



TEST REPORT

Applicant: Acer Incorporated
Address: 8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City
221 Taiwan
Equipment Type: Tablet PC
Model Name: A25007
Marketing Name: Iconia A8, A8-21P
Brand Name: acer
FCC ID: HLZA25007
ISED Number: 1754F-A25007
47 CFR Part 15 Subpart E
RSS-Gen Issue 5
Test Standard: RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Apr. 11, 2025
Test Date: Apr. 19, 2025 - Jun. 27, 2025
Date of Issue: Jul. 03, 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>Jul. 03, 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	Acer Incorporated
Address	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan

2.2 Manufacturer Information

Manufacturer	Acer Incorporated
Address	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	A25007
Marketing Name	Iconia A8, A8-21P
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	N8LJLWW00352302E469H00
Hardware Version	W30A333-20T25G
Software Version	Android 15
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
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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: 12.42 mW U-NII-2A: 12.33 mW U-NII-2C: 9.86 mW U-NII-3: 12.05 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -1.01 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.48 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.11 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.19 dBi
About the Product	The equipment is Tablet PC, 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	RU_996
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	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
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 ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
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.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	40% to 56%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.2°C to +24.5°C
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
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	N9038A	MY53220118	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2024.07.06	2027.07.05
Amplifier	COM-MV	ZT30-1000M	B2017119082	2024.11.28	2025.11.27
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
				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%

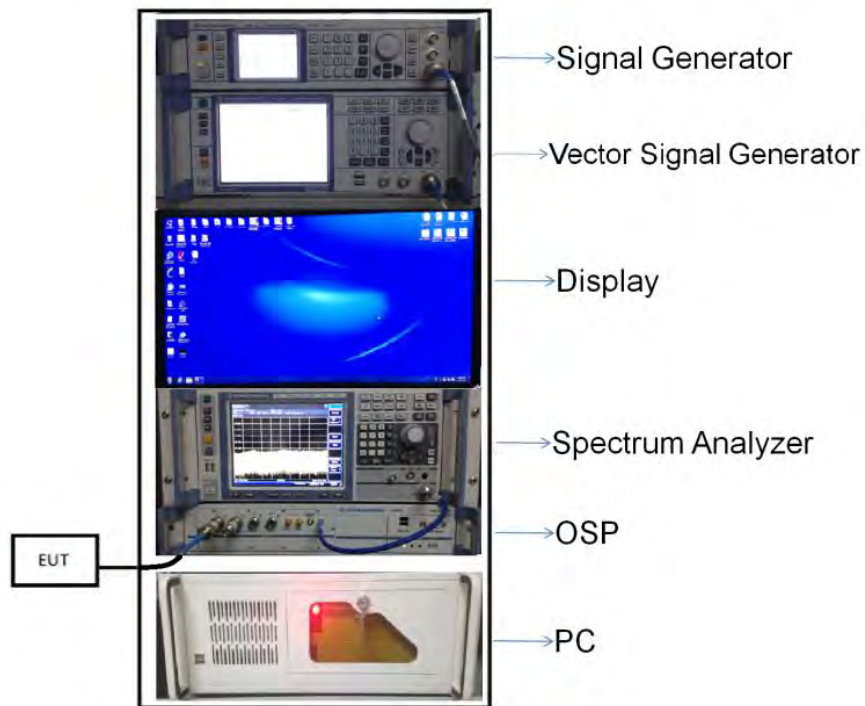
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

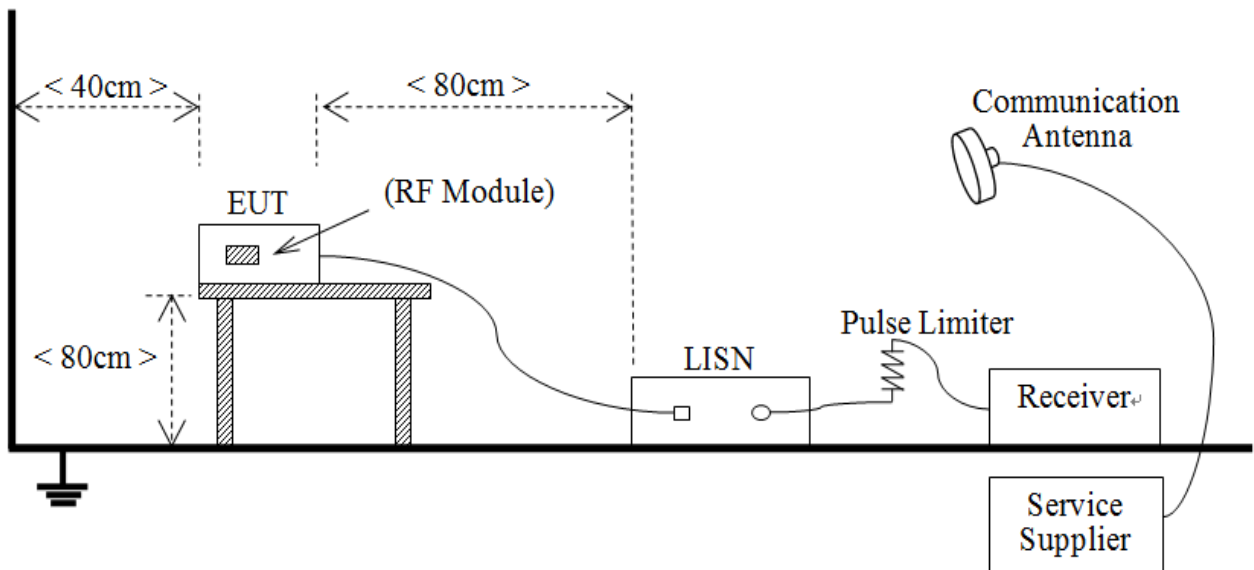
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



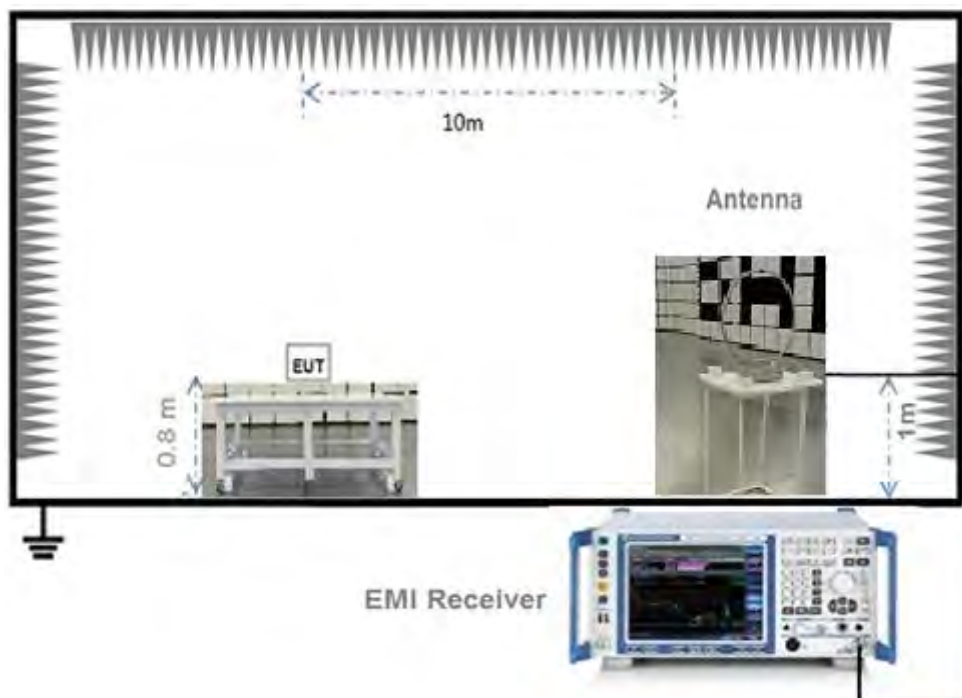
(Diagram 1)

4.5.2 For AC Power Supply Port Test



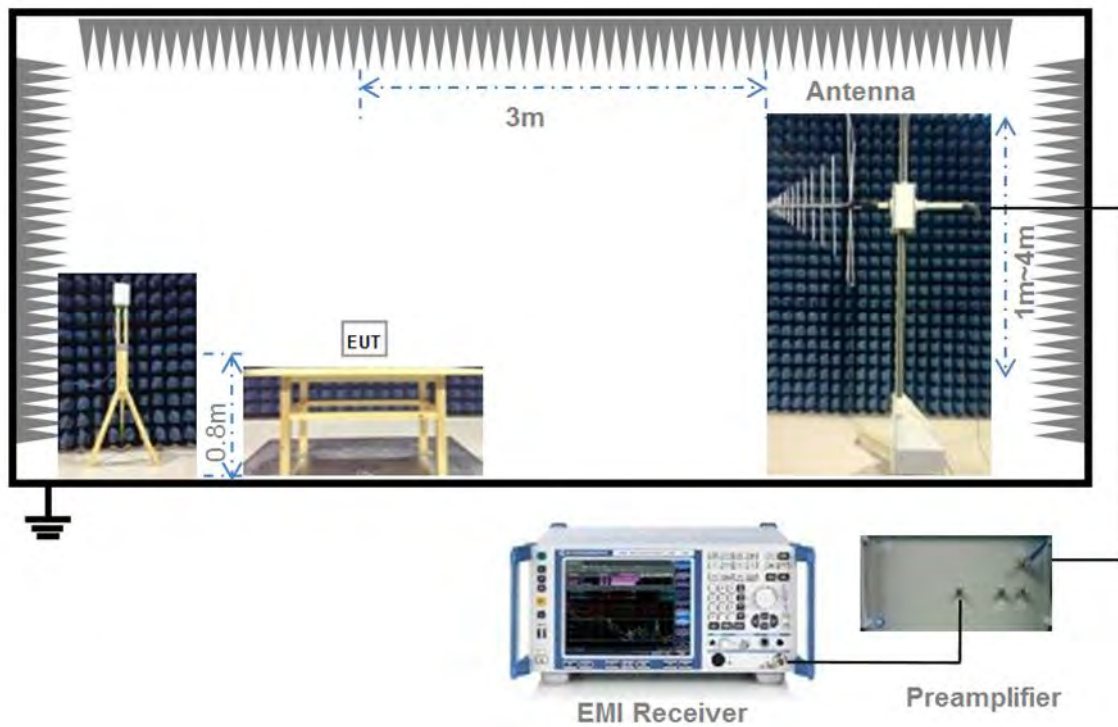
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



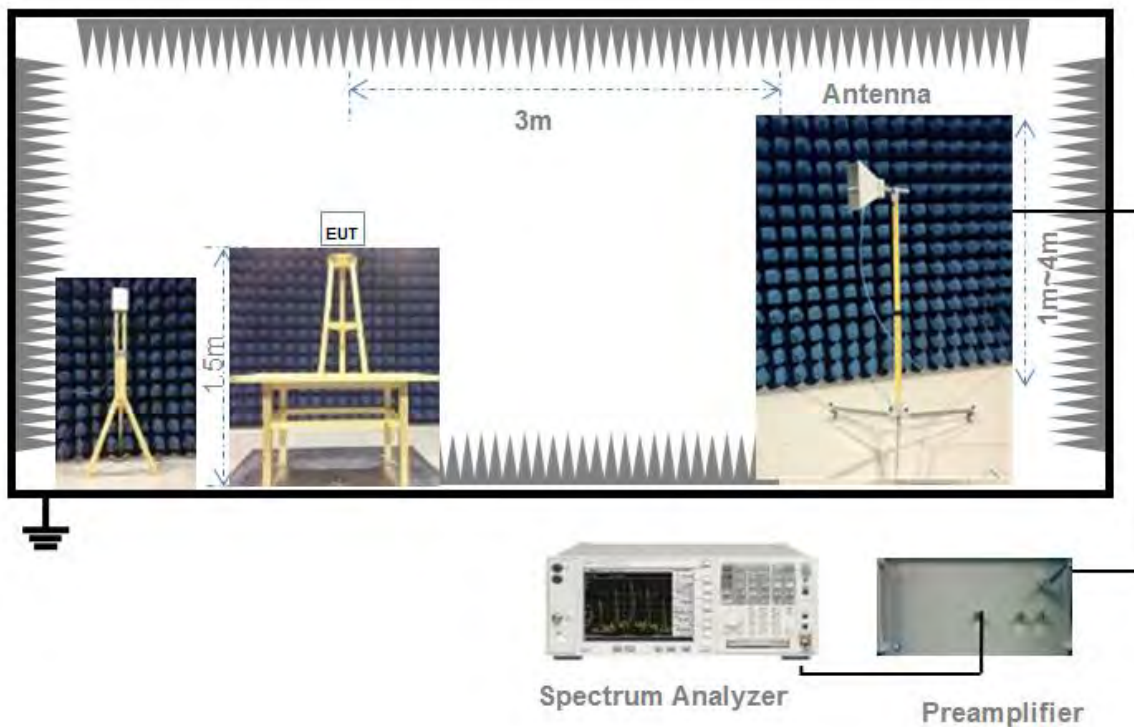
(Diagram 3)

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)

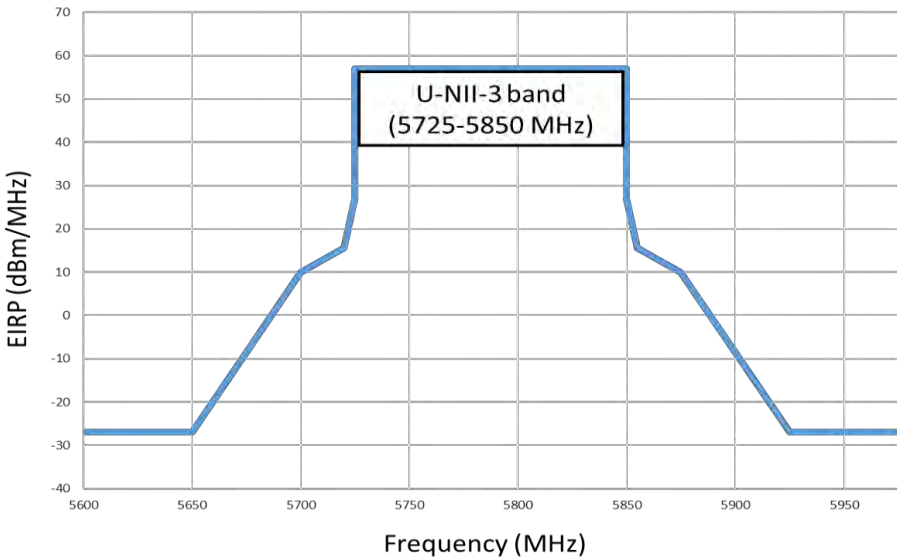
5.5.1 Limit

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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.40	1.51	92.45%	0.34
11n(HT20)	5.09	5.21	97.68%	0.10
11n(HT40)	4.88	4.98	98.03%	0.09
11ac(VHT20)	5.09	5.21	97.68%	0.10
11ac(VHT40)	4.88	4.98	98.03%	0.09
11ac (VHT80)	4.51	4.72	95.53%	0.20
11ax (HE20)(SU)	3.87	3.99	96.99%	0.13
11ax (HE40)(SU)	3.81	4.02	94.76%	0.23
11ax (HE80)(SU)	3.67	3.90	94.03%	0.27

