TEST REPORT

Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Equipment Type:	Mobile Phone
Model Name:	24115RA8EG
Brand Name:	Redmi
FCC ID:	2AFZZRA8E
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Aug. 09, 2024
Test Date:	Aug. 16, 2024 - Sep. 06, 2024
Date of Issue:	Oct. 08, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan **Checked by:** Ye Hongji **Approved by:** Sunny Zou

(Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Sep. 26, 2024	Initial Issue
Rev. 02	Oct. 08, 2024	1.Updated section 2.4 Technical Information. 2.Updated A.1, A.3 and A.6 Test data.

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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.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	24115RA8EG
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S17, S23
IMEI Number	S17: IMEI 1:863541070054480 IMEI 2:863541070054498
	S23: IMEI 1:863541070065403 IMEI 2:863541070065411

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/17/20/26/28/32/66 TDD LTE Band 38/40/41/42/48 LTE CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_1A-3A, CA_1A-7A, CA_1A-8A, CA_1A-20A, CA_3A-7A, CA_3A-20A, CA_7A-20A, CA_7A-28A, CA_2A-4A, CA_4A-5A, CA_4A-7A LTE CA Downlink (DL): CA_20A-32A 5G Network SA: NR n1/n2/n3/n5/n7/n8/n12/n20/n26/n28/n38/n40/n41/n48/n66/n77/n78 NSA(EN-DC): DC_20A_n1A, DC_28A_n1A, DC_3A_n1A, DC_7A_n1A, DC_8A_n1A, DC_40A_n1A, DC_5A_n1A, DC_42A_n1A, DC_1A_n3A, DC_20A_n3A, DC_7A_n3A, DC_8A_n3A, DC_5A_n3A, DC_28A_n3A, DC_1A_n7A, DC_3A_n7A, DC_5A_n7A, DC_20A_n7A, DC_28A_n7A, DC_1A_n8A, DC_7A_n8A, DC_1A_n20A, DC_3A_n20A, DC_7A_n20A, DC_1A_n28A, DC_3A_n28A, DC_7A_n28A, DC_20A_n28A, DC_41A_n28A, DC_1A_n38A, DC_3A_n38A, DC_8A_n38A, DC_20A_n38A, DC_28A_n38A, DC_1A_n40A, DC_3A_n40A, DC_5A_n40A, DC_8A_n40A, DC_28A_n40A, DC_1A_n41A, DC_3A_n41A, DC_8A_n41A, DC_20A_n41A, DC_28A_n41A, DC_1A_n77A, DC_3A_n77A, DC_8A_n77A, DC_28A_n77A, DC_40A_n77A, DC_1A_n78A, DC_3A_n78A, DC_5A_n78A, DC_7A_n78A, DC_8A_n78A, DC_20A_n78A, DC_28A_n78A, DC_38A_n78A, DC_40A_n78A, DC_41A_n78A, DC_26A_n78A, DC_2A_n78A, DC_4A_n78A, DC_66A_n78A, DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_7A_n5A, DC_2A_n77A, DC_4A_n41A, DC_66A_n41, DC_66A_n38A, DC_4A_n38A, DC_4A_n7A, DC_66A_n7A Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80/160) and 802.11ax(HE20/40/80/160) GPS, GLONASS, Galileo, BDS, QZSS, NFC

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
Equipment Classes	6XD

Modulation technology		OFDMA
Modulation Type		1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)		802.11ax up to 1201 Mbps
Channel Bandwidth		802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz
Maximum Output Power		U-NII-5: 17.80 dBm / 60.23 mW U-NII-6: 15.24 dBm / 33.44 mW U-NII-7: 17.10 dBm / 51.30 mW U-NII-8: 16.45 dBm / 44.11 mW
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD) for 802.11ax Beamforming for 802.11ax Multi Input Multi Output (MIMO) for 802. 11ax
Categorization as Correlated or Completely Uncorrelated		Categorization as Uncorrelated for 802.11ax
Antenna Type	Main Antenna	PIFA Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-5: 5925 MHz to 6425 MHz: 0.13 dBi U-NII-6: 6425 MHz to 6525 MHz: -2.20 dBi U-NII-7: 6525 MHz to 6875 MHz: -1.10 dBi U-NII-8: 6875 MHz to 7125 MHz: -2.30 dBi
	Aux. Antenna	U-NII-5: 5925 MHz to 6425 MHz: -1.90 dBi U-NII-6: 6425 MHz to 6525 MHz: -3.50 dBi U-NII-7: 6525 MHz to 6875 MHz: -1.20 dBi U-NII-8: 6875 MHz to 7125 MHz: -1.90 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 2.18 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.18 dBi U-NII-7: 6525 MHz to 6875 MHz: 1.86 dBi U-NII-8: 6875 MHz to 7125 MHz: 0.91 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: -0.77 dBi U-NII-6: 6425 MHz to 6525 MHz: -2.80 dBi U-NII-7: 6525 MHz to 6875 MHz: -1.15 dBi U-NII-8: 6875 MHz to 7125 MHz: -2.10 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})$/NANT] dBi
	For power measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 2.18 dBi U-NII-6: 6425 MHz to 6525 MHz: 0.18 dBi

		U-NII-7: 6525 MHz to 6875 MHz: 1.86 dBi U-NII-8: 6875 MHz to 7125 MHz: 0.91 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: -0.77 dBi U-NII-6: 6425 MHz to 6525 MHz: -2.80 dBi U-NII-7: 6525 MHz to 6875 MHz: -1.15 dBi U-NII-8: 6875 MHz to 7125 MHz: -2.10 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})$/NANT] dBi
About the Product		The equipment is Mobile Phone, intended for used with information technology equipment.

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

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	√	√	√	--	--	--
802.11ax40	√	√	√	√	√	--	--
802.11ax80	√	√	√	√	√	√	--
802.11ax160	√	√	√	√	√	√	√

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**						

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	High	7095

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	U-NII-6	U-NII-7	U-NII-8
				Channel	Channel	Channel	Channel
RF Output Power	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229
	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
	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
	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
	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
	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
	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
	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.4	Pass
5	Conducted Emission	15.207	ANNEX A.5	Pass
6	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass
7	Contention Based Protocol	15.407(d)	ANNEX A.7	Pass
8	In-Band Emissions	15.407(b)	ANNEX A.8	Pass

Note 1: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note 2: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	41% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.9℃ to +25.1℃
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
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	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA 1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	112	2022.02.19	2025.02.18

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

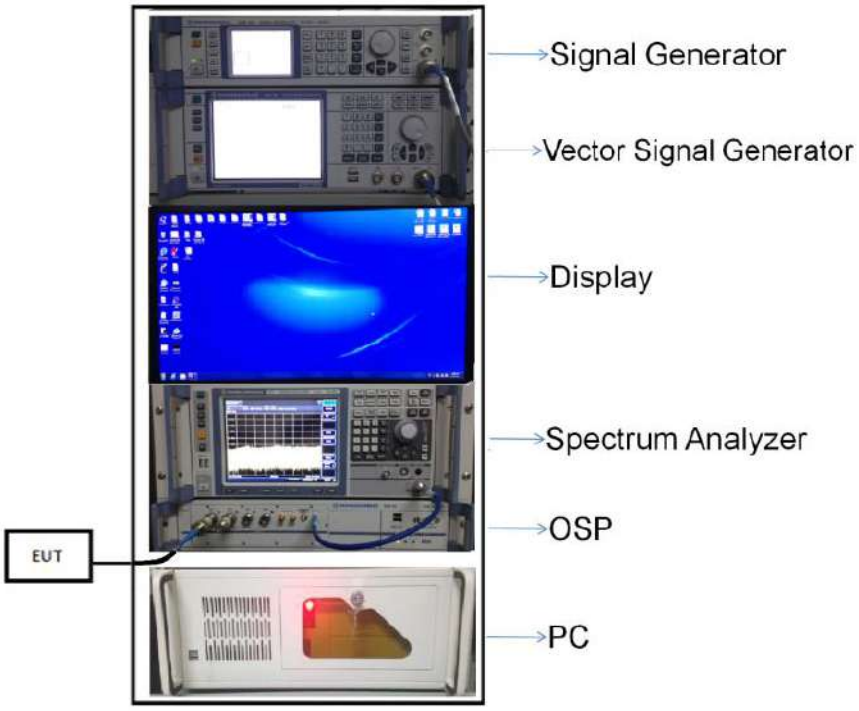
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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	0.8°C
Humidity	4%

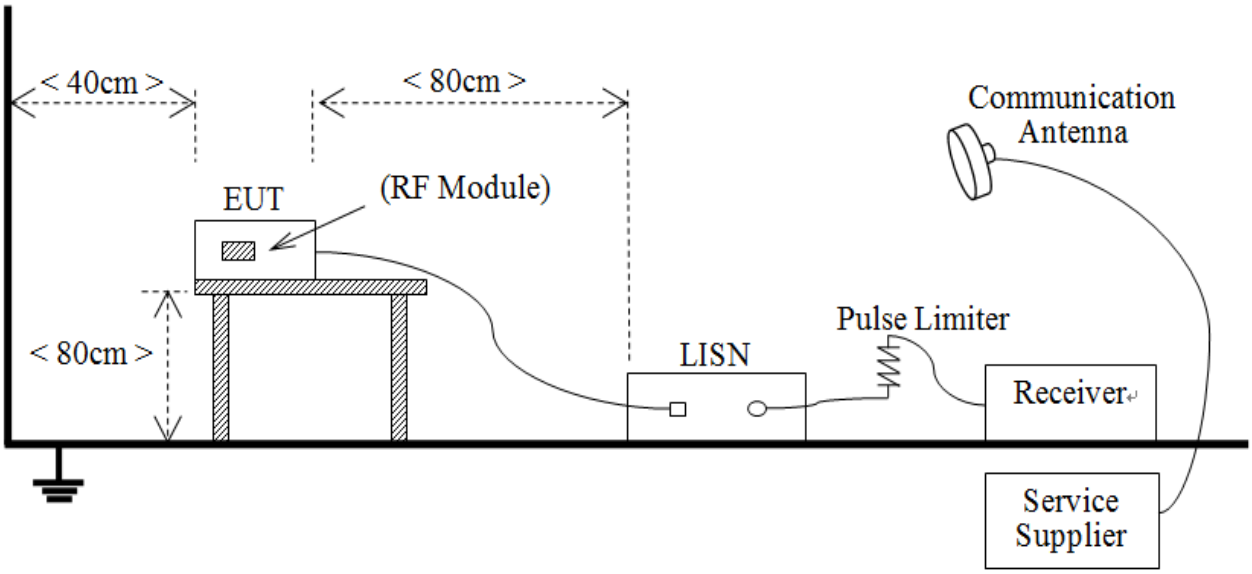
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



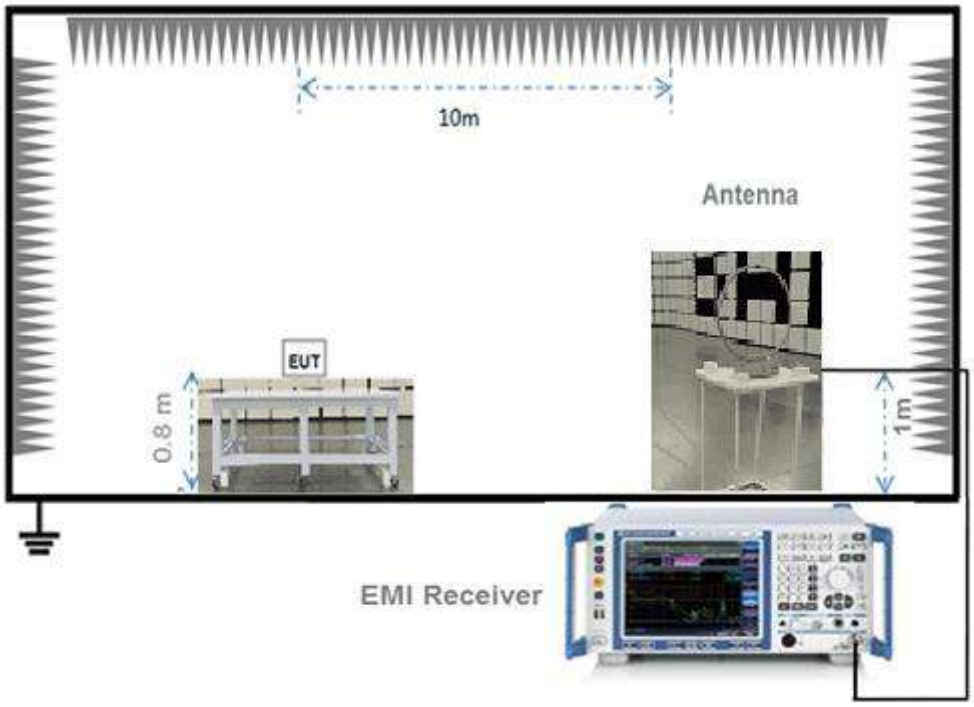
(Diagram 1)

4.5.2 For AC Power Supply Port Test



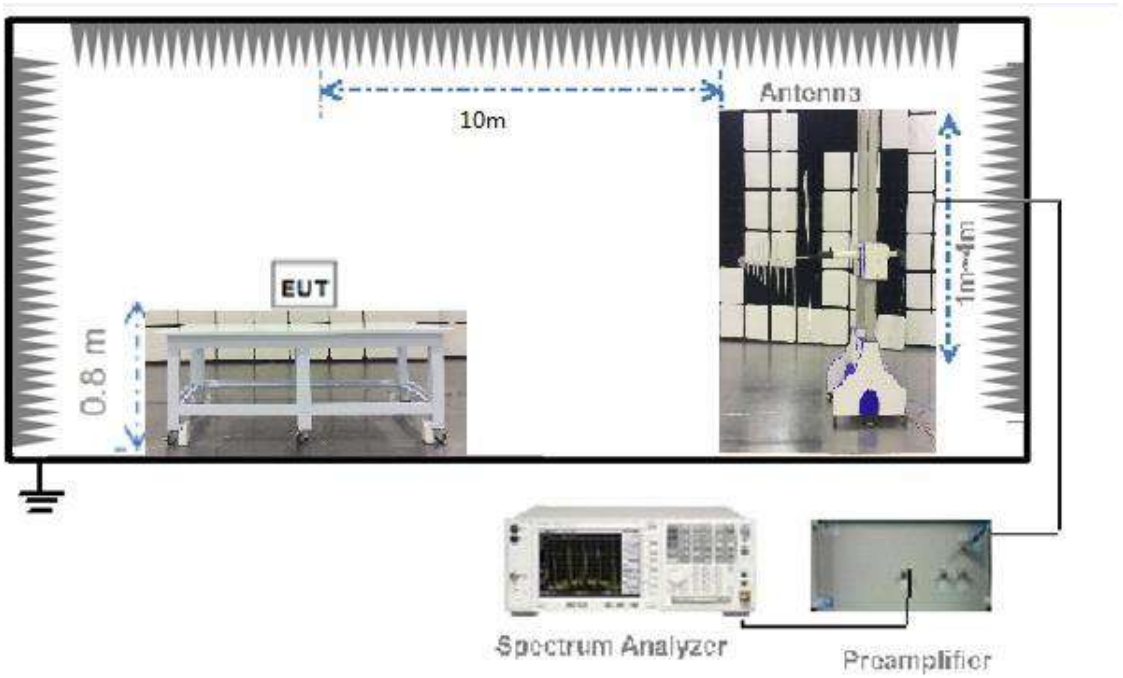
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



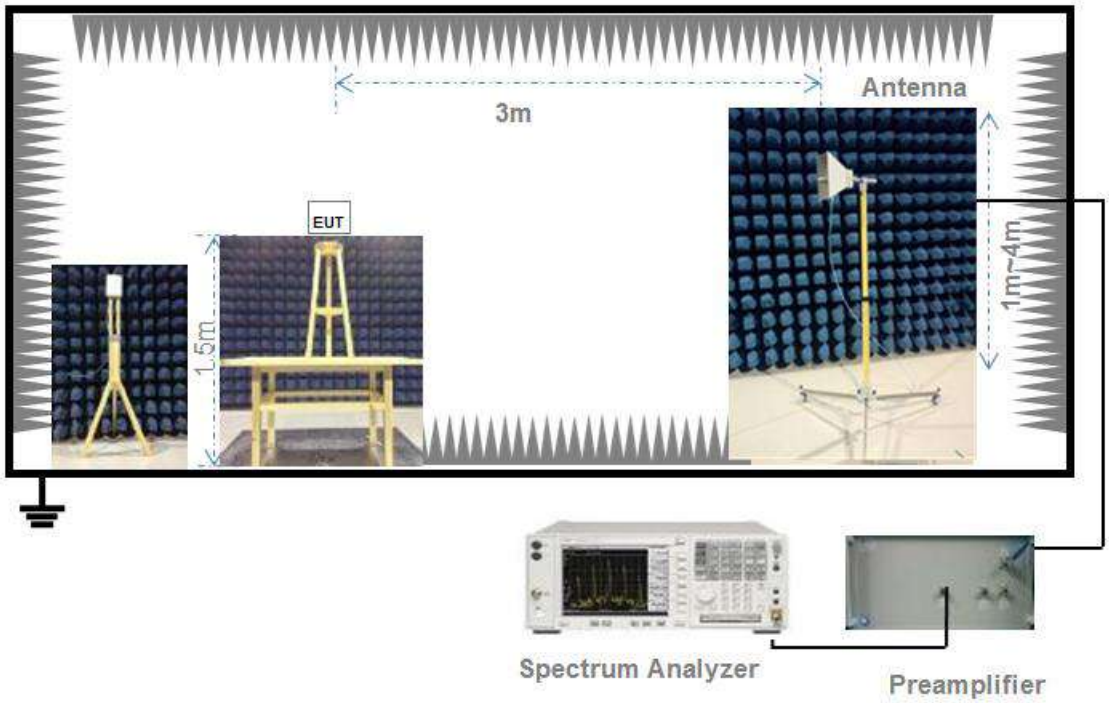
(Diagram 3)

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)

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

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

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW ≥ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

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

5.2.1 Limit

FCC §15.407(a)

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.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band.

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 = 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.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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.5.

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
5925 - 7125	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)

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 – 20log 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.6.

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 4.5.1 (Diagram 1) 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.7.

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 ≥ 3 X RBW
d) Number of points in sweep ≥ [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.8.

ANNEX A TEST RESULT

A.1 RF Output Power

Duty Cycle

U-NII-5/6/7/8

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11ax (HE20)	5.33	5.36	99.44%
11ax (HE40)	5.10	5.20	98.08%
11ax (HE80)	2.63	2.71	97.30%
11ax (HE160)	2.49	2.55	97.84%

Test Data

Main Antenna

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	8.50	7.08	24	Pass
11ax (HE20) (SU)	CH45	7.75	5.96	24	Pass
11ax (HE20) (SU)	CH93	8.97	7.89	24	Pass
11ax (HE40) (SU)	CH3	10.64	11.59	24	Pass
11ax (HE40) (SU)	CH43	9.51	8.93	24	Pass
11ax (HE40) (SU)	CH91	11.08	12.82	24	Pass
11ax (HE80) (SU)	CH7	14.53	28.38	24	Pass
11ax (HE80) (SU)	CH39	13.99	25.06	24	Pass
11ax (HE80) (SU)	CH87	14.28	26.79	24	Pass
11ax (HE160) (SU)	CH15	15.44	34.99	24	Pass
11ax (HE160) (SU)	CH47	14.22	26.42	24	Pass
11ax (HE160) (SU)	CH79	14.76	29.92	24	Pass

U-NII-5 (5925-6425MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	-1.60	0.69	24	Pass
		52	2.81	1.91	24	Pass
		106	5.68	3.70	24	Pass
	CH45	26	-3.49	0.45	24	Pass
		52	-0.35	0.92	24	Pass
		106	4.18	2.62	24	Pass
	CH93	26	-2.23	0.60	24	Pass
		52	-0.30	0.93	24	Pass
		106	2.61	1.82	24	Pass

11ax(HE40) (RU)	CH3	26	-0.89	0.81	24	Pass
		52	2.27	1.69	24	Pass
		106	5.06	3.21	24	Pass
		242	9.01	7.96	24	Pass
	CH43	26	-2.22	0.60	24	Pass
		52	-0.13	0.97	24	Pass
		106	2.97	1.98	24	Pass
		242	6.95	4.95	24	Pass
	CH91	26	-0.34	0.92	24	Pass
		52	0.76	1.19	24	Pass
		106	3.64	2.31	24	Pass
		242	8.23	6.65	24	Pass
11ax(HE80) (RU)	CH7	26	-1.03	0.79	24	Pass
		52	2.05	1.60	24	Pass
		106	4.92	3.10	24	Pass
		242	8.26	6.70	24	Pass
		484	11.42	13.87	24	Pass
	CH39	26	-1.89	0.65	24	Pass
		52	1.24	1.33	24	Pass
		106	3.15	2.07	24	Pass
		242	7.45	5.56	24	Pass
		484	9.49	8.89	24	Pass
	CH87	26	-1.22	0.76	24	Pass
		52	1.84	1.53	24	Pass
		106	5.23	3.33	24	Pass
		242	7.72	5.92	24	Pass
		484	11.85	15.31	24	Pass
11ax(HE160) (RU)	CH15	26	-0.25	0.94	24	Pass
		52	0.91	1.23	24	Pass
		106	4.21	2.64	24	Pass
		242	8.94	7.83	24	Pass
		484	11.85	15.31	24	Pass
		996	13.62	23.01	24	Pass
	CH47	26	-1.69	0.68	24	Pass
		52	1.19	1.32	24	Pass
		106	3.52	2.25	24	Pass
		242	7.25	5.31	24	Pass
		484	10.41	10.99	24	Pass
		996	12.91	19.54	24	Pass
	CH79	26	-1.41	0.72	24	Pass
		52	1.15	1.30	24	Pass
		106	4.41	2.76	24	Pass
		242	8.16	6.55	24	Pass

		484	11.08	12.82	24	Pass
		996	14.22	26.42	24	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	7.22	5.27	24	Pass
11ax (HE20) (SU)	CH105	7.31	5.38	24	Pass
11ax (HE20) (SU)	CH113	7.47	5.58	24	Pass
11ax (HE40) (SU)	CH99	9.56	9.04	24	Pass
11ax (HE40) (SU)	CH107	9.78	9.51	24	Pass
11ax (HE80) (SU)	CH103	13.33	21.53	24	Pass
11ax (HE80) (SU)	CH119	12.90	19.50	24	Pass
11ax (HE160) (SU)	CH111	12.93	19.63	24	Pass

U-NII-6 (6425-6525MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	-3.40	0.46	24	Pass
		52	-0.42	0.91	24	Pass
		106	2.14	1.64	24	Pass
	CH105	26	-3.99	0.40	24	Pass
		52	-0.85	0.82	24	Pass
		106	2.49	1.77	24	Pass
	CH113	26	-3.88	0.41	24	Pass
		52	-0.86	0.82	24	Pass
		106	2.58	1.81	24	Pass
11ax(HE40) (RU)	CH99	26	-2.98	0.50	24	Pass
		52	-0.35	0.92	24	Pass
		106	2.51	1.78	24	Pass
		242	6.05	4.03	24	Pass
	CH107	26	-2.83	0.52	24	Pass
		52	-0.03	0.99	24	Pass
		106	2.42	1.75	24	Pass
		242	5.82	3.82	24	Pass
11ax(HE80) (RU)	CH103	26	-2.96	0.51	24	Pass
		52	-0.56	0.88	24	Pass
		106	2.39	1.73	24	Pass
		242	5.85	3.85	24	Pass
		484	9.00	7.94	24	Pass
	CH119	26	-3.54	0.44	24	Pass
		52	-0.56	0.88	24	Pass
		106	2.29	1.69	24	Pass
		242	5.94	3.93	24	Pass
		484	9.04	8.02	24	Pass

11ax(HE160)(RU)	CH111	26	-2.83	0.52	24	Pass
		52	-1.34	0.73	24	Pass
		106	2.37	1.73	24	Pass
		242	5.71	3.72	24	Pass
		484	8.93	7.82	24	Pass
		996	11.87	15.38	24	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	8.73	7.46	24	Pass
11ax (HE20) (SU)	CH153	8.45	7.00	24	Pass
11ax (HE20) (SU)	CH181	7.91	6.18	24	Pass
11ax (HE40) (SU)	CH123	11.00	12.59	24	Pass
11ax (HE40) (SU)	CH147	11.03	12.68	24	Pass
11ax (HE40) (SU)	CH179	11.14	13.00	24	Pass
11ax (HE80) (SU)	CH135	14.96	31.33	24	Pass
11ax (HE80) (SU)	CH151	14.29	26.85	24	Pass
11ax (HE80) (SU)	CH167	13.56	22.70	24	Pass
11ax (HE160) (SU)	CH143	14.91	30.97	24	Pass

U-NII-7 (6425-6875MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	-1.73	0.67	24	Pass
		52	1.17	1.31	24	Pass
		106	3.90	2.45	24	Pass
	CH149	26	-1.81	0.66	24	Pass
		52	0.09	1.02	24	Pass
		106	4.90	3.09	24	Pass
	CH181	26	-2.51	0.56	24	Pass
		52	0.58	1.14	24	Pass
		106	3.84	2.42	24	Pass
11ax(HE40) (RU)	CH123	26	-1.85	0.65	24	Pass
		52	1.40	1.38	24	Pass
		106	3.91	2.46	24	Pass
		242	6.93	4.93	24	Pass
	CH147	26	-2.39	0.58	24	Pass
		52	0.77	1.19	24	Pass
		106	3.37	2.17	24	Pass
		242	6.49	4.46	24	Pass
	CH179	26	-2.52	0.56	24	Pass
		52	0.35	1.08	24	Pass
		106	3.68	2.33	24	Pass
		242	7.25	5.31	24	Pass
11ax(HE80) (RU)	CH135	26	-2.22	0.60	24	Pass
		52	0.85	1.22	24	Pass
		106	4.31	2.70	24	Pass
		242	7.10	5.13	24	Pass

		484	10.67	11.67	24	Pass
	CH151	26	-1.57	0.70	24	Pass
		52	1.23	1.33	24	Pass
		106	3.69	2.34	24	Pass
		242	7.77	5.98	24	Pass
		484	10.71	11.78	24	Pass
	CH167	26	-2.64	0.54	24	Pass
		52	0.99	1.26	24	Pass
		106	4.14	2.59	24	Pass
		242	6.86	4.85	24	Pass
		484	10.14	10.33	24	Pass
11ax(HE160) (RU)	CH143	26	-0.25	0.94	24	Pass
		52	2.13	1.63	24	Pass
		106	4.93	3.11	24	Pass
		242	8.48	7.05	24	Pass
		484	11.30	13.49	24	Pass
		996	13.91	24.60	24	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	7.05	5.07	24	Pass
11ax (HE20) (SU)	CH209	7.22	5.27	24	Pass
11ax (HE20) (SU)	CH229	6.96	4.97	24	Pass
11ax (HE40) (SU)	CH187	9.32	8.55	24	Pass
11ax (HE40) (SU)	CH211	9.56	9.04	24	Pass
11ax (HE40) (SU)	CH227	9.31	8.53	24	Pass
11ax (HE80) (SU)	CH183	12.11	16.26	24	Pass
11ax (HE80) (SU)	CH199	12.32	17.06	24	Pass
11ax (HE80) (SU)	CH215	12.85	19.28	24	Pass
11ax (HE160) (SU)	CH175	12.09	16.18	24	Pass
11ax (HE160) (SU)	CH207	12.06	16.07	24	Pass

U-NII-8 (6875-7125MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	-3.90	0.41	24	Pass
		52	-1.04	0.79	24	Pass
		106	2.06	1.61	24	Pass
	CH209	26	-4.36	0.37	24	Pass
		52	-0.63	0.86	24	Pass
		106	2.53	1.79	24	Pass
	CH229	26	-5.06	0.31	24	Pass
		52	-1.88	0.65	24	Pass
		106	2.27	1.69	24	Pass
11ax(HE40) (RU)	CH187	26	-4.47	0.36	24	Pass
		52	-1.11	0.77	24	Pass
		106	2.32	1.71	24	Pass
		242	4.91	3.10	24	Pass
	CH211	26	-3.52	0.44	24	Pass
		52	-1.15	0.77	24	Pass
		106	1.71	1.48	24	Pass
		242	4.91	3.10	24	Pass
	CH227	26	-4.24	0.38	24	Pass
		52	-1.23	0.75	24	Pass
		106	1.80	1.51	24	Pass
		242	5.60	3.63	24	Pass
11ax(HE80) (RU)	CH183	26	-3.17	0.48	24	Pass
		52	0.01	1.00	24	Pass
		106	2.75	1.88	24	Pass

		242	6.44	4.41	24	Pass
		484	9.22	8.36	24	Pass
	CH199	26	-3.04	0.50	24	Pass
		52	-0.69	0.85	24	Pass
		106	2.32	1.71	24	Pass
		242	6.34	4.31	24	Pass
		484	9.24	8.39	24	Pass
	CH215	26	-4.37	0.37	24	Pass
		52	-0.83	0.83	24	Pass
		106	2.25	1.68	24	Pass
		242	5.95	3.94	24	Pass
		484	9.05	8.04	24	Pass
11ax(HE160)(RU)	CH175	26	-2.10	0.62	24	Pass
		52	-0.17	0.96	24	Pass
		106	3.45	2.21	24	Pass
		242	6.21	4.18	24	Pass
		484	9.48	8.87	24	Pass
		996	11.83	15.24	24	Pass
	CH207	26	-4.04	0.39	24	Pass
		52	-0.38	0.92	24	Pass
		106	2.56	1.80	24	Pass
		242	6.19	4.16	24	Pass
		484	9.10	8.13	24	Pass
		996	11.61	14.49	24	Pass

Aux. Antenna

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	6.32	4.29	24	Pass
11ax (HE20) (SU)	CH45	8.08	6.43	24	Pass
11ax (HE20) (SU)	CH93	5.37	3.44	24	Pass
11ax (HE40) (SU)	CH3	8.61	7.26	24	Pass
11ax (HE40) (SU)	CH43	8.26	6.70	24	Pass
11ax (HE40) (SU)	CH91	8.05	6.38	24	Pass
11ax (HE80) (SU)	CH7	12.30	16.98	24	Pass
11ax (HE80) (SU)	CH39	12.22	16.67	24	Pass
11ax (HE80) (SU)	CH87	11.31	13.52	24	Pass
11ax (HE160) (SU)	CH15	14.02	25.23	24	Pass
11ax (HE160) (SU)	CH47	13.40	21.88	24	Pass
11ax (HE160) (SU)	CH79	12.48	17.70	24	Pass

U-NII-5 (5925-6425MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	-5.63	0.27	24	Pass
		52	-2.66	0.54	24	Pass
		106	1.71	1.48	24	Pass
	CH45	26	-3.14	0.49	24	Pass
		52	-0.07	0.98	24	Pass
		106	2.94	1.97	24	Pass
	CH93	26	-6.31	0.23	24	Pass
		52	-4.33	0.37	24	Pass
		106	-1.27	0.75	24	Pass
11ax(HE40) (RU)	CH3	26	-5.59	0.28	24	Pass
		52	-2.48	0.56	24	Pass
		106	0.64	1.16	24	Pass
		242	4.63	2.90	24	Pass
	CH43	26	-4.35	0.37	24	Pass
		52	-2.06	0.62	24	Pass
		106	0.93	1.24	24	Pass
		242	6.36	4.33	24	Pass
	CH91	26	-4.37	0.37	24	Pass
		52	-3.25	0.47	24	Pass
		106	0.35	1.08	24	Pass
		242	5.74	3.75	24	Pass
11ax(HE80) (RU)	CH7	26	-5.54	0.28	24	Pass
		52	-2.57	0.55	24	Pass

		106	0.34	1.08	24	Pass
		242	3.99	2.51	24	Pass
		484	7.13	5.16	24	Pass
	CH39	26	-5.24	0.30	24	Pass
		52	-1.94	0.64	24	Pass
		106	0.00	1.00	24	Pass
		242	6.01	3.99	24	Pass
		484	7.58	5.73	24	Pass
	CH87	26	-3.38	0.46	24	Pass
		52	-0.45	0.90	24	Pass
		106	2.34	1.71	24	Pass
		242	5.52	3.56	24	Pass
		484	9.33	8.57	24	Pass
11ax(HE160) (RU)	CH15	26	-2.82	0.52	24	Pass
		52	0.46	1.11	24	Pass
		106	0.75	1.19	24	Pass
		242	5.94	3.93	24	Pass
		484	8.81	7.60	24	Pass
		996	11.91	15.52	24	Pass
	CH47	26	-1.86	0.65	24	Pass
		52	1.05	1.27	24	Pass
		106	2.09	1.62	24	Pass
		242	6.43	4.40	24	Pass
		484	9.16	8.24	24	Pass
		996	12.10	16.22	24	Pass
	CH79	26	-3.34	0.46	24	Pass
		52	-1.51	0.71	24	Pass
		106	1.76	1.50	24	Pass
		242	5.61	3.64	24	Pass
		484	8.71	7.43	24	Pass
		996	11.23	13.27	24	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	4.87	3.07	24	Pass
11ax (HE20) (SU)	CH105	5.44	3.50	24	Pass
11ax (HE20) (SU)	CH113	5.43	3.49	24	Pass
11ax (HE40) (SU)	CH99	6.97	4.98	24	Pass
11ax (HE40) (SU)	CH107	7.36	5.45	24	Pass
11ax (HE80) (SU)	CH103	10.76	11.91	24	Pass
11ax (HE80) (SU)	CH119	10.89	12.27	24	Pass
11ax (HE160) (SU)	CH111	10.44	11.07	24	Pass

U-NII-6 (6425-6525MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	-6.68	0.21	24	Pass
		52	-3.99	0.40	24	Pass
		106	0.15	1.04	24	Pass
	CH105	26	-7.80	0.17	24	Pass
		52	-4.81	0.33	24	Pass
		106	0.31	1.07	24	Pass
	CH113	26	-8.82	0.13	24	Pass
		52	-5.74	0.27	24	Pass
		106	0.09	1.02	24	Pass
11ax(HE40) (RU)	CH99	26	-6.29	0.23	24	Pass
		52	-3.13	0.49	24	Pass
		106	0.48	1.12	24	Pass
		242	3.98	2.50	24	Pass
	CH107	26	-7.55	0.18	24	Pass
		52	-4.15	0.38	24	Pass
		106	0.09	1.02	24	Pass
		242	3.92	2.47	24	Pass
11ax(HE80) (RU)	CH103	26	-6.25	0.24	24	Pass
		52	-3.09	0.49	24	Pass
		106	1.04	1.27	24	Pass
		242	4.70	2.95	24	Pass
		484	7.17	5.21	24	Pass
	CH119	26	-7.29	0.19	24	Pass
		52	-4.43	0.36	24	Pass
		106	-0.47	0.90	24	Pass
		242	3.52	2.25	24	Pass
		484	6.60	4.57	24	Pass

11ax(HE160)(RU)	CH111	26	-6.08	0.25	24	Pass
		52	-2.99	0.50	24	Pass
		106	1.39	1.38	24	Pass
		242	4.56	2.86	24	Pass
		484	7.69	5.87	24	Pass
		996	10.22	10.52	24	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	7.52	5.65	24	Pass
11ax (HE20) (SU)	CH153	7.27	5.33	24	Pass
11ax (HE20) (SU)	CH181	9.17	8.26	24	Pass
11ax (HE40) (SU)	CH123	10.74	11.86	24	Pass
11ax (HE40) (SU)	CH147	10.28	10.67	24	Pass
11ax (HE40) (SU)	CH179	10.58	11.43	24	Pass
11ax (HE80) (SU)	CH135	12.18	16.52	24	Pass
11ax (HE80) (SU)	CH151	13.18	20.80	24	Pass
11ax (HE80) (SU)	CH167	14.21	26.36	24	Pass
11ax (HE160) (SU)	CH143	13.08	20.32	24	Pass

U-NII-7 (6425-6875MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	-3.84	0.41	24	Pass
		52	-1.17	0.76	24	Pass
		106	2.82	1.91	24	Pass
	CH149	26	-3.26	0.47	24	Pass
		52	-1.37	0.73	24	Pass
		106	2.33	1.71	24	Pass
	CH181	26	-3.40	0.46	24	Pass
		52	-0.25	0.94	24	Pass
		106	3.05	2.02	24	Pass
11ax(HE40) (RU)	CH123	26	-3.61	0.44	24	Pass
		52	-0.68	0.86	24	Pass
		106	3.04	2.01	24	Pass
		242	5.82	3.82	24	Pass
	CH147	26	-5.06	0.31	24	Pass
		52	-2.01	0.63	24	Pass
		106	0.49	1.12	24	Pass
		242	4.29	2.69	24	Pass
	CH179	26	-3.53	0.44	24	Pass
		52	-0.22	0.95	24	Pass
		106	2.97	1.98	24	Pass
		242	6.92	4.92	24	Pass
11ax(HE80) (RU)	CH135	26	-3.88	0.41	24	Pass
		52	-1.06	0.78	24	Pass
		106	1.09	1.29	24	Pass
		242	4.01	2.52	24	Pass

		484	7.65	5.82	24	Pass
	CH151	26	-4.12	0.39	24	Pass
		52	-1.10	0.78	24	Pass
		106	0.78	1.20	24	Pass
		242	5.68	3.70	24	Pass
		484	8.29	6.75	24	Pass
	CH167	26	-2.41	0.57	24	Pass
		52	0.15	1.04	24	Pass
		106	3.51	2.24	24	Pass
		242	6.45	4.42	24	Pass
		484	9.47	8.85	24	Pass
11ax(HE160) (RU)	CH143	26	-3.80	0.42	24	Pass
		52	-0.85	0.82	24	Pass
		106	2.45	1.76	24	Pass
		242	6.57	4.54	24	Pass
		484	8.97	7.89	24	Pass
		996	11.70	14.79	24	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	8.44	6.98	24	Pass
11ax (HE20) (SU)	CH209	8.41	6.93	24	Pass
11ax (HE20) (SU)	CH229	8.21	6.63	24	Pass
11ax (HE40) (SU)	CH187	10.64	11.59	24	Pass
11ax (HE40) (SU)	CH211	10.50	11.22	24	Pass
11ax (HE40) (SU)	CH227	10.35	10.84	24	Pass
11ax (HE80) (SU)	CH183	14.09	25.64	24	Pass
11ax (HE80) (SU)	CH199	13.06	20.23	24	Pass
11ax (HE80) (SU)	CH215	13.95	24.83	24	Pass
11ax (HE160) (SU)	CH175	13.28	21.28	24	Pass
11ax (HE160) (SU)	CH207	12.92	19.59	24	Pass

U-NII-8 (6875-7125MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	-4.35	0.37	24	Pass
		52	-0.86	0.82	24	Pass
		106	2.27	1.69	24	Pass
	CH209	26	-3.55	0.44	24	Pass
		52	-0.69	0.85	24	Pass
		106	2.55	1.80	24	Pass
	CH229	26	-3.57	0.44	24	Pass
		52	-0.10	0.98	24	Pass
		106	3.14	2.06	24	Pass
11ax(HE40) (RU)	CH187	26	-4.11	0.39	24	Pass
		52	-0.16	0.96	24	Pass
		106	2.28	1.69	24	Pass
		242	4.97	3.14	24	Pass
	CH211	26	-2.68	0.54	24	Pass
		52	-0.59	0.87	24	Pass
		106	1.85	1.53	24	Pass
		242	5.67	3.69	24	Pass
	CH227	26	-2.02	0.63	24	Pass
		52	0.50	1.12	24	Pass
		106	3.05	2.02	24	Pass
		242	6.87	4.86	24	Pass
11ax(HE80) (RU)	CH183	26	-4.01	0.40	24	Pass
		52	-0.28	0.94	24	Pass
		106	2.86	1.93	24	Pass

		242	6.68	4.66	24	Pass
		484	9.67	9.27	24	Pass
	CH199	26	-3.26	0.47	24	Pass
		52	-1.19	0.76	24	Pass
		106	1.92	1.56	24	Pass
		242	5.77	3.78	24	Pass
		484	8.71	7.43	24	Pass
	CH215	26	-2.43	0.57	24	Pass
		52	-0.55	0.88	24	Pass
		106	2.73	1.87	24	Pass
		242	6.45	4.42	24	Pass
		484	9.68	9.29	24	Pass
11ax(HE160)(RU)	CH175	26	-3.09	0.49	24	Pass
		52	-0.17	0.96	24	Pass
		106	2.78	1.90	24	Pass
		242	5.99	3.97	24	Pass
		484	9.44	8.79	24	Pass
		996	12.00	15.85	24	Pass
	CH207	26	-3.08	0.49	24	Pass
		52	-0.19	0.96	24	Pass
		106	2.85	1.93	24	Pass
		242	6.56	4.53	24	Pass
		484	9.44	8.79	24	Pass
		996	12.46	17.62	24	Pass

