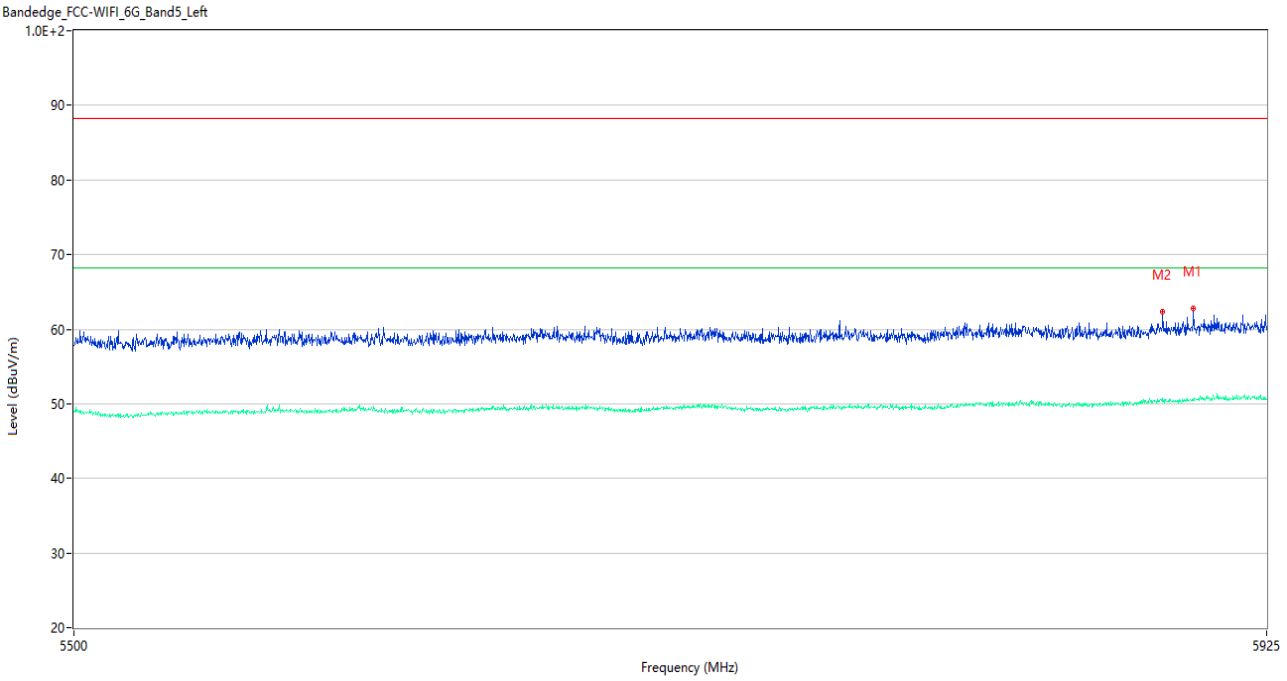
Main Antenna

U-NII-5 11ax20(SU) CH1



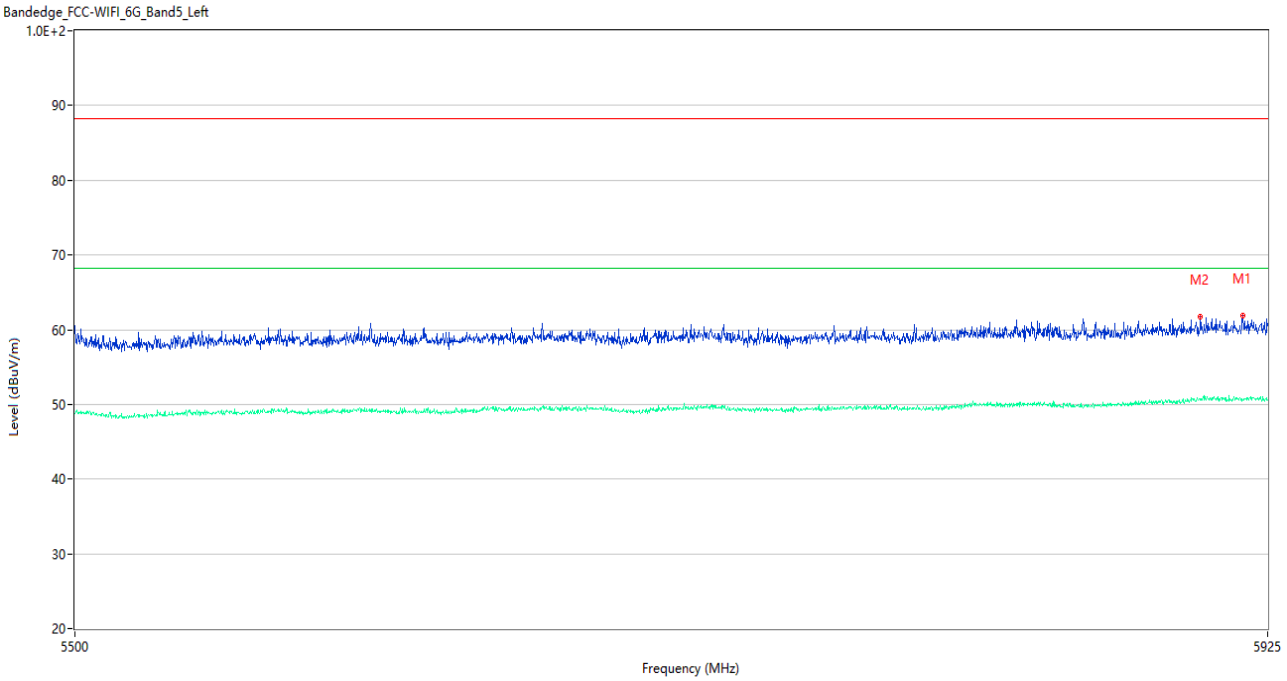
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5906.300	62.00	7.64	88.2	26.20	Peak	93.00	150	Horizontal	Pass
1**	5906.300	50.66	7.64	68.2	17.54	AV	93.00	150	Horizontal	Pass
2	5920.112	61.81	7.89	88.2	26.39	Peak	316.00	150	Horizontal	Pass
2**	5920.112	50.78	7.89	68.2	17.42	AV	316.00	150	Horizontal	Pass

U-NII-5 11ax40(SU) CH3



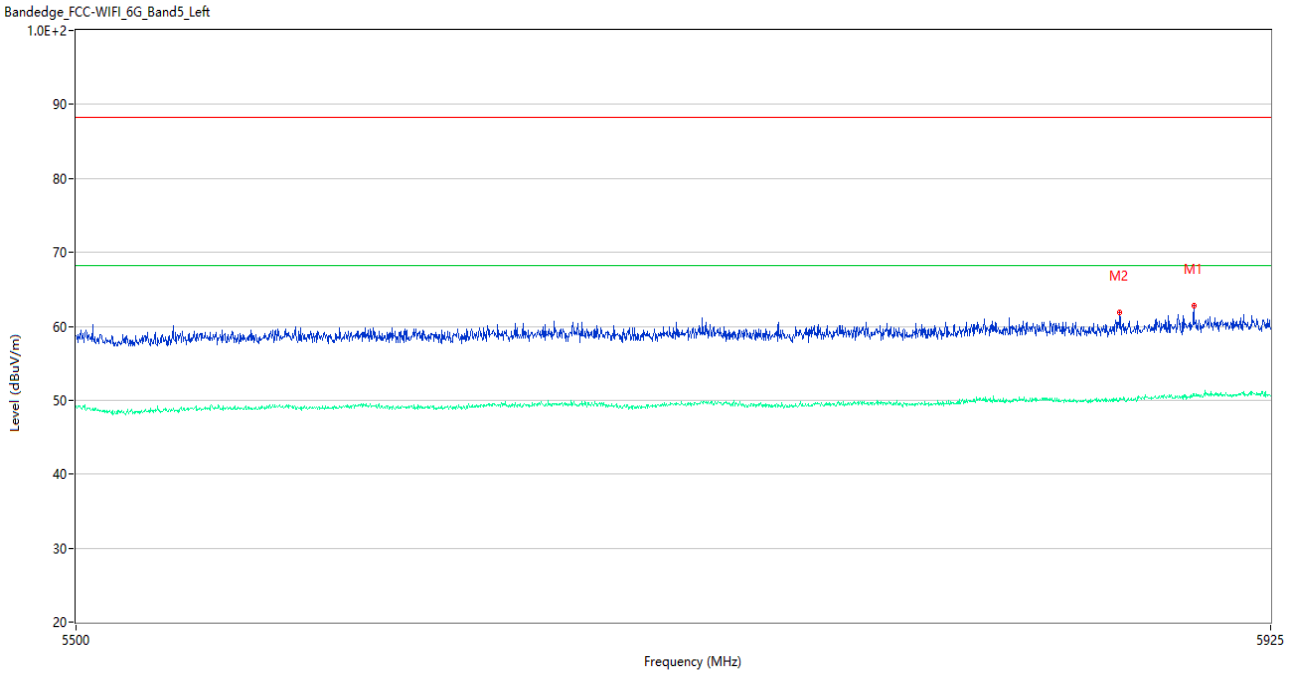
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5898.013	62.74	7.55	88.2	25.46	Peak	0.00	150	Horizontal	Pass
1**	5898.013	50.58	7.55	68.2	17.62	AV	0.00	150	Horizontal	Pass
2	5886.750	62.37	7.27	88.2	25.83	Peak	256.00	150	Horizontal	Pass
2**	5886.750	50.28	7.27	68.2	17.92	AV	256.00	150	Horizontal	Pass

U-NII-5 11ax80(SU) CH7



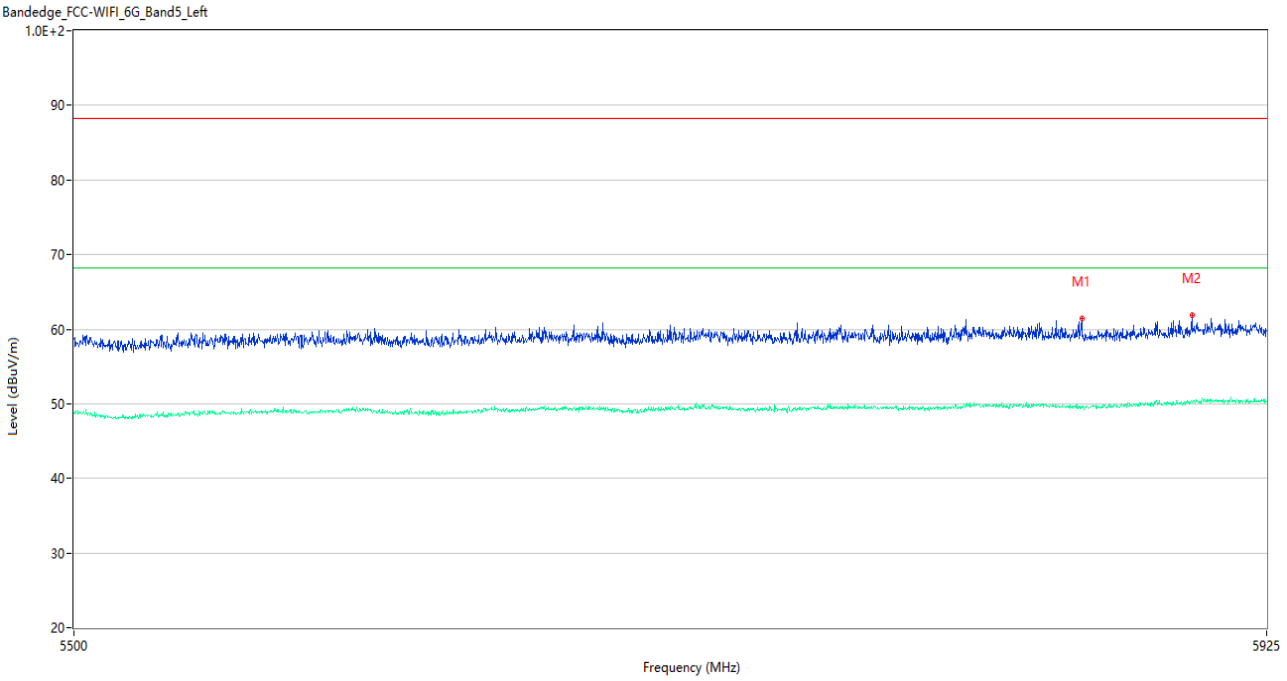
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5915.863	61.93	7.70	88.2	26.27	Peak	53.00	150	Vertical	Pass
1**	5915.863	50.62	7.70	68.2	17.58	AV	53.00	150	Vertical	Pass
2	5900.137	61.72	7.63	88.2	26.48	Peak	101.00	150	Vertical	Pass
2**	5900.137	50.66	7.63	68.2	17.54	AV	101.00	150	Vertical	Pass

U-NII-5 11ax160(SU) CH15



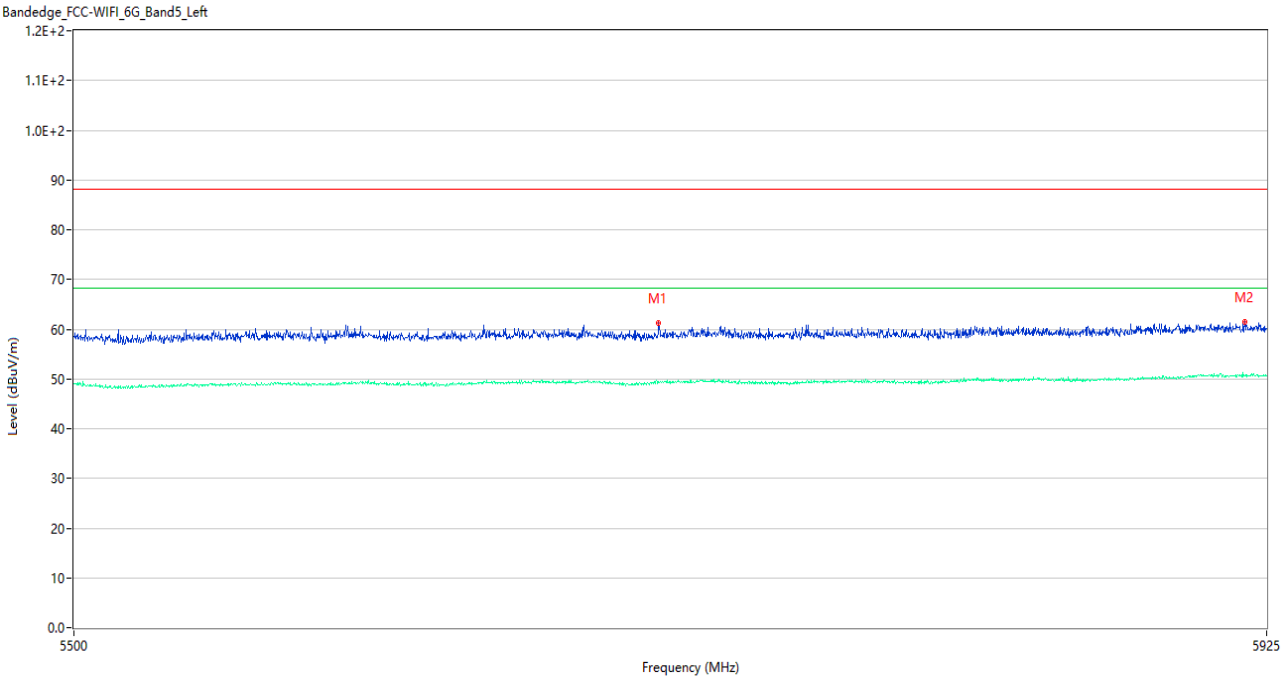
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5896.737	62.74	7.52	88.2	25.46	Peak	227.00	150	Vertical	Pass
1**	5896.737	50.90	7.52	68.2	17.30	AV	227.00	150	Vertical	Pass
2	5869.538	61.90	6.81	88.2	26.30	Peak	218.00	150	Vertical	Pass
2**	5869.538	49.93	6.81	68.2	18.27	AV	218.00	150	Vertical	Pass