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	10.39	10.94	250	Pass
11a	CH44	10.51	11.25	250	Pass
11a	CH48	10.42	11.02	250	Pass
11n (HT20)	CH36	10.72	11.80	250	Pass
11n (HT20)	CH44	10.89	12.27	250	Pass
11n (HT20)	CH48	10.94	12.42	250	Pass
11n (HT40)	CH38	10.21	10.50	250	Pass
11n (HT40)	CH46	10.94	12.42	250	Pass
11ac (VHT20)	CH36	10.82	12.08	250	Pass
11ac (VHT20)	CH44	10.14	10.33	250	Pass
11ac (VHT20)	CH48	10.09	10.21	250	Pass
11ac (VHT40)	CH38	10.82	12.08	250	Pass
11ac (VHT40)	CH46	10.08	10.19	250	Pass
11ac (VHT80)	CH42	10.58	11.43	250	Pass
11ax (HE20)(SU)	CH36	10.77	11.94	250	Pass
11ax (HE20)(SU)	CH44	10.03	10.07	250	Pass
11ax (HE20)(SU)	CH48	10.87	12.22	250	Pass
11ax (HE40)(SU)	CH38	10.85	12.16	250	Pass
11ax (HE40)(SU)	CH46	10.03	10.07	250	Pass
11ax (HE80)(SU)	CH42	10.71	11.78	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	10.48	11.17	250	Pass
11a	CH60	10.22	10.52	250	Pass
11a	CH64	10.38	10.91	250	Pass
11n (HT20)	CH52	10.86	12.20	250	Pass
11n (HT20)	CH60	10.59	11.46	250	Pass
11n (HT20)	CH64	10.50	11.22	250	Pass
11n (HT40)	CH54	10.75	11.89	250	Pass
11n (HT40)	CH62	10.65	11.61	250	Pass
11ac (VHT20)	CH52	10.91	12.33	250	Pass
11ac (VHT20)	CH60	10.57	11.40	250	Pass
11ac (VHT20)	CH64	10.53	11.30	250	Pass
11ac (VHT40)	CH54	10.75	11.89	250	Pass
11ac (VHT40)	CH62	10.59	11.46	250	Pass
11ac (VHT80)	CH58	10.58	11.43	250	Pass
11ax (HE20)(SU)	CH52	10.78	11.97	250	Pass
11ax (HE20)(SU)	CH60	10.50	11.22	250	Pass
11ax (HE20)(SU)	CH64	10.59	11.46	250	Pass
11ax (HE40)(SU)	CH54	10.82	12.08	250	Pass
11ax (HE40)(SU)	CH62	10.56	11.38	250	Pass
11ax (HE80)(SU)	CH58	10.47	11.14	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	9.78	9.51	250	Pass
11a	CH116	9.03	8.00	250	Pass
11a	CH140	9.75	9.44	250	Pass
11n (HT20)	CH100	9.02	7.98	250	Pass
11n (HT20)	CH116	9.44	8.79	250	Pass
11n (HT20)	CH140	9.54	8.99	250	Pass
11n (HT40)	CH102	9.29	8.49	250	Pass
11n (HT40)	CH118	9.36	8.63	250	Pass
11n (HT40)	CH134	9.93	9.84	250	Pass
11ac (VHT20)	CH100	9.22	8.36	250	Pass
11ac (VHT20)	CH116	9.38	8.67	250	Pass
11ac (VHT20)	CH140	9.57	9.06	250	Pass
11ac (VHT40)	CH102	9.22	8.36	250	Pass
11ac (VHT40)	CH118	9.35	8.61	250	Pass
11ac (VHT40)	CH134	9.87	9.71	250	Pass
11ac (VHT80)	CH106	9.20	8.32	250	Pass
11ac (VHT80)	CH122	9.20	8.32	250	Pass
11ax (HE20)(SU)	CH100	9.19	8.30	250	Pass
11ax (HE20)(SU)	CH116	9.40	8.71	250	Pass
11ax (HE20)(SU)	CH140	9.53	8.97	250	Pass
11ax (HE40)(SU)	CH102	9.19	8.30	250	Pass
11ax (HE40)(SU)	CH118	9.34	8.59	250	Pass
11ax (HE40)(SU)	CH134	9.94	9.86	250	Pass
11ax (HE80)(SU)	CH106	9.17	8.26	250	Pass
11ax (HE80)(SU)	CH122	9.04	8.02	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.29	10.69	1000	Pass
11a	CH157	10.11	10.26	1000	Pass
11a	CH165	10.81	12.05	1000	Pass
11n (HT20)	CH149	10.76	11.91	1000	Pass
11n (HT20)	CH157	10.23	10.54	1000	Pass
11n (HT20)	CH165	10.13	10.30	1000	Pass
11n (HT40)	CH151	10.62	11.53	1000	Pass
11n (HT40)	CH159	10.27	10.64	1000	Pass
11ac (VHT20)	CH149	10.72	11.80	1000	Pass
11ac (VHT20)	CH157	10.23	10.54	1000	Pass
11ac (VHT20)	CH165	10.05	10.12	1000	Pass
11ac (VHT40)	CH151	10.57	11.40	1000	Pass
11ac (VHT40)	CH159	10.13	10.30	1000	Pass
11ac (VHT80)	CH155	10.49	11.19	1000	Pass
11ax (HE20)(SU)	CH149	10.61	11.51	1000	Pass
11ax (HE20)(SU)	CH157	10.22	10.52	1000	Pass
11ax (HE20)(SU)	CH165	10.02	10.05	1000	Pass
11ax (HE40)(SU)	CH151	10.52	11.27	1000	Pass
11ax (HE40)(SU)	CH159	10.23	10.54	1000	Pass
11ax (HE80)(SU)	CH155	10.43	11.04	1000	Pass

E.I.R.P

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	9.38	8.67	168	Pass
11a	CH44	9.50	8.91	167	Pass
11a	CH48	9.41	8.73	168	Pass
11n (HT20)	CH36	9.71	9.35	180	Pass
11n (HT20)	CH44	9.88	9.73	180	Pass
11n (HT20)	CH48	9.93	9.84	180	Pass
11n (HT40)	CH38	9.20	8.32	200	Pass
11n (HT40)	CH46	9.93	9.84	200	Pass
11ac (VHT20)	CH36	9.81	9.57	180	Pass
11ac (VHT20)	CH44	9.13	8.18	180	Pass
11ac (VHT20)	CH48	9.08	8.09	180	Pass
11ac (VHT40)	CH38	9.81	9.57	200	Pass
11ac (VHT40)	CH46	9.07	8.07	200	Pass
11ac (VHT80)	CH42	9.57	9.06	200	Pass
11ax (HE20)(SU)	CH36	9.76	9.46	191	Pass
11ax (HE20)(SU)	CH44	9.02	7.98	191	Pass
11ax (HE20)(SU)	CH48	9.86	9.68	191	Pass
11ax (HE40)(SU)	CH38	9.84	9.64	200	Pass
11ax (HE40)(SU)	CH46	9.02	7.98	200	Pass
11ax (HE80)(SU)	CH42	9.70	9.33	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	9.00	7.94	842	Pass
11a	CH60	8.74	7.48	842	Pass
11a	CH64	8.90	7.76	842	Pass
11n (HT20)	CH52	9.38	8.67	902	Pass
11n (HT20)	CH60	9.11	8.15	901	Pass
11n (HT20)	CH64	9.02	7.98	903	Pass
11n (HT40)	CH54	9.27	8.45	1000	Pass
11n (HT40)	CH62	9.17	8.26	1000	Pass
11ac (VHT20)	CH52	9.43	8.77	901	Pass
11ac (VHT20)	CH60	9.09	8.11	901	Pass
11ac (VHT20)	CH64	9.05	8.04	902	Pass
11ac (VHT40)	CH54	9.27	8.45	1000	Pass
11ac (VHT40)	CH62	9.11	8.15	1000	Pass
11ac (VHT80)	CH58	9.10	8.13	1000	Pass
11ax (HE20)(SU)	CH52	9.30	8.51	960	Pass
11ax (HE20)(SU)	CH60	9.02	7.98	961	Pass
11ax (HE20)(SU)	CH64	9.11	8.15	960	Pass
11ax (HE40)(SU)	CH54	9.34	8.59	1000	Pass
11ax (HE40)(SU)	CH62	9.08	8.09	1000	Pass
11ax (HE80)(SU)	CH58	8.99	7.93	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	9.89	9.75	848	Pass
11a	CH116	9.14	8.20	849	Pass
11a	CH140	9.86	9.68	850	Pass
11n (HT20)	CH100	9.13	8.18	910	Pass
11n (HT20)	CH116	9.55	9.02	910	Pass
11n (HT20)	CH140	9.65	9.23	909	Pass
11n (HT40)	CH102	9.40	8.71	1000	Pass
11n (HT40)	CH118	9.47	8.85	1000	Pass
11n (HT40)	CH134	10.04	10.09	1000	Pass
11ac (VHT20)	CH100	9.33	8.57	912	Pass
11ac (VHT20)	CH116	9.49	8.89	911	Pass
11ac (VHT20)	CH140	9.68	9.29	910	Pass
11ac (VHT40)	CH102	9.33	8.57	1000	Pass
11ac (VHT40)	CH118	9.46	8.83	1000	Pass
11ac (VHT40)	CH134	9.98	9.95	1000	Pass
11ac (VHT80)	CH106	9.31	8.53	1000	Pass
11ac (VHT80)	CH122	9.31	8.53	1000	Pass
11ax (HE20)(SU)	CH100	9.30	8.51	965	Pass
11ax (HE20)(SU)	CH116	9.51	8.93	965	Pass
11ax (HE20)(SU)	CH140	9.64	9.20	967	Pass
11ax (HE40)(SU)	CH102	9.30	8.51	1000	Pass
11ax (HE40)(SU)	CH118	9.45	8.81	1000	Pass
11ax (HE40)(SU)	CH134	10.05	10.12	1000	Pass
11ax (HE80)(SU)	CH106	9.28	8.47	1000	Pass
11ax (HE80)(SU)	CH122	9.15	8.22	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	10.10	10.23	Pass
11a	CH157	9.92	9.82	Pass
11a	CH165	10.62	11.53	Pass
11n (HT20)	CH149	10.57	11.40	Pass
11n (HT20)	CH157	10.04	10.09	Pass
11n (HT20)	CH165	9.94	9.86	Pass
11n (HT40)	CH151	10.43	11.04	Pass
11n (HT40)	CH159	10.08	10.19	Pass
11ac (VHT20)	CH149	10.53	11.30	Pass
11ac (VHT20)	CH157	10.04	10.09	Pass
11ac (VHT20)	CH165	9.86	9.68	Pass
11ac (VHT40)	CH151	10.38	10.91	Pass
11ac (VHT40)	CH159	9.94	9.86	Pass
11ac (VHT80)	CH155	10.30	10.72	Pass
11ax (HE20)(SU)	CH149	10.42	11.02	Pass
11ax (HE20)(SU)	CH157	10.03	10.07	Pass
11ax (HE20)(SU)	CH165	9.83	9.62	Pass
11ax (HE40)(SU)	CH151	10.33	10.79	Pass
11ax (HE40)(SU)	CH159	10.04	10.09	Pass
11ax (HE80)(SU)	CH155	10.24	10.57	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2540824-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	25.77	16.79
11a	CH44	25.53	16.73
11a	CH48	25.27	16.81
11n (HT20)	CH36	27.27	17.98
11n (HT20)	CH44	26.71	17.97
11n (HT20)	CH48	28.49	18.00
11n (HT40)	CH38	48.38	36.54
11n (HT40)	CH46	48.04	36.57
11ac (VHT20)	CH36	28.97	18.01
11ac (VHT20)	CH44	27.77	17.98
11ac (VHT20)	CH48	28.28	17.98
11ac (VHT40)	CH38	47.77	36.55
11ac (VHT40)	CH46	46.48	36.50
11ac (VHT80)	CH42	103.90	76.32
11ax (HE20)(SU)	CH36	25.59	19.14
11ax (HE20)(SU)	CH44	24.39	19.13
11ax (HE20)(SU)	CH48	26.10	19.09
11ax (HE40)(SU)	CH38	44.88	37.99
11ax (HE40)(SU)	CH46	45.88	37.93
11ax (HE80)(SU)	CH42	86.15	77.63

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.12	16.80
11a	CH60	26.30	16.80
11a	CH64	25.55	16.80
11n (HT20)	CH52	29.26	18.00
11n (HT20)	CH60	28.34	17.99
11n (HT20)	CH64	26.62	18.02
11n (HT40)	CH54	47.81	36.56
11n (HT40)	CH62	50.14	36.56
11ac (VHT20)	CH52	26.48	17.98
11ac (VHT20)	CH60	26.59	17.97
11ac (VHT20)	CH64	27.45	18.00
11ac (VHT40)	CH54	47.03	36.55
11ac (VHT40)	CH62	47.88	36.55
11ac (VHT80)	CH58	124.90	76.42
11ax (HE20)(SU)	CH52	25.70	19.16
11ax (HE20)(SU)	CH60	26.22	19.17
11ax (HE20)(SU)	CH64	26.81	19.16
11ax (HE40)(SU)	CH54	46.50	37.95
11ax (HE40)(SU)	CH62	45.46	37.97
11ax (HE80)(SU)	CH58	86.27	77.55

