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检测
TESTING
CNAS L6791

TEST REPORT

Applicant: Ugreen Group Limited
Address: UGREEN Building, Longcheng Industrial Park
Longguanxi Road, Longhua, ShenZhen, China
Equipment Type: AXE5400 Wi-Fi 6E High-Gain USB Adapter
Model Name: CM787
Brand Name: **UGREEN**
FCC ID: 2AQI5-CM787
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Sep. 05, 2025
Test Date: Sep. 06, 2025 - Oct. 06, 2025
Date of Issue: Oct. 20, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie Zhu**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Oct. 20, 2025</u>	<u>Initial Issue</u>

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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	Ugreen Group Limited
Address	UGREEN Building, Longcheng Industrial Park Longguanxi Road, Longhua, ShenZhen, China

2.2 Manufacturer Information

Manufacturer	Ugreen Group Limited
Address	UGREEN Building, Longcheng Industrial Park Longguanxi Road, Longhua, ShenZhen, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	AXE5400 Wi-Fi 6E High-Gain USB Adapter
Model Name Under Test	CM787
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

Remark:

- Product Number (P/N) code in the below table, for marketing purpose, will be marked on the marking plate.

75917	75917EU	75917UK	75917US	75917JP	75917CN	75917KC
75917A	75917B	75917C	75917P	75917U	75917X	KC-75917

2.4 Technical Information

Network and Wireless connectivity	WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
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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	OFDM, 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: 19.21 mW U-NII-6: 18.68 mW U-NII-7: 19.25 mW U-NII-8: 18.22 mW	
Antenna System (eg., MIMO, Smart Antenna)	Multi Input Multi Output (MIMO) for 802.11ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Uncorrelated for 802.11 ax	
Antenna Type	SISO-Antenna 0 SISO-Antenna 1	PCB Antenna
Antenna Gain	SISO-Antenna 0 SISO-Antenna 1	U-NII-5: 5925 MHz to 6425 MHz: 2.95 dBi U-NII-6: 6425 MHz to 6525 MHz: 2.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 2.75 dBi U-NII-8: 6875 MHz to 7125 MHz: 2.75 dBi
Total directional gain	For power spectral density (PSD) measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 5.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 5.76 dBi U-NII-7: 6525 MHz to 6875 MHz: 5.76 dBi U-NII-8: 6875 MHz to 7125 MHz: 5.76 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 2.95 dBi U-NII-6: 6425 MHz to 6525 MHz: 2.75 dBi

		U-NII-7: 6525 MHz to 6875 MHz: 2.75 dBi U-NII-8: 6875 MHz to 7125 MHz: 2.75 dBi Formulas: Directional gain = G_{ANT}
	For power measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 5.96 dBi U-NII-6: 6425 MHz to 6525 MHz: 5.76 dBi U-NII-7: 6525 MHz to 6875 MHz: 5.76 dBi U-NII-8: 6875 MHz to 7125 MHz: 5.76 dBi Formulas: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 2.95 dBi U-NII-6: 6425 MHz to 6525 MHz: 2.75 dBi U-NII-7: 6525 MHz to 6875 MHz: 2.75 dBi U-NII-8: 6875 MHz to 7125 MHz: 2.75 dBi Formulas: Directional gain = G_{ANT}
About the Product		The equipment is AXE5400 Wi-Fi 6E High-Gain USB Adapter, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Antenna 0	SISO-Antenna 1	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	√	--	--	--	--	--	--

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

2.5 Channel List

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	5955	3	5965	7	5985	15	6025
5	5975	11	6005	23	6065	47	6185
9	5995	19	6045	39	6145	79	6345
13	6015	27	6085	55	6225	111	6505
17	6035	35	6125	71	6305	143	6665
21	6055	43	6165	87	6385	175	6825
25	6075	51	6205	103	6465	207	6985
29	6095	59	6245	119	6545		
33	6115	67	6285	135	6625		
37	6135	75	6325	151	6705		
41	6155	83	6365	167	6785		
45	6175	91	6405	183	6865		
49	6195	99	6445	199	6945		
53	6215	107	6485	215	7025		
57	6235	115	6525				
61	6255	123	6565				
65	6275	131	6605				
69	6295	139	6645				
73	6315	147	6685				
77	6335	155	6725				
81	6355	163	6765				
85	6375	171	6805				
89	6395	179	6845				
93	6415	187	6885				
97	6435	195	6925				
101	6455	203	6965				
105	6475	211	7005				
109	6495	219	7045				
113	6515	227	7085				
117	6535						
121	6555						
125	6575						
129	6595						
133	6615						
137	6635						
141	6655						
145	6675						
149	6695						

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

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

For 802.11a/ax(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 (6525 - 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	209	Mid	6995
181	High	6855	229	Mid	7095
			233	High	7115

For 802.11ax(HE40)

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

U-NII-7 (6525 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
115	Low	6525	187	Low	6885
147	Mid	6685	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 (6525 - 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.ax(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 (6525 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
143	Mid	6665	175	Low	6825
			207	High	6985

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	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175
Emission Bandwidth & 99% Occupied Bandwidth	11ax(20 MHz)	4	OFDMA	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175
Power Spectral Density	11ax(20 MHz)	4	OFDMA	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175
Radiated Spurious Emissions	11ax(20 MHz)	4	OFDMA	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175
Band Edge (Restricted-band)	11ax(20 MHz)	4	OFDMA	1	/	/	233
	11ax(40 MHz)	8		3	/	/	227
	11ax(80 MHz)	17		7	/	/	215
	11ax(160 MHz)	34		15	/	/	207
Contention Based Protocol	11ax(20 MHz)	4	OFDMA	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175
In-Band Emissions	11ax(20 MHz)	4	OFDMA	93/45/1	113/105/97	181/153/117	233/229/209/185
	11ax(40 MHz)	8		91/43/3	107/99	179/147/115	227/211/187
	11ax(80 MHz)	17		87/39/7	119/103	167/151/135	215/199/183
	11ax(160 MHz)	34		79/47/15	111	143	207/175

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 D02v03	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 C63.10-2020	American National Standard of Procedures for Compliance Testing of 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)	5.1.4	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	5.2.4	Pass
4	Power Spectral Density	15.407(a)	5.3.4	Pass
5	Conducted Emission	15.207	5.4.4	Pass
6	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	5.5.4	Pass
7	Contention Based Protocol	15.407(d)	5.6.4	Pass
8	In-Band Emissions	15.407(b)	5.7.4	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	50% to 62%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.8°C to +25.7°C
Working Voltage of the EUT	NV (Normal Voltage)	5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2025.06.16	2026.06.15
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Vector Signal Generator	ROHDE&SCHWARZ	SMCV100B	103663	2025.06.17	2026.06.16
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2025.06.16	2026.06.15
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_LNA1-12G-01	7210214	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2025.06.17	2026.06.16
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
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	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2025.02.14	2028.02.13

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

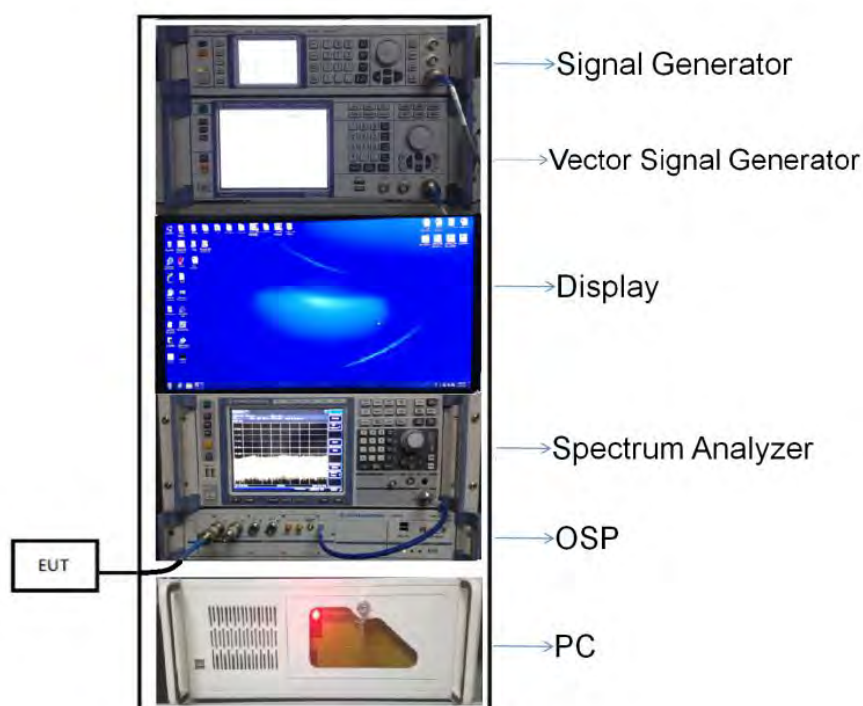
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

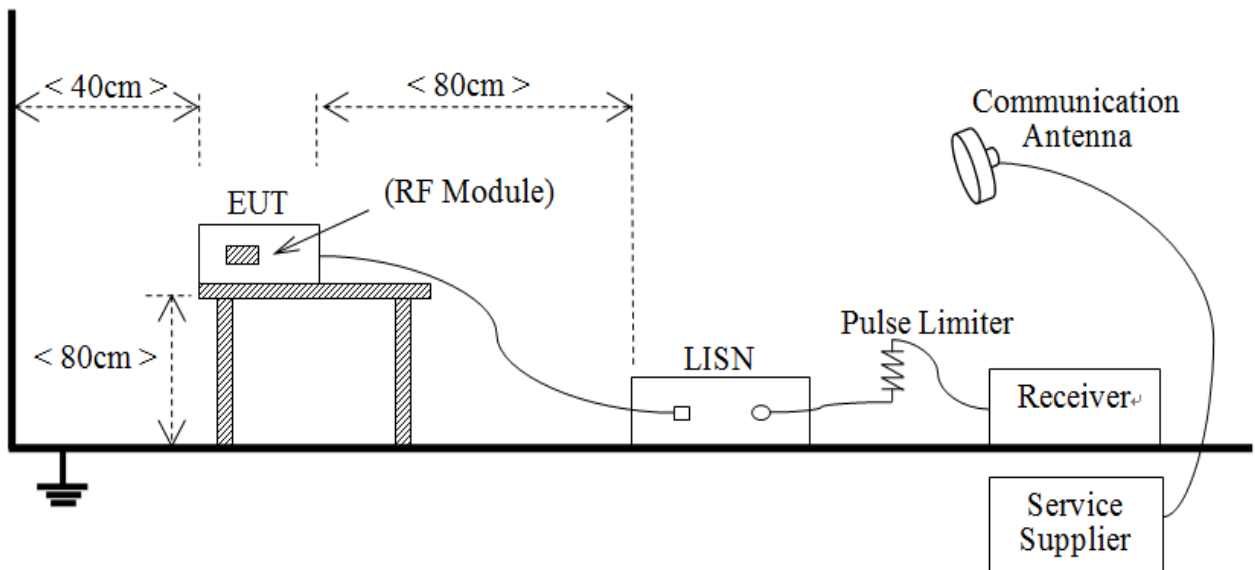
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



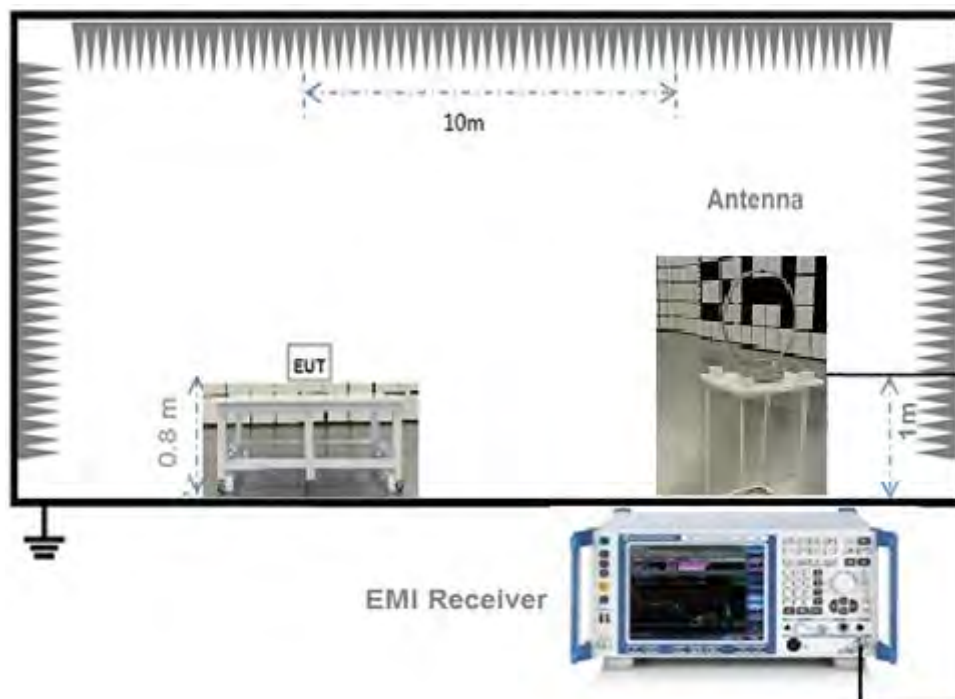
(Diagram 1)