U-NII-5 11ax20(RU26) CH1



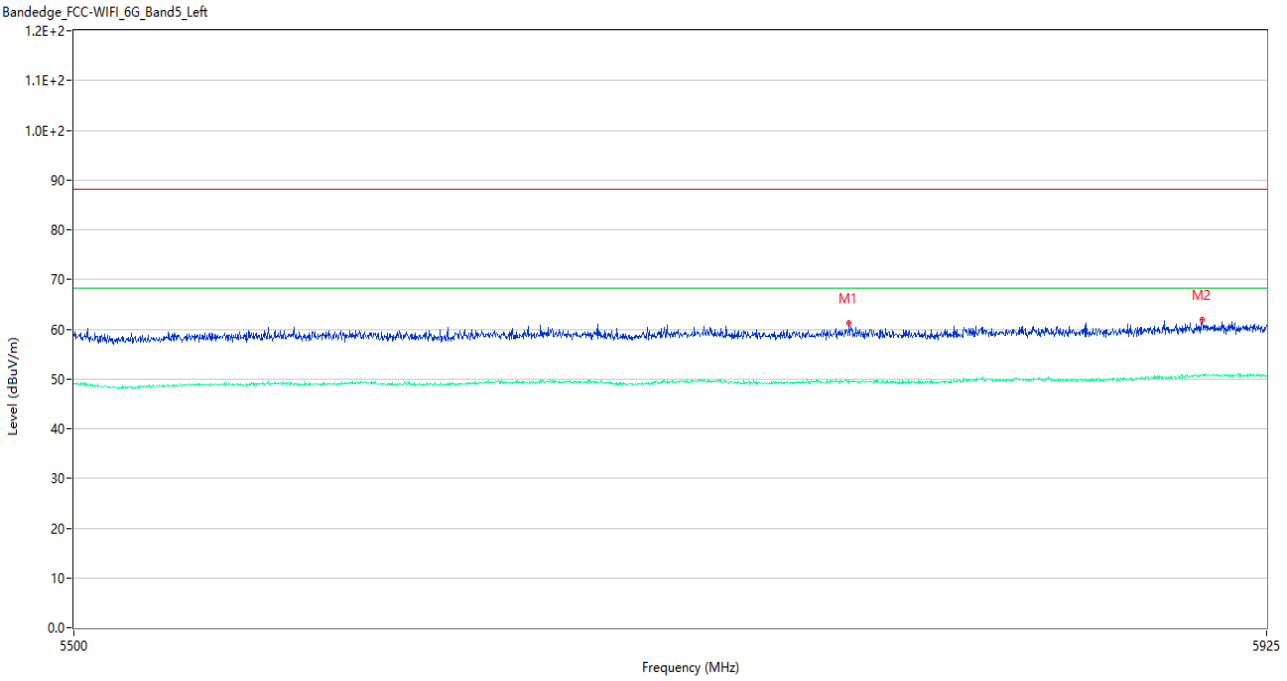
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5857.000	61.50	6.77	88.2	26.70	Peak	223.00	150	Horizontal	Pass
1**	5857.000	49.61	6.77	68.2	18.59	AV	223.00	150	Horizontal	Pass
2	5897.375	61.92	7.54	88.2	26.28	Peak	80.00	150	Horizontal	Pass
2**	5897.375	50.26	7.54	68.2	17.94	AV	80.00	150	Horizontal	Pass

U-NII-5 11ax40(RU484) CH3



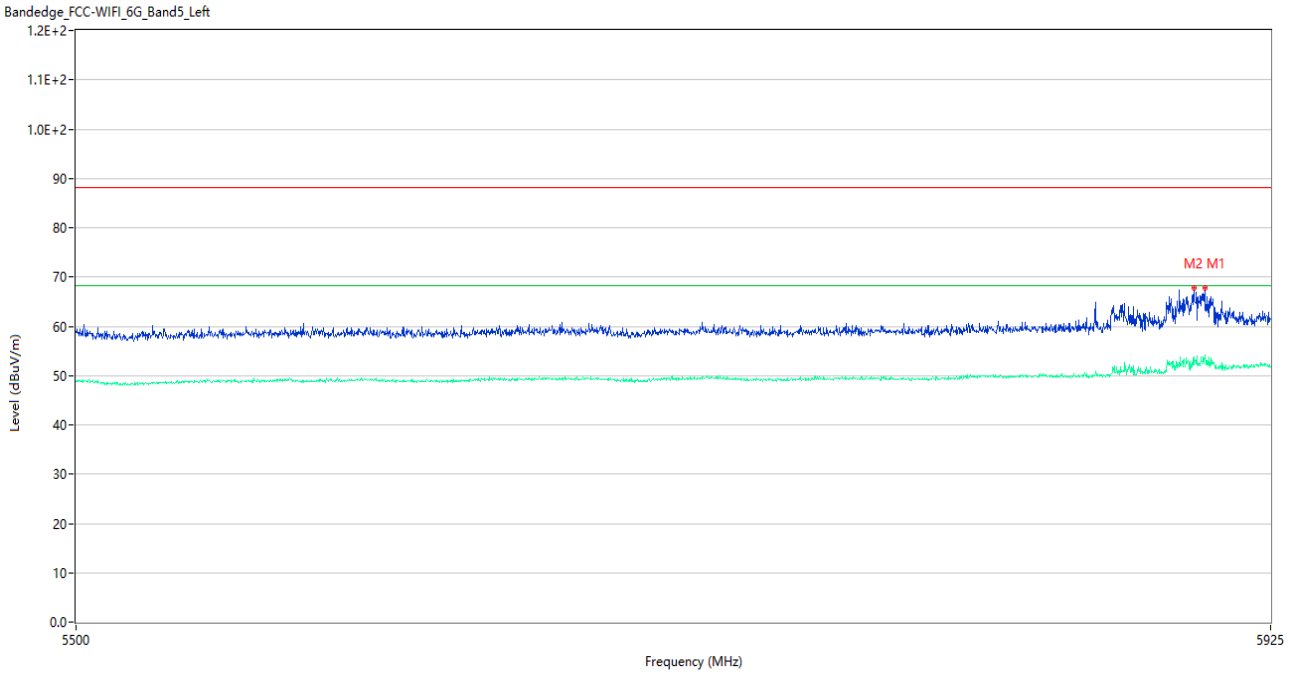
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5704.425	61.35	6.28	88.2	26.85	Peak	302.00	150	Vertical	Pass
1**	5704.425	49.17	6.28	68.2	19.03	AV	302.00	150	Vertical	Pass
2	5916.925	61.50	7.74	88.2	26.70	Peak	360.00	150	Vertical	Pass
2**	5916.925	50.65	7.74	68.2	17.55	AV	360.00	150	Vertical	Pass

U-NII-5 11ax80(RU996) CH7



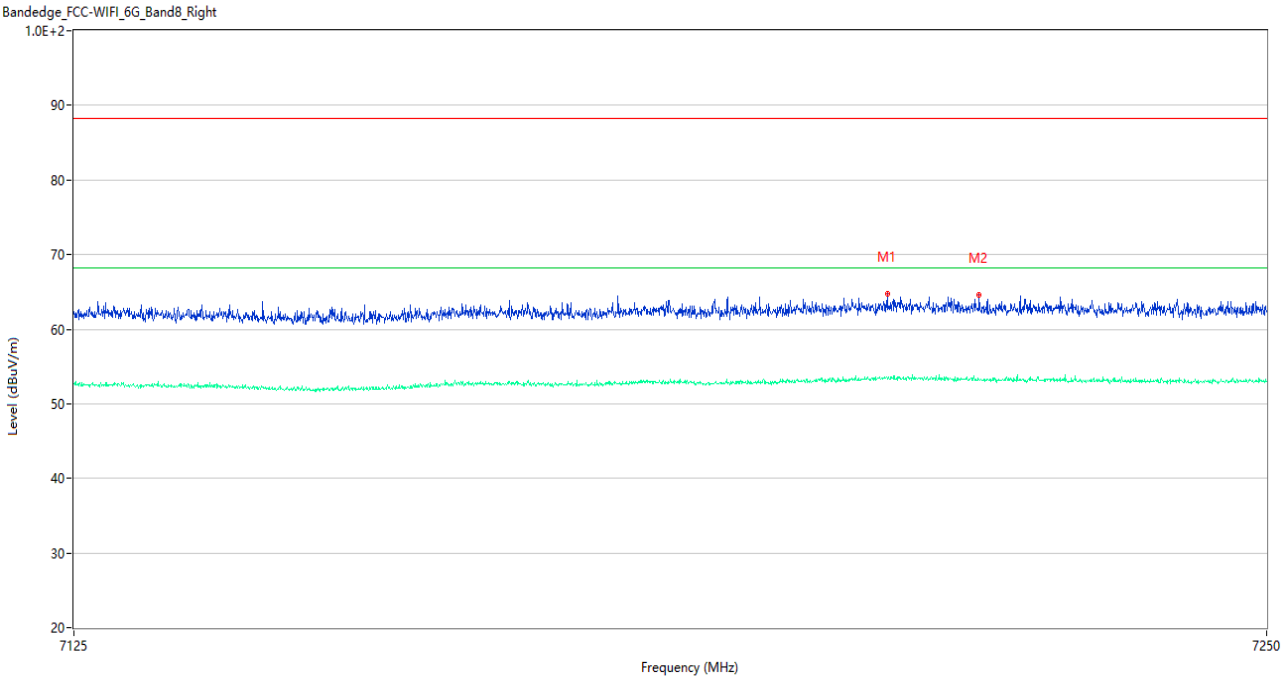
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5772.638	61.27	6.84	88.2	26.93	Peak	360.00	150	Vertical	Pass
1**	5772.638	49.35	6.84	68.2	18.85	AV	360.00	150	Vertical	Pass
2	5901.200	61.97	7.66	88.2	26.23	Peak	202.00	150	Vertical	Pass
2**	5901.200	50.88	7.66	68.2	17.32	AV	202.00	150	Vertical	Pass

U-NII-5 11ax160(RU996*2) CH15



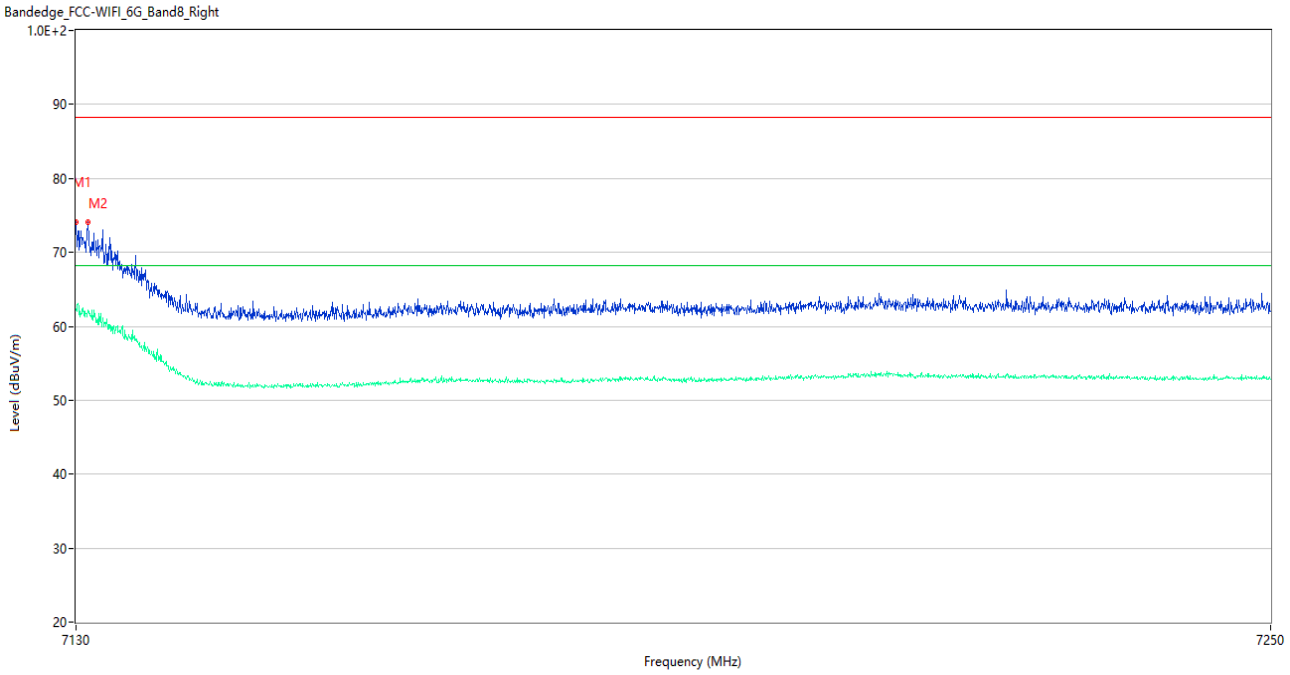
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5900.775	67.69	7.65	88.2	20.51	Peak	349.00	150	Vertical	Pass
1**	5900.775	53.81	7.65	68.2	14.39	AV	349.00	150	Vertical	Pass
2	5896.737	67.83	7.52	88.2	20.37	Peak	89.00	150	Vertical	Pass
2**	5896.737	52.20	7.52	68.2	16.00	AV	89.00	150	Vertical	Pass

U-NII-8 11ax20(SU) CH229



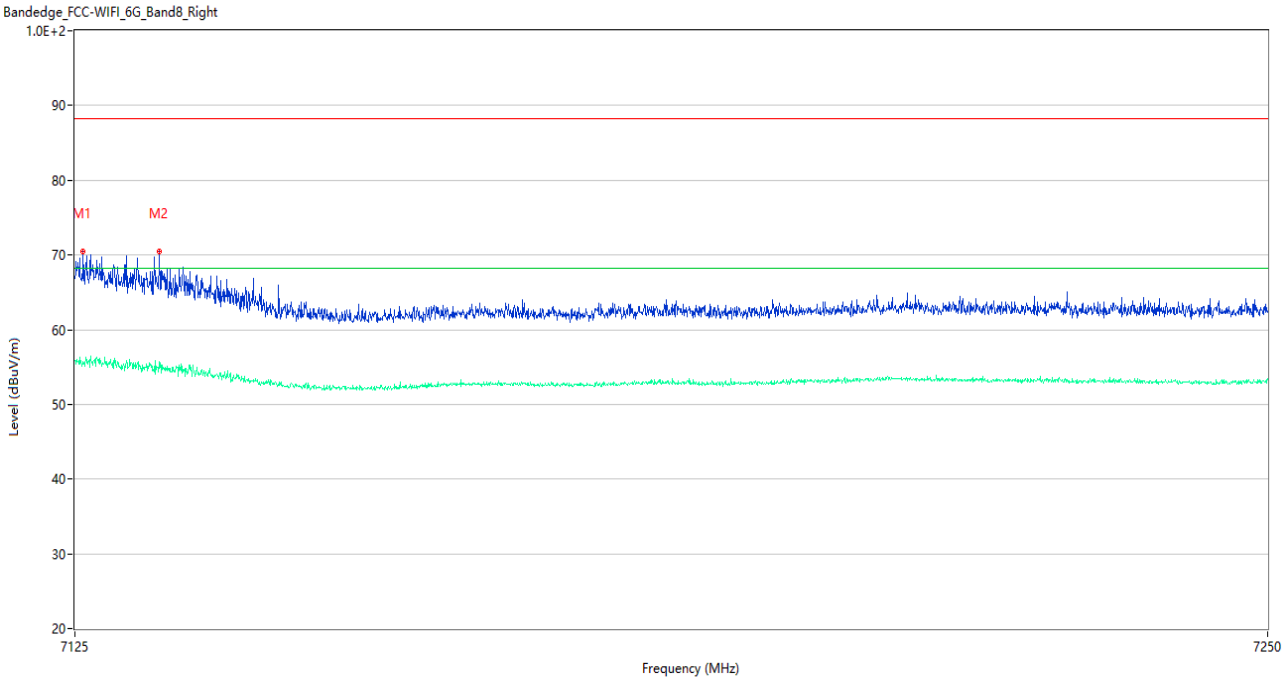
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7210.000	64.76	10.89	88.2	23.44	Peak	285.00	150	Horizontal	Pass
1**	7210.000	53.47	10.89	68.2	14.73	AV	285.00	150	Horizontal	Pass
2	7219.687	64.54	10.69	88.2	23.66	Peak	226.00	150	Horizontal	Pass
2**	7219.687	53.25	10.69	68.2	14.95	AV	226.00	150	Horizontal	Pass

U-NII-8 11ax20(SU) CH233



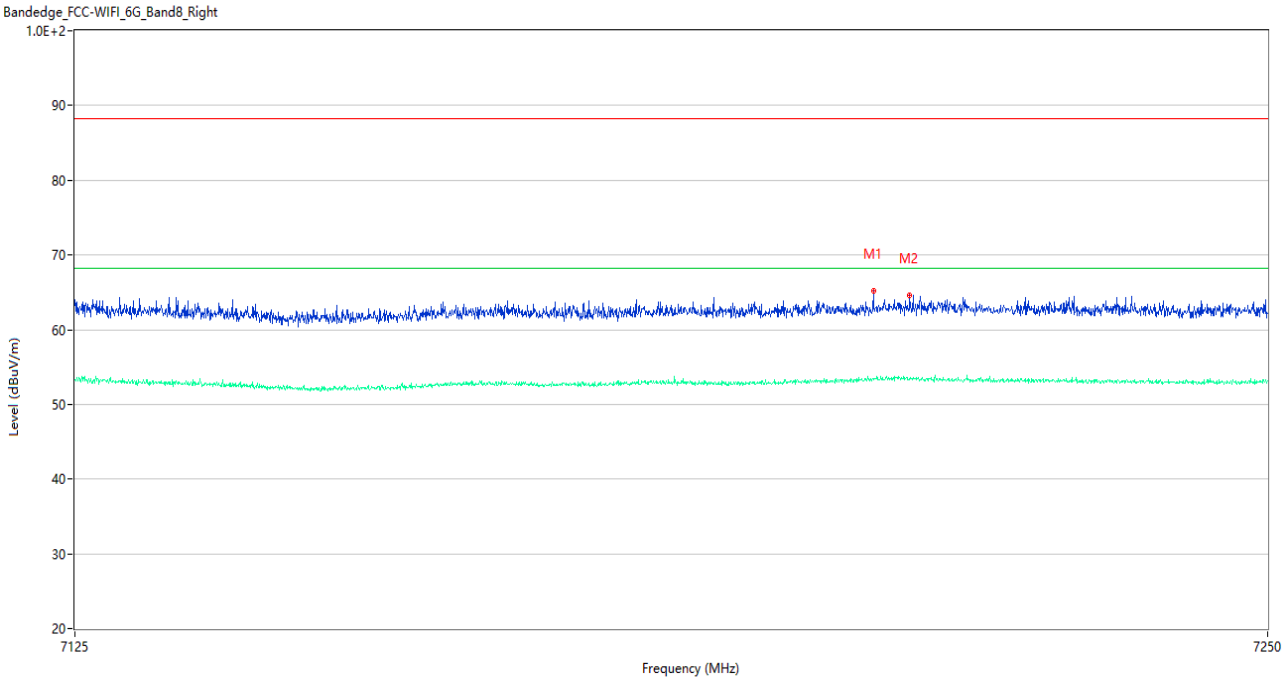
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7130.000	74.14	9.37	88.2	14.06	Peak	280.00	150	Vertical	Pass
1**	7130.000	62.38	9.37	68.2	5.82	AV	280.00	150	Vertical	Pass
2	7131.188	74.07	9.29	88.2	14.13	Peak	272.00	150	Vertical	Pass
2**	7131.188	62.14	9.29	68.2	6.06	AV	272.00	150	Vertical	Pass

