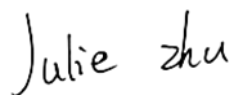
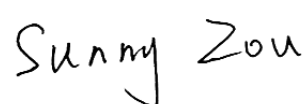


TEST REPORT

Applicant: REOLINK TECHNOLOGY PTE. LTD.
Address: 31 KAKI BUKIT ROAD 3, #06-02, TECHLINK,
SINGAPORE 417818
Equipment Type: WiFi module
Model Name: WXT0LR1201
Brand Name: Reolink
FCC ID: 2BN5S-2503B
ISED Number: 33667-2503B
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Jul. 11, 2025
Test Date: Aug. 04, 2025 - Aug. 23, 2025
Date of Issue: Sep. 02, 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>Sep. 02, 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. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	REOLINK TECHNOLOGY PTE. LTD.
Address	31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818

2.2 Manufacturer Information

Manufacturer	REOLINK TECHNOLOGY PTE. LTD.
Address	31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi module
Model Name Under Test	WXT0LR1201
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	2408210030000
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
-----------------------------------	--

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location Indoor for IC standard
Modulation Technology	OFDM, OFDMA
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9 802.11ax up to 600 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 39.72 mW U-NII-2A: 39.54 mW U-NII-2C: 39.63 mW U-NII-3: 39.63 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Dipole Antenna
Antenna Gain	Antenna A U-NII-1: 5150 MHz to 5250 MHz: 3.75 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.50 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.78 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.29 dBi
	Antenna B U-NII-1: 5150 MHz to 5250 MHz: 2.97 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.95 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.83 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.46 dBi
About the Product	The equipment is WiFi module, intended for used with information technology equipment.

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

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	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band

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/n(HT20)/ac(VHT20)/ax(HE20)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)/ax(HE40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)/ax(HE80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

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-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155

Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
Band Edge (Restricted- band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155

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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note 1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass ^{Note 4}
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass ^{Note 4}
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass ^{Note 4}
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass ^{Note 4}
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass ^{Note 4}
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass ^{Note 4}
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

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

Note ²: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note ³: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

Note ⁴: Compared with the EUT of test report BL-SZ24C0723-604, the EUT of this report shows different things as below:

1. Update antenna and antenna gain.

Other hardware circuit and software are the same as EUT referred to in test report BL-SZ24C0723-604. Therefore, in addition to the above differences, just Conducted Emission & Radiated Spurious Emissions and Band Edge (Restricted-band) were retested in this report, others test data and EUT information are derived from the report BL-SZ24C0723-604 published by Shenzhen BALUN Technology Co., Ltd. on Mar. 13, 2025.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	52% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+16.8℃ to +26.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.3V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2025.06.16	2026.06.15
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	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*2.8m	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%

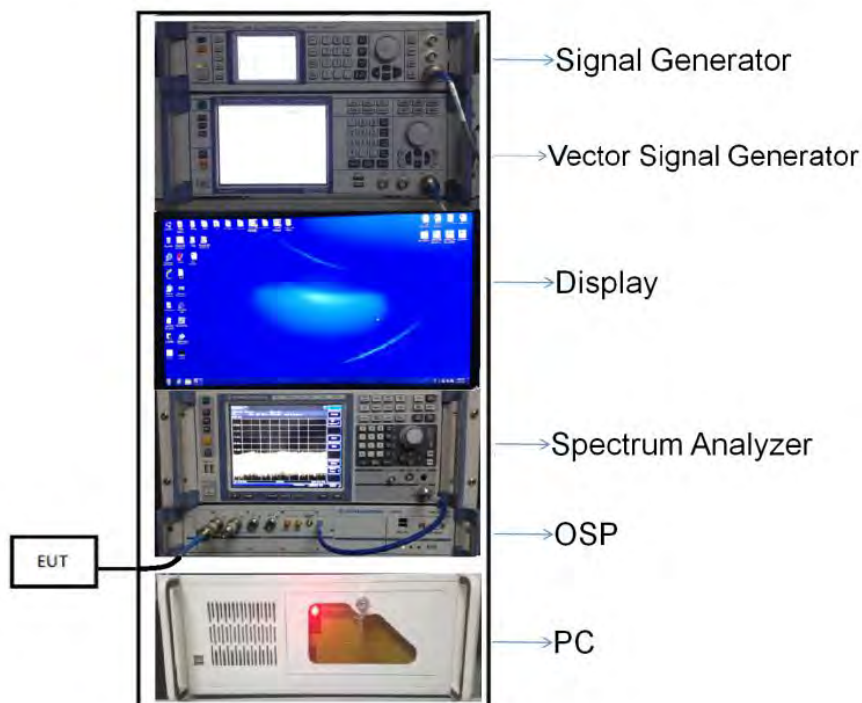
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

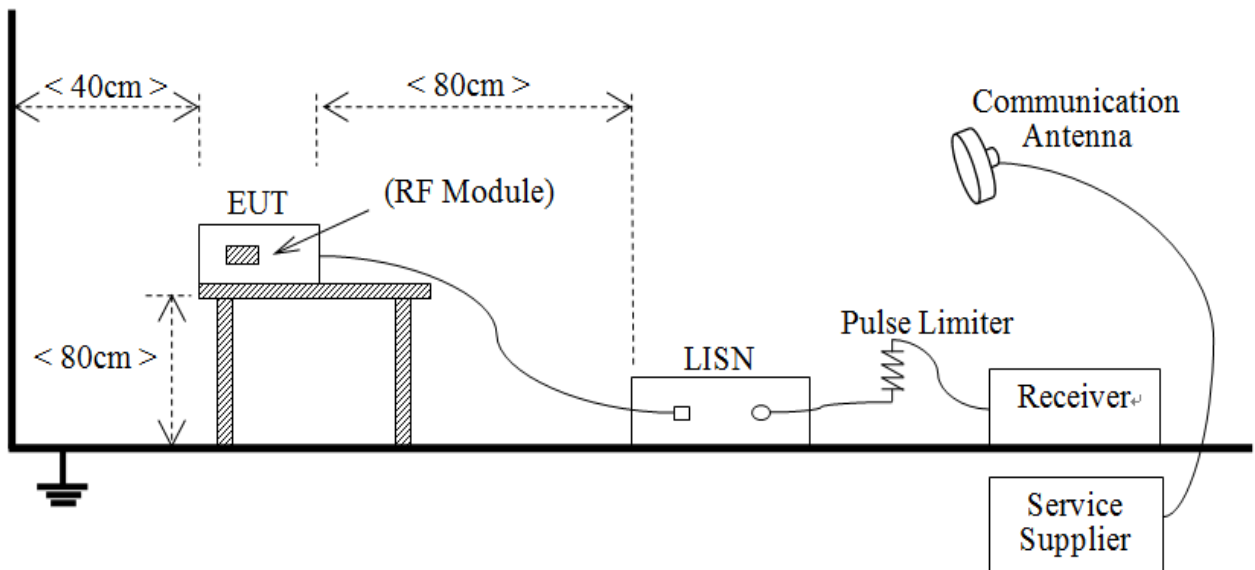
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



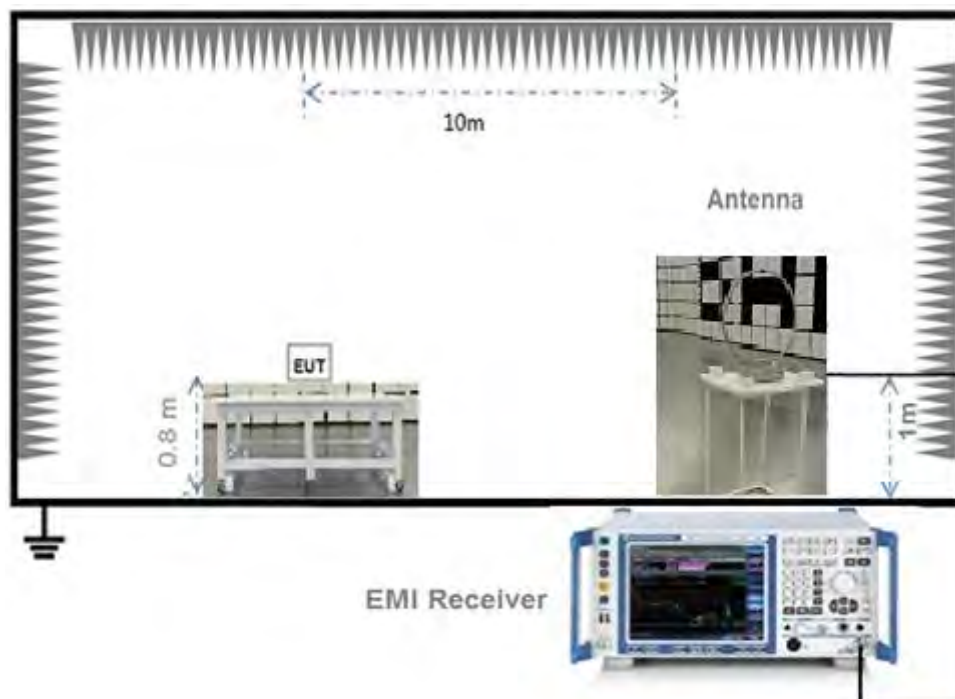
(Diagram 1)

4.5.2 For AC Power Supply Port Test



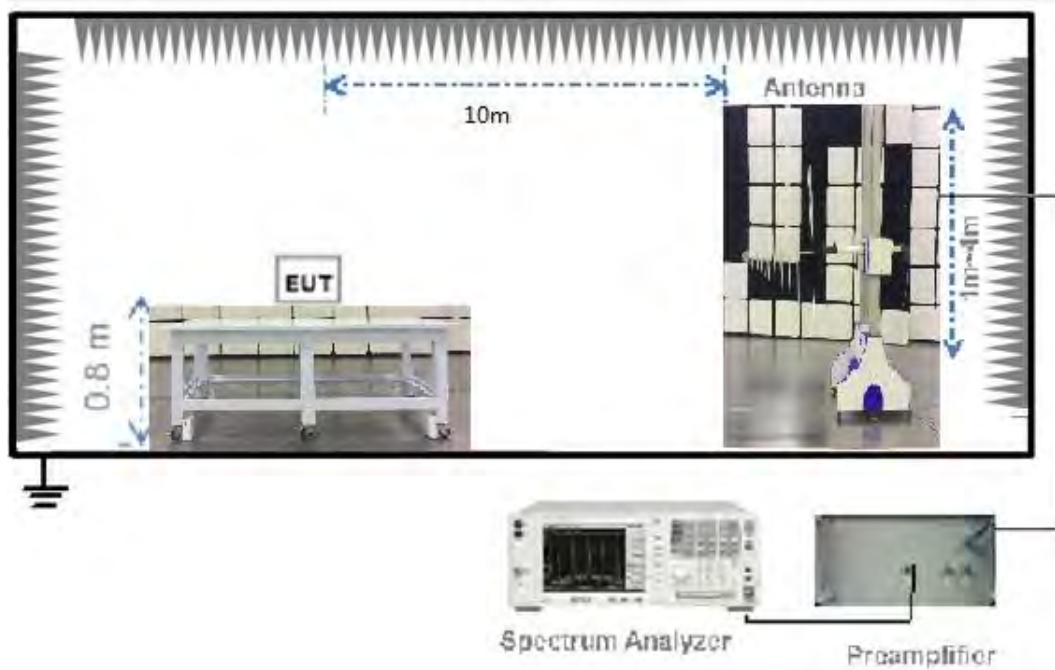
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



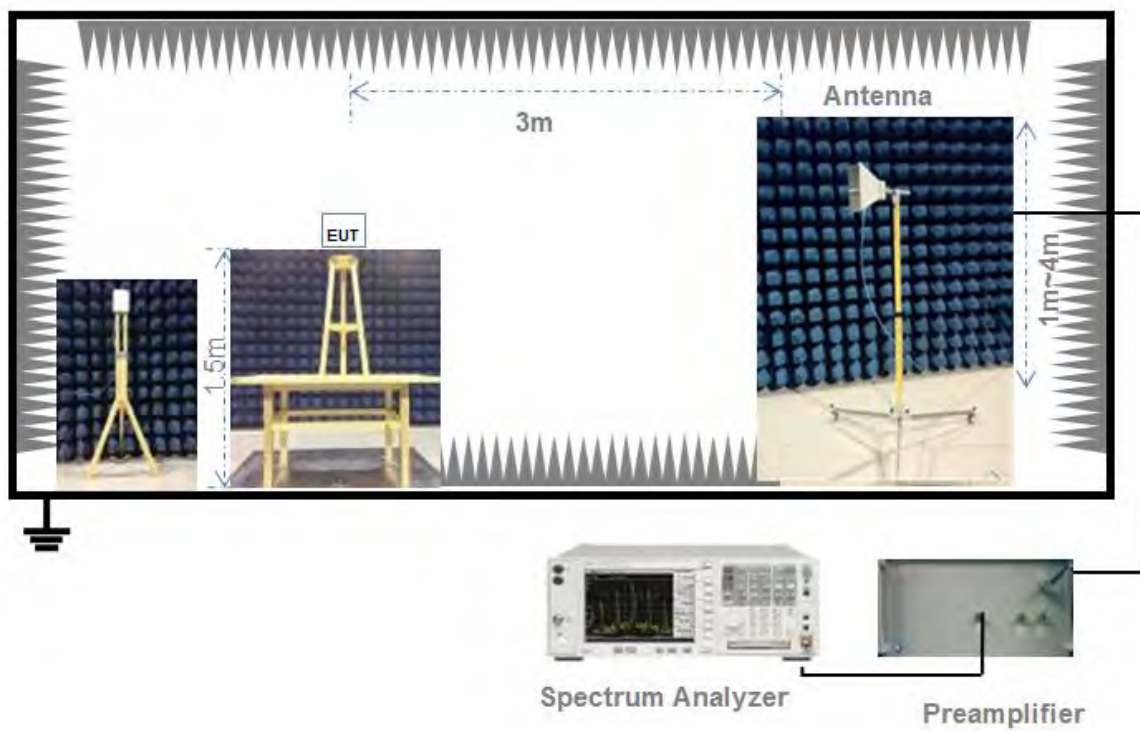
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 99% emissions bandwidth in MHz.	

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

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note1: Where “B” is the 99% emissions bandwidth in MHz.	
Note2: EIRP= maximum conducted output power+ Antenna Gain.	

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 $RBW \geq OBW$ 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 C63.4 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 and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

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 $\geq 3 \times$ 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 $\geq 3 \times$ 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)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

RSS-247, 6.2

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

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

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain.	

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ 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 C63.4 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, RSS-GEN, 8.8