4.5.2 For AC Power Supply Port Test



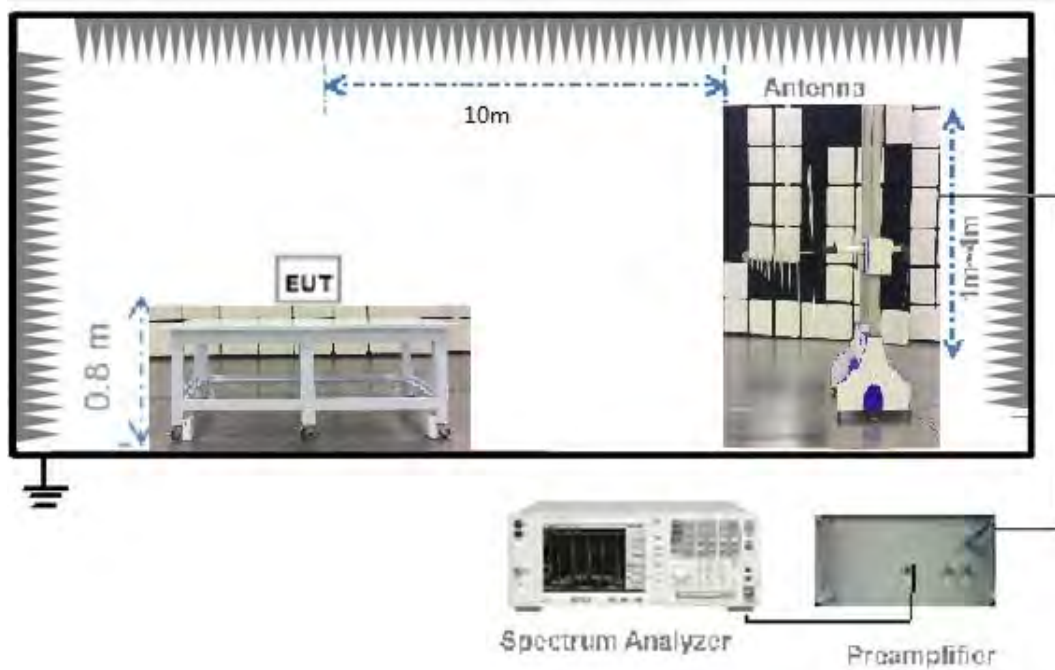
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



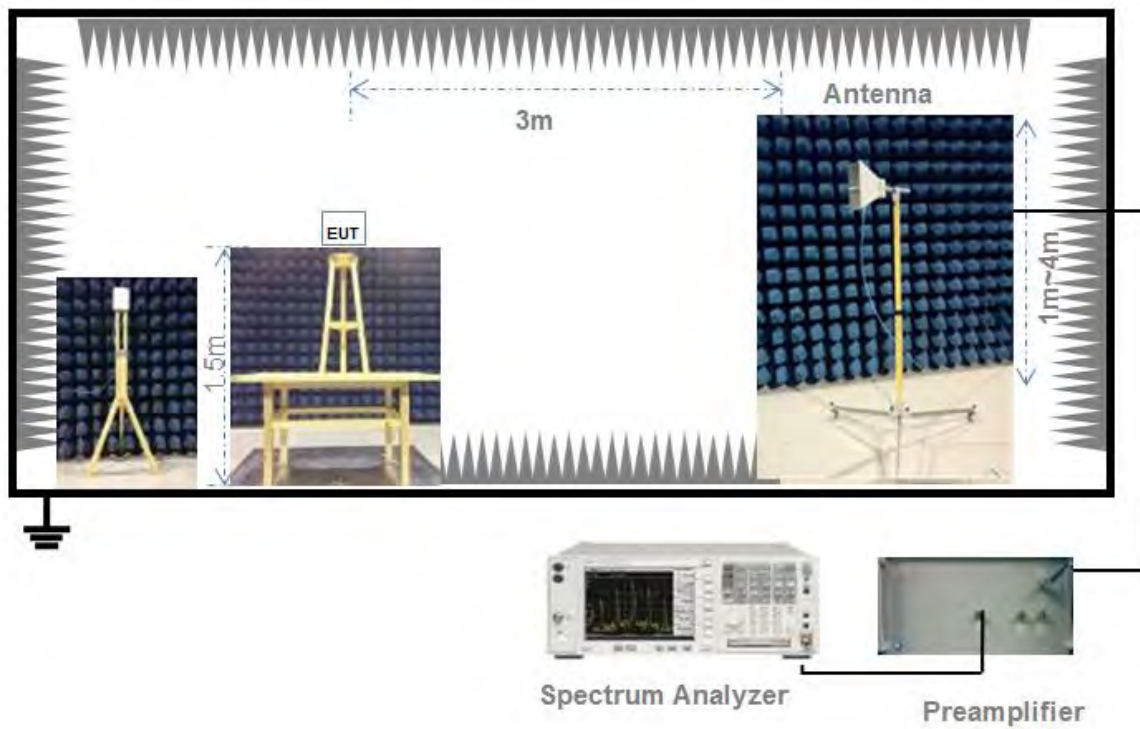
(Diagram 3)

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 A.

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 $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.

Set $VBW \geq RBW$. 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 $T \leq 16.7$ microseconds.)

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 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

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11ax(HE20)	0.99	1.00	98.78%	0.05
11ax(HE40)	0.52	0.53	97.66%	0.10
11ax(HE80)	0.28	0.29	96.65%	0.15
11ax(HE160)	0.17	0.17	94.51%	0.25

Test DataSISO-Antenna 0

U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH1	6.07	24	Pass
11ax(HE20)(SU)	CH45	6.18	24	Pass
11ax(HE20)(SU)	CH93	6.02	24	Pass
11ax(HE40)(SU)	CH3	10.10	24	Pass
11ax(HE40)(SU)	CH43	10.43	24	Pass
11ax(HE40)(SU)	CH91	10.12	24	Pass
11ax(HE80)(SU)	CH7	12.90	24	Pass
11ax(HE80)(SU)	CH39	13.26	24	Pass
11ax(HE80)(SU)	CH87	13.28	24	Pass
11ax(HE160)(SU)	CH15	16.32	24	Pass
11ax(HE160)(SU)	CH47	16.02	24	Pass
11ax(HE160)(SU)	CH79	16.10	24	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH97	5.83	24	Pass
11ax(HE20)(SU)	CH105	5.87	24	Pass
11ax(HE20)(SU)	CH113	6.33	24	Pass
11ax(HE40)(SU)	CH99	10.40	24	Pass
11ax(HE40)(SU)	CH107	10.10	24	Pass
11ax(HE40)(SU)	CH115	10.08	24	Pass
11ax(HE80)(SU)	CH103	13.31	24	Pass
11ax(HE80)(SU)	CH119	13.25	24	Pass
11ax(HE160)(SU)	CH111	16.30	24	Pass

U-NII-7 (6525 - 6875 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH117	6.00	24	Pass
11ax(HE20)(SU)	CH153	6.35	24	Pass
11ax(HE20)(SU)	CH181	6.16	24	Pass
11ax(HE40)(SU)	CH123	10.26	24	Pass
11ax(HE40)(SU)	CH155	10.06	24	Pass
11ax(HE40)(SU)	CH179	10.11	24	Pass
11ax(HE80)(SU)	CH135	13.02	24	Pass
11ax(HE80)(SU)	CH151	13.04	24	Pass
11ax(HE80)(SU)	CH1167	13.32	24	Pass
11ax(HE160)(SU)	CH143	16.12	24	Pass
11ax(HE160)(SU)	CH175	16.14	24	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH185	6.36	24	Pass
11ax(HE20)(SU)	CH209	6.19	24	Pass
11ax(HE20)(SU)	CH229	5.87	24	Pass
11ax(HE20)(SU)	CH233	-6.06	24	Pass
11ax(HE40)(SU)	CH187	10.13	24	Pass
11ax(HE40)(SU)	CH211	10.46	24	Pass
11ax(HE40)(SU)	CH227	10.00	24	Pass
11ax(HE80)(SU)	CH183	12.97	24	Pass
11ax(HE80)(SU)	CH199	12.94	24	Pass
11ax(HE80)(SU)	CH215	13.12	24	Pass
11ax(HE160)(SU)	CH207	14.85	24	Pass

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U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH1	6.36	24	Pass
11ax(HE20)(SU)	CH45	6.18	24	Pass
11ax(HE20)(SU)	CH93	6.24	24	Pass
11ax(HE40)(SU)	CH3	10.02	24	Pass
11ax(HE40)(SU)	CH43	10.46	24	Pass
11ax(HE40)(SU)	CH91	10.04	24	Pass
11ax(HE80)(SU)	CH7	13.34	24	Pass
11ax(HE80)(SU)	CH39	13.00	24	Pass
11ax(HE80)(SU)	CH87	13.11	24	Pass
11ax(HE160)(SU)	CH15	16.08	24	Pass
11ax(HE160)(SU)	CH47	16.09	24	Pass
11ax(HE160)(SU)	CH79	15.92	24	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH97	5.88	24	Pass
11ax(HE20)(SU)	CH105	5.82	24	Pass
11ax(HE20)(SU)	CH113	5.97	24	Pass
11ax(HE40)(SU)	CH99	10.29	24	Pass
11ax(HE40)(SU)	CH107	10.22	24	Pass
11ax(HE40)(SU)	CH115	10.18	24	Pass
11ax(HE80)(SU)	CH103	13.08	24	Pass
11ax(HE80)(SU)	CH119	12.99	24	Pass
11ax(HE160)(SU)	CH111	14.94	24	Pass

U-NII-7 (6525 - 6875 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH117	5.96	24	Pass
11ax(HE20)(SU)	CH153	5.82	24	Pass
11ax(HE20)(SU)	CH181	5.95	24	Pass
11ax(HE40)(SU)	CH123	10.02	24	Pass
11ax(HE40)(SU)	CH155	9.91	24	Pass
11ax(HE40)(SU)	CH179	9.98	24	Pass
11ax(HE80)(SU)	CH135	13.11	24	Pass
11ax(HE80)(SU)	CH151	13.04	24	Pass
11ax(HE80)(SU)	CH1167	13.16	24	Pass
11ax(HE160)(SU)	CH143	16.05	24	Pass
11ax(HE160)(SU)	CH175	16.33	24	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH185	5.92	24	Pass
11ax(HE20)(SU)	CH209	6.02	24	Pass
11ax(HE20)(SU)	CH229	6.11	24	Pass
11ax(HE20)(SU)	CH233	-5.02	24	Pass
11ax(HE40)(SU)	CH187	9.93	24	Pass
11ax(HE40)(SU)	CH211	10.36	24	Pass
11ax(HE40)(SU)	CH227	10.01	24	Pass
11ax(HE80)(SU)	CH183	12.95	24	Pass
11ax(HE80)(SU)	CH199	13.42	24	Pass
11ax(HE80)(SU)	CH215	13.21	24	Pass
11ax(HE160)(SU)	CH207	15.55	24	Pass

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U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH1	9.23	24	Pass
11ax(HE20)(SU)	CH45	9.19	24	Pass
11ax(HE20)(SU)	CH93	9.14	24	Pass
11ax(HE40)(SU)	CH3	13.07	24	Pass
11ax(HE40)(SU)	CH43	13.46	24	Pass
11ax(HE40)(SU)	CH91	13.09	24	Pass
11ax(HE80)(SU)	CH7	16.14	24	Pass
11ax(HE80)(SU)	CH39	16.14	24	Pass
11ax(HE80)(SU)	CH87	16.21	24	Pass
11ax(HE160)(SU)	CH15	19.21	24	Pass
11ax(HE160)(SU)	CH47	19.07	24	Pass
11ax(HE160)(SU)	CH79	19.02	24	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH97	8.87	24	Pass
11ax(HE20)(SU)	CH105	8.86	24	Pass
11ax(HE20)(SU)	CH113	9.16	24	Pass
11ax(HE40)(SU)	CH99	13.36	24	Pass
11ax(HE40)(SU)	CH107	13.17	24	Pass
11ax(HE40)(SU)	CH115	13.14	24	Pass
11ax(HE80)(SU)	CH103	16.21	24	Pass
11ax(HE80)(SU)	CH119	16.13	24	Pass
11ax(HE160)(SU)	CH111	18.68	24	Pass