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	25.84	16.91
11a	CH116	28.04	16.95
11a	CH140	26.79	16.96
11n (HT20)	CH100	29.28	18.15
11n (HT20)	CH116	29.44	18.16
11n (HT20)	CH140	27.90	18.14
11n (HT40)	CH102	66.35	36.82
11n (HT40)	CH118	67.66	36.80
11n (HT40)	CH134	57.23	36.81
11ac (VHT20)	CH100	30.39	18.19
11ac (VHT20)	CH116	31.73	18.18
11ac (VHT20)	CH140	33.25	18.15
11ac (VHT40)	CH102	61.55	36.83
11ac (VHT40)	CH118	57.42	36.80
11ac (VHT40)	CH134	51.07	36.77
11ac (VHT80)	CH106	147.10	76.63
11ac (VHT80)	CH122	150.30	76.78
11ax (HE20)(SU)	CH100	32.34	19.26
11ax (HE20)(SU)	CH116	30.32	19.26
11ax (HE20)(SU)	CH140	28.23	19.29
11ax (HE40)(SU)	CH102	47.73	38.12
11ax (HE40)(SU)	CH118	49.98	38.11
11ax (HE40)(SU)	CH134	47.43	38.11
11ax (HE80)(SU)	CH106	96.42	77.93
11ax (HE80)(SU)	CH122	88.73	77.92

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	27.07	16.97
11a	CH157	26.43	16.97
11a	CH165	27.23	16.92
11n (HT20)	CH149	27.73	18.15
11n (HT20)	CH157	28.13	18.10
11n (HT20)	CH165	27.88	18.15
11n (HT40)	CH151	62.28	36.82
11n (HT40)	CH159	49.95	36.78
11ac (VHT20)	CH149	28.95	18.14
11ac (VHT20)	CH157	29.14	18.12
11ac (VHT20)	CH165	29.35	18.13
11ac (VHT40)	CH151	48.54	36.77
11ac (VHT40)	CH159	48.11	36.81
11ac (VHT80)	CH155	133.10	76.64
11ax (HE20)(SU)	CH149	26.33	19.22
11ax (HE20)(SU)	CH157	28.18	19.21
11ax (HE20)(SU)	CH165	28.78	19.23
11ax (HE40)(SU)	CH151	47.56	38.04
11ax (HE40)(SU)	CH159	46.86	38.17
11ax (HE80)(SU)	CH155	87.49	76.78

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2540824-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.50	500.00	Pass
11a	CH157	16.50	500.00	Pass
11a	CH165	16.50	500.00	Pass
11n (HT20)	CH149	18.00	500.00	Pass
11n (HT20)	CH157	17.80	500.00	Pass
11n (HT20)	CH165	17.80	500.00	Pass
11n (HT40)	CH151	36.50	500.00	Pass
11n (HT40)	CH159	36.50	500.00	Pass
11ac (VHT20)	CH149	17.90	500.00	Pass
11ac (VHT20)	CH157	17.80	500.00	Pass
11ac (VHT20)	CH165	17.80	500.00	Pass
11ac (VHT40)	CH151	36.50	500.00	Pass
11ac (VHT40)	CH159	36.50	500.00	Pass
11ac (VHT80)	CH155	76.50	500.00	Pass
11ax (HE20)(SU)	CH149	19.10	500.00	Pass
11ax (HE20)(SU)	CH157	19.20	500.00	Pass
11ax (HE20)(SU)	CH165	19.20	500.00	Pass
11ax (HE40)(SU)	CH151	38.20	500.00	Pass
11ax (HE40)(SU)	CH159	38.20	500.00	Pass
11ax (HE80)(SU)	CH155	78.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2540824-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-0.87	11.00	Pass
11a	CH44	-0.84	11.00	Pass
11a	CH48	-0.83	11.00	Pass
11n(HT20)	CH36	-0.91	11.00	Pass
11n(HT20)	CH44	-0.89	11.00	Pass
11n(HT20)	CH48	-0.80	11.00	Pass
11n(HT40)	CH38	-4.51	11.00	Pass
11n(HT40)	CH46	-3.72	11.00	Pass
11ac(VHT20)	CH36	-0.79	11.00	Pass
11ac(VHT20)	CH44	-1.56	11.00	Pass
11ac(VHT20)	CH48	-1.51	11.00	Pass
11ac(VHT40)	CH38	-3.88	11.00	Pass
11ac(VHT40)	CH46	-4.65	11.00	Pass
11ac(VHT80)	CH42	-7.12	11.00	Pass
11ax(HE20)(SU)	CH36	-1.26	11.00	Pass
11ax(HE20)(SU)	CH44	-1.85	11.00	Pass
11ax(HE20)(SU)	CH48	-1.03	11.00	Pass
11ax(HE40)(SU)	CH38	-3.97	11.00	Pass
11ax(HE40)(SU)	CH46	-4.97	11.00	Pass
11ax(HE80)(SU)	CH42	-7.12	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	-0.83	11.00	Pass
11a	CH60	-1.32	11.00	Pass
11a	CH64	-1.40	11.00	Pass
11n(HT20)	CH52	-0.82	11.00	Pass
11n(HT20)	CH60	-1.08	11.00	Pass
11n(HT20)	CH64	-1.07	11.00	Pass
11n(HT40)	CH54	-3.90	11.00	Pass
11n(HT40)	CH62	-4.13	11.00	Pass
11ac(VHT20)	CH52	-0.79	11.00	Pass
11ac(VHT20)	CH60	-1.00	11.00	Pass
11ac(VHT20)	CH64	-1.06	11.00	Pass
11ac(VHT40)	CH54	-3.91	11.00	Pass
11ac(VHT40)	CH62	-4.06	11.00	Pass
11ac(VHT80)	CH58	-7.24	11.00	Pass
11ax(HE20)(SU)	CH52	-1.43	11.00	Pass
11ax(HE20)(SU)	CH60	-1.40	11.00	Pass
11ax(HE20)(SU)	CH64	-1.34	11.00	Pass
11ax(HE40)(SU)	CH54	-4.05	11.00	Pass
11ax(HE40)(SU)	CH62	-4.49	11.00	Pass
11ax(HE80)(SU)	CH58	-7.25	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	-1.56	11.00	Pass
11a	CH116	-2.32	11.00	Pass
11a	CH140	-1.74	11.00	Pass
11n(HT20)	CH100	-2.72	11.00	Pass
11n(HT20)	CH116	-2.35	11.00	Pass
11n(HT20)	CH140	-2.28	11.00	Pass
11n(HT40)	CH102	-5.50	11.00	Pass
11n(HT40)	CH118	-5.50	11.00	Pass
11n(HT40)	CH134	-4.92	11.00	Pass
11ac(VHT20)	CH100	-2.52	11.00	Pass
11ac(VHT20)	CH116	-2.42	11.00	Pass
11ac(VHT20)	CH140	-2.22	11.00	Pass
11ac(VHT40)	CH102	-5.58	11.00	Pass
11ac(VHT40)	CH118	-5.39	11.00	Pass
11ac(VHT40)	CH134	-5.05	11.00	Pass
11ac(VHT80)	CH106	-8.90	11.00	Pass
11ac(VHT80)	CH122	-8.78	11.00	Pass
11ax(HE20)(SU)	CH100	-2.85	11.00	Pass
11ax(HE20)(SU)	CH116	-2.74	11.00	Pass
11ax(HE20)(SU)	CH140	-2.50	11.00	Pass
11ax(HE40)(SU)	CH102	-5.88	11.00	Pass
11ax(HE40)(SU)	CH118	-5.80	11.00	Pass
11ax(HE40)(SU)	CH134	-5.23	11.00	Pass
11ax(HE80)(SU)	CH106	-9.03	11.00	Pass
11ax(HE80)(SU)	CH122	-9.07	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH149	-4.00	30.00	Pass
11a	CH157	-4.45	30.00	Pass
11a	CH165	-4.12	30.00	Pass
11n(HT20)	CH149	-3.99	30.00	Pass
11n(HT20)	CH157	-4.65	30.00	Pass
11n(HT20)	CH165	-4.92	30.00	Pass
11n(HT40)	CH151	-7.16	30.00	Pass
11n(HT40)	CH159	-7.61	30.00	Pass
11ac(VHT20)	CH149	-4.05	30.00	Pass
11ac(VHT20)	CH157	-4.67	30.00	Pass
11ac(VHT20)	CH165	-5.00	30.00	Pass
11ac(VHT40)	CH151	-7.09	30.00	Pass
11ac(VHT40)	CH159	-7.66	30.00	Pass
11ac(VHT80)	CH155	-10.39	30.00	Pass
11ax(HE20)(SU)	CH149	-4.39	30.00	Pass
11ax(HE20)(SU)	CH157	-4.96	30.00	Pass
11ax(HE20)(SU)	CH165	-5.25	30.00	Pass
11ax(HE40)(SU)	CH151	-7.61	30.00	Pass
11ax(HE40)(SU)	CH159	-7.90	30.00	Pass
11ax(HE80)(SU)	CH155	-10.54	30.00	Pass

E.I.R.P PSD

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	-1.88	10.00	Pass
11a	CH44	-1.85	10.00	Pass
11a	CH48	-1.84	10.00	Pass
11n (HT20)	CH36	-1.92	10.00	Pass
11n (HT20)	CH44	-1.90	10.00	Pass
11n (HT20)	CH48	-1.81	10.00	Pass
11n (HT40)	CH38	-5.52	10.00	Pass
11n (HT40)	CH46	-4.73	10.00	Pass
11ac (VHT20)	CH36	-1.80	10.00	Pass
11ac (VHT20)	CH44	-2.57	10.00	Pass
11ac (VHT20)	CH48	-2.52	10.00	Pass
11ac (VHT40)	CH38	-4.89	10.00	Pass
11ac (VHT40)	CH46	-5.66	10.00	Pass
11ac (VHT80)	CH42	-8.13	10.00	Pass
11ax (HE20)(SU)	CH36	-2.27	10.00	Pass
11ax (HE20)(SU)	CH44	-2.86	10.00	Pass
11ax (HE20)(SU)	CH48	-2.04	10.00	Pass
11ax (HE40)(SU)	CH38	-4.98	10.00	Pass
11ax (HE40)(SU)	CH46	-5.98	10.00	Pass
11ax (HE80)(SU)	CH42	-8.13	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	-2.31	Pass
11a	CH60	-2.80	Pass
11a	CH64	-2.88	Pass
11n (HT20)	CH52	-2.30	Pass
11n (HT20)	CH60	-2.56	Pass
11n (HT20)	CH64	-2.55	Pass
11n (HT40)	CH54	-5.38	Pass
11n (HT40)	CH62	-5.61	Pass
11ac (VHT20)	CH52	-2.27	Pass
11ac (VHT20)	CH60	-2.48	Pass
11ac (VHT20)	CH64	-2.54	Pass
11ac (VHT40)	CH54	-5.39	Pass
11ac (VHT40)	CH62	-5.54	Pass
11ac (VHT80)	CH58	-8.72	Pass
11ax (HE20)(SU)	CH52	-2.91	Pass
11ax (HE20)(SU)	CH60	-2.88	Pass
11ax (HE20)(SU)	CH64	-2.82	Pass
11ax (HE40)(SU)	CH54	-5.53	Pass
11ax (HE40)(SU)	CH62	-5.97	Pass
11ax (HE80)(SU)	CH58	-8.73	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-1.45	Pass
11a	CH116	-2.21	Pass
11a	CH140	-1.63	Pass
11n (HT20)	CH100	-2.61	Pass
11n (HT20)	CH116	-2.24	Pass
11n (HT20)	CH140	-2.17	Pass
11n (HT40)	CH102	-5.39	Pass
11n (HT40)	CH118	-5.39	Pass
11n (HT40)	CH134	-4.81	Pass
11ac (VHT20)	CH100	-2.41	Pass
11ac (VHT20)	CH116	-2.31	Pass
11ac (VHT20)	CH140	-2.11	Pass
11ac (VHT40)	CH102	-5.47	Pass
11ac (VHT40)	CH118	-5.28	Pass
11ac (VHT40)	CH134	-4.94	Pass
11ac (VHT80)	CH106	-8.79	Pass
11ac (VHT80)	CH122	-8.67	Pass
11ax (HE20)(SU)	CH100	-2.74	Pass
11ax (HE20)(SU)	CH116	-2.63	Pass
11ax (HE20)(SU)	CH140	-2.39	Pass
11ax (HE40)(SU)	CH102	-5.77	Pass
11ax (HE40)(SU)	CH118	-5.69	Pass
11ax (HE40)(SU)	CH134	-5.12	Pass
11ax (HE80)(SU)	CH106	-8.92	Pass
11ax (HE80)(SU)	CH122	-8.96	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-4.19	Pass
11a	CH157	-4.64	Pass
11a	CH165	-4.31	Pass
11n (HT20)	CH149	-4.18	Pass
11n (HT20)	CH157	-4.84	Pass
11n (HT20)	CH165	-5.11	Pass
11n (HT40)	CH151	-7.35	Pass
11n (HT40)	CH159	-7.80	Pass
11ac (VHT20)	CH149	-4.24	Pass
11ac (VHT20)	CH157	-4.86	Pass
11ac (VHT20)	CH165	-5.19	Pass
11ac (VHT40)	CH151	-7.28	Pass
11ac (VHT40)	CH159	-7.85	Pass
11ac (VHT80)	CH155	-10.58	Pass
11ax (HE20)(SU)	CH149	-4.58	Pass
11ax (HE20)(SU)	CH157	-5.15	Pass
11ax (HE20)(SU)	CH165	-5.44	Pass
11ax (HE40)(SU)	CH151	-7.80	Pass
11ax (HE40)(SU)	CH159	-8.09	Pass
11ax (HE80)(SU)	CH155	-10.73	Pass