U-NII-8 11ax40(SU) CH227



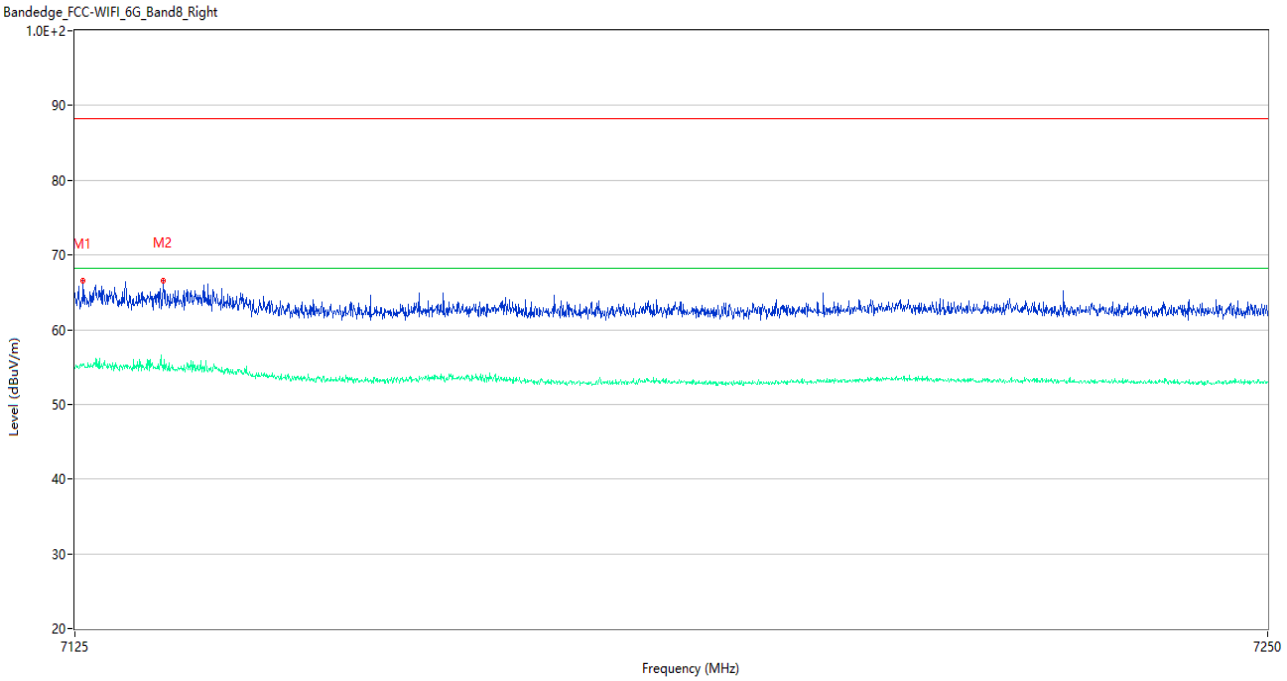
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.875	70.54	9.37	88.2	17.66	Peak	273.00	150	Vertical	Pass
1**	7125.875	55.34	9.37	68.2	12.86	AV	273.00	150	Vertical	Pass
2	7133.813	70.45	9.33	88.2	17.75	Peak	282.00	150	Vertical	Pass
2**	7133.813	54.82	9.33	68.2	13.38	AV	282.00	150	Vertical	Pass

U-NII-8 11ax80(SU) CH215



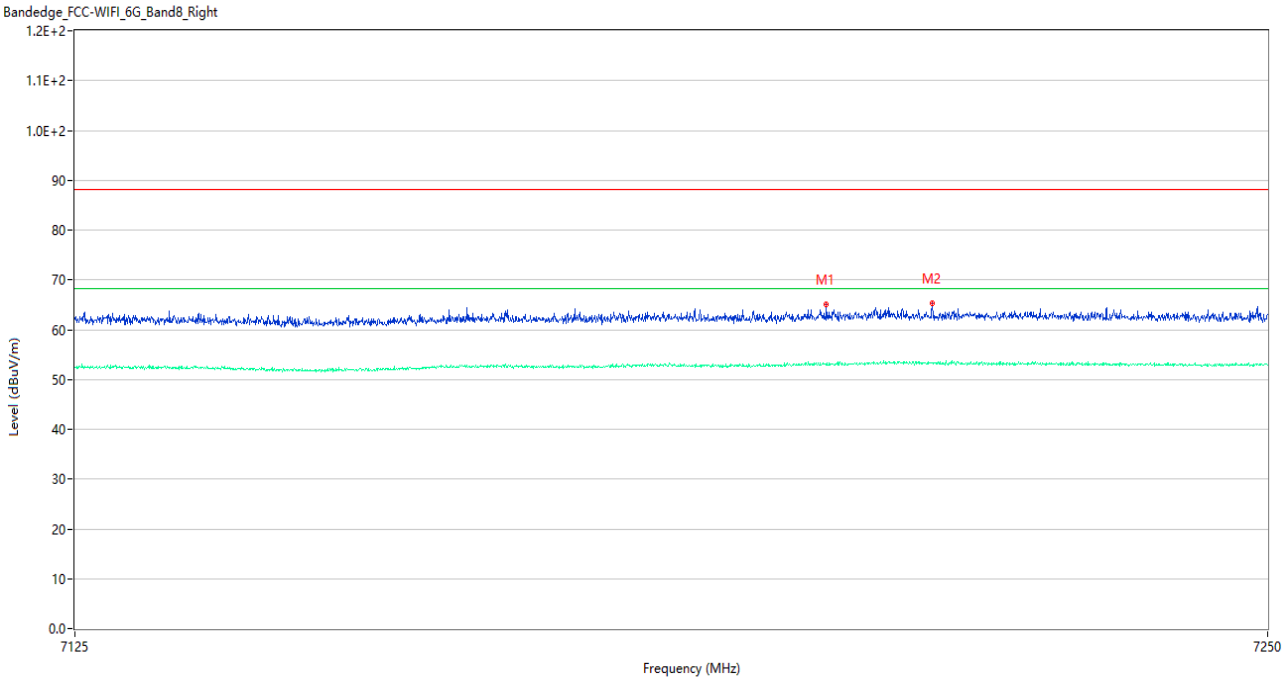
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7208.437	65.21	10.74	88.2	22.99	Peak	105.00	150	Vertical	Pass
1**	7208.437	53.38	10.74	68.2	14.82	AV	105.00	150	Vertical	Pass
2	7212.250	64.61	10.87	88.2	23.59	Peak	360.00	150	Vertical	Pass
2**	7212.250	53.27	10.87	68.2	14.93	AV	360.00	150	Vertical	Pass

U-NII-8 11ax160(SU) CH207



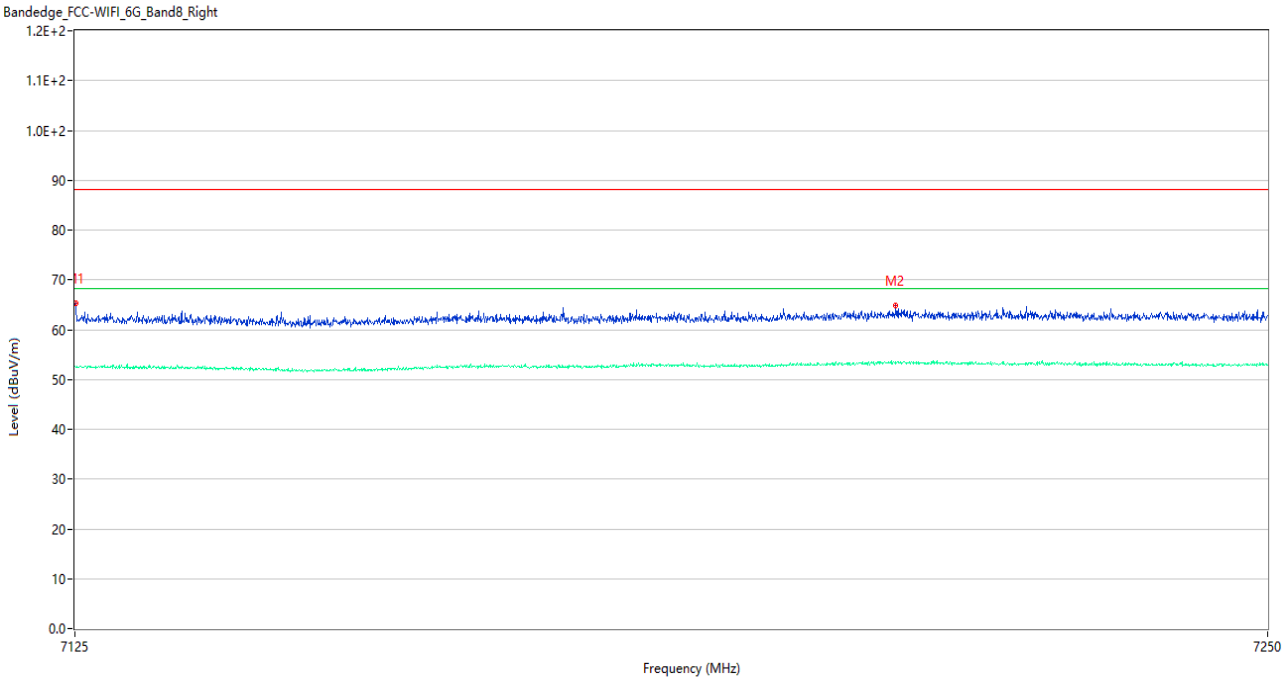
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.875	66.51	9.37	88.2	21.69	Peak	83.00	150	Vertical	Pass
1**	7125.875	55.27	9.37	68.2	12.93	AV	83.00	150	Vertical	Pass
2	7134.188	66.48	9.32	88.2	21.72	Peak	267.00	150	Vertical	Pass
2**	7134.188	54.51	9.32	68.2	13.69	AV	267.00	150	Vertical	Pass

U-NII-8 11ax20(RU26) CH229



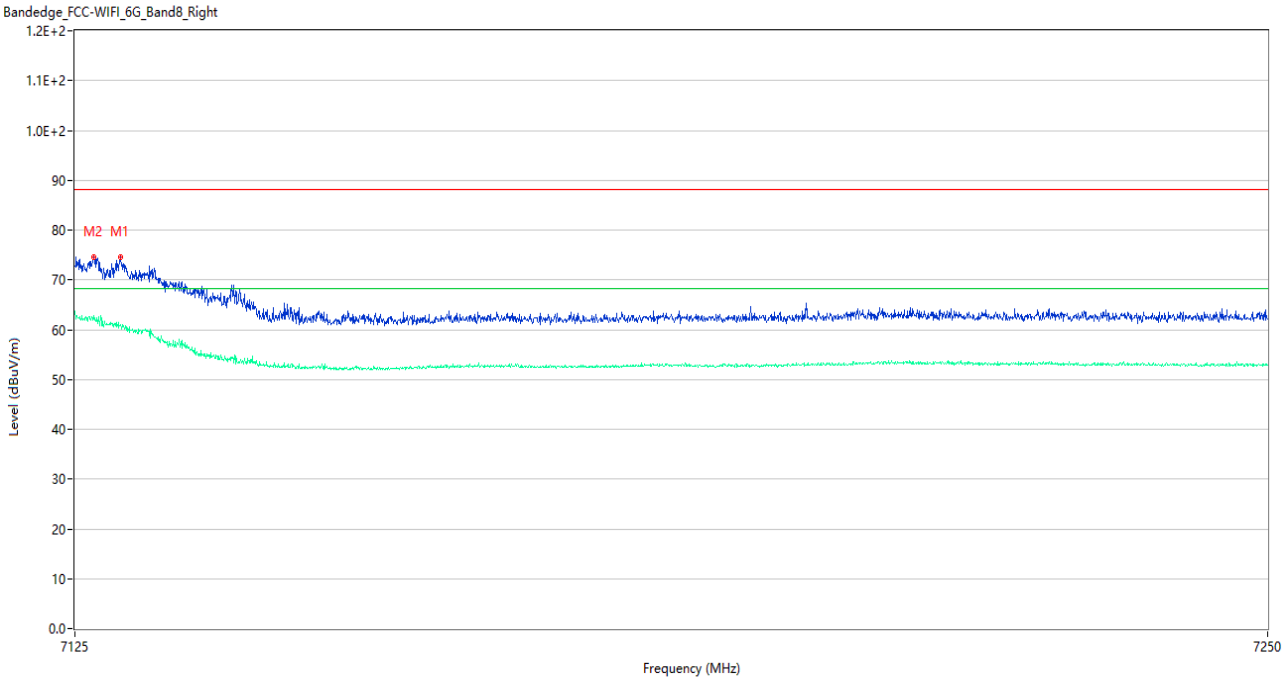
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7203.500	65.15	10.34	88.2	23.05	Peak	0.00	150	Horizontal	Pass
1**	7203.500	52.96	10.34	68.2	15.24	AV	0.00	150	Horizontal	Pass
2	7214.625	65.39	10.81	88.2	22.81	Peak	209.00	150	Horizontal	Pass
2**	7214.625	53.36	10.81	68.2	14.84	AV	209.00	150	Horizontal	Pass

U-NII-8 11ax20(RU26) CH233



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	65.22	9.38	88.2	22.98	Peak	136.00	150	Vertical	Pass
1**	7125.063	52.46	9.38	68.2	15.74	AV	136.00	150	Vertical	Pass
2	7210.812	64.83	10.89	88.2	23.37	Peak	127.00	150	Vertical	Pass
2**	7210.812	53.46	10.89	68.2	14.74	AV	127.00	150	Vertical	Pass

U-NII-8 11ax40(RU484) CH227

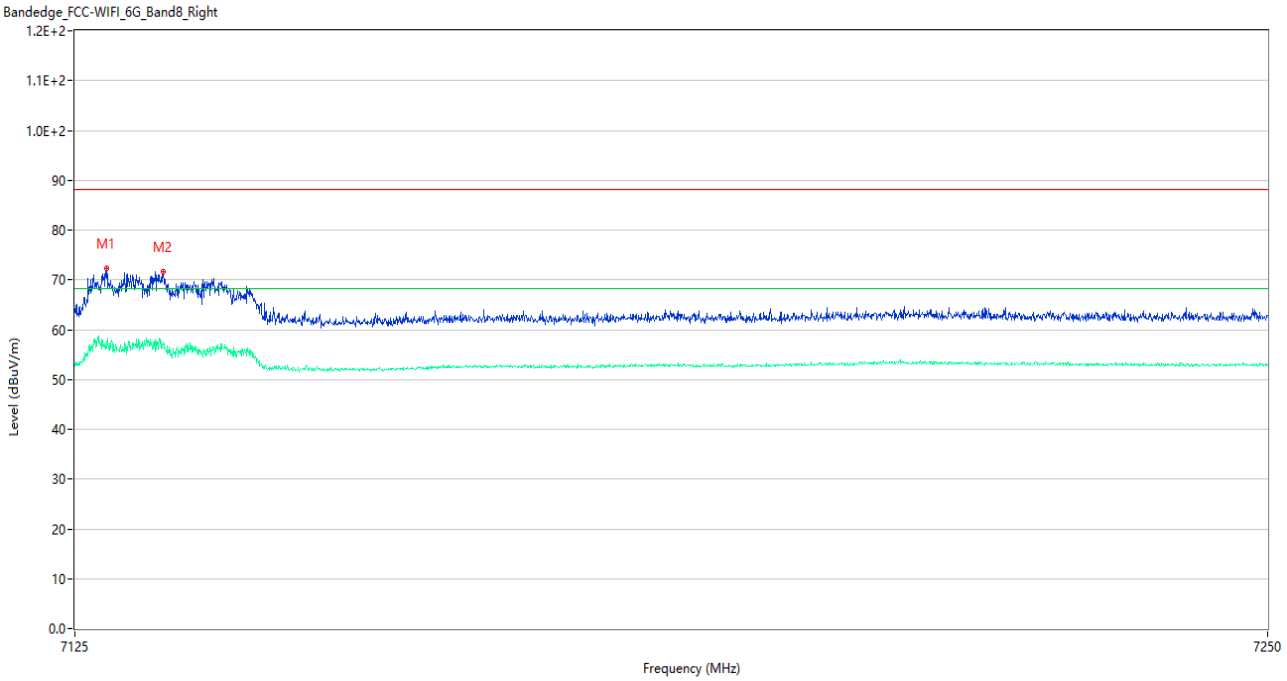


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7129.750	74.63	9.38	88.2	13.57	Peak	305.00	150	Vertical	Pass
1**	7129.750	60.95	9.38	68.2	7.25	AV	305.00	150	Vertical	Pass
2	7126.938	74.67	9.37	88.2	13.53	Peak	305.00	150	Vertical	Pass
2**	7126.938	62.06	9.37	68.2	6.14	AV	305.00	150	Vertical	Pass