U-NII-7 (6525 - 6875 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH117	8.99	24	Pass
11ax(HE20)(SU)	CH153	9.10	24	Pass
11ax(HE20)(SU)	CH181	9.07	24	Pass
11ax(HE40)(SU)	CH123	13.15	24	Pass
11ax(HE40)(SU)	CH155	13.00	24	Pass
11ax(HE40)(SU)	CH179	13.06	24	Pass
11ax(HE80)(SU)	CH135	16.08	24	Pass
11ax(HE80)(SU)	CH151	16.05	24	Pass
11ax(HE80)(SU)	CH1167	16.25	24	Pass
11ax(HE160)(SU)	CH143	19.10	24	Pass
11ax(HE160)(SU)	CH175	19.25	24	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11ax(HE20)(SU)	CH185	9.16	24	Pass
11ax(HE20)(SU)	CH209	9.12	24	Pass
11ax(HE20)(SU)	CH229	9.00	24	Pass
11ax(HE20)(SU)	CH233	-2.50	24	Pass
11ax(HE40)(SU)	CH187	13.04	24	Pass
11ax(HE40)(SU)	CH211	13.42	24	Pass
11ax(HE40)(SU)	CH227	13.02	24	Pass
11ax(HE80)(SU)	CH183	15.97	24	Pass
11ax(HE80)(SU)	CH199	16.20	24	Pass
11ax(HE80)(SU)	CH215	16.18	24	Pass
11ax(HE160)(SU)	CH207	18.22	24	Pass

5.2 Emission Bandwidth & 99% Bandwidth

5.2.1 Limit

FCC §15.407(a)

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 A.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times \text{RBW}$,
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 $\geq 3 \times \text{RBW}$, 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

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2590493-604 Data Part 1.pdf”.

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

Note 3: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

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U-NII-5 (5925 - 6425 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH1	20.47	18.93
11ax(HE20)(SU)	CH45	20.40	18.91
11ax(HE20)(SU)	CH93	20.41	18.89
11ax(HE40)(SU)	CH3	40.08	37.82
11ax(HE40)(SU)	CH43	40.09	37.74
11ax(HE40)(SU)	CH91	40.06	37.74
11ax(HE80)(SU)	CH7	80.54	77.21
11ax(HE80)(SU)	CH39	80.53	77.19
11ax(HE80)(SU)	CH87	80.56	77.18
11ax(HE160)(SU)	CH15	162.52	156.81
11ax(HE160)(SU)	CH47	162.59	156.88
11ax(HE160)(SU)	CH79	162.54	156.65

U-NII-6 (6425 - 6525 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH97	20.43	18.93
11ax(HE20)(SU)	CH105	20.46	18.92
11ax(HE20)(SU)	CH113	20.38	18.91
11ax(HE40)(SU)	CH99	40.13	37.79
11ax(HE40)(SU)	CH107	40.15	37.80
11ax(HE40)(SU)	CH115	39.97	37.81
11ax(HE80)(SU)	CH103	80.71	77.31
11ax(HE80)(SU)	CH119	80.72	77.31
11ax(HE160)(SU)	CH111	162.53	156.82

U-NII-7 (6525 - 6875 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH117	20.37	18.93
11ax(HE20)(SU)	CH153	20.45	18.89
11ax(HE20)(SU)	CH181	20.40	18.91
11ax(HE40)(SU)	CH123	40.09	37.76
11ax(HE40)(SU)	CH155	40.09	37.77
11ax(HE40)(SU)	CH179	40.09	37.73
11ax(HE80)(SU)	CH135	80.66	77.27
11ax(HE80)(SU)	CH151	114.30	77.55
11ax(HE80)(SU)	CH1167	80.74	77.27
11ax(HE160)(SU)	CH143	162.68	157.11
11ax(HE160)(SU)	CH175	162.65	156.71

U-NII-8 (6875 - 7125 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH185	20.48	18.90
11ax(HE20)(SU)	CH209	20.41	18.90
11ax(HE20)(SU)	CH229	20.45	18.90
11ax(HE20)(SU)	CH233	20.44	18.93
11ax(HE40)(SU)	CH187	40.14	37.82
11ax(HE40)(SU)	CH211	40.07	37.81
11ax(HE40)(SU)	CH227	40.03	37.81
11ax(HE80)(SU)	CH183	80.74	77.31
11ax(HE80)(SU)	CH199	80.76	77.38
11ax(HE80)(SU)	CH215	80.74	77.38
11ax(HE160)(SU)	CH207	162.61	156.77

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U-NII-5 (5925 - 6425 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH1	20.39	18.92
11ax(HE20)(SU)	CH45	20.41	18.92
11ax(HE20)(SU)	CH93	20.37	18.91
11ax(HE40)(SU)	CH3	40.22	37.77
11ax(HE40)(SU)	CH43	40.18	37.73
11ax(HE40)(SU)	CH91	40.23	37.79
11ax(HE80)(SU)	CH7	80.85	77.24
11ax(HE80)(SU)	CH39	80.85	77.20
11ax(HE80)(SU)	CH87	80.86	77.25
11ax(HE160)(SU)	CH15	221.80	157.06
11ax(HE160)(SU)	CH47	164.12	156.97
11ax(HE160)(SU)	CH79	164.12	156.83

U-NII-6 (6425 - 6525 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH97	20.38	18.91
11ax(HE20)(SU)	CH105	20.33	18.91
11ax(HE20)(SU)	CH113	20.32	18.92
11ax(HE40)(SU)	CH99	40.26	37.80
11ax(HE40)(SU)	CH107	40.20	37.84
11ax(HE40)(SU)	CH115	40.21	37.79
11ax(HE80)(SU)	CH103	81.19	77.34
11ax(HE80)(SU)	CH119	81.15	77.41
11ax(HE160)(SU)	CH111	162.23	157.14

U-NII-7 (6525 - 6875 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH117	20.39	18.91
11ax(HE20)(SU)	CH153	20.38	18.92
11ax(HE20)(SU)	CH181	20.42	18.91
11ax(HE40)(SU)	CH123	40.23	37.86
11ax(HE40)(SU)	CH155	59.12	37.96
11ax(HE40)(SU)	CH179	40.25	37.84
11ax(HE80)(SU)	CH135	81.17	77.39
11ax(HE80)(SU)	CH151	93.43	77.56
11ax(HE80)(SU)	CH1167	81.16	77.32
11ax(HE160)(SU)	CH143	162.19	157.07
11ax(HE160)(SU)	CH175	162.30	157.13

U-NII-8 (6875 - 7125 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax(HE20)(SU)	CH185	20.41	18.91
11ax(HE20)(SU)	CH209	20.41	18.91
11ax(HE20)(SU)	CH229	20.44	18.92
11ax(HE20)(SU)	CH233	20.40	18.95
11ax(HE40)(SU)	CH187	40.31	37.85
11ax(HE40)(SU)	CH211	40.25	37.83
11ax(HE40)(SU)	CH227	40.28	37.86
11ax(HE80)(SU)	CH183	81.12	77.33
11ax(HE80)(SU)	CH199	81.20	77.36
11ax(HE80)(SU)	CH215	81.29	77.42
11ax(HE160)(SU)	CH207	162.30	157.19

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 A.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ 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. 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

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2590493-604 Data Part 2.pdf”.

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

Note 3: The PSD has considered the Duty Factor.

Test Data

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U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH1	-5.67	-1.00	Pass
11ax(HE20)(SU)	CH45	-5.12	-1.00	Pass
11ax(HE20)(SU)	CH93	-5.55	-1.00	Pass
11ax(HE40)(SU)	CH3	-4.54	-1.00	Pass
11ax(HE40)(SU)	CH43	-4.29	-1.00	Pass
11ax(HE40)(SU)	CH91	-4.63	-1.00	Pass
11ax(HE80)(SU)	CH7	-4.59	-1.00	Pass
11ax(HE80)(SU)	CH39	-4.47	-1.00	Pass
11ax(HE80)(SU)	CH87	-4.69	-1.00	Pass
11ax(HE160)(SU)	CH15	-4.00	-1.00	Pass
11ax(HE160)(SU)	CH47	-4.12	-1.00	Pass
11ax(HE160)(SU)	CH79	-4.29	-1.00	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH97	-5.94	-1.00	Pass
11ax(HE20)(SU)	CH105	-5.82	-1.00	Pass
11ax(HE20)(SU)	CH113	-5.40	-1.00	Pass
11ax(HE40)(SU)	CH99	-4.26	-1.00	Pass
11ax(HE40)(SU)	CH107	-4.53	-1.00	Pass
11ax(HE40)(SU)	CH115	-4.66	-1.00	Pass
11ax(HE80)(SU)	CH103	-4.11	-1.00	Pass
11ax(HE80)(SU)	CH119	-4.07	-1.00	Pass
11ax(HE160)(SU)	CH111	-4.08	-1.00	Pass

U-NII-7 (6525 - 6825 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH117	-5.60	-1.00	Pass
11ax(HE20)(SU)	CH153	-5.19	-1.00	Pass
11ax(HE20)(SU)	CH181	-5.30	-1.00	Pass
11ax(HE40)(SU)	CH123	-3.98	-1.00	Pass
11ax(HE40)(SU)	CH155	-4.16	-1.00	Pass
11ax(HE40)(SU)	CH179	-4.30	-1.00	Pass
11ax(HE80)(SU)	CH135	-3.99	-1.00	Pass
11ax(HE80)(SU)	CH151	-4.21	-1.00	Pass
11ax(HE80)(SU)	CH167	-4.69	-1.00	Pass
11ax(HE160)(SU)	CH143	-4.18	-1.00	Pass
11ax(HE160)(SU)	CH175	-4.13	-1.00	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH185	-5.24	-1.00	Pass
11ax(HE20)(SU)	CH209	-5.52	-1.00	Pass
11ax(HE20)(SU)	CH229	-5.87	-1.00	Pass
11ax(HE20)(SU)	CH233	-17.89	-1.00	Pass
11ax(HE40)(SU)	CH187	-4.55	-1.00	Pass
11ax(HE40)(SU)	CH211	-4.06	-1.00	Pass
11ax(HE40)(SU)	CH227	-4.51	-1.00	Pass
11ax(HE80)(SU)	CH183	-4.75	-1.00	Pass
11ax(HE80)(SU)	CH199	-4.75	-1.00	Pass
11ax(HE80)(SU)	CH215	-4.25	-1.00	Pass
11ax(HE160)(SU)	CH207	-5.58	-1.00	Pass

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U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH1	-5.59	-1.00	Pass
11ax(HE20)(SU)	CH45	-5.57	-1.00	Pass
11ax(HE20)(SU)	CH93	-5.46	-1.00	Pass
11ax(HE40)(SU)	CH3	-4.73	-1.00	Pass
11ax(HE40)(SU)	CH43	-4.08	-1.00	Pass
11ax(HE40)(SU)	CH91	-4.55	-1.00	Pass
11ax(HE80)(SU)	CH7	-4.58	-1.00	Pass
11ax(HE80)(SU)	CH39	-4.49	-1.00	Pass
11ax(HE80)(SU)	CH87	-4.63	-1.00	Pass
11ax(HE160)(SU)	CH15	-4.36	-1.00	Pass
11ax(HE160)(SU)	CH47	-4.16	-1.00	Pass
11ax(HE160)(SU)	CH79	-4.08	-1.00	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH97	-5.66	-1.00	Pass
11ax(HE20)(SU)	CH105	-5.67	-1.00	Pass
11ax(HE20)(SU)	CH113	-5.57	-1.00	Pass
11ax(HE40)(SU)	CH99	-4.13	-1.00	Pass
11ax(HE40)(SU)	CH107	-4.38	-1.00	Pass
11ax(HE40)(SU)	CH115	-4.59	-1.00	Pass
11ax(HE80)(SU)	CH103	-4.08	-1.00	Pass
11ax(HE80)(SU)	CH119	-3.99	-1.00	Pass
11ax(HE160)(SU)	CH111	-5.07	-1.00	Pass