MIMO (CDD Mode)

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	10.56	11.36	24	Pass
11ax (HE20) (SU)	CH45	10.93	12.38	24	Pass
11ax (HE20) (SU)	CH93	10.54	11.33	24	Pass
11ax (HE40) (SU)	CH3	12.75	18.85	24	Pass
11ax (HE40) (SU)	CH43	11.94	15.63	24	Pass
11ax (HE40) (SU)	CH91	12.83	19.21	24	Pass
11ax (HE80) (SU)	CH7	16.57	45.36	24	Pass
11ax (HE80) (SU)	CH39	16.20	41.73	24	Pass
11ax (HE80) (SU)	CH87	16.05	40.31	24	Pass
11ax (HE160) (SU)	CH15	17.80	60.23	24	Pass
11ax (HE160) (SU)	CH47	16.84	48.30	24	Pass
11ax (HE160) (SU)	CH79	16.78	47.62	24	Pass

U-NII-5 (5925-6425MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	-0.15	0.97	24	Pass
		52	3.89	2.45	24	Pass
		106	7.14	5.18	24	Pass
	CH45	26	-0.30	0.93	24	Pass
		52	2.80	1.91	24	Pass
		106	6.61	4.59	24	Pass
	CH93	26	-0.80	0.83	24	Pass
		52	1.15	1.30	24	Pass
		106	4.10	2.57	24	Pass
11ax(HE40) (RU)	CH3	26	0.38	1.09	24	Pass
		52	3.52	2.25	24	Pass
		106	6.40	4.37	24	Pass
		242	10.36	10.87	24	Pass
	CH43	26	-0.15	0.97	24	Pass
		52	2.02	1.59	24	Pass
		106	5.08	3.22	24	Pass
		242	9.68	9.28	24	Pass
	CH91	26	1.11	1.29	24	Pass
		52	2.21	1.66	24	Pass
		106	5.31	3.40	24	Pass
		242	10.17	10.40	24	Pass
11ax(HE80) (RU)	CH7	26	0.29	1.07	24	Pass
		52	3.34	2.16	24	Pass

		106	6.22	4.19	24	Pass
		242	9.64	9.20	24	Pass
		484	12.79	19.03	24	Pass
	CH39	26	-0.24	0.95	24	Pass
		52	2.95	1.97	24	Pass
		106	4.86	3.07	24	Pass
		242	9.80	9.55	24	Pass
		484	11.65	14.62	24	Pass
	CH87	26	0.84	1.21	24	Pass
		52	3.85	2.43	24	Pass
		106	7.03	5.05	24	Pass
		242	9.77	9.48	24	Pass
		484	13.78	23.88	24	Pass
11ax(HE160) (RU)	CH15	26	1.66	1.47	24	Pass
		52	3.70	2.34	24	Pass
		106	5.83	3.82	24	Pass
		242	10.70	11.76	24	Pass
		484	13.60	22.91	24	Pass
		996	15.86	38.54	24	Pass
	CH47	26	1.24	1.33	24	Pass
		52	4.13	2.59	24	Pass
		106	5.87	3.87	24	Pass
		242	9.87	9.70	24	Pass
		484	12.84	19.23	24	Pass
		996	15.53	35.76	24	Pass
	CH79	26	0.74	1.19	24	Pass
		52	3.03	2.01	24	Pass
		106	6.29	4.26	24	Pass
		242	10.08	10.19	24	Pass
		484	13.07	20.25	24	Pass
		996	15.99	39.70	24	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	9.21	8.34	24	Pass
11ax (HE20) (SU)	CH105	9.49	8.88	24	Pass
11ax (HE20) (SU)	CH113	9.58	9.08	24	Pass
11ax (HE40) (SU)	CH99	11.47	14.01	24	Pass
11ax (HE40) (SU)	CH107	11.75	14.95	24	Pass
11ax (HE80) (SU)	CH103	15.24	33.44	24	Pass
11ax (HE80) (SU)	CH119	15.02	31.77	24	Pass
11ax (HE160) (SU)	CH111	14.87	30.70	24	Pass

U-NII-6 (6425-6525MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	-1.73	0.67	24	Pass
		52	1.16	1.31	24	Pass
		106	4.27	2.67	24	Pass
	CH105	26	-2.48	0.56	24	Pass
		52	0.62	1.15	24	Pass
		106	4.55	2.85	24	Pass
	CH113	26	-2.67	0.54	24	Pass
		52	0.36	1.09	24	Pass
		106	4.52	2.83	24	Pass
11ax(HE40) (RU)	CH99	26	-1.32	0.74	24	Pass
		52	1.49	1.41	24	Pass
		106	4.62	2.90	24	Pass
		242	8.15	6.53	24	Pass
	CH107	26	-1.57	0.70	24	Pass
		52	1.39	1.38	24	Pass
		106	4.42	2.77	24	Pass
		242	7.98	6.29	24	Pass
11ax(HE80) (RU)	CH103	26	-1.29	0.74	24	Pass
		52	1.37	1.37	24	Pass
		106	4.78	3.00	24	Pass
		242	8.32	6.80	24	Pass
		484	11.19	13.16	24	Pass
	CH119	26	-2.01	0.63	24	Pass
		52	0.93	1.24	24	Pass
		106	4.14	2.59	24	Pass
		242	7.91	6.18	24	Pass
		484	11.00	12.59	24	Pass

11ax(HE160)(RU)	CH111	26	-1.15	0.77	24	Pass
		52	0.92	1.24	24	Pass
		106	4.92	3.10	24	Pass
		242	8.18	6.58	24	Pass
		484	11.36	13.69	24	Pass
		996	14.13	25.90	24	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	11.18	13.11	24	Pass
11ax (HE20) (SU)	CH153	10.91	12.33	24	Pass
11ax (HE20) (SU)	CH181	11.60	14.44	24	Pass
11ax (HE40) (SU)	CH123	13.88	24.45	24	Pass
11ax (HE40) (SU)	CH147	13.68	23.34	24	Pass
11ax (HE40) (SU)	CH179	13.88	24.43	24	Pass
11ax (HE80) (SU)	CH135	16.80	47.85	24	Pass
11ax (HE80) (SU)	CH151	16.78	47.65	24	Pass
11ax (HE80) (SU)	CH167	16.91	49.06	24	Pass
11ax (HE160) (SU)	CH143	17.10	51.30	24	Pass

U-NII-7 (6425-6875MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	0.35	1.08	24	Pass
		52	3.17	2.07	24	Pass
		106	6.40	4.37	24	Pass
	CH149	26	0.54	1.13	24	Pass
		52	2.43	1.75	24	Pass
		106	6.81	4.80	24	Pass
	CH181	26	0.08	1.02	24	Pass
		52	3.20	2.09	24	Pass
		106	6.47	4.44	24	Pass
11ax(HE40) (RU)	CH123	26	0.37	1.09	24	Pass
		52	3.49	2.24	24	Pass
		106	6.51	4.47	24	Pass
		242	9.42	8.75	24	Pass
	CH147	26	-0.51	0.89	24	Pass
		52	2.61	1.82	24	Pass
		106	5.17	3.29	24	Pass
		242	8.54	7.14	24	Pass
	CH179	26	0.01	1.00	24	Pass
		52	3.08	2.03	24	Pass
		106	6.35	4.31	24	Pass
		242	10.10	10.23	24	Pass
11ax(HE80) (RU)	CH135	26	0.04	1.01	24	Pass
		52	3.01	2.00	24	Pass
		106	6.00	3.98	24	Pass
		242	8.83	7.65	24	Pass

		484	12.43	17.49	24	Pass
	CH151	26	0.35	1.08	24	Pass
		52	3.23	2.10	24	Pass
		106	5.48	3.54	24	Pass
		242	9.86	9.68	24	Pass
		484	12.68	18.52	24	Pass
	CH167	26	0.49	1.12	24	Pass
		52	3.60	2.29	24	Pass
		106	6.85	4.84	24	Pass
		242	9.67	9.27	24	Pass
		484	12.83	19.18	24	Pass
11ax(HE160) (RU)	CH143	26	1.34	1.36	24	Pass
		52	3.90	2.46	24	Pass
		106	6.87	4.87	24	Pass
		242	10.64	11.59	24	Pass
		484	13.30	21.38	24	Pass
		996	15.95	39.39	24	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	10.81	12.05	24	Pass
11ax (HE20) (SU)	CH209	10.87	12.21	24	Pass
11ax (HE20) (SU)	CH229	10.64	11.59	24	Pass
11ax (HE40) (SU)	CH187	13.04	20.14	24	Pass
11ax (HE40) (SU)	CH211	13.07	20.26	24	Pass
11ax (HE40) (SU)	CH227	12.87	19.37	24	Pass
11ax (HE80) (SU)	CH183	16.22	41.90	24	Pass
11ax (HE80) (SU)	CH199	15.72	37.29	24	Pass
11ax (HE80) (SU)	CH215	16.45	44.11	24	Pass
11ax (HE160) (SU)	CH175	15.74	37.46	24	Pass
11ax (HE160) (SU)	CH207	15.52	35.66	24	Pass

U-NII-8 (6875-7125MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	-1.11	0.77	24	Pass
		52	2.06	1.61	24	Pass
		106	5.18	3.29	24	Pass
	CH209	26	-0.93	0.81	24	Pass
		52	2.35	1.72	24	Pass
		106	5.55	3.59	24	Pass
	CH229	26	-1.24	0.75	24	Pass
		52	2.11	1.63	24	Pass
		106	5.74	3.75	24	Pass
11ax(HE40) (RU)	CH187	26	-1.28	0.75	24	Pass
		52	2.40	1.74	24	Pass
		106	5.31	3.40	24	Pass
		242	7.95	6.24	24	Pass
	CH211	26	-0.07	0.98	24	Pass
		52	2.15	1.64	24	Pass
		106	4.79	3.01	24	Pass
		242	8.32	6.79	24	Pass
	CH227	26	0.02	1.00	24	Pass
		52	2.73	1.88	24	Pass
		106	5.48	3.53	24	Pass
		242	9.29	8.49	24	Pass
11ax(HE80) (RU)	CH183	26	-0.56	0.88	24	Pass
		52	2.88	1.94	24	Pass
		106	5.82	3.82	24	Pass

		242	9.57	9.06	24	Pass
		484	12.46	17.62	24	Pass
	CH199	26	-0.14	0.97	24	Pass
		52	2.08	1.61	24	Pass
		106	5.13	3.26	24	Pass
		242	9.07	8.08	24	Pass
		484	11.99	15.82	24	Pass
	CH215	26	-0.28	0.94	24	Pass
		52	2.32	1.71	24	Pass
		106	5.51	3.55	24	Pass
		242	9.22	8.35	24	Pass
		484	12.39	17.32	24	Pass
11ax(HE160)(RU)	CH175	26	0.44	1.11	24	Pass
		52	2.84	1.92	24	Pass
		106	6.14	4.11	24	Pass
		242	9.11	8.15	24	Pass
		484	12.47	17.66	24	Pass
		996	14.93	31.09	24	Pass
	CH207	26	-0.52	0.89	24	Pass
		52	2.73	1.87	24	Pass
		106	5.72	3.73	24	Pass
		242	9.39	8.69	24	Pass
		484	12.28	16.92	24	Pass
		996	15.07	32.11	24	Pass

MIMO (Beamforming Mode)

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	9.98	9.95	24	Pass
11ax (HE20) (SU)	CH45	10.58	11.43	24	Pass
11ax (HE20) (SU)	CH93	9.95	9.89	24	Pass
11ax (HE40) (SU)	CH3	12.34	17.14	24	Pass
11ax (HE40) (SU)	CH43	11.35	13.65	24	Pass
11ax (HE40) (SU)	CH91	12.20	16.60	24	Pass
11ax (HE80) (SU)	CH7	16.14	41.11	24	Pass
11ax (HE80) (SU)	CH39	15.74	37.50	24	Pass
11ax (HE80) (SU)	CH87	15.72	37.33	24	Pass
11ax (HE160) (SU)	CH15	17.15	51.88	24	Pass
11ax (HE160) (SU)	CH47	16.40	43.65	24	Pass
11ax (HE160) (SU)	CH79	16.15	41.21	24	Pass

U-NII-5 (5925-6425MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH1	26	-0.87	0.82	24	Pass
		52	3.19	2.08	24	Pass
		106	6.83	4.82	24	Pass
	CH45	26	-0.84	0.82	24	Pass
		52	2.38	1.73	24	Pass
		106	6.01	3.99	24	Pass
	CH93	26	-1.36	0.73	24	Pass
		52	0.50	1.12	24	Pass
		106	3.51	2.24	24	Pass
11ax(HE40) (RU)	CH3	26	-0.35	0.92	24	Pass
		52	3.11	2.05	24	Pass
		106	6.00	3.98	24	Pass
		242	10.00	10.00	24	Pass
	CH43	26	-0.58	0.87	24	Pass
		52	1.47	1.40	24	Pass
		106	4.65	2.92	24	Pass
		242	9.24	8.39	24	Pass
	CH91	26	0.62	1.15	24	Pass
		52	1.55	1.43	24	Pass
		106	4.74	2.98	24	Pass
		242	9.65	9.23	24	Pass
11ax(HE80) (RU)	CH7	26	-0.33	0.93	24	Pass
		52	2.98	1.99	24	Pass

		106	5.80	3.80	24	Pass
		242	9.16	8.24	24	Pass
		484	12.46	17.62	24	Pass
	CH39	26	-0.73	0.85	24	Pass
		52	2.49	1.77	24	Pass
		106	4.15	2.60	24	Pass
		242	9.30	8.51	24	Pass
		484	10.99	12.56	24	Pass
	CH87	26	0.43	1.10	24	Pass
		52	3.25	2.11	24	Pass
		106	6.49	4.46	24	Pass
		242	9.41	8.73	24	Pass
		484	13.20	20.89	24	Pass
11ax(HE160)(RU)	CH15	26	1.15	1.30	24	Pass
		52	3.11	2.05	24	Pass
		106	5.29	3.38	24	Pass
		242	10.15	10.35	24	Pass
		484	13.29	21.33	24	Pass
		996	15.34	34.20	24	Pass
	CH47	26	0.70	1.17	24	Pass
		52	3.69	2.34	24	Pass
		106	5.25	3.35	24	Pass
		242	9.37	8.65	24	Pass
		484	12.28	16.90	24	Pass
		996	15.17	32.89	24	Pass
	CH79	26	0.36	1.09	24	Pass
		52	2.53	1.79	24	Pass
		106	6.00	3.98	24	Pass
		242	9.39	8.69	24	Pass
		484	12.34	17.14	24	Pass
		996	15.51	35.56	24	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	8.69	7.40	24	Pass
11ax (HE20) (SU)	CH105	9.11	8.15	24	Pass
11ax (HE20) (SU)	CH113	9.27	8.45	24	Pass
11ax (HE40) (SU)	CH99	10.92	12.36	24	Pass
11ax (HE40) (SU)	CH107	11.42	13.87	24	Pass
11ax (HE80) (SU)	CH103	14.92	31.05	24	Pass
11ax (HE80) (SU)	CH119	14.67	29.31	24	Pass
11ax (HE160) (SU)	CH111	14.19	26.24	24	Pass

U-NII-6 (6425-6525MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH97	26	-2.14	0.61	24	Pass
		52	0.73	1.18	24	Pass
		106	3.85	2.43	24	Pass
	CH105	26	-3.00	0.50	24	Pass
		52	0.19	1.04	24	Pass
		106	4.00	2.51	24	Pass
	CH113	26	-2.98	0.50	24	Pass
		52	0.01	1.00	24	Pass
		106	4.15	2.60	24	Pass
11ax(HE40) (RU)	CH99	26	-1.90	0.65	24	Pass
		52	1.12	1.29	24	Pass
		106	4.20	2.63	24	Pass
		242	7.65	5.82	24	Pass
	CH107	26	-2.24	0.60	24	Pass
		52	0.73	1.18	24	Pass
		106	3.93	2.47	24	Pass
		242	7.43	5.53	24	Pass
11ax(HE80) (RU)	CH103	26	-1.62	0.69	24	Pass
		52	0.88	1.22	24	Pass
		106	4.36	2.73	24	Pass
		242	7.95	6.24	24	Pass
		484	10.54	11.32	24	Pass
	CH119	26	-2.44	0.57	24	Pass
		52	0.23	1.05	24	Pass
		106	3.64	2.31	24	Pass
		242	7.36	5.45	24	Pass
		484	10.52	11.27	24	Pass

11ax(HE160)(RU)	CH111	26	-1.48	0.71	24	Pass
		52	0.55	1.14	24	Pass
		106	4.38	2.74	24	Pass
		242	7.55	5.69	24	Pass
		484	10.90	12.30	24	Pass
		996	13.76	23.77	24	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	10.48	11.17	24	Pass
11ax (HE20) (SU)	CH153	10.41	10.99	24	Pass
11ax (HE20) (SU)	CH181	11.03	12.68	24	Pass
11ax (HE40) (SU)	CH123	13.59	22.86	24	Pass
11ax (HE40) (SU)	CH147	13.33	21.53	24	Pass
11ax (HE40) (SU)	CH179	13.31	21.43	24	Pass
11ax (HE80) (SU)	CH135	16.21	41.78	24	Pass
11ax (HE80) (SU)	CH151	16.33	42.95	24	Pass
11ax (HE80) (SU)	CH167	16.57	45.39	24	Pass
11ax (HE160) (SU)	CH143	16.61	45.81	24	Pass

U-NII-7 (6425-6875MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH117	26	-0.05	0.99	24	Pass
		52	2.78	1.90	24	Pass
		106	5.92	3.91	24	Pass
	CH149	26	0.20	1.05	24	Pass
		52	1.82	1.52	24	Pass
		106	6.43	4.40	24	Pass
	CH181	26	-0.45	0.90	24	Pass
		52	2.72	1.87	24	Pass
		106	6.10	4.07	24	Pass
11ax(HE40) (RU)	CH123	26	-0.10	0.98	24	Pass
		52	3.07	2.03	24	Pass
		106	5.87	3.86	24	Pass
		242	8.96	7.87	24	Pass
	CH147	26	-0.91	0.81	24	Pass
		52	2.10	1.62	24	Pass
		106	4.45	2.79	24	Pass
		242	8.10	6.46	24	Pass
	CH179	26	-0.35	0.92	24	Pass
		52	2.64	1.84	24	Pass
		106	6.00	3.98	24	Pass
		242	9.53	8.97	24	Pass
11ax(HE80) (RU)	CH135	26	-0.54	0.88	24	Pass
		52	2.68	1.85	24	Pass
		106	5.36	3.44	24	Pass
		242	8.50	7.08	24	Pass

		484	12.04	16.00	24	Pass
	CH151	26	-0.11	0.97	24	Pass
		52	2.52	1.79	24	Pass
		106	5.07	3.21	24	Pass
		242	9.46	8.83	24	Pass
		484	12.25	16.79	24	Pass
	CH167	26	-0.06	0.99	24	Pass
		52	3.12	2.05	24	Pass
		106	6.30	4.27	24	Pass
		242	9.27	8.45	24	Pass
		484	12.31	17.02	24	Pass
11ax(HE160) (RU)	CH143	26	0.77	1.19	24	Pass
		52	3.41	2.19	24	Pass
		106	6.35	4.32	24	Pass
		242	10.27	10.64	24	Pass
		484	12.70	18.62	24	Pass
		996	15.45	35.08	24	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	10.38	10.91	24	Pass
11ax (HE20) (SU)	CH209	10.17	10.40	24	Pass
11ax (HE20) (SU)	CH229	10.21	10.50	24	Pass
11ax (HE40) (SU)	CH187	12.58	18.11	24	Pass
11ax (HE40) (SU)	CH211	12.59	18.16	24	Pass
11ax (HE40) (SU)	CH227	12.27	16.87	24	Pass
11ax (HE80) (SU)	CH183	15.76	37.67	24	Pass
11ax (HE80) (SU)	CH199	15.11	32.43	24	Pass
11ax (HE80) (SU)	CH215	16.11	40.83	24	Pass
11ax (HE160) (SU)	CH175	15.15	32.73	24	Pass
11ax (HE160) (SU)	CH207	15.05	31.99	24	Pass

U-NII-8 (6875-7125MHz)						
Mode	Channel	RU Config	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax(HE20) (RU)	CH185	26	-1.57	0.70	24	Pass
		52	1.63	1.46	24	Pass
		106	4.66	2.92	24	Pass
	CH209	26	-1.51	0.71	24	Pass
		52	1.95	1.57	24	Pass
		106	5.08	3.22	24	Pass
	CH229	26	-1.67	0.68	24	Pass
		52	1.69	1.48	24	Pass
		106	5.22	3.33	24	Pass
11ax(HE40) (RU)	CH187	26	-1.74	0.67	24	Pass
		52	1.70	1.48	24	Pass
		106	4.90	3.09	24	Pass
		242	7.35	5.43	24	Pass
	CH211	26	-0.46	0.90	24	Pass
		52	1.77	1.50	24	Pass
		106	4.31	2.70	24	Pass
		242	8.00	6.31	24	Pass
	CH227	26	-0.38	0.92	24	Pass
		52	2.31	1.70	24	Pass
		106	5.06	3.21	24	Pass
		242	8.87	7.71	24	Pass
11ax(HE80) (RU)	CH183	26	-1.05	0.79	24	Pass
		52	2.52	1.79	24	Pass
		106	5.14	3.27	24	Pass

		242	9.04	8.02	24	Pass
		484	11.96	15.70	24	Pass
	CH199	26	-0.52	0.89	24	Pass
		52	1.60	1.45	24	Pass
		106	4.63	2.90	24	Pass
		242	8.41	6.93	24	Pass
		484	11.52	14.19	24	Pass
	CH215	26	-0.86	0.82	24	Pass
		52	1.99	1.58	24	Pass
		106	5.02	3.18	24	Pass
		242	8.79	7.57	24	Pass
		484	11.96	15.70	24	Pass
11ax(HE160) (RU)	CH175	26	-0.38	0.92	24	Pass
		52	2.01	1.59	24	Pass
		106	5.11	3.24	24	Pass
		242	8.02	6.34	24	Pass
		484	11.39	13.77	24	Pass
		996	14.02	25.23	24	Pass
	CH207	26	-0.97	0.80	24	Pass
		52	2.27	1.69	24	Pass
		106	5.22	3.33	24	Pass
		242	8.96	7.87	24	Pass
		484	11.89	15.45	24	Pass
		996	14.72	29.65	24	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2470686-606 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	21.28	18.91
11ax (HE20) (SU)	CH45	21.64	18.92
11ax (HE20) (SU)	CH93	22.38	18.93
11ax (HE40) (SU)	CH3	40.86	37.69
11ax (HE40) (SU)	CH43	40.93	37.69
11ax (HE40) (SU)	CH91	40.71	37.69
11ax (HE80) (SU)	CH7	82.63	77.09
11ax (HE80) (SU)	CH39	96.44	77.55
11ax (HE80) (SU)	CH87	86.66	77.32
11ax (HE160) (SU)	CH15	165.84	156.51
11ax (HE160) (SU)	CH47	166.30	156.43
11ax (HE160) (SU)	CH79	165.77	156.40

U-NII-6 (6425 - 6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH97	21.52	18.94
11ax (HE20) (SU)	CH105	21.26	18.91
11ax (HE20) (SU)	CH113	21.72	18.92
11ax (HE40) (SU)	CH99	41.20	37.74
11ax (HE40) (SU)	CH107	40.79	37.69
11ax (HE80) (SU)	CH103	108.08	77.42
11ax (HE80) (SU)	CH119	82.86	77.24
11ax (HE160) (SU)	CH111	165.51	156.22

U-NII-7 (6525 - 6825MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH117	21.25	18.91
11ax (HE20) (SU)	CH153	21.85	18.93
11ax (HE20) (SU)	CH181	21.24	18.92
11ax (HE40) (SU)	CH123	40.62	37.71
11ax (HE40) (SU)	CH147	40.90	37.67
11ax (HE40) (SU)	CH179	41.02	37.68
11ax (HE80) (SU)	CH135	83.38	77.19
11ax (HE80) (SU)	CH151	99.00	77.25
11ax (HE80) (SU)	CH167	82.77	77.20
11ax (HE160) (SU)	CH143	166.36	156.20

U-NII-8 (6875 - 7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH185	21.19	18.91
11ax (HE20) (SU)	CH209	21.15	18.90
11ax (HE20) (SU)	CH229	21.85	18.94
11ax (HE20) (SU)	CH233	21.47	18.93
11ax (HE40) (SU)	CH187	40.82	37.68
11ax (HE40) (SU)	CH211	40.74	37.67
11ax (HE40) (SU)	CH227	40.83	37.69
11ax (HE80) (SU)	CH183	83.08	77.13
11ax (HE80) (SU)	CH199	82.46	77.27
11ax (HE80) (SU)	CH215	96.63	77.39
11ax (HE160) (SU)	CH175	166.12	156.53
11ax (HE160) (SU)	CH207	166.68	156.71

Aux. Antenna

U-NII-5 (5925 - 6425MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH1	21.22	18.91
11ax (HE20) (SU)	CH45	21.08	18.92
11ax (HE20) (SU)	CH93	21.67	18.92
11ax (HE40) (SU)	CH3	40.82	37.69
11ax (HE40) (SU)	CH43	40.72	37.67
11ax (HE40) (SU)	CH91	40.84	37.69
11ax (HE80) (SU)	CH7	82.74	77.20
11ax (HE80) (SU)	CH39	82.66	77.14
11ax (HE80) (SU)	CH87	82.50	77.10
11ax (HE160) (SU)	CH15	166.18	156.39
11ax (HE160) (SU)	CH47	165.80	156.32
11ax (HE160) (SU)	CH79	165.98	156.02

U-NII-6 (6425 - 6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH97	21.04	18.93
11ax (HE20) (SU)	CH105	21.57	18.94
11ax (HE20) (SU)	CH113	21.38	18.91
11ax (HE40) (SU)	CH99	40.67	37.68
11ax (HE40) (SU)	CH107	40.66	37.72
11ax (HE80) (SU)	CH103	82.51	77.14
11ax (HE80) (SU)	CH119	82.56	77.18
11ax (HE160) (SU)	CH111	165.77	156.39

U-NII-7 (6525 - 6825MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH117	21.20	18.93
11ax (HE20) (SU)	CH153	21.36	18.90
11ax (HE20) (SU)	CH181	21.25	18.91
11ax (HE40) (SU)	CH123	40.77	37.70
11ax (HE40) (SU)	CH147	40.96	37.68
11ax (HE40) (SU)	CH179	40.63	37.67
11ax (HE80) (SU)	CH135	82.96	77.14
11ax (HE80) (SU)	CH151	82.63	77.14
11ax (HE80) (SU)	CH167	82.90	77.35
11ax (HE160) (SU)	CH143	165.92	156.42

U-NII-8 (6875 - 7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH185	21.67	18.91
11ax (HE20) (SU)	CH209	21.57	18.91
11ax (HE20) (SU)	CH229	21.47	18.93
11ax (HE20) (SU)	CH233	21.28	18.94
11ax (HE40) (SU)	CH187	40.95	37.68
11ax (HE40) (SU)	CH211	41.13	37.68
11ax (HE40) (SU)	CH227	40.77	37.66
11ax (HE80) (SU)	CH183	82.91	77.21
11ax (HE80) (SU)	CH199	82.91	77.21
11ax (HE80) (SU)	CH215	91.84	77.29
11ax (HE160) (SU)	CH175	166.53	156.30
11ax (HE160) (SU)	CH207	166.62	156.21

A.3 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2470686-606 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	-3.70	-1.00	Pass
11ax (HE20) (SU)	CH45	-4.64	-1.00	Pass
11ax (HE20) (SU)	CH93	-3.93	-1.00	Pass
11ax (HE40) (SU)	CH3	-3.38	-1.00	Pass
11ax (HE40) (SU)	CH43	-5.25	-1.00	Pass
11ax (HE40) (SU)	CH91	-3.88	-1.00	Pass
11ax (HE80) (SU)	CH7	-3.97	-1.00	Pass
11ax (HE80) (SU)	CH39	-4.90	-1.00	Pass
11ax (HE80) (SU)	CH87	-3.93	-1.00	Pass
11ax (HE160) (SU)	CH15	-6.59	-1.00	Pass
11ax (HE160) (SU)	CH47	-7.93	-1.00	Pass
11ax (HE160) (SU)	CH79	-7.95	-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	-2.88	-1.00	Pass
		52	-3.03	-1.00	Pass
		106	-3.78	-1.00	Pass
	CH45	26	-6.45	-1.00	Pass
		52	-5.97	-1.00	Pass
		106	-5.17	-1.00	Pass
	CH93	26	-4.89	-1.00	Pass
		52	-5.70	-1.00	Pass
		106	-5.73	-1.00	Pass
11ax(HE40) (RU)	CH3	26	-3.77	-1.00	Pass
		52	-3.25	-1.00	Pass
		106	-3.45	-1.00	Pass
		242	-3.82	-1.00	Pass
	CH43	26	-5.15	-1.00	Pass
		52	-5.65	-1.00	Pass
		106	-5.63	-1.00	Pass
		242	-5.93	-1.00	Pass
	CH91	26	-3.86	-1.00	Pass
		52	-4.64	-1.00	Pass
		106	-4.83	-1.00	Pass

		242	-4.53	-1.00	Pass
11ax(HE80) (RU)	CH7	26	-3.87	-1.00	Pass
		52	-3.37	-1.00	Pass
		106	-3.58	-1.00	Pass
		242	-4.48	-1.00	Pass
		484	-4.18	-1.00	Pass
	CH39	26	-5.26	-1.00	Pass
		52	-4.94	-1.00	Pass
		106	-6.11	-1.00	Pass
		242	-5.36	-1.00	Pass
		484	-6.23	-1.00	Pass
	CH87	26	-4.44	-1.00	Pass
		52	-4.32	-1.00	Pass
		106	-3.98	-1.00	Pass
		242	-4.88	-1.00	Pass
		484	-3.88	-1.00	Pass
11ax(HE160) (RU)	CH15	26	-3.99	-1.00	Pass
		52	-5.72	-1.00	Pass
		106	-5.52	-1.00	Pass
		242	-4.26	-1.00	Pass
		484	-4.32	-1.00	Pass
		996	-4.33	-1.00	Pass
	CH47	26	-5.51	-1.00	Pass
		52	-5.14	-1.00	Pass
		106	-5.89	-1.00	Pass
		242	-5.46	-1.00	Pass
		484	-5.30	-1.00	Pass
		996	-5.55	-1.00	Pass
	CH79	26	-4.19	-1.00	Pass
		52	-4.54	-1.00	Pass
		106	-4.36	-1.00	Pass
		242	-4.05	-1.00	Pass
		484	-4.23	-1.00	Pass
		996	-4.43	-1.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	-6.02	-1.00	Pass
11ax (HE20) (SU)	CH105	-6.57	-1.00	Pass
11ax (HE20) (SU)	CH113	-6.47	-1.00	Pass
11ax (HE40) (SU)	CH99	-6.33	-1.00	Pass
11ax (HE40) (SU)	CH107	-6.07	-1.00	Pass
11ax (HE80) (SU)	CH103	-6.01	-1.00	Pass
11ax (HE80) (SU)	CH119	-6.00	-1.00	Pass
11ax (HE160) (SU)	CH111	-9.57	-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	-6.19	-1.00	Pass
		52	-5.75	-1.00	Pass
		106	-6.53	-1.00	Pass
	CH105	26	-6.75	-1.00	Pass
		52	-6.53	-1.00	Pass
		106	-6.09	-1.00	Pass
	CH113	26	-6.75	-1.00	Pass
		52	-6.51	-1.00	Pass
		106	-6.09	-1.00	Pass
11ax(HE40) (RU)	CH99	26	-5.95	-1.00	Pass
		52	-5.81	-1.00	Pass
		106	-6.27	-1.00	Pass
		242	-6.23	-1.00	Pass
	CH107	26	-5.83	-1.00	Pass
		52	-6.06	-1.00	Pass
		106	-6.41	-1.00	Pass
		242	-6.45	-1.00	Pass
11ax(HE80) (RU)	CH103	26	-5.97	-1.00	Pass
		52	-6.16	-1.00	Pass
		106	-6.51	-1.00	Pass
		242	-6.58	-1.00	Pass
		484	-6.41	-1.00	Pass
	CH119	26	-6.73	-1.00	Pass
		52	-6.67	-1.00	Pass
		106	-6.77	-1.00	Pass
		242	-6.50	-1.00	Pass
		484	-6.32	-1.00	Pass
11ax(HE160)	CH111	26	-5.77	-1.00	Pass

(RU)		52	-6.42	-1.00	Pass
		106	-6.26	-1.00	Pass
		242	-6.24	-1.00	Pass
		484	-6.32	-1.00	Pass
		996	-6.35	-1.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	-5.04	-1.00	Pass
11ax (HE20) (SU)	CH153	-4.85	-1.00	Pass
11ax (HE20) (SU)	CH181	-4.95	-1.00	Pass
11ax (HE40) (SU)	CH123	-4.71	-1.00	Pass
11ax (HE40) (SU)	CH147	-4.84	-1.00	Pass
11ax (HE40) (SU)	CH179	-4.79	-1.00	Pass
11ax (HE80) (SU)	CH135	-4.58	-1.00	Pass
11ax (HE80) (SU)	CH151	-4.47	-1.00	Pass
11ax (HE80) (SU)	CH167	-4.96	-1.00	Pass
11ax (HE160) (SU)	CH143	-7.45	-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	-4.60	-1.00	Pass
		52	-4.60	-1.00	Pass
		106	-4.83	-1.00	Pass
	CH153	26	-4.84	-1.00	Pass
		52	-4.33	-1.00	Pass
		106	-4.06	-1.00	Pass
	CH181	26	-5.67	-1.00	Pass
		52	-5.43	-1.00	Pass
		106	-5.13	-1.00	Pass
11ax(HE40) (RU)	CH123	26	-4.68	-1.00	Pass
		52	-4.42	-1.00	Pass
		106	-4.94	-1.00	Pass
		242	-5.39	-1.00	Pass
	CH147	26	-5.62	-1.00	Pass
		52	-5.38	-1.00	Pass
		106	-5.79	-1.00	Pass
		242	-5.91	-1.00	Pass
	CH179	26	-5.78	-1.00	Pass
		52	-5.69	-1.00	Pass
		106	-5.41	-1.00	Pass
		242	-5.28	-1.00	Pass
11ax(HE80) (RU)	CH135	26	-5.64	-1.00	Pass
		52	-5.29	-1.00	Pass
		106	-4.81	-1.00	Pass
		242	-5.53	-1.00	Pass
		484	-4.76	-1.00	Pass

	CH151	26	-4.76	-1.00	Pass
		52	-4.81	-1.00	Pass
		106	-5.42	-1.00	Pass
		242	-5.00	-1.00	Pass
		484	-5.06	-1.00	Pass
	CH167	26	-5.91	-1.00	Pass
		52	-5.29	-1.00	Pass
		106	-5.10	-1.00	Pass
		242	-5.68	-1.00	Pass
		484	-5.26	-1.00	Pass
11ax(HE160) (RU)	CH143	26	-3.74	-1.00	Pass
		52	-4.04	-1.00	Pass
		106	-4.40	-1.00	Pass
		242	-4.34	-1.00	Pass
		484	-4.39	-1.00	Pass
		996	-4.58	-1.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	-7.00	-1.00	Pass
11ax (HE20) (SU)	CH209	-6.88	-1.00	Pass
11ax (HE20) (SU)	CH229	-7.25	-1.00	Pass
11ax (HE40) (SU)	CH187	-6.27	-1.00	Pass
11ax (HE40) (SU)	CH211	-7.48	-1.00	Pass
11ax (HE40) (SU)	CH227	-6.41	-1.00	Pass
11ax (HE80) (SU)	CH183	-7.54	-1.00	Pass
11ax (HE80) (SU)	CH199	-5.75	-1.00	Pass
11ax (HE80) (SU)	CH215	-7.13	-1.00	Pass
11ax (HE160) (SU)	CH175	-9.83	-1.00	Pass
11ax (HE160) (SU)	CH207	-10.19	-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	-7.12	-1.00	Pass
		52	-6.86	-1.00	Pass
		106	-6.73	-1.00	Pass
	CH209	26	-7.46	-1.00	Pass
		52	-6.46	-1.00	Pass
		106	-6.32	-1.00	Pass
	CH229	26	-8.20	-1.00	Pass
		52	-7.90	-1.00	Pass
		106	-6.88	-1.00	Pass
11ax(HE40) (RU)	CH187	26	-7.52	-1.00	Pass
		52	-7.12	-1.00	Pass
		106	-6.86	-1.00	Pass
		242	-7.35	-1.00	Pass
	CH211	26	-6.62	-1.00	Pass
		52	-7.11	-1.00	Pass
		106	-7.28	-1.00	Pass
		242	-7.48	-1.00	Pass
	CH227	26	-7.53	-1.00	Pass
		52	-7.32	-1.00	Pass
		106	-7.39	-1.00	Pass
		242	-7.21	-1.00	Pass
11ax(HE80) (RU)	CH183	26	-6.35	-1.00	Pass
		52	-6.16	-1.00	Pass
		106	-6.56	-1.00	Pass
		242	-6.39	-1.00	Pass

		484	-6.15	-1.00	Pass
	CH199	26	-6.22	-1.00	Pass
		52	-6.55	-1.00	Pass
		106	-6.64	-1.00	Pass
		242	-6.20	-1.00	Pass
		484	-6.18	-1.00	Pass
	CH215	26	-7.82	-1.00	Pass
		52	-6.84	-1.00	Pass
		106	-6.74	-1.00	Pass
		242	-6.69	-1.00	Pass
		484	-6.42	-1.00	Pass
11ax(HE160) (RU)	CH175	26	-5.45	-1.00	Pass
		52	-6.51	-1.00	Pass
		106	-5.65	-1.00	Pass
		242	-6.32	-1.00	Pass
		484	-5.82	-1.00	Pass
		996	-5.96	-1.00	Pass
	CH207 CH175	26	-7.14	-1.00	Pass
		52	-6.33	-1.00	Pass
		106	-6.56	-1.00	Pass
		242	-6.54	-1.00	Pass
		484	-6.65	-1.00	Pass
		996	-7.03	-1.00	Pass

Aux. Antenna

U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	-7.82	-1.00	Pass
11ax (HE20) (SU)	CH45	-5.72	-1.00	Pass
11ax (HE20) (SU)	CH93	-6.29	-1.00	Pass
11ax (HE40) (SU)	CH3	-7.01	-1.00	Pass
11ax (HE40) (SU)	CH43	-6.54	-1.00	Pass
11ax (HE40) (SU)	CH91	-6.80	-1.00	Pass
11ax (HE80) (SU)	CH7	-7.18	-1.00	Pass
11ax (HE80) (SU)	CH39	-6.68	-1.00	Pass
11ax (HE80) (SU)	CH87	-6.34	-1.00	Pass
11ax (HE160) (SU)	CH15	-8.66	-1.00	Pass
11ax (HE160) (SU)	CH47	-8.69	-1.00	Pass
11ax (HE160) (SU)	CH79	-9.65	-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	-8.13	-1.00	Pass
		52	-8.27	-1.00	Pass
		106	-7.73	-1.00	Pass
	CH45	26	-5.73	-1.00	Pass
		52	-5.66	-1.00	Pass
		106	-6.59	-1.00	Pass
	CH93	26	-8.98	-1.00	Pass
		52	-10.01	-1.00	Pass
		106	-9.92	-1.00	Pass
11ax(HE40) (RU)	CH3	26	-8.20	-1.00	Pass
		52	-8.12	-1.00	Pass
		106	-8.06	-1.00	Pass
		242	-8.37	-1.00	Pass
	CH43	26	-7.23	-1.00	Pass
		52	-7.90	-1.00	Pass
		106	-7.80	-1.00	Pass
		242	-6.78	-1.00	Pass
	CH91	26	-7.09	-1.00	Pass
		52	-9.01	-1.00	Pass
		106	-9.06	-1.00	Pass
		242	-7.15	-1.00	Pass
11ax(HE80) (RU)	CH7	26	-9.09	-1.00	Pass
		52	-8.85	-1.00	Pass
		106	-8.90	-1.00	Pass