U-NII-8 11ax80(RU996) CH215

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.125	69.90	9.38	88.2	18.30	Peak	82.00	150	Vertical	Pass
1**	7125.125	58.09	9.38	68.2	10.11	AV	82.00	150	Vertical	Pass
2	7125.813	69.03	9.37	88.2	19.17	Peak	300.00	150	Vertical	Pass
2**	7125.813	57.71	9.37	68.2	10.49	AV	300.00	150	Vertical	Pass

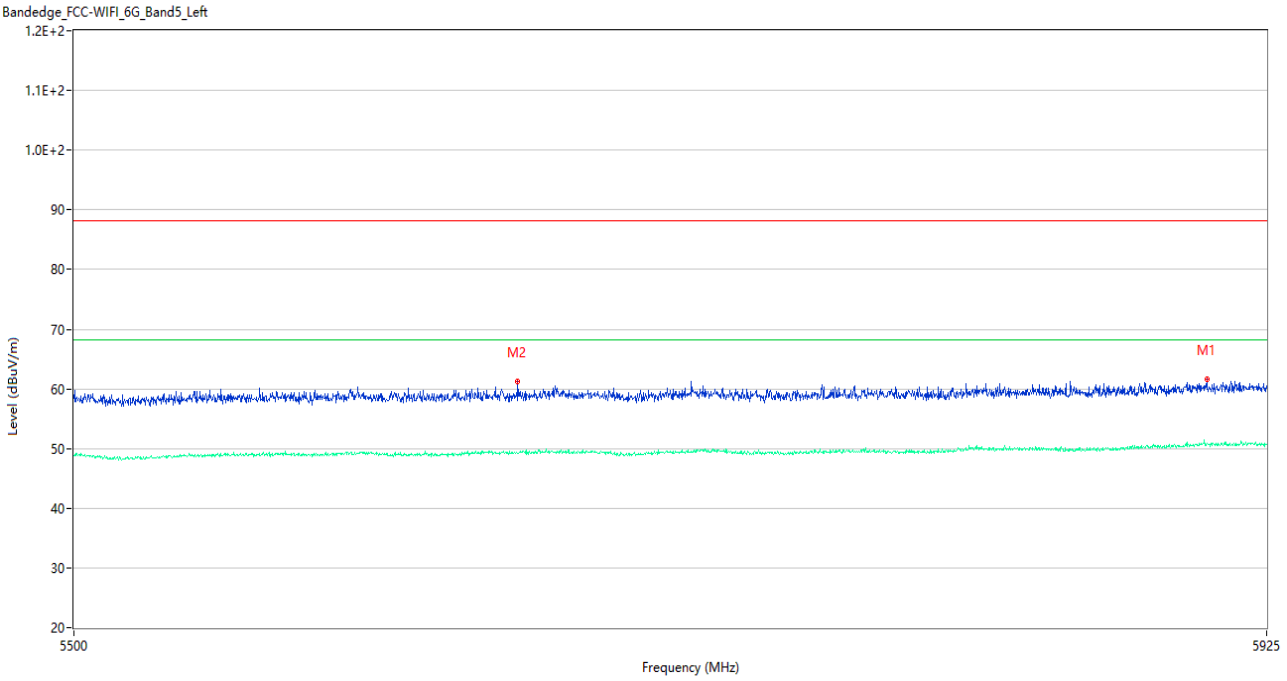
U-NII-8 11ax160(RU996*2) CH207



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7128.312	72.33	9.39	88.2	15.87	Peak	224.00	150	Vertical	Pass
1**	7128.312	56.27	9.39	68.2	11.93	AV	224.00	150	Vertical	Pass
2	7134.188	71.59	9.32	88.2	16.61	Peak	224.00	150	Vertical	Pass
2**	7134.188	57.35	9.32	68.2	10.85	AV	224.00	150	Vertical	Pass

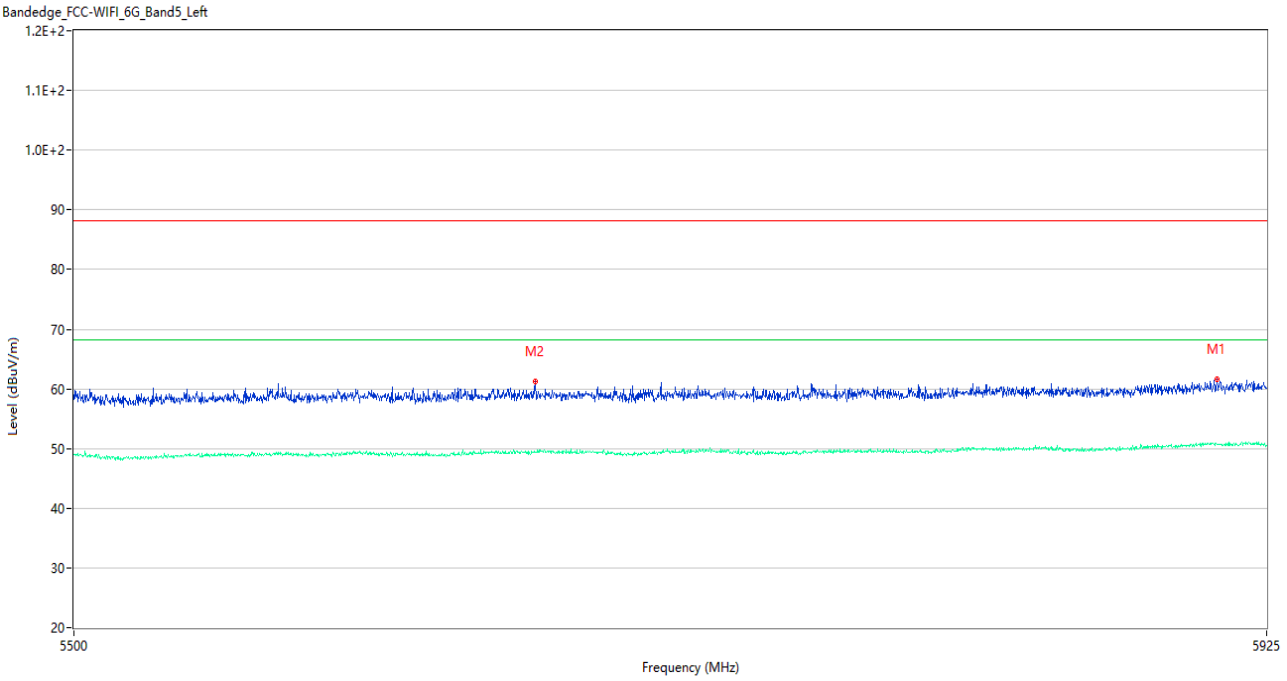
Aux. Antenna

U-NII-5 11ax20(SU) CH1



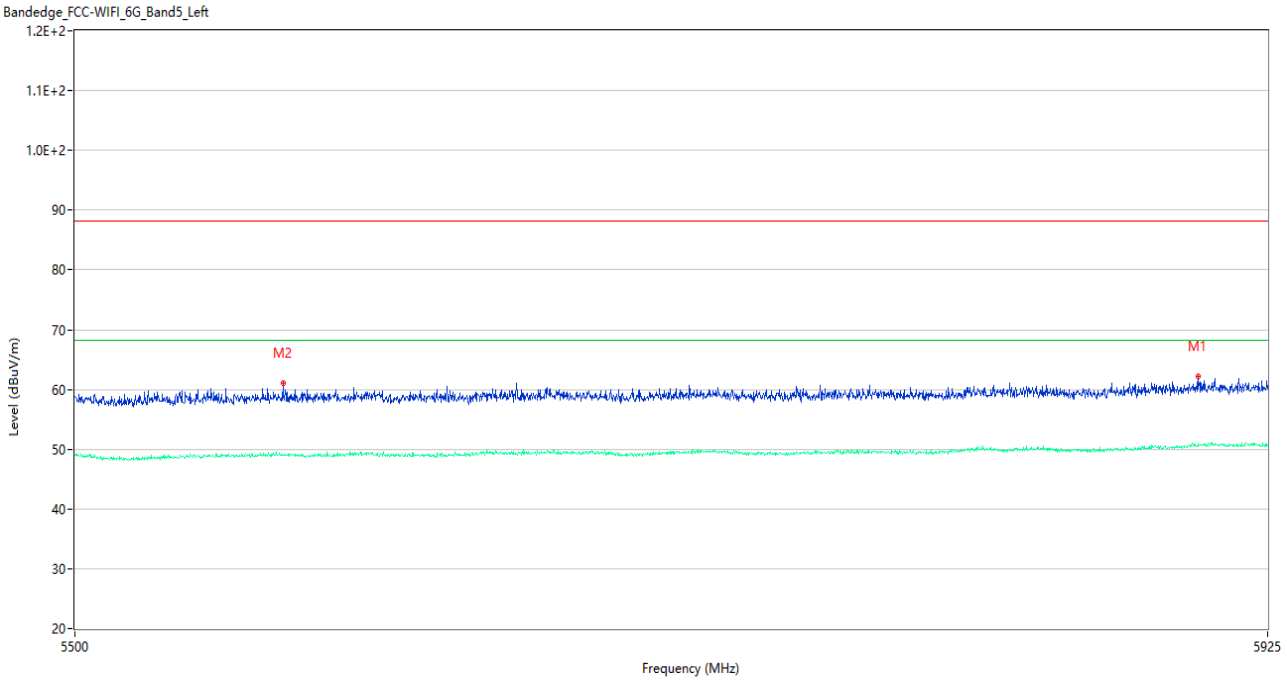
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5902.900	61.53	7.68	88.2	26.67	Peak	58.00	150	Vertical	Pass
1**	5902.900	50.95	7.68	68.2	17.25	AV	58.00	150	Vertical	Pass
2	5654.488	61.20	6.00	88.2	27.00	Peak	182.00	150	Vertical	Pass
2**	5654.488	49.28	6.00	68.2	18.92	AV	182.00	150	Vertical	Pass

U-NII-5 11ax40(SU) CH3



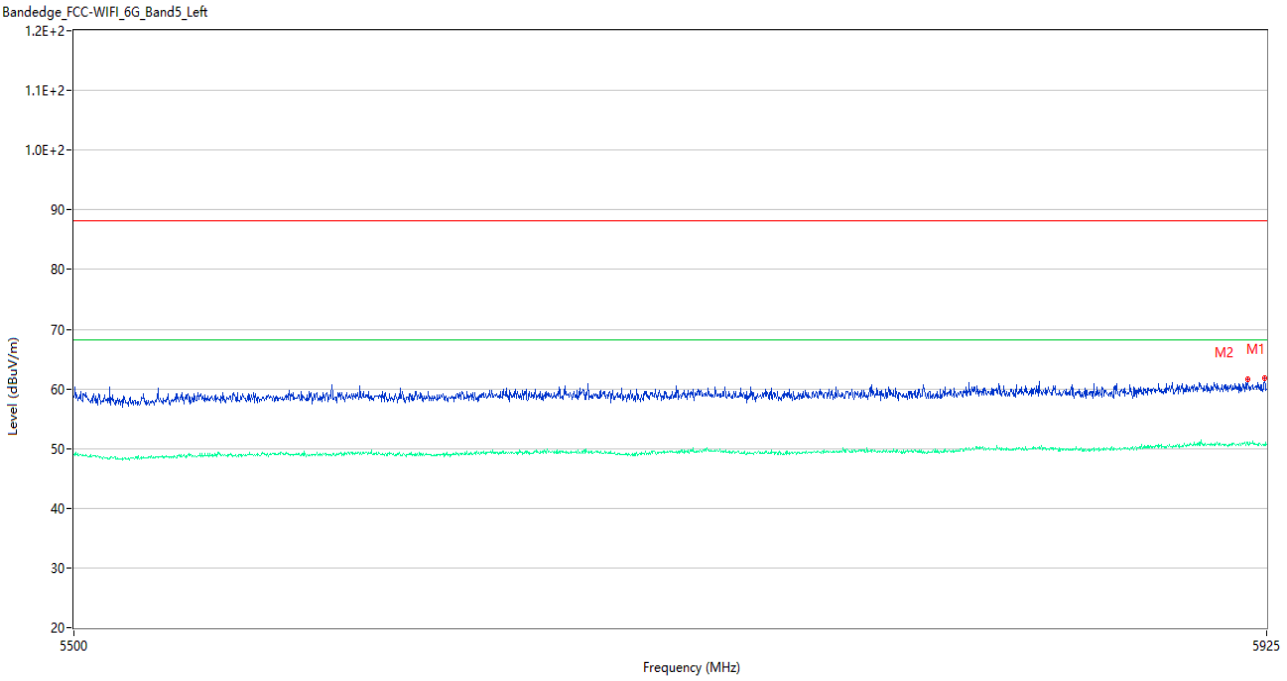
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5906.725	61.62	7.63	88.2	26.58	Peak	105.00	150	Horizontal	Pass
1**	5906.725	50.72	7.63	68.2	17.48	AV	105.00	150	Horizontal	Pass
2	5660.650	61.29	6.18	88.2	26.91	Peak	184.00	150	Horizontal	Pass
2**	5660.650	49.37	6.18	68.2	18.83	AV	184.00	150	Horizontal	Pass

U-NII-5 11ax80(SU) CH7



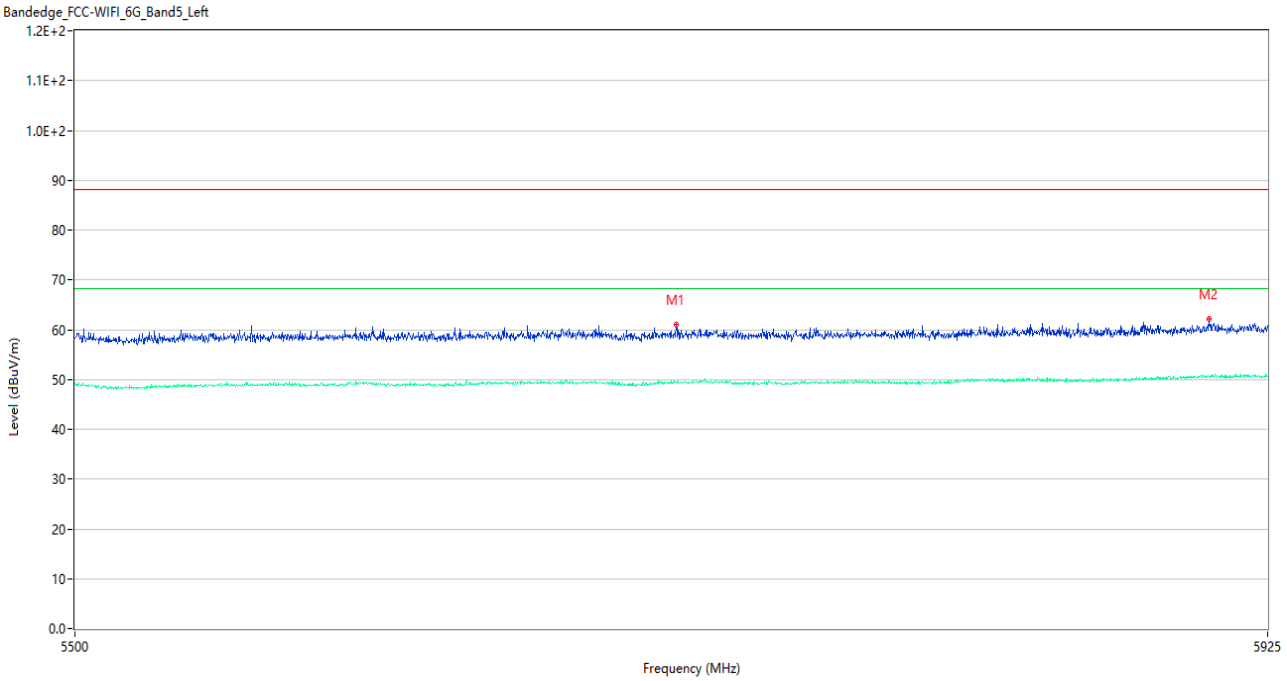
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5899.288	62.24	7.60	88.2	25.96	Peak	90.00	150	Horizontal	Pass
1**	5899.288	50.56	7.60	68.2	17.64	AV	90.00	150	Horizontal	Pass
2	5571.825	61.00	5.93	88.2	27.20	Peak	31.00	150	Horizontal	Pass
2**	5571.825	49.06	5.93	68.2	19.14	AV	31.00	150	Horizontal	Pass