U-NII-7 (6525 - 6825 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH117	-5.76	-1.00	Pass
11ax(HE20)(SU)	CH153	-5.97	-1.00	Pass
11ax(HE20)(SU)	CH181	-5.65	-1.00	Pass
11ax(HE40)(SU)	CH123	-4.92	-1.00	Pass
11ax(HE40)(SU)	CH155	-4.95	-1.00	Pass
11ax(HE40)(SU)	CH179	-4.87	-1.00	Pass
11ax(HE80)(SU)	CH135	-4.56	-1.00	Pass
11ax(HE80)(SU)	CH151	-4.74	-1.00	Pass
11ax(HE80)(SU)	CH167	-4.55	-1.00	Pass
11ax(HE160)(SU)	CH143	-4.86	-1.00	Pass
11ax(HE160)(SU)	CH175	-4.27	-1.00	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH185	-5.75	-1.00	Pass
11ax(HE20)(SU)	CH209	-5.71	-1.00	Pass
11ax(HE20)(SU)	CH229	-5.66	-1.00	Pass
11ax(HE20)(SU)	CH233	-16.98	-1.00	Pass
11ax(HE40)(SU)	CH187	-4.89	-1.00	Pass
11ax(HE40)(SU)	CH211	-4.55	-1.00	Pass
11ax(HE40)(SU)	CH227	-4.91	-1.00	Pass
11ax(HE80)(SU)	CH183	-4.79	-1.00	Pass
11ax(HE80)(SU)	CH199	-4.19	-1.00	Pass
11ax(HE80)(SU)	CH215	-4.10	-1.00	Pass
11ax(HE160)(SU)	CH207	-5.00	-1.00	Pass

MIMO

U-NII-5 (5925 - 6425 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH1	-2.62	-1.00	Pass
11ax(HE20)(SU)	CH45	-2.33	-1.00	Pass
11ax(HE20)(SU)	CH93	-2.49	-1.00	Pass
11ax(HE40)(SU)	CH3	-1.62	-1.00	Pass
11ax(HE40)(SU)	CH43	-1.17	-1.00	Pass
11ax(HE40)(SU)	CH91	-1.58	-1.00	Pass
11ax(HE80)(SU)	CH7	-1.57	-1.00	Pass
11ax(HE80)(SU)	CH39	-1.47	-1.00	Pass
11ax(HE80)(SU)	CH87	-1.65	-1.00	Pass
11ax(HE160)(SU)	CH15	-1.17	-1.00	Pass
11ax(HE160)(SU)	CH47	-1.13	-1.00	Pass
11ax(HE160)(SU)	CH79	-1.17	-1.00	Pass

U-NII-6 (6425 - 6525 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH97	-2.79	-1.00	Pass
11ax(HE20)(SU)	CH105	-2.73	-1.00	Pass
11ax(HE20)(SU)	CH113	-2.47	-1.00	Pass
11ax(HE40)(SU)	CH99	-1.18	-1.00	Pass
11ax(HE40)(SU)	CH107	-1.44	-1.00	Pass
11ax(HE40)(SU)	CH115	-1.61	-1.00	Pass
11ax(HE80)(SU)	CH103	-1.08	-1.00	Pass
11ax(HE80)(SU)	CH119	-1.02	-1.00	Pass
11ax(HE160)(SU)	CH111	-1.54	-1.00	Pass

U-NII-7 (6525 - 6825 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH117	-2.67	-1.00	Pass
11ax(HE20)(SU)	CH153	-2.55	-1.00	Pass
11ax(HE20)(SU)	CH181	-2.46	-1.00	Pass
11ax(HE40)(SU)	CH123	-1.41	-1.00	Pass
11ax(HE40)(SU)	CH155	-1.53	-1.00	Pass
11ax(HE40)(SU)	CH179	-1.57	-1.00	Pass
11ax(HE80)(SU)	CH135	-1.26	-1.00	Pass
11ax(HE80)(SU)	CH151	-1.46	-1.00	Pass
11ax(HE80)(SU)	CH167	-1.61	-1.00	Pass
11ax(HE160)(SU)	CH143	-1.50	-1.00	Pass
11ax(HE160)(SU)	CH175	-1.19	-1.00	Pass

U-NII-8 (6875 - 7125 MHz)				
Mode	Channel	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)	Verdict
11ax(HE20)(SU)	CH185	-2.48	-1.00	Pass
11ax(HE20)(SU)	CH209	-2.60	-1.00	Pass
11ax(HE20)(SU)	CH229	-2.75	-1.00	Pass
11ax(HE20)(SU)	CH233	-14.40	-1.00	Pass
11ax(HE40)(SU)	CH187	-1.71	-1.00	Pass
11ax(HE40)(SU)	CH211	-1.29	-1.00	Pass
11ax(HE40)(SU)	CH227	-1.70	-1.00	Pass
11ax(HE80)(SU)	CH183	-1.76	-1.00	Pass
11ax(HE80)(SU)	CH199	-1.45	-1.00	Pass
11ax(HE80)(SU)	CH215	-1.16	-1.00	Pass
11ax(HE160)(SU)	CH207	-2.27	-1.00	Pass

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 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	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 A.

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

Note ¹: The EUT was tested in Link mode and the charging.

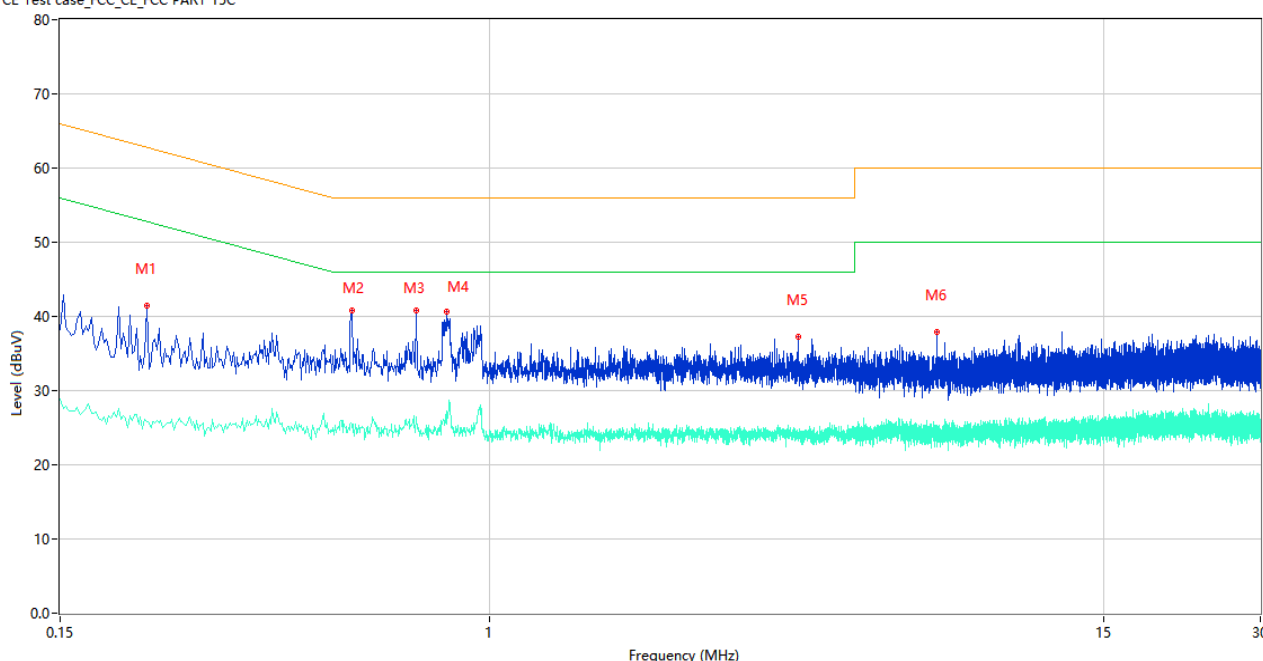
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

Note ³: Results (dBUV) = Original reading level of Spectrum Analyzer (dBUV) + Factor (dB)

Test Data and Plots

PHASE L

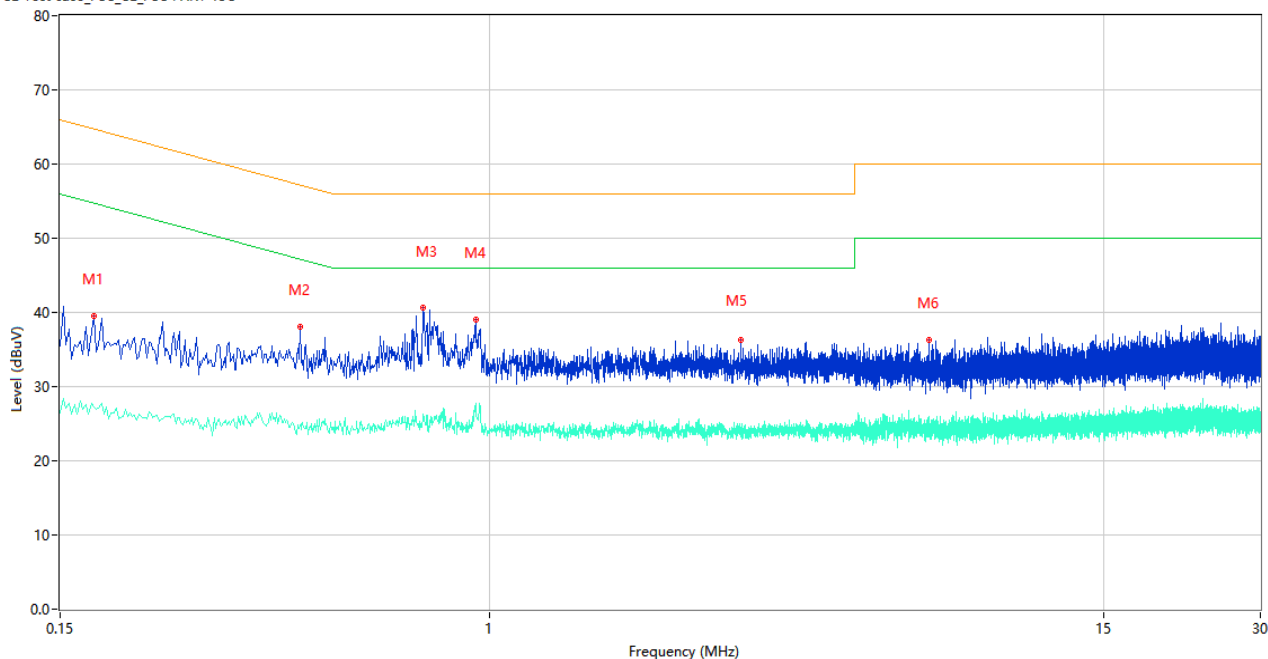
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Margin (dB)	Detector	Line	Verdict
1	0.220	41.41	9.84	62.82	21.41	Peak	L	Pass
1**	0.220	25.76	9.84	52.82	27.06	AV	L	Pass
2	0.544	40.86	10.08	56.00	15.14	Peak	L	Pass
2**	0.544	25.47	10.08	46.00	20.53	AV	L	Pass
3	0.722	40.79	10.50	56.00	15.21	Peak	L	Pass
3**	0.722	25.94	10.50	46.00	20.06	AV	L	Pass
4	0.828	40.65	10.65	56.00	15.35	Peak	L	Pass
4**	0.828	27.33	10.65	46.00	18.67	AV	L	Pass
5	3.904	37.23	10.33	56.00	18.77	Peak	L	Pass
5**	3.904	24.16	10.33	46.00	21.84	AV	L	Pass
6	7.182	37.93	10.44	60.00	22.07	Peak	L	Pass
6**	7.182	24.88	10.44	50.00	25.12	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.174	39.53	9.85	64.77	25.24	Peak	N	Pass
1**	0.174	27.33	9.85	54.77	27.44	AV	N	Pass
2	0.432	38.12	10.28	57.21	19.09	Peak	N	Pass
2**	0.432	24.64	10.28	47.21	22.57	AV	N	Pass
3	0.746	40.62	10.27	56.00	15.38	Peak	N	Pass
3**	0.746	26.28	10.27	46.00	19.72	AV	N	Pass
4	0.940	38.98	10.15	56.00	17.02	Peak	N	Pass
4**	0.940	27.72	10.15	46.00	18.28	AV	N	Pass
5	3.032	36.31	10.21	56.00	19.69	Peak	N	Pass
5**	3.032	24.48	10.21	46.00	21.52	AV	N	Pass
6	6.932	36.35	10.33	60.00	23.65	Peak	N	Pass
6**	6.932	24.80	10.33	50.00	25.20	AV	N	Pass

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	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 A.

