

TEST REPORT

Applicant: Seerslab Co., Ltd.
Address: 2nd Floor, 315 Gangnam-daero, Seocho-gu, Seoul,
South Korea
Equipment Type: AI Smart Glasses
Model Name: Alnoon_G1A
Brand Name: Alnoon
FCC ID: 2BSEU- AINOONG1
ISED Number: 34635-AINOONG1
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 4
(refer to section 3.1)
Sample Arrival Date: Sep. 16, 2025
Test Date: Sep. 28, 2025 - Nov. 06, 2025
Date of Issue: Dec. 08, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie zhu**Checked by:** Ye Hongji**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Dec. 08, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Contact Address	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
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
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
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	Seerslab Co., Ltd.
Address	2nd Floor, 315 Gangnam-daero, Seocho-gu, Seoul, South Korea

2.2 Manufacturer Information

Manufacturer	Guangzhou Shixiang Technology Co., Ltd.
Address	Room 803, Building 1, No. 6, Yunpu 4th Road, Huangpu District, Guangzhou

2.3 General Description for Equipment under Test (EUT)

EUT Name	AI Smart Glasses
Model Name Under Test	Alnoon_G1A
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	AN01-2508-A10001
Hardware Version	C25343
Software Version	V1.1.9
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(HT20/40) and 802.11ac(VHT20/40/80)
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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
Modulation Type	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
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz, 160MHz
Maximum Output Power	U-NII-1: 12.08 mW U-NII-2A: 13.18 mW U-NII-2C: 11.91 mW U-NII-3: 9.16 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 4.40 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.92 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.55 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.70 dBi
About the Product	The equipment is AI Smart Glasses, intended for used with information technology equipment.

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				

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)

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)

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)

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
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
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
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
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
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

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 4	Digital Transmission Systems, Frequency Hopping Systems and Licence Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2020 + Corrigendum 1-2023 + Amendment a-2024	American National Standard of Procedures for Compliance Testing of 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	48% to 59%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.9℃ to +25.3℃
Working Voltage of the EUT	NV (Normal Voltage)	3.89V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Spectrum Analyzer	R&S	FSV40	101544	2024.12.16	2025.12.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	N/A	2024.05.15	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2025.04.01	2026.03.31
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04

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%

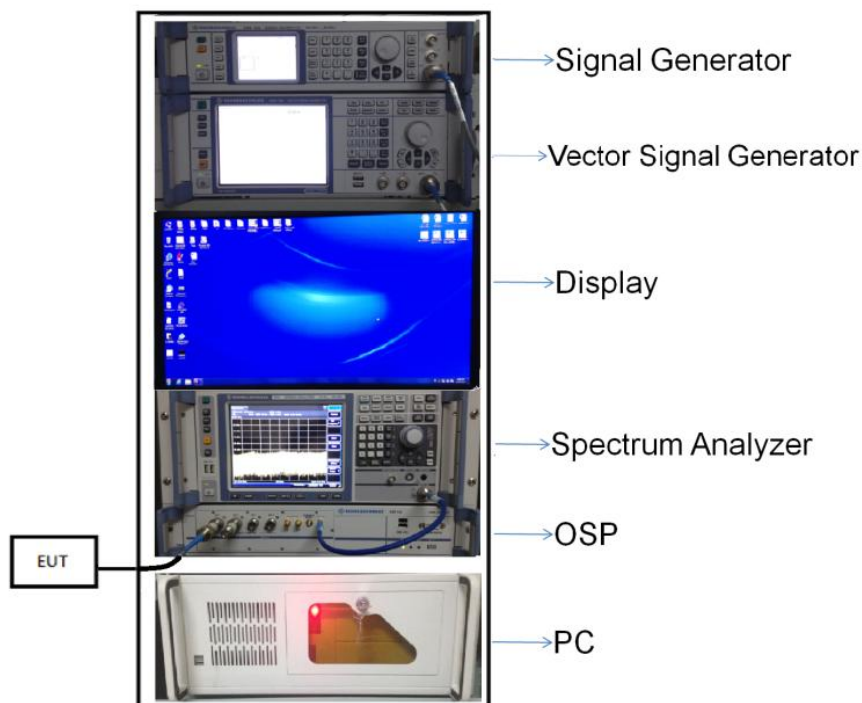
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