U-NII-5 11ax160(SU) CH15



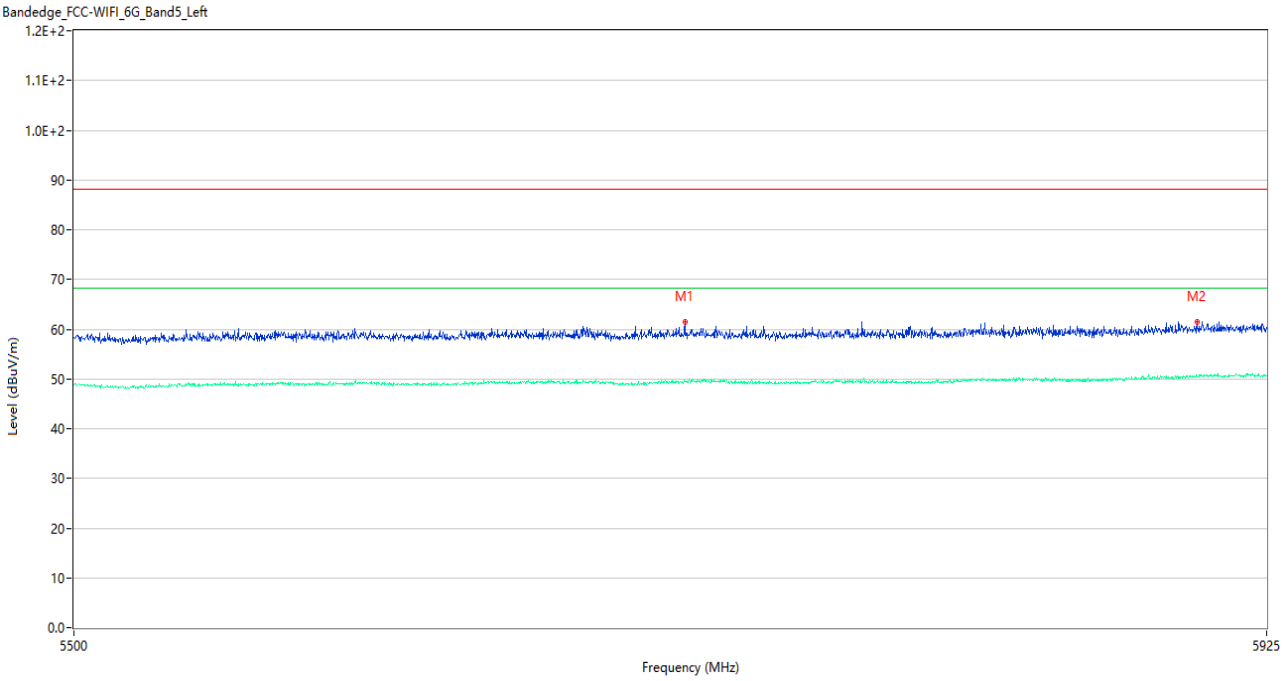
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.150	61.83	7.82	88.2	26.37	Peak	90.00	150	Horizontal	Pass
1**	5924.150	50.53	7.82	68.2	17.67	AV	90.00	150	Horizontal	Pass
2	5917.987	61.54	7.80	88.2	26.66	Peak	80.00	150	Horizontal	Pass
2**	5917.987	50.67	7.80	68.2	17.53	AV	80.00	150	Horizontal	Pass

U-NII-5 11ax20(RU26) CH1



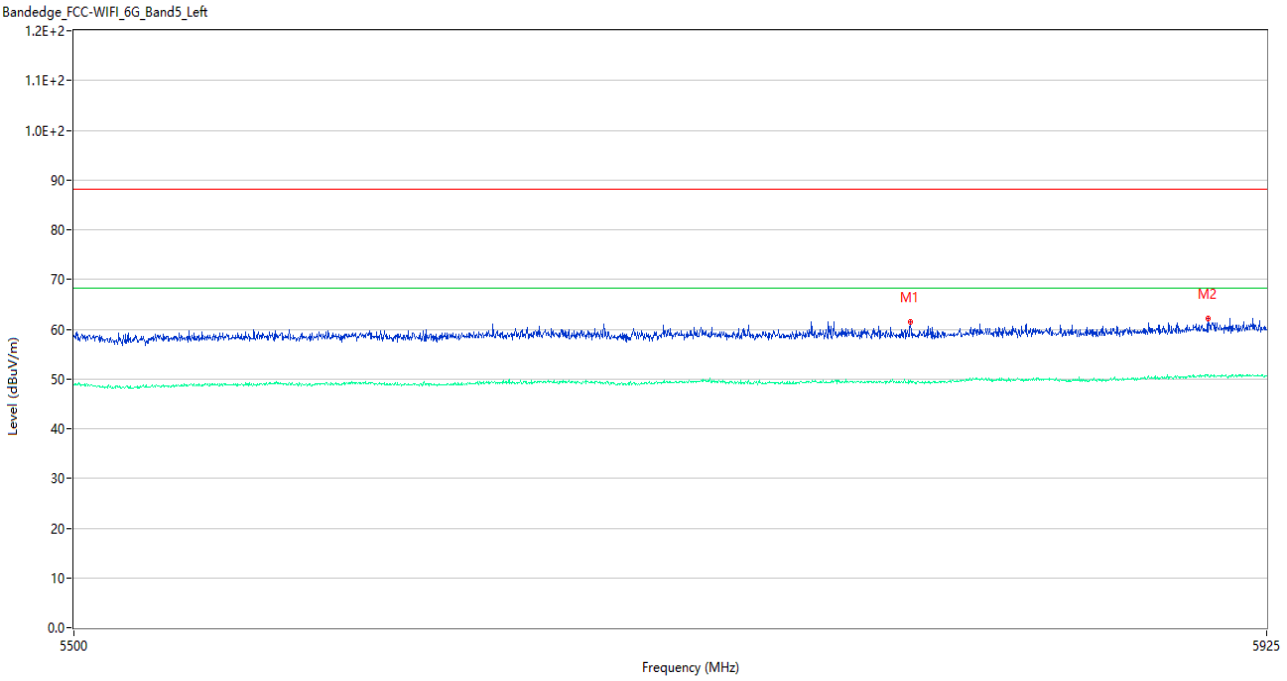
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5710.162	61.04	6.40	88.2	27.16	Peak	82.00	150	Vertical	Pass
1**	5710.162	49.50	6.40	68.2	18.70	AV	82.00	150	Vertical	Pass
2	5903.325	62.18	7.68	88.2	26.02	Peak	265.00	150	Vertical	Pass
2**	5903.325	50.64	7.68	68.2	17.56	AV	265.00	150	Vertical	Pass

U-NII-5 11ax40(RU484) CH3



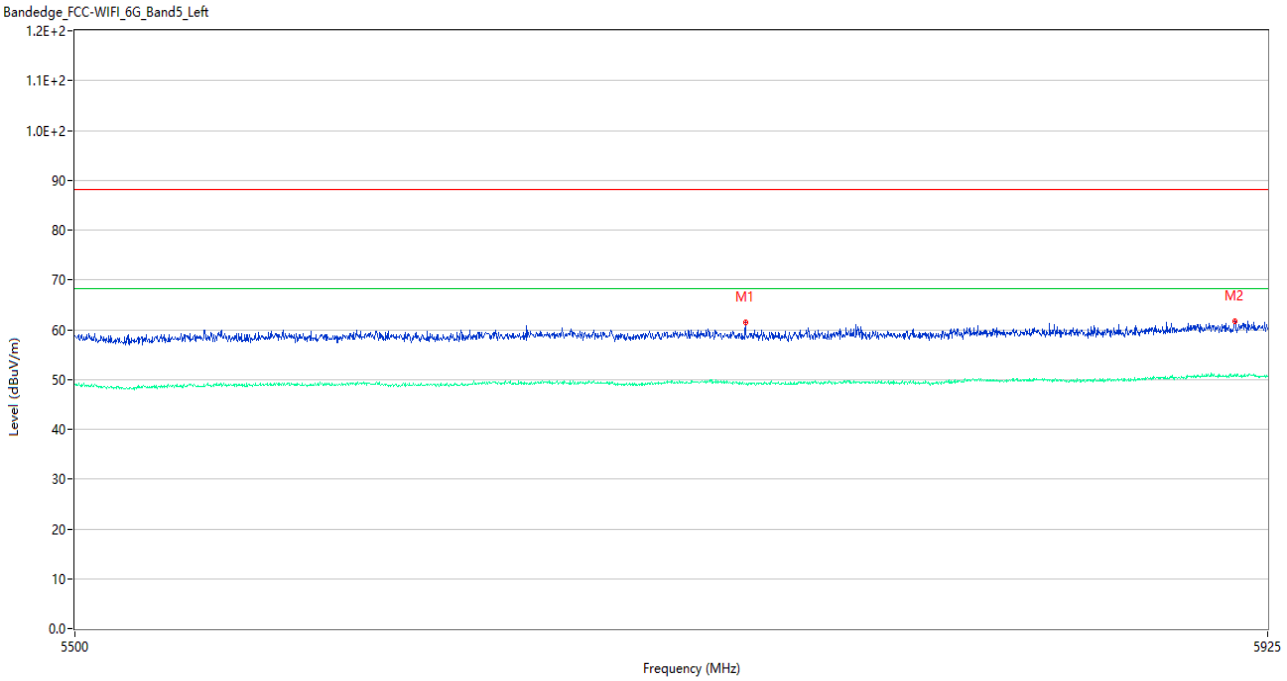
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5713.775	61.48	6.44	88.2	26.72	Peak	340.00	150	Horizontal	Pass
1**	5713.775	49.38	6.44	68.2	18.82	AV	340.00	150	Horizontal	Pass
2	5899.288	61.57	7.60	88.2	26.63	Peak	42.00	150	Horizontal	Pass
2**	5899.288	50.62	7.60	68.2	17.58	AV	42.00	150	Horizontal	Pass

U-NII-5 11ax80(RU996) CH7



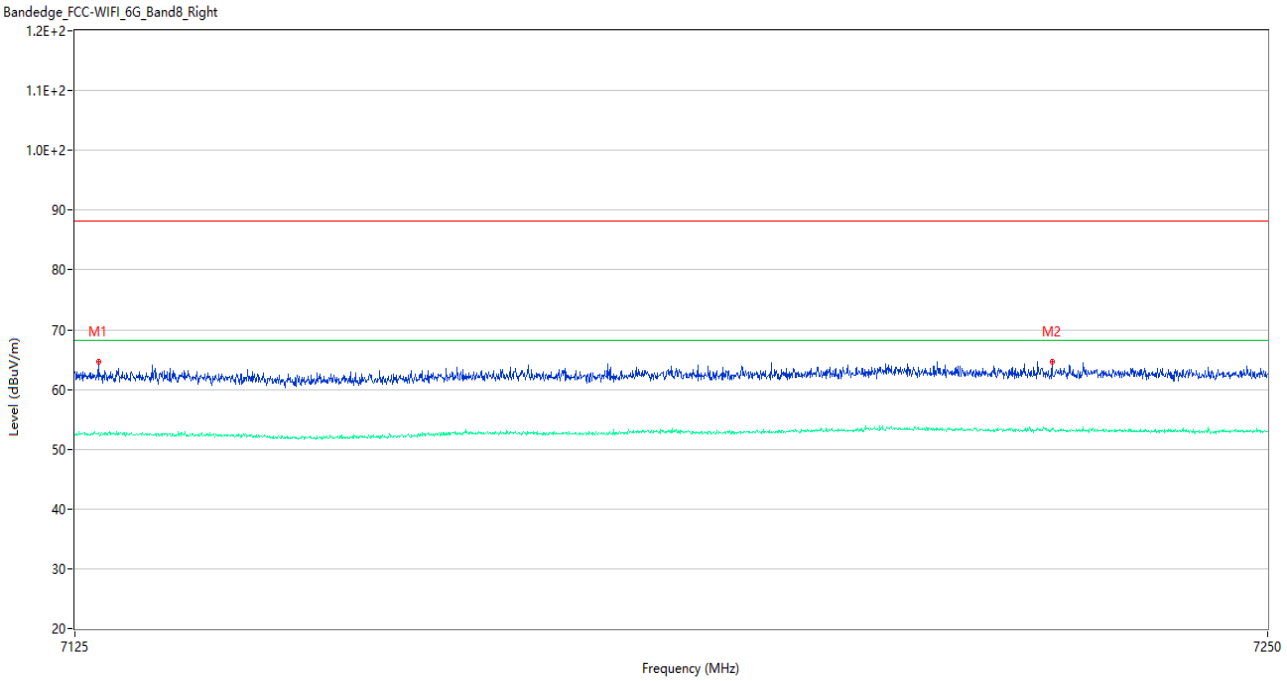
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5794.737	61.39	6.62	88.2	26.81	Peak	25.00	150	Horizontal	Pass
1**	5794.737	49.67	6.62	68.2	18.53	AV	25.00	150	Horizontal	Pass
2	5903.538	62.13	7.69	88.2	26.07	Peak	0.00	150	Horizontal	Pass
2**	5903.538	50.78	7.69	68.2	17.42	AV	0.00	150	Horizontal	Pass

U-NII-5 11ax160(RU996*2) CH15



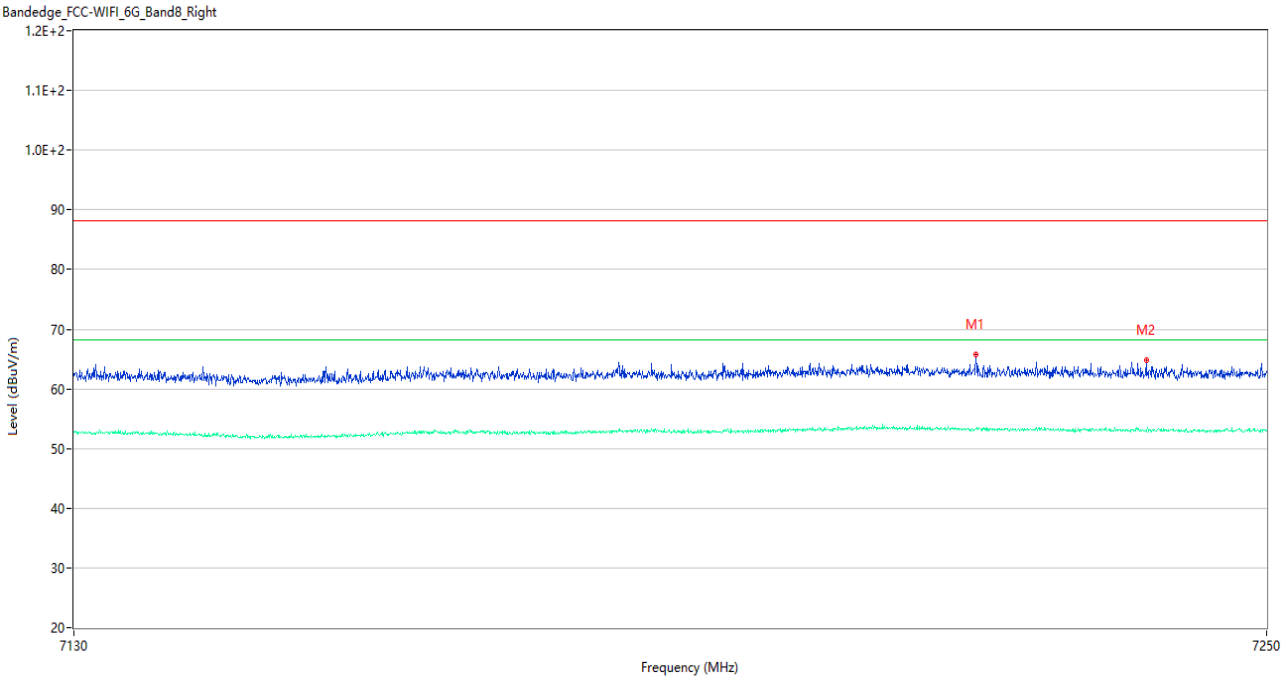
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5735.025	61.39	6.29	88.2	26.81	Peak	0.00	150	Horizontal	Pass
1**	5735.025	49.13	6.29	68.2	19.07	AV	0.00	150	Horizontal	Pass
2	5912.888	61.72	7.64	88.2	26.48	Peak	200.00	150	Horizontal	Pass
2**	5912.888	51.08	7.64	68.2	17.12	AV	200.00	150	Horizontal	Pass