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

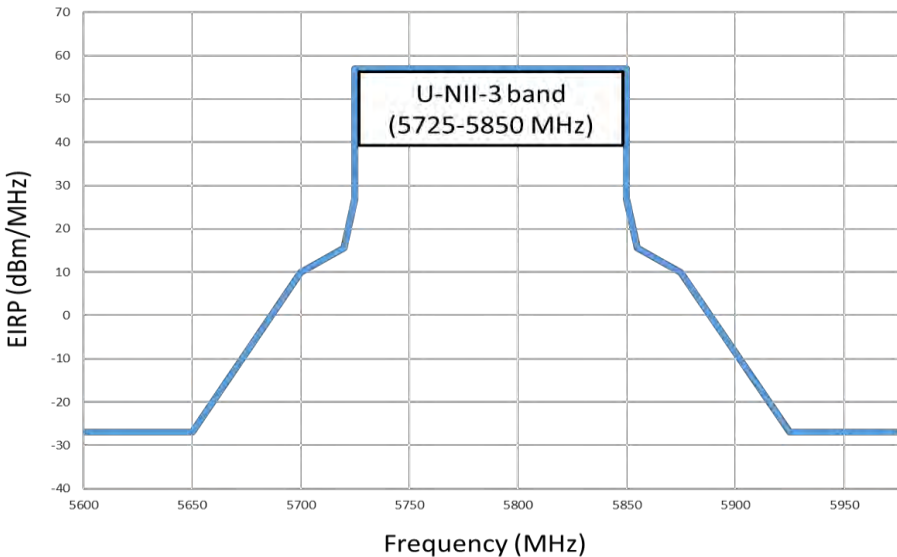
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note ²: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.53	35.73	250	Pass
11a	CH44	15.83	38.28	250	Pass
11a	CH48	15.94	39.26	250	Pass
11n(HT20)	CH36	15.92	39.08	250	Pass
11n(HT20)	CH44	15.84	38.37	250	Pass
11n(HT20)	CH48	15.81	38.11	250	Pass
11n(HT40)	CH38	15.84	38.37	250	Pass
11n(HT40)	CH46	15.97	39.54	250	Pass
11ac(VHT20)	CH36	15.90	38.90	250	Pass
11ac(VHT20)	CH44	15.95	39.36	250	Pass
11ac(VHT20)	CH48	15.98	39.63	250	Pass
11ac(VHT40)	CH38	15.71	37.24	250	Pass
11ac(VHT40)	CH46	15.92	39.08	250	Pass
11ac(VHT80)	CH42	15.87	38.64	250	Pass
11ax(HE20)(SU)	CH36	15.99	39.72	250	Pass
11ax(HE20)(SU)	CH44	15.78	37.84	250	Pass
11ax(HE20)(SU)	CH48	15.93	39.17	250	Pass
11ax(HE40)(SU)	CH38	15.90	38.90	250	Pass
11ax(HE40)(SU)	CH46	15.98	39.63	250	Pass
11ax(HE80)(SU)	CH42	15.97	39.54	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	15.75	37.58	229	204	Pass
11a	CH60	15.87	38.64	228	204	Pass
11a	CH64	15.97	39.54	228	204	Pass
11n(HT20)	CH52	15.92	39.08	239	219	Pass
11n(HT20)	CH60	15.75	37.58	240	219	Pass
11n(HT20)	CH64	15.62	36.48	239	218	Pass
11n(HT40)	CH54	15.74	37.50	250	250	Pass
11n(HT40)	CH62	15.58	36.14	250	250	Pass
11ac(VHT20)	CH52	15.93	39.17	239	218	Pass
11ac(VHT20)	CH60	15.82	38.19	238	219	Pass
11ac(VHT20)	CH64	15.63	36.56	239	218	Pass
11ac(VHT40)	CH54	15.84	38.37	250	250	Pass
11ac(VHT40)	CH62	15.40	34.67	250	250	Pass
11ac(VHT80)	CH58	14.26	26.67	250	250	Pass
11ax(HE20)(SU)	CH52	15.67	36.90	250	236	Pass
11ax(HE20)(SU)	CH60	15.82	38.19	250	236	Pass
11ax(HE20)(SU)	CH64	15.62	36.48	250	235	Pass
11ax(HE40)(SU)	CH54	15.78	37.84	250	250	Pass
11ax(HE40)(SU)	CH62	15.83	38.28	250	250	Pass
11ax(HE80)(SU)	CH58	14.72	29.65	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	15.79	37.93	227	204	Pass
11a	CH116	15.68	36.98	228	204	Pass
11a	CH140	15.91	38.99	228	204	Pass
11n(HT20)	CH100	15.85	38.46	239	219	Pass
11n(HT20)	CH116	15.84	38.37	240	219	Pass
11n(HT20)	CH140	15.63	36.56	240	218	Pass
11n(HT40)	CH102	15.81	38.11	250	250	Pass
11n(HT40)	CH118	15.81	38.11	250	250	Pass
11n(HT40)	CH134	15.86	38.55	250	250	Pass
11ac(VHT20)	CH100	15.91	38.99	239	218	Pass
11ac(VHT20)	CH116	15.78	37.84	238	219	Pass
11ac(VHT20)	CH140	15.90	38.90	239	218	Pass
11ac(VHT40)	CH102	15.83	38.28	250	250	Pass
11ac(VHT40)	CH118	15.89	38.82	250	250	Pass
11ac(VHT40)	CH134	15.78	37.84	250	250	Pass
11ac(VHT80)	CH106	15.98	39.63	250	250	Pass
11ac(VHT80)	CH122	15.70	37.15	250	250	Pass
11ax(HE20)(SU)	CH100	15.60	36.31	250	236	Pass
11ax(HE20)(SU)	CH116	15.70	37.15	250	235	Pass
11ax(HE20)(SU)	CH140	15.88	38.73	250	236	Pass
11ax(HE40)(SU)	CH102	15.80	38.02	250	250	Pass
11ax(HE40)(SU)	CH118	15.79	37.93	250	250	Pass
11ax(HE40)(SU)	CH134	15.83	38.28	250	250	Pass
11ax(HE80)(SU)	CH106	15.92	39.08	250	250	Pass
11ax(HE80)(SU)	CH122	15.70	37.15	250	250	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH149	15.57	36.06	1000	1000	Pass
11a	CH157	15.76	37.67	1000	1000	Pass
11a	CH165	15.69	37.07	1000	1000	Pass
11n(HT20)	CH149	15.71	37.24	1000	1000	Pass
11n(HT20)	CH157	15.91	38.99	1000	1000	Pass
11n(HT20)	CH165	15.54	35.81	1000	1000	Pass
11n(HT40)	CH151	15.72	37.33	1000	1000	Pass
11n(HT40)	CH159	15.81	38.11	1000	1000	Pass
11ac(VHT20)	CH149	15.88	38.73	1000	1000	Pass
11ac(VHT20)	CH157	15.98	39.63	1000	1000	Pass
11ac(VHT20)	CH165	15.82	38.19	1000	1000	Pass
11ac(VHT40)	CH151	15.83	38.28	1000	1000	Pass
11ac(VHT40)	CH159	15.88	38.73	1000	1000	Pass
11ac(VHT80)	CH155	15.74	37.50	1000	1000	Pass
11ax(HE20)(SU)	CH149	15.67	36.90	1000	1000	Pass
11ax(HE20)(SU)	CH157	15.83	38.28	1000	1000	Pass
11ax(HE20)(SU)	CH165	15.57	36.06	1000	1000	Pass
11ax(HE40)(SU)	CH151	15.84	38.37	1000	1000	Pass
11ax(HE40)(SU)	CH159	15.79	37.93	1000	1000	Pass
11ax(HE80)(SU)	CH155	15.84	38.37	1000	1000	Pass

E.I.R.PAntenna A

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	19.28	84.72	162	Pass
11a	CH44	19.58	90.78	162	Pass
11a	CH48	19.69	93.11	162	Pass
11n(HT20)	CH36	19.67	92.68	173	Pass
11n(HT20)	CH44	19.59	90.99	174	Pass
11n(HT20)	CH48	19.56	90.36	174	Pass
11n(HT40)	CH38	19.59	90.99	200	Pass
11n(HT40)	CH46	19.72	93.76	200	Pass
11ac(VHT20)	CH36	19.65	92.26	174	Pass
11ac(VHT20)	CH44	19.70	93.33	173	Pass
11ac(VHT20)	CH48	19.73	93.97	173	Pass
11ac(VHT40)	CH38	19.46	88.31	200	Pass
11ac(VHT40)	CH46	19.67	92.68	200	Pass
11ac(VHT80)	CH42	19.62	91.62	200	Pass
11ax(HE20)(SU)	CH36	19.74	94.19	187	Pass
11ax(HE20)(SU)	CH44	19.53	89.74	187	Pass
11ax(HE20)(SU)	CH48	19.68	92.90	187	Pass
11ax(HE40)(SU)	CH38	19.65	92.26	200	Pass
11ax(HE40)(SU)	CH46	19.73	93.97	200	Pass
11ax(HE80)(SU)	CH42	19.72	93.76	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	20.25	105.93	812	Pass
11a	CH60	20.37	108.89	813	Pass
11a	CH64	20.47	111.43	812	Pass
11n(HT20)	CH52	20.42	110.15	870	Pass
11n(HT20)	CH60	20.25	105.93	870	Pass
11n(HT20)	CH64	20.12	102.80	870	Pass
11n(HT40)	CH54	20.24	105.68	1000	Pass
11n(HT40)	CH62	20.08	101.86	1000	Pass
11ac(VHT20)	CH52	20.43	110.41	870	Pass
11ac(VHT20)	CH60	20.32	107.65	870	Pass
11ac(VHT20)	CH64	20.13	103.04	870	Pass
11ac(VHT40)	CH54	20.34	108.14	1000	Pass
11ac(VHT40)	CH62	19.90	97.72	1000	Pass
11ac(VHT80)	CH58	18.76	75.16	1000	Pass
11ax(HE20)(SU)	CH52	20.17	103.99	939	Pass
11ax(HE20)(SU)	CH60	20.32	107.65	938	Pass
11ax(HE20)(SU)	CH64	20.12	102.80	937	Pass
11ax(HE40)(SU)	CH54	20.28	106.66	1000	Pass
11ax(HE40)(SU)	CH62	20.33	107.89	1000	Pass
11ax(HE80)(SU)	CH58	19.22	83.56	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	19.57	90.57	814	Pass
11a	CH116	19.46	88.31	813	Pass
11a	CH140	19.69	93.11	812	Pass
11n(HT20)	CH100	19.63	91.83	871	Pass
11n(HT20)	CH116	19.62	91.62	871	Pass
11n(HT20)	CH140	19.41	87.30	869	Pass
11n(HT40)	CH102	19.59	90.99	1000	Pass
11n(HT40)	CH118	19.59	90.99	1000	Pass
11n(HT40)	CH134	19.64	92.04	1000	Pass
11ac(VHT20)	CH100	19.69	93.11	870	Pass
11ac(VHT20)	CH116	19.56	90.36	871	Pass
11ac(VHT20)	CH140	19.68	92.90	870	Pass
11ac(VHT40)	CH102	19.61	91.41	1000	Pass
11ac(VHT40)	CH118	19.67	92.68	1000	Pass
11ac(VHT40)	CH134	19.56	90.36	1000	Pass
11ac(VHT80)	CH106	19.76	94.62	1000	Pass
11ac(VHT80)	CH122	19.48	88.72	1000	Pass
11ax(HE20)(SU)	CH100	19.38	86.70	939	Pass
11ax(HE20)(SU)	CH116	19.48	88.72	937	Pass
11ax(HE20)(SU)	CH140	19.66	92.47	939	Pass
11ax(HE40)(SU)	CH102	19.58	90.78	1000	Pass
11ax(HE40)(SU)	CH118	19.57	90.57	1000	Pass
11ax(HE40)(SU)	CH134	19.61	91.41	1000	Pass
11ax(HE80)(SU)	CH106	19.70	93.33	1000	Pass
11ax(HE80)(SU)	CH122	19.48	88.72	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	19.86	96.83	Pass
11a	CH157	20.05	101.16	Pass
11a	CH165	19.98	99.54	Pass
11n(HT20)	CH149	20.00	100.00	Pass
11n(HT20)	CH157	20.20	104.71	Pass
11n(HT20)	CH165	19.83	96.16	Pass
11n(HT40)	CH151	20.01	100.23	Pass
11n(HT40)	CH159	20.10	102.33	Pass
11ac(VHT20)	CH149	20.17	103.99	Pass
11ac(VHT20)	CH157	20.27	106.41	Pass
11ac(VHT20)	CH165	20.11	102.57	Pass
11ac(VHT40)	CH151	20.12	102.80	Pass
11ac(VHT40)	CH159	20.17	103.99	Pass
11ac(VHT80)	CH155	20.03	100.69	Pass
11ax(HE20)(SU)	CH149	19.96	99.08	Pass
11ax(HE20)(SU)	CH157	20.12	102.80	Pass
11ax(HE20)(SU)	CH165	19.86	96.83	Pass
11ax(HE40)(SU)	CH151	20.13	103.04	Pass
11ax(HE40)(SU)	CH159	20.08	101.86	Pass
11ax(HE80)(SU)	CH155	20.13	103.04	Pass

Antenna B

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	18.50	70.79	162	Pass
11a	CH44	18.80	75.86	162	Pass
11a	CH48	18.91	77.80	162	Pass
11n(HT20)	CH36	18.89	77.45	173	Pass
11n(HT20)	CH44	18.81	76.03	174	Pass
11n(HT20)	CH48	18.78	75.51	174	Pass
11n(HT40)	CH38	18.81	76.03	200	Pass
11n(HT40)	CH46	18.94	78.34	200	Pass
11ac(VHT20)	CH36	18.87	77.09	174	Pass
11ac(VHT20)	CH44	18.92	77.98	173	Pass
11ac(VHT20)	CH48	18.95	78.52	173	Pass
11ac(VHT40)	CH38	18.68	73.79	200	Pass
11ac(VHT40)	CH46	18.89	77.45	200	Pass
11ac(VHT80)	CH42	18.84	76.56	200	Pass
11ax(HE20)(SU)	CH36	18.96	78.70	187	Pass
11ax(HE20)(SU)	CH44	18.75	74.99	187	Pass
11ax(HE20)(SU)	CH48	18.90	77.62	187	Pass
11ax(HE40)(SU)	CH38	18.87	77.09	200	Pass
11ax(HE40)(SU)	CH46	18.95	78.52	200	Pass
11ax(HE80)(SU)	CH42	18.94	78.34	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	18.70	74.13	812	Pass
11a	CH60	18.82	76.21	813	Pass
11a	CH64	18.92	77.98	812	Pass
11n(HT20)	CH52	18.87	77.09	870	Pass
11n(HT20)	CH60	18.70	74.13	870	Pass
11n(HT20)	CH64	18.57	71.94	870	Pass
11n(HT40)	CH54	18.69	73.96	1000	Pass
11n(HT40)	CH62	18.53	71.29	1000	Pass
11ac(VHT20)	CH52	18.88	77.27	870	Pass
11ac(VHT20)	CH60	18.77	75.34	870	Pass
11ac(VHT20)	CH64	18.58	72.11	870	Pass
11ac(VHT40)	CH54	18.79	75.68	1000	Pass
11ac(VHT40)	CH62	18.35	68.39	1000	Pass
11ac(VHT80)	CH58	17.21	52.60	1000	Pass
11ax(HE20)(SU)	CH52	18.62	72.78	939	Pass
11ax(HE20)(SU)	CH60	18.77	75.34	938	Pass
11ax(HE20)(SU)	CH64	18.57	71.94	937	Pass
11ax(HE40)(SU)	CH54	18.73	74.64	1000	Pass
11ax(HE40)(SU)	CH62	18.78	75.51	1000	Pass
11ax(HE80)(SU)	CH58	17.67	58.48	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	19.62	91.62	814	Pass
11a	CH116	19.51	89.33	813	Pass
11a	CH140	19.74	94.19	812	Pass
11n(HT20)	CH100	19.68	92.90	871	Pass
11n(HT20)	CH116	19.67	92.68	871	Pass
11n(HT20)	CH140	19.46	88.31	869	Pass
11n(HT40)	CH102	19.64	92.04	1000	Pass
11n(HT40)	CH118	19.64	92.04	1000	Pass
11n(HT40)	CH134	19.69	93.11	1000	Pass
11ac(VHT20)	CH100	19.74	94.19	870	Pass
11ac(VHT20)	CH116	19.61	91.41	871	Pass
11ac(VHT20)	CH140	19.73	93.97	870	Pass
11ac(VHT40)	CH102	19.66	92.47	1000	Pass
11ac(VHT40)	CH118	19.72	93.76	1000	Pass
11ac(VHT40)	CH134	19.61	91.41	1000	Pass
11ac(VHT80)	CH106	19.81	95.72	1000	Pass
11ac(VHT80)	CH122	19.53	89.74	1000	Pass
11ax(HE20)(SU)	CH100	19.43	87.70	939	Pass
11ax(HE20)(SU)	CH116	19.53	89.74	937	Pass
11ax(HE20)(SU)	CH140	19.71	93.54	939	Pass
11ax(HE40)(SU)	CH102	19.63	91.83	1000	Pass
11ax(HE40)(SU)	CH118	19.62	91.62	1000	Pass
11ax(HE40)(SU)	CH134	19.66	92.47	1000	Pass
11ax(HE80)(SU)	CH106	19.75	94.41	1000	Pass
11ax(HE80)(SU)	CH122	19.53	89.74	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	17.03	50.47	Pass
11a	CH157	17.22	52.72	Pass
11a	CH165	17.15	51.88	Pass
11n(HT20)	CH149	17.17	52.12	Pass
11n(HT20)	CH157	17.37	54.58	Pass
11n(HT20)	CH165	17.00	50.12	Pass
11n(HT40)	CH151	17.18	52.24	Pass
11n(HT40)	CH159	17.27	53.33	Pass
11ac(VHT20)	CH149	17.34	54.20	Pass
11ac(VHT20)	CH157	17.44	55.46	Pass
11ac(VHT20)	CH165	17.28	53.46	Pass
11ac(VHT40)	CH151	17.29	53.58	Pass
11ac(VHT40)	CH159	17.34	54.20	Pass
11ac(VHT80)	CH155	17.20	52.48	Pass
11ax(HE20)(SU)	CH149	17.13	51.64	Pass
11ax(HE20)(SU)	CH157	17.29	53.58	Pass
11ax(HE20)(SU)	CH165	17.03	50.47	Pass
11ax(HE40)(SU)	CH151	17.30	53.70	Pass
11ax(HE40)(SU)	CH159	17.25	53.09	Pass
11ax(HE80)(SU)	CH155	17.30	53.70	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2571609-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	18.09	16.20
11a	CH44	18.12	16.22
11a	CH48	18.07	16.21
11n(HT20)	CH36	19.02	17.35
11n(HT20)	CH44	19.01	17.36
11n(HT20)	CH48	19.02	17.36
11n(HT40)	CH38	38.51	35.79
11n(HT40)	CH46	38.69	35.80
11ac(VHT20)	CH36	19.04	17.35
11ac(VHT20)	CH44	18.96	17.34
11ac(VHT20)	CH48	18.98	17.33
11ac(VHT40)	CH38	38.37	35.83
11ac(VHT40)	CH46	38.47	35.88
11ac(VHT80)	CH42	78.87	75.07
11ax(HE20)(SU)	CH36	20.08	18.75
11ax(HE20)(SU)	CH44	20.13	18.72
11ax(HE20)(SU)	CH48	20.06	18.73
11ax(HE40)(SU)	CH38	39.61	37.37
11ax(HE40)(SU)	CH46	39.58	37.41
11ax(HE80)(SU)	CH42	80.30	76.75

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	18.17	16.20
11a	CH60	18.08	16.22
11a	CH64	18.10	16.19
11n(HT20)	CH52	19.00	17.36
11n(HT20)	CH60	19.05	17.36
11n(HT20)	CH64	18.98	17.35
11n(HT40)	CH54	38.63	35.83
11n(HT40)	CH62	38.64	35.80
11ac(VHT20)	CH52	18.99	17.35
11ac(VHT20)	CH60	18.93	17.36
11ac(VHT20)	CH64	19.00	17.36
11ac(VHT40)	CH54	38.50	35.89
11ac(VHT40)	CH62	38.42	35.90
11ac(VHT80)	CH58	79.09	75.16
11ax(HE20)(SU)	CH52	20.06	18.73
11ax(HE20)(SU)	CH60	20.08	18.72
11ax(HE20)(SU)	CH64	20.09	18.70
11ax(HE40)(SU)	CH54	39.59	37.44
11ax(HE40)(SU)	CH62	39.54	37.42
11ax(HE80)(SU)	CH58	80.43	76.79