A.5 Conducted Emissions

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

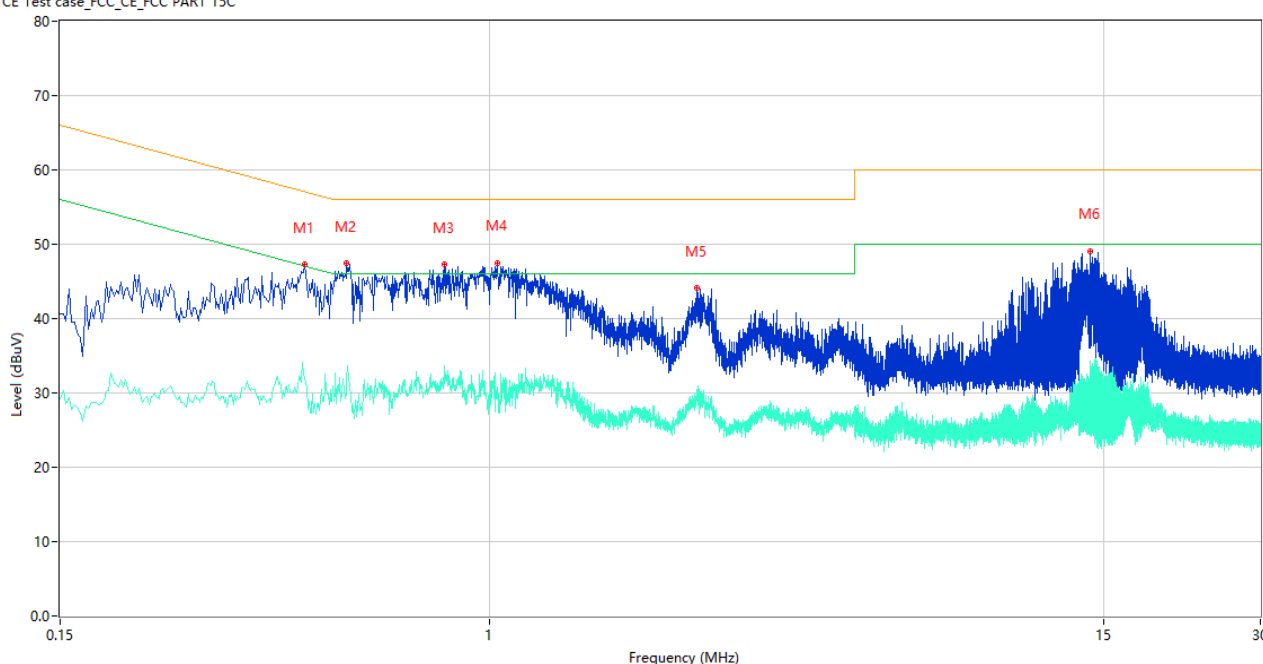
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

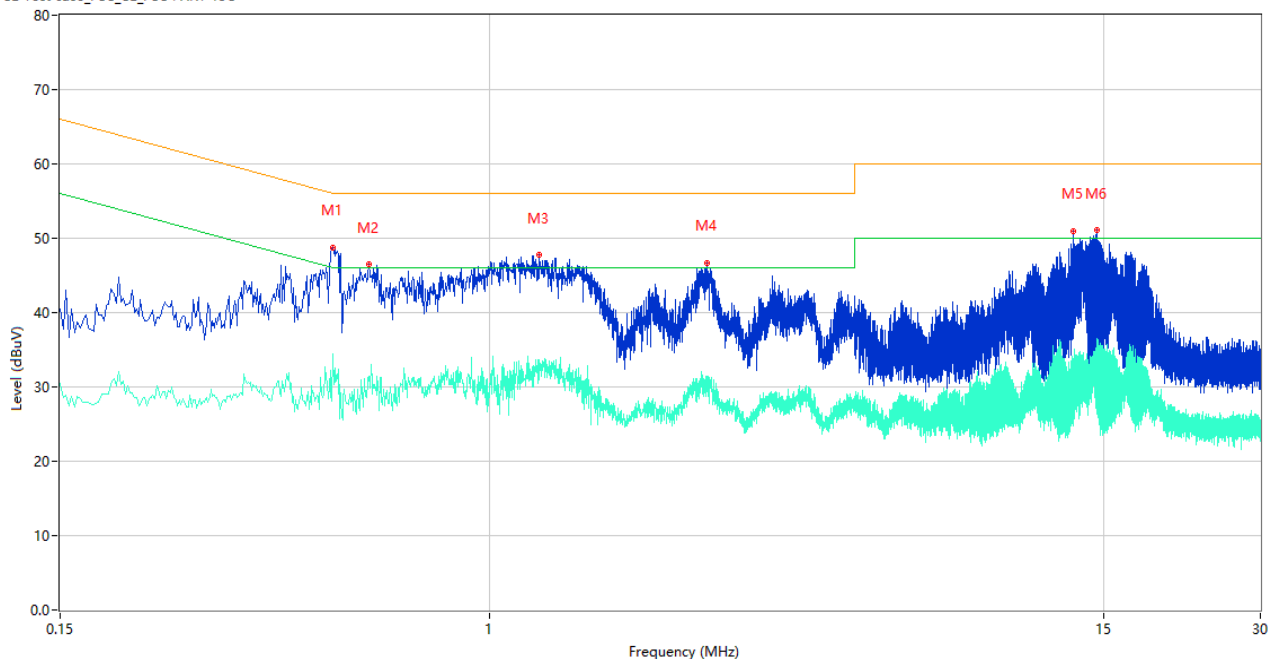
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.442	47.28	10.11	57.02	9.74	Peak	L	Pass
1**	0.442	32.23	10.11	47.02	14.79	AV	L	Pass
2	0.532	47.44	10.01	56.00	8.56	Peak	L	Pass
2**	0.532	31.68	10.01	46.00	14.32	AV	L	Pass
3	0.818	47.30	10.56	56.00	8.70	Peak	L	Pass
3**	0.818	31.32	10.56	46.00	14.68	AV	L	Pass
4	1.034	47.48	10.11	56.00	8.52	Peak	L	Pass
4**	1.034	29.17	10.11	46.00	16.83	AV	L	Pass
5	2.492	44.11	10.17	56.00	11.89	Peak	L	Pass
5**	2.492	29.45	10.17	46.00	16.55	AV	L	Pass
6	14.188	49.06	10.77	60.00	10.94	Peak	L	Pass
6**	14.188	32.19	10.77	50.00	17.81	AV	L	Pass
6**	8.838	31.42	10.45	50.00	18.58	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	0.500	48.75	9.98	56.00	7.25	Peak	N	Pass
1**	0.500	34.44	9.98	46.00	11.56	AV	N	Pass
2	0.586	46.44	10.13	56.00	9.56	Peak	N	Pass
2**	0.586	31.47	10.13	46.00	14.53	AV	N	Pass
3	1.242	47.72	10.37	56.00	8.28	Peak	N	Pass
3**	1.242	33.58	10.37	46.00	12.42	AV	N	Pass
4	2.602	46.69	9.73	56.00	9.31	Peak	N	Pass
4**	2.602	31.06	9.73	46.00	14.94	AV	N	Pass
5	13.146	50.99	10.62	60.00	9.01	Peak	N	Pass
5**	13.146	33.67	10.62	50.00	16.33	AV	N	Pass
6	14.596	51.06	10.56	60.00	8.94	Peak	N	Pass
6**	14.596	35.68	10.56	50.00	14.32	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.

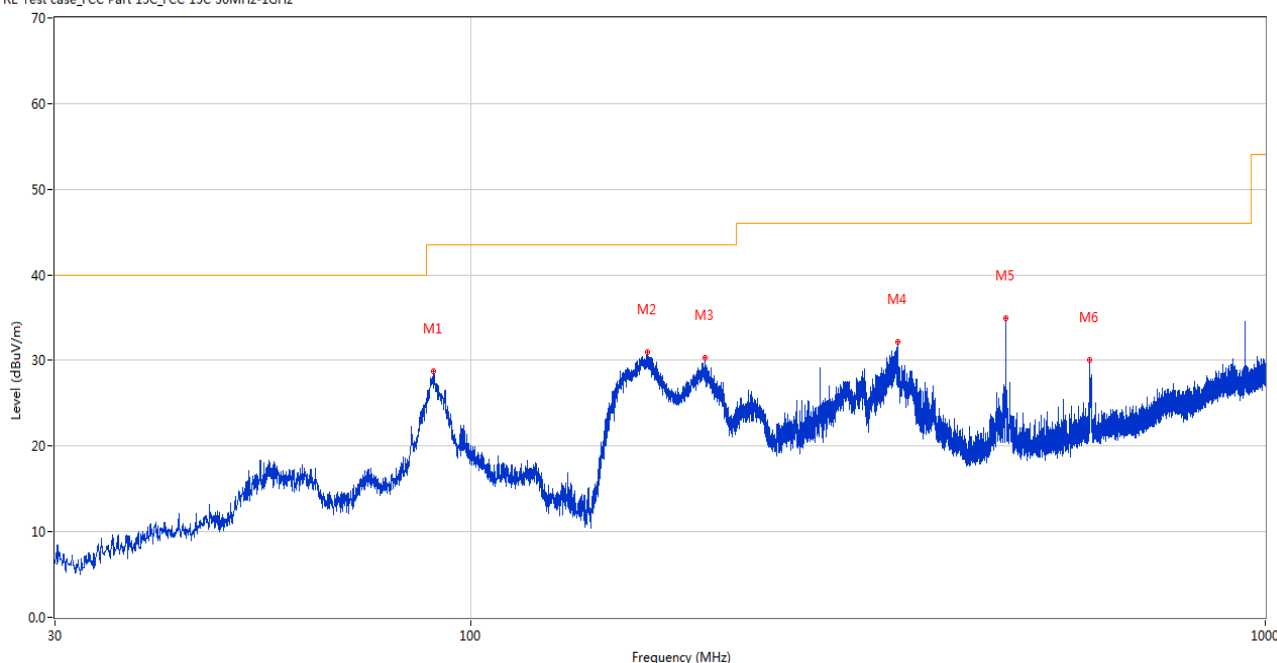
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

30 MHz to 1 GHz, ANT H

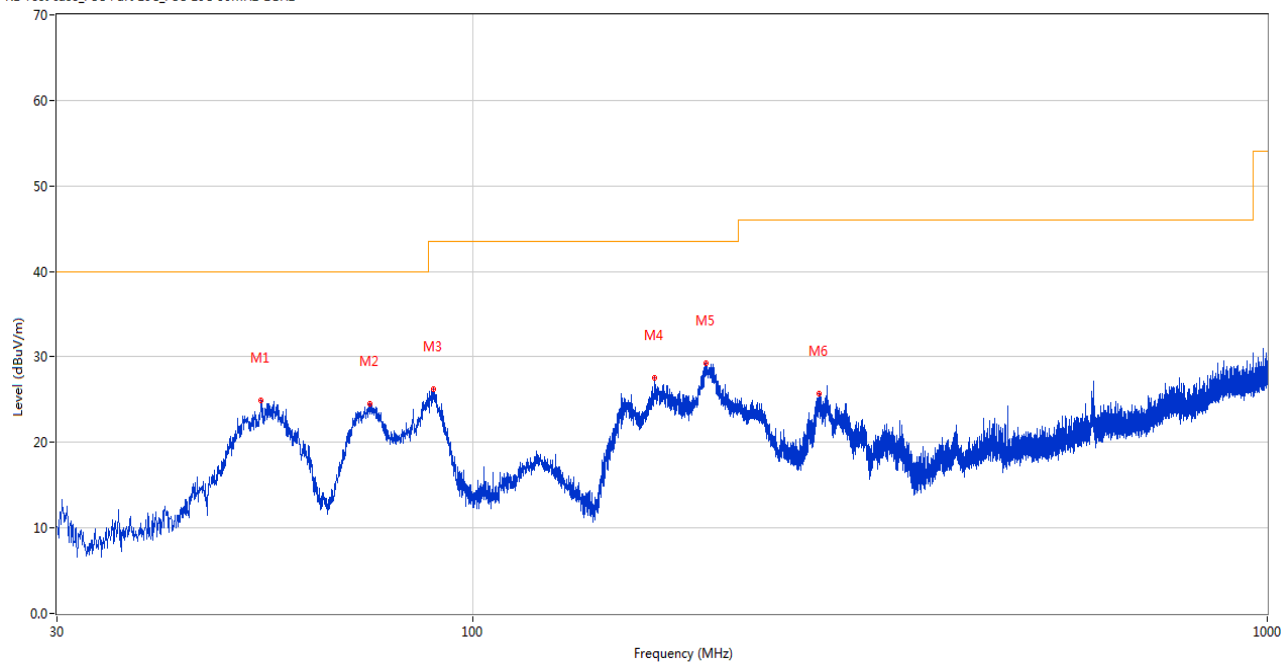
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	89.946	28.69	-28.71	43.5	14.81	Peak	137.40	200	Horizontal	Pass
2	166.770	30.95	-28.67	43.5	12.55	Peak	252.80	200	Horizontal	Pass
3	197.131	30.37	-25.54	43.5	13.13	Peak	111.50	100	Horizontal	Pass
4	344.620	32.12	-21.35	46.0	13.88	Peak	122.50	100	Horizontal	Pass
5	471.981	34.99	-19.00	46.0	11.01	Peak	98.20	200	Horizontal	Pass
6	600.845	30.12	-15.02	46.0	15.88	Peak	222.40	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.202	24.94	-24.87	40.0	15.06	Peak	165.50	100	Vertical	Pass
2	74.281	24.51	-30.62	40.0	15.49	Peak	18.70	100	Vertical	Pass
3	89.218	26.18	-28.98	43.5	17.32	Peak	354.20	100	Vertical	Pass
4	169.680	27.55	-28.40	43.5	15.95	Peak	136.90	100	Vertical	Pass
5	196.500	29.28	-25.62	43.5	14.22	Peak	54.40	100	Vertical	Pass
6	272.694	25.69	-23.73	46.0	20.31	Peak	132.50	100	Vertical	Pass