		242	-8.90	-1.00	Pass
		484	-8.76	-1.00	Pass
	CH39	26	-8.63	-1.00	Pass
		52	-8.13	-1.00	Pass
		106	-9.16	-1.00	Pass
		242	-6.82	-1.00	Pass
		484	-8.39	-1.00	Pass
	CH87	26	-6.55	-1.00	Pass
		52	-6.40	-1.00	Pass
		106	-6.75	-1.00	Pass
		242	-7.08	-1.00	Pass
		484	-6.26	-1.00	Pass
11ax(HE160) (RU)	CH15	26	-6.32	-1.00	Pass
		52	-5.80	-1.00	Pass
		106	-8.67	-1.00	Pass
		242	-7.09	-1.00	Pass
		484	-7.11	-1.00	Pass
		996	-6.99	-1.00	Pass
	CH47	26	-5.05	-1.00	Pass
		52	-4.93	-1.00	Pass
		106	-6.99	-1.00	Pass
		242	-6.04	-1.00	Pass
		484	-6.37	-1.00	Pass
		996	-6.20	-1.00	Pass
	CH79	26	-6.13	-1.00	Pass
		52	-7.20	-1.00	Pass
		106	-6.81	-1.00	Pass
		242	-6.49	-1.00	Pass
		484	-6.28	-1.00	Pass
		996	-6.87	-1.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	-7.98	-1.00	Pass
11ax (HE20) (SU)	CH105	-8.35	-1.00	Pass
11ax (HE20) (SU)	CH113	-8.39	-1.00	Pass
11ax (HE40) (SU)	CH99	-8.78	-1.00	Pass
11ax (HE40) (SU)	CH107	-8.35	-1.00	Pass
11ax (HE80) (SU)	CH103	-8.06	-1.00	Pass
11ax (HE80) (SU)	CH119	-8.14	-1.00	Pass
11ax (HE160) (SU)	CH111	-11.57	-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	-9.49	-1.00	Pass
		52	-9.73	-1.00	Pass
		106	-8.49	-1.00	Pass
	CH105	26	-10.65	-1.00	Pass
		52	-10.44	-1.00	Pass
		106	-8.30	-1.00	Pass
	CH113	26	-11.67	-1.00	Pass
		52	-11.48	-1.00	Pass
		106	-8.60	-1.00	Pass
11ax(HE40) (RU)	CH99	26	-9.27	-1.00	Pass
		52	-8.94	-1.00	Pass
		106	-8.33	-1.00	Pass
		242	-8.45	-1.00	Pass
	CH107	26	-10.51	-1.00	Pass
		52	-9.93	-1.00	Pass
		106	-8.65	-1.00	Pass
		242	-8.44	-1.00	Pass
11ax(HE80) (RU)	CH103	26	-9.26	-1.00	Pass
		52	-8.93	-1.00	Pass
		106	-7.75	-1.00	Pass
		242	-7.72	-1.00	Pass
		484	-8.07	-1.00	Pass
	CH119	26	-10.48	-1.00	Pass
		52	-10.45	-1.00	Pass
		106	-9.48	-1.00	Pass
		242	-9.04	-1.00	Pass
		484	-8.79	-1.00	Pass
11ax(HE160)	CH111	26	-9.01	-1.00	Pass

(RU)		52	-8.60	-1.00	Pass
		106	-7.43	-1.00	Pass
		242	-7.68	-1.00	Pass
		484	-7.35	-1.00	Pass
		996	-7.48	-1.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	-6.35	-1.00	Pass
11ax (HE20) (SU)	CH153	-6.72	-1.00	Pass
11ax (HE20) (SU)	CH181	-5.93	-1.00	Pass
11ax (HE40) (SU)	CH123	-6.09	-1.00	Pass
11ax (HE40) (SU)	CH147	-7.69	-1.00	Pass
11ax (HE40) (SU)	CH179	-5.56	-1.00	Pass
11ax (HE80) (SU)	CH135	-8.12	-1.00	Pass
11ax (HE80) (SU)	CH151	-7.28	-1.00	Pass
11ax (HE80) (SU)	CH167	-6.46	-1.00	Pass
11ax (HE160) (SU)	CH143	-9.76	-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	-6.81	-1.00	Pass
		52	-6.86	-1.00	Pass
		106	-5.95	-1.00	Pass
	CH153	26	-6.36	-1.00	Pass
		52	-6.84	-1.00	Pass
		106	-6.59	-1.00	Pass
	CH181	26	-6.55	-1.00	Pass
		52	-6.27	-1.00	Pass
		106	-5.97	-1.00	Pass
11ax(HE40) (RU)	CH123	26	-6.56	-1.00	Pass
		52	-6.46	-1.00	Pass
		106	-5.76	-1.00	Pass
		242	-6.41	-1.00	Pass
	CH147	26	-8.27	-1.00	Pass
		52	-8.11	-1.00	Pass
		106	-8.53	-1.00	Pass
		242	-7.91	-1.00	Pass
	CH179	26	-6.81	-1.00	Pass
		52	-6.08	-1.00	Pass
		106	-5.73	-1.00	Pass
		242	-5.61	-1.00	Pass
11ax(HE80) (RU)	CH135	26	-7.15	-1.00	Pass
		52	-7.11	-1.00	Pass
		106	-8.03	-1.00	Pass
		242	-8.60	-1.00	Pass
		484	-7.79	-1.00	Pass

	CH151	26	-7.37	-1.00	Pass
		52	-7.18	-1.00	Pass
		106	-8.38	-1.00	Pass
		242	-6.83	-1.00	Pass
		484	-7.18	-1.00	Pass
	CH167	26	-5.68	-1.00	Pass
		52	-5.81	-1.00	Pass
		106	-5.51	-1.00	Pass
		242	-6.18	-1.00	Pass
		484	-6.09	-1.00	Pass
11ax(HE160) (RU)	CH143	26	-7.40	-1.00	Pass
		52	-7.05	-1.00	Pass
		106	-6.73	-1.00	Pass
		242	-6.12	-1.00	Pass
		484	-6.57	-1.00	Pass
		996	-6.70	-1.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	-6.63	-1.00	Pass
11ax (HE20) (SU)	CH209	-6.63	-1.00	Pass
11ax (HE20) (SU)	CH229	-6.01	-1.00	Pass
11ax (HE40) (SU)	CH187	-6.31	-1.00	Pass
11ax (HE40) (SU)	CH211	-7.02	-1.00	Pass
11ax (HE40) (SU)	CH227	-5.83	-1.00	Pass
11ax (HE80) (SU)	CH183	-6.90	-1.00	Pass
11ax (HE80) (SU)	CH199	-6.52	-1.00	Pass
11ax (HE80) (SU)	CH215	-6.44	-1.00	Pass
11ax (HE160) (SU)	CH175	-9.80	-1.00	Pass
11ax (HE160) (SU)	CH207	-10.12	-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	-7.30	-1.00	Pass
		52	-6.63	-1.00	Pass
		106	-6.57	-1.00	Pass
	CH209	26	-6.60	-1.00	Pass
		52	-6.57	-1.00	Pass
		106	-6.39	-1.00	Pass
	CH229	26	-6.69	-1.00	Pass
		52	-6.08	-1.00	Pass
		106	-5.90	-1.00	Pass
11ax(HE40) (RU)	CH187	26	-7.32	-1.00	Pass
		52	-6.10	-1.00	Pass
		106	-6.68	-1.00	Pass
		242	-7.44	-1.00	Pass
	CH211	26	-5.81	-1.00	Pass
		52	-6.37	-1.00	Pass
		106	-7.25	-1.00	Pass
		242	-6.81	-1.00	Pass
	CH227	26	-5.26	-1.00	Pass
		52	-5.63	-1.00	Pass
		106	-6.13	-1.00	Pass
		242	-5.80	-1.00	Pass
11ax(HE80) (RU)	CH183	26	-7.18	-1.00	Pass
		52	-6.36	-1.00	Pass
		106	-6.15	-1.00	Pass
		242	-6.17	-1.00	Pass

		484	-6.06	-1.00	Pass
	CH199	26	-6.33	-1.00	Pass
		52	-7.08	-1.00	Pass
		106	-6.95	-1.00	Pass
		242	-6.68	-1.00	Pass
		484	-6.64	-1.00	Pass
	CH215	26	-5.53	-1.00	Pass
		52	-6.52	-1.00	Pass
		106	-6.28	-1.00	Pass
		242	-6.14	-1.00	Pass
		484	-5.82	-1.00	Pass
11ax(HE160) (RU)	CH175	26	-6.58	-1.00	Pass
		52	-6.32	-1.00	Pass
		106	-6.25	-1.00	Pass
		242	-6.60	-1.00	Pass
		484	-6.07	-1.00	Pass
		996	-6.18	-1.00	Pass
	CH207 CH175	26	-6.31	-1.00	Pass
		52	-6.20	-1.00	Pass
		106	-6.18	-1.00	Pass
		242	-6.15	-1.00	Pass
		484	-6.21	-1.00	Pass
		996	-8.57	-1.00	Pass

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U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	-2.28	-1.00	Pass
11ax (HE20) (SU)	CH45	-2.13	-1.00	Pass
11ax (HE20) (SU)	CH93	-1.94	-1.00	Pass
11ax (HE40) (SU)	CH3	-1.82	-1.00	Pass
11ax (HE40) (SU)	CH43	-2.84	-1.00	Pass
11ax (HE40) (SU)	CH91	-2.09	-1.00	Pass
11ax (HE80) (SU)	CH7	-2.27	-1.00	Pass
11ax (HE80) (SU)	CH39	-2.69	-1.00	Pass
11ax (HE80) (SU)	CH87	-1.96	-1.00	Pass
11ax (HE160) (SU)	CH15	-4.49	-1.00	Pass
11ax (HE160) (SU)	CH47	-5.28	-1.00	Pass
11ax (HE160) (SU)	CH79	-5.71	-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	-1.75	-1.00	Pass
		52	-1.89	-1.00	Pass
		106	-2.31	-1.00	Pass
	CH45	26	-3.06	-1.00	Pass
		52	-2.80	-1.00	Pass
		106	-2.81	-1.00	Pass
	CH93	26	-3.46	-1.00	Pass
		52	-4.33	-1.00	Pass
		106	-4.33	-1.00	Pass
11ax(HE40) (RU)	CH3	26	-2.43	-1.00	Pass
		52	-2.03	-1.00	Pass
		106	-2.16	-1.00	Pass
		242	-2.51	-1.00	Pass
	CH43	26	-3.06	-1.00	Pass
		52	-3.62	-1.00	Pass
		106	-3.57	-1.00	Pass
		242	-3.32	-1.00	Pass
	CH91	26	-2.17	-1.00	Pass
		52	-3.29	-1.00	Pass
		106	-3.44	-1.00	Pass
		242	-2.64	-1.00	Pass
11ax(HE80) (RU)	CH7	26	-2.72	-1.00	Pass
		52	-2.29	-1.00	Pass
		106	-2.46	-1.00	Pass

		242	-3.14	-1.00	Pass
		484	-2.88	-1.00	Pass
	CH39	26	-3.61	-1.00	Pass
		52	-3.24	-1.00	Pass
		106	-4.37	-1.00	Pass
		242	-3.02	-1.00	Pass
		484	-4.17	-1.00	Pass
	CH87	26	-2.36	-1.00	Pass
		52	-2.23	-1.00	Pass
		106	-2.14	-1.00	Pass
		242	-2.83	-1.00	Pass
		484	-1.90	-1.00	Pass
11ax(HE160) (RU)	CH15	26	-1.99	-1.00	Pass
		52	-2.75	-1.00	Pass
		106	-3.80	-1.00	Pass
		242	-2.43	-1.00	Pass
		484	-2.49	-1.00	Pass
		996	-2.45	-1.00	Pass
	CH47	26	-2.26	-1.00	Pass
		52	-2.02	-1.00	Pass
		106	-3.40	-1.00	Pass
		242	-2.73	-1.00	Pass
		484	-2.79	-1.00	Pass
		996	-2.85	-1.00	Pass
	CH79	26	-2.04	-1.00	Pass
		52	-2.66	-1.00	Pass
		106	-2.40	-1.00	Pass
		242	-2.09	-1.00	Pass
		484	-2.12	-1.00	Pass
		996	-2.47	-1.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	-3.88	-1.00	Pass
11ax (HE20) (SU)	CH105	-4.36	-1.00	Pass
11ax (HE20) (SU)	CH113	-4.31	-1.00	Pass
11ax (HE40) (SU)	CH99	-4.38	-1.00	Pass
11ax (HE40) (SU)	CH107	-4.05	-1.00	Pass
11ax (HE80) (SU)	CH103	-3.91	-1.00	Pass
11ax (HE80) (SU)	CH119	-3.93	-1.00	Pass
11ax (HE160) (SU)	CH111	-7.45	-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	-4.52	-1.00	Pass
		52	-4.28	-1.00	Pass
		106	-4.39	-1.00	Pass
	CH105	26	-5.27	-1.00	Pass
		52	-5.05	-1.00	Pass
		106	-4.05	-1.00	Pass
	CH113	26	-5.54	-1.00	Pass
		52	-5.31	-1.00	Pass
		106	-4.16	-1.00	Pass
11ax(HE40) (RU)	CH99	26	-4.29	-1.00	Pass
		52	-4.09	-1.00	Pass
		106	-4.17	-1.00	Pass
		242	-4.19	-1.00	Pass
	CH107	26	-4.55	-1.00	Pass
		52	-4.57	-1.00	Pass
		106	-4.38	-1.00	Pass
		242	-4.32	-1.00	Pass
11ax(HE80) (RU)	CH103	26	-4.30	-1.00	Pass
		52	-4.32	-1.00	Pass
		106	-4.08	-1.00	Pass
		242	-4.10	-1.00	Pass
		484	-4.15	-1.00	Pass
	CH119	26	-5.20	-1.00	Pass
		52	-5.15	-1.00	Pass
		106	-4.91	-1.00	Pass
		242	-4.58	-1.00	Pass
		484	-4.37	-1.00	Pass
11ax(HE160)	CH111	26	-4.08	-1.00	Pass

(RU)		52	-4.36	-1.00	Pass
		106	-3.79	-1.00	Pass
		242	-3.89	-1.00	Pass
		484	-3.79	-1.00	Pass
		996	-3.87	-1.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	-2.64	-1.00	Pass
11ax (HE20) (SU)	CH153	-2.67	-1.00	Pass
11ax (HE20) (SU)	CH181	-2.40	-1.00	Pass
11ax (HE40) (SU)	CH123	-2.33	-1.00	Pass
11ax (HE40) (SU)	CH147	-3.02	-1.00	Pass
11ax (HE40) (SU)	CH179	-2.15	-1.00	Pass
11ax (HE80) (SU)	CH135	-2.99	-1.00	Pass
11ax (HE80) (SU)	CH151	-2.64	-1.00	Pass
11ax (HE80) (SU)	CH167	-2.64	-1.00	Pass
11ax (HE160) (SU)	CH143	-5.44	-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	-2.56	-1.00	Pass
		52	-2.57	-1.00	Pass
		106	-2.34	-1.00	Pass
	CH153	26	-2.53	-1.00	Pass
		52	-2.39	-1.00	Pass
		106	-2.13	-1.00	Pass
	CH181	26	-3.08	-1.00	Pass
		52	-2.82	-1.00	Pass
		106	-2.52	-1.00	Pass
11ax(HE40) (RU)	CH123	26	-2.51	-1.00	Pass
		52	-2.31	-1.00	Pass
		106	-2.32	-1.00	Pass
		242	-2.86	-1.00	Pass
	CH147	26	-3.74	-1.00	Pass
		52	-3.53	-1.00	Pass
		106	-3.94	-1.00	Pass
		242	-3.79	-1.00	Pass
	CH179	26	-3.26	-1.00	Pass
		52	-2.87	-1.00	Pass
		106	-2.56	-1.00	Pass
		242	-2.43	-1.00	Pass
11ax(HE80) (RU)	CH135	26	-3.32	-1.00	Pass
		52	-3.09	-1.00	Pass
		106	-3.12	-1.00	Pass
		242	-3.79	-1.00	Pass
		484	-3.01	-1.00	Pass

	CH151	26	-2.86	-1.00	Pass
		52	-2.83	-1.00	Pass
		106	-3.64	-1.00	Pass
		242	-2.80	-1.00	Pass
		484	-2.98	-1.00	Pass
	CH167	26	-2.78	-1.00	Pass
		52	-2.53	-1.00	Pass
		106	-2.29	-1.00	Pass
		242	-2.91	-1.00	Pass
		484	-2.64	-1.00	Pass
11ax(HE160) (RU)	CH143	26	-2.18	-1.00	Pass
		52	-2.28	-1.00	Pass
		106	-2.40	-1.00	Pass
		242	-2.13	-1.00	Pass
		484	-2.33	-1.00	Pass
		996	-2.51	-1.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	-3.80	-1.00	Pass
11ax (HE20) (SU)	CH209	-3.74	-1.00	Pass
11ax (HE20) (SU)	CH229	-3.58	-1.00	Pass
11ax (HE40) (SU)	CH187	-3.28	-1.00	Pass
11ax (HE40) (SU)	CH211	-4.24	-1.00	Pass
11ax (HE40) (SU)	CH227	-3.10	-1.00	Pass
11ax (HE80) (SU)	CH183	-4.19	-1.00	Pass
11ax (HE80) (SU)	CH199	-3.11	-1.00	Pass
11ax (HE80) (SU)	CH215	-3.76	-1.00	Pass
11ax (HE160) (SU)	CH175	-6.80	-1.00	Pass
11ax (HE160) (SU)	CH207	-7.15	-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	-4.19	-1.00	Pass
		52	-3.73	-1.00	Pass
		106	-3.64	-1.00	Pass
	CH209	26	-4.00	-1.00	Pass
		52	-3.50	-1.00	Pass
		106	-3.34	-1.00	Pass
	CH229	26	-4.37	-1.00	Pass
		52	-3.88	-1.00	Pass
		106	-3.35	-1.00	Pass
11ax(HE40) (RU)	CH187	26	-4.41	-1.00	Pass
		52	-3.56	-1.00	Pass
		106	-3.76	-1.00	Pass
		242	-4.38	-1.00	Pass
	CH211	26	-3.19	-1.00	Pass
		52	-3.71	-1.00	Pass
		106	-4.25	-1.00	Pass
		242	-4.12	-1.00	Pass
	CH227	26	-3.23	-1.00	Pass
		52	-3.38	-1.00	Pass
		106	-3.70	-1.00	Pass
		242	-3.44	-1.00	Pass
11ax(HE80) (RU)	CH183	26	-3.73	-1.00	Pass
		52	-3.25	-1.00	Pass
		106	-3.34	-1.00	Pass
		242	-3.27	-1.00	Pass

		484	-3.10	-1.00	Pass
	CH199	26	-3.26	-1.00	Pass
		52	-3.80	-1.00	Pass
		106	-3.78	-1.00	Pass
		242	-3.42	-1.00	Pass
		484	-3.40	-1.00	Pass
	CH215	26	-3.51	-1.00	Pass
		52	-3.66	-1.00	Pass
		106	-3.49	-1.00	Pass
		242	-3.40	-1.00	Pass
		484	-3.10	-1.00	Pass
11ax(HE160) (RU)	CH175	26	-2.97	-1.00	Pass
		52	-3.41	-1.00	Pass
		106	-2.93	-1.00	Pass
		242	-3.45	-1.00	Pass
		484	-2.93	-1.00	Pass
		996	-3.06	-1.00	Pass
	CH207 CH175	26	-3.69	-1.00	Pass
		52	-3.25	-1.00	Pass
		106	-3.35	-1.00	Pass
		242	-3.33	-1.00	Pass
		484	-3.41	-1.00	Pass
		996	-4.72	-1.00	Pass

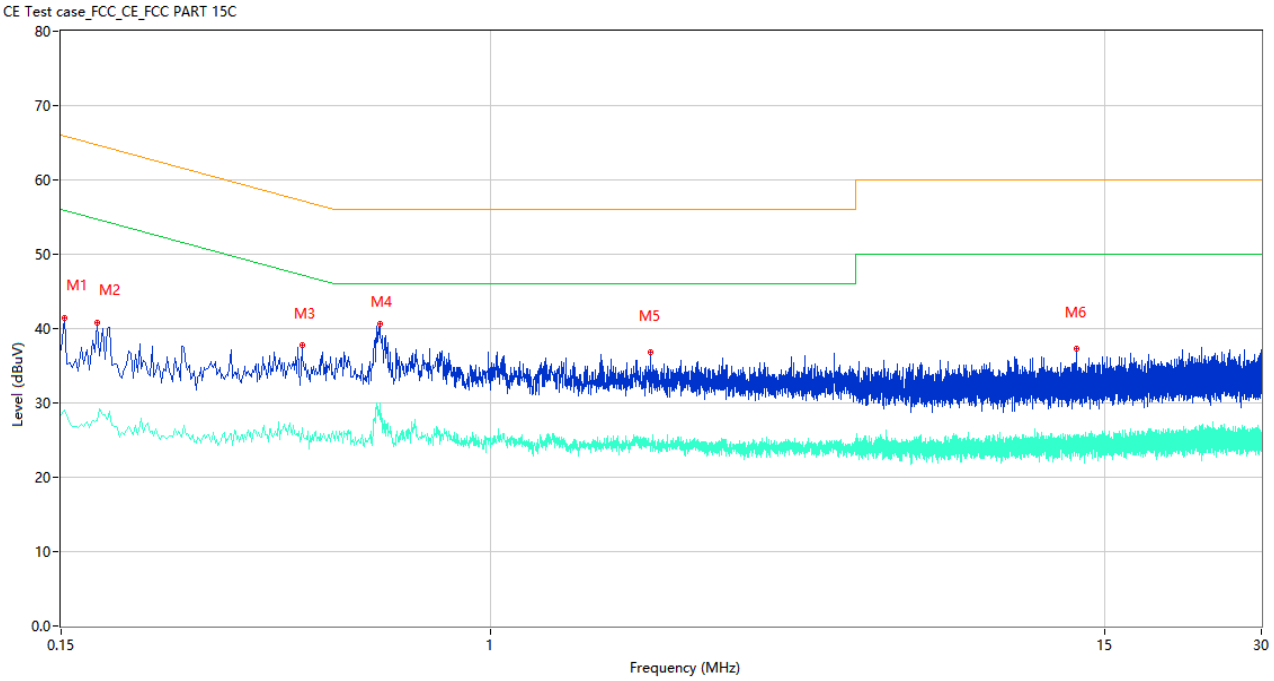
A.4 Conducted Emissions

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

Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

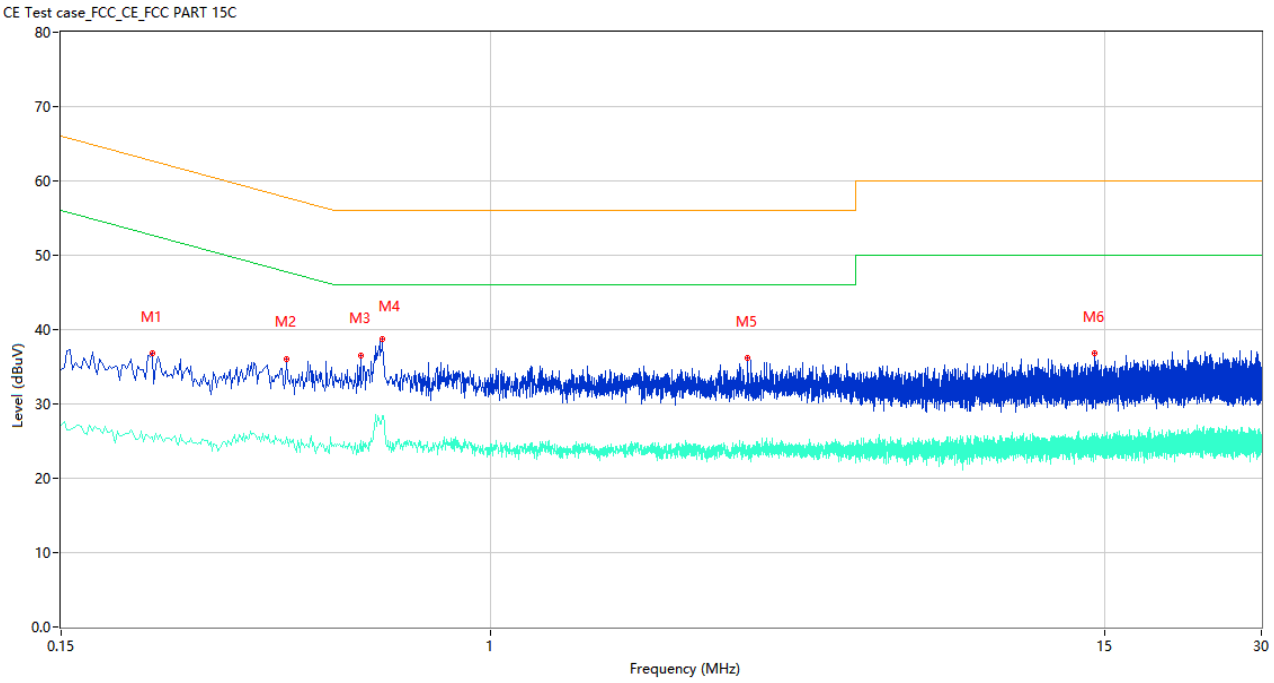
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	41.46	9.78	65.89	24.43	Peak	L	Pass
1**	0.152	29.10	9.78	55.89	26.79	AV	L	Pass
2	0.176	40.76	9.78	64.67	23.91	Peak	L	Pass
2**	0.176	27.69	9.78	54.67	26.98	AV	L	Pass
3	0.434	37.83	10.19	57.18	19.35	Peak	L	Pass
3**	0.434	26.71	10.19	47.18	20.47	AV	L	Pass
4	0.612	40.58	10.17	56.00	15.42	Peak	L	Pass
4**	0.612	27.83	10.17	46.00	18.17	AV	L	Pass
5	2.024	36.79	10.36	56.00	19.21	Peak	L	Pass
5**	2.024	24.21	10.36	46.00	21.79	AV	L	Pass
6	13.294	37.24	10.67	60.00	22.76	Peak	L	Pass
6**	13.294	25.79	10.67	50.00	24.21	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.224	36.75	9.77	62.67	25.92	Peak	N	Pass
1**	0.224	25.56	9.77	52.67	27.11	AV	N	Pass
2	0.406	36.05	10.49	57.73	21.68	Peak	N	Pass
2**	0.406	25.60	10.49	47.73	22.13	AV	N	Pass
3	0.562	36.46	10.06	56.00	19.54	Peak	N	Pass
3**	0.562	25.14	10.06	46.00	20.86	AV	N	Pass
4	0.620	38.74	10.18	56.00	17.26	Peak	N	Pass
4**	0.620	28.12	10.18	46.00	17.88	AV	N	Pass
5	3.106	36.12	9.87	56.00	19.88	Peak	N	Pass
5**	3.106	23.76	9.87	46.00	22.24	AV	N	Pass
6	14.368	36.78	10.67	60.00	23.22	Peak	N	Pass
6**	14.368	24.55	10.67	50.00	25.45	AV	N	Pass

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

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.

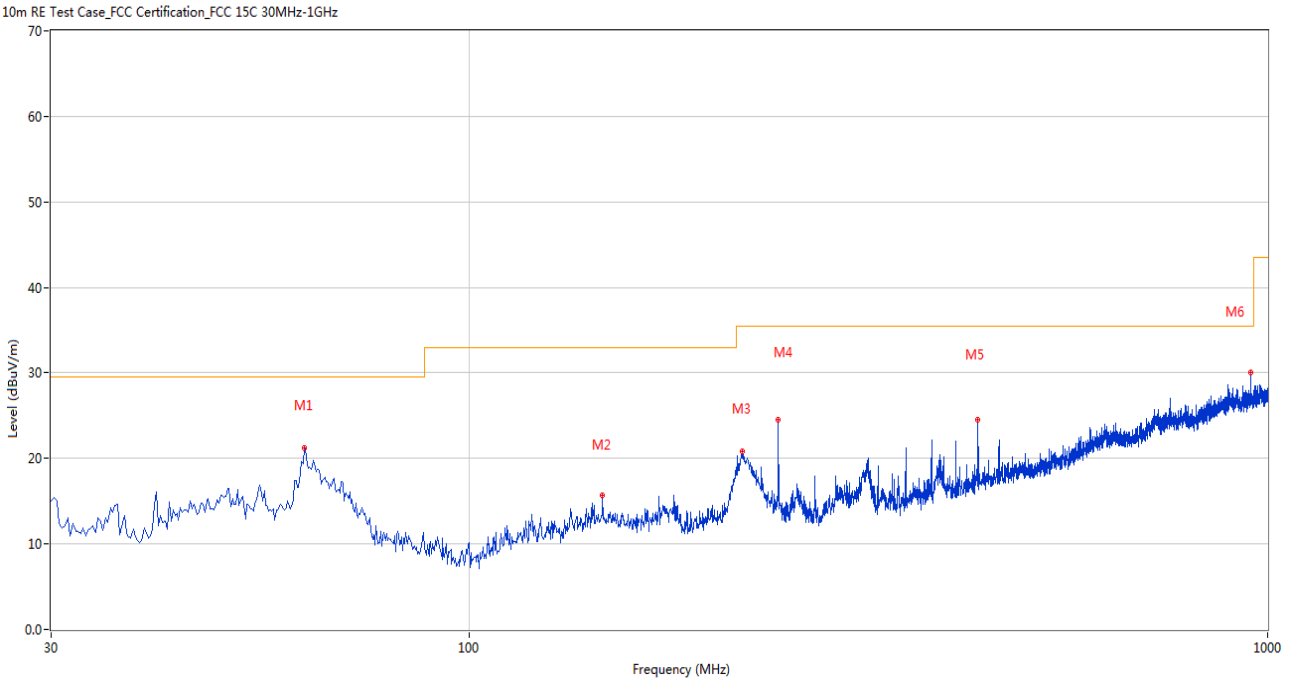
Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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.

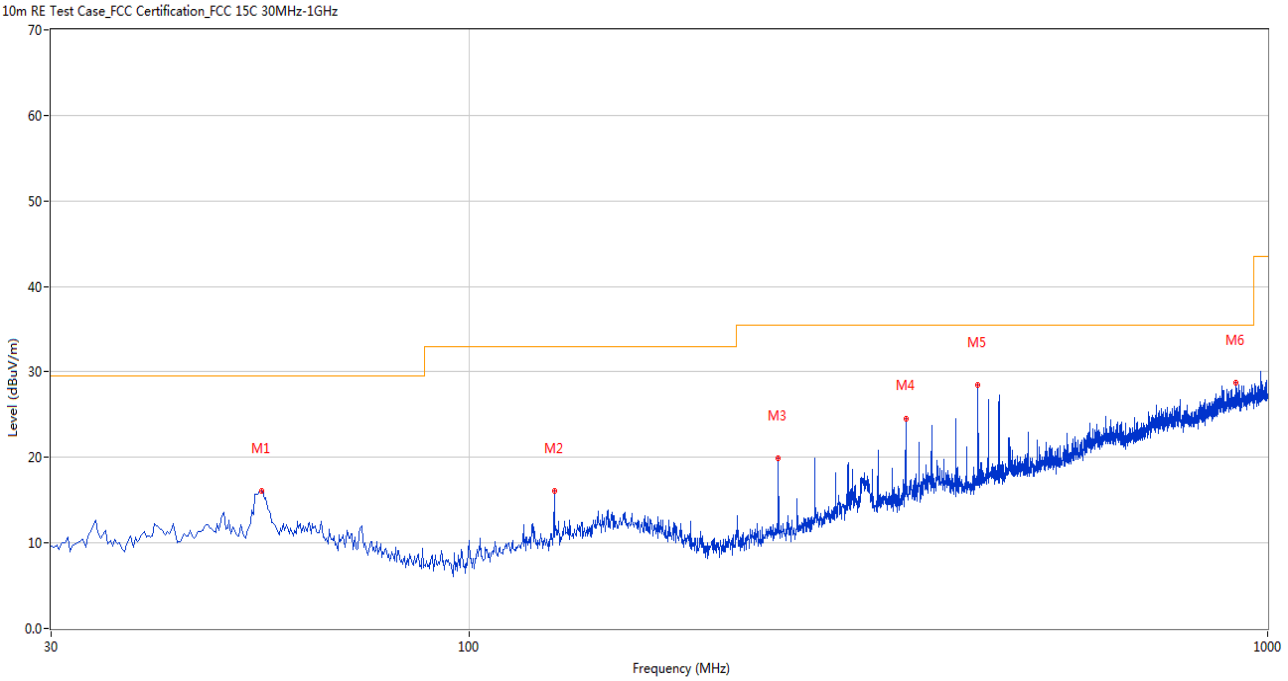
Test Data and Plots

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	62.244	21.18	-26.92	29.5	8.32	Peak	81.00	100	Vertical	Pass
2	147.098	15.66	-25.56	33.0	17.34	Peak	280.00	100	Vertical	Pass
3	219.830	20.84	-28.89	35.5	14.66	Peak	26.00	100	Vertical	Pass
4	244.074	24.49	-27.01	35.5	11.01	Peak	207.00	200	Vertical	Pass
5	433.904	24.47	-20.93	35.5	11.03	Peak	360.00	200	Vertical	Pass
6	951.997	30.05	-10.46	35.5	5.45	Peak	360.00	200	Vertical	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	54.971	16.14	-26.13	29.5	13.36	Peak	245.00	200	Horizontal	Pass
2	127.946	16.13	-27.27	33.0	16.87	Peak	230.00	100	Horizontal	Pass
3	244.074	19.93	-27.01	35.5	15.57	Peak	360.00	200	Horizontal	Pass
4	352.444	24.56	-23.86	35.5	10.94	Peak	301.00	200	Horizontal	Pass
5	433.904	28.52	-20.93	35.5	6.98	Peak	319.00	200	Horizontal	Pass
6	912.479	28.76	-10.61	35.5	6.74	Peak	125.00	100	Horizontal	Pass

Note 1: The spurious from 18GHz to 40GHz is noise only, do not show on the report.

Note 2: All the configurations were pre-tested, only the worst configuration has been reported in this report.

MIMO

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2054.100	40.70	-14.10	88.2	47.50	Peak	152.00	400	Horizontal	Pass
1**	2054.100	31.88	-14.10	68.2	36.32	AV	152.00	400	Horizontal	Pass
2	4873.500	49.08	-3.51	74.0	24.92	Peak	324.00	300	Horizontal	Pass
2**	4873.500	40.15	-3.51	54.0	13.85	AV	324.00	300	Horizontal	Pass
3	6026.000	105.00	-2.03	--	--	Peak	143.00	200	Horizontal	N/A
3**	6026.000	93.64	-2.03	--	--	AV	143.00	200	Horizontal	N/A
4	7334.500	53.67	0.02	74.0	20.33	Peak	0.00	100	Horizontal	Pass
4**	7334.500	43.78	0.02	54.0	10.22	AV	0.00	100	Horizontal	Pass
5	14460.975	54.48	3.15	88.2	33.72	Peak	360.00	300	Horizontal	Pass
5**	14460.975	46.47	3.15	68.2	21.73	AV	360.00	300	Horizontal	Pass
6	17127.187	55.25	3.27	88.2	32.95	Peak	4.00	100	Horizontal	Pass
6**	17127.187	46.05	3.27	68.2	22.15	AV	4.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1661.500	43.17	-17.40	74.0	30.83	Peak	260.00	100	Vertical	Pass
1**	1661.500	29.46	-17.40	54.0	24.54	AV	260.00	100	Vertical	Pass
2	2657.100	54.01	-10.56	88.2	34.19	Peak	260.00	300	Vertical	Pass
2**	2657.100	39.12	-10.56	68.2	29.08	AV	260.00	300	Vertical	Pass
3	6020.750	94.44	-1.94	--	--	Peak	326.00	150	Vertical	N/A
3**	6020.750	86.83	-1.94	--	--	AV	326.00	150	Vertical	N/A
4	7964.250	53.97	2.13	88.2	34.23	Peak	4.00	100	Vertical	Pass
4**	7964.250	44.37	2.13	68.2	23.83	AV	4.00	100	Vertical	Pass
5	14444.438	55.02	3.28	88.2	33.18	Peak	36.00	100	Vertical	Pass
5**	14444.438	46.08	3.28	68.2	22.12	AV	36.00	100	Vertical	Pass
6	17007.750	55.07	1.87	88.2	33.13	Peak	121.00	300	Vertical	Pass
6**	17007.750	46.15	1.87	68.2	22.05	AV	121.00	300	Vertical	Pass