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	18.04	16.24
11a	CH116	18.12	16.21
11a	CH140	18.11	16.21
11n(HT20)	CH100	18.99	17.38
11n(HT20)	CH116	19.04	17.37
11n(HT20)	CH140	19.04	17.34
11n(HT40)	CH102	38.60	35.82
11n(HT40)	CH118	38.45	35.82
11n(HT40)	CH134	38.47	35.75
11ac(VHT20)	CH100	18.98	17.35
11ac(VHT20)	CH116	18.94	17.38
11ac(VHT20)	CH140	19.02	17.35
11ac(VHT40)	CH102	38.36	35.88
11ac(VHT40)	CH118	38.49	35.87
11ac(VHT40)	CH134	38.43	35.83
11ac(VHT80)	CH106	78.97	75.24
11ac(VHT80)	CH122	78.99	75.19
11ax(HE20)(SU)	CH100	20.06	18.73
11ax(HE20)(SU)	CH116	19.99	18.70
11ax(HE20)(SU)	CH140	20.08	18.74
11ax(HE40)(SU)	CH102	39.46	37.44
11ax(HE40)(SU)	CH118	39.60	37.43
11ax(HE40)(SU)	CH134	39.54	37.37
11ax(HE80)(SU)	CH106	80.58	76.85
11ax(HE80)(SU)	CH122	80.42	76.85

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	18.09	16.22
11a	CH157	18.09	16.21
11a	CH165	18.09	16.23
11n(HT20)	CH149	18.98	17.34
11n(HT20)	CH157	19.23	17.38
11n(HT20)	CH165	18.98	17.35
11n(HT40)	CH151	38.62	35.77
11n(HT40)	CH159	38.58	35.73
11ac(VHT20)	CH149	19.00	17.34
11ac(VHT20)	CH157	18.95	17.32
11ac(VHT20)	CH165	18.98	17.34
11ac(VHT40)	CH151	38.47	35.81
11ac(VHT40)	CH159	38.46	35.86
11ac(VHT80)	CH155	79.01	74.99
11ax(HE20)(SU)	CH149	20.08	18.72
11ax(HE20)(SU)	CH157	20.03	18.70
11ax(HE20)(SU)	CH165	20.12	18.70
11ax(HE40)(SU)	CH151	39.56	37.33
11ax(HE40)(SU)	CH159	39.59	37.38
11ax(HE80)(SU)	CH155	80.49	76.60

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2571609-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	16.50	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	14.30	500.00	Pass
11n(HT20)	CH165	14.30	500.00	Pass
11n(HT40)	CH151	32.80	500.00	Pass
11n(HT40)	CH159	30.60	500.00	Pass
11ac(VHT20)	CH149	15.90	500.00	Pass
11ac(VHT20)	CH157	12.80	500.00	Pass
11ac(VHT20)	CH165	16.00	500.00	Pass
11ac(VHT40)	CH151	32.30	500.00	Pass
11ac(VHT40)	CH159	32.90	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass
11ax(HE20)(SU)	CH149	13.60	500.00	Pass
11ax(HE20)(SU)	CH157	15.80	500.00	Pass
11ax(HE20)(SU)	CH165	13.60	500.00	Pass
11ax(HE40)(SU)	CH151	34.00	500.00	Pass
11ax(HE40)(SU)	CH159	29.00	500.00	Pass
11ax(HE80)(SU)	CH155	70.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2571609-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-1.07	11.00	Pass
11a	CH44	-0.96	11.00	Pass
11a	CH48	-1.83	11.00	Pass
11n(HT20)	CH36	-2.18	11.00	Pass
11n(HT20)	CH44	-2.25	11.00	Pass
11n(HT20)	CH48	-1.02	11.00	Pass
11n(HT40)	CH38	-6.21	11.00	Pass
11n(HT40)	CH46	-6.43	11.00	Pass
11ac(VHT20)	CH36	-1.96	11.00	Pass
11ac(VHT20)	CH44	-2.78	11.00	Pass
11ac(VHT20)	CH48	-2.11	11.00	Pass
11ac(VHT40)	CH38	-6.63	11.00	Pass
11ac(VHT40)	CH46	-6.80	11.00	Pass
11ac(VHT80)	CH42	-11.45	11.00	Pass
11ax(HE20)(SU)	CH36	-2.42	11.00	Pass
11ax(HE20)(SU)	CH44	-3.19	11.00	Pass
11ax(HE20)(SU)	CH48	-1.86	11.00	Pass
11ax(HE40)(SU)	CH38	-7.31	11.00	Pass
11ax(HE40)(SU)	CH46	-7.26	11.00	Pass
11ax(HE80)(SU)	CH42	-12.69	11.00	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	-1.80	11.00	11.00	Pass
11a	CH60	-1.72	11.00	11.00	Pass
11a	CH64	-1.92	11.00	11.00	Pass
11n(HT20)	CH52	-1.42	11.00	11.00	Pass
11n(HT20)	CH60	-2.11	11.00	11.00	Pass
11n(HT20)	CH64	-2.93	11.00	11.00	Pass
11n(HT40)	CH54	-6.95	11.00	11.00	Pass
11n(HT40)	CH62	-7.78	11.00	11.00	Pass
11ac(VHT20)	CH52	-2.71	11.00	11.00	Pass
11ac(VHT20)	CH60	-2.07	11.00	11.00	Pass
11ac(VHT20)	CH64	-1.96	11.00	11.00	Pass
11ac(VHT40)	CH54	-6.71	11.00	11.00	Pass
11ac(VHT40)	CH62	-8.68	11.00	11.00	Pass
11ac(VHT80)	CH58	-14.83	11.00	11.00	Pass
11ax(HE20)(SU)	CH52	-1.57	11.00	11.00	Pass
11ax(HE20)(SU)	CH60	-2.36	11.00	11.00	Pass
11ax(HE20)(SU)	CH64	-2.52	11.00	11.00	Pass
11ax(HE40)(SU)	CH54	-8.65	11.00	11.00	Pass
11ax(HE40)(SU)	CH62	-9.07	11.00	11.00	Pass
11ax(HE80)(SU)	CH58	-14.38	11.00	11.00	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-6.04	11.00	11.00	Pass
11a	CH116	-4.47	11.00	11.00	Pass
11a	CH140	-1.56	11.00	11.00	Pass
11n(HT20)	CH100	-6.54	11.00	11.00	Pass
11n(HT20)	CH116	-4.59	11.00	11.00	Pass
11n(HT20)	CH140	-1.59	11.00	11.00	Pass
11n(HT40)	CH102	-10.35	11.00	11.00	Pass
11n(HT40)	CH118	-9.10	11.00	11.00	Pass
11n(HT40)	CH134	-7.33	11.00	11.00	Pass
11ac(VHT20)	CH100	-6.43	11.00	11.00	Pass
11ac(VHT20)	CH116	-5.32	11.00	11.00	Pass
11ac(VHT20)	CH140	-1.56	11.00	11.00	Pass
11ac(VHT40)	CH102	-11.27	11.00	11.00	Pass
11ac(VHT40)	CH118	-9.24	11.00	11.00	Pass
11ac(VHT40)	CH134	-7.91	11.00	11.00	Pass
11ac(VHT80)	CH106	-15.12	11.00	11.00	Pass
11ac(VHT80)	CH122	-13.21	11.00	11.00	Pass
11ax(HE20)(SU)	CH100	-7.62	11.00	11.00	Pass
11ax(HE20)(SU)	CH116	-5.86	11.00	11.00	Pass
11ax(HE20)(SU)	CH140	-1.96	11.00	11.00	Pass
11ax(HE40)(SU)	CH102	-11.07	11.00	11.00	Pass
11ax(HE40)(SU)	CH118	-9.95	11.00	11.00	Pass
11ax(HE40)(SU)	CH134	-8.32	11.00	11.00	Pass
11ax(HE80)(SU)	CH106	-15.57	11.00	11.00	Pass
11ax(HE80)(SU)	CH122	-12.93	11.00	11.00	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	-3.84	30.00	30.00	Pass
11a	CH157	-3.74	30.00	30.00	Pass
11a	CH165	-3.82	30.00	30.00	Pass
11n(HT20)	CH149	-2.50	30.00	30.00	Pass
11n(HT20)	CH157	-3.36	30.00	30.00	Pass
11n(HT20)	CH165	-5.37	30.00	30.00	Pass
11n(HT40)	CH151	-9.17	30.00	30.00	Pass
11n(HT40)	CH159	-8.38	30.00	30.00	Pass
11ac(VHT20)	CH149	-4.03	30.00	30.00	Pass
11ac(VHT20)	CH157	-3.21	30.00	30.00	Pass
11ac(VHT20)	CH165	-4.75	30.00	30.00	Pass
11ac(VHT40)	CH151	-8.24	30.00	30.00	Pass
11ac(VHT40)	CH159	-9.04	30.00	30.00	Pass
11ac(VHT80)	CH155	-14.03	30.00	30.00	Pass
11ax(HE20)(SU)	CH149	-4.27	30.00	30.00	Pass
11ax(HE20)(SU)	CH157	-5.68	30.00	30.00	Pass
11ax(HE20)(SU)	CH165	-5.47	30.00	30.00	Pass
11ax(HE40)(SU)	CH151	-10.21	30.00	30.00	Pass
11ax(HE40)(SU)	CH159	-8.20	30.00	30.00	Pass
11ax(HE80)(SU)	CH155	-13.51	30.00	30.00	Pass

E.I.R.PAntenna A

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	2.68	10.00	Pass
11a	CH44	2.79	10.00	Pass
11a	CH48	1.92	10.00	Pass
11n(HT20)	CH36	1.57	10.00	Pass
11n(HT20)	CH44	1.50	10.00	Pass
11n(HT20)	CH48	2.73	10.00	Pass
11n(HT40)	CH38	-2.46	10.00	Pass
11n(HT40)	CH46	-2.68	10.00	Pass
11ac(VHT20)	CH36	1.79	10.00	Pass
11ac(VHT20)	CH44	0.97	10.00	Pass
11ac(VHT20)	CH48	1.64	10.00	Pass
11ac(VHT40)	CH38	-2.88	10.00	Pass
11ac(VHT40)	CH46	-3.05	10.00	Pass
11ac(VHT80)	CH42	-7.70	10.00	Pass
11ax(HE20)(SU)	CH36	1.33	10.00	Pass
11ax(HE20)(SU)	CH44	0.56	10.00	Pass
11ax(HE20)(SU)	CH48	1.90	10.00	Pass
11ax(HE40)(SU)	CH38	-3.56	10.00	Pass
11ax(HE40)(SU)	CH46	-3.51	10.00	Pass
11ax(HE80)(SU)	CH42	-8.94	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	2.71	Pass
11a	CH60	2.78	Pass
11a	CH64	2.59	Pass
11n(HT20)	CH52	3.08	Pass
11n(HT20)	CH60	2.39	Pass
11n(HT20)	CH64	1.57	Pass
11n(HT40)	CH54	-2.45	Pass
11n(HT40)	CH62	-3.28	Pass
11ac(VHT20)	CH52	1.79	Pass
11ac(VHT20)	CH60	2.43	Pass
11ac(VHT20)	CH64	2.54	Pass
11ac(VHT40)	CH54	-2.21	Pass
11ac(VHT40)	CH62	-4.18	Pass
11ac(VHT80)	CH58	-10.33	Pass
11ax(HE20)(SU)	CH52	2.94	Pass
11ax(HE20)(SU)	CH60	2.14	Pass
11ax(HE20)(SU)	CH64	1.98	Pass
11ax(HE40)(SU)	CH54	-4.15	Pass
11ax(HE40)(SU)	CH62	-4.57	Pass
11ax(HE80)(SU)	CH58	-9.88	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-2.26	Pass
11a	CH116	-0.69	Pass
11a	CH140	2.22	Pass
11n(HT20)	CH100	-2.76	Pass
11n(HT20)	CH116	-0.81	Pass
11n(HT20)	CH140	2.19	Pass
11n(HT40)	CH102	-6.57	Pass
11n(HT40)	CH118	-5.32	Pass
11n(HT40)	CH134	-3.55	Pass
11ac(VHT20)	CH100	-2.65	Pass
11ac(VHT20)	CH116	-1.54	Pass
11ac(VHT20)	CH140	2.22	Pass
11ac(VHT40)	CH102	-7.49	Pass
11ac(VHT40)	CH118	-5.46	Pass
11ac(VHT40)	CH134	-4.13	Pass
11ac(VHT80)	CH106	-11.34	Pass
11ac(VHT80)	CH122	-9.43	Pass
11ax(HE20)(SU)	CH100	-3.84	Pass
11ax(HE20)(SU)	CH116	-2.08	Pass
11ax(HE20)(SU)	CH140	1.82	Pass
11ax(HE40)(SU)	CH102	-7.29	Pass
11ax(HE40)(SU)	CH118	-6.17	Pass
11ax(HE40)(SU)	CH134	-4.54	Pass
11ax(HE80)(SU)	CH106	-11.79	Pass
11ax(HE80)(SU)	CH122	-9.15	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	0.45	Pass
11a	CH157	0.55	Pass
11a	CH165	0.47	Pass
11n(HT20)	CH149	1.79	Pass
11n(HT20)	CH157	0.93	Pass
11n(HT20)	CH165	-1.08	Pass
11n(HT40)	CH151	-4.88	Pass
11n(HT40)	CH159	-4.09	Pass
11ac(VHT20)	CH149	0.26	Pass
11ac(VHT20)	CH157	1.08	Pass
11ac(VHT20)	CH165	-0.46	Pass
11ac(VHT40)	CH151	-3.95	Pass
11ac(VHT40)	CH159	-4.75	Pass
11ac(VHT80)	CH155	-9.74	Pass
11ax(HE20)(SU)	CH149	0.02	Pass
11ax(HE20)(SU)	CH157	-1.39	Pass
11ax(HE20)(SU)	CH165	-1.18	Pass
11ax(HE40)(SU)	CH151	-5.92	Pass
11ax(HE40)(SU)	CH159	-3.91	Pass
11ax(HE80)(SU)	CH155	-9.22	Pass

Antenna B

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	1.90	10.00	Pass
11a	CH44	2.01	10.00	Pass
11a	CH48	1.14	10.00	Pass
11n(HT20)	CH36	0.79	10.00	Pass
11n(HT20)	CH44	0.72	10.00	Pass
11n(HT20)	CH48	1.95	10.00	Pass
11n(HT40)	CH38	-3.24	10.00	Pass
11n(HT40)	CH46	-3.46	10.00	Pass
11ac(VHT20)	CH36	1.01	10.00	Pass
11ac(VHT20)	CH44	0.19	10.00	Pass
11ac(VHT20)	CH48	0.86	10.00	Pass
11ac(VHT40)	CH38	-3.66	10.00	Pass
11ac(VHT40)	CH46	-3.83	10.00	Pass
11ac(VHT80)	CH42	-8.48	10.00	Pass
11ax(HE20)(SU)	CH36	0.55	10.00	Pass
11ax(HE20)(SU)	CH44	-0.22	10.00	Pass
11ax(HE20)(SU)	CH48	1.12	10.00	Pass
11ax(HE40)(SU)	CH38	-4.34	10.00	Pass
11ax(HE40)(SU)	CH46	-4.29	10.00	Pass
11ax(HE80)(SU)	CH42	-9.72	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	1.16	Pass
11a	CH60	1.23	Pass
11a	CH64	1.04	Pass
11n(HT20)	CH52	1.53	Pass
11n(HT20)	CH60	0.84	Pass
11n(HT20)	CH64	0.02	Pass
11n(HT40)	CH54	-4.00	Pass
11n(HT40)	CH62	-4.83	Pass
11ac(VHT20)	CH52	0.24	Pass
11ac(VHT20)	CH60	0.88	Pass
11ac(VHT20)	CH64	0.99	Pass
11ac(VHT40)	CH54	-3.76	Pass
11ac(VHT40)	CH62	-5.73	Pass
11ac(VHT80)	CH58	-11.88	Pass
11ax(HE20)(SU)	CH52	1.39	Pass
11ax(HE20)(SU)	CH60	0.59	Pass
11ax(HE20)(SU)	CH64	0.43	Pass
11ax(HE40)(SU)	CH54	-5.70	Pass
11ax(HE40)(SU)	CH62	-6.12	Pass
11ax(HE80)(SU)	CH58	-11.43	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-2.21	Pass
11a	CH116	-0.64	Pass
11a	CH140	2.27	Pass
11n(HT20)	CH100	-2.71	Pass
11n(HT20)	CH116	-0.76	Pass
11n(HT20)	CH140	2.24	Pass
11n(HT40)	CH102	-6.52	Pass
11n(HT40)	CH118	-5.27	Pass
11n(HT40)	CH134	-3.50	Pass
11ac(VHT20)	CH100	-2.60	Pass
11ac(VHT20)	CH116	-1.49	Pass
11ac(VHT20)	CH140	2.27	Pass
11ac(VHT40)	CH102	-7.44	Pass
11ac(VHT40)	CH118	-5.41	Pass
11ac(VHT40)	CH134	-4.08	Pass
11ac(VHT80)	CH106	-11.29	Pass
11ac(VHT80)	CH122	-9.38	Pass
11ax(HE20)(SU)	CH100	-3.79	Pass
11ax(HE20)(SU)	CH116	-2.03	Pass
11ax(HE20)(SU)	CH140	1.87	Pass
11ax(HE40)(SU)	CH102	-7.24	Pass
11ax(HE40)(SU)	CH118	-6.12	Pass
11ax(HE40)(SU)	CH134	-4.49	Pass
11ax(HE80)(SU)	CH106	-11.74	Pass
11ax(HE80)(SU)	CH122	-9.10	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-2.38	Pass
11a	CH157	-2.28	Pass
11a	CH165	-2.36	Pass
11n(HT20)	CH149	-1.04	Pass
11n(HT20)	CH157	-1.90	Pass
11n(HT20)	CH165	-3.91	Pass
11n(HT40)	CH151	-7.71	Pass
11n(HT40)	CH159	-6.92	Pass
11ac(VHT20)	CH149	-2.57	Pass
11ac(VHT20)	CH157	-1.75	Pass
11ac(VHT20)	CH165	-3.29	Pass
11ac(VHT40)	CH151	-6.78	Pass
11ac(VHT40)	CH159	-7.58	Pass
11ac(VHT80)	CH155	-12.57	Pass
11ax(HE20)(SU)	CH149	-2.81	Pass
11ax(HE20)(SU)	CH157	-4.22	Pass
11ax(HE20)(SU)	CH165	-4.01	Pass
11ax(HE40)(SU)	CH151	-8.75	Pass
11ax(HE40)(SU)	CH159	-6.74	Pass
11ax(HE80)(SU)	CH155	-12.05	Pass