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:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/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 $\geq 3 \times$ 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 $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. 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 $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

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

Note ²: For the test data above 1 GHz, According the ANSI C63.10, 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.

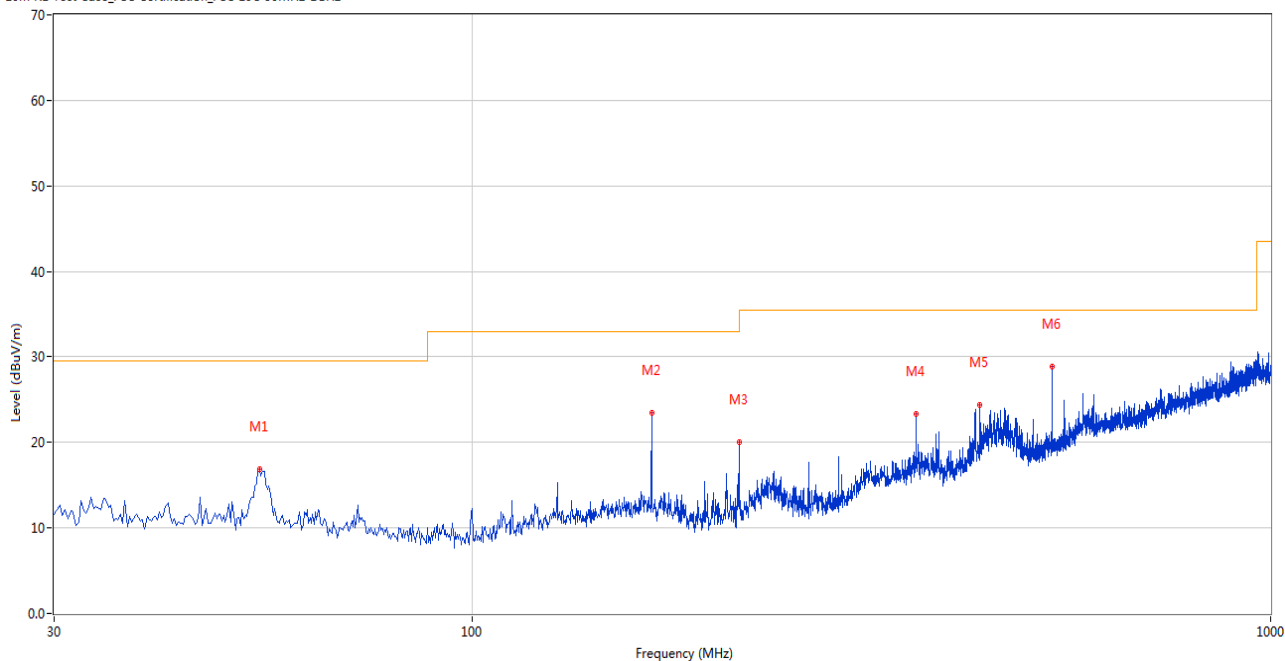
Note ⁴: The EUT was tested in Link mode and the charging.

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

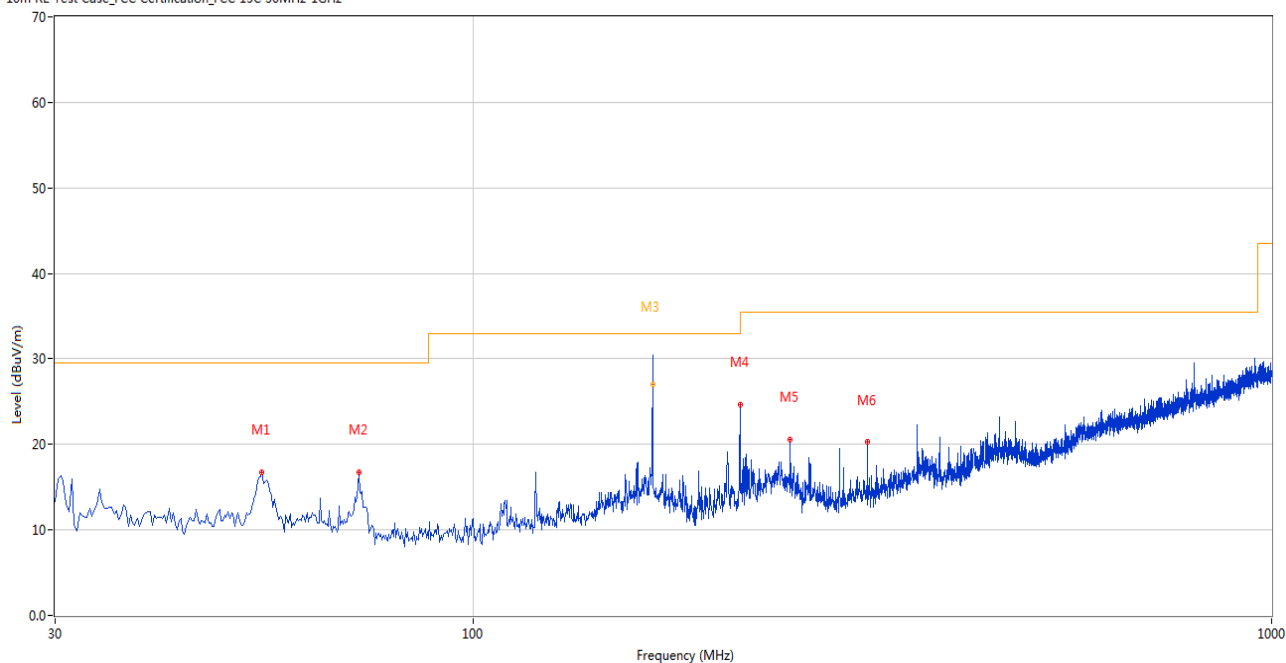
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.244	16.86	-27.10	29.5	12.64	Peak	0.00	100	Horizontal	Pass
2	167.948	23.48	-26.68	33.0	9.52	Peak	166.00	200	Horizontal	Pass
3	215.951	20.07	-29.25	33.0	12.93	Peak	90.00	200	Horizontal	Pass
4	359.960	23.37	-23.72	35.5	12.13	Peak	106.00	200	Horizontal	Pass
5	431.965	24.45	-21.67	35.5	11.05	Peak	215.00	200	Horizontal	Pass
6	533.062	28.91	-19.15	35.5	6.59	Peak	117.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.486	16.71	-27.12	29.5	12.79	Peak	36.00	100	Vertical	Pass
2	71.942	16.81	-29.24	29.5	12.69	Peak	82.00	200	Vertical	Pass
3	167.948	30.45	-26.68	33.0	2.55	Peak	140.00	100	Vertical	N/A
3*	167.948	27.01	-26.68	33.0	5.99	QP	140.00	100	Vertical	Pass
4	215.951	24.67	-29.25	33.0	8.33	Peak	63.00	100	Vertical	Pass
5	249.650	20.63	-27.36	35.5	14.87	Peak	107.00	100	Vertical	Pass
6	311.957	20.33	-25.04	35.5	15.17	Peak	199.00	100	Vertical	Pass

Note 1: The spurious above 18G 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.