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	1974.400	40.87	-15.06	88.2	47.33	Peak	172.00	400	Horizontal	Pass
1**	1974.400	30.97	-15.06	68.2	37.23	AV	172.00	400	Horizontal	Pass
2	4776.000	48.88	-4.01	74.0	25.12	Peak	360.00	300	Horizontal	Pass
2**	4776.000	39.12	-4.01	54.0	14.88	AV	360.00	300	Horizontal	Pass
3	6173.250	105.49	-1.29	--	--	Peak	0.00	100	Horizontal	N/A
3**	6173.250	95.57	-1.29	--	--	AV	0.00	100	Horizontal	N/A
4	7931.750	53.87	2.05	88.2	34.33	Peak	304.00	100	Horizontal	Pass
4**	7931.750	44.56	2.05	68.2	23.64	AV	304.00	100	Horizontal	Pass
5	14465.438	55.04	3.02	88.2	33.16	Peak	283.00	100	Horizontal	Pass
5**	14465.438	45.63	3.02	68.2	22.57	AV	283.00	100	Horizontal	Pass
6	16970.474	55.26	2.85	88.2	32.94	Peak	268.00	300	Horizontal	Pass
6**	16970.474	45.29	2.85	68.2	22.91	AV	268.00	300	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	1661.500	44.48	-17.40	74.0	29.52	Peak	255.00	100	Vertical	Pass
1**	1661.500	30.01	-17.40	54.0	23.99	AV	255.00	100	Vertical	Pass
2	2663.300	51.13	-10.36	88.2	37.07	Peak	89.00	200	Vertical	Pass
2**	2663.300	40.43	-10.36	68.2	27.77	AV	89.00	200	Vertical	Pass
3	6169.500	95.28	-1.26	--	--	Peak	344.00	200	Vertical	N/A
3**	6169.500	85.71	-1.26	--	--	AV	344.00	200	Vertical	N/A
4	7964.750	53.61	2.17	88.2	34.59	Peak	360.00	200	Vertical	Pass
4**	7964.750	44.99	2.17	68.2	23.21	AV	360.00	200	Vertical	Pass
5	14453.625	54.97	3.35	88.2	33.23	Peak	24.00	400	Vertical	Pass
5**	14453.625	45.73	3.35	68.2	22.47	AV	24.00	400	Vertical	Pass
6	16972.575	55.30	2.79	88.2	32.90	Peak	319.00	200	Vertical	Pass
6**	16972.575	45.71	2.79	68.2	22.49	AV	319.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	41.88	-16.87	74.0	32.12	Peak	73.00	100	Horizontal	Pass
1**	1329.400	28.36	-16.87	54.0	25.64	AV	73.00	100	Horizontal	Pass
2	4856.750	49.39	-3.58	74.0	24.61	Peak	0.00	300	Horizontal	Pass
2**	4856.750	40.04	-3.58	54.0	13.96	AV	0.00	300	Horizontal	Pass
3	6413.750	102.18	-0.96	--	--	Peak	16.00	100	Horizontal	N/A
3**	6413.750	94.48	-0.96	--	--	AV	16.00	100	Horizontal	N/A
4	7878.000	53.67	1.73	88.2	34.53	Peak	57.00	200	Horizontal	Pass
4**	7878.000	43.70	1.73	68.2	24.50	AV	57.00	200	Horizontal	Pass
5	14444.438	54.93	3.28	88.2	33.27	Peak	263.00	100	Horizontal	Pass
5**	14444.438	45.75	3.28	68.2	22.45	AV	263.00	100	Horizontal	Pass
6	17121.412	55.40	3.18	88.2	32.80	Peak	179.00	400	Horizontal	Pass
6**	17121.412	46.42	3.18	68.2	21.78	AV	179.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1710.900	44.25	-16.69	88.2	43.95	Peak	249.00	400	Vertical	Pass
1**	1710.900	30.66	-16.69	68.2	37.54	AV	249.00	400	Vertical	Pass
2	2663.700	52.41	-10.61	88.2	35.79	Peak	258.00	300	Vertical	Pass
2**	2663.700	38.12	-10.61	68.2	30.08	AV	258.00	300	Vertical	Pass
3	6413.500	96.29	-1.04	--	--	Peak	359.00	100	Vertical	N/A
3**	6413.500	89.24	-1.04	--	--	AV	359.00	100	Vertical	N/A
4	7606.500	53.33	0.57	74.0	20.67	Peak	97.00	100	Vertical	Pass
4**	7606.500	44.36	0.57	54.0	9.64	AV	97.00	100	Vertical	Pass
5	14443.125	55.49	3.24	88.2	32.71	Peak	41.00	100	Vertical	Pass
5**	14443.125	46.19	3.24	68.2	22.01	AV	41.00	100	Vertical	Pass
6	16984.387	55.02	2.43	88.2	33.18	Peak	11.00	100	Vertical	Pass
6**	16984.387	45.32	2.43	68.2	22.88	AV	11.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2048.000	41.23	-14.09	88.2	46.97	Peak	128.00	100	Horizontal	Pass
1**	2048.000	31.55	-14.09	68.2	36.65	AV	128.00	100	Horizontal	Pass
2	4875.000	49.08	-3.51	74.0	24.92	Peak	138.00	200	Horizontal	Pass
2**	4875.000	39.96	-3.51	54.0	14.04	AV	138.00	200	Horizontal	Pass
3	5963.000	103.76	-2.25	--	--	Peak	360.00	150	Horizontal	N/A
3**	5963.000	95.05	-2.25	--	--	AV	360.00	150	Horizontal	N/A
4	7360.000	53.15	0.78	74.0	20.85	Peak	339.00	100	Horizontal	Pass
4**	7360.000	44.29	0.78	54.0	9.71	AV	339.00	100	Horizontal	Pass
5	14457.037	54.36	3.25	88.2	33.84	Peak	79.00	400	Horizontal	Pass
5**	14457.037	45.58	3.25	68.2	22.62	AV	79.00	400	Horizontal	Pass
6	17631.187	55.34	4.47	88.2	32.86	Peak	140.00	200	Horizontal	Pass
6**	17631.187	45.52	4.47	68.2	22.68	AV	140.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1905.800	42.86	-15.76	88.2	45.34	Peak	292.00	100	Vertical	Pass
1**	1905.800	31.24	-15.76	68.2	36.96	AV	292.00	100	Vertical	Pass
2	2657.300	53.45	-10.72	88.2	34.75	Peak	256.00	200	Vertical	Pass
2**	2657.300	39.20	-10.72	68.2	29.00	AV	256.00	200	Vertical	Pass
3	5961.000	97.30	-2.47	--	--	Peak	358.00	200	Vertical	N/A
3**	5961.000	88.87	-2.47	--	--	AV	358.00	200	Vertical	N/A
4	7931.500	53.69	2.30	88.2	34.51	Peak	136.00	200	Vertical	Pass
4**	7931.500	44.10	2.30	68.2	24.10	AV	136.00	200	Vertical	Pass
5	13731.225	54.68	3.09	88.2	33.52	Peak	233.00	300	Vertical	Pass
5**	13731.225	46.06	3.09	68.2	22.14	AV	233.00	300	Vertical	Pass
6	16858.912	54.99	3.41	88.2	33.21	Peak	56.00	100	Vertical	Pass
6**	16858.912	46.22	3.41	68.2	21.98	AV	56.00	100	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	2045.300	41.61	-14.16	88.2	46.59	Peak	337.00	200	Horizontal	Pass
1**	2045.300	32.04	-14.16	68.2	36.16	AV	337.00	200	Horizontal	Pass
2	4886.750	49.31	-3.76	74.0	24.69	Peak	319.00	300	Horizontal	Pass
2**	4886.750	39.97	-3.76	54.0	14.03	AV	319.00	300	Horizontal	Pass
3	6161.500	103.68	-1.34	--	--	Peak	36.00	200	Horizontal	N/A
3**	6161.500	94.27	-1.34	--	--	AV	36.00	200	Horizontal	N/A
4	7361.000	53.31	0.77	74.0	20.69	Peak	258.00	300	Horizontal	Pass
4**	7361.000	42.62	0.77	54.0	11.38	AV	258.00	300	Horizontal	Pass
5	14452.838	54.71	3.37	88.2	33.49	Peak	359.00	200	Horizontal	Pass
5**	14452.838	46.17	3.37	68.2	22.03	AV	359.00	200	Horizontal	Pass
6	17003.551	54.97	1.92	88.2	33.23	Peak	118.00	300	Horizontal	Pass
6**	17003.551	46.23	1.92	68.2	21.97	AV	118.00	300	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	2050.900	41.00	-14.29	88.2	47.20	Peak	1.00	200	Vertical	Pass
1**	2050.900	32.09	-14.29	68.2	36.11	AV	1.00	200	Vertical	Pass
2	2664.700	49.76	-10.33	88.2	38.44	Peak	337.00	300	Vertical	Pass
2**	2664.700	36.93	-10.33	68.2	31.27	AV	337.00	300	Vertical	Pass
3	6162.750	102.94	-1.36	--	--	Peak	16.00	100	Vertical	N/A
3**	6162.750	94.50	-1.36	--	--	AV	16.00	100	Vertical	N/A
4	7617.000	53.18	0.35	74.0	20.82	Peak	218.00	100	Vertical	Pass
4**	7617.000	43.47	0.35	54.0	10.53	AV	218.00	100	Vertical	Pass
5	14465.175	54.39	3.03	88.2	33.81	Peak	0.00	300	Vertical	Pass
5**	14465.175	46.19	3.03	68.2	22.01	AV	0.00	300	Vertical	Pass
6	16979.926	55.18	2.56	88.2	33.02	Peak	133.00	300	Vertical	Pass
6**	16979.926	45.37	2.56	68.2	22.83	AV	133.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2063.100	41.69	-13.96	88.2	46.51	Peak	137.00	100	Horizontal	Pass
1**	2063.100	32.59	-13.96	68.2	35.61	AV	137.00	100	Horizontal	Pass
2	4844.500	49.50	-3.74	74.0	24.50	Peak	299.00	400	Horizontal	Pass
2**	4844.500	40.07	-3.74	54.0	13.93	AV	299.00	400	Horizontal	Pass
3	6412.500	103.30	-1.17	--	--	Peak	36.00	200	Horizontal	N/A
3**	6412.500	94.18	-1.17	--	--	AV	36.00	200	Horizontal	N/A
4	7972.250	53.72	1.23	88.2	34.48	Peak	77.00	100	Horizontal	Pass
4**	7972.250	44.36	1.23	68.2	23.84	AV	77.00	100	Horizontal	Pass
5	14446.276	55.29	3.33	88.2	32.91	Peak	232.00	100	Horizontal	Pass
5**	14446.276	46.33	3.33	68.2	21.87	AV	232.00	100	Horizontal	Pass
6	16982.025	55.26	2.50	88.2	32.94	Peak	109.00	400	Horizontal	Pass
6**	16982.025	45.66	2.50	68.2	22.54	AV	109.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1903.800	43.27	-15.85	88.2	44.93	Peak	101.00	300	Vertical	Pass
1**	1903.800	33.18	-15.85	68.2	35.02	AV	101.00	300	Vertical	Pass
2	2663.200	55.63	-10.36	88.2	32.57	Peak	83.00	400	Vertical	Pass
2**	2663.200	41.21	-10.36	68.2	26.99	AV	83.00	400	Vertical	Pass
3	6401.000	96.71	-1.83	--	--	Peak	360.00	200	Vertical	N/A
3**	6401.000	88.60	-1.83	--	--	AV	360.00	200	Vertical	N/A
4	7938.500	53.25	2.29	88.2	34.95	Peak	116.00	200	Vertical	Pass
4**	7938.500	43.22	2.29	68.2	24.98	AV	116.00	200	Vertical	Pass
5	14426.849	55.00	2.74	88.2	33.20	Peak	0.00	300	Vertical	Pass
5**	14426.849	46.03	2.74	68.2	22.17	AV	0.00	300	Vertical	Pass
6	17014.313	55.40	1.80	88.2	32.80	Peak	87.00	100	Vertical	Pass
6**	17014.313	46.18	1.80	68.2	22.02	AV	87.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1904.800	42.62	-15.82	88.2	45.58	Peak	292.00	200	Horizontal	Pass
1**	1904.800	32.48	-15.82	68.2	35.72	AV	292.00	200	Horizontal	Pass
2	2663.700	50.36	-10.61	88.2	37.84	Peak	282.00	100	Horizontal	Pass
2**	2663.700	38.03	-10.61	68.2	30.17	AV	282.00	100	Horizontal	Pass
3	5983.000	103.35	-1.64	--	--	Peak	16.00	200	Horizontal	N/A
3**	5983.000	96.00	-1.64	--	--	AV	16.00	200	Horizontal	N/A
4	7370.000	52.96	1.11	74.0	21.04	Peak	218.00	200	Horizontal	Pass
4**	7370.000	43.59	1.11	54.0	10.41	AV	218.00	200	Horizontal	Pass
5	14440.762	54.51	3.17	88.2	33.69	Peak	26.00	400	Horizontal	Pass
5**	14440.762	46.14	3.17	68.2	22.06	AV	26.00	400	Horizontal	Pass
6	16975.199	56.08	2.71	88.2	32.12	Peak	235.00	100	Horizontal	Pass
6**	16975.199	45.98	2.71	68.2	22.22	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1908.700	42.87	-15.95	88.2	45.33	Peak	283.00	400	Vertical	Pass
1**	1908.700	30.89	-15.95	68.2	37.31	AV	283.00	400	Vertical	Pass
2	2666.400	53.94	-10.07	88.2	34.26	Peak	265.00	400	Vertical	Pass
2**	2666.400	41.49	-10.07	68.2	26.71	AV	265.00	400	Vertical	Pass
3	5981.000	97.30	-1.81	--	--	Peak	341.00	200	Vertical	N/A
3**	5981.000	89.14	-1.81	--	--	AV	341.00	200	Vertical	N/A
4	7975.750	53.10	1.45	88.2	35.10	Peak	16.00	100	Vertical	Pass
4**	7975.750	44.14	1.45	68.2	24.06	AV	16.00	100	Vertical	Pass
5	14442.338	54.67	3.21	88.2	33.53	Peak	0.00	300	Vertical	Pass
5**	14442.338	45.83	3.21	68.2	22.37	AV	0.00	300	Vertical	Pass
6	17633.550	54.95	4.49	88.2	33.25	Peak	324.00	200	Vertical	Pass
6**	17633.550	46.05	4.49	68.2	22.15	AV	324.00	200	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	1829.900	41.33	-16.57	88.2	46.87	Peak	360.00	400	Horizontal	Pass
1**	1829.900	31.58	-16.57	68.2	36.62	AV	360.00	400	Horizontal	Pass
2	4742.750	49.64	-3.19	74.0	24.36	Peak	360.00	200	Horizontal	Pass
2**	4742.750	39.61	-3.19	54.0	14.39	AV	360.00	200	Horizontal	Pass
3	6143.250	103.53	-1.73	--	--	Peak	36.00	100	Horizontal	N/A
3**	6143.250	96.48	-1.73	--	--	AV	36.00	100	Horizontal	N/A
4	7600.500	53.47	0.91	74.0	20.53	Peak	319.00	300	Horizontal	Pass
4**	7600.500	44.28	0.91	54.0	9.72	AV	319.00	300	Horizontal	Pass
5	14450.213	55.08	3.44	88.2	33.12	Peak	157.00	200	Horizontal	Pass
5**	14450.213	46.14	3.44	68.2	22.06	AV	157.00	200	Horizontal	Pass
6	17664.526	55.08	4.77	88.2	33.12	Peak	0.00	400	Horizontal	Pass
6**	17664.526	45.55	4.77	68.2	22.65	AV	0.00	400	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	1902.200	44.05	-15.90	88.2	44.15	Peak	91.00	400	Vertical	Pass
1**	1902.200	30.21	-15.90	68.2	37.99	AV	91.00	400	Vertical	Pass
2	2665.100	52.66	-10.34	88.2	35.54	Peak	156.00	300	Vertical	Pass
2**	2665.100	41.71	-10.34	68.2	26.49	AV	156.00	300	Vertical	Pass
3	6148.000	98.65	-1.73	--	--	Peak	360.00	200	Vertical	N/A
3**	6148.000	86.91	-1.73	--	--	AV	360.00	200	Vertical	N/A
4	7964.750	53.11	2.17	88.2	35.09	Peak	340.00	400	Vertical	Pass
4**	7964.750	45.41	2.17	68.2	22.79	AV	340.00	400	Vertical	Pass
5	14425.012	55.19	2.69	88.2	33.01	Peak	26.00	200	Vertical	Pass
5**	14425.012	45.29	2.69	68.2	22.91	AV	26.00	200	Vertical	Pass
6	17114.324	55.36	3.05	88.2	32.84	Peak	355.00	300	Vertical	Pass
6**	17114.324	45.78	3.05	68.2	22.42	AV	355.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2034.000	40.81	-14.60	88.2	47.39	Peak	5.00	400	Horizontal	Pass
1**	2034.000	31.16	-14.60	68.2	37.04	AV	5.00	400	Horizontal	Pass
2	4870.750	49.50	-3.46	74.0	24.50	Peak	320.00	100	Horizontal	Pass
2**	4870.750	40.41	-3.46	54.0	13.59	AV	320.00	100	Horizontal	Pass
3	6381.750	105.82	-1.91	--	--	Peak	360.00	150	Horizontal	N/A
3**	6381.750	97.51	-1.91	--	--	AV	360.00	150	Horizontal	N/A
4	7885.250	53.20	1.71	88.2	35.00	Peak	259.00	200	Horizontal	Pass
4**	7885.250	43.59	1.71	68.2	24.61	AV	259.00	200	Horizontal	Pass
5	13060.537	54.89	2.35	88.2	33.31	Peak	181.00	400	Horizontal	Pass
5**	13060.537	44.91	2.35	68.2	23.29	AV	181.00	400	Horizontal	Pass
6	17119.574	55.31	3.14	88.2	32.89	Peak	157.00	300	Horizontal	Pass
6**	17119.574	46.94	3.14	68.2	21.26	AV	157.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1902.700	43.50	-15.77	88.2	44.70	Peak	98.00	300	Vertical	Pass
1**	1902.700	30.91	-15.77	68.2	37.29	AV	98.00	300	Vertical	Pass
2	2663.900	52.24	-10.52	88.2	35.96	Peak	256.00	400	Vertical	Pass
2**	2663.900	40.66	-10.52	68.2	27.54	AV	256.00	400	Vertical	Pass
3	6380.000	100.42	-2.07	--	--	Peak	0.00	200	Vertical	N/A
3**	6380.000	90.23	-2.07	--	--	AV	0.00	200	Vertical	N/A
4	7976.250	53.46	1.62	88.2	34.74	Peak	340.00	200	Vertical	Pass
4**	7976.250	44.14	1.62	68.2	24.06	AV	340.00	200	Vertical	Pass
5	14451.262	54.83	3.41	88.2	33.37	Peak	357.00	400	Vertical	Pass
5**	14451.262	46.02	3.41	68.2	22.18	AV	357.00	400	Vertical	Pass
6	17038.463	55.17	1.53	88.2	33.03	Peak	19.00	300	Vertical	Pass
6**	17038.463	46.43	1.53	68.2	21.77	AV	19.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2065.700	41.12	-13.93	88.2	47.08	Peak	205.00	300	Horizontal	Pass
1**	2065.700	32.17	-13.93	68.2	36.03	AV	205.00	300	Horizontal	Pass
2	4865.500	49.62	-3.94	74.0	24.38	Peak	282.00	400	Horizontal	Pass
2**	4865.500	39.69	-3.94	54.0	14.31	AV	282.00	400	Horizontal	Pass
3	6032.000	101.41	-2.36	--	--	Peak	38.00	150	Horizontal	N/A
3**	6032.000	92.95	-2.36	--	--	AV	38.00	150	Horizontal	N/A
4	7932.000	53.07	2.16	88.2	35.13	Peak	59.00	400	Horizontal	Pass
4**	7932.000	43.73	2.16	68.2	24.47	AV	59.00	400	Horizontal	Pass
5	14448.638	55.74	3.41	88.2	32.46	Peak	276.00	100	Horizontal	Pass
5**	14448.638	46.12	3.41	68.2	22.08	AV	276.00	100	Horizontal	Pass
6	17000.662	54.96	1.95	88.2	33.24	Peak	283.00	200	Horizontal	Pass
6**	17000.662	46.26	1.95	68.2	21.94	AV	283.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1902.800	44.07	-15.71	88.2	44.13	Peak	91.00	300	Vertical	Pass
1**	1902.800	34.37	-15.71	68.2	33.83	AV	91.00	300	Vertical	Pass
2	2662.900	50.47	-10.56	88.2	37.73	Peak	91.00	400	Vertical	Pass
2**	2662.900	40.12	-10.56	68.2	28.08	AV	91.00	400	Vertical	Pass
3	6020.750	98.02	-1.94	--	--	Peak	357.00	100	Vertical	N/A
3**	6020.750	88.71	-1.94	--	--	AV	357.00	100	Vertical	N/A
4	7965.000	53.18	2.12	88.2	35.02	Peak	165.00	200	Vertical	Pass
4**	7965.000	44.65	2.12	68.2	23.55	AV	165.00	200	Vertical	Pass
5	13700.513	55.18	3.50	88.2	33.02	Peak	245.00	300	Vertical	Pass
5**	13700.513	43.74	3.50	68.2	24.46	AV	245.00	300	Vertical	Pass
6	16991.475	55.15	2.22	88.2	33.05	Peak	152.00	100	Vertical	Pass
6**	16991.475	45.61	2.22	68.2	22.59	AV	152.00	100	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	2053.800	41.41	-14.03	88.2	46.79	Peak	234.00	400	Horizontal	Pass
1**	2053.800	32.17	-14.03	68.2	36.03	AV	234.00	400	Horizontal	Pass
2	4875.250	49.52	-3.55	74.0	24.48	Peak	77.00	400	Horizontal	Pass
2**	4875.250	40.12	-3.55	54.0	13.88	AV	77.00	400	Horizontal	Pass
3	6183.000	105.66	-1.34	--	--	Peak	36.00	100	Horizontal	N/A
3**	6183.000	97.79	-1.34	--	--	AV	36.00	100	Horizontal	N/A
4	7970.750	53.13	1.84	88.2	35.07	Peak	36.00	100	Horizontal	Pass
4**	7970.750	44.91	1.84	68.2	23.29	AV	36.00	100	Horizontal	Pass
5	14455.463	54.97	3.30	88.2	33.23	Peak	253.00	300	Horizontal	Pass
5**	14455.463	46.63	3.30	68.2	21.57	AV	253.00	300	Horizontal	Pass
6	17038.199	55.31	1.53	88.2	32.89	Peak	9.00	200	Horizontal	Pass
6**	17038.199	45.91	1.53	68.2	22.29	AV	9.00	200	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	1904.100	43.56	-16.02	88.2	44.64	Peak	68.00	300	Vertical	Pass
1**	1904.100	30.94	-16.02	68.2	37.26	AV	68.00	300	Vertical	Pass
2	2658.600	51.27	-10.70	88.2	36.93	Peak	85.00	200	Vertical	Pass
2**	2658.600	39.57	-10.70	68.2	28.63	AV	85.00	200	Vertical	Pass
3	6179.750	100.64	-1.31	--	--	Peak	360.00	150	Vertical	N/A
3**	6179.750	90.35	-1.31	--	--	AV	360.00	150	Vertical	N/A
4	7709.500	53.32	1.88	74.0	20.68	Peak	260.00	200	Vertical	Pass
4**	7709.500	43.72	1.88	54.0	10.28	AV	260.00	200	Vertical	Pass
5	14462.812	55.40	3.09	88.2	32.80	Peak	343.00	300	Vertical	Pass
5**	14462.812	46.31	3.09	68.2	21.89	AV	343.00	300	Vertical	Pass
6	16868.625	55.43	3.25	88.2	32.77	Peak	104.00	300	Vertical	Pass
6**	16868.625	45.90	3.25	68.2	22.30	AV	104.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2061.900	41.25	-13.87	88.2	46.95	Peak	217.00	400	Horizontal	Pass
1**	2061.900	31.82	-13.87	68.2	36.38	AV	217.00	400	Horizontal	Pass
2	4815.500	49.67	-3.32	74.0	24.33	Peak	245.00	200	Horizontal	Pass
2**	4815.500	40.20	-3.32	54.0	13.80	AV	245.00	200	Horizontal	Pass
3	6343.250	103.23	-1.70	--	--	Peak	36.00	100	Horizontal	N/A
3**	6343.250	93.75	-1.70	--	--	AV	36.00	100	Horizontal	N/A
4	7976.250	53.35	1.62	88.2	34.85	Peak	36.00	300	Horizontal	Pass
4**	7976.250	44.06	1.62	68.2	24.14	AV	36.00	300	Horizontal	Pass
5	14399.287	54.75	1.92	88.2	33.45	Peak	28.00	200	Horizontal	Pass
5**	14399.287	44.97	1.92	68.2	23.23	AV	28.00	200	Horizontal	Pass
6	17094.375	55.29	2.65	88.2	32.91	Peak	182.00	100	Horizontal	Pass
6**	17094.375	45.25	2.65	68.2	22.95	AV	182.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1706.000	42.90	-17.08	74.0	31.10	Peak	245.00	400	Vertical	Pass
1**	1706.000	33.17	-17.08	54.0	20.83	AV	245.00	400	Vertical	Pass
2	2657.700	50.61	-10.72	88.2	37.59	Peak	90.00	400	Vertical	Pass
2**	2657.700	43.22	-10.72	68.2	24.98	AV	90.00	400	Vertical	Pass
3	6341.250	95.78	-1.72	--	--	Peak	360.00	150	Vertical	N/A
3**	6341.250	87.23	-1.72	--	--	AV	360.00	150	Vertical	N/A
4	7964.750	53.08	2.17	88.2	35.12	Peak	167.00	200	Vertical	Pass
4**	7964.750	44.78	2.17	68.2	23.42	AV	167.00	200	Vertical	Pass
5	14459.924	54.52	3.17	88.2	33.68	Peak	313.00	200	Vertical	Pass
5**	14459.924	45.81	3.17	68.2	22.39	AV	313.00	200	Vertical	Pass
6	17124.301	55.46	3.22	88.2	32.74	Peak	65.00	200	Vertical	Pass
6**	17124.301	45.40	3.22	68.2	22.80	AV	65.00	200	Vertical	Pass

11ax20 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2013.300	41.09	-14.66	88.2	47.11	Peak	150.00	200	Horizontal	Pass
1**	2013.300	31.02	-14.66	68.2	37.18	AV	150.00	200	Horizontal	Pass
2	4823.500	50.08	-3.66	74.0	23.92	Peak	242.00	200	Horizontal	Pass
2**	4823.500	40.24	-3.66	54.0	13.76	AV	242.00	200	Horizontal	Pass
3	6433.000	104.93	-0.43	--	--	Peak	22.00	150	Horizontal	N/A
3**	6433.000	95.83	-0.43	--	--	AV	22.00	150	Horizontal	N/A
4	7632.000	53.06	0.19	74.0	20.94	Peak	163.00	300	Horizontal	Pass
4**	7632.000	43.77	0.19	54.0	10.23	AV	163.00	300	Horizontal	Pass
5	14442.075	54.89	3.21	88.2	33.31	Peak	0.00	200	Horizontal	Pass
5**	14442.075	45.97	3.21	68.2	22.23	AV	0.00	200	Horizontal	Pass
6	17613.599	55.38	4.28	88.2	32.82	Peak	243.00	100	Horizontal	Pass
6**	17613.599	45.79	4.28	68.2	22.41	AV	243.00	100	Horizontal	Pass

11ax20 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1901.900	43.63	-15.93	88.2	44.57	Peak	296.00	400	Vertical	Pass
1**	1901.900	30.08	-15.93	68.2	38.12	AV	296.00	400	Vertical	Pass
2	2654.100	51.70	-10.69	88.2	36.50	Peak	95.00	400	Vertical	Pass
2**	2654.100	37.79	-10.69	68.2	30.41	AV	95.00	400	Vertical	Pass
3	6440.250	96.11	-0.37	--	--	Peak	344.00	100	Vertical	N/A
3**	6440.250	87.36	-0.37	--	--	AV	344.00	100	Vertical	N/A
4	7963.500	53.29	1.50	88.2	34.91	Peak	202.00	100	Vertical	Pass
4**	7963.500	43.82	1.50	68.2	24.38	AV	202.00	100	Vertical	Pass
5	14452.838	55.30	3.37	88.2	32.90	Peak	110.00	100	Vertical	Pass
5**	14452.838	45.45	3.37	68.2	22.75	AV	110.00	100	Vertical	Pass
6	17035.312	54.99	1.56	88.2	33.21	Peak	64.00	100	Vertical	Pass
6**	17035.312	45.27	1.56	68.2	22.93	AV	64.00	100	Vertical	Pass

11ax20 (SU), U-NII-6, 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	2064.500	41.24	-13.92	88.2	46.96	Peak	108.00	100	Horizontal	Pass
1**	2064.500	32.13	-13.92	68.2	36.07	AV	108.00	100	Horizontal	Pass
2	4814.500	49.84	-3.17	74.0	24.16	Peak	181.00	400	Horizontal	Pass
2**	4814.500	39.89	-3.17	54.0	14.11	AV	181.00	400	Horizontal	Pass
3	6472.500	103.83	-1.76	--	--	Peak	360.00	200	Horizontal	N/A
3**	6472.500	93.12	-1.76	--	--	AV	360.00	200	Horizontal	N/A
4	7965.750	53.21	1.98	88.2	34.99	Peak	20.00	200	Horizontal	Pass
4**	7965.750	44.51	1.98	68.2	23.69	AV	20.00	200	Horizontal	Pass
5	14432.625	55.21	2.92	88.2	32.99	Peak	272.00	400	Horizontal	Pass
5**	14432.625	46.02	2.92	68.2	22.18	AV	272.00	400	Horizontal	Pass
6	15175.500	55.48	2.82	88.2	32.72	Peak	109.00	200	Horizontal	Pass
6**	15175.500	45.36	2.82	68.2	22.84	AV	109.00	200	Horizontal	Pass

11ax20 (SU), U-NII-6, 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	1824.900	44.72	-16.79	88.2	43.48	Peak	293.00	200	Vertical	Pass
1**	1824.900	29.85	-16.79	68.2	38.35	AV	293.00	200	Vertical	Pass
2	2656.400	51.76	-10.39	88.2	36.44	Peak	108.00	200	Vertical	Pass
2**	2656.400	43.19	-10.39	68.2	25.01	AV	108.00	200	Vertical	Pass
3	6480.500	96.72	-1.98	--	--	Peak	344.00	100	Vertical	N/A
3**	6480.500	85.98	-1.98	--	--	AV	344.00	100	Vertical	N/A
4	7964.750	53.78	2.17	88.2	34.42	Peak	224.00	200	Vertical	Pass
4**	7964.750	44.38	2.17	68.2	23.82	AV	224.00	200	Vertical	Pass
5	14487.750	56.20	2.41	74.0	17.80	Peak	32.00	300	Vertical	Pass
5**	14487.750	45.04	2.41	54.0	8.96	AV	32.00	300	Vertical	Pass
6	16861.275	55.71	3.37	88.2	32.49	Peak	271.00	400	Vertical	Pass
6**	16861.275	45.78	3.37	68.2	22.42	AV	271.00	400	Vertical	Pass

11ax20 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2055.200	41.11	-14.08	88.2	47.09	Peak	273.00	200	Horizontal	Pass
1**	2055.200	32.04	-14.08	68.2	36.16	AV	273.00	200	Horizontal	Pass
2	4818.000	49.49	-2.89	74.0	24.51	Peak	40.00	300	Horizontal	Pass
2**	4818.000	40.68	-2.89	54.0	13.32	AV	40.00	300	Horizontal	Pass
3	6514.250	104.22	-1.98	--	--	Peak	22.00	100	Horizontal	N/A
3**	6514.250	93.67	-1.98	--	--	AV	22.00	100	Horizontal	N/A
4	7968.000	53.77	1.84	88.2	34.43	Peak	285.00	100	Horizontal	Pass
4**	7968.000	43.89	1.84	68.2	24.31	AV	285.00	100	Horizontal	Pass
5	14441.813	54.88	3.20	88.2	33.32	Peak	127.00	200	Horizontal	Pass
5**	14441.813	45.88	3.20	68.2	22.32	AV	127.00	200	Horizontal	Pass
6	17084.926	55.91	2.39	88.2	32.29	Peak	275.00	400	Horizontal	Pass
6**	17084.926	45.56	2.39	68.2	22.64	AV	275.00	400	Horizontal	Pass

11ax20 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1902.800	43.69	-15.71	88.2	44.51	Peak	301.00	400	Vertical	Pass
1**	1902.800	32.99	-15.71	68.2	35.21	AV	301.00	400	Vertical	Pass
2	2666.800	51.21	-10.13	88.2	36.99	Peak	98.00	300	Vertical	Pass
2**	2666.800	40.89	-10.13	68.2	27.31	AV	98.00	300	Vertical	Pass
3	6520.000	95.12	-1.97	--	--	Peak	324.00	100	Vertical	N/A
3**	6520.000	85.89	-1.97	--	--	AV	324.00	100	Vertical	N/A
4	7936.500	52.97	2.52	88.2	35.23	Peak	100.00	400	Vertical	Pass
4**	7936.500	43.76	2.52	68.2	24.44	AV	100.00	400	Vertical	Pass
5	14703.000	54.98	3.42	88.2	33.22	Peak	134.00	200	Vertical	Pass
5**	14703.000	44.70	3.42	68.2	23.50	AV	134.00	200	Vertical	Pass
6	17635.387	55.52	4.51	88.2	32.68	Peak	173.00	300	Vertical	Pass
6**	17635.387	46.39	4.51	68.2	21.81	AV	173.00	300	Vertical	Pass

11ax40 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	41.20	-17.03	74.0	32.80	Peak	77.00	400	Horizontal	Pass
1**	1330.200	29.36	-17.03	54.0	24.64	AV	77.00	400	Horizontal	Pass
2	4898.250	48.86	-3.31	74.0	25.14	Peak	204.00	300	Horizontal	Pass
2**	4898.250	39.80	-3.31	54.0	14.20	AV	204.00	300	Horizontal	Pass
3	6443.500	105.19	-0.26	--	--	Peak	19.00	100	Horizontal	N/A
3**	6443.500	96.37	-0.26	--	--	AV	19.00	100	Horizontal	N/A
4	7599.500	53.00	1.09	74.0	21.00	Peak	324.00	300	Horizontal	Pass
4**	7599.500	44.09	1.09	54.0	9.91	AV	324.00	300	Horizontal	Pass
5	14449.688	54.56	3.44	88.2	33.64	Peak	281.00	300	Horizontal	Pass
5**	14449.688	45.47	3.44	68.2	22.73	AV	281.00	300	Horizontal	Pass
6	17661.112	55.32	4.75	88.2	32.88	Peak	143.00	200	Horizontal	Pass
6**	17661.112	45.52	4.75	68.2	22.68	AV	143.00	200	Horizontal	Pass

11ax40 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1904.000	43.32	-15.96	88.2	44.88	Peak	293.00	300	Vertical	Pass
1**	1904.000	30.55	-15.96	68.2	37.65	AV	293.00	300	Vertical	Pass
2	2666.500	52.34	-10.07	88.2	35.86	Peak	266.00	300	Vertical	Pass
2**	2666.500	43.77	-10.07	68.2	24.43	AV	266.00	300	Vertical	Pass
3	6450.750	97.60	-0.93	--	--	Peak	344.00	150	Vertical	N/A
3**	6450.750	88.73	-0.93	--	--	AV	344.00	150	Vertical	N/A
4	7584.500	53.77	0.89	74.0	20.23	Peak	2.00	200	Vertical	Pass
4**	7584.500	44.35	0.89	54.0	9.65	AV	2.00	200	Vertical	Pass
5	14421.862	55.04	2.59	88.2	33.16	Peak	360.00	100	Vertical	Pass
5**	14421.862	45.04	2.59	68.2	23.16	AV	360.00	100	Vertical	Pass
6	16662.824	55.35	2.59	88.2	32.85	Peak	247.00	300	Vertical	Pass
6**	16662.824	44.87	2.59	68.2	23.33	AV	247.00	300	Vertical	Pass

11ax40 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	41.84	-17.11	74.0	32.16	Peak	78.00	400	Horizontal	Pass
1**	1333.300	29.34	-17.11	54.0	24.66	AV	78.00	400	Horizontal	Pass
2	4883.750	49.61	-3.58	74.0	24.39	Peak	183.00	400	Horizontal	Pass
2**	4883.750	40.15	-3.58	54.0	13.85	AV	183.00	400	Horizontal	Pass
3	6483.000	101.84	-2.20	--	--	Peak	0.00	100	Horizontal	N/A
3**	6483.000	94.97	-2.20	--	--	AV	0.00	100	Horizontal	N/A
4	7968.000	53.24	1.84	88.2	34.96	Peak	0.00	400	Horizontal	Pass
4**	7968.000	44.68	1.84	68.2	23.52	AV	0.00	400	Horizontal	Pass
5	14448.900	55.50	3.41	88.2	32.70	Peak	358.00	200	Horizontal	Pass
5**	14448.900	45.92	3.41	68.2	22.28	AV	358.00	200	Horizontal	Pass
6	16995.676	55.85	2.09	88.2	32.35	Peak	244.00	200	Horizontal	Pass
6**	16995.676	46.18	2.09	68.2	22.02	AV	244.00	200	Horizontal	Pass

11ax40 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1906.000	44.28	-15.75	88.2	43.92	Peak	290.00	200	Vertical	Pass
1**	1906.000	34.87	-15.75	68.2	33.33	AV	290.00	200	Vertical	Pass
2	2663.100	52.14	-10.43	88.2	36.06	Peak	88.00	100	Vertical	Pass
2**	2663.100	38.75	-10.43	68.2	29.45	AV	88.00	100	Vertical	Pass
3	6480.500	98.75	-1.98	--	--	Peak	344.00	150	Vertical	N/A
3**	6480.500	88.38	-1.98	--	--	AV	344.00	150	Vertical	N/A
4	7898.000	52.66	1.19	88.2	35.54	Peak	324.00	200	Vertical	Pass
4**	7898.000	43.53	1.19	68.2	24.67	AV	324.00	200	Vertical	Pass
5	14457.300	55.28	3.25	88.2	32.92	Peak	0.00	400	Vertical	Pass
5**	14457.300	45.83	3.25	68.2	22.37	AV	0.00	400	Vertical	Pass
6	17631.187	55.13	4.47	88.2	33.07	Peak	310.00	300	Vertical	Pass
6**	17631.187	45.88	4.47	68.2	22.32	AV	310.00	300	Vertical	Pass

11ax80 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2052.300	40.78	-14.26	88.2	47.42	Peak	283.00	400	Horizontal	Pass
1**	2052.300	31.61	-14.26	68.2	36.59	AV	283.00	400	Horizontal	Pass
2	4794.500	50.48	-3.62	74.0	23.52	Peak	360.00	100	Horizontal	Pass
2**	4794.500	39.86	-3.62	54.0	14.14	AV	360.00	100	Horizontal	Pass
3	6462.500	105.30	-0.54	--	--	Peak	1.00	150	Horizontal	N/A
3**	6462.500	96.91	-0.54	--	--	AV	1.00	150	Horizontal	N/A
4	7964.500	53.55	2.22	88.2	34.65	Peak	263.00	400	Horizontal	Pass
4**	7964.500	44.31	2.22	68.2	23.89	AV	263.00	400	Horizontal	Pass
5	14441.026	54.86	3.17	88.2	33.34	Peak	37.00	400	Horizontal	Pass
5**	14441.026	46.50	3.17	68.2	21.70	AV	37.00	400	Horizontal	Pass
6	17011.687	56.00	1.83	88.2	32.20	Peak	137.00	100	Horizontal	Pass
6**	17011.687	45.64	1.83	68.2	22.56	AV	137.00	100	Horizontal	Pass

11ax80 (SU), U-NII-6, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1903.900	43.33	-15.90	88.2	44.87	Peak	76.00	200	Vertical	Pass
1**	1903.900	29.58	-15.90	68.2	38.62	AV	76.00	200	Vertical	Pass
2	2665.900	53.44	-10.22	88.2	34.76	Peak	260.00	400	Vertical	Pass
2**	2665.900	38.87	-10.22	68.2	29.33	AV	260.00	400	Vertical	Pass
3	6470.500	97.60	-1.34	--	--	Peak	0.00	150	Vertical	N/A
3**	6470.500	89.22	-1.34	--	--	AV	0.00	150	Vertical	N/A
4	7950.750	53.16	1.66	88.2	35.04	Peak	0.00	400	Vertical	Pass
4**	7950.750	43.71	1.66	68.2	24.49	AV	0.00	400	Vertical	Pass
5	14475.150	54.55	2.75	74.0	19.45	Peak	181.00	100	Vertical	Pass
5**	14475.150	45.69	2.75	54.0	8.31	AV	181.00	100	Vertical	Pass
6	17077.575	55.24	2.18	88.2	32.96	Peak	220.00	300	Vertical	Pass
6**	17077.575	45.53	2.18	68.2	22.67	AV	220.00	300	Vertical	Pass

11ax80 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1983.600	40.99	-14.75	88.2	47.21	Peak	225.00	400	Horizontal	Pass
1**	1983.600	31.63	-14.75	68.2	36.57	AV	225.00	400	Horizontal	Pass
2	4825.750	49.17	-3.83	74.0	24.83	Peak	224.00	300	Horizontal	Pass
2**	4825.750	39.88	-3.83	54.0	14.12	AV	224.00	300	Horizontal	Pass
3	6542.000	103.72	-1.63	--	--	Peak	0.00	150	Horizontal	N/A
3**	6542.000	93.30	-1.63	--	--	AV	0.00	150	Horizontal	N/A
4	7931.000	52.87	2.13	88.2	35.33	Peak	183.00	300	Horizontal	Pass
4**	7931.000	43.46	2.13	68.2	24.74	AV	183.00	300	Horizontal	Pass
5	14449.950	54.91	3.45	88.2	33.29	Peak	18.00	200	Horizontal	Pass
5**	14449.950	46.09	3.45	68.2	22.11	AV	18.00	200	Horizontal	Pass
6	17031.637	55.08	1.61	88.2	33.12	Peak	356.00	100	Horizontal	Pass
6**	17031.637	45.74	1.61	68.2	22.46	AV	356.00	100	Horizontal	Pass

11ax80 (SU), U-NII-6, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1905.700	44.47	-15.79	88.2	43.73	Peak	289.00	100	Vertical	Pass
1**	1905.700	34.41	-15.79	68.2	33.79	AV	289.00	100	Vertical	Pass
2	2666.900	51.33	-10.18	88.2	36.87	Peak	98.00	400	Vertical	Pass
2**	2666.900	41.41	-10.18	68.2	26.79	AV	98.00	400	Vertical	Pass
3	6539.750	97.40	-1.84	--	--	Peak	0.00	150	Vertical	N/A
3**	6539.750	88.64	-1.84	--	--	AV	0.00	150	Vertical	N/A
4	7979.750	53.50	1.61	88.2	34.70	Peak	185.00	200	Vertical	Pass
4**	7979.750	45.32	1.61	68.2	22.88	AV	185.00	200	Vertical	Pass
5	14460.450	55.34	3.16	88.2	32.86	Peak	0.00	100	Vertical	Pass
5**	14460.450	45.84	3.16	68.2	22.36	AV	0.00	100	Vertical	Pass
6	17630.136	55.52	4.46	88.2	32.68	Peak	235.00	200	Vertical	Pass
6**	17630.136	46.42	4.46	68.2	21.78	AV	235.00	200	Vertical	Pass

11ax160 (SU), U-NII-6, 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	2069.600	41.09	-14.26	88.2	47.11	Peak	168.00	300	Horizontal	Pass
1**	2069.600	31.20	-14.26	68.2	37.00	AV	168.00	300	Horizontal	Pass
2	4883.000	48.96	-3.70	74.0	25.04	Peak	189.00	200	Horizontal	Pass
2**	4883.000	40.14	-3.70	54.0	13.86	AV	189.00	200	Horizontal	Pass
3	6492.250	100.06	-1.88	--	--	Peak	38.00	150	Horizontal	N/A
3**	6492.250	92.35	-1.88	--	--	AV	38.00	150	Horizontal	N/A
4	7969.250	53.17	1.61	88.2	35.03	Peak	124.00	100	Horizontal	Pass
4**	7969.250	44.31	1.61	68.2	23.89	AV	124.00	100	Horizontal	Pass
5	14456.250	54.99	3.28	88.2	33.21	Peak	336.00	200	Horizontal	Pass
5**	14456.250	45.52	3.28	68.2	22.68	AV	336.00	200	Horizontal	Pass
6	16875.449	55.09	3.13	88.2	33.11	Peak	41.00	200	Horizontal	Pass
6**	16875.449	46.16	3.13	68.2	22.04	AV	41.00	200	Horizontal	Pass

11ax160 (SU), U-NII-6, 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	1899.600	42.78	-15.63	88.2	45.42	Peak	95.00	300	Vertical	Pass
1**	1899.600	35.32	-15.63	68.2	32.88	AV	95.00	300	Vertical	Pass
2	2656.500	50.83	-10.36	88.2	37.37	Peak	77.00	100	Vertical	Pass
2**	2656.500	40.15	-10.36	68.2	28.05	AV	77.00	100	Vertical	Pass
3	6511.500	95.43	-1.93	--	--	Peak	16.00	100	Vertical	N/A
3**	6511.500	86.41	-1.93	--	--	AV	16.00	100	Vertical	N/A
4	7970.500	53.22	1.75	88.2	34.98	Peak	290.00	300	Vertical	Pass
4**	7970.500	44.18	1.75	68.2	24.02	AV	290.00	300	Vertical	Pass
5	14868.901	54.94	2.17	88.2	33.26	Peak	186.00	400	Vertical	Pass
5**	14868.901	44.38	2.17	68.2	23.82	AV	186.00	400	Vertical	Pass
6	17112.750	55.19	3.03	88.2	33.01	Peak	121.00	300	Vertical	Pass
6**	17112.750	46.24	3.03	68.2	21.96	AV	121.00	300	Vertical	Pass