A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

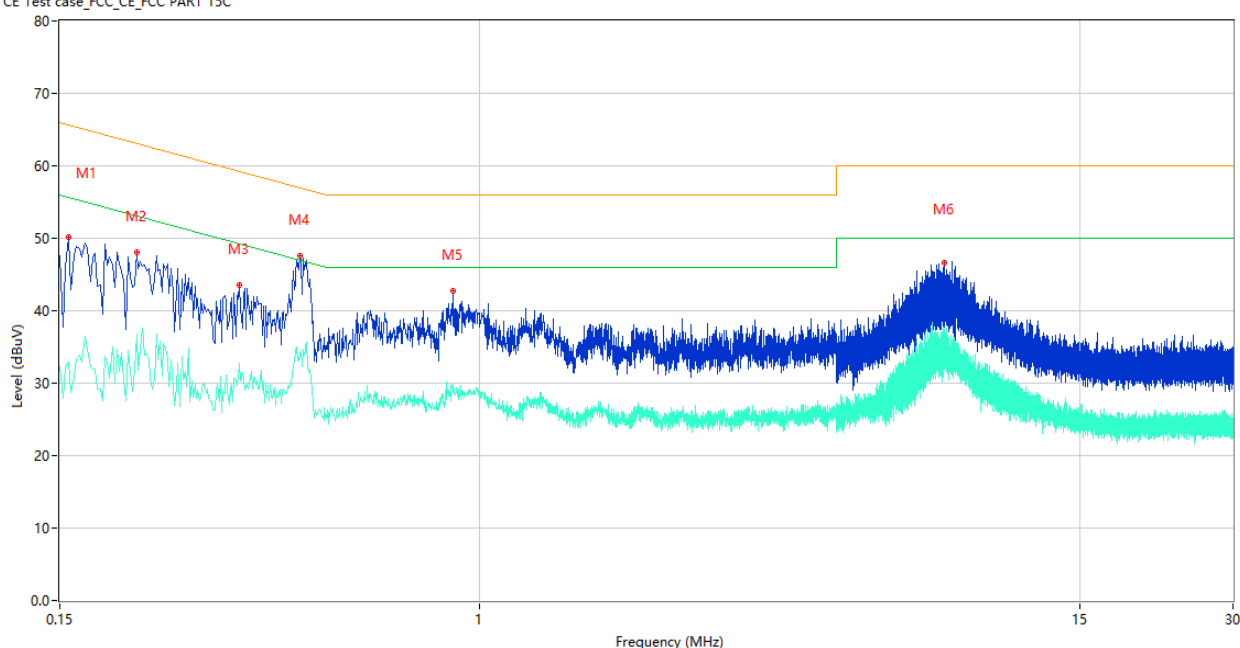
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

Antenna A

PHASE L

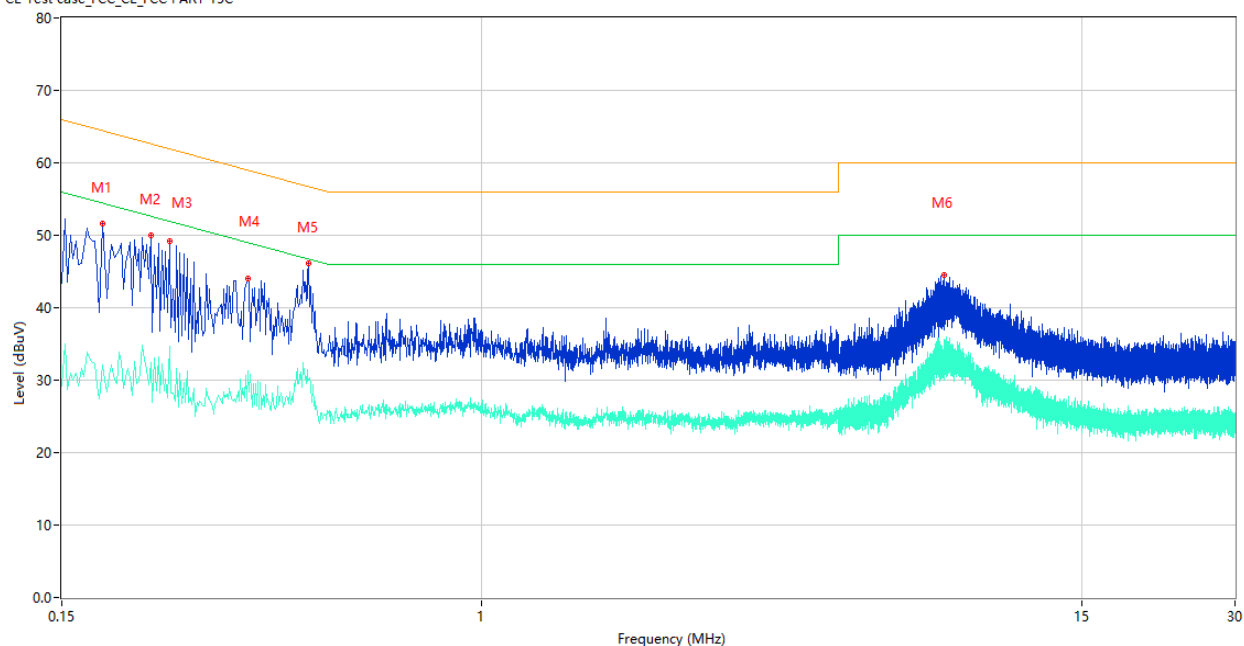
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	50.09	9.86	65.67	15.58	Peak	L	Pass
1**	0.156	32.92	9.86	55.67	22.75	AV	L	Pass
2	0.212	48.07	9.84	63.13	15.06	Peak	L	Pass
2**	0.212	36.71	9.84	53.13	16.42	AV	L	Pass
3	0.338	43.50	10.58	59.25	15.75	Peak	L	Pass
3**	0.338	32.72	10.58	49.25	16.53	AV	L	Pass
4	0.444	47.54	10.15	56.99	9.45	Peak	L	Pass
4**	0.444	33.87	10.15	46.99	13.12	AV	L	Pass
5	0.884	42.77	10.38	56.00	13.23	Peak	L	Pass
5**	0.884	29.00	10.38	46.00	17.00	AV	L	Pass
6	8.130	46.69	10.28	60.00	13.31	Peak	L	Pass
6**	8.130	37.60	10.28	50.00	12.40	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

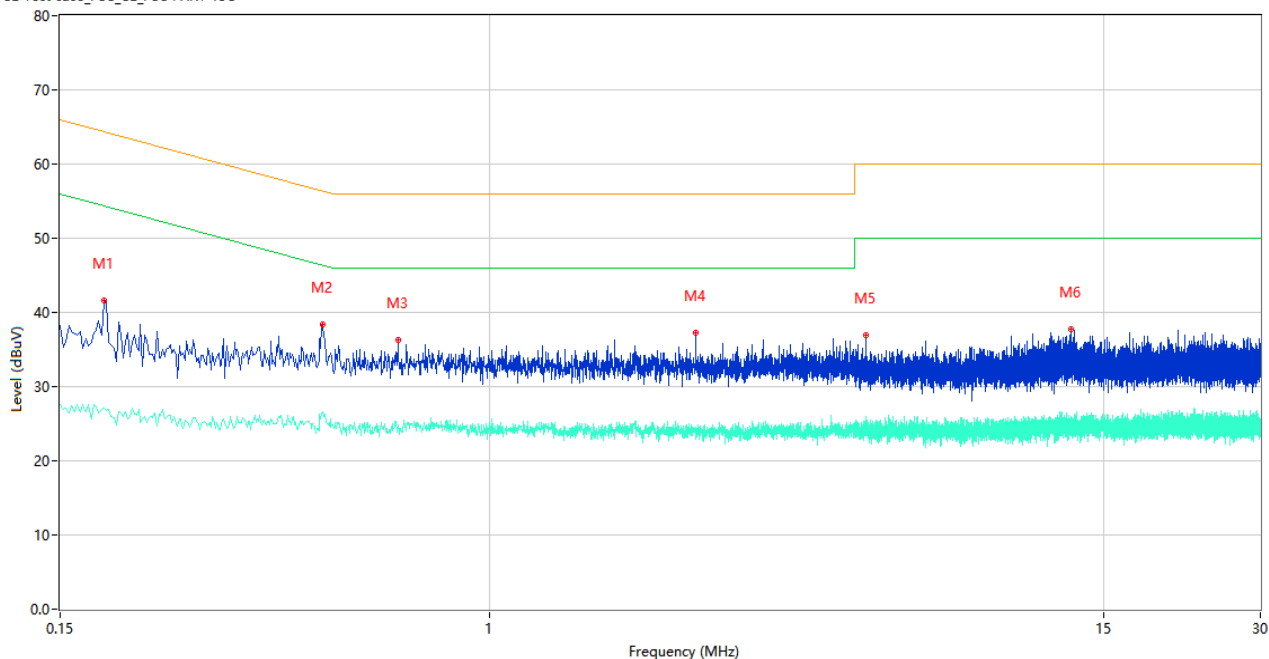


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.180	51.66	9.85	64.49	12.83	Peak	N	Pass
1**	0.180	32.09	9.85	54.49	22.40	AV	N	Pass
2	0.224	49.97	9.84	62.67	12.70	Peak	N	Pass
2**	0.224	32.50	9.84	52.67	20.17	AV	N	Pass
3	0.244	49.25	9.83	61.96	12.71	Peak	N	Pass
3**	0.244	34.69	9.83	51.96	17.27	AV	N	Pass
4	0.348	44.03	10.78	59.01	14.98	Peak	N	Pass
4**	0.348	31.31	10.78	49.01	17.70	AV	N	Pass
5	0.458	46.09	10.08	56.73	10.64	Peak	N	Pass
5**	0.458	30.04	10.08	46.73	16.69	AV	N	Pass
6	8.084	44.50	10.10	60.00	15.50	Peak	N	Pass
6**	8.084	35.62	10.10	50.00	14.38	AV	N	Pass

Antenna B

PHASE L

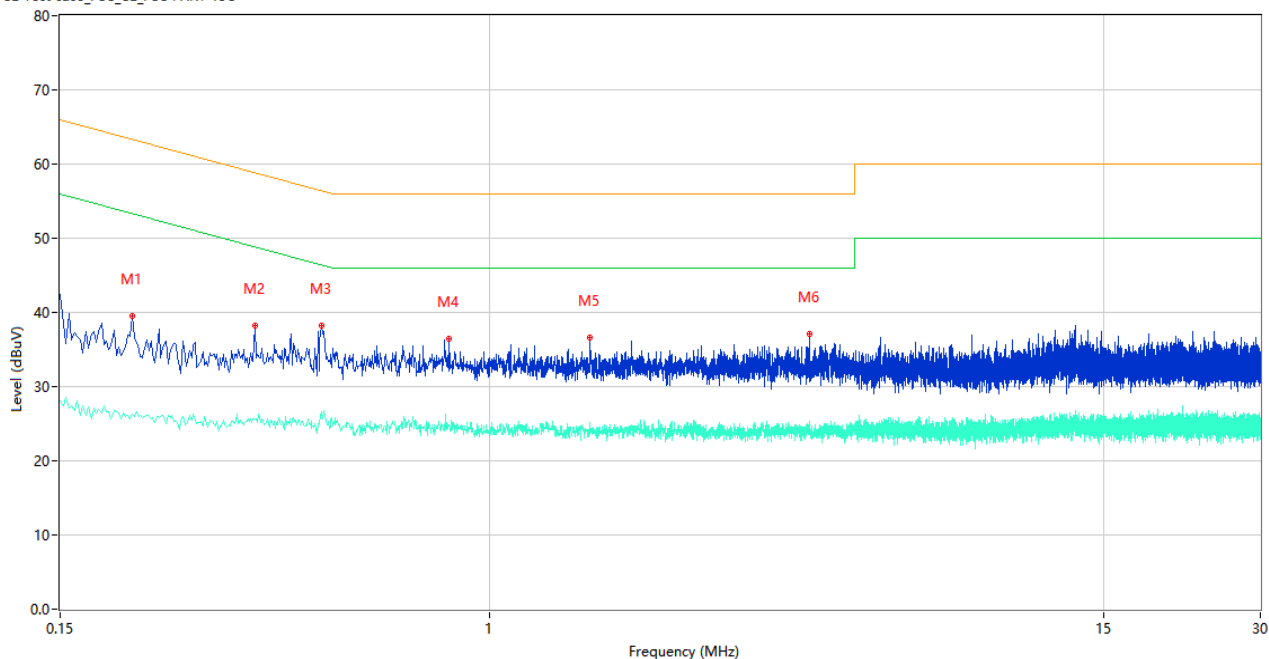
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	41.61	9.84	64.39	22.78	Peak	L	Pass
1**	0.182	27.11	9.84	54.39	27.28	AV	L	Pass
2	0.478	38.32	10.06	56.37	18.05	Peak	L	Pass
2**	0.478	26.64	10.06	46.37	19.73	AV	L	Pass
3	0.666	36.27	10.41	56.00	19.73	Peak	L	Pass
3**	0.666	24.71	10.41	46.00	21.29	AV	L	Pass
4	2.482	37.31	10.22	56.00	18.69	Peak	L	Pass
4**	2.482	22.89	10.22	46.00	23.11	AV	L	Pass
5	5.270	36.94	10.46	60.00	23.06	Peak	L	Pass
5**	5.270	23.53	10.46	50.00	26.47	AV	L	Pass
6	12.996	37.74	10.56	60.00	22.26	Peak	L	Pass
6**	12.996	24.76	10.56	50.00	25.24	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	0.206	39.48	9.84	63.37	23.89	Peak	N	Pass
1**	0.206	26.23	9.84	53.37	27.14	AV	N	Pass
2	0.354	38.25	10.80	58.87	20.62	Peak	N	Pass
2**	0.354	25.62	10.80	48.87	23.25	AV	N	Pass
3	0.476	38.25	10.06	56.41	18.16	Peak	N	Pass
3**	0.476	26.59	10.06	46.41	19.82	AV	N	Pass
4	0.836	36.49	10.66	56.00	19.51	Peak	N	Pass
4**	0.836	24.80	10.66	46.00	21.20	AV	N	Pass
5	1.554	36.60	10.18	56.00	19.40	Peak	N	Pass
5**	1.554	25.23	10.18	46.00	20.77	AV	N	Pass
6	4.092	37.15	10.50	56.00	18.85	Peak	N	Pass
6**	4.092	25.33	10.50	46.00	20.67	AV	N	Pass

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note¹: The symbol of "--" in the table which means not application.

Note²: 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.

Note³: 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.