U-NII-8 11ax20(SU) CH229



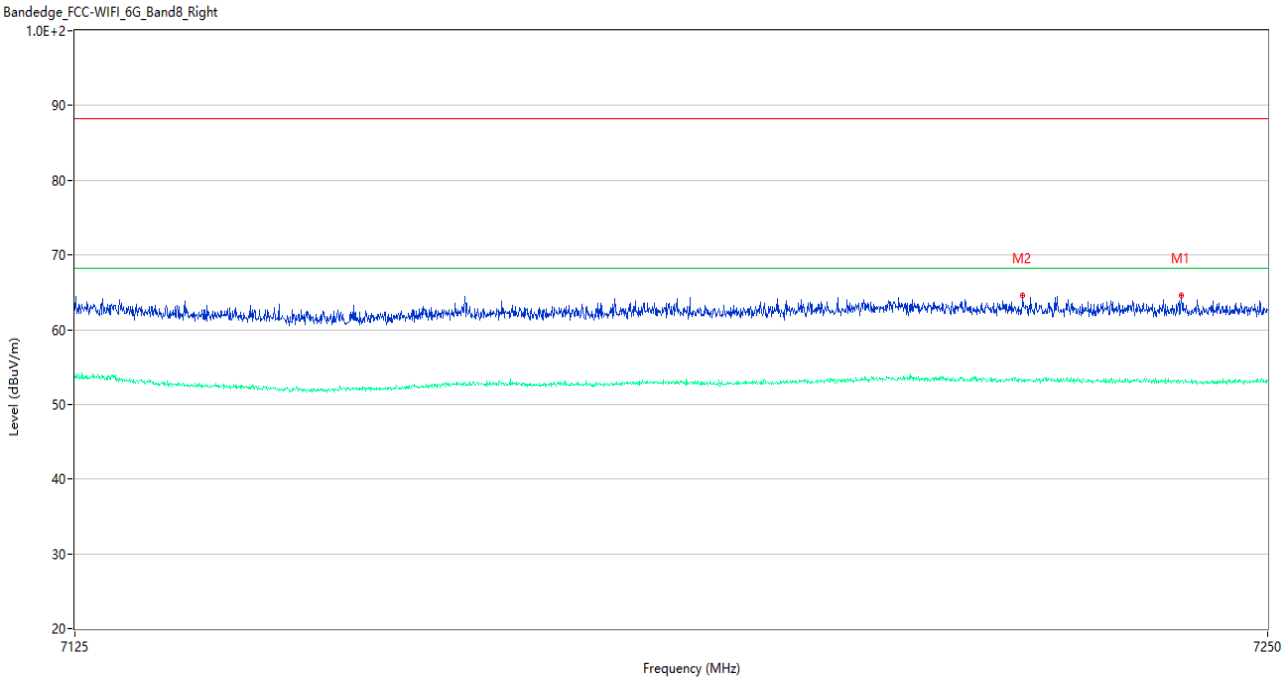
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7127.437	64.67	9.37	88.2	23.53	Peak	221.00	150	Vertical	Pass
1**	7127.437	52.78	9.37	68.2	15.42	AV	221.00	150	Vertical	Pass
2	7227.250	64.67	10.58	88.2	23.53	Peak	105.00	150	Vertical	Pass
2**	7227.250	53.52	10.58	68.2	14.68	AV	105.00	150	Vertical	Pass

U-NII-8 11ax20(SU) CH233



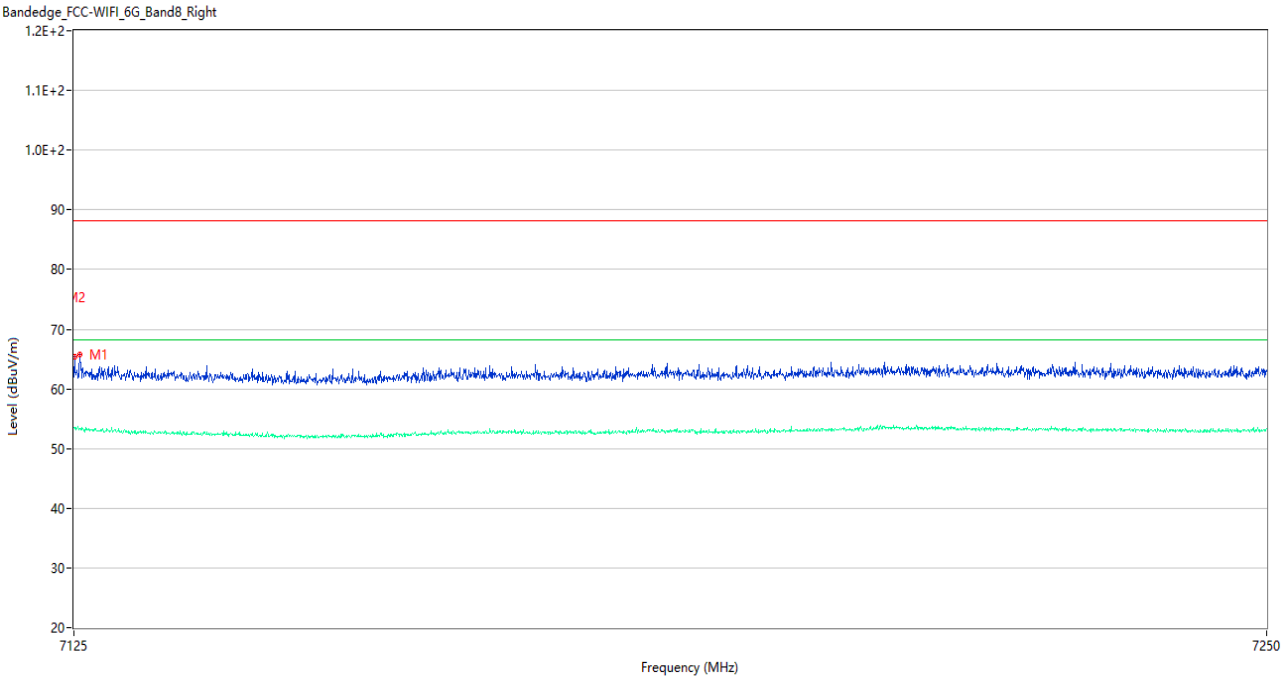
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7220.562	65.83	10.66	88.2	22.37	Peak	271.00	150	Vertical	Pass
1**	7220.562	53.35	10.66	68.2	14.85	AV	271.00	150	Vertical	Pass
2	7237.813	64.79	10.29	88.2	23.41	Peak	187.00	150	Vertical	Pass
2**	7237.813	52.77	10.29	68.2	15.43	AV	187.00	150	Vertical	Pass

U-NII-8 11ax40(SU) CH227



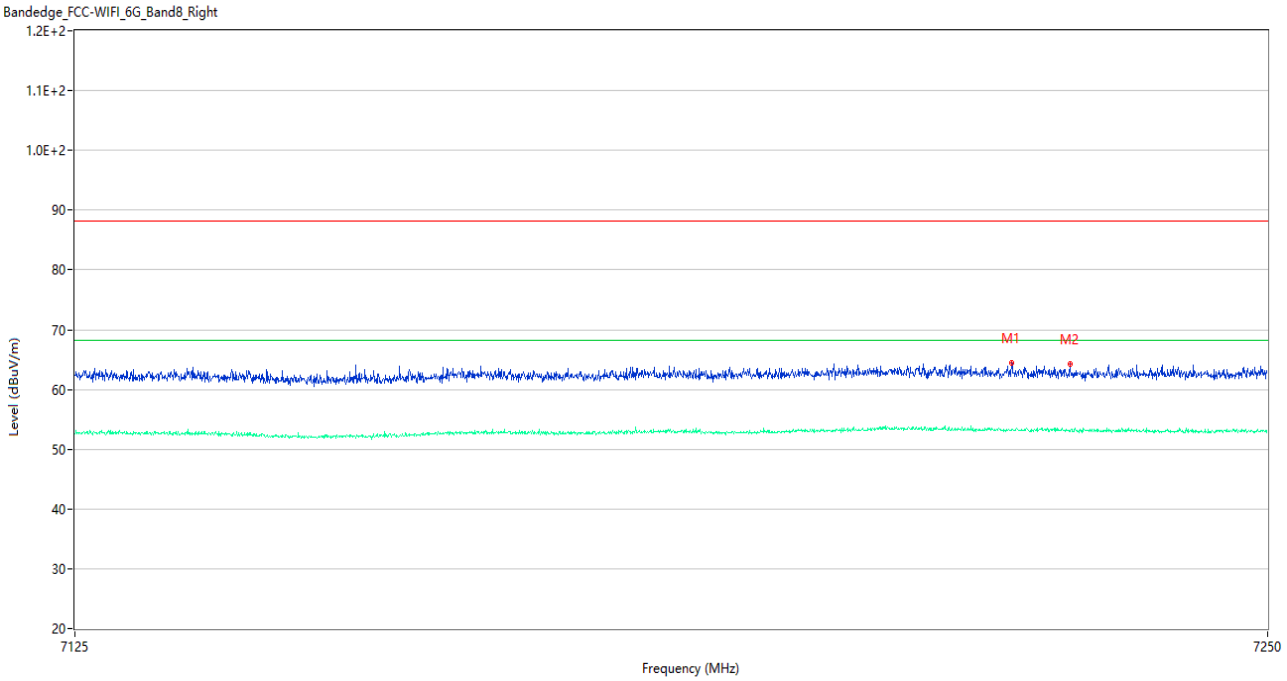
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7240.875	64.56	10.28	88.2	23.64	Peak	98.00	150	Vertical	Pass
1**	7240.875	53.08	10.28	68.2	15.12	AV	98.00	150	Vertical	Pass
2	7224.187	64.54	10.61	88.2	23.66	Peak	350.00	150	Vertical	Pass
2**	7224.187	53.08	10.61	68.2	15.12	AV	350.00	150	Vertical	Pass

U-NII-8 11ax80(SU) CH215



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.625	65.84	9.37	88.2	22.36	Peak	114.00	150	Vertical	Pass
1**	7125.625	53.34	9.37	68.2	14.86	AV	114.00	150	Vertical	Pass
2	7125.063	65.41	9.38	88.2	22.79	Peak	136.00	150	Vertical	Pass
2**	7125.063	53.30	9.38	68.2	14.90	AV	136.00	150	Vertical	Pass

U-NII-8 11ax160(SU) CH207



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7222.938	64.46	10.63	88.2	23.74	Peak	360.00	150	Horizontal	Pass
1**	7222.938	53.31	10.63	68.2	14.89	AV	360.00	150	Horizontal	Pass
2	7229.125	64.34	10.50	88.2	23.86	Peak	360.00	150	Horizontal	Pass
2**	7229.125	53.02	10.50	68.2	15.18	AV	360.00	150	Horizontal	Pass

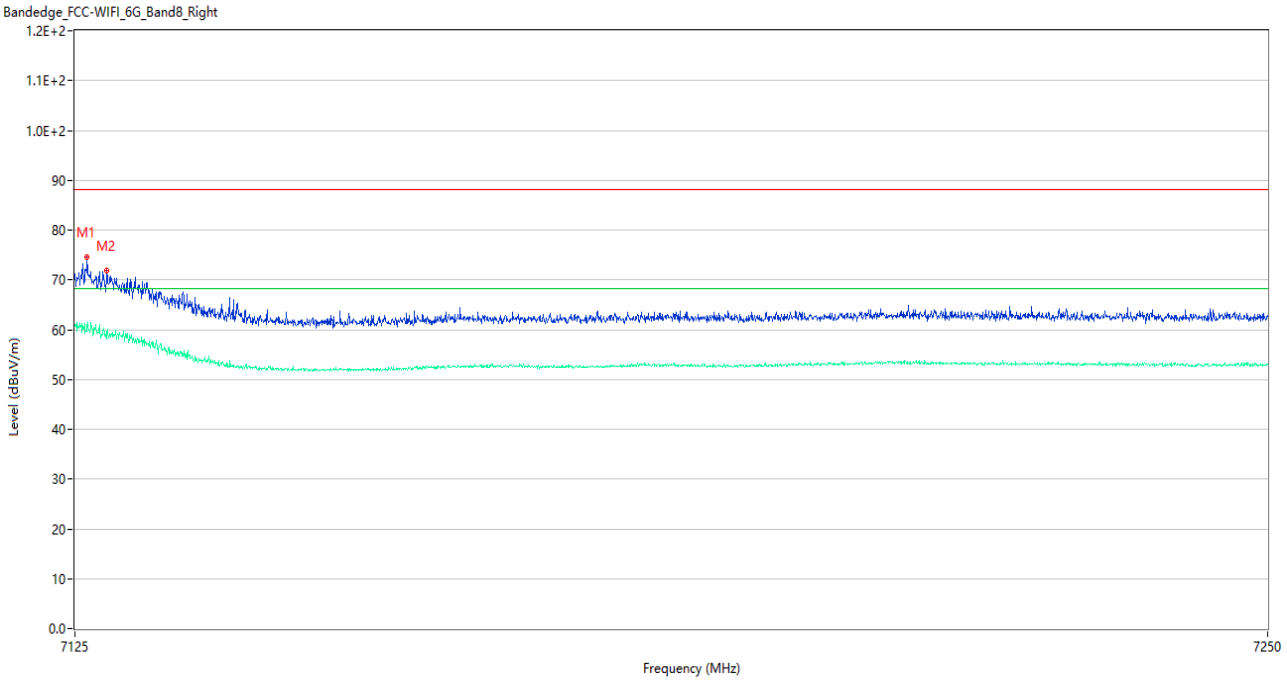
U-NII-8 11ax20(RU26) CH229

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7220.875	64.80	10.64	88.2	23.40	Peak	0.00	150	Vertical	Pass
1**	7220.875	53.20	10.64	68.2	15.00	AV	0.00	150	Vertical	Pass
2	7234.937	64.89	10.38	88.2	23.31	Peak	218.00	150	Vertical	Pass
2**	7234.937	52.94	10.38	68.2	15.26	AV	218.00	150	Vertical	Pass

U-NII-8 11ax20(RU26) CH233

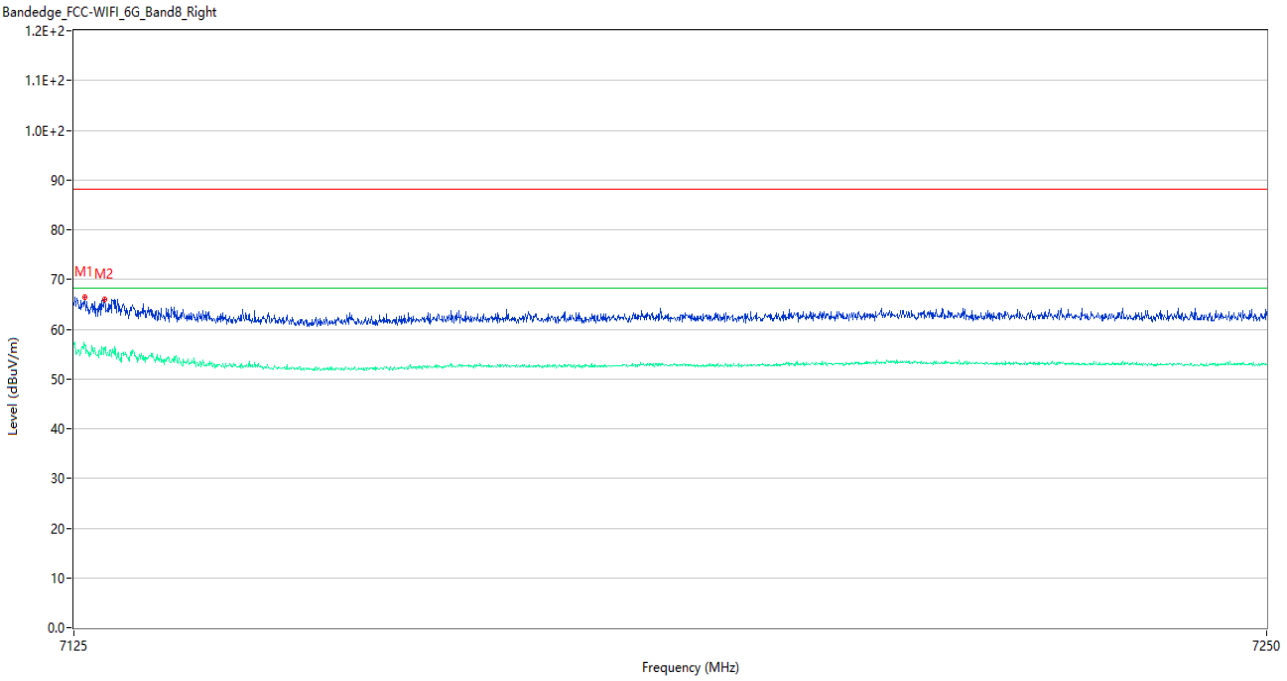
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7207.500	64.53	10.65	88.2	23.67	Peak	70.00	150	Vertical	Pass
1**	7207.500	53.31	10.65	68.2	14.89	AV	70.00	150	Vertical	Pass
2	7235.438	64.26	10.37	88.2	23.94	Peak	77.00	150	Vertical	Pass
2**	7235.438	53.14	10.37	68.2	15.06	AV	77.00	150	Vertical	Pass

U-NII-8 11ax40(RU484) CH227



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7126.250	74.49	9.37	88.2	13.71	Peak	127.00	150	Vertical	Pass
1**	7126.250	60.55	9.37	68.2	7.65	AV	127.00	150	Vertical	Pass
2	7128.312	71.90	9.39	88.2	16.30	Peak	127.00	150	Vertical	Pass
2**	7128.312	59.10	9.39	68.2	9.10	AV	127.00	150	Vertical	Pass

U-NII-8 11ax80(RU996) CH215



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7126.125	66.53	9.37	88.2	21.67	Peak	265.00	150	Vertical	Pass
1**	7126.125	56.75	9.37	68.2	11.45	AV	265.00	150	Vertical	Pass
2	7128.187	65.89	9.38	88.2	22.31	Peak	127.00	150	Vertical	Pass
2**	7128.187	56.35	9.38	68.2	11.85	AV	127.00	150	Vertical	Pass

U-NII-8 11ax160(RU996*2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7128.125	69.28	9.38	88.2	18.92	Peak	127.00	150	Vertical	Pass
1**	7128.125	54.79	9.38	68.2	13.41	AV	127.00	150	Vertical	Pass
2	7133.875	68.72	9.33	88.2	19.48	Peak	267.00	150	Vertical	Pass
2**	7133.875	52.97	9.33	68.2	15.23	AV	267.00	150	Vertical	Pass