11ax20 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1965.000	40.82	-14.89	88.2	47.38	Peak	115.00	100	Horizontal	Pass
1**	1965.000	31.50	-14.89	68.2	36.70	AV	115.00	100	Horizontal	Pass
2	4817.750	49.84	-2.86	74.0	24.16	Peak	59.00	100	Horizontal	Pass
2**	4817.750	40.75	-2.86	54.0	13.25	AV	59.00	100	Horizontal	Pass
3	6533.250	102.64	-1.90	--	--	Peak	18.00	100	Horizontal	N/A
3**	6533.250	91.88	-1.90	--	--	AV	18.00	100	Horizontal	N/A
4	7936.750	52.97	2.32	88.2	35.23	Peak	59.00	400	Horizontal	Pass
4**	7936.750	44.25	2.32	68.2	23.95	AV	59.00	400	Horizontal	Pass
5	14404.013	55.00	2.05	88.2	33.20	Peak	52.00	200	Horizontal	Pass
5**	14404.013	45.20	2.05	68.2	23.00	AV	52.00	200	Horizontal	Pass
6	17044.500	55.26	1.46	88.2	32.94	Peak	244.00	400	Horizontal	Pass
6**	17044.500	45.79	1.46	68.2	22.41	AV	244.00	400	Horizontal	Pass

11ax20 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1901.100	44.79	-15.86	88.2	43.41	Peak	291.00	100	Vertical	Pass
1**	1901.100	31.52	-15.86	68.2	36.68	AV	291.00	100	Vertical	Pass
2	2666.400	51.78	-10.07	88.2	36.42	Peak	300.00	300	Vertical	Pass
2**	2666.400	38.18	-10.07	68.2	30.02	AV	300.00	300	Vertical	Pass
3	6540.000	94.54	-1.86	--	--	Peak	0.00	150	Vertical	N/A
3**	6540.000	84.85	-1.86	--	--	AV	0.00	150	Vertical	N/A
4	7358.750	53.20	0.94	74.0	20.80	Peak	344.00	300	Vertical	Pass
4**	7358.750	43.93	0.94	54.0	10.07	AV	344.00	300	Vertical	Pass
5	14468.325	55.07	2.94	88.2	33.13	Peak	288.00	400	Vertical	Pass
5**	14468.325	45.65	2.94	68.2	22.55	AV	288.00	400	Vertical	Pass
6	17154.488	54.97	3.70	88.2	33.23	Peak	86.00	200	Vertical	Pass
6**	17154.488	45.81	3.70	68.2	22.39	AV	86.00	200	Vertical	Pass

11ax20 (SU), U-NII-7, 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	2064.500	41.76	-13.92	88.2	46.44	Peak	0.00	200	Horizontal	Pass
1**	2064.500	32.08	-13.92	68.2	36.12	AV	0.00	200	Horizontal	Pass
2	4838.000	50.17	-3.48	74.0	23.83	Peak	21.00	300	Horizontal	Pass
2**	4838.000	40.62	-3.48	54.0	13.38	AV	21.00	300	Horizontal	Pass
3	6693.000	97.60	-1.47	--	--	Peak	21.00	200	Horizontal	N/A
3**	6693.000	89.44	-1.47	--	--	AV	21.00	200	Horizontal	N/A
4	7362.000	52.66	0.82	74.0	21.34	Peak	264.00	400	Horizontal	Pass
4**	7362.000	44.00	0.82	54.0	10.00	AV	264.00	400	Horizontal	Pass
5	14425.012	54.72	2.69	88.2	33.48	Peak	135.00	100	Horizontal	Pass
5**	14425.012	45.30	2.69	68.2	22.90	AV	135.00	100	Horizontal	Pass
6	17090.699	55.77	2.55	88.2	32.43	Peak	157.00	300	Horizontal	Pass
6**	17090.699	46.46	2.55	68.2	21.74	AV	157.00	300	Horizontal	Pass

11ax20 (SU), U-NII-7, 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	1901.400	44.12	-15.88	88.2	44.08	Peak	106.00	400	Vertical	Pass
1**	1901.400	36.41	-15.88	68.2	31.79	AV	106.00	400	Vertical	Pass
2	2666.700	51.97	-10.08	88.2	36.23	Peak	262.00	300	Vertical	Pass
2**	2666.700	38.36	-10.08	68.2	29.84	AV	262.00	300	Vertical	Pass
3	6689.000	92.55	-1.51	--	--	Peak	344.00	100	Vertical	N/A
3**	6689.000	83.90	-1.51	--	--	AV	344.00	100	Vertical	N/A
4	7599.750	53.33	0.84	74.0	20.67	Peak	120.00	200	Vertical	Pass
4**	7599.750	43.66	0.84	54.0	10.34	AV	120.00	200	Vertical	Pass
5	14447.849	55.13	3.38	88.2	33.07	Peak	198.00	200	Vertical	Pass
5**	14447.849	46.58	3.38	68.2	21.62	AV	198.00	200	Vertical	Pass
6	17199.374	55.80	4.06	88.2	32.40	Peak	159.00	400	Vertical	Pass
6**	17199.374	44.53	4.06	68.2	23.67	AV	159.00	400	Vertical	Pass

11ax20 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2666.100	46.85	-10.14	88.2	41.35	Peak	213.00	150	Horizontal	Pass
1**	2666.100	37.57	-10.14	68.2	30.63	AV	213.00	150	Horizontal	Pass
2	4818.250	49.38	-3.07	74.0	24.62	Peak	324.00	300	Horizontal	Pass
2**	4818.250	40.60	-3.07	54.0	13.40	AV	324.00	300	Horizontal	Pass
3	6851.500	97.80	-0.83	--	--	Peak	1.00	100	Horizontal	N/A
3**	6851.500	88.94	-0.83	--	--	AV	1.00	100	Horizontal	N/A
4	7967.250	53.87	2.15	88.2	34.33	Peak	21.00	400	Horizontal	Pass
4**	7967.250	45.32	2.15	68.2	22.88	AV	21.00	400	Horizontal	Pass
5	14418.450	55.06	2.49	88.2	33.14	Peak	104.00	200	Horizontal	Pass
5**	14418.450	44.99	2.49	68.2	23.21	AV	104.00	200	Horizontal	Pass
6	17663.474	55.10	4.76	88.2	33.10	Peak	197.00	200	Horizontal	Pass
6**	17663.474	46.19	4.76	68.2	22.01	AV	197.00	200	Horizontal	Pass

11ax20 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2658.400	51.19	-10.71	88.2	37.01	Peak	101.00	150	Vertical	Pass
1**	2658.400	41.89	-10.71	68.2	26.31	AV	101.00	150	Vertical	Pass
2	4846.000	51.18	-3.82	74.0	22.82	Peak	5.00	150	Vertical	Pass
2**	4846.000	39.93	-3.82	54.0	14.07	AV	5.00	150	Vertical	Pass
3	6857.000	91.99	-0.89	--	--	Peak	0.00	200	Vertical	N/A
3**	6857.000	82.77	-0.89	--	--	AV	0.00	200	Vertical	N/A
4	7421.250	53.45	1.15	74.0	20.55	Peak	45.00	100	Vertical	Pass
4**	7421.250	43.83	1.15	54.0	10.17	AV	45.00	100	Vertical	Pass
5	13988.737	54.98	2.32	88.2	33.22	Peak	3.00	100	Vertical	Pass
5**	13988.737	43.76	2.32	68.2	24.44	AV	3.00	100	Vertical	Pass
6	17401.500	55.65	5.43	88.2	32.55	Peak	56.00	200	Vertical	Pass
6**	17401.500	45.38	5.43	68.2	22.82	AV	56.00	200	Vertical	Pass

11ax40 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2656.500	47.33	-10.36	88.2	40.87	Peak	216.00	150	Horizontal	Pass
1**	2656.500	38.08	-10.36	68.2	30.12	AV	216.00	150	Horizontal	Pass
2	4864.500	49.18	-3.48	74.0	24.82	Peak	344.00	400	Horizontal	Pass
2**	4864.500	42.21	-3.48	54.0	11.79	AV	344.00	400	Horizontal	Pass
3	6523.500	103.41	-2.01	--	--	Peak	21.00	150	Horizontal	N/A
3**	6523.500	95.21	-2.01	--	--	AV	21.00	150	Horizontal	N/A
4	7358.750	53.38	0.94	74.0	20.62	Peak	204.00	400	Horizontal	Pass
4**	7358.750	43.62	0.94	54.0	10.38	AV	204.00	400	Horizontal	Pass
5	14333.138	54.77	1.63	88.2	33.43	Peak	311.00	300	Horizontal	Pass
5**	14333.138	45.70	1.63	68.2	22.50	AV	311.00	300	Horizontal	Pass
6	17658.489	55.66	4.73	88.2	32.54	Peak	120.00	300	Horizontal	Pass
6**	17658.489	45.82	4.73	68.2	22.38	AV	120.00	300	Horizontal	Pass

11ax40 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2662.000	50.98	-10.87	88.2	37.22	Peak	96.00	150	Vertical	Pass
1**	2662.000	40.53	-10.87	68.2	27.67	AV	96.00	150	Vertical	Pass
2	5313.500	52.72	-3.35	88.2	35.48	Peak	64.00	150	Vertical	Pass
2**	5313.500	40.01	-3.35	68.2	28.19	AV	64.00	150	Vertical	Pass
3	6529.000	95.32	-1.81	--	--	Peak	344.00	200	Vertical	N/A
3**	6529.000	87.03	-1.81	--	--	AV	344.00	200	Vertical	N/A
4	7949.000	52.82	1.56	88.2	35.38	Peak	324.00	300	Vertical	Pass
4**	7949.000	43.77	1.56	68.2	24.43	AV	324.00	300	Vertical	Pass
5	14458.087	54.66	3.22	88.2	33.54	Peak	189.00	200	Vertical	Pass
5**	14458.087	46.54	3.22	68.2	21.66	AV	189.00	200	Vertical	Pass
6	17029.276	55.66	1.63	88.2	32.54	Peak	197.00	200	Vertical	Pass
6**	17029.276	45.98	1.63	68.2	22.22	AV	197.00	200	Vertical	Pass

11ax40 (SU), U-NII-7, 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	2664.100	46.48	-10.43	88.2	41.72	Peak	209.00	150	Horizontal	Pass
1**	2664.100	35.97	-10.43	68.2	32.23	AV	209.00	150	Horizontal	Pass
2	4867.250	49.05	-3.62	74.0	24.95	Peak	0.00	400	Horizontal	Pass
2**	4867.250	40.44	-3.62	54.0	13.56	AV	0.00	400	Horizontal	Pass
3	6681.750	98.82	-1.52	--	--	Peak	22.00	100	Horizontal	N/A
3**	6681.750	91.58	-1.52	--	--	AV	22.00	100	Horizontal	N/A
4	7990.500	53.14	1.06	88.2	35.06	Peak	82.00	100	Horizontal	Pass
4**	7990.500	43.72	1.06	68.2	24.48	AV	82.00	100	Horizontal	Pass
5	14460.188	55.35	3.17	88.2	32.85	Peak	258.00	300	Horizontal	Pass
5**	14460.188	46.38	3.17	68.2	21.82	AV	258.00	300	Horizontal	Pass
6	17009.849	55.44	1.85	88.2	32.76	Peak	60.00	200	Horizontal	Pass
6**	17009.849	45.88	1.85	68.2	22.32	AV	60.00	200	Horizontal	Pass

11ax40 (SU), U-NII-7, 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	1905.800	43.35	-15.76	88.2	44.85	Peak	105.00	200	Vertical	Pass
1**	1905.800	30.49	-15.76	68.2	37.71	AV	105.00	200	Vertical	Pass
2	2660.000	51.42	-10.84	88.2	36.78	Peak	259.00	300	Vertical	Pass
2**	2660.000	40.47	-10.84	68.2	27.73	AV	259.00	300	Vertical	Pass
3	6688.250	91.61	-1.53	--	--	Peak	346.00	150	Vertical	N/A
3**	6688.250	84.19	-1.53	--	--	AV	346.00	150	Vertical	N/A
4	7929.500	53.14	2.30	88.2	35.06	Peak	204.00	300	Vertical	Pass
4**	7929.500	44.54	2.30	68.2	23.66	AV	204.00	300	Vertical	Pass
5	14485.125	55.86	2.48	74.0	18.14	Peak	120.00	100	Vertical	Pass
5**	14485.125	45.01	2.48	54.0	8.99	AV	120.00	100	Vertical	Pass
6	17653.762	55.21	4.70	88.2	32.99	Peak	81.00	200	Vertical	Pass
6**	17653.762	46.03	4.70	68.2	22.17	AV	81.00	200	Vertical	Pass

11ax40 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2654.400	47.39	-10.90	88.2	40.81	Peak	213.00	150	Horizontal	Pass
1**	2654.400	35.04	-10.90	68.2	33.16	AV	213.00	150	Horizontal	Pass
2	4745.250	49.48	-3.27	74.0	24.52	Peak	283.00	300	Horizontal	Pass
2**	4745.250	40.00	-3.27	54.0	14.00	AV	283.00	300	Horizontal	Pass
3	6849.750	98.35	-0.84	--	--	Peak	21.00	200	Horizontal	N/A
3**	6849.750	91.30	-0.84	--	--	AV	21.00	200	Horizontal	N/A
4	7958.500	53.50	1.89	88.2	34.70	Peak	0.00	300	Horizontal	Pass
4**	7958.500	44.40	1.89	68.2	23.80	AV	0.00	300	Horizontal	Pass
5	14484.338	54.99	2.50	74.0	19.01	Peak	0.00	100	Horizontal	Pass
5**	14484.338	46.14	2.50	54.0	7.86	AV	0.00	100	Horizontal	Pass
6	16866.000	55.42	3.29	88.2	32.78	Peak	273.00	100	Horizontal	Pass
6**	16866.000	46.06	3.29	68.2	22.14	AV	273.00	100	Horizontal	Pass

11ax40 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2664.400	52.26	-10.33	88.2	35.94	Peak	256.00	150	Vertical	Pass
1**	2664.400	42.18	-10.33	68.2	26.02	AV	256.00	150	Vertical	Pass
2	5318.500	53.13	-3.13	88.2	35.07	Peak	319.00	150	Vertical	Pass
2**	5318.500	40.14	-3.13	68.2	28.06	AV	319.00	150	Vertical	Pass
3	6847.000	91.58	-1.15	--	--	Peak	360.00	100	Vertical	N/A
3**	6847.000	83.65	-1.15	--	--	AV	360.00	100	Vertical	N/A
4	7205.750	53.36	0.24	88.2	34.84	Peak	340.00	300	Vertical	Pass
4**	7205.750	43.95	0.24	68.2	24.25	AV	340.00	300	Vertical	Pass
5	14459.924	55.66	3.17	88.2	32.54	Peak	307.00	400	Vertical	Pass
5**	14459.924	46.59	3.17	68.2	21.61	AV	307.00	400	Vertical	Pass
6	17115.375	55.27	3.07	88.2	32.93	Peak	223.00	100	Vertical	Pass
6**	17115.375	45.83	3.07	68.2	22.37	AV	223.00	100	Vertical	Pass

11ax80 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2655.800	48.79	-10.74	88.2	39.41	Peak	202.00	150	Horizontal	Pass
1**	2655.800	36.86	-10.74	68.2	31.34	AV	202.00	150	Horizontal	Pass
2	4872.750	49.42	-3.67	74.0	24.58	Peak	116.00	100	Horizontal	Pass
2**	4872.750	40.73	-3.67	54.0	13.27	AV	116.00	100	Horizontal	Pass
3	6621.500	102.21	-0.69	--	--	Peak	36.00	200	Horizontal	N/A
3**	6621.500	93.19	-0.69	--	--	AV	36.00	200	Horizontal	N/A
4	7623.250	53.08	0.32	74.0	20.92	Peak	238.00	300	Horizontal	Pass
4**	7623.250	43.69	0.32	54.0	10.31	AV	238.00	300	Horizontal	Pass
5	14442.863	54.89	3.23	88.2	33.31	Peak	21.00	400	Horizontal	Pass
5**	14442.863	47.05	3.23	68.2	21.15	AV	21.00	400	Horizontal	Pass
6	16866.000	55.51	3.29	88.2	32.69	Peak	360.00	100	Horizontal	Pass
6**	16866.000	45.63	3.29	68.2	22.57	AV	360.00	100	Horizontal	Pass

11ax80 (SU), U-NII-7, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1905.200	44.23	-15.65	88.2	43.97	Peak	290.00	300	Vertical	Pass
1**	1905.200	36.22	-15.65	68.2	31.98	AV	290.00	300	Vertical	Pass
2	2667.100	54.76	-10.24	88.2	33.44	Peak	255.00	100	Vertical	Pass
2**	2667.100	40.96	-10.24	68.2	27.24	AV	255.00	100	Vertical	Pass
3	6621.250	95.76	-0.83	--	--	Peak	360.00	100	Vertical	N/A
3**	6621.250	86.88	-0.83	--	--	AV	360.00	100	Vertical	N/A
4	7993.000	53.97	1.29	88.2	34.23	Peak	360.00	200	Vertical	Pass
4**	7993.000	45.30	1.29	68.2	22.90	AV	360.00	200	Vertical	Pass
5	14470.425	55.47	2.88	74.0	18.53	Peak	17.00	300	Vertical	Pass
5**	14470.425	46.19	2.88	54.0	7.81	AV	17.00	300	Vertical	Pass
6	17097.525	55.39	2.74	88.2	32.81	Peak	126.00	300	Vertical	Pass
6**	17097.525	45.98	2.74	68.2	22.22	AV	126.00	300	Vertical	Pass

11ax80 (SU), U-NII-7, 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	2665.600	47.56	-10.22	88.2	40.64	Peak	203.00	150	Horizontal	Pass
1**	2665.600	38.71	-10.22	68.2	29.49	AV	203.00	150	Horizontal	Pass
2	4861.000	49.33	-3.53	74.0	24.67	Peak	217.00	200	Horizontal	Pass
2**	4861.000	40.84	-3.53	54.0	13.16	AV	217.00	200	Horizontal	Pass
3	6702.750	99.47	-1.16	--	--	Peak	36.00	200	Horizontal	N/A
3**	6702.750	91.73	-1.16	--	--	AV	36.00	200	Horizontal	N/A
4	7982.750	53.17	1.43	88.2	35.03	Peak	56.00	400	Horizontal	Pass
4**	7982.750	44.12	1.43	68.2	24.08	AV	56.00	400	Horizontal	Pass
5	14466.750	54.74	2.99	88.2	33.46	Peak	185.00	200	Horizontal	Pass
5**	14466.750	45.81	2.99	68.2	22.39	AV	185.00	200	Horizontal	Pass
6	17097.000	55.44	2.73	88.2	32.76	Peak	138.00	200	Horizontal	Pass
6**	17097.000	46.45	2.73	68.2	21.75	AV	138.00	200	Horizontal	Pass

11ax80 (SU), U-NII-7, 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	1900.700	45.18	-15.91	88.2	43.02	Peak	285.00	200	Vertical	Pass
1**	1900.700	36.21	-15.91	68.2	31.99	AV	285.00	200	Vertical	Pass
2	2665.400	51.40	-10.18	88.2	36.80	Peak	93.00	100	Vertical	Pass
2**	2665.400	43.76	-10.18	68.2	24.44	AV	93.00	100	Vertical	Pass
3	6699.750	94.80	-1.15	--	--	Peak	360.00	100	Vertical	N/A
3**	6699.750	85.67	-1.15	--	--	AV	360.00	100	Vertical	N/A
4	7518.250	53.20	0.02	74.0	20.80	Peak	321.00	400	Vertical	Pass
4**	7518.250	42.75	0.02	54.0	11.25	AV	321.00	400	Vertical	Pass
5	14455.463	54.66	3.30	88.2	33.54	Peak	148.00	100	Vertical	Pass
5**	14455.463	46.46	3.30	68.2	21.74	AV	148.00	100	Vertical	Pass
6	17003.813	55.95	1.92	88.2	32.25	Peak	26.00	200	Vertical	Pass
6**	17003.813	45.53	1.92	68.2	22.67	AV	26.00	200	Vertical	Pass

11ax80 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2058.800	40.91	-14.47	88.2	47.29	Peak	119.00	100	Horizontal	Pass
1**	2058.800	31.42	-14.47	68.2	36.78	AV	119.00	100	Horizontal	Pass
2	4821.000	49.52	-3.62	74.0	24.48	Peak	360.00	200	Horizontal	Pass
2**	4821.000	40.34	-3.62	54.0	13.66	AV	360.00	200	Horizontal	Pass
3	6790.500	98.58	-1.53	--	--	Peak	36.00	200	Horizontal	N/A
3**	6790.500	91.00	-1.53	--	--	AV	36.00	200	Horizontal	N/A
4	7966.500	53.38	1.96	88.2	34.82	Peak	179.00	300	Horizontal	Pass
4**	7966.500	44.33	1.96	68.2	23.87	AV	179.00	300	Horizontal	Pass
5	13790.287	55.04	2.54	88.2	33.16	Peak	196.00	200	Horizontal	Pass
5**	13790.287	44.56	2.54	68.2	23.64	AV	196.00	200	Horizontal	Pass
6	16673.588	55.44	2.72	88.2	32.76	Peak	257.00	200	Horizontal	Pass
6**	16673.588	44.34	2.72	68.2	23.86	AV	257.00	200	Horizontal	Pass

11ax80 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1923.200	43.35	-15.82	88.2	44.85	Peak	18.00	400	Vertical	Pass
1**	1923.200	37.42	-15.82	68.2	30.78	AV	18.00	400	Vertical	Pass
2	2662.200	54.32	-10.75	88.2	33.88	Peak	255.00	200	Vertical	Pass
2**	2662.200	39.00	-10.75	68.2	29.20	AV	255.00	200	Vertical	Pass
3	6789.000	91.58	-1.75	--	--	Peak	360.00	150	Vertical	N/A
3**	6789.000	83.05	-1.75	--	--	AV	360.00	150	Vertical	N/A
4	7947.500	53.50	2.06	88.2	34.70	Peak	117.00	300	Vertical	Pass
4**	7947.500	44.22	2.06	68.2	23.98	AV	117.00	300	Vertical	Pass
5	14455.987	54.66	3.28	88.2	33.54	Peak	280.00	200	Vertical	Pass
5**	14455.987	47.08	3.28	68.2	21.12	AV	280.00	200	Vertical	Pass
6	17389.687	55.38	4.95	88.2	32.82	Peak	163.00	100	Vertical	Pass
6**	17389.687	44.76	4.95	68.2	23.44	AV	163.00	100	Vertical	Pass

11ax160 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2050.100	40.81	-14.46	88.2	47.39	Peak	356.00	400	Horizontal	Pass
1**	2050.100	31.03	-14.46	68.2	37.17	AV	356.00	400	Horizontal	Pass
2	4808.250	49.22	-3.10	74.0	24.78	Peak	14.00	100	Horizontal	Pass
2**	4808.250	40.02	-3.10	54.0	13.98	AV	14.00	100	Horizontal	Pass
3	6661.000	100.59	-1.79	--	--	Peak	36.00	100	Horizontal	N/A
3**	6661.000	91.45	-1.79	--	--	AV	36.00	100	Horizontal	N/A
4	7929.000	52.81	1.95	88.2	35.39	Peak	199.00	100	Horizontal	Pass
4**	7929.000	43.61	1.95	68.2	24.59	AV	199.00	100	Horizontal	Pass
5	14434.201	54.69	2.97	88.2	33.51	Peak	327.00	100	Horizontal	Pass
5**	14434.201	46.37	2.97	68.2	21.83	AV	327.00	100	Horizontal	Pass
6	16875.713	55.49	3.13	88.2	32.71	Peak	343.00	100	Horizontal	Pass
6**	16875.713	45.88	3.13	68.2	22.32	AV	343.00	100	Horizontal	Pass

11ax160 (SU), U-NII-7, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1905.800	44.01	-15.76	88.2	44.19	Peak	281.00	300	Vertical	Pass
1**	1905.800	30.78	-15.76	68.2	37.42	AV	281.00	300	Vertical	Pass
2	2662.700	51.54	-10.61	88.2	36.66	Peak	254.00	100	Vertical	Pass
2**	2662.700	39.94	-10.61	68.2	28.26	AV	254.00	100	Vertical	Pass
3	6640.750	93.02	-1.65	--	--	Peak	343.00	100	Vertical	N/A
3**	6640.750	84.70	-1.65	--	--	AV	343.00	100	Vertical	N/A
4	7988.000	53.36	1.29	88.2	34.84	Peak	138.00	200	Vertical	Pass
4**	7988.000	44.16	1.29	68.2	24.04	AV	138.00	200	Vertical	Pass
5	14441.287	55.22	3.18	88.2	32.98	Peak	187.00	400	Vertical	Pass
5**	14441.287	45.98	3.18	68.2	22.22	AV	187.00	400	Vertical	Pass
6	17443.238	55.17	5.55	88.2	33.03	Peak	278.00	300	Vertical	Pass
6**	17443.238	45.40	5.55	68.2	22.80	AV	278.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2062.500	41.10	-14.04	88.2	47.10	Peak	319.00	200	Horizontal	Pass
1**	2062.500	31.74	-14.04	68.2	36.46	AV	319.00	200	Horizontal	Pass
2	4894.750	49.51	-3.64	74.0	24.49	Peak	38.00	300	Horizontal	Pass
2**	4894.750	40.05	-3.64	54.0	13.95	AV	38.00	300	Horizontal	Pass
3	6873.000	97.95	-0.09	--	--	Peak	38.00	200	Horizontal	N/A
3**	6873.000	89.56	-0.09	--	--	AV	38.00	200	Horizontal	N/A
4	7494.000	53.27	1.04	74.0	20.73	Peak	60.00	100	Horizontal	Pass
4**	7494.000	43.86	1.04	54.0	10.14	AV	60.00	100	Horizontal	Pass
5	14458.875	55.28	3.20	88.2	32.92	Peak	59.00	100	Horizontal	Pass
5**	14458.875	46.88	3.20	68.2	21.32	AV	59.00	100	Horizontal	Pass
6	17377.350	55.12	4.37	88.2	33.08	Peak	145.00	200	Horizontal	Pass
6**	17377.350	45.46	4.37	68.2	22.74	AV	145.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2661.300	51.84	-10.34	88.2	36.36	Peak	251.00	200	Vertical	Pass
1**	2661.300	40.98	-10.34	68.2	27.22	AV	251.00	200	Vertical	Pass
2	5006.750	54.16	-3.10	88.2	34.04	Peak	308.00	100	Vertical	Pass
2**	5006.750	40.70	-3.10	68.2	27.50	AV	308.00	100	Vertical	Pass
3	6875.750	92.33	-0.08	--	--	Peak	308.00	150	Vertical	N/A
3**	6875.750	80.68	-0.08	--	--	AV	308.00	150	Vertical	N/A
4	7607.000	53.60	0.57	74.0	20.40	Peak	119.00	100	Vertical	Pass
4**	7607.000	43.65	0.57	54.0	10.35	AV	119.00	100	Vertical	Pass
5	14430.262	55.66	2.85	88.2	32.54	Peak	69.00	300	Vertical	Pass
5**	14430.262	45.60	2.85	68.2	22.60	AV	69.00	300	Vertical	Pass
6	17644.313	55.94	4.61	88.2	32.26	Peak	86.00	300	Vertical	Pass
6**	17644.313	45.97	4.61	68.2	22.23	AV	86.00	300	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	2046.600	41.36	-14.45	88.2	46.84	Peak	0.00	200	Horizontal	Pass
1**	2046.600	31.56	-14.45	68.2	36.64	AV	0.00	200	Horizontal	Pass
2	4818.750	49.51	-3.40	74.0	24.49	Peak	200.00	200	Horizontal	Pass
2**	4818.750	39.71	-3.40	54.0	14.29	AV	200.00	200	Horizontal	Pass
3	6988.500	95.39	-0.35	--	--	Peak	36.00	150	Horizontal	N/A
3**	6988.500	85.03	-0.35	--	--	AV	36.00	150	Horizontal	N/A
4	7984.250	52.88	1.51	88.2	35.32	Peak	324.00	200	Horizontal	Pass
4**	7984.250	43.96	1.51	68.2	24.24	AV	324.00	200	Horizontal	Pass
5	14454.938	54.53	3.31	88.2	33.67	Peak	222.00	400	Horizontal	Pass
5**	14454.938	46.31	3.31	68.2	21.89	AV	222.00	400	Horizontal	Pass
6	17619.374	56.27	4.34	88.2	31.93	Peak	349.00	200	Horizontal	Pass
6**	17619.374	45.93	4.34	68.2	22.27	AV	349.00	200	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	1900.900	44.43	-15.87	88.2	43.77	Peak	290.00	300	Vertical	Pass
1**	1900.900	31.88	-15.87	68.2	36.32	AV	290.00	300	Vertical	Pass
2	2661.200	52.40	-10.31	88.2	35.80	Peak	251.00	400	Vertical	Pass
2**	2661.200	42.84	-10.31	68.2	25.36	AV	251.00	400	Vertical	Pass
3	6997.500	92.31	-0.27	--	--	Peak	0.00	150	Vertical	N/A
3**	6997.500	82.54	-0.27	--	--	AV	0.00	150	Vertical	N/A
4	7938.250	52.97	2.31	88.2	35.23	Peak	190.00	100	Vertical	Pass
4**	7938.250	43.94	2.31	68.2	24.26	AV	190.00	100	Vertical	Pass
5	14461.500	55.01	3.13	88.2	33.19	Peak	81.00	400	Vertical	Pass
5**	14461.500	46.49	3.13	68.2	21.71	AV	81.00	400	Vertical	Pass
6	17010.114	55.72	1.85	88.2	32.48	Peak	346.00	400	Vertical	Pass
6**	17010.114	46.01	1.85	68.2	22.19	AV	346.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2082.900	40.81	-14.33	88.2	47.39	Peak	32.00	300	Horizontal	Pass
1**	2082.900	31.80	-14.33	68.2	36.40	AV	32.00	300	Horizontal	Pass
2	4817.500	49.30	-2.89	74.0	24.70	Peak	218.00	200	Horizontal	Pass
2**	4817.500	40.62	-2.89	54.0	13.38	AV	218.00	200	Horizontal	Pass
3	7090.500	95.70	-0.66	--	--	Peak	360.00	150	Horizontal	N/A
3**	7090.500	85.84	-0.66	--	--	AV	360.00	150	Horizontal	N/A
4	7984.500	52.98	1.49	88.2	35.22	Peak	359.00	400	Horizontal	Pass
4**	7984.500	44.35	1.49	68.2	23.85	AV	359.00	400	Horizontal	Pass
5	14467.276	55.06	2.97	88.2	33.14	Peak	0.00	300	Horizontal	Pass
5**	14467.276	45.66	2.97	68.2	22.54	AV	0.00	300	Horizontal	Pass
6	17648.251	55.57	4.65	88.2	32.63	Peak	340.00	400	Horizontal	Pass
6**	17648.251	45.80	4.65	68.2	22.40	AV	340.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1903.300	44.41	-15.98	88.2	43.79	Peak	283.00	100	Vertical	Pass
1**	1903.300	30.00	-15.98	68.2	38.20	AV	283.00	100	Vertical	Pass
2	2666.600	52.18	-10.06	88.2	36.02	Peak	254.00	300	Vertical	Pass
2**	2666.600	43.05	-10.06	68.2	25.15	AV	254.00	300	Vertical	Pass
3	7097.500	94.09	-0.92	--	--	Peak	360.00	150	Vertical	N/A
3**	7097.500	85.25	-0.92	--	--	AV	360.00	150	Vertical	N/A
4	7956.500	53.55	1.84	88.2	34.65	Peak	195.00	300	Vertical	Pass
4**	7956.500	44.23	1.84	68.2	23.97	AV	195.00	300	Vertical	Pass
5	14451.526	55.56	3.41	88.2	32.64	Peak	319.00	300	Vertical	Pass
5**	14451.526	47.20	3.41	68.2	21.00	AV	319.00	300	Vertical	Pass
6	16854.187	55.03	3.49	88.2	33.17	Peak	154.00	300	Vertical	Pass
6**	16854.187	46.54	3.49	68.2	21.66	AV	154.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2655.100	47.79	-10.58	88.2	40.41	Peak	207.00	150	Horizontal	Pass
1**	2655.100	37.25	-10.58	68.2	30.95	AV	207.00	150	Horizontal	Pass
2	4821.750	49.58	-3.52	74.0	24.42	Peak	60.00	300	Horizontal	Pass
2**	4821.750	40.09	-3.52	54.0	13.91	AV	60.00	300	Horizontal	Pass
3	6881.250	98.23	-0.03	--	--	Peak	18.00	150	Horizontal	N/A
3**	6881.250	92.64	-0.03	--	--	AV	18.00	150	Horizontal	N/A
4	7926.750	53.91	1.94	88.2	34.29	Peak	356.00	400	Horizontal	Pass
4**	7926.750	43.78	1.94	68.2	24.42	AV	356.00	400	Horizontal	Pass
5	14450.737	55.91	3.43	88.2	32.29	Peak	360.00	300	Horizontal	Pass
5**	14450.737	46.36	3.43	68.2	21.84	AV	360.00	300	Horizontal	Pass
6	17091.489	55.52	2.57	88.2	32.68	Peak	198.00	200	Horizontal	Pass
6**	17091.489	46.86	2.57	68.2	21.34	AV	198.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1906.200	44.27	-15.83	88.2	43.93	Peak	281.00	400	Vertical	Pass
1**	1906.200	33.21	-15.83	68.2	34.99	AV	281.00	400	Vertical	Pass
2	2663.600	51.06	-10.57	88.2	37.14	Peak	80.00	100	Vertical	Pass
2**	2663.600	40.82	-10.57	68.2	27.38	AV	80.00	100	Vertical	Pass
3	6888.000	92.52	0.20	--	--	Peak	0.00	100	Vertical	N/A
3**	6888.000	84.73	0.20	--	--	AV	0.00	100	Vertical	N/A
4	7964.750	53.27	2.17	88.2	34.93	Peak	191.00	100	Vertical	Pass
4**	7964.750	44.51	2.17	68.2	23.69	AV	191.00	100	Vertical	Pass
5	14428.162	55.21	2.78	88.2	32.99	Peak	309.00	300	Vertical	Pass
5**	14428.162	45.38	2.78	68.2	22.82	AV	309.00	300	Vertical	Pass
6	16872.824	55.59	3.18	88.2	32.61	Peak	113.00	300	Vertical	Pass
6**	16872.824	46.26	3.18	68.2	21.94	AV	113.00	300	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	2065.500	42.38	-14.00	88.2	45.82	Peak	129.00	300	Horizontal	Pass
1**	2065.500	31.75	-14.00	68.2	36.45	AV	129.00	300	Horizontal	Pass
2	4815.000	49.43	-3.02	74.0	24.57	Peak	0.00	200	Horizontal	Pass
2**	4815.000	40.91	-3.02	54.0	13.09	AV	0.00	200	Horizontal	Pass
3	6999.000	95.05	-0.61	--	--	Peak	40.00	200	Horizontal	N/A
3**	6999.000	85.85	-0.61	--	--	AV	40.00	200	Horizontal	N/A
4	7316.500	53.79	0.61	74.0	20.21	Peak	104.00	300	Horizontal	Pass
4**	7316.500	44.11	0.61	54.0	9.89	AV	104.00	300	Horizontal	Pass
5	14447.849	55.19	3.38	88.2	33.01	Peak	297.00	300	Horizontal	Pass
5**	14447.849	45.95	3.38	68.2	22.25	AV	297.00	300	Horizontal	Pass
6	17644.313	55.61	4.61	88.2	32.59	Peak	339.00	400	Horizontal	Pass
6**	17644.313	46.65	4.61	68.2	21.55	AV	339.00	400	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	1904.100	43.45	-16.02	88.2	44.75	Peak	286.00	300	Vertical	Pass
1**	1904.100	31.08	-16.02	68.2	37.12	AV	286.00	300	Vertical	Pass
2	2659.400	51.06	-10.96	88.2	37.14	Peak	92.00	200	Vertical	Pass
2**	2659.400	38.13	-10.96	68.2	30.07	AV	92.00	200	Vertical	Pass
3	7007.500	90.32	-0.85	--	--	Peak	360.00	100	Vertical	N/A
3**	7007.500	82.56	-0.85	--	--	AV	360.00	100	Vertical	N/A
4	7984.000	52.89	1.51	88.2	35.31	Peak	59.00	200	Vertical	Pass
4**	7984.000	44.45	1.51	68.2	23.75	AV	59.00	200	Vertical	Pass
5	13750.912	55.14	2.84	88.2	33.06	Peak	65.00	200	Vertical	Pass
5**	13750.912	44.78	2.84	68.2	23.42	AV	65.00	200	Vertical	Pass
6	17542.199	55.55	3.91	88.2	32.65	Peak	145.00	100	Vertical	Pass
6**	17542.199	44.32	3.91	68.2	23.88	AV	145.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2057.000	40.92	-14.27	88.2	47.28	Peak	72.00	200	Horizontal	Pass
1**	2057.000	31.26	-14.27	68.2	36.94	AV	72.00	200	Horizontal	Pass
2	4847.250	49.27	-3.53	74.0	24.73	Peak	279.00	100	Horizontal	Pass
2**	4847.250	40.27	-3.53	54.0	13.73	AV	279.00	100	Horizontal	Pass
3	7088.750	96.05	-0.58	--	--	Peak	17.00	100	Horizontal	N/A
3**	7088.750	87.22	-0.58	--	--	AV	17.00	100	Horizontal	N/A
4	7597.000	53.69	0.53	74.0	20.31	Peak	301.00	300	Horizontal	Pass
4**	7597.000	43.77	0.53	54.0	10.23	AV	301.00	300	Horizontal	Pass
5	14451.262	55.24	3.41	88.2	32.96	Peak	179.00	400	Horizontal	Pass
5**	14451.262	46.33	3.41	68.2	21.87	AV	179.00	400	Horizontal	Pass
6	17652.449	55.94	4.69	88.2	32.26	Peak	149.00	100	Horizontal	Pass
6**	17652.449	45.74	4.69	68.2	22.46	AV	149.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1710.700	43.31	-16.77	88.2	44.89	Peak	251.00	300	Vertical	Pass
1**	1710.700	29.29	-16.77	68.2	38.91	AV	251.00	300	Vertical	Pass
2	2655.300	51.37	-10.57	88.2	36.83	Peak	88.00	100	Vertical	Pass
2**	2655.300	43.99	-10.57	68.2	24.21	AV	88.00	100	Vertical	Pass
3	7079.250	93.43	-0.69	--	--	Peak	359.00	150	Vertical	N/A
3**	7079.250	84.13	-0.69	--	--	AV	359.00	150	Vertical	N/A
4	7964.250	53.63	2.13	88.2	34.57	Peak	96.00	100	Vertical	Pass
4**	7964.250	44.77	2.13	68.2	23.43	AV	96.00	100	Vertical	Pass
5	14412.412	55.21	2.30	88.2	32.99	Peak	203.00	400	Vertical	Pass
5**	14412.412	45.86	2.30	68.2	22.34	AV	203.00	400	Vertical	Pass
6	17113.012	55.56	3.03	88.2	32.64	Peak	212.00	200	Vertical	Pass
6**	17113.012	46.01	3.03	68.2	22.19	AV	212.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2065.600	41.10	-13.97	88.2	47.10	Peak	49.00	400	Horizontal	Pass
1**	2065.600	32.13	-13.97	68.2	36.07	AV	49.00	400	Horizontal	Pass
2	4870.500	48.93	-3.45	74.0	25.07	Peak	189.00	200	Horizontal	Pass
2**	4870.500	40.71	-3.45	54.0	13.29	AV	189.00	200	Horizontal	Pass
3	6869.750	98.89	0.04	--	--	Peak	0.00	150	Horizontal	N/A
3**	6869.750	90.79	0.04	--	--	AV	0.00	150	Horizontal	N/A
4	7988.500	53.19	1.46	88.2	35.01	Peak	79.00	300	Horizontal	Pass
4**	7988.500	44.07	1.46	68.2	24.13	AV	79.00	300	Horizontal	Pass
5	14445.750	55.00	3.32	88.2	33.20	Peak	154.00	100	Horizontal	Pass
5**	14445.750	46.04	3.32	68.2	22.16	AV	154.00	100	Horizontal	Pass
6	16976.512	55.37	2.67	88.2	32.83	Peak	28.00	200	Horizontal	Pass
6**	16976.512	46.52	2.67	68.2	21.68	AV	28.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1906.700	43.91	-16.10	88.2	44.29	Peak	70.00	100	Vertical	Pass
1**	1906.700	30.27	-16.10	68.2	37.93	AV	70.00	100	Vertical	Pass
2	2660.400	51.84	-10.79	88.2	36.36	Peak	90.00	400	Vertical	Pass
2**	2660.400	40.54	-10.79	68.2	27.66	AV	90.00	400	Vertical	Pass
3	6869.750	91.63	0.04	--	--	Peak	358.00	100	Vertical	N/A
3**	6869.750	83.36	0.04	--	--	AV	358.00	100	Vertical	N/A
4	7969.500	55.23	1.57	88.2	32.97	Peak	100.00	300	Vertical	Pass
4**	7969.500	44.26	1.57	68.2	23.94	AV	100.00	300	Vertical	Pass
5	14413.987	54.62	2.35	88.2	33.58	Peak	140.00	400	Vertical	Pass
5**	14413.987	45.05	2.35	68.2	23.15	AV	140.00	400	Vertical	Pass
6	17100.412	55.78	2.82	88.2	32.42	Peak	65.00	400	Vertical	Pass
6**	17100.412	45.86	2.82	68.2	22.34	AV	65.00	400	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	2076.500	40.99	-14.42	88.2	47.21	Peak	308.00	100	Horizontal	Pass
1**	2076.500	31.44	-14.42	68.2	36.76	AV	308.00	100	Horizontal	Pass
2	4878.000	49.39	-3.48	74.0	24.61	Peak	332.00	100	Horizontal	Pass
2**	4878.000	40.70	-3.48	54.0	13.30	AV	332.00	100	Horizontal	Pass
3	6950.750	98.93	-0.35	--	--	Peak	360.00	150	Horizontal	N/A
3**	6950.750	90.41	-0.35	--	--	AV	360.00	150	Horizontal	N/A
4	7600.750	53.76	0.83	74.0	20.24	Peak	164.00	400	Horizontal	Pass
4**	7600.750	43.71	0.83	54.0	10.29	AV	164.00	400	Horizontal	Pass
5	14460.188	55.64	3.17	88.2	32.56	Peak	272.00	400	Horizontal	Pass
5**	14460.188	46.77	3.17	68.2	21.43	AV	272.00	400	Horizontal	Pass
6	16980.975	55.38	2.53	88.2	32.82	Peak	249.00	400	Horizontal	Pass
6**	16980.975	45.70	2.53	68.2	22.50	AV	249.00	400	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	1908.000	43.45	-15.86	88.2	44.75	Peak	78.00	300	Vertical	Pass
1**	1908.000	31.11	-15.86	68.2	37.09	AV	78.00	300	Vertical	Pass
2	2665.900	51.99	-10.22	88.2	36.21	Peak	86.00	100	Vertical	Pass
2**	2665.900	39.74	-10.22	68.2	28.46	AV	86.00	100	Vertical	Pass
3	6948.250	93.32	-0.88	--	--	Peak	16.00	200	Vertical	N/A
3**	6948.250	85.33	-0.88	--	--	AV	16.00	200	Vertical	N/A
4	7966.250	53.08	2.18	88.2	35.12	Peak	301.00	300	Vertical	Pass
4**	7966.250	44.92	2.18	68.2	23.28	AV	301.00	300	Vertical	Pass
5	14454.938	55.20	3.31	88.2	33.00	Peak	264.00	200	Vertical	Pass
5**	14454.938	47.21	3.31	68.2	20.99	AV	264.00	200	Vertical	Pass
6	16976.512	54.95	2.67	88.2	33.25	Peak	360.00	200	Vertical	Pass
6**	16976.512	45.92	2.67	68.2	22.28	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2092.400	41.42	-14.26	88.2	46.78	Peak	129.00	100	Horizontal	Pass
1**	2092.400	32.88	-14.26	68.2	35.32	AV	129.00	100	Horizontal	Pass
2	4818.250	49.90	-3.07	74.0	24.10	Peak	300.00	400	Horizontal	Pass
2**	4818.250	41.37	-3.07	54.0	12.63	AV	300.00	400	Horizontal	Pass
3	7021.250	95.11	-0.87	--	--	Peak	40.00	150	Horizontal	N/A
3**	7021.250	87.54	-0.87	--	--	AV	40.00	150	Horizontal	N/A
4	7967.250	53.62	2.15	88.2	34.58	Peak	191.00	200	Horizontal	Pass
4**	7967.250	44.22	2.15	68.2	23.98	AV	191.00	200	Horizontal	Pass
5	14454.674	55.00	3.32	88.2	33.20	Peak	55.00	100	Horizontal	Pass
5**	14454.674	46.82	3.32	68.2	21.38	AV	55.00	100	Horizontal	Pass
6	17403.599	55.98	5.44	88.2	32.22	Peak	150.00	100	Horizontal	Pass
6**	17403.599	46.66	5.44	68.2	21.54	AV	150.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1907.500	44.20	-15.74	88.2	44.00	Peak	290.00	400	Vertical	Pass
1**	1907.500	31.70	-15.74	68.2	36.50	AV	290.00	400	Vertical	Pass
2	2664.100	51.38	-10.43	88.2	36.82	Peak	91.00	200	Vertical	Pass
2**	2664.100	40.91	-10.43	68.2	27.29	AV	91.00	200	Vertical	Pass
3	7027.500	93.56	-0.75	--	--	Peak	351.00	150	Vertical	N/A
3**	7027.500	84.32	-0.75	--	--	AV	351.00	150	Vertical	N/A
4	7583.500	53.55	0.91	74.0	20.45	Peak	0.00	100	Vertical	Pass
4**	7583.500	44.21	0.91	54.0	9.79	AV	0.00	100	Vertical	Pass
5	14439.975	54.71	3.14	88.2	33.49	Peak	70.00	100	Vertical	Pass
5**	14439.975	46.72	3.14	68.2	21.48	AV	70.00	100	Vertical	Pass
6	17014.574	55.64	1.80	88.2	32.56	Peak	45.00	300	Vertical	Pass
6**	17014.574	45.88	1.80	68.2	22.32	AV	45.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2053.800	41.16	-14.03	88.2	47.04	Peak	5.00	400	Horizontal	Pass
1**	2053.800	31.95	-14.03	68.2	36.25	AV	5.00	400	Horizontal	Pass
2	4830.750	49.35	-3.78	74.0	24.65	Peak	0.00	200	Horizontal	Pass
2**	4830.750	40.94	-3.78	54.0	13.06	AV	0.00	200	Horizontal	Pass
3	6820.250	100.11	-1.86	--	--	Peak	360.00	150	Horizontal	N/A
3**	6820.250	91.39	-1.86	--	--	AV	360.00	150	Horizontal	N/A
4	7202.500	53.67	0.73	88.2	34.53	Peak	42.00	400	Horizontal	Pass
4**	7202.500	44.97	0.73	68.2	23.23	AV	42.00	400	Horizontal	Pass
5	14466.487	54.96	2.99	88.2	33.24	Peak	342.00	300	Horizontal	Pass
5**	14466.487	46.26	2.99	68.2	21.94	AV	342.00	300	Horizontal	Pass
6	16989.113	55.55	2.29	88.2	32.65	Peak	0.00	200	Horizontal	Pass
6**	16989.113	46.79	2.29	68.2	21.41	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1902.800	44.88	-15.71	88.2	43.32	Peak	287.00	200	Vertical	Pass
1**	1902.800	36.13	-15.71	68.2	32.07	AV	287.00	200	Vertical	Pass
2	2661.500	51.14	-10.41	88.2	37.06	Peak	91.00	400	Vertical	Pass
2**	2661.500	39.45	-10.41	68.2	28.75	AV	91.00	400	Vertical	Pass
3	6808.500	92.33	-1.21	--	--	Peak	355.00	100	Vertical	N/A
3**	6808.500	84.21	-1.21	--	--	AV	355.00	100	Vertical	N/A
4	7200.250	53.89	0.40	88.2	34.31	Peak	360.00	200	Vertical	Pass
4**	7200.250	44.04	0.40	68.2	24.16	AV	360.00	200	Vertical	Pass
5	14367.000	55.35	1.79	88.2	32.85	Peak	247.00	400	Vertical	Pass
5**	14367.000	44.15	1.79	68.2	24.05	AV	247.00	400	Vertical	Pass
6	16881.225	55.30	3.04	88.2	32.90	Peak	357.00	300	Vertical	Pass
6**	16881.225	45.12	3.04	68.2	23.08	AV	357.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2070.800	40.86	-14.04	88.2	47.34	Peak	143.00	100	Horizontal	Pass
1**	2070.800	31.63	-14.04	68.2	36.57	AV	143.00	100	Horizontal	Pass
2	4817.750	49.41	-2.86	74.0	24.59	Peak	360.00	300	Horizontal	Pass
2**	4817.750	40.44	-2.86	54.0	13.56	AV	360.00	300	Horizontal	Pass
3	6971.500	99.44	-0.25	--	--	Peak	18.00	150	Horizontal	N/A
3**	6971.500	90.13	-0.25	--	--	AV	18.00	150	Horizontal	N/A
4	7223.000	63.27	-0.96	88.2	24.93	Peak	123.00	300	Horizontal	Pass
4**	7223.000	55.03	-0.96	68.2	13.17	AV	123.00	300	Horizontal	Pass
5	14478.562	54.53	2.66	74.0	19.47	Peak	52.00	200	Horizontal	Pass
5**	14478.562	46.12	2.66	54.0	7.88	AV	52.00	200	Horizontal	Pass
6	17429.324	55.29	5.51	88.2	32.91	Peak	101.00	400	Horizontal	Pass
6**	17429.324	45.38	5.51	68.2	22.82	AV	101.00	400	Horizontal	Pass