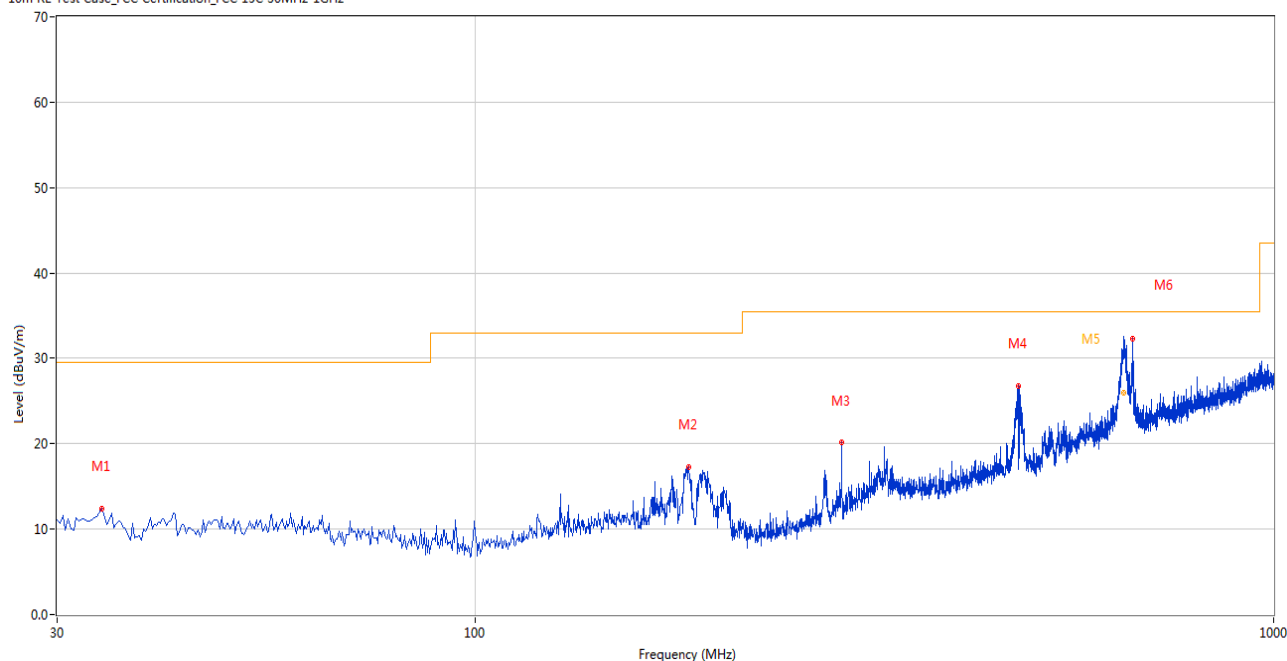
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

Antenna A

30 MHz to 1 GHz, ANT H

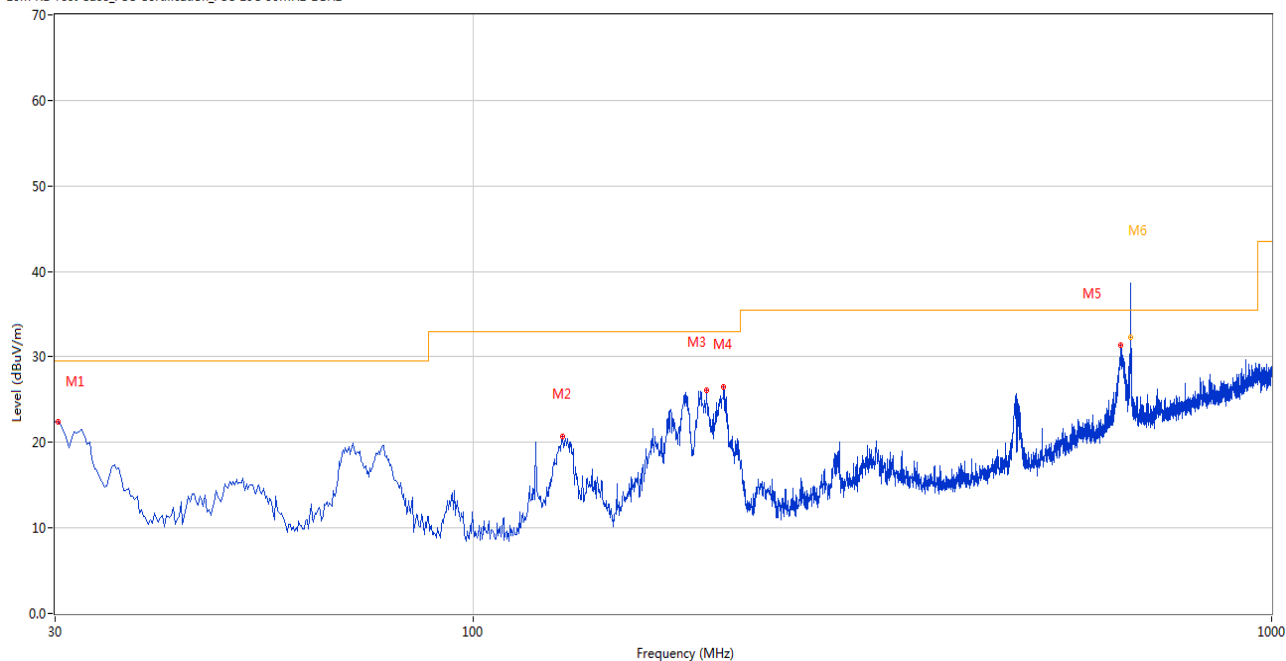
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.121	12.43	-26.95	29.5	17.07	Peak	199.00	100	Horizontal	Pass
2	185.161	17.22	-28.20	33.0	15.78	Peak	74.00	200	Horizontal	Pass
3	287.956	20.11	-25.91	35.5	15.39	Peak	269.00	200	Horizontal	Pass
4	478.998	26.75	-20.63	35.5	8.75	Peak	275.00	200	Horizontal	Pass
5	648.932	31.64	-15.83	35.5	3.86	Peak	177.00	124	Horizontal	N/A
5*	648.932	25.99	-15.83	35.5	9.51	QP	177.00	124	Horizontal	Pass
6	666.403	32.36	-15.60	35.5	3.14	Peak	31.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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

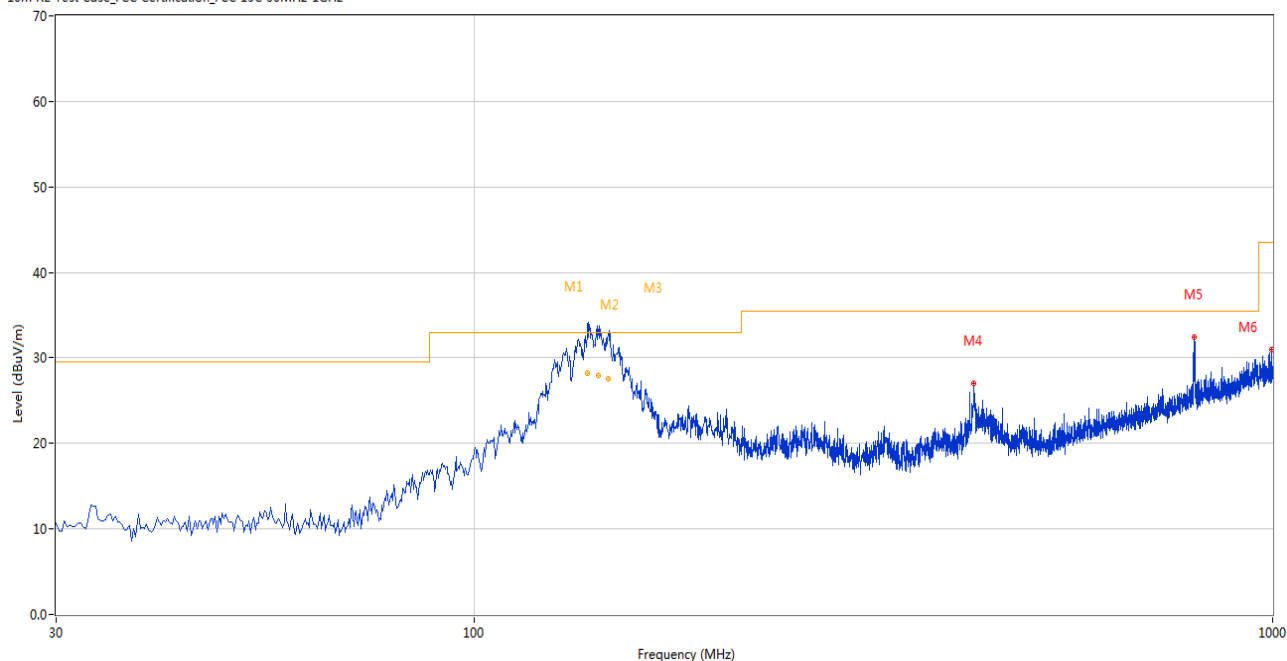


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.242	22.42	-26.84	29.5	7.08	Peak	210.00	100	Vertical	Pass
2	129.643	20.76	-27.56	33.0	12.24	Peak	264.00	200	Vertical	Pass
3	196.313	26.05	-28.76	33.0	6.95	Peak	85.00	100	Vertical	Pass
4	206.011	26.56	-29.36	33.0	6.44	Peak	80.00	100	Vertical	Pass
5	647.493	31.32	-15.79	35.5	4.18	Peak	140.00	200	Vertical	Pass
6	666.403	38.66	-15.60	35.5	-3.16	Peak	129.00	200	Vertical	N/A
6*	666.403	32.36	-15.60	35.5	3.14	QP	129.00	200	Vertical	Pass

Antenna B

30 MHz to 1 GHz, ANT H

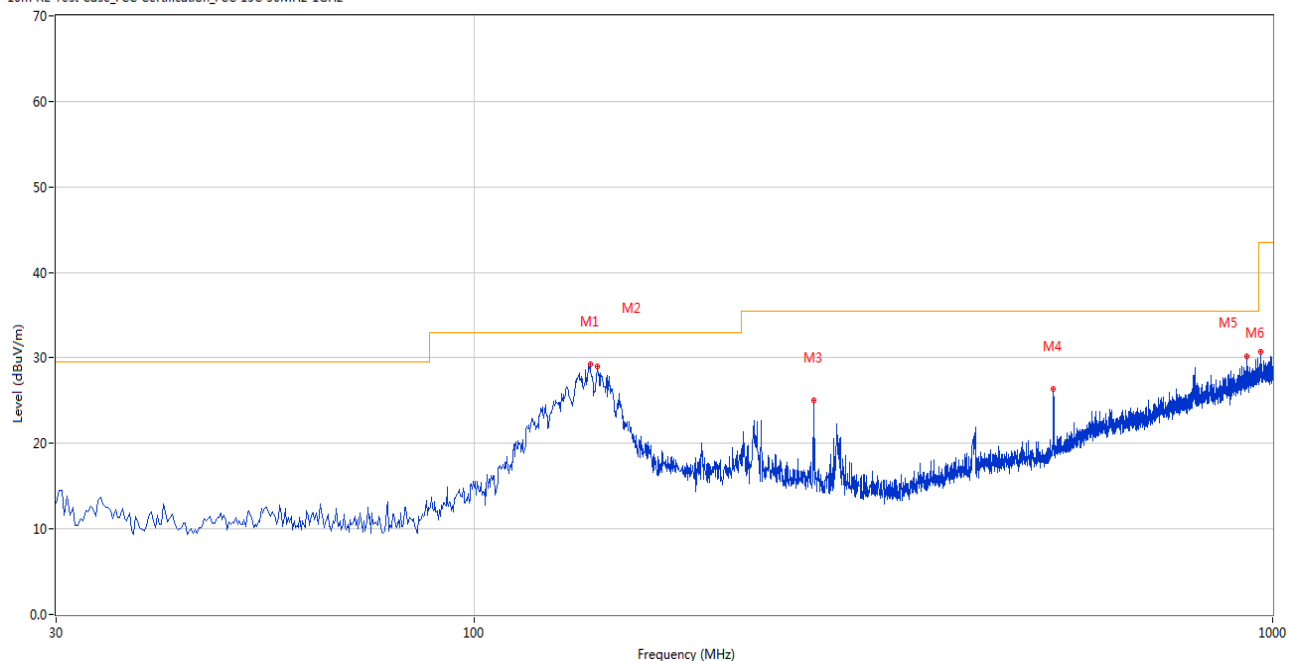
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	138.897	31.61	-26.86	33.0	1.39	Peak	177.00	198	Horizontal	N/A
1*	138.897	28.23	-26.86	33.0	4.77	QP	177.00	198	Horizontal	Pass
2	143.301	30.97	-26.56	33.0	2.03	Peak	144.00	197	Horizontal	N/A
2*	143.301	27.95	-26.56	33.0	5.05	QP	144.00	197	Horizontal	Pass
3	147.378	30.58	-26.27	33.0	2.42	Peak	188.00	191	Horizontal	N/A
3*	147.378	27.60	-26.27	33.0	5.40	QP	188.00	191	Horizontal	Pass
4	422.267	27.07	-21.98	35.5	8.43	Peak	264.00	200	Horizontal	Pass
5	796.836	32.44	-12.50	35.5	3.06	Peak	248.00	100	Horizontal	Pass
6	997.091	30.93	-9.22	43.5	12.57	Peak	74.00	100	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	139.825	29.33	-26.78	33.0	3.67	Peak	46.00	100	Vertical	Pass
2	142.977	28.99	-26.56	33.0	4.01	Peak	107.00	100	Vertical	Pass
3	266.621	24.99	-26.79	35.5	10.51	Peak	360.00	200	Vertical	Pass
4	531.365	26.32	-19.29	35.5	9.18	Peak	156.00	200	Vertical	Pass
5	927.268	30.23	-10.27	35.5	5.27	Peak	232.00	200	Vertical	Pass
6	965.089	30.78	-9.17	43.5	12.72	Peak	0.00	200	Vertical	Pass

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

Antenna A

11a, U-NII-1, 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	1513.102	37.79	74.0	36.21	Peak	41.00	100	Horizontal	Pass
1**	1513.102	28.99	54.0	25.01	AV	41.00	100	Horizontal	Pass
2	2346.122	47.51	74.0	26.49	Peak	185.00	400	Horizontal	Pass
2**	2346.122	34.82	54.0	19.18	AV	185.00	400	Horizontal	Pass
3	4205.940	49.18	74.0	24.82	Peak	205.00	200	Horizontal	Pass
3**	4205.940	35.91	54.0	18.09	AV	205.00	200	Horizontal	Pass
4	7432.190	54.33	74.0	19.67	Peak	308.00	200	Horizontal	Pass
4**	7432.190	40.98	54.0	13.02	AV	308.00	200	Horizontal	Pass
5	12520.057	58.38	74.0	15.62	Peak	268.00	300	Horizontal	Pass
5**	12520.057	47.04	54.0	6.96	AV	268.00	300	Horizontal	Pass
6	16144.432	56.69	74.0	17.31	Peak	266.00	400	Horizontal	Pass
6**	16144.432	45.11	54.0	8.89	AV	266.00	400	Horizontal	Pass

11a, U-NII-1, 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	1572.829	36.67	74.0	37.33	Peak	26.00	100	Vertical	Pass
1**	1572.829	26.84	54.0	27.16	AV	26.00	100	Vertical	Pass
2	2344.185	47.12	74.0	26.88	Peak	340.00	100	Vertical	Pass
2**	2344.185	35.46	54.0	18.54	AV	340.00	100	Vertical	Pass
3	3919.062	45.08	74.0	28.92	Peak	237.00	200	Vertical	Pass
3**	3919.062	34.70	54.0	19.30	AV	237.00	200	Vertical	Pass
4	7677.540	53.82	74.0	20.18	Peak	70.00	300	Vertical	Pass
4**	7677.540	44.86	54.0	9.14	AV	70.00	300	Vertical	Pass
5	12532.160	57.93	74.0	16.07	Peak	6.00	200	Vertical	Pass
5**	12532.160	43.87	54.0	10.13	AV	6.00	200	Vertical	Pass
6	15379.073	55.21	74.0	18.79	Peak	95.00	200	Vertical	Pass
6**	15379.073	42.38	54.0	11.62	AV	95.00	200	Vertical	Pass

11a, U-NII-1, 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	1511.765	37.97	74.0	36.03	Peak	342.00	300	Horizontal	Pass
1**	1511.765	32.49	54.0	21.51	AV	342.00	300	Horizontal	Pass
2	2346.340	47.00	74.0	27.00	Peak	293.00	100	Horizontal	Pass
2**	2346.340	34.82	54.0	19.18	AV	293.00	100	Horizontal	Pass
3	4208.068	46.39	74.0	27.61	Peak	10.00	200	Horizontal	Pass
3**	4208.068	39.57	54.0	14.43	AV	10.00	200	Horizontal	Pass
4	7430.776	56.28	74.0	17.72	Peak	318.00	100	Horizontal	Pass
4**	7430.776	44.82	54.0	9.18	AV	318.00	100	Horizontal	Pass
5	12518.271	54.89	74.0	19.11	Peak	288.00	300	Horizontal	Pass
5**	12518.271	45.43	54.0	8.57	AV	288.00	300	Horizontal	Pass
6	16147.555	55.06	74.0	18.94	Peak	152.00	100	Horizontal	Pass
6**	16147.555	44.33	54.0	9.67	AV	152.00	100	Horizontal	Pass

11a, U-NII-1, 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	1568.806	38.43	74.0	35.57	Peak	166.00	200	Vertical	Pass
1**	1568.806	29.08	54.0	24.92	AV	166.00	200	Vertical	Pass
2	2348.665	43.01	74.0	30.99	Peak	48.00	200	Vertical	Pass
2**	2348.665	34.33	54.0	19.67	AV	48.00	200	Vertical	Pass
3	3919.032	45.33	74.0	28.67	Peak	354.00	200	Vertical	Pass
3**	3919.032	37.60	54.0	16.40	AV	354.00	200	Vertical	Pass
4	7684.282	54.79	74.0	19.21	Peak	67.00	400	Vertical	Pass
4**	7684.282	41.71	54.0	12.29	AV	67.00	400	Vertical	Pass
5	12527.244	53.73	74.0	20.27	Peak	55.00	300	Vertical	Pass
5**	12527.244	45.27	54.0	8.73	AV	55.00	300	Vertical	Pass
6	15383.296	53.11	74.0	20.89	Peak	78.00	400	Vertical	Pass
6**	15383.296	47.04	54.0	6.96	AV	78.00	400	Vertical	Pass

11a, U-NII-1, 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	1512.751	40.64	74.0	33.36	Peak	314.00	200	Horizontal	Pass
1**	1512.751	31.01	54.0	22.99	AV	314.00	200	Horizontal	Pass
2	2347.383	46.32	74.0	27.68	Peak	288.00	300	Horizontal	Pass
2**	2347.383	34.89	54.0	19.11	AV	288.00	300	Horizontal	Pass
3	4202.921	48.03	74.0	25.97	Peak	197.00	200	Horizontal	Pass
3**	4202.921	34.94	54.0	19.06	AV	197.00	200	Horizontal	Pass
4	7433.471	53.67	74.0	20.33	Peak	340.00	400	Horizontal	Pass
4**	7433.471	43.34	54.0	10.66	AV	340.00	400	Horizontal	Pass
5	12517.583	57.49	74.0	16.51	Peak	155.00	400	Horizontal	Pass
5**	12517.583	46.18	54.0	7.82	AV	155.00	400	Horizontal	Pass
6	16143.561	53.13	74.0	20.87	Peak	151.00	100	Horizontal	Pass
6**	16143.561	45.59	54.0	8.41	AV	151.00	100	Horizontal	Pass