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

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	1514.382	38.58	74.0	35.42	Peak	34.00	200	Horizontal	Pass
1**	1514.382	31.52	54.0	22.48	AV	34.00	200	Horizontal	Pass
2	2349.442	46.58	74.0	27.42	Peak	352.00	300	Horizontal	Pass
2**	2349.442	39.30	54.0	14.70	AV	352.00	300	Horizontal	Pass
3	4206.587	46.36	74.0	27.64	Peak	159.00	200	Horizontal	Pass
3**	4206.587	36.27	54.0	17.73	AV	159.00	200	Horizontal	Pass
4	7436.502	56.35	74.0	17.65	Peak	322.00	400	Horizontal	Pass
4**	7436.502	42.82	54.0	11.18	AV	322.00	400	Horizontal	Pass
5	12514.634	57.17	74.0	16.83	Peak	186.00	400	Horizontal	Pass
5**	12514.634	47.81	54.0	6.19	AV	186.00	400	Horizontal	Pass
6	16148.636	54.87	74.0	19.13	Peak	59.00	200	Horizontal	Pass
6**	16148.636	43.67	54.0	10.33	AV	59.00	200	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	1570.844	38.19	74.0	35.81	Peak	278.00	400	Vertical	Pass
1**	1570.844	29.76	54.0	24.24	AV	278.00	400	Vertical	Pass
2	2346.265	44.46	74.0	29.54	Peak	283.00	300	Vertical	Pass
2**	2346.265	33.90	54.0	20.10	AV	283.00	300	Vertical	Pass
3	3913.449	43.25	74.0	30.75	Peak	17.00	200	Vertical	Pass
3**	3913.449	35.95	54.0	18.05	AV	17.00	200	Vertical	Pass
4	7682.005	50.95	74.0	23.05	Peak	8.00	400	Vertical	Pass
4**	7682.005	45.97	54.0	8.03	AV	8.00	400	Vertical	Pass
5	12528.350	57.66	74.0	16.34	Peak	75.00	200	Vertical	Pass
5**	12528.350	43.19	54.0	10.81	AV	75.00	200	Vertical	Pass
6	15379.113	54.83	74.0	19.17	Peak	162.00	400	Vertical	Pass
6**	15379.113	41.61	54.0	12.39	AV	162.00	400	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	1508.916	38.32	74.0	35.68	Peak	83.00	100	Horizontal	Pass
1**	1508.916	27.45	54.0	26.55	AV	83.00	100	Horizontal	Pass
2	2348.948	46.19	74.0	27.81	Peak	252.00	200	Horizontal	Pass
2**	2348.948	39.98	54.0	14.02	AV	252.00	200	Horizontal	Pass
3	4208.275	50.36	74.0	23.64	Peak	224.00	200	Horizontal	Pass
3**	4208.275	37.76	54.0	16.24	AV	224.00	200	Horizontal	Pass
4	7436.009	53.90	74.0	20.10	Peak	304.00	300	Horizontal	Pass
4**	7436.009	42.19	54.0	11.81	AV	304.00	300	Horizontal	Pass
5	12514.752	57.62	74.0	16.38	Peak	309.00	300	Horizontal	Pass
5**	12514.752	46.64	54.0	7.36	AV	309.00	300	Horizontal	Pass
6	16150.255	57.01	74.0	16.99	Peak	173.00	100	Horizontal	Pass
6**	16150.255	44.28	54.0	9.72	AV	173.00	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	1566.529	34.68	74.0	39.32	Peak	162.00	300	Vertical	Pass
1**	1566.529	24.48	54.0	29.52	AV	162.00	300	Vertical	Pass
2	2344.091	44.70	74.0	29.30	Peak	304.00	200	Vertical	Pass
2**	2344.091	34.65	54.0	19.35	AV	304.00	200	Vertical	Pass
3	3913.172	42.86	74.0	31.14	Peak	314.00	200	Vertical	Pass
3**	3913.172	33.59	54.0	20.41	AV	314.00	200	Vertical	Pass
4	7681.925	53.95	74.0	20.05	Peak	2.00	100	Vertical	Pass
4**	7681.925	44.35	54.0	9.65	AV	2.00	100	Vertical	Pass
5	12530.606	57.02	74.0	16.98	Peak	105.00	200	Vertical	Pass
5**	12530.606	44.83	54.0	9.17	AV	105.00	200	Vertical	Pass
6	15384.652	56.12	74.0	17.88	Peak	120.00	200	Vertical	Pass
6**	15384.652	44.24	54.0	9.76	AV	120.00	200	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	1510.350	37.15	74.0	36.85	Peak	17.00	200	Horizontal	Pass
1**	1510.350	29.34	54.0	24.66	AV	17.00	200	Horizontal	Pass
2	2346.849	42.53	74.0	31.47	Peak	269.00	200	Horizontal	Pass
2**	2346.849	38.93	54.0	15.07	AV	269.00	200	Horizontal	Pass
3	4207.549	45.04	74.0	28.96	Peak	327.00	200	Horizontal	Pass
3**	4207.549	40.82	54.0	13.18	AV	327.00	200	Horizontal	Pass
4	7436.750	56.79	74.0	17.21	Peak	106.00	200	Horizontal	Pass
4**	7436.750	43.19	54.0	10.81	AV	106.00	200	Horizontal	Pass
5	12521.574	54.82	74.0	19.18	Peak	106.00	100	Horizontal	Pass
5**	12521.574	45.64	54.0	8.36	AV	106.00	100	Horizontal	Pass
6	16148.217	55.74	74.0	18.26	Peak	312.00	200	Horizontal	Pass
6**	16148.217	43.17	54.0	10.83	AV	312.00	200	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	1570.633	33.79	74.0	40.21	Peak	159.00	200	Vertical	Pass
1**	1570.633	25.91	54.0	28.09	AV	159.00	200	Vertical	Pass
2	2346.203	43.54	74.0	30.46	Peak	161.00	300	Vertical	Pass
2**	2346.203	34.53	54.0	19.47	AV	161.00	300	Vertical	Pass
3	3916.107	45.74	74.0	28.26	Peak	165.00	200	Vertical	Pass
3**	3916.107	34.41	54.0	19.59	AV	165.00	200	Vertical	Pass
4	7680.145	52.18	74.0	21.82	Peak	15.00	400	Vertical	Pass
4**	7680.145	45.95	54.0	8.05	AV	15.00	400	Vertical	Pass
5	12532.243	54.05	74.0	19.95	Peak	56.00	100	Vertical	Pass
5**	12532.243	45.03	54.0	8.97	AV	56.00	100	Vertical	Pass
6	15380.557	53.82	74.0	20.18	Peak	354.00	100	Vertical	Pass
6**	15380.557	46.91	54.0	7.09	AV	354.00	100	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	1511.188	38.97	74.0	35.03	Peak	182.00	300	Horizontal	Pass
1**	1511.188	27.10	54.0	26.90	AV	182.00	300	Horizontal	Pass
2	2348.605	43.89	74.0	30.11	Peak	162.00	300	Horizontal	Pass
2**	2348.605	36.85	54.0	17.15	AV	162.00	300	Horizontal	Pass
3	4208.715	49.93	74.0	24.07	Peak	190.00	200	Horizontal	Pass
3**	4208.715	37.50	54.0	16.50	AV	190.00	200	Horizontal	Pass
4	7432.056	57.31	74.0	16.69	Peak	14.00	300	Horizontal	Pass
4**	7432.056	41.98	54.0	12.02	AV	14.00	300	Horizontal	Pass
5	12520.904	54.82	74.0	19.18	Peak	10.00	300	Horizontal	Pass
5**	12520.904	49.69	54.0	4.31	AV	10.00	300	Horizontal	Pass
6	16148.904	56.37	74.0	17.63	Peak	327.00	100	Horizontal	Pass
6**	16148.904	43.75	54.0	10.25	AV	327.00	100	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	1570.576	36.04	74.0	37.96	Peak	236.00	100	Vertical	Pass
1**	1570.576	29.31	54.0	24.69	AV	236.00	100	Vertical	Pass
2	2344.809	42.87	74.0	31.13	Peak	83.00	400	Vertical	Pass
2**	2344.809	33.97	54.0	20.03	AV	83.00	400	Vertical	Pass
3	3916.910	47.08	74.0	26.92	Peak	220.00	200	Vertical	Pass
3**	3916.910	37.36	54.0	16.64	AV	220.00	200	Vertical	Pass
4	7676.679	50.02	74.0	23.98	Peak	103.00	400	Vertical	Pass
4**	7676.679	43.87	54.0	10.13	AV	103.00	400	Vertical	Pass
5	12532.097	58.02	74.0	15.98	Peak	229.00	100	Vertical	Pass
5**	12532.097	39.77	54.0	14.23	AV	229.00	100	Vertical	Pass
6	15384.996	54.51	74.0	19.49	Peak	223.00	300	Vertical	Pass
6**	15384.996	47.49	54.0	6.51	AV	223.00	300	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	1510.154	40.45	74.0	33.55	Peak	338.00	400	Horizontal	Pass
1**	1510.154	31.26	54.0	22.74	AV	338.00	400	Horizontal	Pass
2	2347.395	46.29	74.0	27.71	Peak	334.00	300	Horizontal	Pass
2**	2347.395	34.71	54.0	19.29	AV	334.00	300	Horizontal	Pass
3	4204.777	46.87	74.0	27.13	Peak	68.00	200	Horizontal	Pass
3**	4204.777	40.18	54.0	13.82	AV	68.00	200	Horizontal	Pass
4	7433.790	55.18	74.0	18.82	Peak	130.00	300	Horizontal	Pass
4**	7433.790	41.51	54.0	12.49	AV	130.00	300	Horizontal	Pass
5	12520.197	52.84	74.0	21.16	Peak	19.00	300	Horizontal	Pass
5**	12520.197	47.42	54.0	6.58	AV	19.00	300	Horizontal	Pass
6	16146.827	56.64	74.0	17.36	Peak	8.00	300	Horizontal	Pass
6**	16146.827	43.62	54.0	10.38	AV	8.00	300	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	1570.097	36.64	74.0	37.36	Peak	340.00	100	Vertical	Pass
1**	1570.097	28.24	54.0	25.76	AV	340.00	100	Vertical	Pass
2	2343.459	44.31	74.0	29.69	Peak	122.00	100	Vertical	Pass
2**	2343.459	32.73	54.0	21.27	AV	122.00	100	Vertical	Pass
3	3920.798	44.75	74.0	29.25	Peak	146.00	200	Vertical	Pass
3**	3920.798	36.45	54.0	17.55	AV	146.00	200	Vertical	Pass
4	7676.931	52.62	74.0	21.38	Peak	46.00	200	Vertical	Pass
4**	7676.931	41.60	54.0	12.40	AV	46.00	200	Vertical	Pass
5	12528.078	58.75	74.0	15.25	Peak	358.00	100	Vertical	Pass
5**	12528.078	40.37	54.0	13.63	AV	358.00	100	Vertical	Pass
6	15379.745	56.02	74.0	17.98	Peak	335.00	300	Vertical	Pass
6**	15379.745	45.17	54.0	8.83	AV	335.00	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	1510.070	40.63	74.0	33.37	Peak	54.00	200	Horizontal	Pass
1**	1510.070	28.36	54.0	25.64	AV	54.00	200	Horizontal	Pass
2	2348.987	47.76	74.0	26.24	Peak	19.00	300	Horizontal	Pass
2**	2348.987	35.37	54.0	18.63	AV	19.00	300	Horizontal	Pass
3	4201.740	49.31	74.0	24.69	Peak	34.00	200	Horizontal	Pass
3**	4201.740	39.53	54.0	14.47	AV	34.00	200	Horizontal	Pass
4	7436.194	52.64	74.0	21.36	Peak	94.00	300	Horizontal	Pass
4**	7436.194	45.41	54.0	8.59	AV	94.00	300	Horizontal	Pass
5	12516.197	57.53	74.0	16.47	Peak	58.00	300	Horizontal	Pass
5**	12516.197	46.35	54.0	7.65	AV	58.00	300	Horizontal	Pass
6	16149.614	52.23	74.0	21.77	Peak	214.00	200	Horizontal	Pass
6**	16149.614	46.66	54.0	7.34	AV	214.00	200	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	1574.042	36.34	74.0	37.66	Peak	327.00	400	Vertical	Pass
1**	1574.042	26.31	54.0	27.69	AV	327.00	400	Vertical	Pass
2	2345.878	47.82	74.0	26.18	Peak	80.00	300	Vertical	Pass
2**	2345.878	33.29	54.0	20.71	AV	80.00	300	Vertical	Pass
3	3919.906	46.77	74.0	27.23	Peak	358.00	200	Vertical	Pass
3**	3919.906	36.62	54.0	17.38	AV	358.00	200	Vertical	Pass
4	7683.938	54.76	74.0	19.24	Peak	118.00	400	Vertical	Pass
4**	7683.938	43.31	54.0	10.69	AV	118.00	400	Vertical	Pass
5	12532.927	53.26	74.0	20.74	Peak	133.00	400	Vertical	Pass
5**	12532.927	42.49	54.0	11.51	AV	133.00	400	Vertical	Pass
6	15379.879	51.57	74.0	22.43	Peak	240.00	400	Vertical	Pass
6**	15379.879	44.83	54.0	9.17	AV	240.00	400	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	1515.076	40.93	74.0	33.07	Peak	122.00	100	Horizontal	Pass
1**	1515.076	27.54	54.0	26.46	AV	122.00	100	Horizontal	Pass
2	2352.439	43.06	74.0	30.94	Peak	285.00	200	Horizontal	Pass
2**	2352.439	38.79	54.0	15.21	AV	285.00	200	Horizontal	Pass
3	4201.483	45.18	74.0	28.82	Peak	130.00	200	Horizontal	Pass
3**	4201.483	35.64	54.0	18.36	AV	130.00	200	Horizontal	Pass
4	7433.779	51.78	74.0	22.22	Peak	178.00	200	Horizontal	Pass
4**	7433.779	40.69	54.0	13.31	AV	178.00	200	Horizontal	Pass
5	12517.243	58.37	74.0	15.63	Peak	325.00	200	Horizontal	Pass
5**	12517.243	44.50	54.0	9.50	AV	325.00	200	Horizontal	Pass
6	16149.604	56.55	74.0	17.45	Peak	282.00	200	Horizontal	Pass
6**	16149.604	41.05	54.0	12.95	AV	282.00	200	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	1569.485	38.52	74.0	35.48	Peak	187.00	100	Vertical	Pass
1**	1569.485	28.13	54.0	25.87	AV	187.00	100	Vertical	Pass
2	2350.361	43.66	74.0	30.34	Peak	177.00	300	Vertical	Pass
2**	2350.361	33.81	54.0	20.19	AV	177.00	300	Vertical	Pass
3	3917.617	45.83	74.0	28.17	Peak	257.00	200	Vertical	Pass
3**	3917.617	37.32	54.0	16.68	AV	257.00	200	Vertical	Pass
4	7679.391	51.67	74.0	22.33	Peak	131.00	200	Vertical	Pass
4**	7679.391	46.98	54.0	7.02	AV	131.00	200	Vertical	Pass
5	12528.951	56.46	74.0	17.54	Peak	349.00	400	Vertical	Pass
5**	12528.951	45.31	54.0	8.69	AV	349.00	400	Vertical	Pass
6	15378.337	51.57	74.0	22.43	Peak	264.00	200	Vertical	Pass
6**	15378.337	45.78	54.0	8.22	AV	264.00	200	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	1513.139	42.36	74.0	31.64	Peak	358.00	300	Horizontal	Pass
1**	1513.139	30.24	54.0	23.76	AV	358.00	300	Horizontal	Pass
2	2346.506	42.03	74.0	31.97	Peak	151.00	200	Horizontal	Pass
2**	2346.506	38.37	54.0	15.63	AV	151.00	200	Horizontal	Pass
3	4202.122	45.58	74.0	28.42	Peak	356.00	200	Horizontal	Pass
3**	4202.122	37.77	54.0	16.23	AV	356.00	200	Horizontal	Pass
4	7431.749	54.96	74.0	19.04	Peak	53.00	300	Horizontal	Pass
4**	7431.749	42.82	54.0	11.18	AV	53.00	300	Horizontal	Pass
5	12519.958	53.37	74.0	20.63	Peak	96.00	100	Horizontal	Pass
5**	12519.958	49.41	54.0	4.59	AV	96.00	100	Horizontal	Pass
6	16144.119	53.90	74.0	20.10	Peak	255.00	400	Horizontal	Pass
6**	16144.119	42.64	54.0	11.36	AV	255.00	400	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	1566.546	38.94	74.0	35.06	Peak	191.00	100	Vertical	Pass
1**	1566.546	24.37	54.0	29.63	AV	191.00	100	Vertical	Pass
2	2344.057	47.87	74.0	26.13	Peak	2.00	100	Vertical	Pass
2**	2344.057	33.00	54.0	21.00	AV	2.00	100	Vertical	Pass
3	3915.031	42.72	74.0	31.28	Peak	226.00	200	Vertical	Pass
3**	3915.031	34.20	54.0	19.80	AV	226.00	200	Vertical	Pass
4	7678.420	50.71	74.0	23.29	Peak	0.00	100	Vertical	Pass
4**	7678.420	44.56	54.0	9.44	AV	0.00	100	Vertical	Pass
5	12527.905	57.50	74.0	16.50	Peak	268.00	100	Vertical	Pass
5**	12527.905	43.28	54.0	10.72	AV	268.00	100	Vertical	Pass
6	15378.477	55.62	74.0	18.38	Peak	229.00	200	Vertical	Pass
6**	15378.477	46.88	54.0	7.12	AV	229.00	200	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	1509.270	41.58	74.0	32.42	Peak	177.00	300	Horizontal	Pass
1**	1509.270	29.93	54.0	24.07	AV	177.00	300	Horizontal	Pass
2	2347.418	46.57	74.0	27.43	Peak	179.00	200	Horizontal	Pass
2**	2347.418	35.55	54.0	18.45	AV	179.00	200	Horizontal	Pass
3	4206.980	46.03	74.0	27.97	Peak	21.00	200	Horizontal	Pass
3**	4206.980	36.99	54.0	17.01	AV	21.00	200	Horizontal	Pass
4	7436.490	56.83	74.0	17.17	Peak	163.00	400	Horizontal	Pass