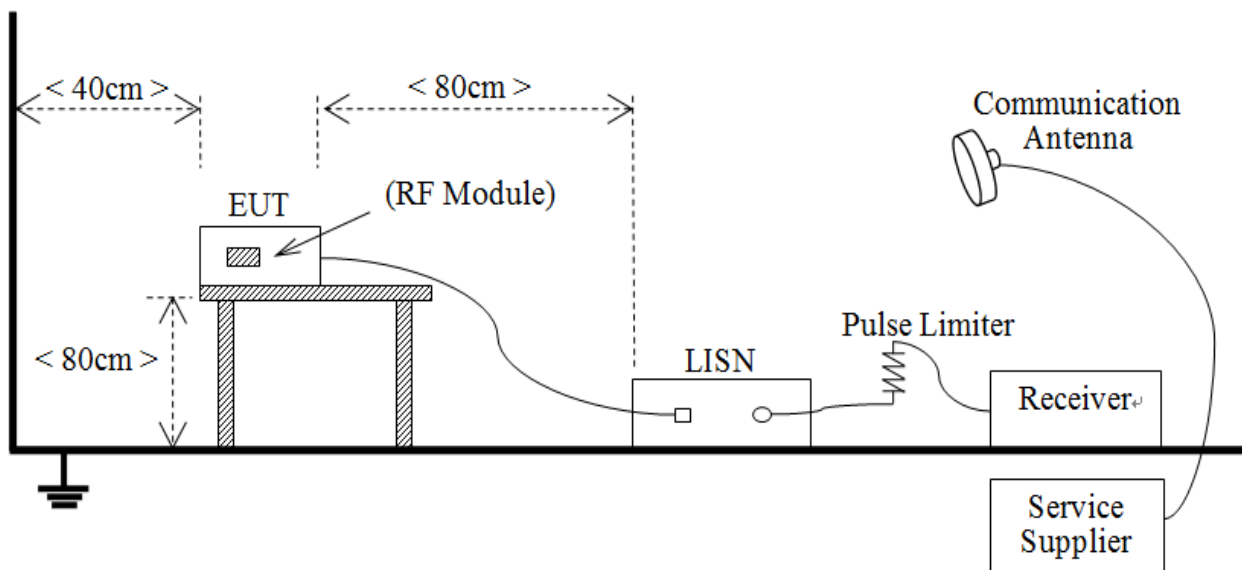
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



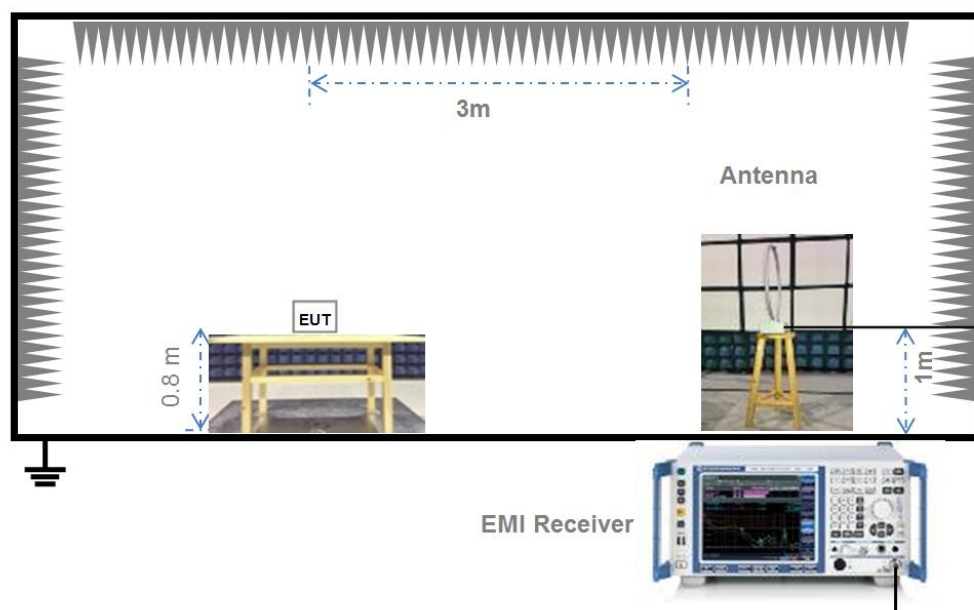
(Diagram 1)