11a, U-NII-1, 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	1573.243	38.87	74.0	35.13	Peak	304.00	400	Vertical	Pass
1**	1573.243	25.81	54.0	28.19	AV	304.00	400	Vertical	Pass
2	2348.675	42.92	74.0	31.08	Peak	296.00	200	Vertical	Pass
2**	2348.675	36.21	54.0	17.79	AV	296.00	200	Vertical	Pass
3	3917.183	47.46	74.0	26.54	Peak	331.00	200	Vertical	Pass
3**	3917.183	38.54	54.0	15.46	AV	331.00	200	Vertical	Pass
4	7678.919	51.23	74.0	22.77	Peak	307.00	400	Vertical	Pass
4**	7678.919	41.77	54.0	12.23	AV	307.00	400	Vertical	Pass
5	12532.737	53.72	74.0	20.28	Peak	295.00	100	Vertical	Pass
5**	12532.737	41.66	54.0	12.34	AV	295.00	100	Vertical	Pass
6	15385.891	55.89	74.0	18.11	Peak	24.00	200	Vertical	Pass
6**	15385.891	42.19	54.0	11.81	AV	24.00	200	Vertical	Pass

11n20, U-NII-1, 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	1513.561	38.14	74.0	35.86	Peak	3.00	100	Horizontal	Pass
1**	1513.561	31.34	54.0	22.66	AV	3.00	100	Horizontal	Pass
2	2347.044	44.99	74.0	29.01	Peak	319.00	300	Horizontal	Pass
2**	2347.044	37.76	54.0	16.24	AV	319.00	300	Horizontal	Pass
3	4206.927	46.42	74.0	27.58	Peak	6.00	200	Horizontal	Pass
3**	4206.927	35.55	54.0	18.45	AV	6.00	200	Horizontal	Pass
4	7436.673	54.00	74.0	20.00	Peak	88.00	300	Horizontal	Pass
4**	7436.673	44.16	54.0	9.84	AV	88.00	300	Horizontal	Pass
5	12519.813	55.81	74.0	18.19	Peak	340.00	100	Horizontal	Pass
5**	12519.813	46.82	54.0	7.18	AV	340.00	100	Horizontal	Pass
6	16143.933	54.16	74.0	19.84	Peak	87.00	200	Horizontal	Pass
6**	16143.933	44.50	54.0	9.50	AV	87.00	200	Horizontal	Pass

11n20, U-NII-1, 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	1572.363	38.69	74.0	35.31	Peak	252.00	400	Vertical	Pass
1**	1572.363	23.81	54.0	30.19	AV	252.00	400	Vertical	Pass
2	2349.074	47.47	74.0	26.53	Peak	149.00	300	Vertical	Pass
2**	2349.074	35.56	54.0	18.44	AV	149.00	300	Vertical	Pass
3	3916.889	45.11	74.0	28.89	Peak	231.00	200	Vertical	Pass
3**	3916.889	35.60	54.0	18.40	AV	231.00	200	Vertical	Pass
4	7676.929	52.20	74.0	21.80	Peak	188.00	100	Vertical	Pass
4**	7676.929	43.95	54.0	10.05	AV	188.00	100	Vertical	Pass
5	12531.919	53.56	74.0	20.44	Peak	17.00	400	Vertical	Pass
5**	12531.919	40.71	54.0	13.29	AV	17.00	400	Vertical	Pass
6	15382.379	55.76	74.0	18.24	Peak	147.00	100	Vertical	Pass
6**	15382.379	47.29	54.0	6.71	AV	147.00	100	Vertical	Pass

11n20, U-NII-1, 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	1511.096	41.95	74.0	32.05	Peak	45.00	200	Horizontal	Pass
1**	1511.096	29.53	54.0	24.47	AV	45.00	200	Horizontal	Pass
2	2348.452	42.70	74.0	31.30	Peak	164.00	300	Horizontal	Pass
2**	2348.452	40.13	54.0	13.87	AV	164.00	300	Horizontal	Pass
3	4208.530	48.19	74.0	25.81	Peak	339.00	200	Horizontal	Pass
3**	4208.530	35.95	54.0	18.05	AV	339.00	200	Horizontal	Pass
4	7431.289	57.00	74.0	17.00	Peak	241.00	100	Horizontal	Pass
4**	7431.289	44.63	54.0	9.37	AV	241.00	100	Horizontal	Pass
5	12517.340	58.08	74.0	15.92	Peak	157.00	400	Horizontal	Pass
5**	12517.340	45.42	54.0	8.58	AV	157.00	400	Horizontal	Pass
6	16149.612	55.30	74.0	18.70	Peak	15.00	100	Horizontal	Pass
6**	16149.612	45.84	54.0	8.16	AV	15.00	100	Horizontal	Pass

11n20, U-NII-1, 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	1571.512	36.81	74.0	37.19	Peak	52.00	200	Vertical	Pass
1**	1571.512	29.69	54.0	24.31	AV	52.00	200	Vertical	Pass
2	2346.016	45.47	74.0	28.53	Peak	184.00	400	Vertical	Pass
2**	2346.016	34.29	54.0	19.71	AV	184.00	400	Vertical	Pass
3	3919.662	47.05	74.0	26.95	Peak	253.00	200	Vertical	Pass
3**	3919.662	34.58	54.0	19.42	AV	253.00	200	Vertical	Pass
4	7681.389	51.60	74.0	22.40	Peak	21.00	300	Vertical	Pass
4**	7681.389	42.31	54.0	11.69	AV	21.00	300	Vertical	Pass
5	12533.729	58.61	74.0	15.39	Peak	10.00	200	Vertical	Pass
5**	12533.729	42.53	54.0	11.47	AV	10.00	200	Vertical	Pass
6	15383.052	55.51	74.0	18.49	Peak	33.00	300	Vertical	Pass
6**	15383.052	47.04	54.0	6.96	AV	33.00	300	Vertical	Pass

11n20, U-NII-1, 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	1510.401	38.49	74.0	35.51	Peak	160.00	300	Horizontal	Pass
1**	1510.401	31.73	54.0	22.27	AV	160.00	300	Horizontal	Pass
2	2347.150	47.10	74.0	26.90	Peak	13.00	100	Horizontal	Pass
2**	2347.150	37.25	54.0	16.75	AV	13.00	100	Horizontal	Pass
3	4209.394	50.45	74.0	23.55	Peak	159.00	200	Horizontal	Pass
3**	4209.394	35.72	54.0	18.28	AV	159.00	200	Horizontal	Pass
4	7431.526	52.90	74.0	21.10	Peak	36.00	200	Horizontal	Pass
4**	7431.526	45.06	54.0	8.94	AV	36.00	200	Horizontal	Pass
5	12518.165	54.51	74.0	19.49	Peak	241.00	400	Horizontal	Pass
5**	12518.165	46.87	54.0	7.13	AV	241.00	400	Horizontal	Pass
6	16150.831	56.11	74.0	17.89	Peak	66.00	400	Horizontal	Pass
6**	16150.831	44.69	54.0	9.31	AV	66.00	400	Horizontal	Pass

11n20, U-NII-1, 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	1566.829	36.13	74.0	37.87	Peak	175.00	300	Vertical	Pass
1**	1566.829	23.82	54.0	30.18	AV	175.00	300	Vertical	Pass
2	2350.313	46.49	74.0	27.51	Peak	16.00	100	Vertical	Pass
2**	2350.313	34.00	54.0	20.00	AV	16.00	100	Vertical	Pass
3	3913.288	43.18	74.0	30.82	Peak	209.00	200	Vertical	Pass
3**	3913.288	37.99	54.0	16.01	AV	209.00	200	Vertical	Pass
4	7681.066	52.51	74.0	21.49	Peak	136.00	400	Vertical	Pass
4**	7681.066	41.98	54.0	12.02	AV	136.00	400	Vertical	Pass
5	12533.361	53.13	74.0	20.87	Peak	99.00	300	Vertical	Pass
5**	12533.361	40.47	54.0	13.53	AV	99.00	300	Vertical	Pass
6	15383.121	54.09	74.0	19.91	Peak	358.00	200	Vertical	Pass
6**	15383.121	43.28	54.0	10.72	AV	358.00	200	Vertical	Pass

11n40, U-NII-1, 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	1514.807	41.76	74.0	32.24	Peak	272.00	100	Horizontal	Pass
1**	1514.807	29.59	54.0	24.41	AV	272.00	100	Horizontal	Pass
2	2346.542	46.87	74.0	27.13	Peak	182.00	100	Horizontal	Pass
2**	2346.542	35.53	54.0	18.47	AV	182.00	100	Horizontal	Pass
3	4205.184	46.85	74.0	27.15	Peak	355.00	200	Horizontal	Pass
3**	4205.184	38.13	54.0	15.87	AV	355.00	200	Horizontal	Pass
4	7432.676	55.63	74.0	18.37	Peak	159.00	200	Horizontal	Pass
4**	7432.676	41.17	54.0	12.83	AV	159.00	200	Horizontal	Pass
5	12514.190	57.08	74.0	16.92	Peak	276.00	100	Horizontal	Pass
5**	12514.190	49.10	54.0	4.90	AV	276.00	100	Horizontal	Pass
6	16145.061	51.89	74.0	22.11	Peak	285.00	100	Horizontal	Pass
6**	16145.061	44.51	54.0	9.49	AV	285.00	100	Horizontal	Pass

11n40, U-NII-1, 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	1569.726	35.25	74.0	38.75	Peak	63.00	100	Vertical	Pass
1**	1569.726	28.00	54.0	26.00	AV	63.00	100	Vertical	Pass
2	2344.605	43.16	74.0	30.84	Peak	256.00	400	Vertical	Pass
2**	2344.605	33.81	54.0	20.19	AV	256.00	400	Vertical	Pass
3	3914.943	42.39	74.0	31.61	Peak	349.00	200	Vertical	Pass
3**	3914.943	34.03	54.0	19.97	AV	349.00	200	Vertical	Pass
4	7681.120	52.24	74.0	21.76	Peak	267.00	400	Vertical	Pass
4**	7681.120	43.74	54.0	10.26	AV	267.00	400	Vertical	Pass
5	12530.852	53.83	74.0	20.17	Peak	233.00	200	Vertical	Pass
5**	12530.852	42.43	54.0	11.57	AV	233.00	200	Vertical	Pass
6	15380.876	55.55	74.0	18.45	Peak	254.00	300	Vertical	Pass
6**	15380.876	46.16	54.0	7.84	AV	254.00	300	Vertical	Pass

11n40, U-NII-1, 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	1513.285	39.93	74.0	34.07	Peak	81.00	100	Horizontal	Pass
1**	1513.285	30.19	54.0	23.81	AV	81.00	100	Horizontal	Pass
2	2348.545	47.60	74.0	26.40	Peak	237.00	200	Horizontal	Pass
2**	2348.545	38.40	54.0	15.60	AV	237.00	200	Horizontal	Pass
3	4205.458	47.14	74.0	26.86	Peak	302.00	200	Horizontal	Pass
3**	4205.458	36.46	54.0	17.54	AV	302.00	200	Horizontal	Pass
4	7436.313	52.50	74.0	21.50	Peak	92.00	100	Horizontal	Pass
4**	7436.313	43.45	54.0	10.55	AV	92.00	100	Horizontal	Pass
5	12521.242	57.21	74.0	16.79	Peak	257.00	400	Horizontal	Pass
5**	12521.242	45.84	54.0	8.16	AV	257.00	400	Horizontal	Pass
6	16151.197	56.51	74.0	17.49	Peak	153.00	100	Horizontal	Pass
6**	16151.197	44.83	54.0	9.17	AV	153.00	100	Horizontal	Pass

11n40, U-NII-1, 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	1572.412	36.88	74.0	37.12	Peak	251.00	100	Vertical	Pass
1**	1572.412	28.46	54.0	25.54	AV	251.00	100	Vertical	Pass
2	2346.615	44.23	74.0	29.77	Peak	315.00	300	Vertical	Pass
2**	2346.615	34.30	54.0	19.70	AV	315.00	300	Vertical	Pass
3	3919.662	42.94	74.0	31.06	Peak	39.00	200	Vertical	Pass
3**	3919.662	39.04	54.0	14.96	AV	39.00	200	Vertical	Pass
4	7678.777	49.59	74.0	24.41	Peak	221.00	100	Vertical	Pass
4**	7678.777	42.18	54.0	11.82	AV	221.00	100	Vertical	Pass
5	12533.194	56.50	74.0	17.50	Peak	99.00	400	Vertical	Pass
5**	12533.194	40.53	54.0	13.47	AV	99.00	400	Vertical	Pass
6	15382.541	51.57	74.0	22.43	Peak	319.00	400	Vertical	Pass
6**	15382.541	44.34	54.0	9.66	AV	319.00	400	Vertical	Pass

11ac20, U-NII-1, 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	1515.092	41.76	74.0	32.24	Peak	178.00	400	Horizontal	Pass
1**	1515.092	27.29	54.0	26.71	AV	178.00	400	Horizontal	Pass
2	2346.313	42.07	74.0	31.93	Peak	11.00	100	Horizontal	Pass
2**	2346.313	37.85	54.0	16.15	AV	11.00	100	Horizontal	Pass
3	4206.598	48.74	74.0	25.26	Peak	254.00	200	Horizontal	Pass
3**	4206.598	39.16	54.0	14.84	AV	254.00	200	Horizontal	Pass
4	7434.112	52.87	74.0	21.13	Peak	43.00	200	Horizontal	Pass
4**	7434.112	40.65	54.0	13.35	AV	43.00	200	Horizontal	Pass
5	12521.736	54.65	74.0	19.35	Peak	206.00	300	Horizontal	Pass
5**	12521.736	44.95	54.0	9.05	AV	206.00	300	Horizontal	Pass
6	16147.017	51.94	74.0	22.06	Peak	321.00	100	Horizontal	Pass
6**	16147.017	43.92	54.0	10.08	AV	321.00	100	Horizontal	Pass

11ac20, U-NII-1, 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	1570.956	38.14	74.0	35.86	Peak	265.00	300	Vertical	Pass
1**	1570.956	29.51	54.0	24.49	AV	265.00	300	Vertical	Pass
2	2344.155	42.01	74.0	31.99	Peak	112.00	100	Vertical	Pass
2**	2344.155	33.71	54.0	20.29	AV	112.00	100	Vertical	Pass
3	3913.987	42.03	74.0	31.97	Peak	102.00	200	Vertical	Pass
3**	3913.987	34.44	54.0	19.56	AV	102.00	200	Vertical	Pass
4	7682.977	51.91	74.0	22.09	Peak	335.00	400	Vertical	Pass
4**	7682.977	43.37	54.0	10.63	AV	335.00	400	Vertical	Pass
5	12526.294	53.67	74.0	20.33	Peak	318.00	300	Vertical	Pass
5**	12526.294	41.58	54.0	12.42	AV	318.00	300	Vertical	Pass
6	15381.360	54.52	74.0	19.48	Peak	103.00	300	Vertical	Pass
6**	15381.360	44.59	54.0	9.41	AV	103.00	300	Vertical	Pass

11ac20, U-NII-1, 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	1509.702	41.48	74.0	32.52	Peak	63.00	300	Horizontal	Pass
1**	1509.702	30.45	54.0	23.55	AV	63.00	300	Horizontal	Pass
2	2346.452	42.55	74.0	31.45	Peak	359.00	200	Horizontal	Pass
2**	2346.452	38.95	54.0	15.05	AV	359.00	200	Horizontal	Pass
3	4204.405	49.53	74.0	24.47	Peak	103.00	200	Horizontal	Pass
3**	4204.405	39.74	54.0	14.26	AV	103.00	200	Horizontal	Pass
4	7436.777	52.03	74.0	21.97	Peak	117.00	300	Horizontal	Pass
4**	7436.777	41.28	54.0	12.72	AV	117.00	300	Horizontal	Pass
5	12521.019	58.29	74.0	15.71	Peak	307.00	200	Horizontal	Pass
5**	12521.019	47.54	54.0	6.46	AV	307.00	200	Horizontal	Pass
6	16149.583	52.13	74.0	21.87	Peak	271.00	400	Horizontal	Pass
6**	16149.583	46.01	54.0	7.99	AV	271.00	400	Horizontal	Pass

11ac20, U-NII-1, 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	1572.918	37.34	74.0	36.66	Peak	131.00	300	Vertical	Pass
1**	1572.918	29.74	54.0	24.26	AV	131.00	300	Vertical	Pass
2	2345.917	42.63	74.0	31.37	Peak	153.00	300	Vertical	Pass
2**	2345.917	35.17	54.0	18.83	AV	153.00	300	Vertical	Pass
3	3914.756	43.60	74.0	30.40	Peak	241.00	200	Vertical	Pass
3**	3914.756	38.87	54.0	15.13	AV	241.00	200	Vertical	Pass
4	7678.762	54.17	74.0	19.83	Peak	329.00	200	Vertical	Pass
4**	7678.762	43.54	54.0	10.46	AV	329.00	200	Vertical	Pass
5	12531.829	56.21	74.0	17.79	Peak	78.00	100	Vertical	Pass
5**	12531.829	43.94	54.0	10.06	AV	78.00	100	Vertical	Pass
6	15379.411	54.57	74.0	19.43	Peak	123.00	100	Vertical	Pass
6**	15379.411	45.63	54.0	8.37	AV	123.00	100	Vertical	Pass