4**	7436.490	41.55	54.0	12.45	AV	163.00	400	Horizontal	Pass
5	12515.159	53.84	74.0	20.16	Peak	209.00	400	Horizontal	Pass
5**	12515.159	49.58	54.0	4.42	AV	209.00	400	Horizontal	Pass
6	16146.243	57.33	74.0	16.67	Peak	309.00	100	Horizontal	Pass
6**	16146.243	40.82	54.0	13.18	AV	309.00	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	1566.790	35.01	74.0	38.99	Peak	104.00	400	Vertical	Pass
1**	1566.790	29.46	54.0	24.54	AV	104.00	400	Vertical	Pass
2	2348.076	44.79	74.0	29.21	Peak	138.00	300	Vertical	Pass
2**	2348.076	31.42	54.0	22.58	AV	138.00	300	Vertical	Pass
3	3914.203	42.97	74.0	31.03	Peak	10.00	200	Vertical	Pass
3**	3914.203	36.09	54.0	17.91	AV	10.00	200	Vertical	Pass
4	7684.040	53.17	74.0	20.83	Peak	328.00	200	Vertical	Pass
4**	7684.040	41.26	54.0	12.74	AV	328.00	200	Vertical	Pass
5	12531.781	58.05	74.0	15.95	Peak	337.00	300	Vertical	Pass
5**	12531.781	43.31	54.0	10.69	AV	337.00	300	Vertical	Pass
6	15380.334	54.13	74.0	19.87	Peak	240.00	300	Vertical	Pass
6**	15380.334	45.89	54.0	8.11	AV	240.00	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	1510.365	40.24	74.0	33.76	Peak	173.00	400	Horizontal	Pass
1**	1510.365	29.74	54.0	24.26	AV	173.00	400	Horizontal	Pass
2	2347.765	42.22	74.0	31.78	Peak	152.00	400	Horizontal	Pass
2**	2347.765	37.66	54.0	16.34	AV	152.00	400	Horizontal	Pass
3	4203.860	47.42	74.0	26.58	Peak	12.00	200	Horizontal	Pass
3**	4203.860	37.42	54.0	16.58	AV	12.00	200	Horizontal	Pass
4	7433.557	56.81	74.0	17.19	Peak	61.00	400	Horizontal	Pass
4**	7433.557	45.71	54.0	8.29	AV	61.00	400	Horizontal	Pass
5	12516.328	57.62	74.0	16.38	Peak	153.00	200	Horizontal	Pass
5**	12516.328	47.98	54.0	6.02	AV	153.00	200	Horizontal	Pass
6	16149.429	54.72	74.0	19.28	Peak	74.00	300	Horizontal	Pass
6**	16149.429	44.93	54.0	9.07	AV	74.00	300	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	1572.165	34.14	74.0	39.86	Peak	120.00	400	Vertical	Pass
1**	1572.165	28.58	54.0	25.42	AV	120.00	400	Vertical	Pass
2	2349.164	42.32	74.0	31.68	Peak	249.00	300	Vertical	Pass
2**	2349.164	30.60	54.0	23.40	AV	249.00	300	Vertical	Pass
3	3914.354	45.17	74.0	28.83	Peak	81.00	200	Vertical	Pass
3**	3914.354	35.96	54.0	18.04	AV	81.00	200	Vertical	Pass
4	7678.006	50.57	74.0	23.43	Peak	133.00	200	Vertical	Pass
4**	7678.006	45.73	54.0	8.27	AV	133.00	200	Vertical	Pass
5	12530.143	58.52	74.0	15.48	Peak	39.00	400	Vertical	Pass
5**	12530.143	44.48	54.0	9.52	AV	39.00	400	Vertical	Pass
6	15382.279	55.85	74.0	18.15	Peak	65.00	400	Vertical	Pass
6**	15382.279	43.67	54.0	10.33	AV	65.00	400	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	1509.357	41.57	74.0	32.43	Peak	160.00	100	Horizontal	Pass
1**	1509.357	30.87	54.0	23.13	AV	160.00	100	Horizontal	Pass
2	2347.164	45.50	74.0	28.50	Peak	3.00	200	Horizontal	Pass
2**	2347.164	38.07	54.0	15.93	AV	3.00	200	Horizontal	Pass
3	4206.736	48.01	74.0	25.99	Peak	126.00	200	Horizontal	Pass
3**	4206.736	36.19	54.0	17.81	AV	126.00	200	Horizontal	Pass
4	7432.878	52.13	74.0	21.87	Peak	224.00	200	Horizontal	Pass
4**	7432.878	42.94	54.0	11.06	AV	224.00	200	Horizontal	Pass
5	12520.640	52.70	74.0	21.30	Peak	322.00	100	Horizontal	Pass
5**	12520.640	47.88	54.0	6.12	AV	322.00	100	Horizontal	Pass
6	16148.135	53.65	74.0	20.35	Peak	89.00	400	Horizontal	Pass
6**	16148.135	41.03	54.0	12.97	AV	89.00	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	1569.897	36.29	74.0	37.71	Peak	148.00	400	Vertical	Pass
1**	1569.897	23.89	54.0	30.11	AV	148.00	400	Vertical	Pass
2	2348.431	45.67	74.0	28.33	Peak	286.00	200	Vertical	Pass
2**	2348.431	35.24	54.0	18.76	AV	286.00	200	Vertical	Pass
3	3919.305	42.76	74.0	31.24	Peak	25.00	200	Vertical	Pass
3**	3919.305	38.76	54.0	15.24	AV	25.00	200	Vertical	Pass
4	7678.173	54.21	74.0	19.79	Peak	113.00	400	Vertical	Pass
4**	7678.173	43.06	54.0	10.94	AV	113.00	400	Vertical	Pass
5	12525.867	57.91	74.0	16.09	Peak	228.00	300	Vertical	Pass
5**	12525.867	40.78	54.0	13.22	AV	228.00	300	Vertical	Pass
6	15383.038	53.91	74.0	20.09	Peak	73.00	300	Vertical	Pass
6**	15383.038	43.08	54.0	10.92	AV	73.00	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	1509.955	39.92	74.0	34.08	Peak	134.00	400	Horizontal	Pass
1**	1509.955	28.55	54.0	25.45	AV	134.00	400	Horizontal	Pass
2	2345.871	45.03	74.0	28.97	Peak	15.00	200	Horizontal	Pass
2**	2345.871	35.21	54.0	18.79	AV	15.00	200	Horizontal	Pass
3	4204.051	49.94	74.0	24.06	Peak	236.00	200	Horizontal	Pass
3**	4204.051	40.59	54.0	13.41	AV	236.00	200	Horizontal	Pass
4	7432.611	52.71	74.0	21.29	Peak	131.00	200	Horizontal	Pass
4**	7432.611	42.06	54.0	11.94	AV	131.00	200	Horizontal	Pass
5	12520.399	55.42	74.0	18.58	Peak	305.00	400	Horizontal	Pass
5**	12520.399	48.25	54.0	5.75	AV	305.00	400	Horizontal	Pass
6	16151.004	53.26	74.0	20.74	Peak	278.00	300	Horizontal	Pass
6**	16151.004	44.96	54.0	9.04	AV	278.00	300	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	1571.735	35.91	74.0	38.09	Peak	176.00	100	Vertical	Pass
1**	1571.735	24.95	54.0	29.05	AV	176.00	100	Vertical	Pass
2	2344.998	45.28	74.0	28.72	Peak	39.00	100	Vertical	Pass
2**	2344.998	33.14	54.0	20.86	AV	39.00	100	Vertical	Pass
3	3920.614	42.22	74.0	31.78	Peak	4.00	200	Vertical	Pass
3**	3920.614	37.29	54.0	16.71	AV	4.00	200	Vertical	Pass
4	7684.275	54.25	74.0	19.75	Peak	146.00	400	Vertical	Pass
4**	7684.275	43.70	54.0	10.30	AV	146.00	400	Vertical	Pass
5	12528.535	53.82	74.0	20.18	Peak	101.00	400	Vertical	Pass
5**	12528.535	41.63	54.0	12.37	AV	101.00	400	Vertical	Pass
6	15385.589	54.69	74.0	19.31	Peak	171.00	400	Vertical	Pass
6**	15385.589	46.02	54.0	7.98	AV	171.00	400	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	1515.142	37.75	74.0	36.25	Peak	90.00	200	Horizontal	Pass
1**	1515.142	27.83	54.0	26.17	AV	90.00	200	Horizontal	Pass
2	2349.817	46.80	74.0	27.20	Peak	298.00	100	Horizontal	Pass
2**	2349.817	35.78	54.0	18.22	AV	298.00	100	Horizontal	Pass
3	4209.349	45.02	74.0	28.98	Peak	224.00	200	Horizontal	Pass
3**	4209.349	37.93	54.0	16.07	AV	224.00	200	Horizontal	Pass
4	7437.498	51.89	74.0	22.11	Peak	152.00	200	Horizontal	Pass
4**	7437.498	39.96	54.0	14.04	AV	152.00	200	Horizontal	Pass
5	12516.619	53.50	74.0	20.50	Peak	180.00	300	Horizontal	Pass
5**	12516.619	46.97	54.0	7.03	AV	180.00	300	Horizontal	Pass
6	16143.500	53.84	74.0	20.16	Peak	63.00	300	Horizontal	Pass
6**	16143.500	40.82	54.0	13.18	AV	63.00	300	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	1569.517	34.23	74.0	39.77	Peak	216.00	300	Vertical	Pass
1**	1569.517	27.68	54.0	26.32	AV	216.00	300	Vertical	Pass
2	2349.076	44.25	74.0	29.75	Peak	201.00	400	Vertical	Pass
2**	2349.076	35.96	54.0	18.04	AV	201.00	400	Vertical	Pass
3	3915.213	47.33	74.0	26.67	Peak	80.00	200	Vertical	Pass
3**	3915.213	34.82	54.0	19.18	AV	80.00	200	Vertical	Pass
4	7679.460	49.94	74.0	24.06	Peak	175.00	100	Vertical	Pass
4**	7679.460	46.02	54.0	7.98	AV	175.00	100	Vertical	Pass
5	12526.691	57.94	74.0	16.06	Peak	314.00	200	Vertical	Pass
5**	12526.691	45.06	54.0	8.94	AV	314.00	200	Vertical	Pass
6	15385.334	51.18	74.0	22.82	Peak	141.00	400	Vertical	Pass
6**	15385.334	45.28	54.0	8.72	AV	141.00	400	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	1512.231	37.65	74.0	36.35	Peak	71.00	100	Horizontal	Pass
1**	1512.231	29.51	54.0	24.49	AV	71.00	100	Horizontal	Pass
2	2347.540	46.68	74.0	27.32	Peak	13.00	200	Horizontal	Pass
2**	2347.540	38.91	54.0	15.09	AV	13.00	200	Horizontal	Pass
3	4203.273	47.64	74.0	26.36	Peak	137.00	200	Horizontal	Pass
3**	4203.273	35.15	54.0	18.85	AV	137.00	200	Horizontal	Pass
4	7433.915	57.06	74.0	16.94	Peak	43.00	200	Horizontal	Pass
4**	7433.915	42.55	54.0	11.45	AV	43.00	200	Horizontal	Pass
5	12520.725	53.12	74.0	20.88	Peak	247.00	100	Horizontal	Pass
5**	12520.725	48.42	54.0	5.58	AV	247.00	100	Horizontal	Pass
6	16151.128	53.89	74.0	20.11	Peak	141.00	100	Horizontal	Pass
6**	16151.128	40.97	54.0	13.03	AV	141.00	100	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	1568.493	34.29	74.0	39.71	Peak	272.00	100	Vertical	Pass
1**	1568.493	24.70	54.0	29.30	AV	272.00	100	Vertical	Pass
2	2349.106	47.44	74.0	26.56	Peak	193.00	200	Vertical	Pass
2**	2349.106	34.13	54.0	19.87	AV	193.00	200	Vertical	Pass
3	3914.013	43.53	74.0	30.47	Peak	35.00	200	Vertical	Pass
3**	3914.013	37.17	54.0	16.83	AV	35.00	200	Vertical	Pass
4	7676.975	53.79	74.0	20.21	Peak	130.00	200	Vertical	Pass
4**	7676.975	45.67	54.0	8.33	AV	130.00	200	Vertical	Pass
5	12529.959	53.07	74.0	20.93	Peak	268.00	100	Vertical	Pass
5**	12529.959	41.92	54.0	12.08	AV	268.00	100	Vertical	Pass
6	15379.720	55.41	74.0	18.59	Peak	247.00	200	Vertical	Pass
6**	15379.720	45.74	54.0	8.26	AV	247.00	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	1511.188	42.01	74.0	31.99	Peak	284.00	100	Horizontal	Pass
1**	1511.188	31.59	54.0	22.41	AV	284.00	100	Horizontal	Pass
2	2345.235	47.65	74.0	26.35	Peak	47.00	300	Horizontal	Pass
2**	2345.235	34.67	54.0	19.33	AV	47.00	300	Horizontal	Pass
3	4204.788	49.94	74.0	24.06	Peak	260.00	200	Horizontal	Pass
3**	4204.788	36.40	54.0	17.60	AV	260.00	200	Horizontal	Pass
4	7434.199	51.82	74.0	22.18	Peak	267.00	200	Horizontal	Pass
4**	7434.199	40.46	54.0	13.54	AV	267.00	200	Horizontal	Pass
5	12519.515	56.38	74.0	17.62	Peak	136.00	400	Horizontal	Pass
5**	12519.515	46.52	54.0	7.48	AV	136.00	400	Horizontal	Pass
6	16148.978	57.33	74.0	16.67	Peak	220.00	200	Horizontal	Pass
6**	16148.978	42.14	54.0	11.86	AV	220.00	200	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	1571.276	35.08	74.0	38.92	Peak	347.00	300	Vertical	Pass
1**	1571.276	23.98	54.0	30.02	AV	347.00	300	Vertical	Pass
2	2348.007	44.07	74.0	29.93	Peak	231.00	400	Vertical	Pass
2**	2348.007	33.25	54.0	20.75	AV	231.00	400	Vertical	Pass
3	3918.331	47.59	74.0	26.41	Peak	164.00	200	Vertical	Pass
3**	3918.331	38.72	54.0	15.28	AV	164.00	200	Vertical	Pass
4	7684.246	54.11	74.0	19.89	Peak	311.00	200	Vertical	Pass
4**	7684.246	45.66	54.0	8.34	AV	311.00	200	Vertical	Pass
5	12526.270	58.42	74.0	15.58	Peak	20.00	400	Vertical	Pass
5**	12526.270	43.71	54.0	10.29	AV	20.00	400	Vertical	Pass
6	15378.981	50.83	74.0	23.17	Peak	346.00	300	Vertical	Pass
6**	15378.981	45.74	54.0	8.26	AV	346.00	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	1514.433	39.79	74.0	34.21	Peak	75.00	400	Horizontal	Pass
1**	1514.433	26.71	54.0	27.29	AV	75.00	400	Horizontal	Pass
2	2352.058	45.58	74.0	28.42	Peak	174.00	100	Horizontal	Pass
2**	2352.058	40.31	54.0	13.69	AV	174.00	100	Horizontal	Pass
3	4208.414	48.32	74.0	25.68	Peak	193.00	200	Horizontal	Pass
3**	4208.414	35.35	54.0	18.65	AV	193.00	200	Horizontal	Pass
4	7433.630	55.26	74.0	18.74	Peak	185.00	100	Horizontal	Pass
4**	7433.630	45.01	54.0	8.99	AV	185.00	100	Horizontal	Pass
5	12515.560	57.49	74.0	16.51	Peak	358.00	300	Horizontal	Pass
5**	12515.560	48.43	54.0	5.57	AV	358.00	300	Horizontal	Pass
6	16150.980	56.78	74.0	17.22	Peak	311.00	400	Horizontal	Pass
6**	16150.980	44.74	54.0	9.26	AV	311.00	400	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	1572.627	35.04	74.0	38.96	Peak	268.00	300	Vertical	Pass
1**	1572.627	29.52	54.0	24.48	AV	268.00	300	Vertical	Pass
2	2349.223	44.21	74.0	29.79	Peak	311.00	100	Vertical	Pass
2**	2349.223	31.22	54.0	22.78	AV	311.00	100	Vertical	Pass
3	3920.396	42.84	74.0	31.16	Peak	163.00	200	Vertical	Pass
3**	3920.396	36.51	54.0	17.49	AV	163.00	200	Vertical	Pass
4	7682.581	53.06	74.0	20.94	Peak	253.00	200	Vertical	Pass
4**	7682.581	44.56	54.0	9.44	AV	253.00	200	Vertical	Pass
5	12527.588	52.99	74.0	21.01	Peak	15.00	400	Vertical	Pass
5**	12527.588	43.22	54.0	10.78	AV	15.00	400	Vertical	Pass
6	15382.752	54.02	74.0	19.98	Peak	264.00	300	Vertical	Pass
6**	15382.752	42.67	54.0	11.33	AV	264.00	300	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	1511.739	42.62	74.0	31.38	Peak	225.00	100	Horizontal	Pass
1**	1511.739	30.99	54.0	23.01	AV	225.00	100	Horizontal	Pass
2	2349.492	43.37	74.0	30.63	Peak	246.00	200	Horizontal	Pass
2**	2349.492	35.22	54.0	18.78	AV	246.00	200	Horizontal	Pass
3	4208.289	45.37	74.0	28.63	Peak	265.00	200	Horizontal	Pass
3**	4208.289	36.26	54.0	17.74	AV	265.00	200	Horizontal	Pass
4	7430.969	54.96	74.0	19.04	Peak	331.00	100	Horizontal	Pass
4**	7430.969	43.28	54.0	10.72	AV	331.00	100	Horizontal	Pass
5	12515.895	56.71	74.0	17.29	Peak	150.00	100	Horizontal	Pass
5**	12515.895	49.57	54.0	4.43	AV	150.00	100	Horizontal	Pass
6	16143.571	52.63	74.0	21.37	Peak	328.00	100	Horizontal	Pass
6**	16143.571	41.60	54.0	12.40	AV	328.00	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	1573.472	35.24	74.0	38.76	Peak	121.00	200	Vertical	Pass
1**	1573.472	24.40	54.0	29.60	AV	121.00	200	Vertical	Pass
2	2350.474	44.79	74.0	29.21	Peak	274.00	200	Vertical	Pass