Note 3: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

MIMO

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	38.78	74.0	35.22	Peak	307.00	300	Horizontal	Pass
1**	1512.200	29.73	54.0	24.27	AV	307.00	300	Horizontal	Pass
2	4256.000	47.26	74.0	26.74	Peak	360.00	400	Horizontal	Pass
2**	4256.000	38.25	54.0	15.75	AV	360.00	400	Horizontal	Pass
3	5951.250	103.19	--	--	Peak	264.00	100	Horizontal	N/A
3**	5951.250	95.39	--	--	AV	264.00	100	Horizontal	N/A
4	7940.250	53.94	88.2	34.26	Peak	360.00	100	Horizontal	Pass
4**	7940.250	50.22	68.2	17.98	AV	360.00	100	Horizontal	Pass
5	12473.787	53.35	74.0	20.65	Peak	335.00	200	Horizontal	Pass
5**	12473.787	44.14	54.0	9.86	AV	335.00	200	Horizontal	Pass
6	15888.451	53.63	74.0	20.37	Peak	127.00	100	Horizontal	Pass
6**	15888.451	44.66	54.0	9.34	AV	127.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.600	39.24	74.0	34.76	Peak	154.00	100	Vertical	Pass
1**	1493.600	29.70	54.0	24.30	AV	154.00	100	Vertical	Pass
2	4323.000	47.19	74.0	26.81	Peak	0.00	100	Vertical	Pass
2**	4323.000	38.85	54.0	15.15	AV	0.00	100	Vertical	Pass
3	5954.250	91.52	--	--	Peak	179.00	100	Vertical	N/A
3**	5954.250	84.62	--	--	AV	179.00	100	Vertical	N/A
4	7940.250	54.14	88.2	34.06	Peak	101.00	100	Vertical	Pass
4**	7940.250	49.25	68.2	18.95	AV	101.00	100	Vertical	Pass
5	12497.537	53.72	74.0	20.28	Peak	217.00	200	Vertical	Pass
5**	12497.537	44.23	54.0	9.77	AV	217.00	200	Vertical	Pass
6	15675.563	54.84	74.0	19.16	Peak	133.00	100	Vertical	Pass
6**	15675.563	44.48	54.0	9.52	AV	133.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2099.900	44.71	88.2	43.49	Peak	272.00	300	Horizontal	Pass
1**	2099.900	38.16	68.2	30.04	AV	272.00	300	Horizontal	Pass
2	2969.700	51.33	88.2	36.87	Peak	0.00	300	Horizontal	Pass
2**	2969.700	48.24	68.2	19.96	AV	0.00	300	Horizontal	Pass
3	6176.000	101.99	--	--	Peak	259.00	200	Horizontal	N/A
3**	6176.000	94.70	--	--	AV	259.00	200	Horizontal	N/A
4	8233.700	51.34	74.0	22.66	Peak	4.00	100	Horizontal	Pass
4**	8233.700	46.45	54.0	7.55	AV	4.00	100	Horizontal	Pass
5	14455.725	54.81	88.2	33.39	Peak	51.00	200	Horizontal	Pass
5**	14455.725	46.00	68.2	22.20	AV	51.00	200	Horizontal	Pass
6	16865.475	55.52	88.2	32.68	Peak	268.00	300	Horizontal	Pass
6**	16865.475	45.97	68.2	22.23	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)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	48.33	74.0	25.67	Peak	96.00	200	Vertical	Pass
1**	1327.900	35.94	54.0	18.06	AV	96.00	200	Vertical	Pass
2	2969.700	51.79	88.2	36.41	Peak	4.00	400	Vertical	Pass
2**	2969.700	48.30	68.2	19.90	AV	4.00	400	Vertical	Pass
3	6172.000	91.07	--	--	Peak	159.00	100	Vertical	N/A
3**	6172.000	82.74	--	--	AV	159.00	100	Vertical	N/A
4	8233.463	49.73	74.0	24.27	Peak	2.00	100	Vertical	Pass
4**	8233.463	45.45	54.0	8.55	AV	2.00	100	Vertical	Pass
5	14453.888	54.82	88.2	33.38	Peak	96.00	100	Vertical	Pass
5**	14453.888	45.50	68.2	22.70	AV	96.00	100	Vertical	Pass
6	17080.199	55.85	88.2	32.35	Peak	164.00	400	Vertical	Pass
6**	17080.199	46.14	68.2	22.06	AV	164.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2093.400	43.06	88.2	45.14	Peak	273.00	200	Horizontal	Pass
1**	2093.400	33.09	68.2	35.11	AV	273.00	200	Horizontal	Pass
2	2969.800	50.50	88.2	37.70	Peak	326.00	400	Horizontal	Pass
2**	2969.800	47.92	68.2	20.28	AV	326.00	400	Horizontal	Pass
3	6416.250	102.90	--	--	Peak	256.00	200	Horizontal	N/A
3**	6416.250	96.01	--	--	AV	256.00	200	Horizontal	N/A
4	7941.000	53.42	88.2	34.78	Peak	157.00	100	Horizontal	Pass
4**	7941.000	45.06	68.2	23.14	AV	157.00	100	Horizontal	Pass
5	14450.213	54.66	88.2	33.54	Peak	14.00	200	Horizontal	Pass
5**	14450.213	46.59	68.2	21.61	AV	14.00	200	Horizontal	Pass
6	17025.338	55.60	88.2	32.60	Peak	36.00	300	Horizontal	Pass
6**	17025.338	46.04	68.2	22.16	AV	36.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.800	49.05	74.0	24.95	Peak	115.00	200	Vertical	Pass
1**	1162.800	39.89	54.0	14.11	AV	115.00	200	Vertical	Pass
2	2969.700	50.53	88.2	37.67	Peak	69.00	400	Vertical	Pass
2**	2969.700	48.02	68.2	20.18	AV	69.00	400	Vertical	Pass
3	6416.500	91.79	--	--	Peak	177.00	200	Vertical	N/A
3**	6416.500	84.68	--	--	AV	177.00	200	Vertical	N/A
4	8553.612	49.56	88.2	38.64	Peak	277.00	100	Vertical	Pass
4**	8553.612	45.63	68.2	22.57	AV	277.00	100	Vertical	Pass
5	14451.262	54.99	88.2	33.21	Peak	223.00	200	Vertical	Pass
5**	14451.262	46.59	68.2	21.61	AV	223.00	200	Vertical	Pass
6	17042.662	55.04	88.2	33.16	Peak	21.00	100	Vertical	Pass
6**	17042.662	45.64	68.2	22.56	AV	21.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	44.56	74.0	29.44	Peak	168.00	400	Horizontal	Pass
1**	1331.300	37.64	54.0	16.36	AV	168.00	400	Horizontal	Pass
2	2969.800	50.84	88.2	37.36	Peak	176.00	200	Horizontal	Pass
2**	2969.800	48.03	68.2	20.17	AV	176.00	200	Horizontal	Pass
3	5948.250	103.33	--	--	Peak	258.00	150	Horizontal	N/A
3**	5948.250	93.38	--	--	AV	258.00	150	Horizontal	N/A
4	7953.500	53.09	88.2	35.11	Peak	120.00	100	Horizontal	Pass
4**	7953.500	48.34	68.2	19.86	AV	120.00	100	Horizontal	Pass
5	14440.237	54.72	88.2	33.48	Peak	186.00	100	Horizontal	Pass
5**	14440.237	45.60	68.2	22.60	AV	186.00	100	Horizontal	Pass
6	17121.937	55.28	88.2	32.92	Peak	87.00	100	Horizontal	Pass
6**	17121.937	46.02	68.2	22.18	AV	87.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	48.10	74.0	25.90	Peak	86.00	100	Vertical	Pass
1**	1331.500	40.18	54.0	13.82	AV	86.00	100	Vertical	Pass
2	2969.700	51.07	88.2	37.13	Peak	42.00	200	Vertical	Pass
2**	2969.700	47.14	68.2	21.06	AV	42.00	200	Vertical	Pass
3	5972.750	92.35	--	--	Peak	64.00	150	Vertical	N/A
3**	5972.750	84.79	--	--	AV	64.00	150	Vertical	N/A
4	7953.750	52.05	88.2	36.15	Peak	124.00	100	Vertical	Pass
4**	7953.750	48.35	68.2	19.85	AV	124.00	100	Vertical	Pass
5	14411.888	54.38	88.2	33.82	Peak	298.00	400	Vertical	Pass
5**	14411.888	45.17	68.2	23.03	AV	298.00	400	Vertical	Pass
6	17032.162	55.31	88.2	32.89	Peak	274.00	100	Vertical	Pass
6**	17032.162	46.64	68.2	21.56	AV	274.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2099.900	42.35	88.2	45.85	Peak	4.00	200	Horizontal	Pass
1**	2099.900	35.52	68.2	32.68	AV	4.00	200	Horizontal	Pass
2	2969.800	50.90	88.2	37.30	Peak	321.00	100	Horizontal	Pass
2**	2969.800	48.06	68.2	20.14	AV	321.00	100	Horizontal	Pass
3	6167.500	103.84	--	--	Peak	257.00	200	Horizontal	N/A
3**	6167.500	94.44	--	--	AV	257.00	200	Horizontal	N/A
4	8220.162	51.60	74.0	22.40	Peak	343.00	100	Horizontal	Pass
4**	8220.162	47.16	54.0	6.84	AV	343.00	100	Horizontal	Pass
5	14437.349	54.77	88.2	33.43	Peak	75.00	100	Horizontal	Pass
5**	14437.349	46.01	68.2	22.19	AV	75.00	100	Horizontal	Pass
6	17654.551	55.36	88.2	32.84	Peak	336.00	200	Horizontal	Pass
6**	17654.551	45.49	68.2	22.71	AV	336.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	47.96	74.0	26.04	Peak	99.00	400	Vertical	Pass
1**	1330.000	37.15	54.0	16.85	AV	99.00	400	Vertical	Pass
2	2666.700	50.91	88.2	37.29	Peak	89.00	300	Vertical	Pass
2**	2666.700	40.35	68.2	27.85	AV	89.00	300	Vertical	Pass
3	6154.000	92.47	--	--	Peak	159.00	200	Vertical	N/A
3**	6154.000	83.54	--	--	AV	159.00	200	Vertical	N/A
4	8220.162	49.98	74.0	24.02	Peak	168.00	100	Vertical	Pass
4**	8220.162	45.75	54.0	8.25	AV	168.00	100	Vertical	Pass
5	14447.849	55.44	88.2	32.76	Peak	230.00	200	Vertical	Pass
5**	14447.849	46.35	68.2	21.85	AV	230.00	200	Vertical	Pass
6	17635.650	56.22	88.2	31.98	Peak	155.00	300	Vertical	Pass
6**	17635.650	45.80	68.2	22.40	AV	155.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	45.42	74.0	28.58	Peak	58.00	100	Horizontal	Pass
1**	1328.900	38.61	54.0	15.39	AV	58.00	100	Horizontal	Pass
2	2969.900	50.94	88.2	37.26	Peak	218.00	200	Horizontal	Pass
2**	2969.900	48.21	68.2	19.99	AV	218.00	200	Horizontal	Pass
3	6409.750	105.68	--	--	Peak	110.00	200	Horizontal	N/A
3**	6409.750	97.47	--	--	AV	110.00	200	Horizontal	N/A
4	8540.075	48.91	88.2	39.29	Peak	82.00	100	Horizontal	Pass
4**	8540.075	44.85	68.2	23.35	AV	82.00	100	Horizontal	Pass
5	14451.526	54.94	88.2	33.26	Peak	20.00	300	Horizontal	Pass
5**	14451.526	46.29	68.2	21.91	AV	20.00	300	Horizontal	Pass
6	16854.449	55.47	88.2	32.73	Peak	185.00	300	Horizontal	Pass
6**	16854.449	46.30	68.2	21.90	AV	185.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2099.800	43.02	88.2	45.18	Peak	360.00	100	Vertical	Pass
1**	2099.800	34.48	68.2	33.72	AV	360.00	100	Vertical	Pass
2	2969.700	51.64	88.2	36.56	Peak	360.00	100	Vertical	Pass
2**	2969.700	44.73	68.2	23.47	AV	360.00	100	Vertical	Pass
3	6419.500	96.58	--	--	Peak	112.00	150	Vertical	N/A
3**	6419.500	87.15	--	--	AV	112.00	150	Vertical	N/A
4	8540.550	52.27	88.2	35.93	Peak	118.00	100	Vertical	Pass
4**	8540.550	50.31	68.2	17.89	AV	118.00	100	Vertical	Pass
5	14562.825	54.75	88.2	33.45	Peak	295.00	400	Vertical	Pass
5**	14562.825	44.10	68.2	24.10	AV	295.00	400	Vertical	Pass
6	17008.275	55.30	88.2	32.90	Peak	10.00	100	Vertical	Pass
6**	17008.275	46.47	68.2	21.73	AV	10.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2099.800	41.65	88.2	46.55	Peak	282.00	200	Horizontal	Pass
1**	2099.800	34.66	68.2	33.54	AV	282.00	200	Horizontal	Pass
2	2969.700	51.28	88.2	36.92	Peak	308.00	300	Horizontal	Pass
2**	2969.700	48.05	68.2	20.15	AV	308.00	300	Horizontal	Pass
3	5988.500	104.74	--	--	Peak	110.00	200	Horizontal	N/A
3**	5988.500	93.44	--	--	AV	110.00	200	Horizontal	N/A
4	7980.500	52.30	88.2	35.90	Peak	12.00	100	Horizontal	Pass
4**	7980.500	47.36	68.2	20.84	AV	12.00	100	Horizontal	Pass
5	14454.938	54.49	88.2	33.71	Peak	163.00	300	Horizontal	Pass
5**	14454.938	45.90	68.2	22.30	AV	163.00	300	Horizontal	Pass
6	17462.401	56.04	88.2	32.16	Peak	82.00	300	Horizontal	Pass
6**	17462.401	45.52	68.2	22.68	AV	82.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	47.95	74.0	26.05	Peak	128.00	400	Vertical	Pass
1**	1163.000	32.28	54.0	21.72	AV	128.00	400	Vertical	Pass