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

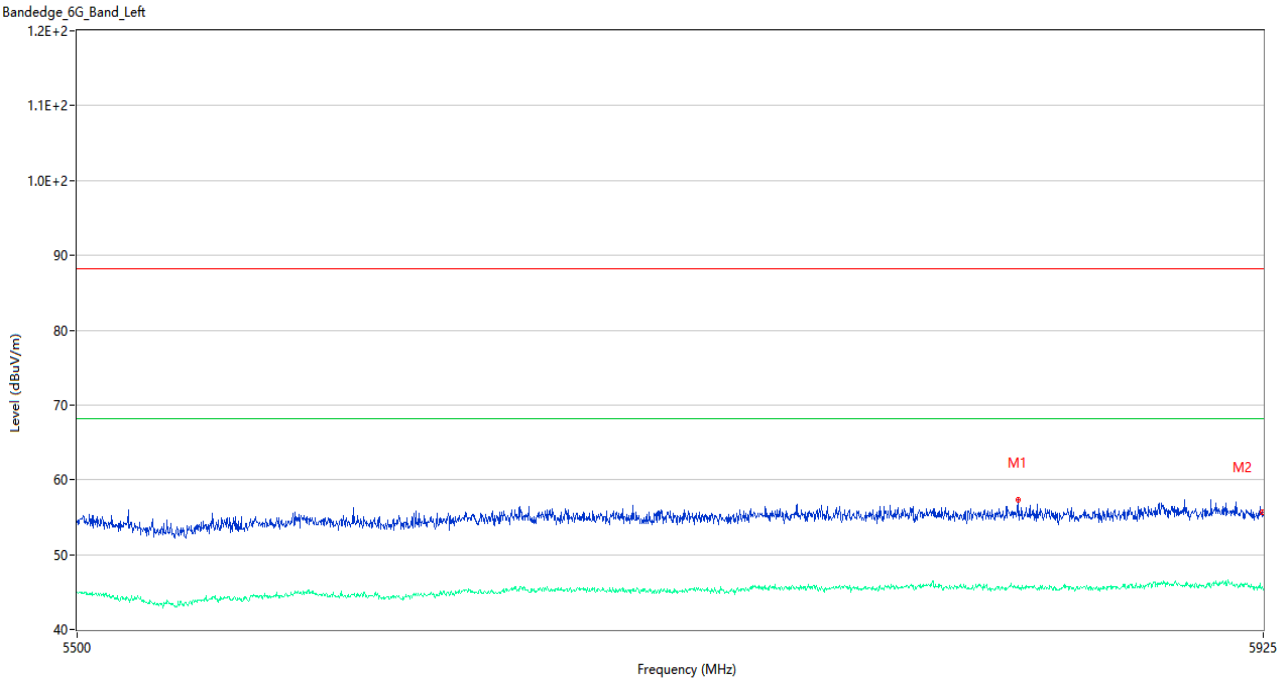
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1829.700	44.74	-16.66	88.2	43.46	Peak	290.00	300	Vertical	Pass
1**	1829.700	30.60	-16.66	68.2	37.60	AV	290.00	300	Vertical	Pass
2	2660.300	51.44	-10.75	88.2	36.76	Peak	290.00	400	Vertical	Pass
2**	2660.300	41.06	-10.75	68.2	27.14	AV	290.00	400	Vertical	Pass
3	6987.750	94.30	-0.23	--	--	Peak	16.00	200	Vertical	N/A
3**	6987.750	86.82	-0.23	--	--	AV	16.00	200	Vertical	N/A
4	7207.750	61.67	-0.28	88.2	26.53	Peak	360.00	300	Vertical	Pass
4**	7207.750	51.06	-0.28	68.2	17.14	AV	360.00	300	Vertical	Pass
5	14448.375	55.12	3.40	88.2	33.08	Peak	308.00	300	Vertical	Pass
5**	14448.375	45.96	3.40	68.2	22.24	AV	308.00	300	Vertical	Pass
6	17614.911	55.60	4.29	88.2	32.60	Peak	244.00	400	Vertical	Pass
6**	17614.911	46.10	4.29	68.2	22.10	AV	244.00	400	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)	High	Pass
	802.11ax(HE40)	High	Pass
	802.11ax(HE80)	High	Pass
	802.11ax(HE160)	High	Pass

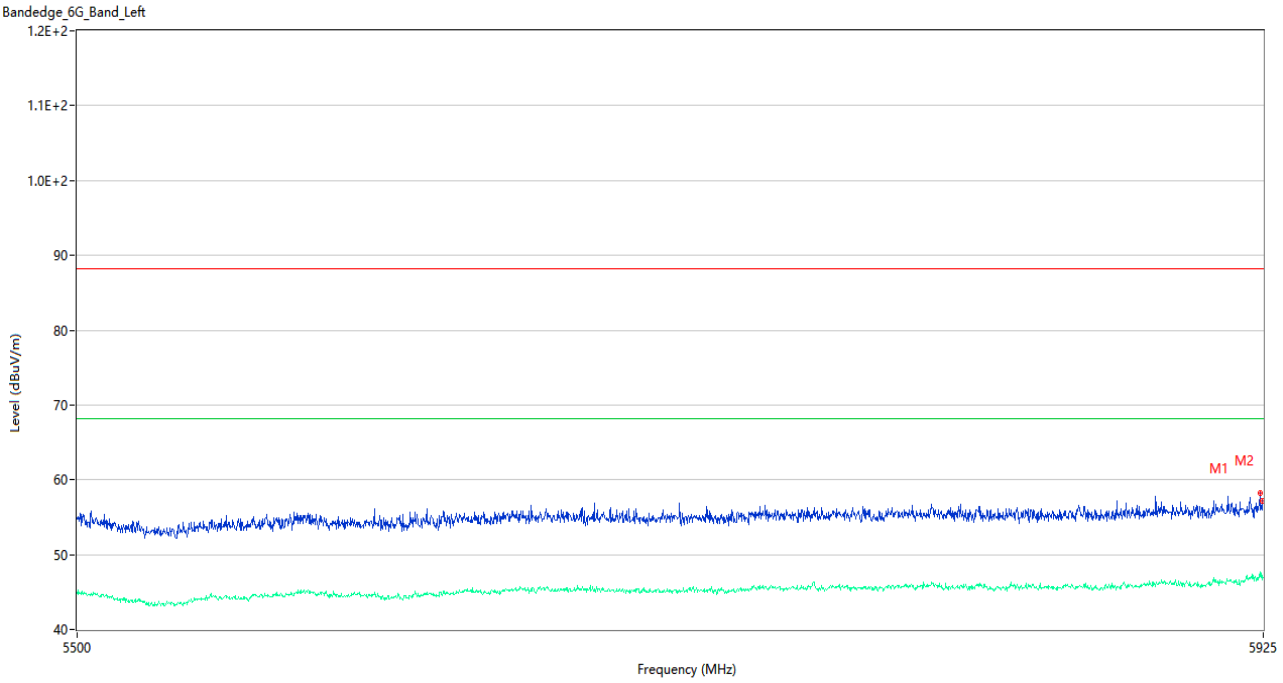
Test Plots

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



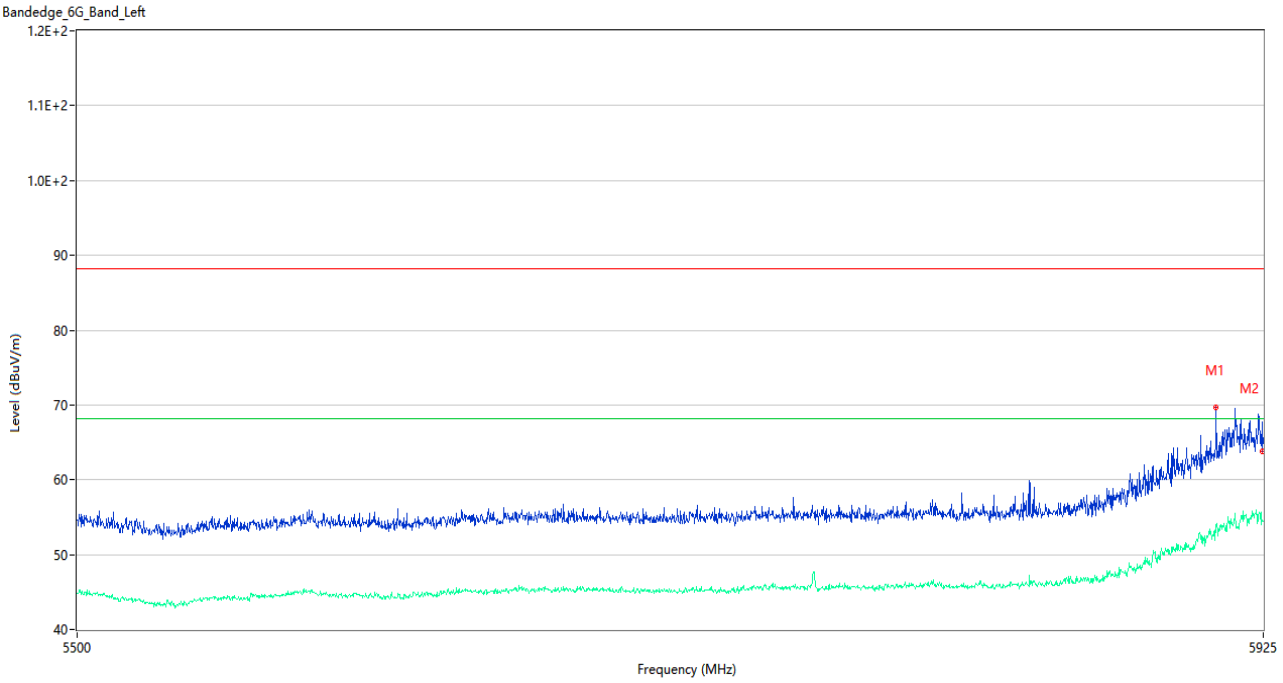
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5834.687	57.34	3.38	88.2	30.86	Peak	320.00	100	Horizontal	Pass
1**	5834.687	45.60	3.38	68.2	22.60	AV	320.00	100	Horizontal	Pass
2	5924.788	55.64	3.50	88.2	32.56	Peak	180.00	100	Horizontal	Pass
2**	5924.788	45.70	3.50	68.2	22.50	AV	180.00	100	Horizontal	Pass

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



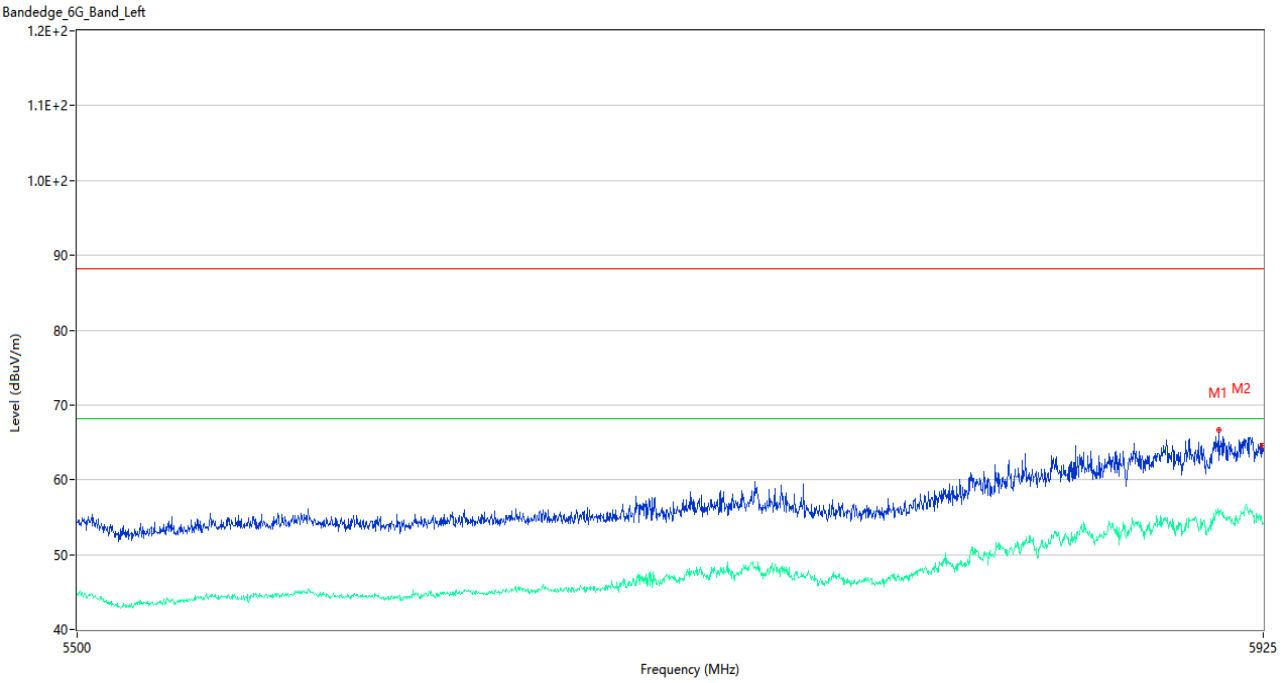
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.725	58.17	3.78	88.2	30.03	Peak	33.00	200	Horizontal	Pass
1**	5923.725	47.71	3.78	68.2	20.49	AV	33.00	200	Horizontal	Pass
2	5924.788	57.12	3.50	88.2	31.08	Peak	29.00	150	Horizontal	Pass
2**	5924.788	46.67	3.50	68.2	21.53	AV	29.00	150	Horizontal	Pass

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



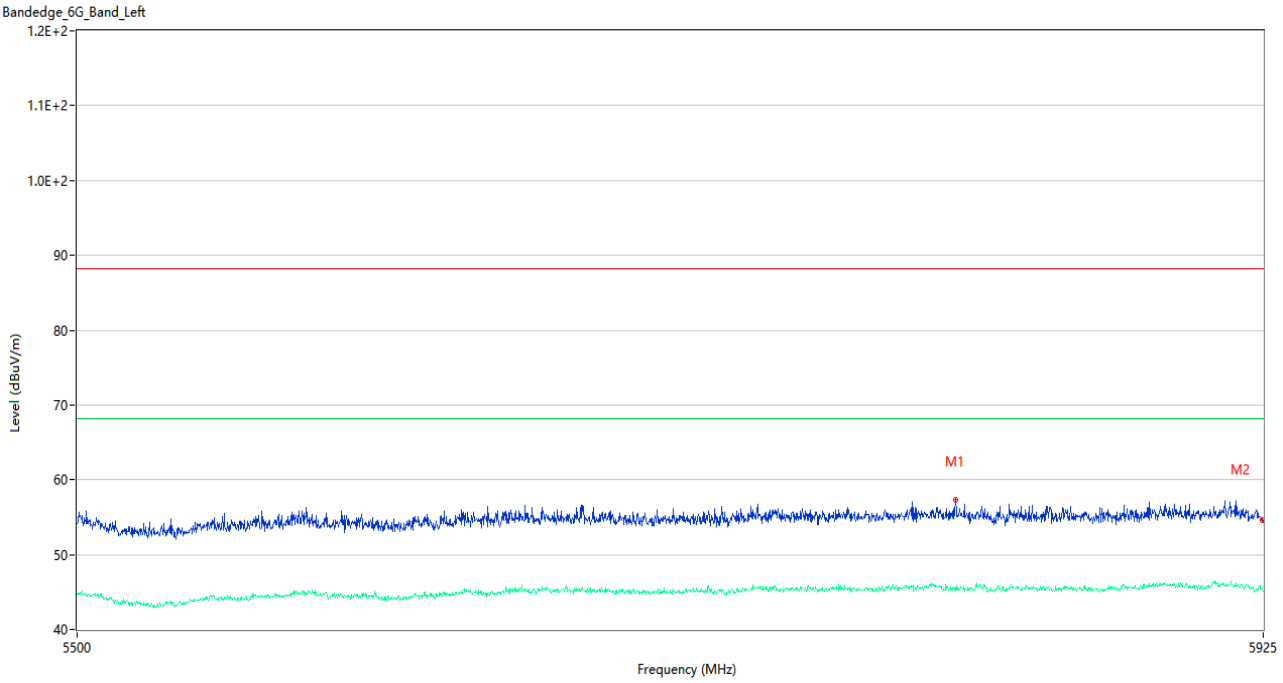
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5907.575	69.71	4.49	88.2	18.49	Peak	156.00	100	Horizontal	Pass
1**	5907.575	54.05	4.49	68.2	14.15	AV	156.00	100	Horizontal	Pass
2	5924.788	63.74	3.50	88.2	24.46	Peak	357.00	100	Horizontal	Pass
2**	5924.788	54.63	3.50	68.2	13.57	AV	357.00	100	Horizontal	Pass

U-NII-5 11ax160 (SU) Low Channel



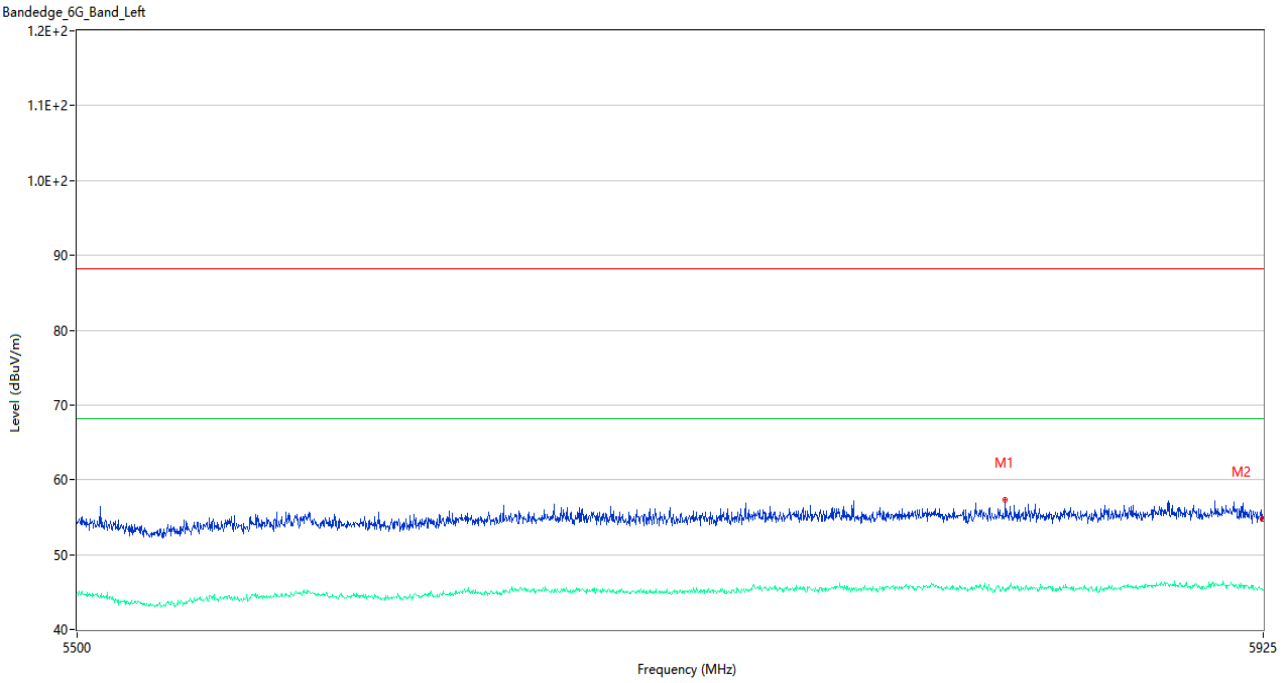
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5908.425	66.64	4.11	88.2	21.56	Peak	198.00	200	Horizontal	Pass
1**	5908.425	55.24	4.11	68.2	12.96	AV	198.00	200	Horizontal	Pass
2	5924.788	64.51	3.50	88.2	23.69	Peak	182.00	200	Horizontal	Pass
2**	5924.788	54.34	3.50	68.2	13.86	AV	182.00	200	Horizontal	Pass

U-NII-5 11ax20 (RU26) Low Channel



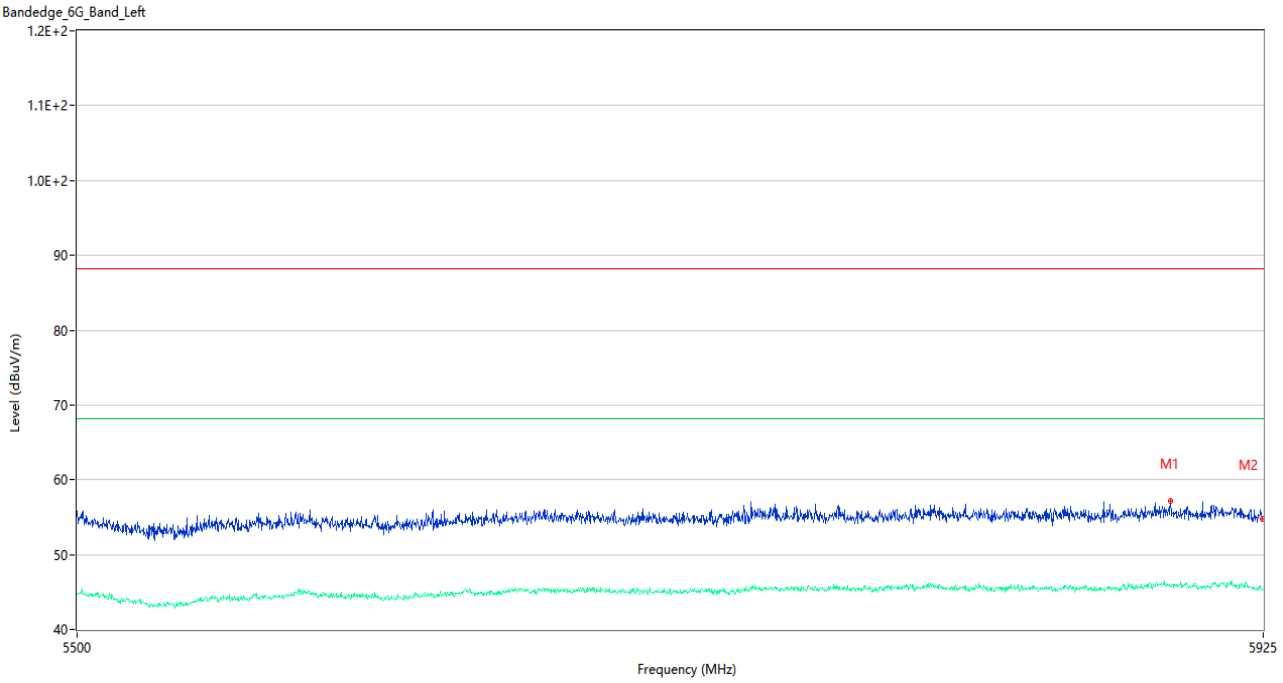
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5811.737	57.39	3.35	88.2	30.81	Peak	281.00	150	Horizontal	Pass
1**	5811.737	45.23	3.35	68.2	22.97	AV	281.00	150	Horizontal	Pass
2	5924.788	54.63	3.50	88.2	33.57	Peak	83.00	200	Horizontal	Pass
2**	5924.788	45.23	3.50	68.2	22.97	AV	83.00	200	Horizontal	Pass

U-NII-5 11ax40 (RU26) Low Channel



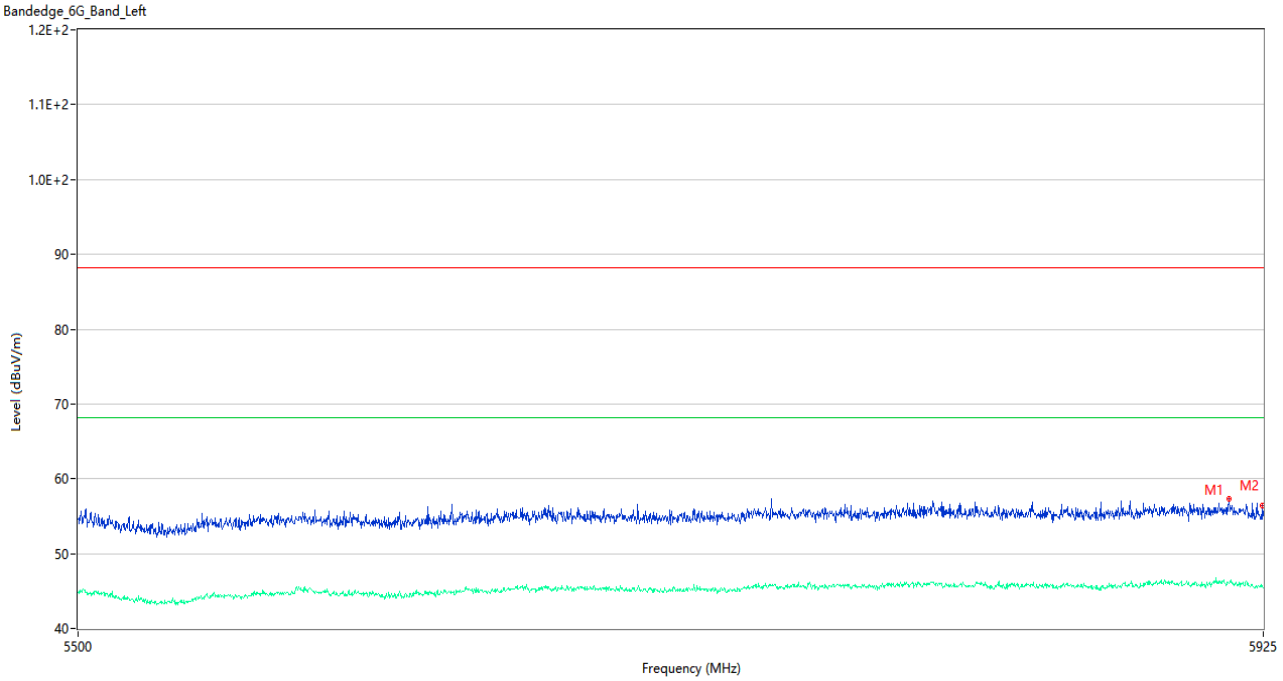
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5829.800	57.29	3.01	88.2	30.91	Peak	299.00	200	Horizontal	Pass
1**	5829.800	45.38	3.01	68.2	22.82	AV	299.00	200	Horizontal	Pass
2	5924.788	54.73	3.50	88.2	33.47	Peak	360.00	150	Horizontal	Pass
2**	5924.788	45.34	3.50	68.2	22.86	AV	360.00	150	Horizontal	Pass

U-NII-5 11ax80 (RU26) Low Channel



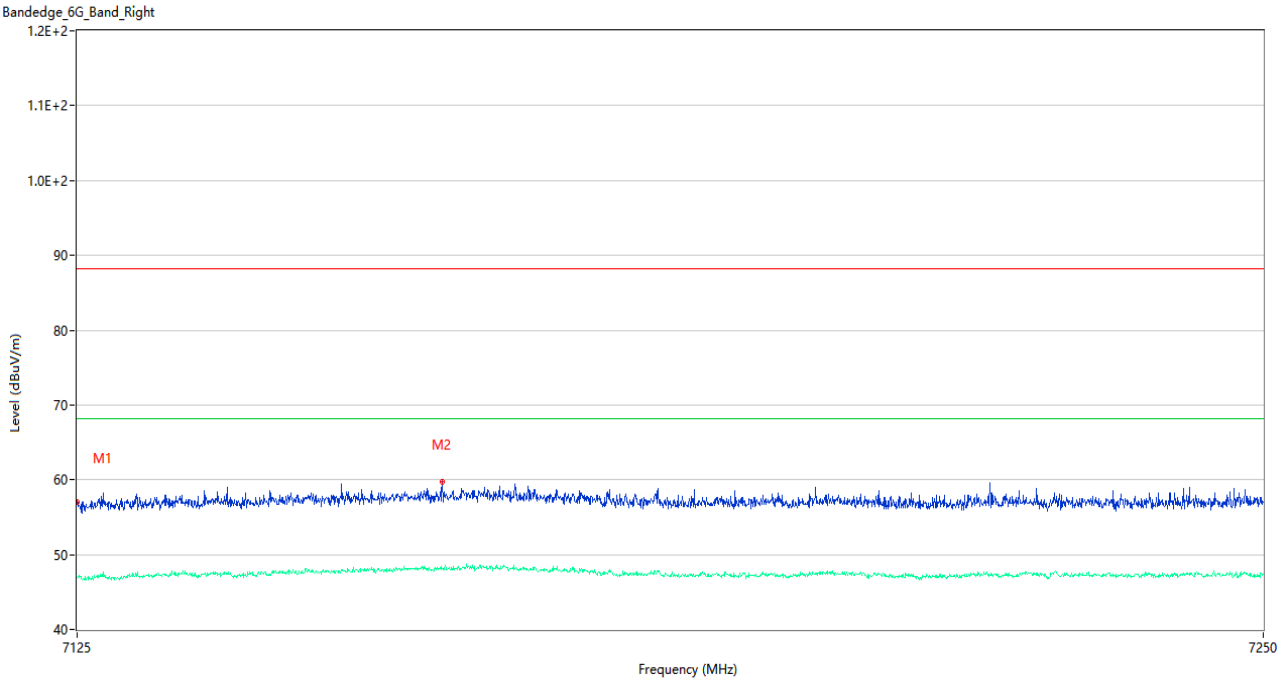
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5890.575	57.11	4.30	88.2	31.09	Peak	351.00	100	Horizontal	Pass
1**	5890.575	45.72	4.30	68.2	22.48	AV	351.00	100	Horizontal	Pass
2	5924.788	54.72	3.50	88.2	33.48	Peak	49.00	200	Horizontal	Pass
2**	5924.788	45.43	3.50	68.2	22.77	AV	49.00	200	Horizontal	Pass