2**	2350.474	33.42	54.0	20.58	AV	274.00	200	Vertical	Pass
3	3913.336	44.64	74.0	29.36	Peak	71.00	200	Vertical	Pass
3**	3913.336	37.66	54.0	16.34	AV	71.00	200	Vertical	Pass
4	7679.257	52.74	74.0	21.26	Peak	51.00	300	Vertical	Pass
4**	7679.257	42.96	54.0	11.04	AV	51.00	300	Vertical	Pass
5	12527.942	56.63	74.0	17.37	Peak	144.00	200	Vertical	Pass
5**	12527.942	41.83	54.0	12.17	AV	144.00	200	Vertical	Pass
6	15382.806	55.54	74.0	18.46	Peak	331.00	400	Vertical	Pass
6**	15382.806	46.70	54.0	7.30	AV	331.00	400	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	1512.099	38.60	74.0	35.40	Peak	22.00	200	Horizontal	Pass
1**	1512.099	26.64	54.0	27.36	AV	22.00	200	Horizontal	Pass
2	2351.768	44.38	74.0	29.62	Peak	23.00	300	Horizontal	Pass
2**	2351.768	36.24	54.0	17.76	AV	23.00	300	Horizontal	Pass
3	4202.204	45.97	74.0	28.03	Peak	13.00	200	Horizontal	Pass
3**	4202.204	36.62	54.0	17.38	AV	13.00	200	Horizontal	Pass
4	7433.700	56.35	74.0	17.65	Peak	214.00	400	Horizontal	Pass
4**	7433.700	43.53	54.0	10.47	AV	214.00	400	Horizontal	Pass
5	12516.846	56.27	74.0	17.73	Peak	348.00	200	Horizontal	Pass
5**	12516.846	46.44	54.0	7.56	AV	348.00	200	Horizontal	Pass
6	16148.067	56.93	74.0	17.07	Peak	343.00	200	Horizontal	Pass
6**	16148.067	44.10	54.0	9.90	AV	343.00	200	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	1568.511	38.01	74.0	35.99	Peak	144.00	400	Vertical	Pass
1**	1568.511	24.19	54.0	29.81	AV	144.00	400	Vertical	Pass
2	2349.903	43.79	74.0	30.21	Peak	128.00	100	Vertical	Pass
2**	2349.903	30.53	54.0	23.47	AV	128.00	100	Vertical	Pass
3	3915.895	47.56	74.0	26.44	Peak	339.00	200	Vertical	Pass
3**	3915.895	36.29	54.0	17.71	AV	339.00	200	Vertical	Pass
4	7676.670	52.55	74.0	21.45	Peak	150.00	100	Vertical	Pass
4**	7676.670	44.65	54.0	9.35	AV	150.00	100	Vertical	Pass
5	12529.040	57.22	74.0	16.78	Peak	22.00	300	Vertical	Pass
5**	12529.040	43.93	54.0	10.07	AV	22.00	300	Vertical	Pass
6	15380.062	50.19	74.0	23.81	Peak	233.00	400	Vertical	Pass
6**	15380.062	43.75	54.0	10.25	AV	233.00	400	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	1509.802	38.39	74.0	35.61	Peak	356.00	200	Horizontal	Pass
1**	1509.802	32.19	54.0	21.81	AV	356.00	200	Horizontal	Pass
2	2346.106	45.39	74.0	28.61	Peak	8.00	300	Horizontal	Pass
2**	2346.106	38.57	54.0	15.43	AV	8.00	300	Horizontal	Pass
3	4208.608	49.22	74.0	24.78	Peak	104.00	200	Horizontal	Pass
3**	4208.608	39.38	54.0	14.62	AV	104.00	200	Horizontal	Pass
4	7437.200	53.68	74.0	20.32	Peak	218.00	200	Horizontal	Pass
4**	7437.200	41.21	54.0	12.79	AV	218.00	200	Horizontal	Pass
5	12517.987	55.11	74.0	18.89	Peak	210.00	300	Horizontal	Pass
5**	12517.987	49.69	54.0	4.31	AV	210.00	300	Horizontal	Pass
6	16143.552	51.98	74.0	22.02	Peak	43.00	100	Horizontal	Pass
6**	16143.552	41.30	54.0	12.70	AV	43.00	100	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	1573.449	33.55	74.0	40.45	Peak	137.00	200	Vertical	Pass
1**	1573.449	24.10	54.0	29.90	AV	137.00	200	Vertical	Pass
2	2348.021	42.12	74.0	31.88	Peak	215.00	200	Vertical	Pass
2**	2348.021	33.21	54.0	20.79	AV	215.00	200	Vertical	Pass
3	3918.672	45.75	74.0	28.25	Peak	168.00	200	Vertical	Pass
3**	3918.672	37.18	54.0	16.82	AV	168.00	200	Vertical	Pass
4	7680.420	50.17	74.0	23.83	Peak	286.00	400	Vertical	Pass
4**	7680.420	46.51	54.0	7.49	AV	286.00	400	Vertical	Pass
5	12528.520	53.94	74.0	20.06	Peak	250.00	400	Vertical	Pass
5**	12528.520	41.39	54.0	12.61	AV	250.00	400	Vertical	Pass
6	15383.953	54.50	74.0	19.50	Peak	75.00	200	Vertical	Pass
6**	15383.953	46.96	54.0	7.04	AV	75.00	200	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	1509.366	40.00	74.0	34.00	Peak	189.00	300	Horizontal	Pass
1**	1509.366	28.68	54.0	25.32	AV	189.00	300	Horizontal	Pass
2	2345.986	44.20	74.0	29.80	Peak	229.00	100	Horizontal	Pass
2**	2345.986	36.04	54.0	17.96	AV	229.00	100	Horizontal	Pass
3	4203.578	50.66	74.0	23.34	Peak	201.00	200	Horizontal	Pass
3**	4203.578	35.28	54.0	18.72	AV	201.00	200	Horizontal	Pass
4	7431.756	54.40	74.0	19.60	Peak	177.00	400	Horizontal	Pass
4**	7431.756	42.96	54.0	11.04	AV	177.00	400	Horizontal	Pass
5	12516.623	56.60	74.0	17.40	Peak	95.00	400	Horizontal	Pass
5**	12516.623	46.80	54.0	7.20	AV	95.00	400	Horizontal	Pass
6	16144.794	51.84	74.0	22.16	Peak	55.00	300	Horizontal	Pass
6**	16144.794	46.00	54.0	8.00	AV	55.00	300	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	1571.717	38.35	74.0	35.65	Peak	109.00	400	Vertical	Pass
1**	1571.717	27.50	54.0	26.50	AV	109.00	400	Vertical	Pass
2	2348.365	47.03	74.0	26.97	Peak	33.00	300	Vertical	Pass
2**	2348.365	31.34	54.0	22.66	AV	33.00	300	Vertical	Pass
3	3918.753	44.06	74.0	29.94	Peak	102.00	200	Vertical	Pass
3**	3918.753	38.90	54.0	15.10	AV	102.00	200	Vertical	Pass
4	7676.588	53.32	74.0	20.68	Peak	161.00	100	Vertical	Pass
4**	7676.588	43.81	54.0	10.19	AV	161.00	100	Vertical	Pass
5	12529.622	57.29	74.0	16.71	Peak	230.00	200	Vertical	Pass
5**	12529.622	41.80	54.0	12.20	AV	230.00	200	Vertical	Pass
6	15384.391	50.20	74.0	23.80	Peak	37.00	300	Vertical	Pass
6**	15384.391	41.70	54.0	12.30	AV	37.00	300	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	1525.263	38.70	74.0	35.30	Peak	274.00	200	Horizontal	Pass
1**	1525.263	26.46	54.0	27.54	AV	274.00	200	Horizontal	Pass
2	2273.869	46.06	74.0	27.94	Peak	61.00	300	Horizontal	Pass
2**	2273.869	35.20	54.0	18.80	AV	61.00	300	Horizontal	Pass
3	4047.460	44.51	74.0	29.49	Peak	124.00	200	Horizontal	Pass
3**	4047.460	35.81	54.0	18.19	AV	124.00	200	Horizontal	Pass
4	7619.164	50.30	74.0	23.70	Peak	318.00	400	Horizontal	Pass
4**	7619.164	43.62	54.0	10.38	AV	318.00	400	Horizontal	Pass
5	12456.225	50.87	74.0	23.13	Peak	15.00	300	Horizontal	Pass
5**	12456.225	42.47	54.0	11.53	AV	15.00	300	Horizontal	Pass
6	15905.305	52.70	74.0	21.30	Peak	294.00	100	Horizontal	Pass
6**	15905.305	45.81	54.0	8.19	AV	294.00	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	1528.270	41.33	74.0	32.67	Peak	342.00	100	Vertical	Pass
1**	1528.270	28.47	54.0	25.53	AV	342.00	100	Vertical	Pass
2	2336.088	47.32	74.0	26.68	Peak	82.00	100	Vertical	Pass
2**	2336.088	37.71	54.0	16.29	AV	82.00	100	Vertical	Pass
3	4901.326	50.06	74.0	23.94	Peak	217.00	200	Vertical	Pass
3**	4901.326	40.76	54.0	13.24	AV	217.00	200	Vertical	Pass
4	7326.329	53.06	74.0	20.94	Peak	271.00	300	Vertical	Pass
4**	7326.329	46.01	54.0	7.99	AV	271.00	300	Vertical	Pass
5	12482.897	50.54	74.0	23.46	Peak	229.00	300	Vertical	Pass
5**	12482.897	41.84	54.0	12.16	AV	229.00	300	Vertical	Pass
6	15689.501	53.33	74.0	20.67	Peak	325.00	400	Vertical	Pass
6**	15689.501	44.44	54.0	9.56	AV	325.00	400	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	1523.289	36.62	74.0	37.38	Peak	111.00	400	Horizontal	Pass
1**	1523.289	26.57	54.0	27.43	AV	111.00	400	Horizontal	Pass
2	2278.146	41.24	74.0	32.76	Peak	88.00	100	Horizontal	Pass
2**	2278.146	34.93	54.0	19.07	AV	88.00	100	Horizontal	Pass
3	4050.152	45.26	74.0	28.74	Peak	32.00	200	Horizontal	Pass
3**	4050.152	36.27	54.0	17.73	AV	32.00	200	Horizontal	Pass
4	7616.711	53.14	74.0	20.86	Peak	4.00	400	Horizontal	Pass
4**	7616.711	42.75	54.0	11.25	AV	4.00	400	Horizontal	Pass
5	12455.366	50.87	74.0	23.13	Peak	69.00	100	Horizontal	Pass
5**	12455.366	45.40	54.0	8.60	AV	69.00	100	Horizontal	Pass
6	15902.752	51.69	74.0	22.31	Peak	122.00	300	Horizontal	Pass
6**	15902.752	42.94	54.0	11.06	AV	122.00	300	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	1526.562	35.82	74.0	38.18	Peak	66.00	200	Vertical	Pass
1**	1526.562	29.66	54.0	24.34	AV	66.00	200	Vertical	Pass
2	2333.515	44.88	74.0	29.12	Peak	291.00	400	Vertical	Pass
2**	2333.515	32.83	54.0	21.17	AV	291.00	400	Vertical	Pass
3	4896.502	48.68	74.0	25.32	Peak	197.00	200	Vertical	Pass
3**	4896.502	41.96	54.0	12.04	AV	197.00	200	Vertical	Pass
4	7331.036	53.79	74.0	20.21	Peak	61.00	100	Vertical	Pass
4**	7331.036	44.22	54.0	9.78	AV	61.00	100	Vertical	Pass
5	12486.640	52.54	74.0	21.46	Peak	8.00	400	Vertical	Pass
5**	12486.640	41.52	54.0	12.48	AV	8.00	400	Vertical	Pass
6	15694.710	53.60	74.0	20.40	Peak	235.00	300	Vertical	Pass
6**	15694.710	45.87	54.0	8.13	AV	235.00	300	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	1522.613	39.04	74.0	34.96	Peak	0.00	100	Horizontal	Pass
1**	1522.613	27.68	54.0	26.32	AV	0.00	100	Horizontal	Pass
2	2278.835	44.60	74.0	29.40	Peak	331.00	100	Horizontal	Pass
2**	2278.835	32.93	54.0	21.07	AV	331.00	100	Horizontal	Pass
3	4048.368	48.34	74.0	25.66	Peak	232.00	200	Horizontal	Pass
3**	4048.368	35.90	54.0	18.10	AV	232.00	200	Horizontal	Pass
4	7616.658	55.73	74.0	18.27	Peak	34.00	100	Horizontal	Pass
4**	7616.658	43.11	54.0	10.89	AV	34.00	100	Horizontal	Pass
5	12455.584	53.32	74.0	20.68	Peak	350.00	400	Horizontal	Pass
5**	12455.584	41.46	54.0	12.54	AV	350.00	400	Horizontal	Pass
6	15902.756	52.44	74.0	21.56	Peak	131.00	200	Horizontal	Pass
6**	15902.756	46.74	54.0	7.26	AV	131.00	200	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	1532.352	38.16	74.0	35.84	Peak	175.00	300	Vertical	Pass
1**	1532.352	29.35	54.0	24.65	AV	175.00	300	Vertical	Pass
2	2333.756	42.75	74.0	31.25	Peak	37.00	100	Vertical	Pass
2**	2333.756	34.18	54.0	19.82	AV	37.00	100	Vertical	Pass
3	4898.223	49.23	74.0	24.77	Peak	341.00	200	Vertical	Pass
3**	4898.223	38.44	54.0	15.56	AV	341.00	200	Vertical	Pass
4	7323.308	52.41	74.0	21.59	Peak	100.00	100	Vertical	Pass
4**	7323.308	45.45	54.0	8.55	AV	100.00	100	Vertical	Pass
5	12488.768	51.18	74.0	22.82	Peak	85.00	300	Vertical	Pass
5**	12488.768	43.32	54.0	10.68	AV	85.00	300	Vertical	Pass
6	15691.141	54.03	74.0	19.97	Peak	199.00	300	Vertical	Pass
6**	15691.141	45.14	54.0	8.86	AV	199.00	300	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	1525.296	40.30	74.0	33.70	Peak	336.00	200	Horizontal	Pass
1**	1525.296	26.46	54.0	27.54	AV	336.00	200	Horizontal	Pass
2	2271.177	41.60	74.0	32.40	Peak	158.00	400	Horizontal	Pass
2**	2271.177	35.61	54.0	18.39	AV	158.00	400	Horizontal	Pass
3	4050.142	48.30	74.0	25.70	Peak	196.00	200	Horizontal	Pass
3**	4050.142	37.73	54.0	16.27	AV	196.00	200	Horizontal	Pass
4	7622.681	53.36	74.0	20.64	Peak	319.00	300	Horizontal	Pass
4**	7622.681	40.51	54.0	13.49	AV	319.00	300	Horizontal	Pass
5	12456.582	50.68	74.0	23.32	Peak	125.00	300	Horizontal	Pass
5**	12456.582	44.85	54.0	9.15	AV	125.00	300	Horizontal	Pass
6	15900.854	51.02	74.0	22.98	Peak	347.00	400	Horizontal	Pass
6**	15900.854	42.43	54.0	11.57	AV	347.00	400	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	1527.413	39.81	74.0	34.19	Peak	76.00	200	Vertical	Pass
1**	1527.413	31.20	54.0	22.80	AV	76.00	200	Vertical	Pass
2	2331.878	46.66	74.0	27.34	Peak	28.00	200	Vertical	Pass
2**	2331.878	34.20	54.0	19.80	AV	28.00	200	Vertical	Pass
3	4897.115	48.69	74.0	25.31	Peak	316.00	200	Vertical	Pass
3**	4897.115	37.42	54.0	16.58	AV	316.00	200	Vertical	Pass
4	7328.821	53.16	74.0	20.84	Peak	334.00	100	Vertical	Pass
4**	7328.821	40.88	54.0	13.12	AV	334.00	100	Vertical	Pass
5	12486.885	54.73	74.0	19.27	Peak	348.00	100	Vertical	Pass
5**	12486.885	45.15	54.0	8.85	AV	348.00	100	Vertical	Pass
6	15689.511	51.35	74.0	22.65	Peak	248.00	100	Vertical	Pass
6**	15689.511	44.26	54.0	9.74	AV	248.00	100	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	1522.392	41.41	74.0	32.59	Peak	293.00	400	Horizontal	Pass
1**	1522.392	27.04	54.0	26.96	AV	293.00	400	Horizontal	Pass
2	2275.871	46.77	74.0	27.23	Peak	263.00	100	Horizontal	Pass
2**	2275.871	31.44	54.0	22.56	AV	263.00	100	Horizontal	Pass
3	4048.590	45.12	74.0	28.88	Peak	73.00	200	Horizontal	Pass
3**	4048.590	34.55	54.0	19.45	AV	73.00	200	Horizontal	Pass
4	7624.252	53.83	74.0	20.17	Peak	233.00	100	Horizontal	Pass
4**	7624.252	41.64	54.0	12.36	AV	233.00	100	Horizontal	Pass
5	12458.154	52.18	74.0	21.82	Peak	278.00	300	Horizontal	Pass
5**	12458.154	42.33	54.0	11.67	AV	278.00	300	Horizontal	Pass
6	15906.291	54.91	74.0	19.09	Peak	213.00	400	Horizontal	Pass
6**	15906.291	45.53	54.0	8.47	AV	213.00	400	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	1526.470	36.77	74.0	37.23	Peak	271.00	400	Vertical	Pass
1**	1526.470	29.59	54.0	24.41	AV	271.00	400	Vertical	Pass
2	2338.340	46.51	74.0	27.49	Peak	229.00	100	Vertical	Pass
2**	2338.340	33.69	54.0	20.31	AV	229.00	100	Vertical	Pass
3	4899.827	49.92	74.0	24.08	Peak	253.00	200	Vertical	Pass
3**	4899.827	42.44	54.0	11.56	AV	253.00	200	Vertical	Pass
4	7327.708	51.67	74.0	22.33	Peak	163.00	200	Vertical	Pass
4**	7327.708	42.07	54.0	11.93	AV	163.00	200	Vertical	Pass
5	12490.035	52.98	74.0	21.02	Peak	160.00	300	Vertical	Pass
5**	12490.035	44.57	54.0	9.43	AV	160.00	300	Vertical	Pass
6	15688.951	52.94	74.0	21.06	Peak	136.00	100	Vertical	Pass
6**	15688.951	44.28	54.0	9.72	AV	136.00	100	Vertical	Pass