4.5.2 For AC Power Supply Port Test



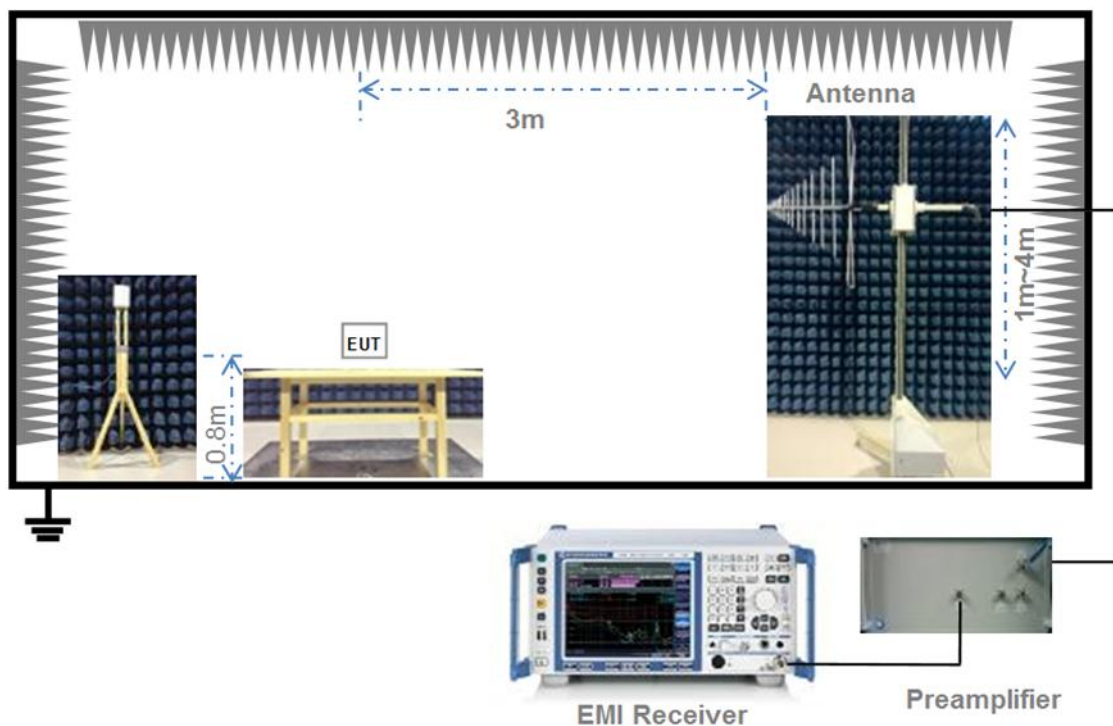
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