11ac20, U-NII-1, 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	1507.889	39.29	74.0	34.71	Peak	230.00	400	Horizontal	Pass
1**	1507.889	29.47	54.0	24.53	AV	230.00	400	Horizontal	Pass
2	2349.156	46.34	74.0	27.66	Peak	292.00	100	Horizontal	Pass
2**	2349.156	37.91	54.0	16.09	AV	292.00	100	Horizontal	Pass
3	4205.790	48.16	74.0	25.84	Peak	191.00	200	Horizontal	Pass
3**	4205.790	38.66	54.0	15.34	AV	191.00	200	Horizontal	Pass
4	7432.650	55.80	74.0	18.20	Peak	105.00	200	Horizontal	Pass
4**	7432.650	44.87	54.0	9.13	AV	105.00	200	Horizontal	Pass
5	12514.693	53.24	74.0	20.76	Peak	149.00	400	Horizontal	Pass
5**	12514.693	49.66	54.0	4.34	AV	149.00	400	Horizontal	Pass
6	16150.622	56.99	74.0	17.01	Peak	303.00	400	Horizontal	Pass
6**	16150.622	45.05	54.0	8.95	AV	303.00	400	Horizontal	Pass

11ac20, U-NII-1, 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	1569.666	37.72	74.0	36.28	Peak	348.00	400	Vertical	Pass
1**	1569.666	25.50	54.0	28.50	AV	348.00	400	Vertical	Pass
2	2350.787	47.58	74.0	26.42	Peak	282.00	400	Vertical	Pass
2**	2350.787	36.08	54.0	17.92	AV	282.00	400	Vertical	Pass
3	3920.731	43.82	74.0	30.18	Peak	165.00	200	Vertical	Pass
3**	3920.731	36.07	54.0	17.93	AV	165.00	200	Vertical	Pass
4	7679.173	50.08	74.0	23.92	Peak	19.00	400	Vertical	Pass
4**	7679.173	44.30	54.0	9.70	AV	19.00	400	Vertical	Pass
5	12531.872	54.01	74.0	19.99	Peak	71.00	200	Vertical	Pass
5**	12531.872	42.90	54.0	11.10	AV	71.00	200	Vertical	Pass
6	15382.142	51.54	74.0	22.46	Peak	71.00	300	Vertical	Pass
6**	15382.142	42.53	54.0	11.47	AV	71.00	300	Vertical	Pass

11ac40, U-NII-1, 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	1513.039	40.42	74.0	33.58	Peak	268.00	200	Horizontal	Pass
1**	1513.039	32.06	54.0	21.94	AV	268.00	200	Horizontal	Pass
2	2351.163	44.15	74.0	29.85	Peak	165.00	100	Horizontal	Pass
2**	2351.163	38.66	54.0	15.34	AV	165.00	100	Horizontal	Pass
3	4204.366	48.47	74.0	25.53	Peak	259.00	200	Horizontal	Pass
3**	4204.366	39.25	54.0	14.75	AV	259.00	200	Horizontal	Pass
4	7437.211	53.29	74.0	20.71	Peak	243.00	400	Horizontal	Pass
4**	7437.211	41.41	54.0	12.59	AV	243.00	400	Horizontal	Pass
5	12521.965	58.64	74.0	15.36	Peak	47.00	300	Horizontal	Pass
5**	12521.965	47.37	54.0	6.63	AV	47.00	300	Horizontal	Pass
6	16148.183	54.82	74.0	19.18	Peak	358.00	100	Horizontal	Pass
6**	16148.183	44.16	54.0	9.84	AV	358.00	100	Horizontal	Pass

11ac40, U-NII-1, 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	1568.148	36.49	74.0	37.51	Peak	171.00	200	Vertical	Pass
1**	1568.148	24.74	54.0	29.26	AV	171.00	200	Vertical	Pass
2	2349.195	47.87	74.0	26.13	Peak	133.00	400	Vertical	Pass
2**	2349.195	35.00	54.0	19.00	AV	133.00	400	Vertical	Pass
3	3914.386	42.76	74.0	31.24	Peak	334.00	200	Vertical	Pass
3**	3914.386	37.00	54.0	17.00	AV	334.00	200	Vertical	Pass
4	7679.226	49.35	74.0	24.65	Peak	359.00	200	Vertical	Pass
4**	7679.226	44.55	54.0	9.45	AV	359.00	200	Vertical	Pass
5	12530.428	57.39	74.0	16.61	Peak	304.00	200	Vertical	Pass
5**	12530.428	41.12	54.0	12.88	AV	304.00	200	Vertical	Pass
6	15383.253	54.27	74.0	19.73	Peak	103.00	300	Vertical	Pass
6**	15383.253	42.73	54.0	11.27	AV	103.00	300	Vertical	Pass

11ac40, U-NII-1, 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	1514.915	41.27	74.0	32.73	Peak	355.00	300	Horizontal	Pass
1**	1514.915	29.04	54.0	24.96	AV	355.00	300	Horizontal	Pass
2	2349.018	43.73	74.0	30.27	Peak	220.00	400	Horizontal	Pass
2**	2349.018	37.62	54.0	16.38	AV	220.00	400	Horizontal	Pass
3	4201.503	45.13	74.0	28.87	Peak	104.00	200	Horizontal	Pass
3**	4201.503	37.15	54.0	16.85	AV	104.00	200	Horizontal	Pass
4	7436.372	51.91	74.0	22.09	Peak	157.00	100	Horizontal	Pass
4**	7436.372	41.80	54.0	12.20	AV	157.00	100	Horizontal	Pass
5	12515.934	55.96	74.0	18.04	Peak	285.00	400	Horizontal	Pass
5**	12515.934	49.45	54.0	4.55	AV	285.00	400	Horizontal	Pass
6	16150.650	54.31	74.0	19.69	Peak	112.00	200	Horizontal	Pass
6**	16150.650	45.78	54.0	8.22	AV	112.00	200	Horizontal	Pass

11ac40, U-NII-1, 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	1570.206	38.56	74.0	35.44	Peak	324.00	100	Vertical	Pass
1**	1570.206	26.63	54.0	27.37	AV	324.00	100	Vertical	Pass
2	2351.037	44.28	74.0	29.72	Peak	219.00	100	Vertical	Pass
2**	2351.037	32.06	54.0	21.94	AV	219.00	100	Vertical	Pass
3	3917.324	46.12	74.0	27.88	Peak	336.00	200	Vertical	Pass
3**	3917.324	37.01	54.0	16.99	AV	336.00	200	Vertical	Pass
4	7680.180	52.47	74.0	21.53	Peak	277.00	400	Vertical	Pass
4**	7680.180	43.29	54.0	10.71	AV	277.00	400	Vertical	Pass
5	12533.727	53.33	74.0	20.67	Peak	269.00	400	Vertical	Pass
5**	12533.727	42.61	54.0	11.39	AV	269.00	400	Vertical	Pass
6	15384.873	51.16	74.0	22.84	Peak	349.00	100	Vertical	Pass
6**	15384.873	44.86	54.0	9.14	AV	349.00	100	Vertical	Pass

11ac80, U-NII-1, 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	1508.008	38.81	74.0	35.19	Peak	142.00	400	Horizontal	Pass
1**	1508.008	30.37	54.0	23.63	AV	142.00	400	Horizontal	Pass
2	2350.128	42.50	74.0	31.50	Peak	340.00	200	Horizontal	Pass
2**	2350.128	39.47	54.0	14.53	AV	340.00	200	Horizontal	Pass
3	4205.464	46.84	74.0	27.16	Peak	272.00	200	Horizontal	Pass
3**	4205.464	35.32	54.0	18.68	AV	272.00	200	Horizontal	Pass
4	7431.140	54.71	74.0	19.29	Peak	104.00	300	Horizontal	Pass
4**	7431.140	42.67	54.0	11.33	AV	104.00	300	Horizontal	Pass
5	12519.862	54.34	74.0	19.66	Peak	348.00	100	Horizontal	Pass
5**	12519.862	44.10	54.0	9.90	AV	348.00	100	Horizontal	Pass
6	16149.000	56.69	74.0	17.31	Peak	258.00	400	Horizontal	Pass
6**	16149.000	41.98	54.0	12.02	AV	258.00	400	Horizontal	Pass

11ac80, U-NII-1, 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	1568.056	37.98	74.0	36.02	Peak	2.00	200	Vertical	Pass
1**	1568.056	24.83	54.0	29.17	AV	2.00	200	Vertical	Pass
2	2350.620	46.44	74.0	27.56	Peak	128.00	400	Vertical	Pass
2**	2350.620	35.34	54.0	18.66	AV	128.00	400	Vertical	Pass
3	3920.346	42.24	74.0	31.76	Peak	274.00	200	Vertical	Pass
3**	3920.346	35.97	54.0	18.03	AV	274.00	200	Vertical	Pass
4	7679.981	49.51	74.0	24.49	Peak	253.00	100	Vertical	Pass
4**	7679.981	41.27	54.0	12.73	AV	253.00	100	Vertical	Pass
5	12526.052	58.45	74.0	15.55	Peak	283.00	200	Vertical	Pass
5**	12526.052	42.92	54.0	11.08	AV	283.00	200	Vertical	Pass
6	15382.823	52.83	74.0	21.17	Peak	217.00	200	Vertical	Pass
6**	15382.823	44.91	54.0	9.09	AV	217.00	200	Vertical	Pass

11ax20(SU), U-NII-1, 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	1514.464	37.80	74.0	36.20	Peak	358.00	400	Horizontal	Pass
1**	1514.464	31.42	54.0	22.58	AV	358.00	400	Horizontal	Pass
2	2344.725	43.75	74.0	30.25	Peak	204.00	300	Horizontal	Pass
2**	2344.725	38.18	54.0	15.82	AV	204.00	300	Horizontal	Pass
3	4204.422	48.93	74.0	25.07	Peak	99.00	200	Horizontal	Pass
3**	4204.422	39.12	54.0	14.88	AV	99.00	200	Horizontal	Pass
4	7437.404	51.63	74.0	22.37	Peak	360.00	200	Horizontal	Pass
4**	7437.404	45.82	54.0	8.18	AV	360.00	200	Horizontal	Pass
5	12514.665	56.83	74.0	17.17	Peak	60.00	100	Horizontal	Pass
5**	12514.665	49.45	54.0	4.55	AV	60.00	100	Horizontal	Pass
6	16147.511	56.74	74.0	17.26	Peak	81.00	300	Horizontal	Pass
6**	16147.511	44.88	54.0	9.12	AV	81.00	300	Horizontal	Pass

11ax20(SU), U-NII-1, 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	1572.222	39.21	74.0	34.79	Peak	354.00	200	Vertical	Pass
1**	1572.222	29.72	54.0	24.28	AV	354.00	200	Vertical	Pass
2	2350.526	43.30	74.0	30.70	Peak	342.00	400	Vertical	Pass
2**	2350.526	31.34	54.0	22.66	AV	342.00	400	Vertical	Pass
3	3914.136	42.65	74.0	31.35	Peak	307.00	200	Vertical	Pass
3**	3914.136	37.09	54.0	16.91	AV	307.00	200	Vertical	Pass
4	7679.488	49.89	74.0	24.11	Peak	121.00	400	Vertical	Pass
4**	7679.488	41.61	54.0	12.39	AV	121.00	400	Vertical	Pass
5	12526.493	56.47	74.0	17.53	Peak	354.00	100	Vertical	Pass
5**	12526.493	45.76	54.0	8.24	AV	354.00	100	Vertical	Pass
6	15385.500	50.28	74.0	23.72	Peak	270.00	300	Vertical	Pass
6**	15385.500	42.40	54.0	11.60	AV	270.00	300	Vertical	Pass

11ax20(SU), U-NII-1, 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	1510.530	38.59	74.0	35.41	Peak	89.00	200	Horizontal	Pass
1**	1510.530	29.50	54.0	24.50	AV	89.00	200	Horizontal	Pass
2	2350.050	42.46	74.0	31.54	Peak	75.00	300	Horizontal	Pass
2**	2350.050	36.11	54.0	17.89	AV	75.00	300	Horizontal	Pass
3	4204.219	47.65	74.0	26.35	Peak	173.00	200	Horizontal	Pass
3**	4204.219	36.27	54.0	17.73	AV	173.00	200	Horizontal	Pass
4	7432.842	56.59	74.0	17.41	Peak	174.00	200	Horizontal	Pass
4**	7432.842	43.39	54.0	10.61	AV	174.00	200	Horizontal	Pass
5	12521.952	55.84	74.0	18.16	Peak	260.00	100	Horizontal	Pass
5**	12521.952	45.17	54.0	8.83	AV	260.00	100	Horizontal	Pass
6	16144.291	52.77	74.0	21.23	Peak	199.00	200	Horizontal	Pass
6**	16144.291	42.67	54.0	11.33	AV	199.00	200	Horizontal	Pass

11ax20(SU), U-NII-1, 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	1567.564	34.86	74.0	39.14	Peak	23.00	100	Vertical	Pass
1**	1567.564	26.89	54.0	27.11	AV	23.00	100	Vertical	Pass
2	2348.326	45.00	74.0	29.00	Peak	100.00	100	Vertical	Pass
2**	2348.326	34.12	54.0	19.88	AV	100.00	100	Vertical	Pass
3	3916.635	45.10	74.0	28.90	Peak	83.00	200	Vertical	Pass
3**	3916.635	36.78	54.0	17.22	AV	83.00	200	Vertical	Pass
4	7680.795	54.65	74.0	19.35	Peak	293.00	400	Vertical	Pass
4**	7680.795	44.60	54.0	9.40	AV	293.00	400	Vertical	Pass
5	12526.551	53.15	74.0	20.85	Peak	291.00	300	Vertical	Pass
5**	12526.551	44.86	54.0	9.14	AV	291.00	300	Vertical	Pass
6	15385.080	51.93	74.0	22.07	Peak	43.00	100	Vertical	Pass
6**	15385.080	41.77	54.0	12.23	AV	43.00	100	Vertical	Pass

11ax20(SU), U-NII-1, 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	1513.048	42.38	74.0	31.62	Peak	273.00	100	Horizontal	Pass
1**	1513.048	31.58	54.0	22.42	AV	273.00	100	Horizontal	Pass
2	2351.868	42.28	74.0	31.72	Peak	298.00	300	Horizontal	Pass
2**	2351.868	34.92	54.0	19.08	AV	298.00	300	Horizontal	Pass
3	4208.275	45.32	74.0	28.68	Peak	169.00	200	Horizontal	Pass
3**	4208.275	40.71	54.0	13.29	AV	169.00	200	Horizontal	Pass
4	7434.155	53.25	74.0	20.75	Peak	29.00	300	Horizontal	Pass
4**	7434.155	42.98	54.0	11.02	AV	29.00	300	Horizontal	Pass
5	12517.996	52.86	74.0	21.14	Peak	84.00	300	Horizontal	Pass
5**	12517.996	45.99	54.0	8.01	AV	84.00	300	Horizontal	Pass
6	16143.553	52.41	74.0	21.59	Peak	117.00	100	Horizontal	Pass
6**	16143.553	42.06	54.0	11.94	AV	117.00	100	Horizontal	Pass

11ax20(SU), U-NII-1, 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	1570.656	34.50	74.0	39.50	Peak	1.00	100	Vertical	Pass
1**	1570.656	28.40	54.0	25.60	AV	1.00	100	Vertical	Pass
2	2347.726	44.60	74.0	29.40	Peak	64.00	200	Vertical	Pass
2**	2347.726	35.39	54.0	18.61	AV	64.00	200	Vertical	Pass
3	3915.205	47.74	74.0	26.26	Peak	298.00	200	Vertical	Pass
3**	3915.205	39.12	54.0	14.88	AV	298.00	200	Vertical	Pass
4	7682.541	53.04	74.0	20.96	Peak	334.00	100	Vertical	Pass
4**	7682.541	45.50	54.0	8.50	AV	334.00	100	Vertical	Pass
5	12531.220	56.54	74.0	17.46	Peak	116.00	300	Vertical	Pass
5**	12531.220	41.43	54.0	12.57	AV	116.00	300	Vertical	Pass
6	15385.027	50.62	74.0	23.38	Peak	359.00	100	Vertical	Pass
6**	15385.027	43.32	54.0	10.68	AV	359.00	100	Vertical	Pass

11ax40(SU), U-NII-1, 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	1508.508	41.93	74.0	32.07	Peak	248.00	300	Horizontal	Pass
1**	1508.508	27.23	54.0	26.77	AV	248.00	300	Horizontal	Pass
2	2348.793	42.33	74.0	31.67	Peak	86.00	200	Horizontal	Pass
2**	2348.793	36.04	54.0	17.96	AV	86.00	200	Horizontal	Pass
3	4205.394	47.07	74.0	26.93	Peak	259.00	200	Horizontal	Pass
3**	4205.394	38.20	54.0	15.80	AV	259.00	200	Horizontal	Pass
4	7435.602	56.36	74.0	17.64	Peak	315.00	300	Horizontal	Pass
4**	7435.602	40.84	54.0	13.16	AV	315.00	300	Horizontal	Pass
5	12520.498	54.41	74.0	19.59	Peak	30.00	200	Horizontal	Pass
5**	12520.498	47.59	54.0	6.41	AV	30.00	200	Horizontal	Pass
6	16143.358	52.01	74.0	21.99	Peak	264.00	300	Horizontal	Pass
6**	16143.358	44.54	54.0	9.46	AV	264.00	300	Horizontal	Pass