11n20, 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	1527.788	41.46	74.0	32.54	Peak	134.00	200	Horizontal	Pass
1**	1527.788	26.32	54.0	27.68	AV	134.00	200	Horizontal	Pass
2	2277.589	45.03	74.0	28.97	Peak	318.00	400	Horizontal	Pass
2**	2277.589	37.20	54.0	16.80	AV	318.00	400	Horizontal	Pass
3	4049.239	47.51	74.0	26.49	Peak	233.00	200	Horizontal	Pass
3**	4049.239	34.65	54.0	19.35	AV	233.00	200	Horizontal	Pass
4	7619.352	54.22	74.0	19.78	Peak	76.00	300	Horizontal	Pass
4**	7619.352	43.53	54.0	10.47	AV	76.00	300	Horizontal	Pass
5	12456.045	52.63	74.0	21.37	Peak	307.00	100	Horizontal	Pass
5**	12456.045	46.25	54.0	7.75	AV	307.00	100	Horizontal	Pass
6	15905.438	53.33	74.0	20.67	Peak	93.00	400	Horizontal	Pass
6**	15905.438	46.11	54.0	7.89	AV	93.00	400	Horizontal	Pass

11n20, 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	1527.561	38.96	74.0	35.04	Peak	148.00	300	Vertical	Pass
1**	1527.561	25.73	54.0	28.27	AV	148.00	300	Vertical	Pass
2	2336.869	47.08	74.0	26.92	Peak	34.00	300	Vertical	Pass
2**	2336.869	33.73	54.0	20.27	AV	34.00	300	Vertical	Pass
3	4897.617	47.81	74.0	26.19	Peak	71.00	200	Vertical	Pass
3**	4897.617	39.10	54.0	14.90	AV	71.00	200	Vertical	Pass
4	7327.058	55.76	74.0	18.24	Peak	186.00	400	Vertical	Pass
4**	7327.058	44.90	54.0	9.10	AV	186.00	400	Vertical	Pass
5	12487.247	50.63	74.0	23.37	Peak	58.00	400	Vertical	Pass
5**	12487.247	45.27	54.0	8.73	AV	58.00	400	Vertical	Pass
6	15688.951	52.71	74.0	21.29	Peak	203.00	400	Vertical	Pass
6**	15688.951	44.64	54.0	9.36	AV	203.00	400	Vertical	Pass