A.6 Contention Based Protocol

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted ☐ Radiation	The Regulated Threshold Level = -62 dBm (assumes a 0 dBi receive antenna) and minimum antenna gain is 0.96 dBi. The Regulated Threshold Level = -62 dBm + G (0.96 dBi) = -61.04 dBm

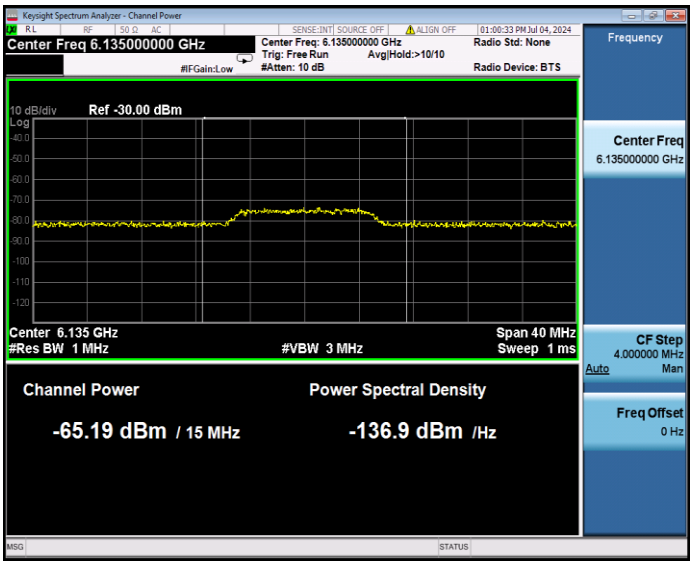
Test Data

U-NII-5 (5925 MHz to 6425 MHz)								
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Measured Detection Level (dBm)	Detection Rate	Regulated Threshold Level (dBm)	Margin (dB)	Verdict
802.11ax (HE20)	37	6135	6135	-72.13	90%	-61.04	11.09	Pass
802.11ax (HE160)	47	6185	6110	-70.26	100%	-61.04	9.22	Pass
			6185	-65.72	90%	-61.04	4.68	Pass
			6260	-69.84	100%	-61.04	8.80	Pass

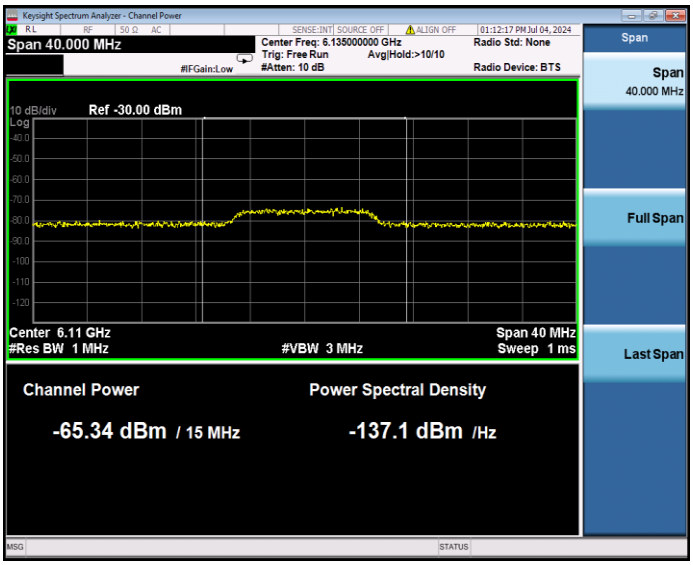
Test Plots

Plots of Incumbent signal(AWGN) Level

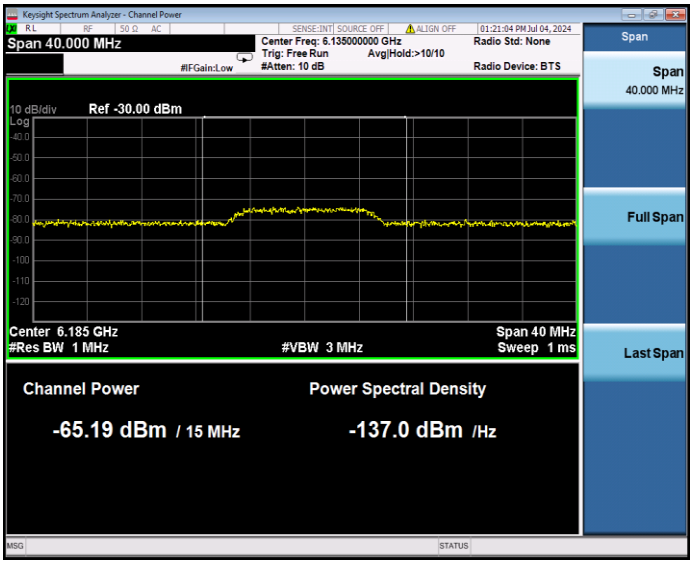
802.11ax (HE20)-Channel 53



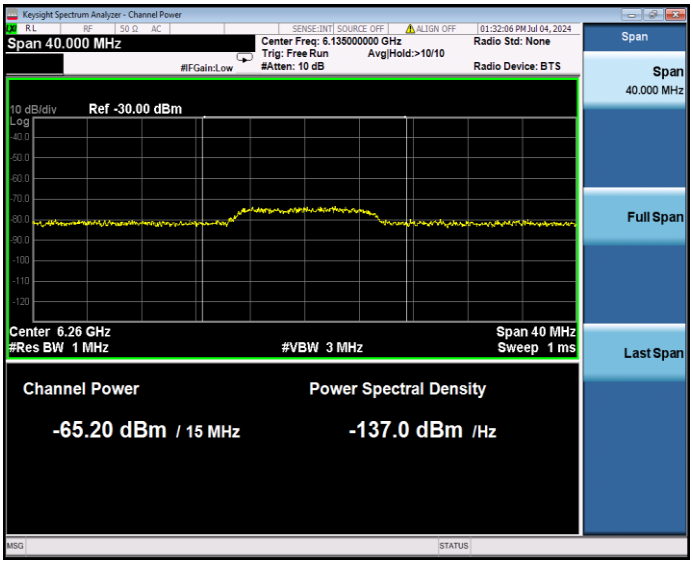
802.11ax (HE160)-Channel 47 (Low Edge)



802.11ax (HE160)-Channel 47 (Middle Edge)

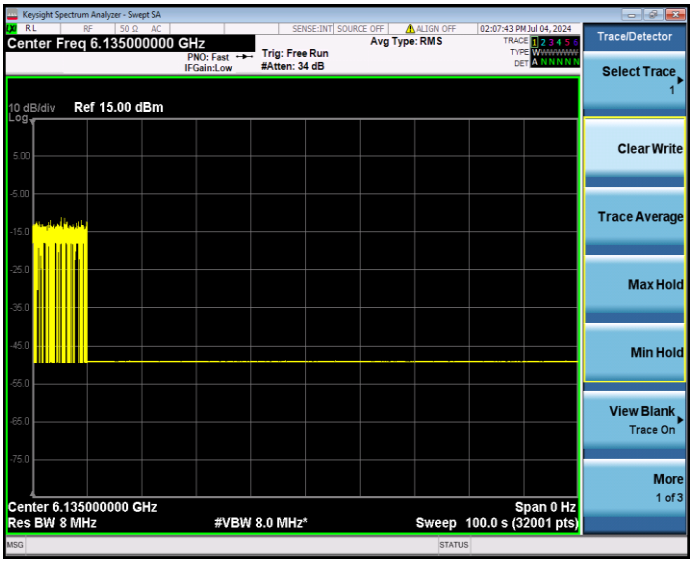


802.11ax (HE160)-Channel 47 (High Edge)

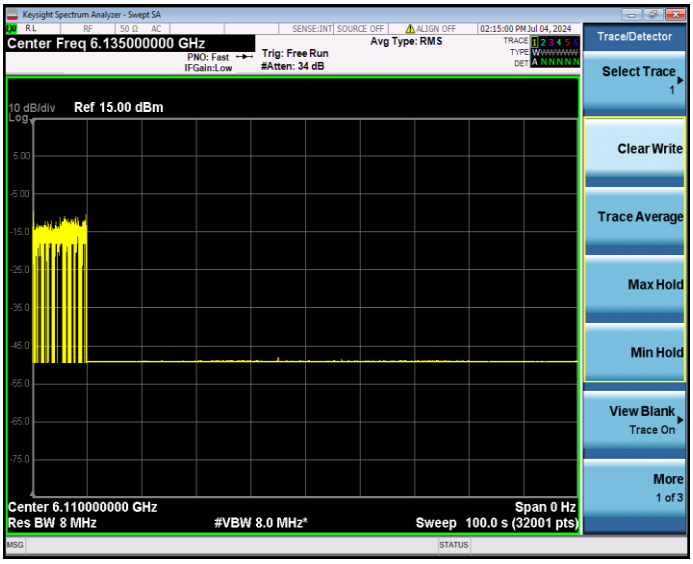


Plots of EUT Tx waveform

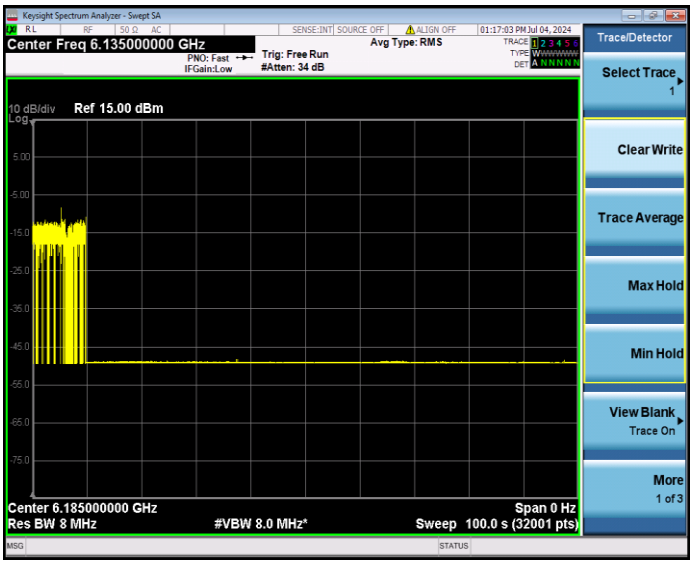
802.11ax (HE20)-Channel 53



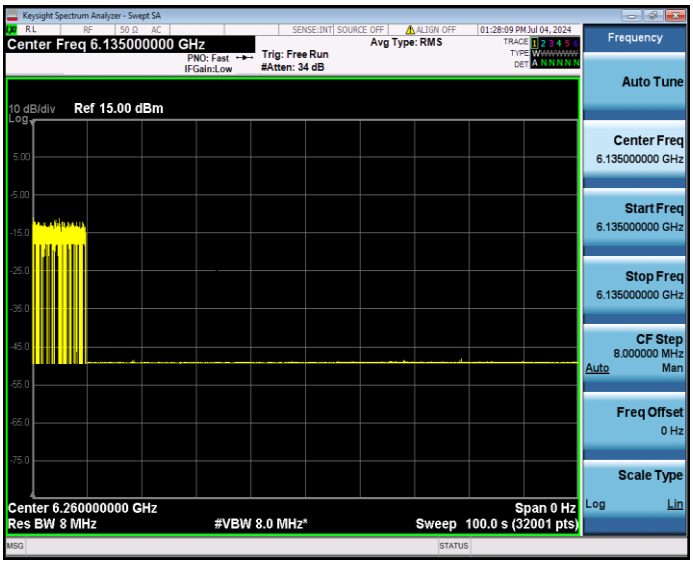
802.11ax (HE160)-Channel 47 (Low Edge)



802.11ax (HE160)-Channel 47 (Middle Edge)



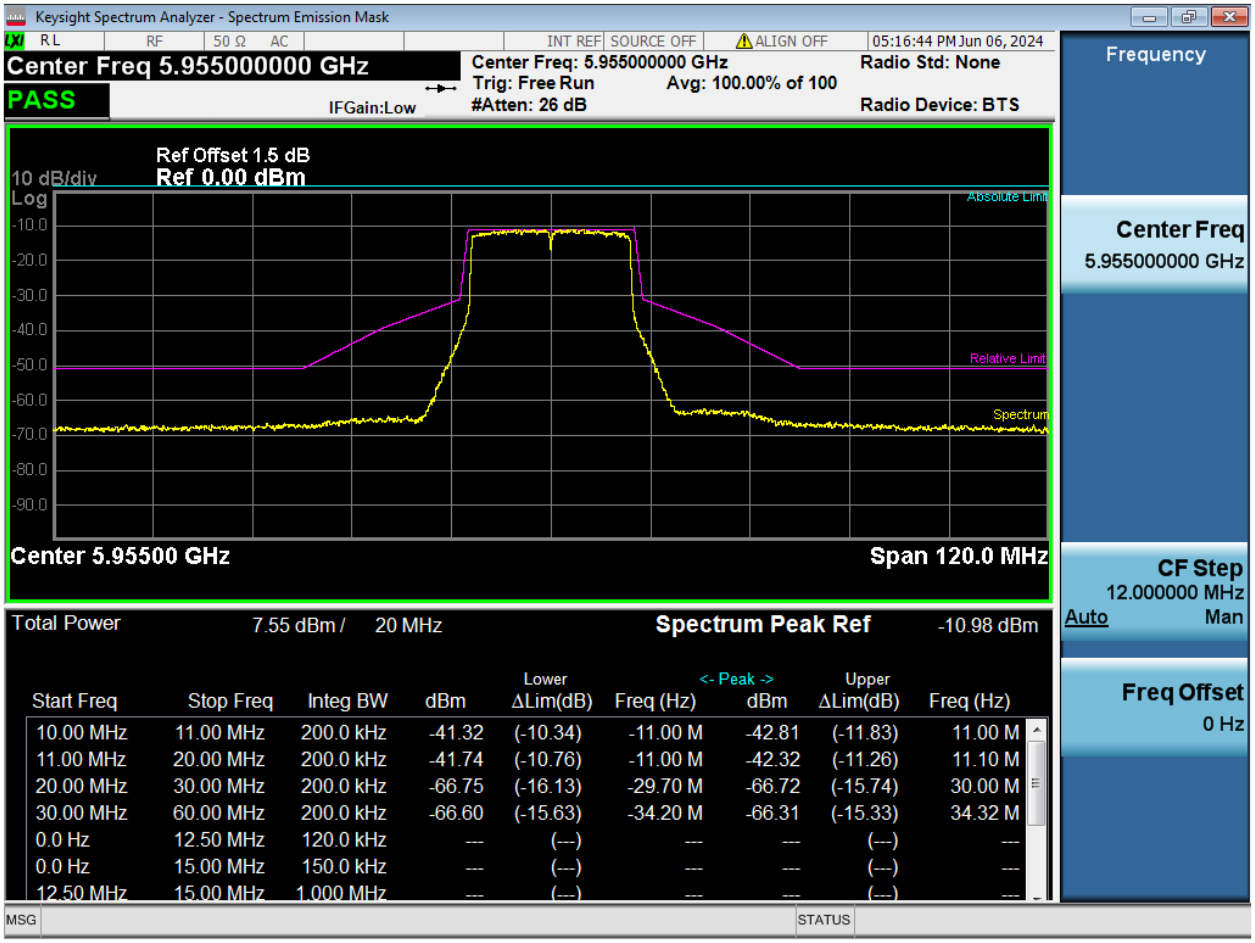
802.11ax (HE160)-Channel 47 (High Edge)