11ax40(SU), U-NII-1, 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	1571.226	35.72	74.0	38.28	Peak	201.00	100	Vertical	Pass
1**	1571.226	29.77	54.0	24.23	AV	201.00	100	Vertical	Pass
2	2345.538	41.99	74.0	32.01	Peak	286.00	200	Vertical	Pass
2**	2345.538	36.10	54.0	17.90	AV	286.00	200	Vertical	Pass
3	3914.290	42.46	74.0	31.54	Peak	248.00	200	Vertical	Pass
3**	3914.290	38.16	54.0	15.84	AV	248.00	200	Vertical	Pass
4	7683.737	52.86	74.0	21.14	Peak	86.00	200	Vertical	Pass
4**	7683.737	45.17	54.0	8.83	AV	86.00	200	Vertical	Pass
5	12533.344	58.55	74.0	15.45	Peak	102.00	300	Vertical	Pass
5**	12533.344	40.68	54.0	13.32	AV	102.00	300	Vertical	Pass
6	15381.877	51.40	74.0	22.60	Peak	305.00	100	Vertical	Pass
6**	15381.877	42.51	54.0	11.49	AV	305.00	100	Vertical	Pass

11ax40(SU), U-NII-1, 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	1508.730	40.07	74.0	33.93	Peak	359.00	200	Horizontal	Pass
1**	1508.730	28.40	54.0	25.60	AV	359.00	200	Horizontal	Pass
2	2348.866	45.77	74.0	28.23	Peak	151.00	100	Horizontal	Pass
2**	2348.866	37.80	54.0	16.20	AV	151.00	100	Horizontal	Pass
3	4208.707	45.13	74.0	28.87	Peak	327.00	200	Horizontal	Pass
3**	4208.707	39.14	54.0	14.86	AV	327.00	200	Horizontal	Pass
4	7435.550	56.67	74.0	17.33	Peak	250.00	200	Horizontal	Pass
4**	7435.550	44.54	54.0	9.46	AV	250.00	200	Horizontal	Pass
5	12516.390	58.20	74.0	15.80	Peak	194.00	200	Horizontal	Pass
5**	12516.390	45.22	54.0	8.78	AV	194.00	200	Horizontal	Pass
6	16144.055	51.51	74.0	22.49	Peak	64.00	200	Horizontal	Pass
6**	16144.055	41.11	54.0	12.89	AV	64.00	200	Horizontal	Pass

11ax40(SU), U-NII-1, 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	1573.415	38.74	74.0	35.26	Peak	66.00	300	Vertical	Pass
1**	1573.415	24.80	54.0	29.20	AV	66.00	300	Vertical	Pass
2	2345.838	46.33	74.0	27.67	Peak	318.00	300	Vertical	Pass
2**	2345.838	30.89	54.0	23.11	AV	318.00	300	Vertical	Pass
3	3917.629	42.42	74.0	31.58	Peak	37.00	200	Vertical	Pass
3**	3917.629	35.58	54.0	18.42	AV	37.00	200	Vertical	Pass
4	7676.608	50.20	74.0	23.80	Peak	94.00	400	Vertical	Pass
4**	7676.608	43.71	54.0	10.29	AV	94.00	400	Vertical	Pass
5	12525.949	54.53	74.0	19.47	Peak	228.00	300	Vertical	Pass
5**	12525.949	42.36	54.0	11.64	AV	228.00	300	Vertical	Pass
6	15379.614	53.45	74.0	20.55	Peak	316.00	100	Vertical	Pass
6**	15379.614	44.49	54.0	9.51	AV	316.00	100	Vertical	Pass

11ax80(SU), U-NII-1, 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	1512.536	38.86	74.0	35.14	Peak	0.00	100	Horizontal	Pass
1**	1512.536	29.10	54.0	24.90	AV	0.00	100	Horizontal	Pass
2	2347.049	47.73	74.0	26.27	Peak	193.00	200	Horizontal	Pass
2**	2347.049	38.34	54.0	15.66	AV	193.00	200	Horizontal	Pass
3	4202.939	45.92	74.0	28.08	Peak	299.00	200	Horizontal	Pass
3**	4202.939	35.15	54.0	18.85	AV	299.00	200	Horizontal	Pass
4	7432.736	55.76	74.0	18.24	Peak	133.00	400	Horizontal	Pass
4**	7432.736	40.82	54.0	13.18	AV	133.00	400	Horizontal	Pass
5	12520.853	52.94	74.0	21.06	Peak	48.00	400	Horizontal	Pass
5**	12520.853	48.98	54.0	5.02	AV	48.00	400	Horizontal	Pass
6	16146.254	54.85	74.0	19.15	Peak	235.00	400	Horizontal	Pass
6**	16146.254	46.74	54.0	7.26	AV	235.00	400	Horizontal	Pass

11ax80(SU), U-NII-1, 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	1574.276	39.21	74.0	34.79	Peak	147.00	100	Vertical	Pass
1**	1574.276	26.30	54.0	27.70	AV	147.00	100	Vertical	Pass
2	2348.119	47.37	74.0	26.63	Peak	105.00	300	Vertical	Pass
2**	2348.119	35.73	54.0	18.27	AV	105.00	300	Vertical	Pass
3	3917.983	43.22	74.0	30.78	Peak	280.00	200	Vertical	Pass
3**	3917.983	33.55	54.0	20.45	AV	280.00	200	Vertical	Pass
4	7680.501	49.91	74.0	24.09	Peak	247.00	100	Vertical	Pass
4**	7680.501	41.50	54.0	12.50	AV	247.00	100	Vertical	Pass
5	12529.304	53.36	74.0	20.64	Peak	315.00	400	Vertical	Pass
5**	12529.304	43.80	54.0	10.20	AV	315.00	400	Vertical	Pass
6	15380.624	53.45	74.0	20.55	Peak	42.00	100	Vertical	Pass
6**	15380.624	45.44	54.0	8.56	AV	42.00	100	Vertical	Pass

11a, U-NII-2A, 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	1522.107	41.11	74.0	32.89	Peak	253.00	300	Horizontal	Pass
1**	1522.107	29.89	54.0	24.11	AV	253.00	300	Horizontal	Pass
2	2272.207	45.16	74.0	28.84	Peak	134.00	400	Horizontal	Pass
2**	2272.207	32.83	54.0	21.17	AV	134.00	400	Horizontal	Pass
3	4043.564	47.18	74.0	26.82	Peak	344.00	200	Horizontal	Pass
3**	4043.564	37.93	54.0	16.07	AV	344.00	200	Horizontal	Pass
4	7618.219	50.48	74.0	23.52	Peak	312.00	400	Horizontal	Pass
4**	7618.219	46.39	54.0	7.61	AV	312.00	400	Horizontal	Pass
5	12458.229	55.71	74.0	18.29	Peak	189.00	300	Horizontal	Pass
5**	12458.229	43.22	54.0	10.78	AV	189.00	300	Horizontal	Pass
6	15903.435	51.12	74.0	22.88	Peak	57.00	100	Horizontal	Pass
6**	15903.435	46.18	54.0	7.82	AV	57.00	100	Horizontal	Pass

11a, U-NII-2A, 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	1526.609	37.71	74.0	36.29	Peak	344.00	100	Vertical	Pass
1**	1526.609	27.94	54.0	26.06	AV	344.00	100	Vertical	Pass
2	2336.540	45.71	74.0	28.29	Peak	289.00	100	Vertical	Pass
2**	2336.540	35.83	54.0	18.17	AV	289.00	100	Vertical	Pass
3	4904.115	48.70	74.0	25.30	Peak	177.00	200	Vertical	Pass
3**	4904.115	40.16	54.0	13.84	AV	177.00	200	Vertical	Pass
4	7330.511	55.64	74.0	18.36	Peak	33.00	300	Vertical	Pass
4**	7330.511	45.73	54.0	8.27	AV	33.00	300	Vertical	Pass
5	12485.492	54.84	74.0	19.16	Peak	93.00	300	Vertical	Pass
5**	12485.492	46.59	54.0	7.41	AV	93.00	300	Vertical	Pass
6	15688.979	53.52	74.0	20.48	Peak	203.00	100	Vertical	Pass
6**	15688.979	42.75	54.0	11.25	AV	203.00	100	Vertical	Pass

11a, U-NII-2A, 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	1526.646	39.02	74.0	34.98	Peak	89.00	200	Horizontal	Pass
1**	1526.646	30.59	54.0	23.41	AV	89.00	200	Horizontal	Pass
2	2271.878	42.55	74.0	31.45	Peak	306.00	300	Horizontal	Pass
2**	2271.878	37.27	54.0	16.73	AV	306.00	300	Horizontal	Pass
3	4048.131	45.51	74.0	28.49	Peak	161.00	200	Horizontal	Pass
3**	4048.131	36.97	54.0	17.03	AV	161.00	200	Horizontal	Pass
4	7618.428	50.25	74.0	23.75	Peak	342.00	300	Horizontal	Pass
4**	7618.428	41.78	54.0	12.22	AV	342.00	300	Horizontal	Pass
5	12454.322	51.81	74.0	22.19	Peak	229.00	200	Horizontal	Pass
5**	12454.322	42.84	54.0	11.16	AV	229.00	200	Horizontal	Pass
6	15901.012	54.13	74.0	19.87	Peak	220.00	200	Horizontal	Pass
6**	15901.012	42.82	54.0	11.18	AV	220.00	200	Horizontal	Pass

11a, U-NII-2A, 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	1529.575	37.15	74.0	36.85	Peak	249.00	100	Vertical	Pass
1**	1529.575	28.95	54.0	25.05	AV	249.00	100	Vertical	Pass
2	2332.285	45.64	74.0	28.36	Peak	70.00	100	Vertical	Pass
2**	2332.285	37.18	54.0	16.82	AV	70.00	100	Vertical	Pass
3	4902.502	52.76	74.0	21.24	Peak	297.00	200	Vertical	Pass
3**	4902.502	37.48	54.0	16.52	AV	297.00	200	Vertical	Pass
4	7324.823	50.39	74.0	23.61	Peak	286.00	400	Vertical	Pass
4**	7324.823	46.33	54.0	7.67	AV	286.00	400	Vertical	Pass
5	12486.858	54.47	74.0	19.53	Peak	118.00	200	Vertical	Pass
5**	12486.858	42.50	54.0	11.50	AV	118.00	200	Vertical	Pass
6	15689.179	56.32	74.0	17.68	Peak	223.00	200	Vertical	Pass
6**	15689.179	44.59	54.0	9.41	AV	223.00	200	Vertical	Pass

11a, U-NII-2A, 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	1526.719	39.35	74.0	34.65	Peak	165.00	400	Horizontal	Pass
1**	1526.719	30.43	54.0	23.57	AV	165.00	400	Horizontal	Pass
2	2276.626	46.29	74.0	27.71	Peak	213.00	200	Horizontal	Pass
2**	2276.626	35.34	54.0	18.66	AV	213.00	200	Horizontal	Pass
3	4042.639	46.82	74.0	27.18	Peak	278.00	200	Horizontal	Pass
3**	4042.639	34.36	54.0	19.64	AV	278.00	200	Horizontal	Pass
4	7619.947	54.89	74.0	19.11	Peak	139.00	200	Horizontal	Pass
4**	7619.947	45.73	54.0	8.27	AV	139.00	200	Horizontal	Pass
5	12453.715	54.22	74.0	19.78	Peak	187.00	200	Horizontal	Pass
5**	12453.715	46.27	54.0	7.73	AV	187.00	200	Horizontal	Pass
6	15901.274	53.65	74.0	20.35	Peak	58.00	100	Horizontal	Pass
6**	15901.274	45.60	54.0	8.40	AV	58.00	100	Horizontal	Pass

11a, U-NII-2A, 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	1530.021	36.41	74.0	37.59	Peak	102.00	200	Vertical	Pass
1**	1530.021	31.03	54.0	22.97	AV	102.00	200	Vertical	Pass
2	2337.609	43.11	74.0	30.89	Peak	270.00	100	Vertical	Pass
2**	2337.609	36.35	54.0	17.65	AV	270.00	100	Vertical	Pass
3	4898.585	52.88	74.0	21.12	Peak	303.00	200	Vertical	Pass
3**	4898.585	37.14	54.0	16.86	AV	303.00	200	Vertical	Pass
4	7328.651	52.99	74.0	21.01	Peak	183.00	100	Vertical	Pass
4**	7328.651	45.93	54.0	8.07	AV	183.00	100	Vertical	Pass
5	12486.922	54.31	74.0	19.69	Peak	331.00	400	Vertical	Pass
5**	12486.922	45.48	54.0	8.52	AV	331.00	400	Vertical	Pass
6	15693.646	53.85	74.0	20.15	Peak	174.00	100	Vertical	Pass
6**	15693.646	42.97	54.0	11.03	AV	174.00	100	Vertical	Pass

11n20, U-NII-2A, 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	1525.207	36.45	74.0	37.55	Peak	105.00	300	Horizontal	Pass
1**	1525.207	29.84	54.0	24.16	AV	105.00	300	Horizontal	Pass
2	2275.695	45.06	74.0	28.94	Peak	59.00	300	Horizontal	Pass
2**	2275.695	32.72	54.0	21.28	AV	59.00	300	Horizontal	Pass
3	4045.447	49.47	74.0	24.53	Peak	56.00	200	Horizontal	Pass
3**	4045.447	34.59	54.0	19.41	AV	56.00	200	Horizontal	Pass
4	7619.420	51.24	74.0	22.76	Peak	274.00	400	Horizontal	Pass
4**	7619.420	45.09	54.0	8.91	AV	274.00	400	Horizontal	Pass
5	12453.373	51.76	74.0	22.24	Peak	215.00	100	Horizontal	Pass
5**	12453.373	44.80	54.0	9.20	AV	215.00	100	Horizontal	Pass
6	15899.922	56.03	74.0	17.97	Peak	237.00	300	Horizontal	Pass
6**	15899.922	45.33	54.0	8.67	AV	237.00	300	Horizontal	Pass

11n20, U-NII-2A, 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	1532.620	40.00	74.0	34.00	Peak	43.00	200	Vertical	Pass
1**	1532.620	26.15	54.0	27.85	AV	43.00	200	Vertical	Pass
2	2334.845	45.25	74.0	28.75	Peak	263.00	300	Vertical	Pass
2**	2334.845	34.16	54.0	19.84	AV	263.00	300	Vertical	Pass
3	4902.909	52.38	74.0	21.62	Peak	95.00	200	Vertical	Pass
3**	4902.909	37.23	54.0	16.77	AV	95.00	200	Vertical	Pass
4	7329.185	54.03	74.0	19.97	Peak	183.00	200	Vertical	Pass
4**	7329.185	42.72	54.0	11.28	AV	183.00	200	Vertical	Pass
5	12482.893	54.86	74.0	19.14	Peak	323.00	200	Vertical	Pass
5**	12482.893	46.05	54.0	7.95	AV	323.00	200	Vertical	Pass
6	15695.199	52.61	74.0	21.39	Peak	195.00	200	Vertical	Pass
6**	15695.199	43.90	54.0	10.10	AV	195.00	200	Vertical	Pass

11n20, U-NII-2A, 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	1524.252	38.66	74.0	35.34	Peak	223.00	400	Horizontal	Pass
1**	1524.252	29.49	54.0	24.51	AV	223.00	400	Horizontal	Pass
2	2272.942	44.69	74.0	29.31	Peak	100.00	200	Horizontal	Pass
2**	2272.942	34.36	54.0	19.64	AV	100.00	200	Horizontal	Pass
3	4049.510	44.67	74.0	29.33	Peak	328.00	200	Horizontal	Pass
3**	4049.510	39.12	54.0	14.88	AV	328.00	200	Horizontal	Pass
4	7623.286	52.43	74.0	21.57	Peak	332.00	100	Horizontal	Pass
4**	7623.286	41.99	54.0	12.01	AV	332.00	100	Horizontal	Pass
5	12455.288	54.01	74.0	19.99	Peak	264.00	100	Horizontal	Pass
5**	12455.288	45.77	54.0	8.23	AV	264.00	100	Horizontal	Pass
6	15903.419	54.78	74.0	19.22	Peak	283.00	300	Horizontal	Pass
6**	15903.419	42.31	54.0	11.69	AV	283.00	300	Horizontal	Pass

11n20, U-NII-2A, 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	1530.569	38.17	74.0	35.83	Peak	229.00	400	Vertical	Pass
1**	1530.569	28.30	54.0	25.70	AV	229.00	400	Vertical	Pass
2	2338.057	42.11	74.0	31.89	Peak	17.00	300	Vertical	Pass
2**	2338.057	34.30	54.0	19.70	AV	17.00	300	Vertical	Pass
3	4903.526	52.83	74.0	21.17	Peak	182.00	200	Vertical	Pass
3**	4903.526	42.03	54.0	11.97	AV	182.00	200	Vertical	Pass
4	7324.480	55.94	74.0	18.06	Peak	63.00	100	Vertical	Pass
4**	7324.480	44.06	54.0	9.94	AV	63.00	100	Vertical	Pass
5	12486.678	51.26	74.0	22.74	Peak	15.00	300	Vertical	Pass
5**	12486.678	42.95	54.0	11.05	AV	15.00	300	Vertical	Pass
6	15693.874	54.25	74.0	19.75	Peak	308.00	400	Vertical	Pass
6**	15693.874	42.36	54.0	11.64	AV	308.00	400	Vertical	Pass