2	2969.800	51.92	88.2	36.28	Peak	110.00	200	Vertical	Pass
2**	2969.800	49.07	68.2	19.13	AV	110.00	200	Vertical	Pass
3	5968.000	97.01	--	--	Peak	112.00	200	Vertical	N/A
3**	5968.000	88.10	--	--	AV	112.00	200	Vertical	N/A
4	7592.750	53.83	74.0	20.17	Peak	229.00	400	Vertical	Pass
4**	7592.750	44.99	54.0	9.01	AV	229.00	400	Vertical	Pass
5	14419.500	55.06	88.2	33.14	Peak	275.00	100	Vertical	Pass
5**	14419.500	45.26	68.2	22.94	AV	275.00	100	Vertical	Pass
6	17005.387	55.93	88.2	32.27	Peak	103.00	400	Vertical	Pass
6**	17005.387	45.71	68.2	22.49	AV	103.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	43.78	74.0	30.22	Peak	66.00	400	Horizontal	Pass
1**	1328.600	34.14	54.0	19.86	AV	66.00	400	Horizontal	Pass
2	2969.800	50.08	88.2	38.12	Peak	5.00	300	Horizontal	Pass
2**	2969.800	47.00	68.2	21.20	AV	5.00	300	Horizontal	Pass
3	6125.500	103.38	--	--	Peak	112.00	200	Horizontal	N/A
3**	6125.500	94.24	--	--	AV	112.00	200	Horizontal	N/A
4	8193.563	49.71	74.0	24.29	Peak	355.00	100	Horizontal	Pass
4**	8193.563	46.06	54.0	7.94	AV	355.00	100	Horizontal	Pass
5	14445.750	54.58	88.2	33.62	Peak	244.00	100	Horizontal	Pass
5**	14445.750	45.46	68.2	22.74	AV	244.00	100	Horizontal	Pass
6	16995.937	54.50	88.2	33.70	Peak	56.00	400	Horizontal	Pass
6**	16995.937	45.50	68.2	22.70	AV	56.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1921.700	48.10	88.2	40.10	Peak	315.00	300	Vertical	Pass
1**	1921.700	43.23	68.2	24.97	AV	315.00	300	Vertical	Pass
2	2970.000	50.55	88.2	37.65	Peak	351.00	300	Vertical	Pass
2**	2970.000	47.42	68.2	20.78	AV	351.00	300	Vertical	Pass
3	6169.000	92.50	--	--	Peak	149.00	100	Vertical	N/A
3**	6169.000	84.85	--	--	AV	149.00	100	Vertical	N/A
4	8193.563	50.38	74.0	23.62	Peak	125.00	100	Vertical	Pass
4**	8193.563	46.53	54.0	7.47	AV	125.00	100	Vertical	Pass
5	14410.050	54.66	88.2	33.54	Peak	125.00	200	Vertical	Pass
5**	14410.050	45.59	68.2	22.61	AV	125.00	200	Vertical	Pass
6	17601.788	55.08	88.2	33.12	Peak	125.00	300	Vertical	Pass
6**	17601.788	45.66	68.2	22.54	AV	125.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	42.99	74.0	31.01	Peak	146.00	400	Horizontal	Pass
1**	1331.100	33.14	54.0	20.86	AV	146.00	400	Horizontal	Pass
2	2412.800	52.46	88.2	35.74	Peak	5.00	100	Horizontal	Pass
2**	2412.800	47.63	68.2	20.57	AV	5.00	100	Horizontal	Pass
3	6354.750	104.14	--	--	Peak	110.00	200	Horizontal	N/A
3**	6354.750	94.81	--	--	AV	110.00	200	Horizontal	N/A
4	7598.750	53.46	74.0	20.54	Peak	286.00	400	Horizontal	Pass
4**	7598.750	44.43	54.0	9.57	AV	286.00	400	Horizontal	Pass
5	14450.213	54.57	88.2	33.63	Peak	20.00	100	Horizontal	Pass
5**	14450.213	46.08	68.2	22.12	AV	20.00	100	Horizontal	Pass
6	16857.600	54.84	88.2	33.36	Peak	154.00	300	Horizontal	Pass
6**	16857.600	45.69	68.2	22.51	AV	154.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.300	48.72	74.0	25.28	Peak	130.00	200	Vertical	Pass
1**	1163.300	42.82	54.0	11.18	AV	130.00	200	Vertical	Pass
2	2969.700	50.78	88.2	37.42	Peak	174.00	300	Vertical	Pass
2**	2969.700	47.40	68.2	20.80	AV	174.00	300	Vertical	Pass
3	6400.000	93.37	--	--	Peak	169.00	100	Vertical	N/A
3**	6400.000	84.03	--	--	AV	169.00	100	Vertical	N/A
4	8513.475	51.78	88.2	36.42	Peak	123.00	100	Vertical	Pass
4**	8513.475	49.03	68.2	19.17	AV	123.00	100	Vertical	Pass
5	14453.888	54.43	88.2	33.77	Peak	283.00	200	Vertical	Pass
5**	14453.888	46.05	68.2	22.15	AV	283.00	200	Vertical	Pass
6	17031.900	54.58	88.2	33.62	Peak	64.00	300	Vertical	Pass
6**	17031.900	46.09	68.2	22.11	AV	64.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	42.80	74.0	31.20	Peak	145.00	400	Horizontal	Pass
1**	1327.900	35.03	54.0	18.97	AV	145.00	400	Horizontal	Pass
2	2969.800	51.44	88.2	36.76	Peak	190.00	300	Horizontal	Pass
2**	2969.800	48.37	68.2	19.83	AV	190.00	300	Horizontal	Pass
3	5987.500	104.33	--	--	Peak	108.00	100	Horizontal	N/A
3**	5987.500	95.65	--	--	AV	108.00	100	Horizontal	N/A
4	7940.000	54.90	88.2	33.30	Peak	285.00	400	Horizontal	Pass
4**	7940.000	44.19	68.2	24.01	AV	285.00	400	Horizontal	Pass
5	14451.526	55.47	88.2	32.73	Peak	179.00	400	Horizontal	Pass
5**	14451.526	46.27	68.2	21.93	AV	179.00	400	Horizontal	Pass
6	17661.637	55.19	88.2	33.01	Peak	283.00	100	Horizontal	Pass
6**	17661.637	45.28	68.2	22.92	AV	283.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.000	47.34	74.0	26.66	Peak	120.00	400	Vertical	Pass
1**	1166.000	36.81	54.0	17.19	AV	120.00	400	Vertical	Pass
2	2969.800	52.83	88.2	35.37	Peak	40.00	400	Vertical	Pass
2**	2969.800	50.30	68.2	17.90	AV	40.00	400	Vertical	Pass
3	5987.250	97.59	--	--	Peak	110.00	200	Vertical	N/A
3**	5987.250	86.12	--	--	AV	110.00	200	Vertical	N/A
4	8033.725	51.99	74.0	22.01	Peak	82.00	100	Vertical	Pass
4**	8033.725	47.55	54.0	6.45	AV	82.00	100	Vertical	Pass
5	14450.475	54.68	88.2	33.52	Peak	213.00	200	Vertical	Pass
5**	14450.475	45.58	68.2	22.62	AV	213.00	200	Vertical	Pass
6	16852.613	55.01	88.2	33.19	Peak	235.00	100	Vertical	Pass
6**	16852.613	45.90	68.2	22.30	AV	235.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	42.25	74.0	31.75	Peak	199.00	300	Horizontal	Pass
1**	1328.000	32.47	54.0	21.53	AV	199.00	300	Horizontal	Pass
2	2969.800	51.15	88.2	37.05	Peak	260.00	100	Horizontal	Pass
2**	2969.800	48.56	68.2	19.64	AV	260.00	100	Horizontal	Pass
3	6210.750	105.45	--	--	Peak	110.00	200	Horizontal	N/A
3**	6210.750	95.36	--	--	AV	110.00	200	Horizontal	N/A
4	7934.000	53.49	88.2	34.71	Peak	91.00	300	Horizontal	Pass
4**	7934.000	44.86	68.2	23.34	AV	91.00	300	Horizontal	Pass
5	14443.650	54.75	88.2	33.45	Peak	52.00	200	Horizontal	Pass
5**	14443.650	45.78	68.2	22.42	AV	52.00	200	Horizontal	Pass
6	16873.613	55.35	88.2	32.85	Peak	297.00	100	Horizontal	Pass
6**	16873.613	46.14	68.2	22.06	AV	297.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.600	48.54	74.0	25.46	Peak	111.00	100	Vertical	Pass
1**	1162.600	38.17	54.0	15.83	AV	111.00	100	Vertical	Pass
2	2969.800	50.87	88.2	37.33	Peak	351.00	100	Vertical	Pass
2**	2969.800	48.13	68.2	20.07	AV	351.00	100	Vertical	Pass
3	6147.000	96.25	--	--	Peak	111.00	150	Vertical	N/A
3**	6147.000	85.00	--	--	AV	111.00	150	Vertical	N/A
4	8247.000	48.70	74.0	25.30	Peak	292.00	100	Vertical	Pass
4**	8247.000	45.84	54.0	8.16	AV	292.00	100	Vertical	Pass
5	14465.963	55.03	88.2	33.17	Peak	176.00	200	Vertical	Pass
5**	14465.963	45.51	68.2	22.69	AV	176.00	200	Vertical	Pass
6	17008.801	56.09	88.2	32.11	Peak	215.00	300	Vertical	Pass
6**	17008.801	46.17	68.2	22.03	AV	215.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1753.900	45.96	88.2	42.24	Peak	280.00	200	Horizontal	Pass
1**	1753.900	40.94	68.2	27.26	AV	280.00	200	Horizontal	Pass
2	2969.700	51.35	88.2	36.85	Peak	208.00	200	Horizontal	Pass
2**	2969.700	48.16	68.2	20.04	AV	208.00	200	Horizontal	Pass
3	6353.500	104.59	--	--	Peak	110.00	200	Horizontal	N/A
3**	6353.500	95.49	--	--	AV	110.00	200	Horizontal	N/A
4	8460.275	50.14	74.0	23.86	Peak	334.00	100	Horizontal	Pass
4**	8460.275	45.11	54.0	8.89	AV	334.00	100	Horizontal	Pass
5	14454.674	54.34	88.2	33.86	Peak	271.00	200	Horizontal	Pass
5**	14454.674	46.21	68.2	21.99	AV	271.00	200	Horizontal	Pass
6	16878.863	54.61	88.2	33.59	Peak	150.00	100	Horizontal	Pass
6**	16878.863	45.06	68.2	23.14	AV	150.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.300	50.76	74.0	23.24	Peak	105.00	100	Vertical	Pass
1**	1163.300	40.86	54.0	13.14	AV	105.00	100	Vertical	Pass
2	2969.600	51.35	88.2	36.85	Peak	97.00	400	Vertical	Pass
2**	2969.600	48.45	68.2	19.75	AV	97.00	400	Vertical	Pass
3	6353.750	96.12	--	--	Peak	108.00	150	Vertical	N/A
3**	6353.750	86.45	--	--	AV	108.00	150	Vertical	N/A
4	8460.513	51.93	74.0	22.07	Peak	132.00	100	Vertical	Pass
4**	8460.513	48.34	54.0	5.66	AV	132.00	100	Vertical	Pass
5	14449.424	56.31	88.2	31.89	Peak	283.00	400	Vertical	Pass
5**	14449.424	46.32	68.2	21.88	AV	283.00	400	Vertical	Pass
6	17056.312	55.57	88.2	32.63	Peak	11.00	200	Vertical	Pass
6**	17056.312	45.36	68.2	22.84	AV	11.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	43.55	74.0	30.45	Peak	196.00	100	Horizontal	Pass
1**	1331.500	35.56	54.0	18.44	AV	196.00	100	Horizontal	Pass
2	2969.800	50.53	88.2	37.67	Peak	223.00	400	Horizontal	Pass
2**	2969.800	47.06	68.2	21.14	AV	223.00	400	Horizontal	Pass
3	6442.500	105.94	--	--	Peak	110.00	150	Horizontal	N/A
3**	6442.500	95.60	--	--	AV	110.00	150	Horizontal	N/A
4	8580.687	48.76	88.2	39.44	Peak	223.00	100	Horizontal	Pass
4**	8580.687	44.77	68.2	23.43	AV	223.00	100	Horizontal	Pass
5	14457.825	55.44	88.2	32.76	Peak	3.00	200	Horizontal	Pass
5**	14457.825	45.48	68.2	22.72	AV	3.00	200	Horizontal	Pass
6	17644.050	54.94	88.2	33.26	Peak	91.00	400	Horizontal	Pass
6**	17644.050	46.66	68.2	21.54	AV	91.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.600	48.57	74.0	25.43	Peak	118.00	400	Vertical	Pass
1**	1165.600	39.78	54.0	14.22	AV	118.00	400	Vertical	Pass
2	2969.800	51.63	88.2	36.57	Peak	84.00	100	Vertical	Pass
2**	2969.800	47.41	68.2	20.79	AV	84.00	100	Vertical	Pass
3	6434.250	94.02	--	--	Peak	249.00	150	Vertical	N/A
3**	6434.250	84.40	--	--	AV	249.00	150	Vertical	N/A
4	8580.687	52.03	88.2	36.17	Peak	130.00	100	Vertical	Pass
4**	8580.687	50.51	68.2	17.69	AV	130.00	100	Vertical	Pass
5	14454.938	54.87	88.2	33.33	Peak	8.00	400	Vertical	Pass
5**	14454.938	46.12	68.2	22.08	AV	8.00	400	Vertical	Pass
6	17121.412	54.85	88.2	33.35	Peak	164.00	200	Vertical	Pass
6**	17121.412	46.45	68.2	21.75	AV	164.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.800	42.50	88.2	45.70	Peak	154.00	300	Horizontal	Pass
1**	1991.800	30.26	68.2	37.94	AV	154.00	300	Horizontal	Pass
2	2969.600	51.29	88.2	36.91	Peak	251.00	300	Horizontal	Pass
2**	2969.600	47.27	68.2	20.93	AV	251.00	300	Horizontal	Pass
3	6469.250	103.26	--	--	Peak	132.00	200	Horizontal	N/A
3**	6469.250	94.27	--	--	AV	132.00	200	Horizontal	N/A
4	8633.888	49.85	88.2	38.35	Peak	159.00	100	Horizontal	Pass