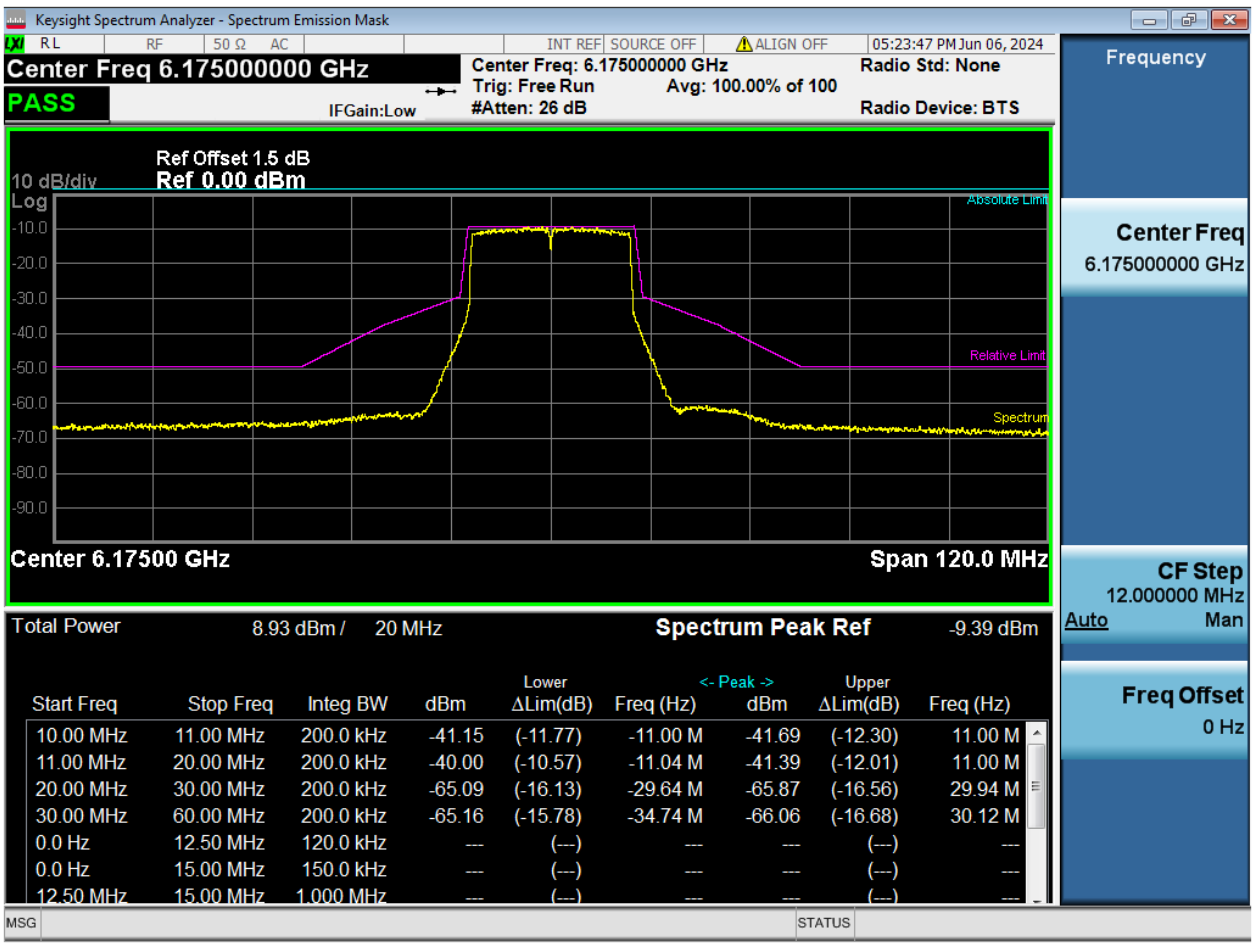
A.7 In-Band Emissions

Main Antenna

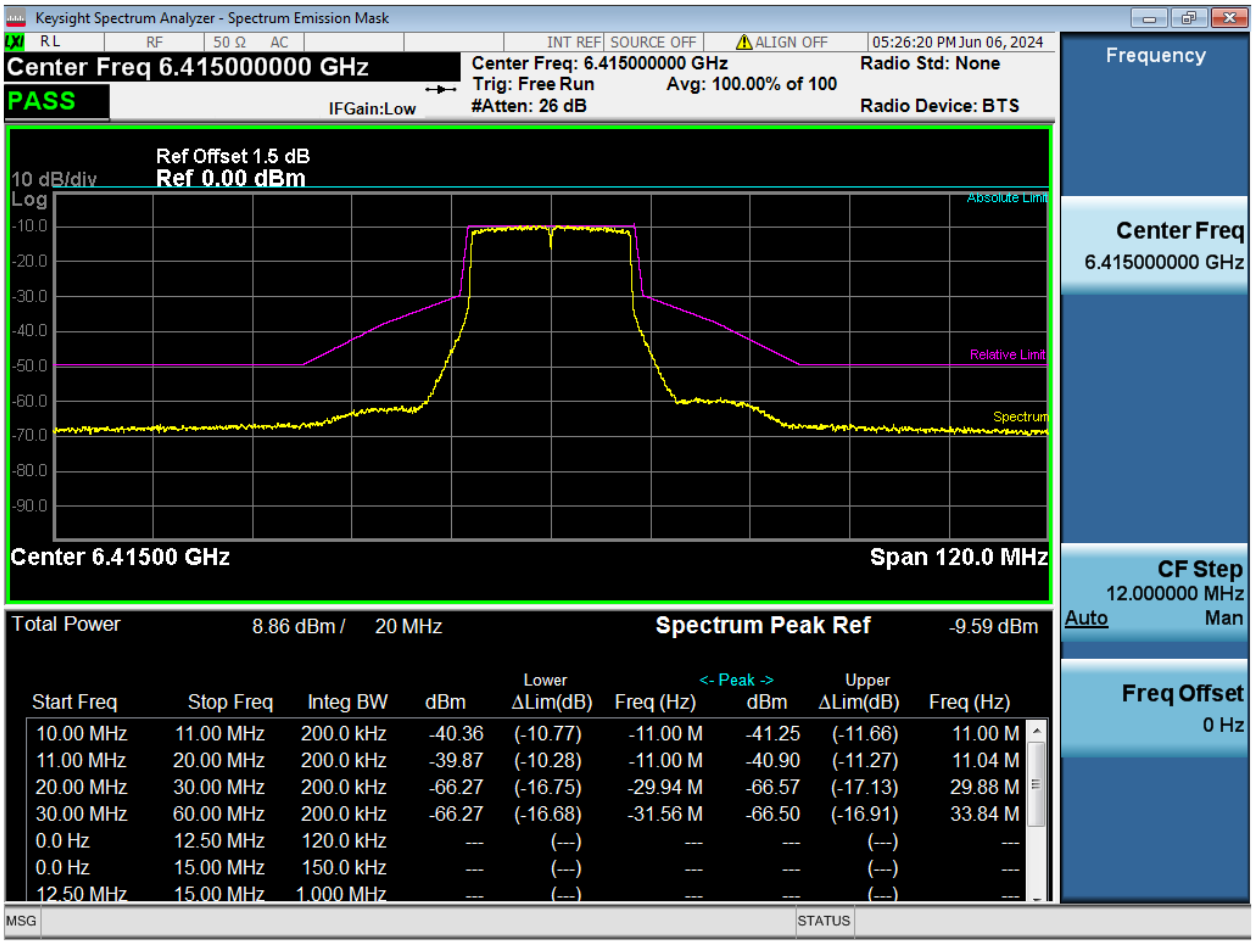
11ax20(SU), U-NII-5, Low Channel



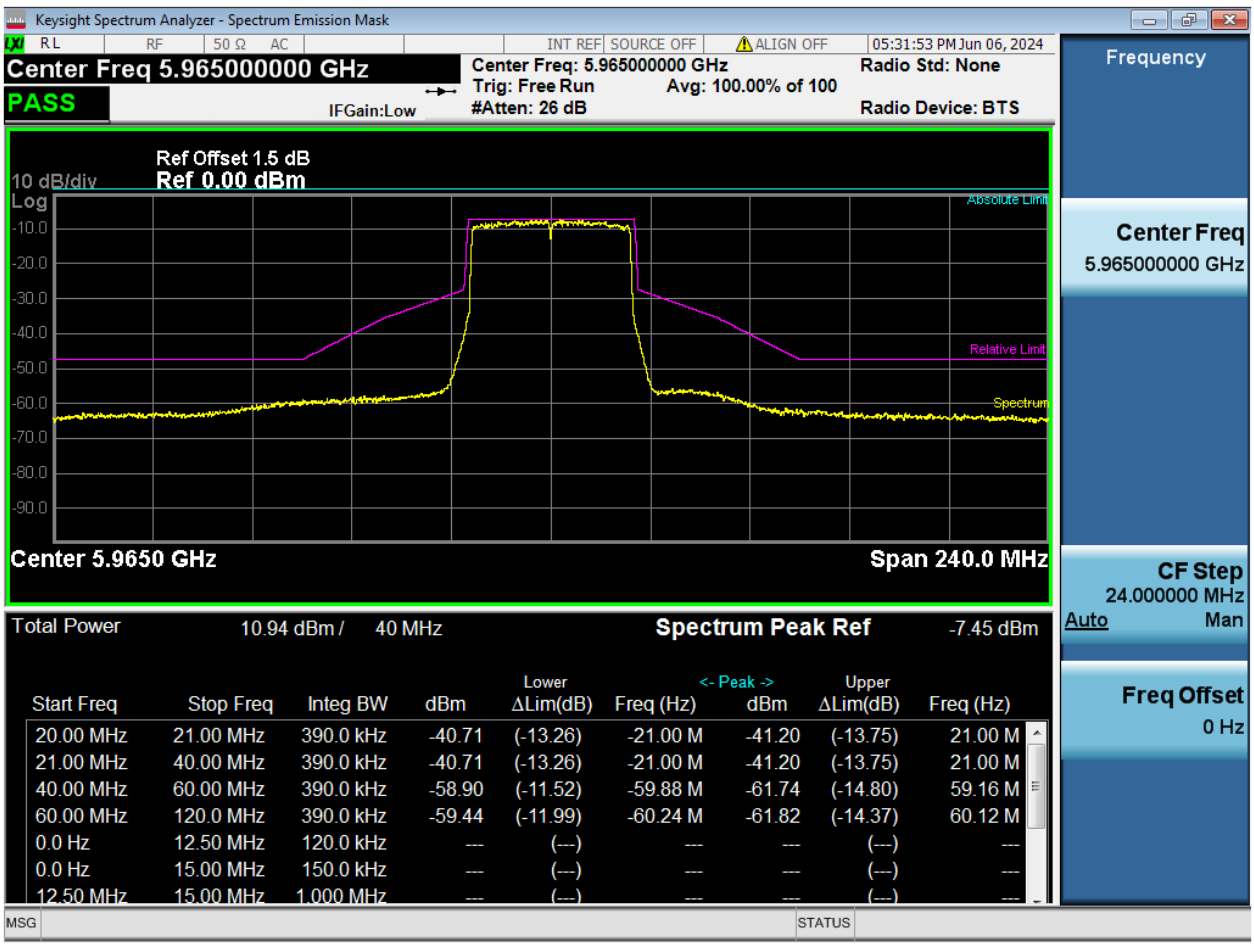
11ax20(SU), U-NII-5, Middle Channel



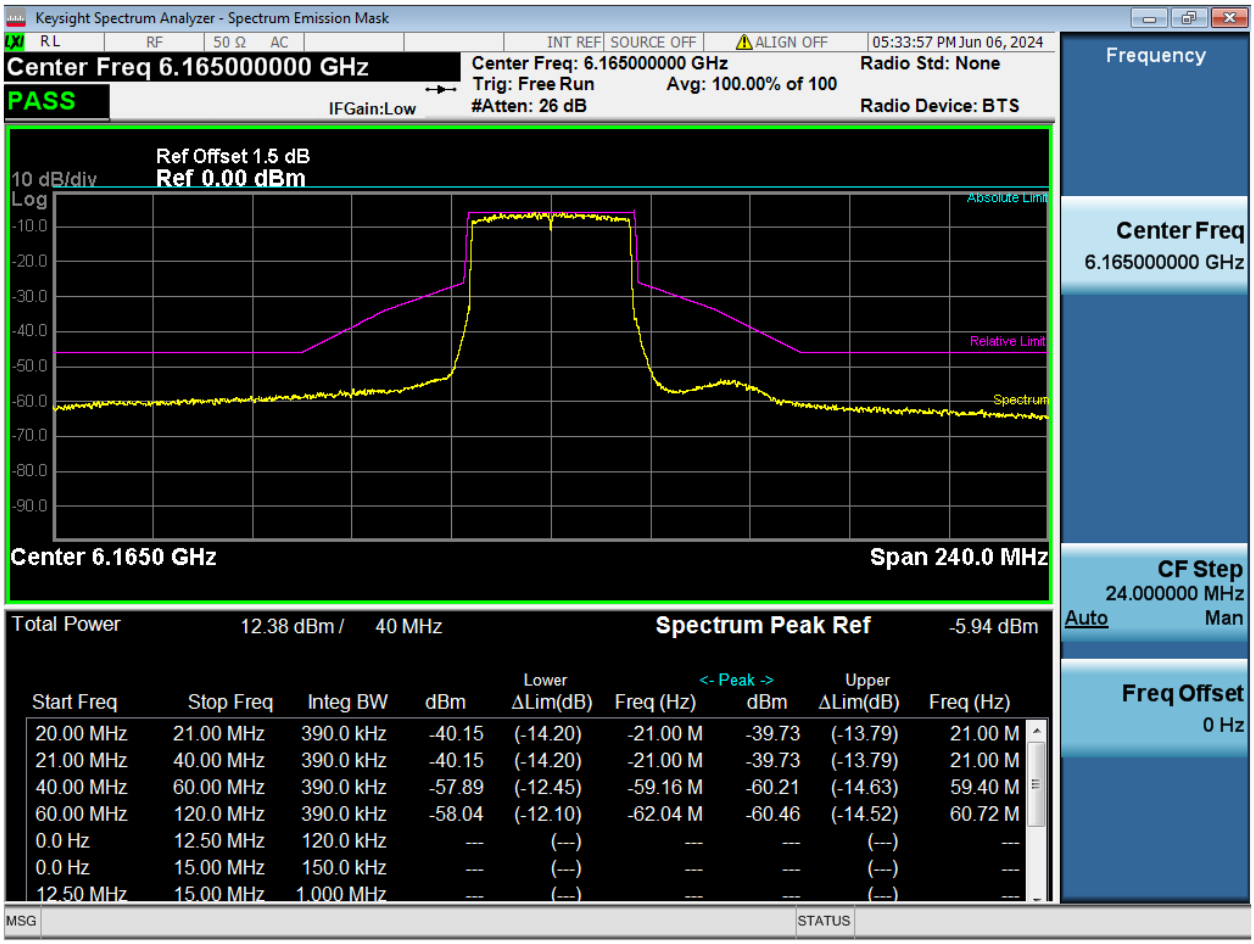
11ax20(SU), U-NII-5, High Channel



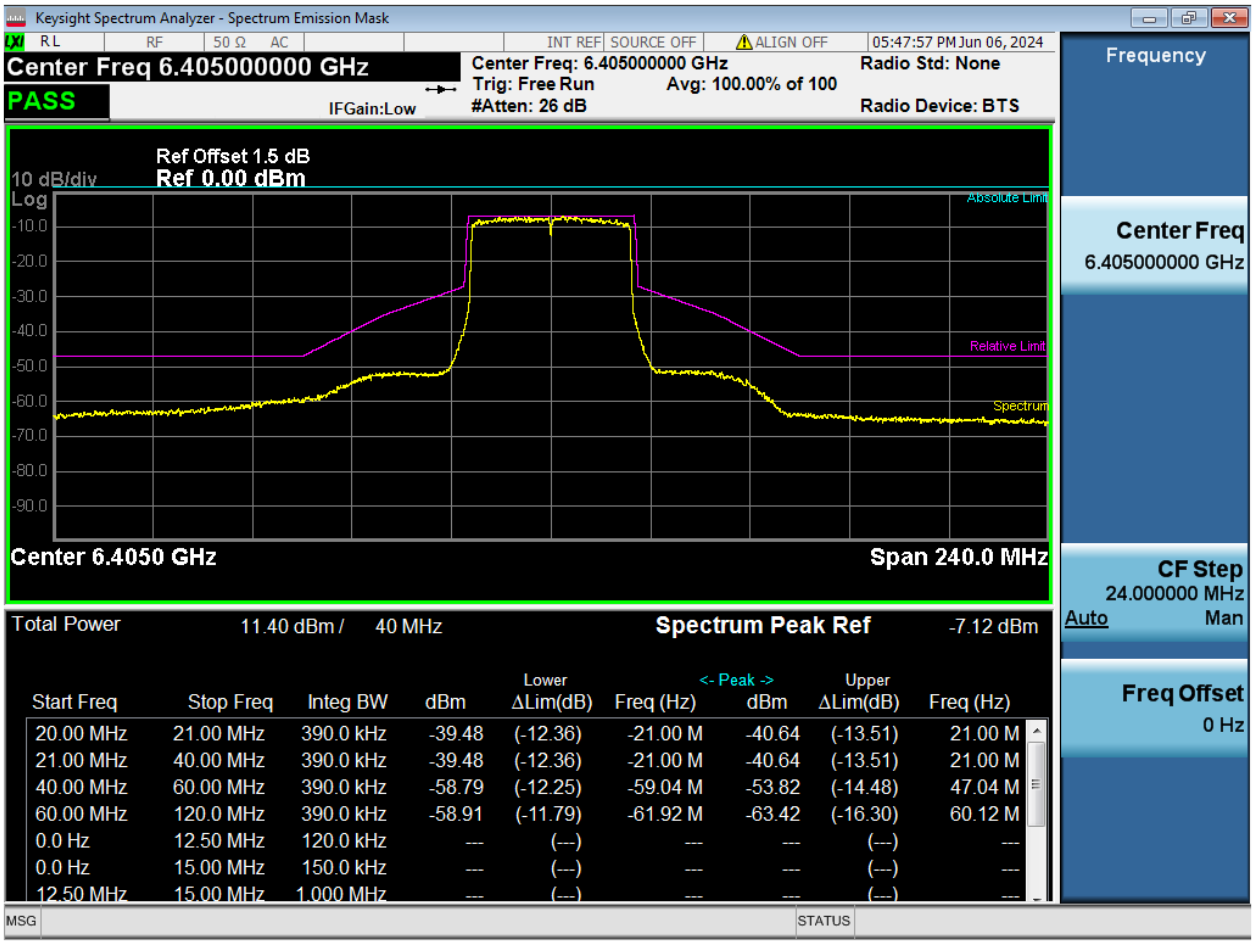
11ax40(SU), U-NII-5, Low Channel



11ax40(SU), U-NII-5, Middle Channel



11ax40(SU), U-NII-5, High Channel



11ax80(SU), U-NII-5, Low Channel