U-NII-5 11ax160 (RU26) Low Channel



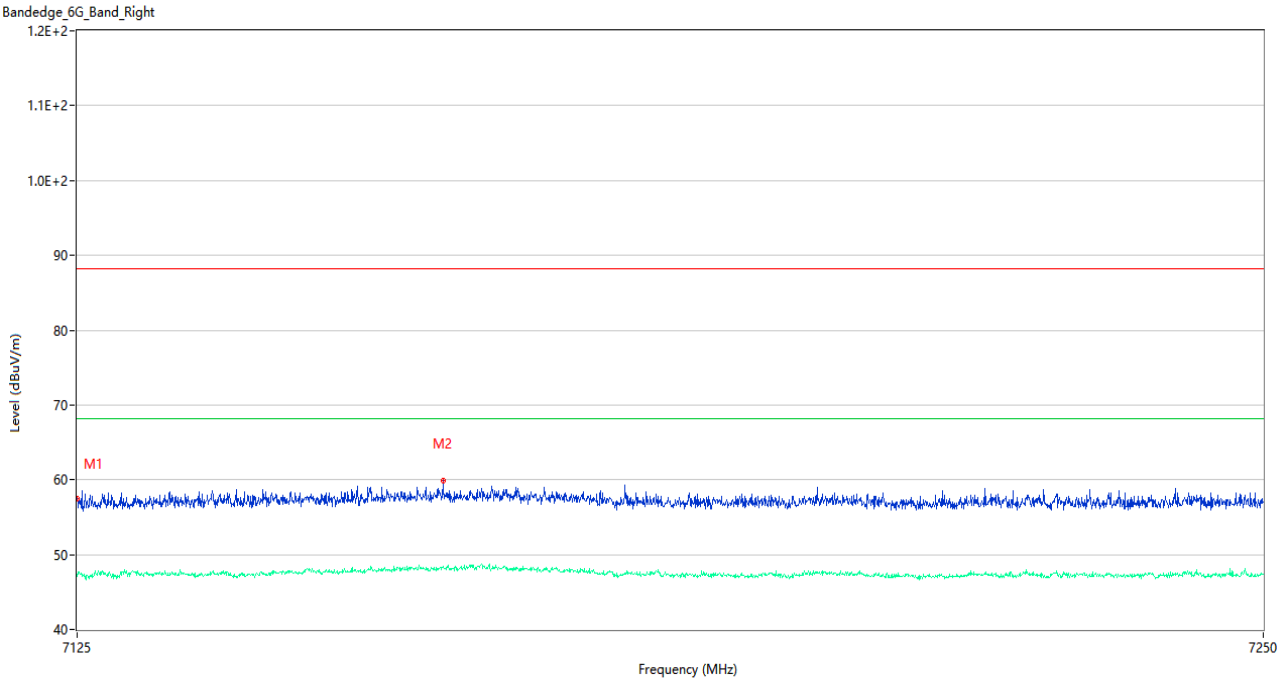
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5912.250	57.33	4.23	88.2	30.87	Peak	144.00	200	Horizontal	Pass
1**	5912.250	46.04	4.23	68.2	22.16	AV	144.00	200	Horizontal	Pass
2	5924.788	56.47	3.50	88.2	31.73	Peak	22.00	200	Horizontal	Pass
2**	5924.788	45.63	3.50	68.2	22.57	AV	22.00	200	Horizontal	Pass

U-NII-8 11ax20 (SU) High Channel



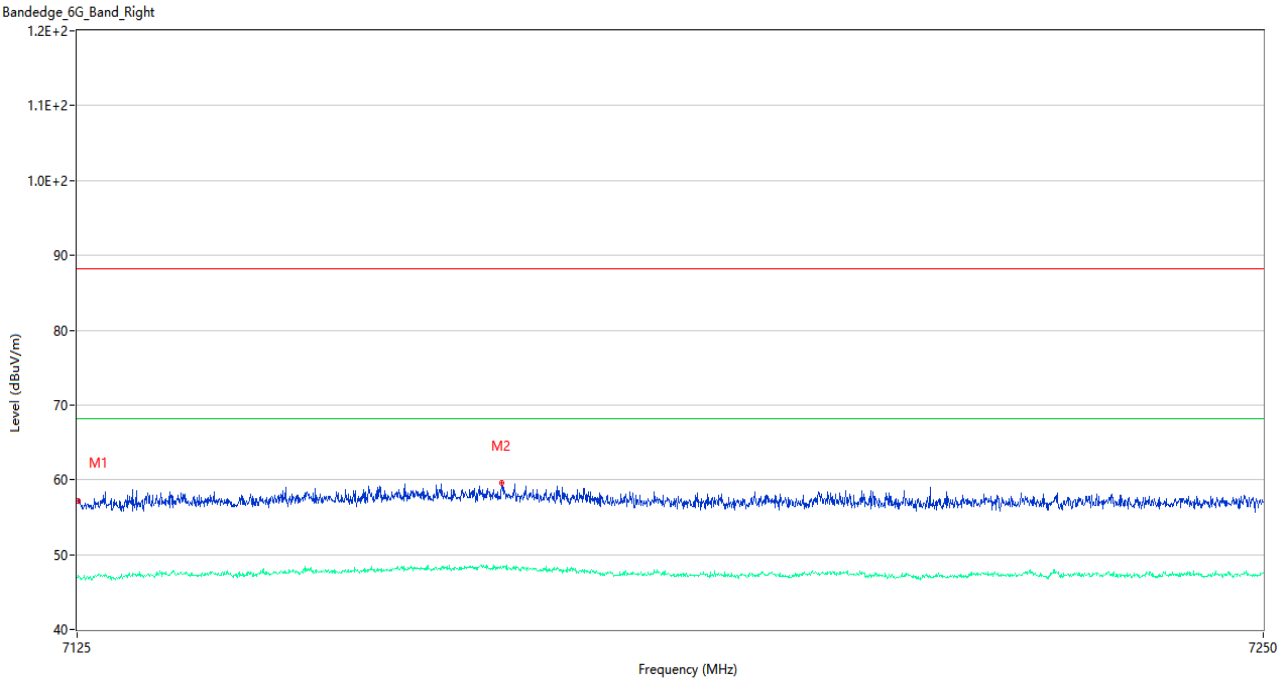
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	57.00	5.76	88.2	31.20	Peak	234.00	150	Horizontal	Pass
1**	7125.000	46.97	5.76	68.2	21.23	AV	234.00	150	Horizontal	Pass
2	7163.250	59.67	6.21	88.2	28.53	Peak	351.00	150	Horizontal	Pass
2**	7163.250	48.09	6.21	68.2	20.11	AV	351.00	150	Horizontal	Pass

U-NII-8 11ax40 (SU) High Channel



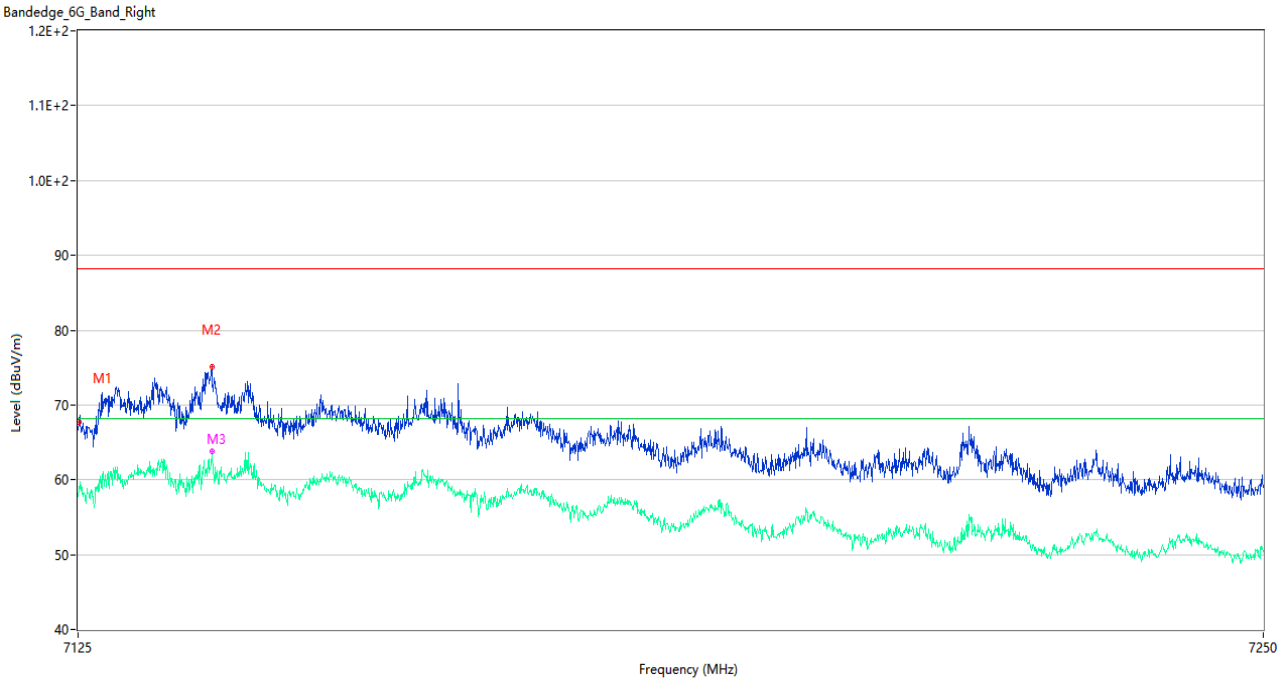
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	57.45	5.76	88.2	30.75	Peak	49.00	150	Horizontal	Pass
1**	7125.000	47.14	5.76	68.2	21.06	AV	49.00	150	Horizontal	Pass
2	7163.313	59.88	6.22	88.2	28.32	Peak	84.00	150	Horizontal	Pass
2**	7163.313	48.24	6.22	68.2	19.96	AV	84.00	150	Horizontal	Pass

U-NII-8 11ax80 (SU) High Channel



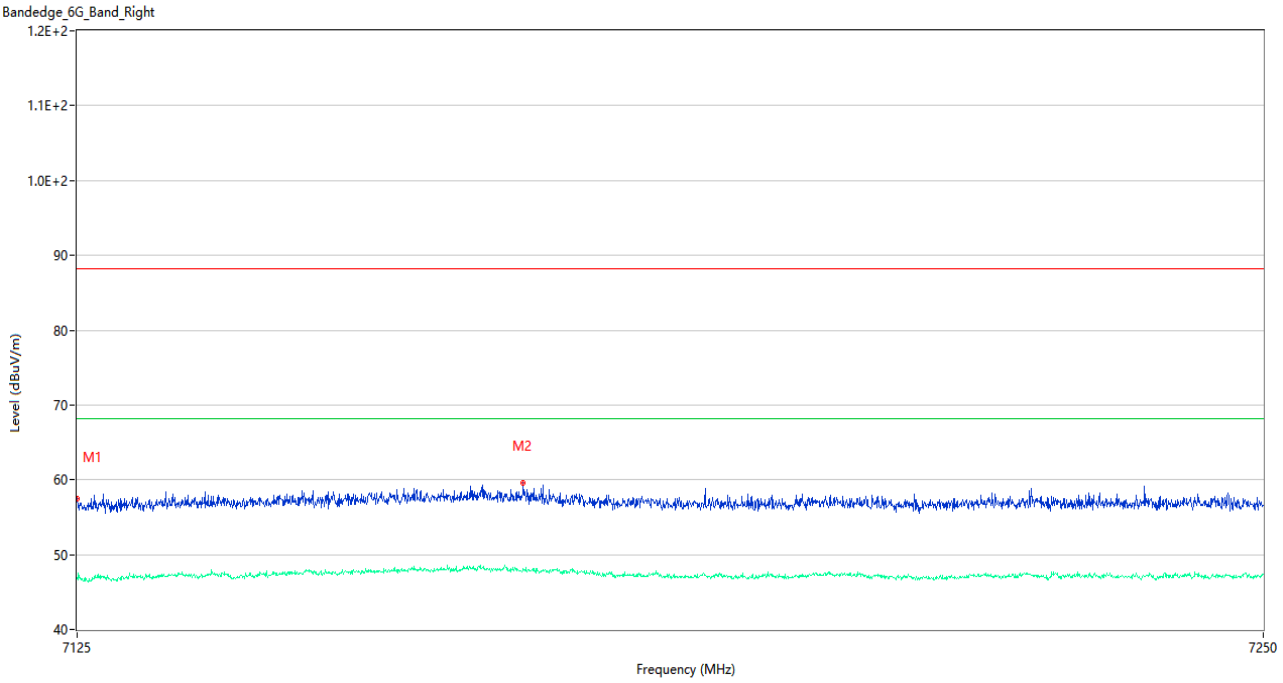
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	57.25	5.79	88.2	30.95	Peak	0.00	150	Horizontal	Pass
1**	7125.063	46.86	5.79	68.2	21.34	AV	0.00	150	Horizontal	Pass
2	7169.500	59.54	6.29	88.2	28.66	Peak	194.00	100	Horizontal	Pass
2**	7169.500	48.21	6.29	68.2	19.99	AV	194.00	100	Horizontal	Pass

U-NII-8 11ax160 (SU) High Channel



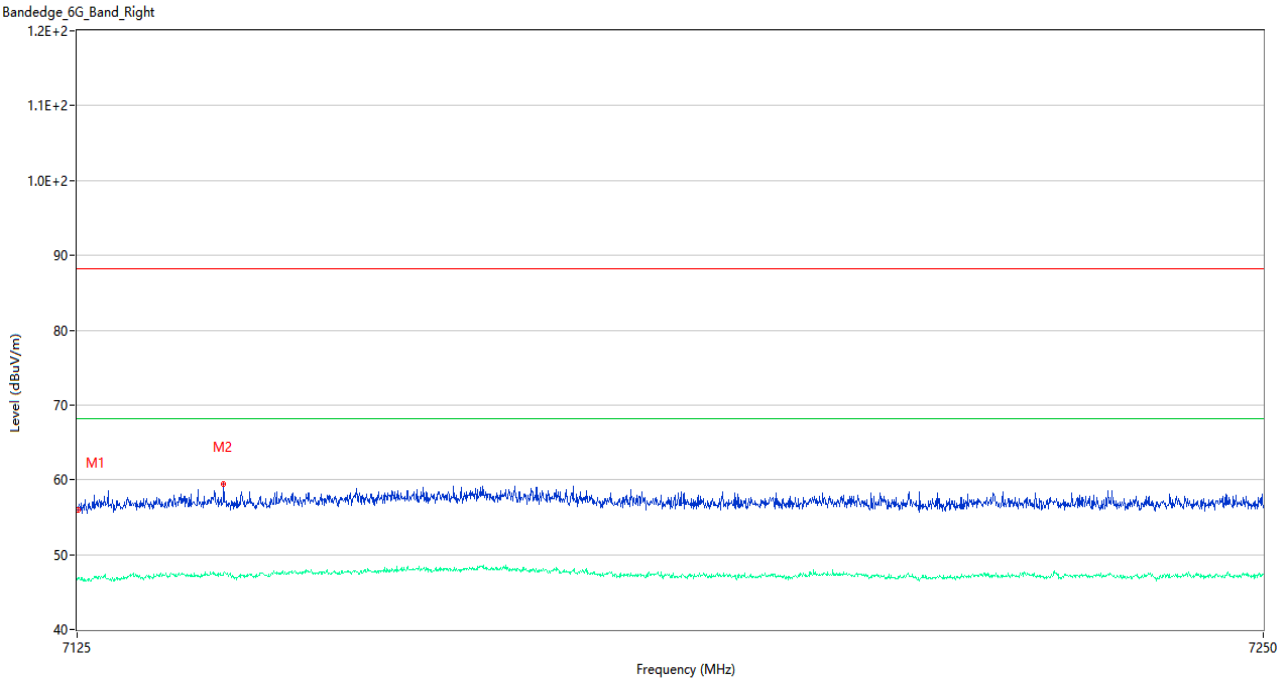
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	67.69	5.79	88.2	20.51	Peak	80.00	150	Horizontal	Pass
1**	7125.063	58.64	5.79	68.2	9.56	AV	80.00	150	Horizontal	Pass
2	7139.000	75.12	5.97	88.2	13.08	Peak	25.00	200	Horizontal	Pass
2**	7139.000	62.46	5.97	68.2	5.74	AV	25.00	200	Horizontal	Pass
3	7139.062	73.04	6.00	88.2	15.16	Peak	30.00	300	Horizontal	Pass
3**	7139.062	63.87	6.00	68.2	4.33	AV	30.00	300	Horizontal	Pass

U-NII-8 11ax20 (RU26) High Channel



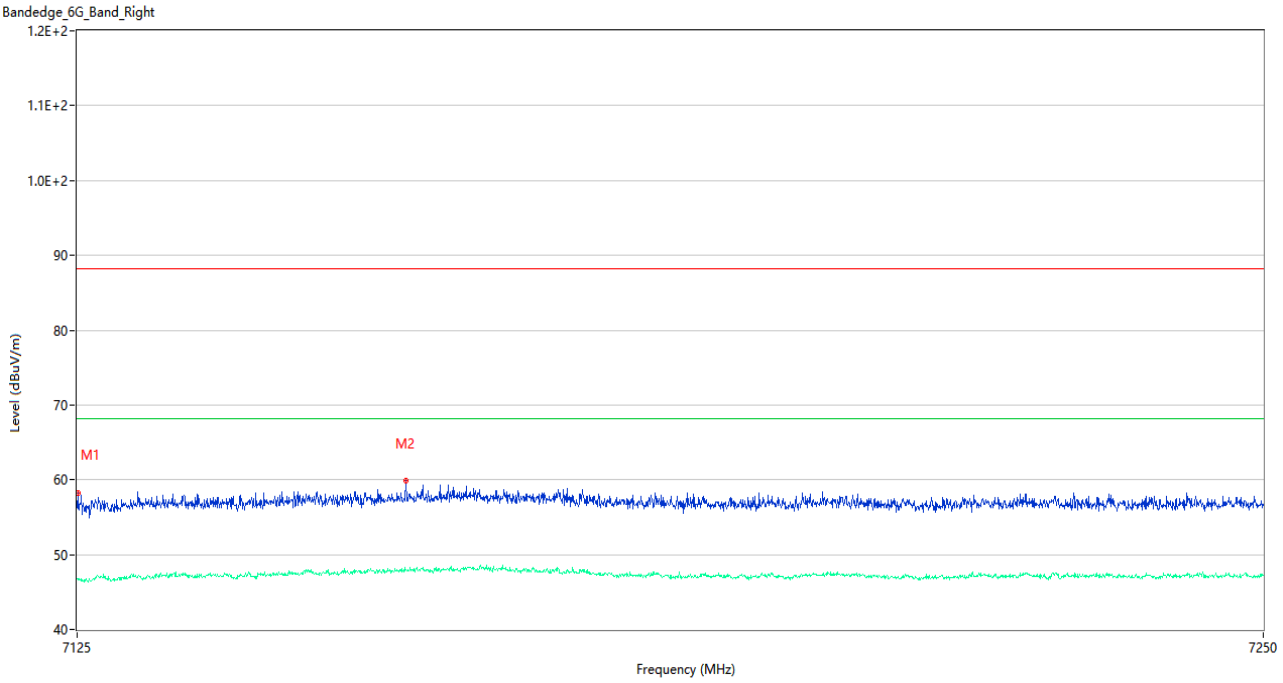
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	57.42	5.76	88.2	30.78	Peak	253.00	200	Horizontal	Pass
1**	7125.000	46.91	5.76	68.2	21.29	AV	253.00	200	Horizontal	Pass
2	7171.750	59.53	6.13	88.2	28.67	Peak	162.00	100	Horizontal	Pass
2**	7171.750	48.19	6.13	68.2	20.01	AV	162.00	100	Horizontal	Pass

U-NII-8 11ax40 (RU26) High Channel



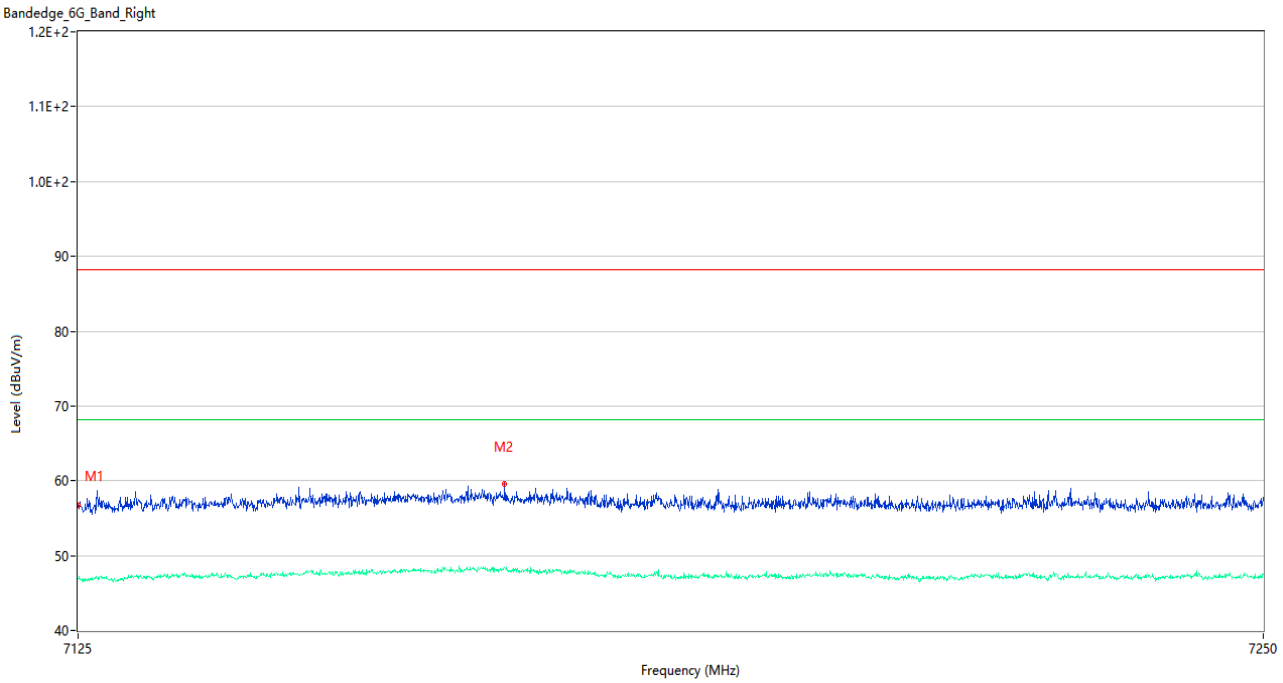
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	56.04	5.79	88.2	32.16	Peak	345.00	150	Horizontal	Pass
1**	7125.063	46.92	5.79	68.2	21.28	AV	345.00	150	Horizontal	Pass
2	7140.313	59.46	5.91	88.2	28.74	Peak	278.00	200	Horizontal	Pass
2**	7140.313	47.35	5.91	68.2	20.85	AV	278.00	200	Horizontal	Pass

U-NII-8 11ax80 (RU26) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	58.17	5.79	88.2	30.03	Peak	21.00	200	Horizontal	Pass
1**	7125.063	46.61	5.79	68.2	21.59	AV	21.00	200	Horizontal	Pass
2	7159.437	59.89	6.14	88.2	28.31	Peak	0.00	200	Horizontal	Pass
2**	7159.437	48.00	6.14	68.2	20.20	AV	0.00	200	Horizontal	Pass

U-NII-8 11ax160 (RU26) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	56.72	5.76	88.2	31.48	Peak	260.00	150	Horizontal	Pass
1**	7125.000	46.95	5.76	68.2	21.25	AV	260.00	150	Horizontal	Pass
2	7169.750	59.57	6.49	88.2	28.63	Peak	216.00	200	Horizontal	Pass
2**	7169.750	48.43	6.49	68.2	19.77	AV	216.00	200	Horizontal	Pass

A.6 Contention Based Protocol

Note: This device does not support channel puncturing mode for incumbent avoidance but bandwidth reduction mechanism is supported.

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted ☐ Radiation	Interference threshold level = -62 dBm (assumes a 0 dBi receive antenna)

Test Data

U-NII-5 (5925 MHz to 6425 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss Note1 (dB)	Adjusted Power Note2 (dBm)	Detection Limit (dBm)	EUT Tx Status Note3
802.11ax (HE20)	37	6135	6135	-73.68	-1.9	0	-71.78	-62	Ceased
				-74.18	-1.9	0	-72.28	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
802.11ax (HE160)	47	6185	6110	-71.14	-1.9	0	-69.24	-62	Ceased
				-71.64	-1.9	0	-69.74	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
			6185	-67.41	-1.9	0	-65.51	-62	Ceased
				-67.91	-1.9	0	-66.01	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
			6260	-72.00	-1.9	0	-70.10	-62	Ceased
				-72.50	-1.9	0	-70.60	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Ceased: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- Normal: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6135	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6185	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	90%	PASS
	6260	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

Test Plots

Plots of Incumbent signal (AWGN) Level

802.11ax (HE20)-Channel 37

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 37

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

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

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

U-NII-6 (6425 MHz to 6525 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss Note1 (dB)	Adjusted Power Note2 (dBm)	Detection Limit (dBm)	EUT Tx Status Note3
802.11ax (HE20)	101	6455	6455	-73.17	-3.5	0	-69.67	-62	Ceased
				-73.67	-3.5	0	-70.17	-62	Minimal
				-82.00	-3.5	0	-78.50	-62	Normal
802.11ax (HE160)	111	6505	6430	-69.96	-3.5	0	-66.46	-62	Ceased
				-70.46	-3.5	0	-66.96	-62	Minimal
				-82.00	-3.5	0	-78.50	-62	Normal
			6505	-69.38	-3.5	0	-65.88	-62	Ceased
				-69.88	-3.5	0	-66.38	-62	Minimal
				-82.00	-3.5	0	-78.50	-62	Normal
			6580	-72.77	-3.5	0	-69.27	-62	Ceased
				-73.27	-3.5	0	-69.77	-62	Minimal
				-82.00	-3.5	0	-78.50	-62	Normal

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Ceased: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- Normal: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6455	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6430	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6505	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	90%	PASS
	6580	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

Test Plots

Plots of Incumbent signal (AWGN) Level

802.11ax (HE20)-Channel 101

802.11ax (HE160)-Channel 111 (Low Edge)

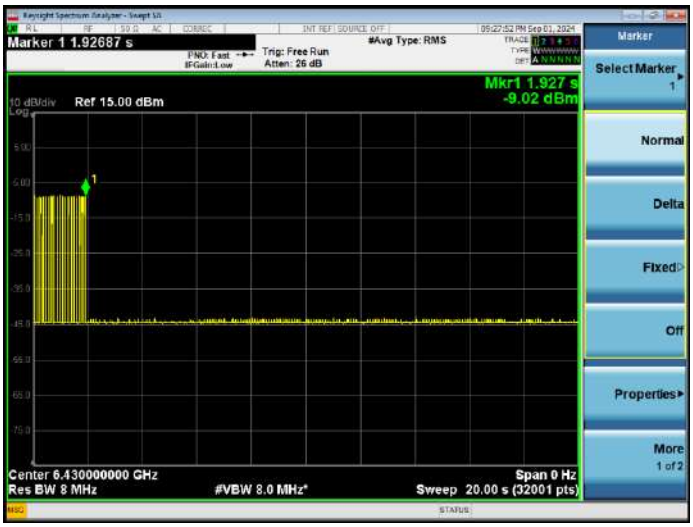
802.11ax (HE160)-Channel 111 (Middle Edge)

802.11ax (HE160)-Channel 111 (High Edge)

Plots of EUT Tx waveform

802.11ax (HE20)-Channel 101

802.11ax (HE160)-Channel 111 (Low Edge)



802.11ax (HE160)-Channel 111 (Middle Edge)

802.11ax (HE160)-Channel 111 (High Edge)

U-NII-7 (6525 MHz to 6875 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss Note1 (dB)	Adjusted Power Note2 (dBm)	Detection Limit (dBm)	EUT Tx Status Note3
802.11ax (HE20)	149	6695	6695	-74.20	-1.2	0	-73.00	-62	Ceased
				-74.70	-1.2	0	-73.50	-62	Minimal
				-82.00	-1.2	0	-80.80	-62	Normal
802.11ax (HE160)	143	6665	6590	-70.52	-1.2	0	-69.32	-62	Ceased
				-71.02	-1.2	0	-69.82	-62	Minimal
				-82.00	-1.2	0	-80.80	-62	Normal
			6665	-67.04	-1.2	0	-65.84	-62	Ceased
				-67.54	-1.2	0	-66.34	-62	Minimal
				-82.00	-1.2	0	-80.80	-62	Normal
			6740	-71.55	-1.2	0	-70.35	-62	Ceased
				-72.05	-1.2	0	-70.85	-62	Minimal
				-82.00	-1.2	0	-80.80	-62	Normal

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Ceased: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- Normal: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6695	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6590	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6665	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6740	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

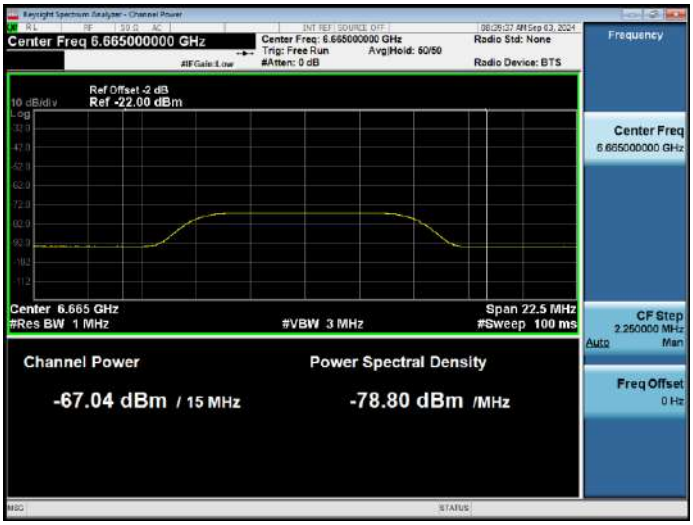
Test Plots

Plots of Incumbent signal(AWGN) Level

802.11ax (HE20)-Channel 149

802.11ax (HE160)-Channel 143 (Low Edge)

802.11ax (HE160)-Channel 143 (Middle Edge)

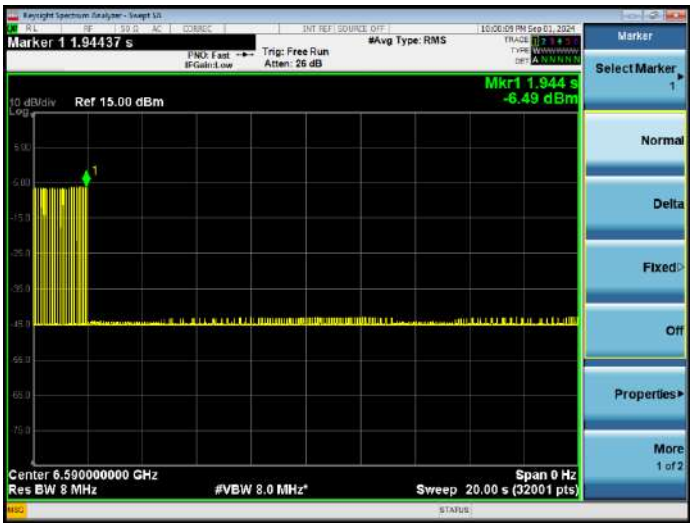


802.11ax (HE160)-Channel 143 (High Edge)

Plots of EUT Tx waveform

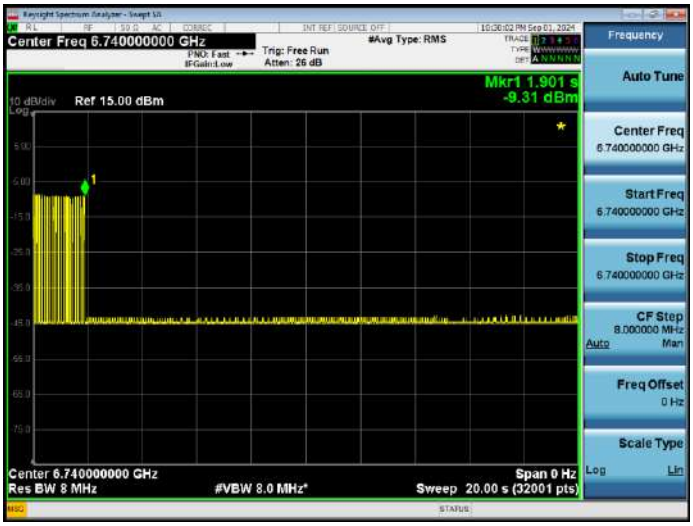
802.11ax (HE20)-Channel 149

802.11ax (HE160)-Channel 143 (Low Edge)



802.11ax (HE160)-Channel 143 (Middle Edge)

802.11ax (HE160)-Channel 143 (High Edge)



U-NII-8 (6875 MHz to 7125 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss Note1 (dB)	Adjusted Power Note2 (dBm)	Detection Limit (dBm)	EUT Tx Status Note3
802.11ax (HE20)	213	7015	7015	-72.48	-1.9	0	-70.58	-62	Ceased
				-72.98	-1.9	0	-71.08	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
802.11ax (HE160)	207	6985	6910	-64.48	-1.9	0	-62.58	-62	Ceased
				-64.98	-1.9	0	-63.08	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
			6985	-65.94	-1.9	0	-64.04	-62	Ceased
				-66.44	-1.9	0	-64.54	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal
			7060	-70.72	-1.9	0	-68.82	-62	Ceased
				-71.22	-1.9	0	-69.32	-62	Minimal
				-82.00	-1.9	0	-80.10	-62	Normal

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Ceased: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- Normal: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	7015	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6910	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6985	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	90%	PASS
	7060	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

Test Plots

Plots of Incumbent signal(AWGN) Level

802.11ax (HE20)-Channel 213

802.11ax (HE160)-Channel 207 (Low Edge)

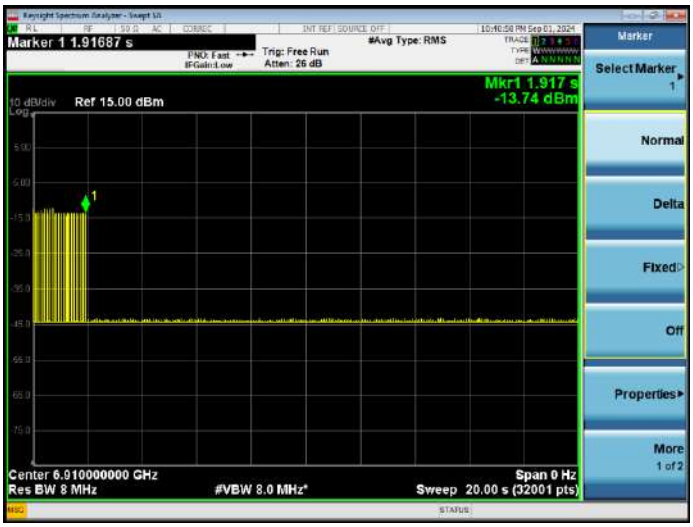
802.11ax (HE160)-Channel 207 (Middle Edge)

802.11ax (HE160)-Channel 207 (High Edge)

Plots of EUT Tx waveform

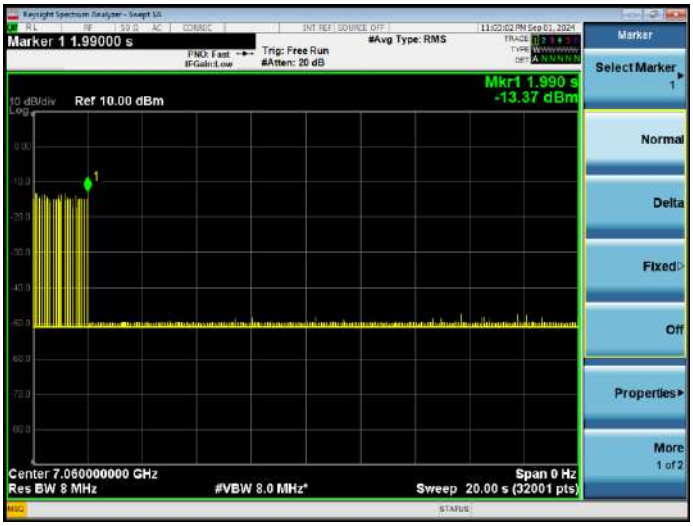
802.11ax (HE20)-Channel 213

802.11ax (HE160)-Channel 207 (Low Edge)



802.11ax (HE160)-Channel 207 (Middle Edge)

802.11ax (HE160)-Channel 207 (High Edge)



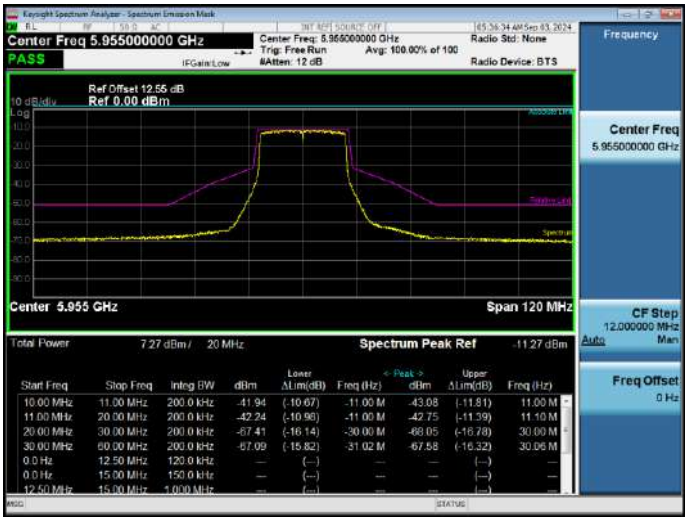
A.7 In-Band Emissions

Note: All the configurations were pre-tested, only the worst configuration has been reported in this report.