4**	8633.888	45.38	68.2	22.82	AV	159.00	100	Horizontal	Pass
5	14462.287	54.73	88.2	33.47	Peak	247.00	100	Horizontal	Pass
5**	14462.287	45.90	68.2	22.30	AV	247.00	100	Horizontal	Pass
6	16981.239	55.12	88.2	33.08	Peak	322.00	300	Horizontal	Pass
6**	16981.239	45.62	68.2	22.58	AV	322.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.400	49.18	74.0	24.82	Peak	110.00	400	Vertical	Pass
1**	1163.400	34.97	54.0	19.03	AV	110.00	400	Vertical	Pass
2	2969.700	52.21	88.2	35.99	Peak	356.00	100	Vertical	Pass
2**	2969.700	47.71	68.2	20.49	AV	356.00	100	Vertical	Pass
3	6472.500	92.53	--	--	Peak	108.00	200	Vertical	N/A
3**	6472.500	84.16	--	--	AV	108.00	200	Vertical	N/A
4	8634.125	52.11	88.2	36.09	Peak	123.00	100	Vertical	Pass
4**	8634.125	50.53	68.2	17.67	AV	123.00	100	Vertical	Pass
5	14451.526	54.23	88.2	33.97	Peak	307.00	300	Vertical	Pass
5**	14451.526	46.00	68.2	22.20	AV	307.00	300	Vertical	Pass
6	17727.787	54.87	74.0	19.13	Peak	314.00	200	Vertical	Pass
6**	17727.787	44.88	54.0	9.12	AV	314.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	43.28	74.0	30.72	Peak	348.00	100	Horizontal	Pass
1**	1332.400	36.26	54.0	17.74	AV	348.00	100	Horizontal	Pass
2	2410.200	52.61	88.2	35.59	Peak	163.00	200	Horizontal	Pass
2**	2410.200	48.76	68.2	19.44	AV	163.00	200	Horizontal	Pass
3	6513.750	103.80	--	--	Peak	130.00	100	Horizontal	N/A
3**	6513.750	95.64	--	--	AV	130.00	100	Horizontal	N/A
4	8687.088	49.98	88.2	38.22	Peak	152.00	100	Horizontal	Pass
4**	8687.088	45.32	68.2	22.88	AV	152.00	100	Horizontal	Pass
5	14459.400	54.52	88.2	33.68	Peak	81.00	100	Horizontal	Pass
5**	14459.400	45.00	68.2	23.20	AV	81.00	100	Horizontal	Pass
6	17127.975	55.38	88.2	32.82	Peak	111.00	200	Horizontal	Pass
6**	17127.975	45.42	68.2	22.78	AV	111.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.000	49.26	74.0	24.74	Peak	108.00	300	Vertical	Pass
1**	1163.000	40.31	54.0	13.69	AV	108.00	300	Vertical	Pass
2	2969.600	50.58	88.2	37.62	Peak	302.00	100	Vertical	Pass
2**	2969.600	47.23	68.2	20.97	AV	302.00	100	Vertical	Pass
3	6520.750	92.84	--	--	Peak	208.00	150	Vertical	N/A
3**	6520.750	84.95	--	--	AV	208.00	150	Vertical	N/A
4	8687.325	52.38	88.2	35.82	Peak	115.00	100	Vertical	Pass
4**	8687.325	51.57	68.2	16.63	AV	115.00	100	Vertical	Pass
5	14442.863	54.61	88.2	33.59	Peak	30.00	400	Vertical	Pass
5**	14442.863	45.42	68.2	22.78	AV	30.00	400	Vertical	Pass
6	17032.162	54.83	88.2	33.37	Peak	155.00	200	Vertical	Pass
6**	17032.162	45.36	68.2	22.84	AV	155.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	43.26	74.0	30.74	Peak	147.00	200	Horizontal	Pass
1**	1331.300	31.32	54.0	22.68	AV	147.00	200	Horizontal	Pass
2	2969.900	49.83	88.2	38.37	Peak	76.00	200	Horizontal	Pass
2**	2969.900	46.20	68.2	22.00	AV	76.00	200	Horizontal	Pass
3	6447.750	105.60	--	--	Peak	109.00	150	Horizontal	N/A
3**	6447.750	96.97	--	--	AV	109.00	150	Horizontal	N/A
4	8593.750	49.67	88.2	38.53	Peak	117.00	100	Horizontal	Pass
4**	8593.750	45.36	68.2	22.84	AV	117.00	100	Horizontal	Pass
5	14445.225	55.86	88.2	32.34	Peak	131.00	300	Horizontal	Pass
5**	14445.225	46.35	68.2	21.85	AV	131.00	300	Horizontal	Pass
6	17077.575	54.89	88.2	33.31	Peak	360.00	300	Horizontal	Pass
6**	17077.575	45.16	68.2	23.04	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.200	49.27	74.0	24.73	Peak	100.00	100	Vertical	Pass
1**	1164.200	36.53	54.0	17.47	AV	100.00	100	Vertical	Pass
2	2409.800	49.99	88.2	38.21	Peak	358.00	400	Vertical	Pass
2**	2409.800	45.69	68.2	22.51	AV	358.00	400	Vertical	Pass
3	6443.750	95.88	--	--	Peak	112.00	200	Vertical	N/A
3**	6443.750	86.66	--	--	AV	112.00	200	Vertical	N/A
4	8593.750	52.89	88.2	35.31	Peak	113.00	100	Vertical	Pass
4**	8593.750	49.58	68.2	18.62	AV	113.00	100	Vertical	Pass
5	14439.451	55.96	88.2	32.24	Peak	198.00	400	Vertical	Pass
5**	14439.451	45.76	68.2	22.44	AV	198.00	400	Vertical	Pass
6	16989.375	54.98	88.2	33.22	Peak	235.00	400	Vertical	Pass
6**	16989.375	45.95	68.2	22.25	AV	235.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	42.29	74.0	31.71	Peak	145.00	100	Horizontal	Pass
1**	1327.600	32.34	54.0	21.66	AV	145.00	100	Horizontal	Pass
2	2969.600	50.08	88.2	38.12	Peak	82.00	300	Horizontal	Pass
2**	2969.600	45.71	68.2	22.49	AV	82.00	300	Horizontal	Pass
3	6487.250	105.28	--	--	Peak	112.00	200	Horizontal	N/A
3**	6487.250	96.46	--	--	AV	112.00	200	Horizontal	N/A
4	8647.187	48.06	88.2	40.14	Peak	328.00	100	Horizontal	Pass
4**	8647.187	44.53	68.2	23.67	AV	328.00	100	Horizontal	Pass
5	14448.113	54.62	88.2	33.58	Peak	342.00	400	Horizontal	Pass
5**	14448.113	46.92	68.2	21.28	AV	342.00	400	Horizontal	Pass
6	17609.662	55.44	88.2	32.76	Peak	93.00	400	Horizontal	Pass
6**	17609.662	45.71	68.2	22.49	AV	93.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.700	47.62	74.0	26.38	Peak	91.00	200	Vertical	Pass
1**	1327.700	35.23	54.0	18.77	AV	91.00	200	Vertical	Pass
2	2969.700	51.36	88.2	36.84	Peak	108.00	300	Vertical	Pass
2**	2969.700	48.04	68.2	20.16	AV	108.00	300	Vertical	Pass
3	6469.250	94.02	--	--	Peak	191.00	200	Vertical	N/A
3**	6469.250	85.97	--	--	AV	191.00	200	Vertical	N/A
4	8647.187	51.92	88.2	36.28	Peak	116.00	100	Vertical	Pass
4**	8647.187	49.97	68.2	18.23	AV	116.00	100	Vertical	Pass
5	14453.625	54.65	88.2	33.55	Peak	283.00	100	Vertical	Pass
5**	14453.625	45.65	68.2	22.55	AV	283.00	100	Vertical	Pass
6	17640.114	55.34	88.2	32.86	Peak	144.00	200	Vertical	Pass
6**	17640.114	45.83	68.2	22.37	AV	144.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1753.700	44.31	88.2	43.89	Peak	91.00	100	Horizontal	Pass
1**	1753.700	38.91	68.2	29.29	AV	91.00	100	Horizontal	Pass
2	2969.800	50.47	88.2	37.73	Peak	360.00	400	Horizontal	Pass
2**	2969.800	47.27	68.2	20.93	AV	360.00	400	Horizontal	Pass
3	6520.500	105.03	--	--	Peak	130.00	150	Horizontal	N/A
3**	6520.500	96.63	--	--	AV	130.00	150	Horizontal	N/A
4	8700.387	49.86	88.2	38.34	Peak	152.00	100	Horizontal	Pass
4**	8700.387	45.85	68.2	22.35	AV	152.00	100	Horizontal	Pass
5	14456.250	54.50	88.2	33.70	Peak	307.00	300	Horizontal	Pass
5**	14456.250	45.66	68.2	22.54	AV	307.00	300	Horizontal	Pass
6	17038.463	55.09	88.2	33.11	Peak	358.00	400	Horizontal	Pass
6**	17038.463	45.89	68.2	22.31	AV	358.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.400	48.83	74.0	25.17	Peak	99.00	200	Vertical	Pass
1**	1165.400	40.64	54.0	13.36	AV	99.00	200	Vertical	Pass
2	2969.900	51.34	88.2	36.86	Peak	338.00	200	Vertical	Pass
2**	2969.900	48.28	68.2	19.92	AV	338.00	200	Vertical	Pass
3	6530.000	93.71	--	--	Peak	111.00	100	Vertical	N/A
3**	6530.000	85.02	--	--	AV	111.00	100	Vertical	N/A
4	8700.387	53.56	88.2	34.64	Peak	115.00	100	Vertical	Pass
4**	8700.387	50.88	68.2	17.32	AV	115.00	100	Vertical	Pass
5	14858.662	54.34	88.2	33.86	Peak	152.00	300	Vertical	Pass
5**	14858.662	44.24	68.2	23.96	AV	152.00	300	Vertical	Pass
6	17607.037	55.09	88.2	33.11	Peak	300.00	100	Vertical	Pass
6**	17607.037	45.70	68.2	22.50	AV	300.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	43.84	74.0	30.16	Peak	241.00	400	Horizontal	Pass
1**	1331.800	35.78	54.0	18.22	AV	241.00	400	Horizontal	Pass
2	2969.700	51.15	88.2	37.05	Peak	205.00	400	Horizontal	Pass
2**	2969.700	47.29	68.2	20.91	AV	205.00	400	Horizontal	Pass
3	6452.500	103.47	--	--	Peak	286.00	100	Horizontal	N/A
3**	6452.500	93.73	--	--	AV	286.00	100	Horizontal	N/A
4	8620.112	48.74	88.2	39.46	Peak	336.00	100	Horizontal	Pass
4**	8620.112	45.30	68.2	22.90	AV	336.00	100	Horizontal	Pass
5	14463.075	54.61	88.2	33.59	Peak	86.00	200	Horizontal	Pass
5**	14463.075	45.86	68.2	22.34	AV	86.00	200	Horizontal	Pass
6	17729.886	55.76	74.0	18.24	Peak	13.00	100	Horizontal	Pass
6**	17729.886	44.76	54.0	9.24	AV	13.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.500	51.14	74.0	22.86	Peak	101.00	200	Vertical	Pass
1**	1162.500	37.63	54.0	16.37	AV	101.00	200	Vertical	Pass
2	4857.000	49.08	74.0	24.92	Peak	325.00	300	Vertical	Pass
2**	4857.000	40.31	54.0	13.69	AV	325.00	300	Vertical	Pass
3	6433.500	94.25	--	--	Peak	247.00	100	Vertical	N/A
3**	6433.500	86.75	--	--	AV	247.00	100	Vertical	N/A
4	8620.349	51.68	88.2	36.52	Peak	122.00	100	Vertical	Pass
4**	8620.349	50.36	68.2	17.84	AV	122.00	100	Vertical	Pass
5	14465.438	55.04	88.2	33.16	Peak	106.00	200	Vertical	Pass
5**	14465.438	46.43	68.2	21.77	AV	106.00	200	Vertical	Pass
6	17027.700	54.95	88.2	33.25	Peak	188.00	100	Vertical	Pass
6**	17027.700	46.10	68.2	22.10	AV	188.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	42.75	74.0	31.25	Peak	154.00	400	Horizontal	Pass
1**	1330.700	32.67	54.0	21.33	AV	154.00	400	Horizontal	Pass
2	2969.700	50.15	88.2	38.05	Peak	243.00	100	Horizontal	Pass
2**	2969.700	47.96	68.2	20.24	AV	243.00	100	Horizontal	Pass
3	6514.500	102.44	--	--	Peak	113.00	100	Horizontal	N/A
3**	6514.500	94.00	--	--	AV	113.00	100	Horizontal	N/A
4	8726.513	51.83	88.2	36.37	Peak	123.00	100	Horizontal	Pass
4**	8726.513	46.36	68.2	21.84	AV	123.00	100	Horizontal	Pass
5	14462.287	54.76	88.2	33.44	Peak	262.00	400	Horizontal	Pass
5**	14462.287	45.55	68.2	22.65	AV	262.00	400	Horizontal	Pass
6	16856.550	54.87	88.2	33.33	Peak	240.00	300	Horizontal	Pass
6**	16856.550	45.87	68.2	22.33	AV	240.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.200	50.94	74.0	23.06	Peak	108.00	100	Vertical	Pass
1**	1161.200	34.43	54.0	19.57	AV	108.00	100	Vertical	Pass
2	2969.800	51.50	88.2	36.70	Peak	215.00	100	Vertical	Pass
2**	2969.800	47.55	68.2	20.65	AV	215.00	100	Vertical	Pass
3	6521.500	91.22	--	--	Peak	132.00	100	Vertical	N/A
3**	6521.500	84.16	--	--	AV	132.00	100	Vertical	N/A
4	8726.988	52.76	88.2	35.44	Peak	132.00	100	Vertical	Pass
4**	8726.988	51.21	68.2	16.99	AV	132.00	100	Vertical	Pass
5	14444.701	54.54	88.2	33.66	Peak	193.00	400	Vertical	Pass
5**	14444.701	45.49	68.2	22.71	AV	193.00	400	Vertical	Pass
6	17107.238	55.53	88.2	32.67	Peak	148.00	400	Vertical	Pass
6**	17107.238	45.89	68.2	22.31	AV	148.00	400	Vertical	Pass