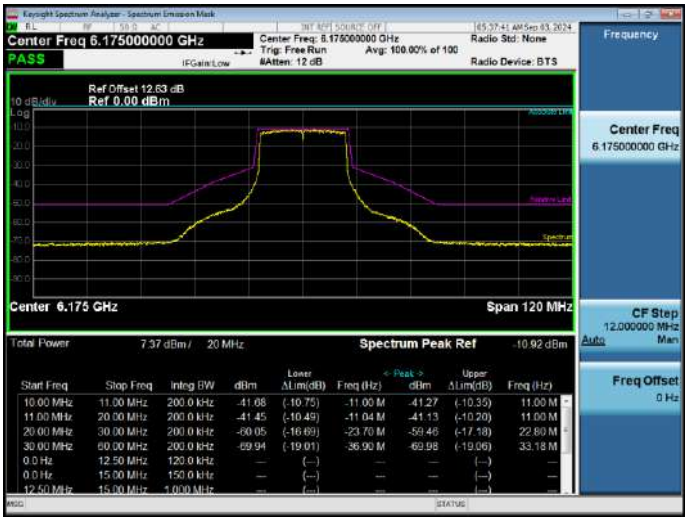
Test Data and Plots

Main Antenna

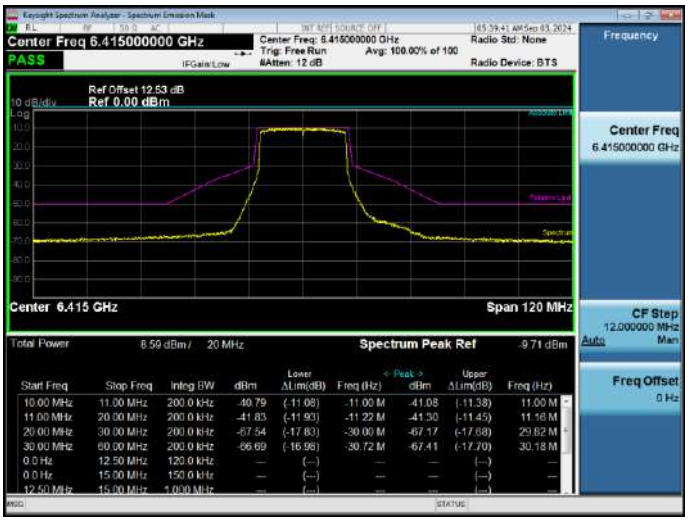
11ax20 (SU), U-NII-5, Low Channel



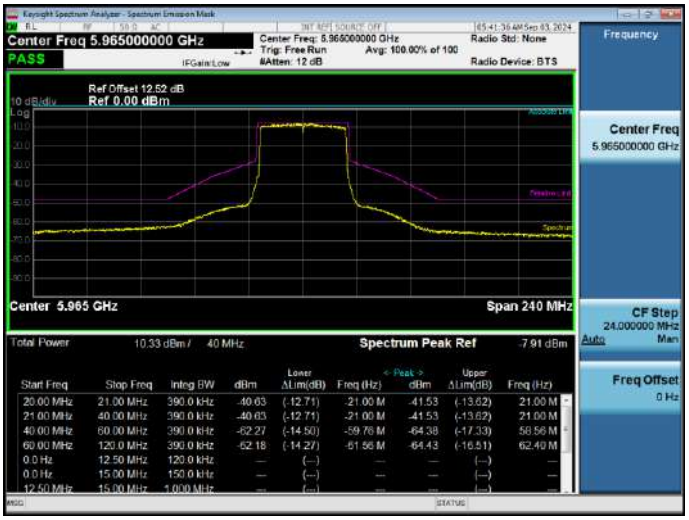
11ax20 (SU), U-NII-5, Middle Channel



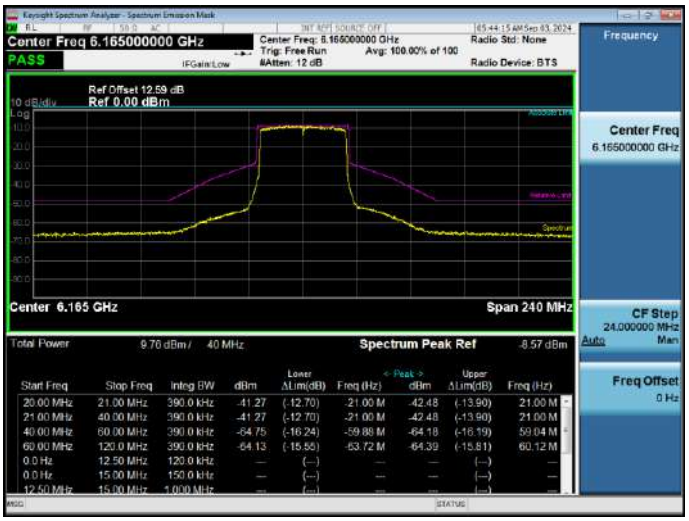
11ax20 (SU), U-NII-5, High Channel



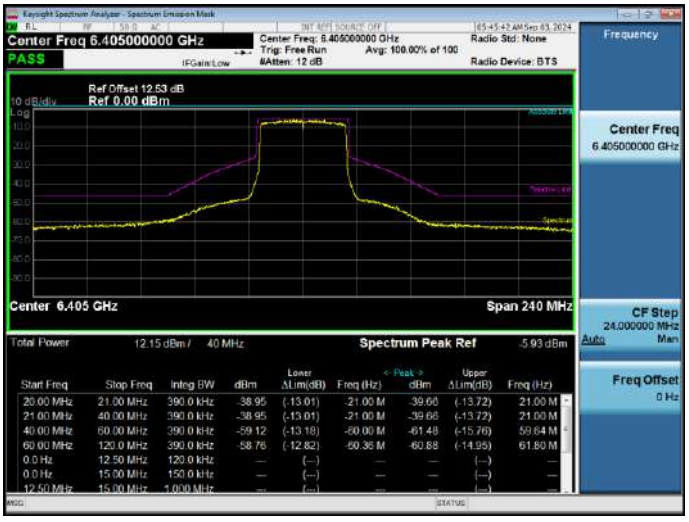
11ax40 (SU), U-NII-5, Low Channel



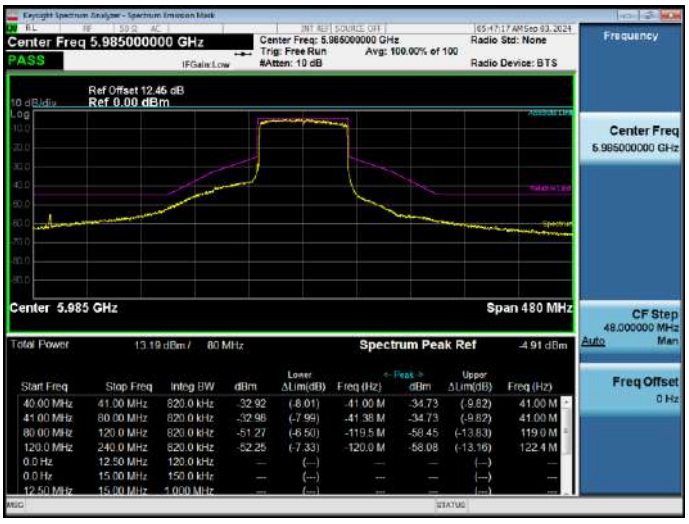
11ax40 (SU), U-NII-5, Middle Channel



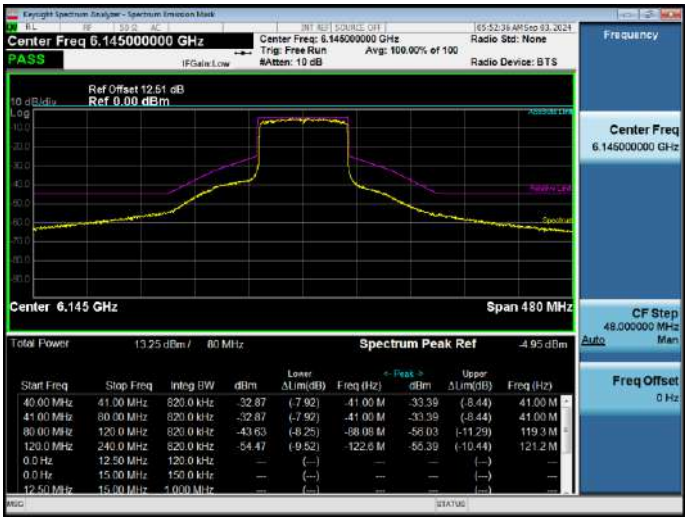
11ax40 (SU), U-NII-5, High Channel



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



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



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

11ax160 (SU), U-NII-5, Low Channel

11ax160 (SU), U-NII-5, Middle Channel

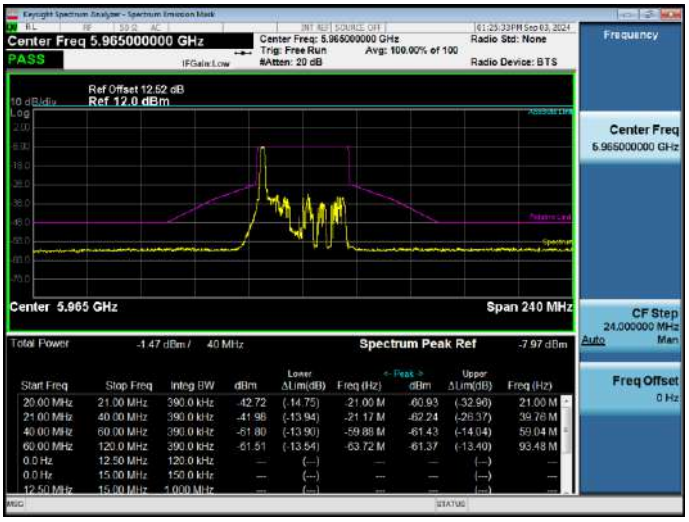
11ax160 (SU), U-NII-5, High Channel

11ax20 (RU26), U-NII-5, Low Channel

11ax20 (RU26), U-NII-5, Middle Channel

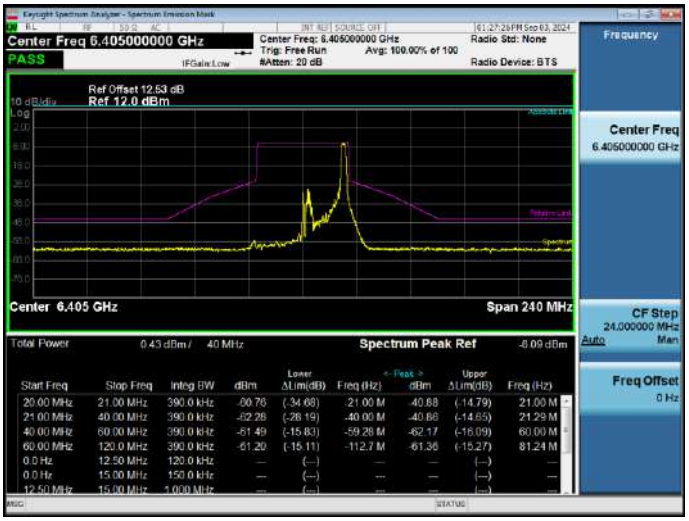
11ax20 (RU26), U-NII-5, High Channel

11ax40 (RU26), U-NII-5, Low Channel



11ax40 (RU26), U-NII-5, Middle Channel

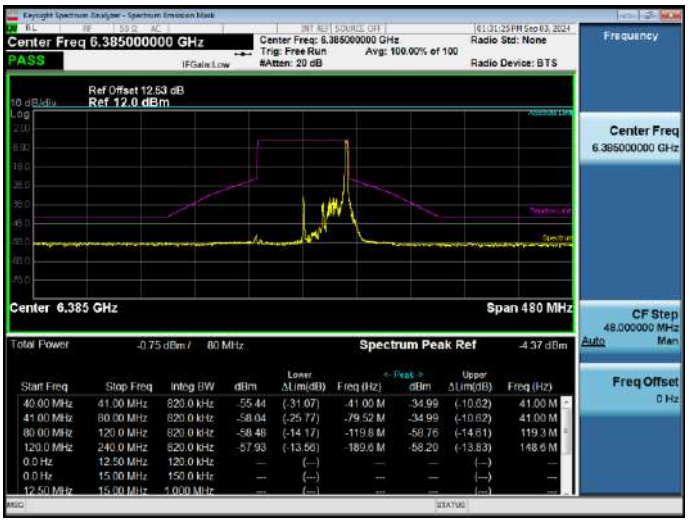
11ax40 (RU26), U-NII-5, High Channel



11ax80 (RU26)), U-NII-5, Low Channel

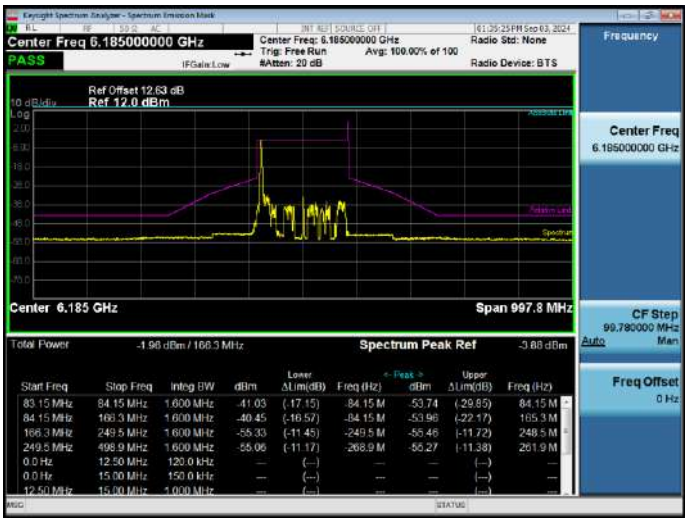
11ax80 (RU26), U-NII-5, Middle Channel

11ax80 (RU26), U-NII-5, High Channel



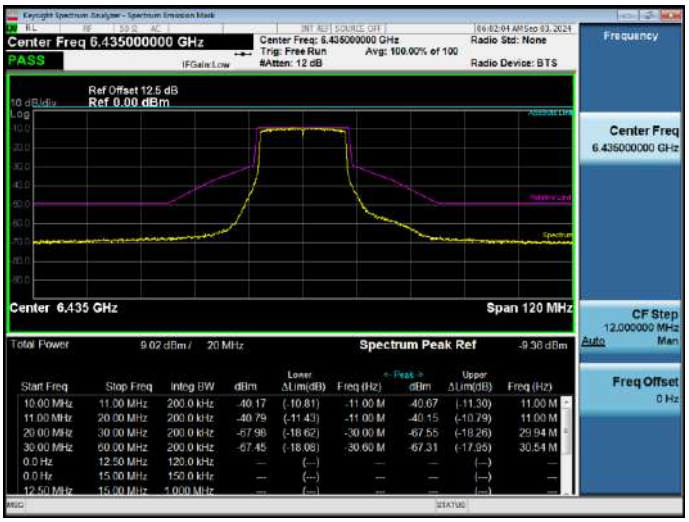
11ax160 (RU26), U-NII-5, Low Channel

11ax160 (RU26), U-NII-5, Middle Channel

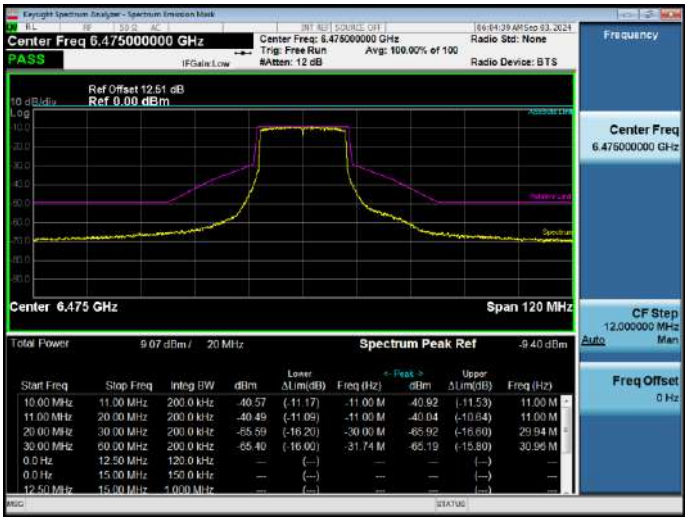


11ax160 (RU26), U-NII-5, High Channel

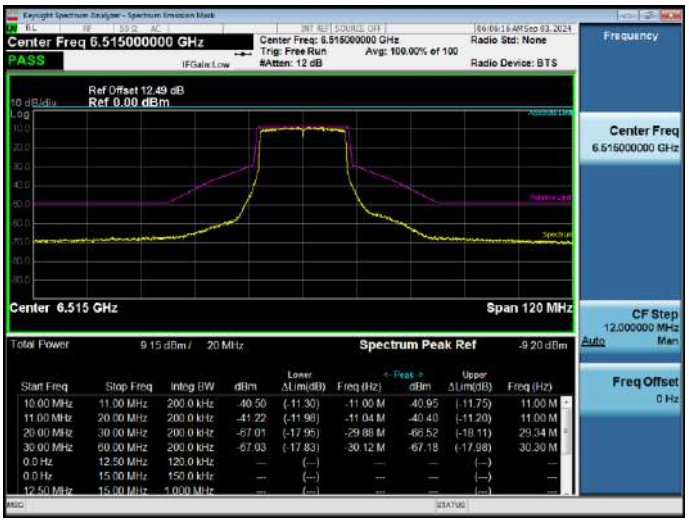
11ax20 (SU), U-NII-6, Low Channel



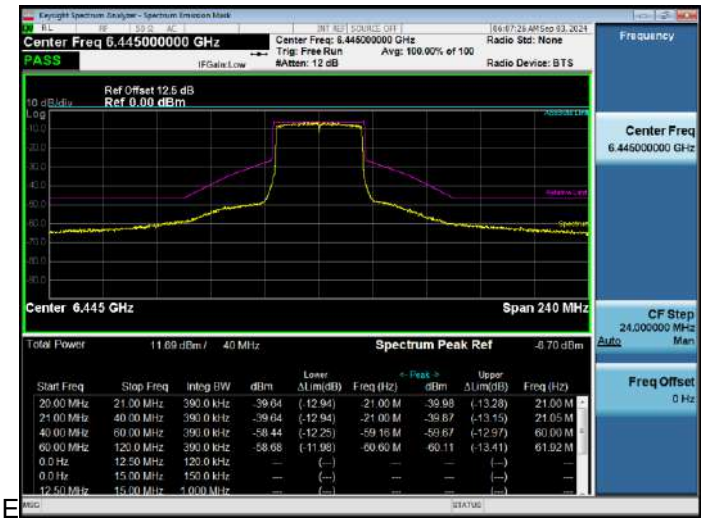
11ax20 (SU), U-NII-6, Middle Channel



11ax20 (SU), U-NII-6, High Channel

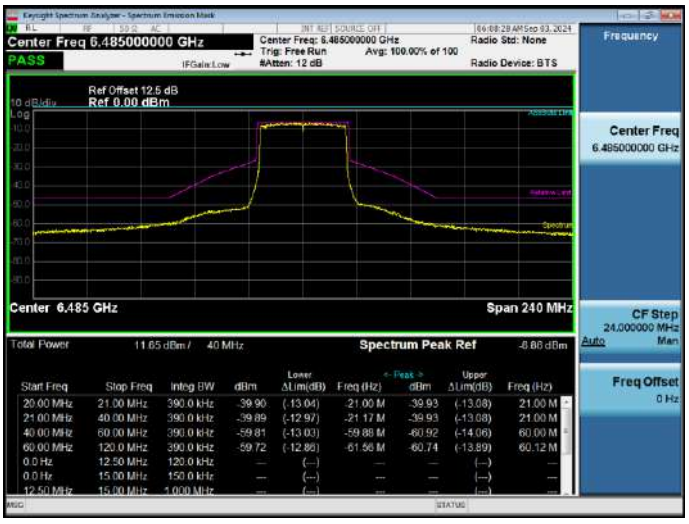


11ax40 (SU), U-NII-6, Low Channel

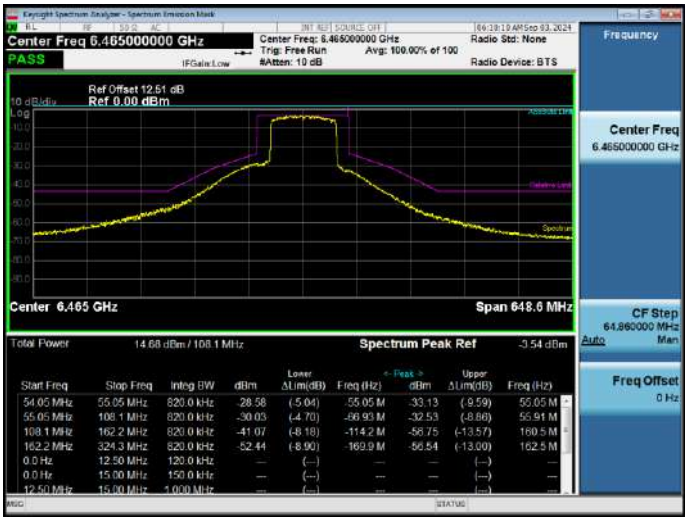


E

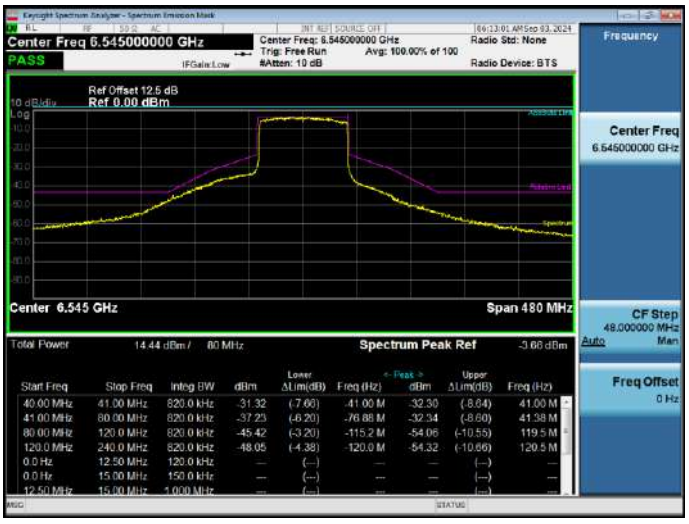
11ax40 (SU), U-NII-6, High Channel



11ax80 (SU), U-NII-6, Low Channel

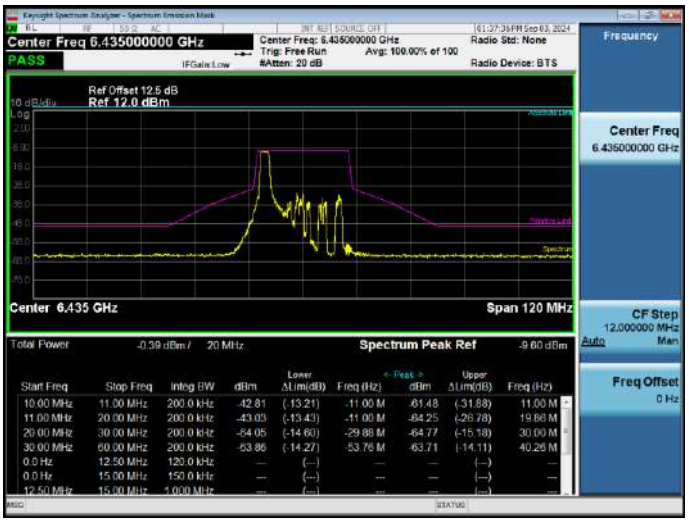


11ax80 (SU), U-NII-6, High Channel



11ax160 (SU), U-NII-6, Middle Channel

11ax20 (RU26), U-NII-6, Low Channel



11ax20 (RU26), U-NII-6, Middle Channel

11ax20 (RU26), U-NII-6, High Channel

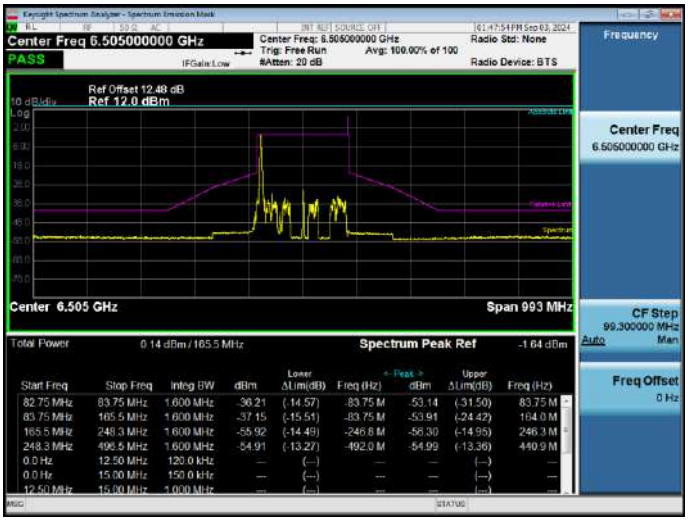
11ax40 (RU26), U-NII-6, Low Channel

11ax40 (RU26), U-NII-6, High Channel

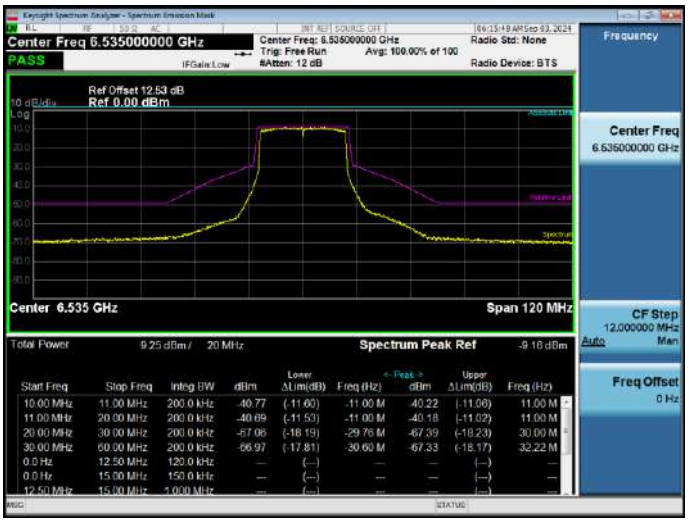
11ax80 (RU26), U-NII-6, Low Channel

11ax80 (RU26), U-NII-6, High Channel

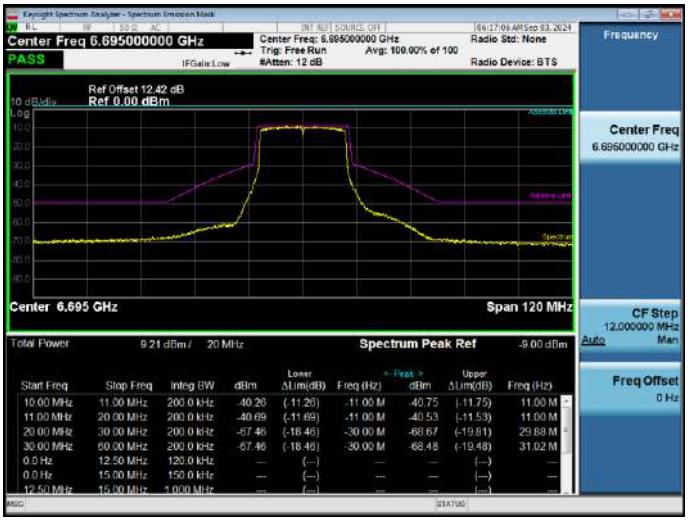
11ax160 (RU26), U-NII-6, Middle Channel



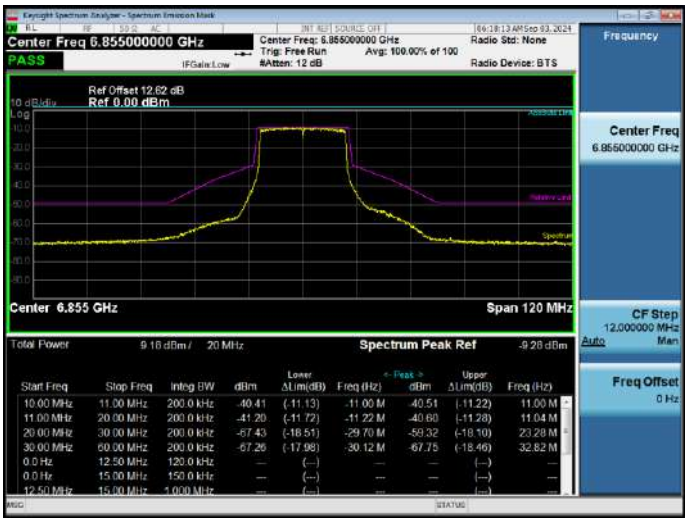
11ax20 (SU), U-NII-7, Low Channel



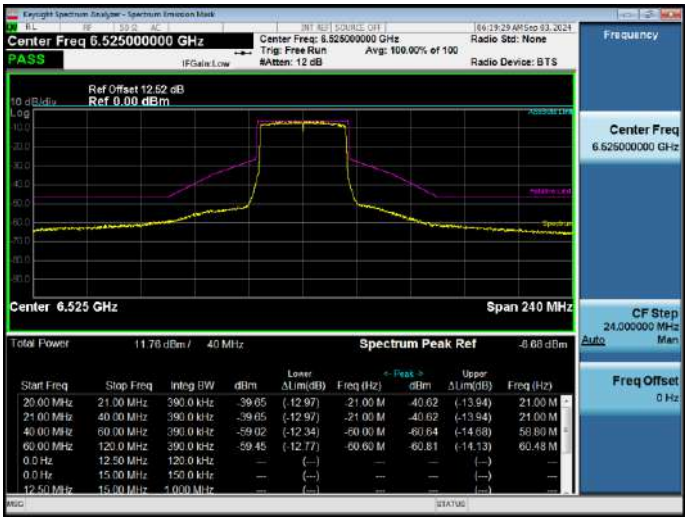
11ax20 (SU), U-NII-7, Middle Channel



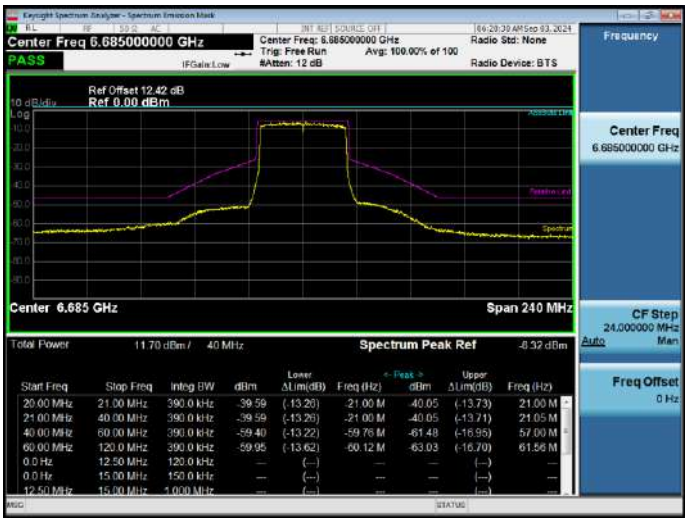
11ax20 (SU), U-NII-7, High Channel



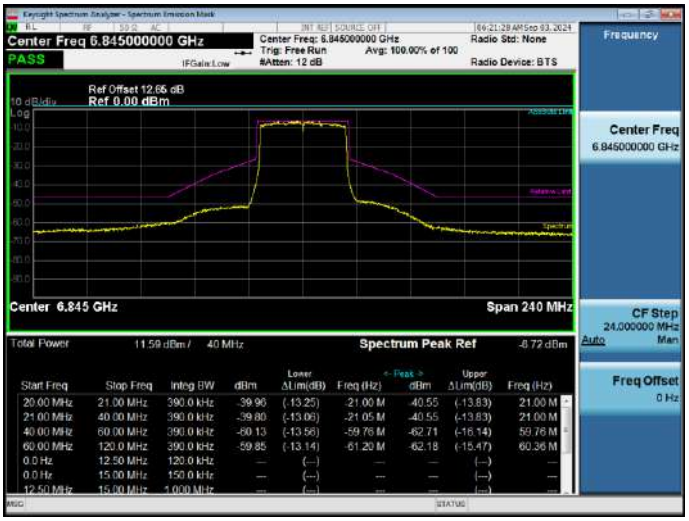
11ax40 (SU), U-NII-7, Low Channel



11ax40 (SU), U-NII-7, Middle Channel



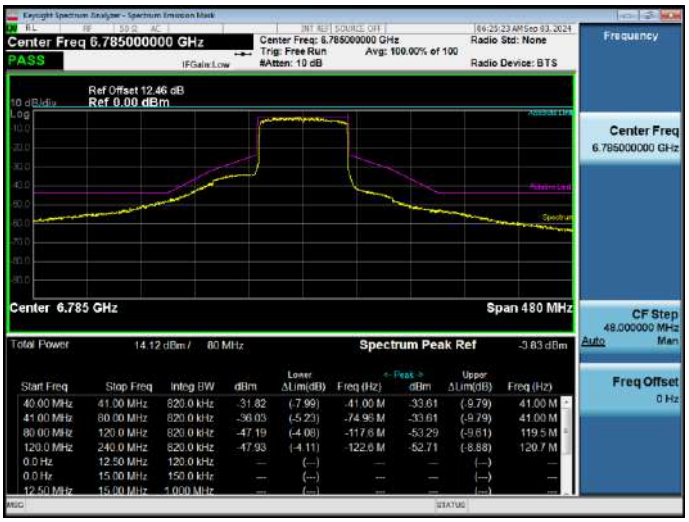
11ax40 (SU), U-NII-7, High Channel



11ax80 (SU), U-NII-7, Low Channel

11ax80 (SU), U-NII-7, Middle Channel

11ax80 (SU), U-NII-7, High Channel



11ax160 (SU), U-NII-7, High Channel

11ax20 (RU26), U-NII-7, Low Channel

11ax20 (RU26), U-NII-7, Middle Channel

11ax20 (RU26), U-NII-7, High Channel

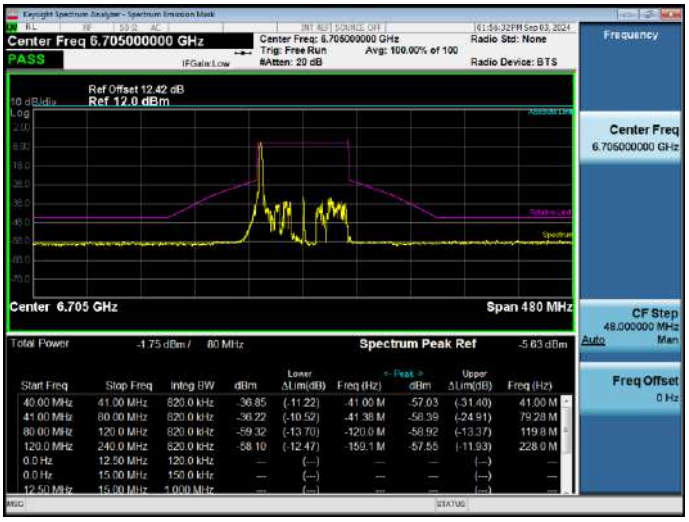
11ax40 (RU26), U-NII-7, Low Channel

11ax40 (RU26), U-NII-7, Middle Channel

11ax40 (RU26), U-NII-7, High Channel

11ax80 (RU26), U-NII-7, Low Channel

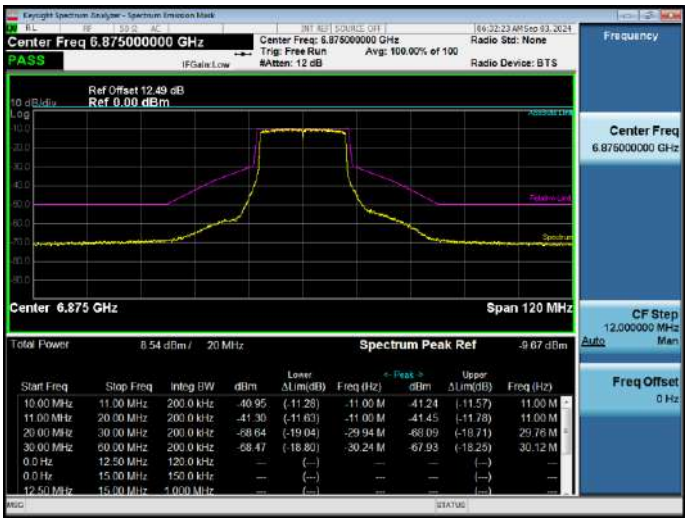
11ax80 (RU26), U-NII-7, Middle Channel



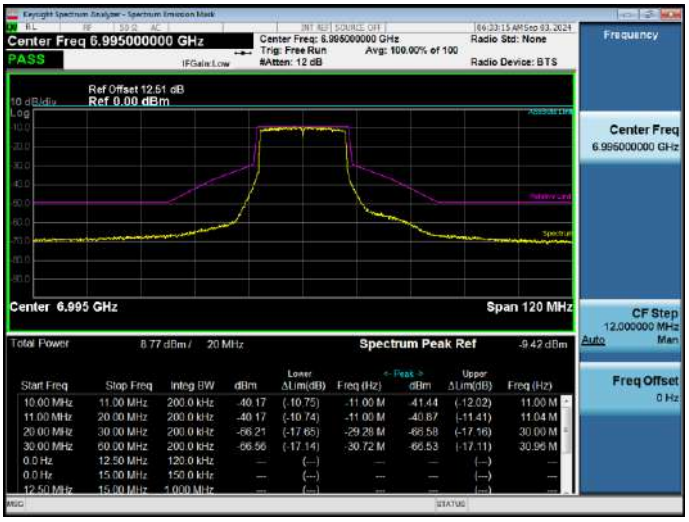
11ax80 (RU26), U-NII-7, High Channel

11ax160 (RU26), U-NII-7, High Channel

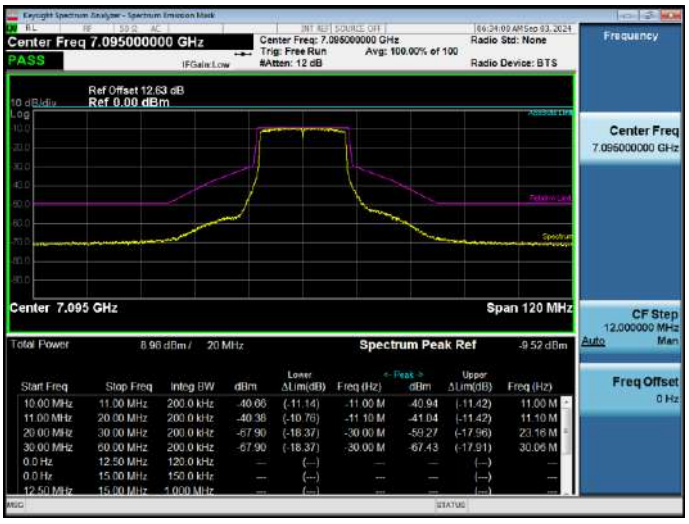
11ax20 (SU), U-NII-8, Low Channel



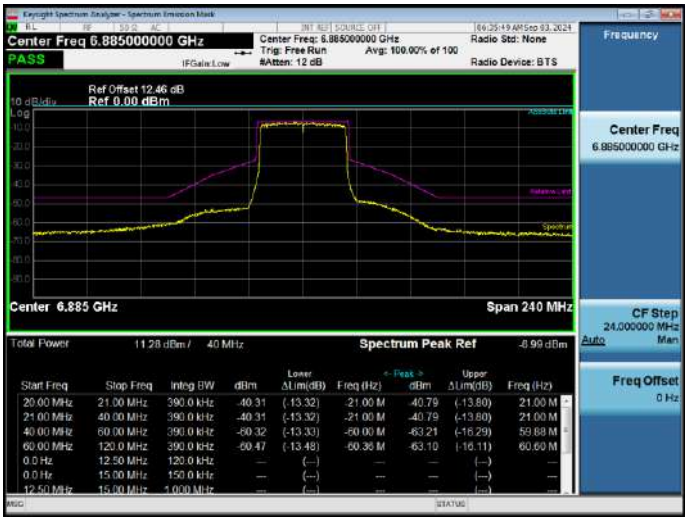
11ax20 (SU), U-NII-8, Middle Channel



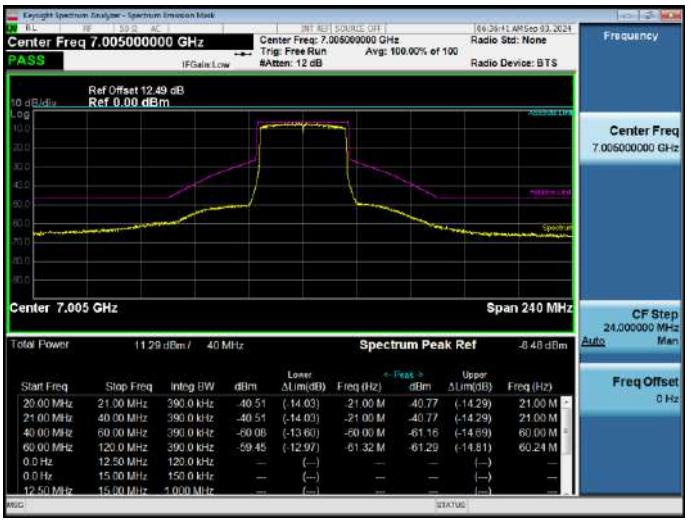
11ax20 (SU), U-NII-8, High Channel



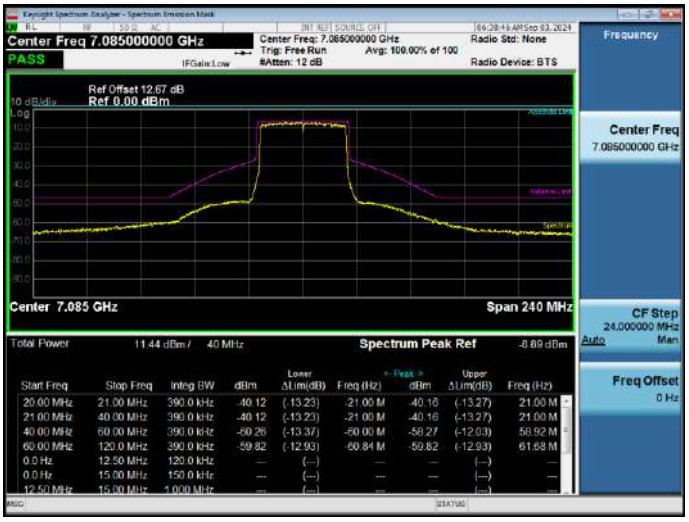
11ax40 (SU), U-NII-8, Low Channel



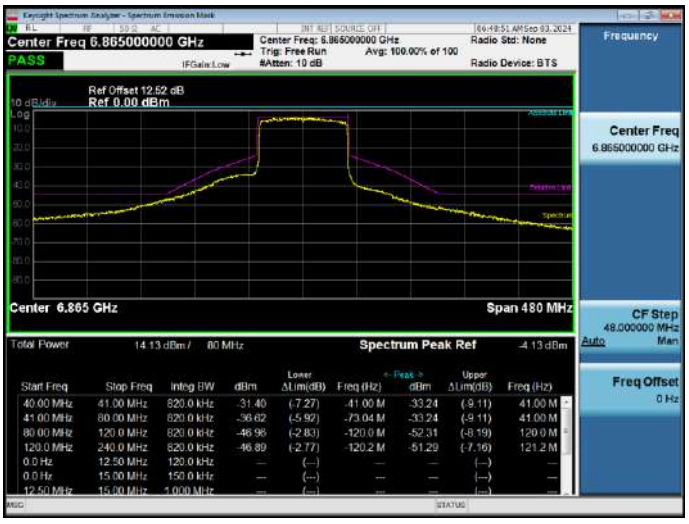
11ax40 (SU), U-NII-8, Middle Channel



11ax40 (SU), U-NII-8, High Channel

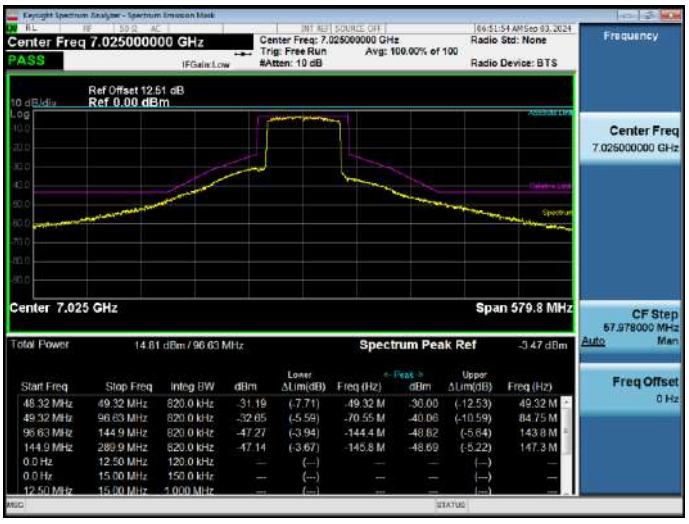


11ax80 (SU), U-NII-8, Low Channel



11ax80 (SU), U-NII-8, Middle Channel

11ax80 (SU), U-NII-8, High Channel



11ax160 (SU), U-NII-8, Low Channel

11ax160 (SU), U-NII-8, High Channel

11ax20 (RU26), U-NII-8, Low Channel