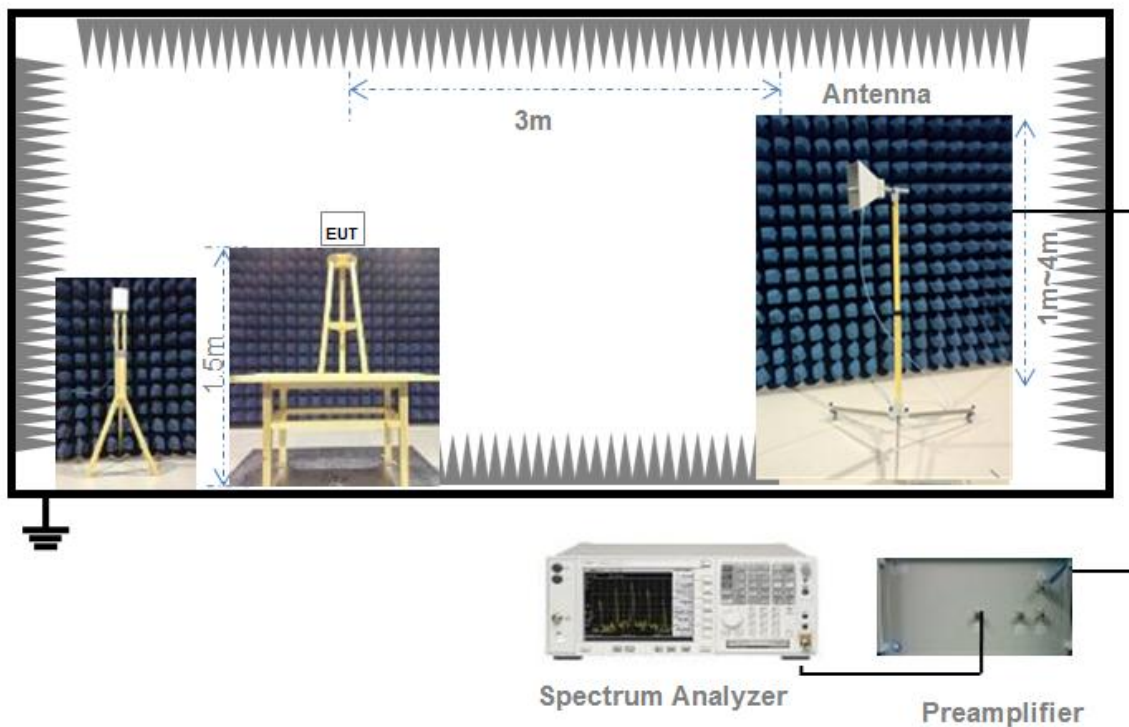
(Diagram 3)

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 C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

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 C63.10 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)

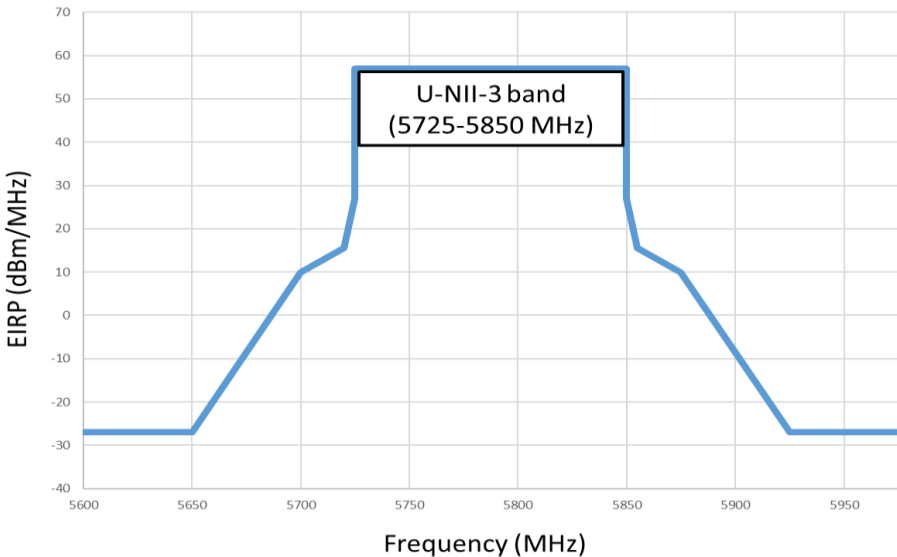
5.5.1 Limit

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	1.39	1.45	96.00%	0.18
11n(HT20)/11ac(VHT20)	1.32	1.37	95.99%	0.18
11n(HT40)/11ac(VHT40)	0.65	0.70	92.40%	0.34
11ac(VHT80)	0.32	0.38	85.54%	0.68

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	10.47	11.14	250	Pass
11a	CH44	10.50	11.22	250	Pass
11a	CH48	9.94	9.86	250	Pass
11n(HT20)	CH36	10.68	11.69	250	Pass
11n(HT20)	CH44	10.82	12.08	250	Pass
11n(HT20)	CH48	10.18	10.42	250	Pass
11n(HT40)	CH38	9.20	8.32	250	Pass
11n(HT40)	CH46	9.74	9.42	250	Pass
11ac(VHT20)	CH36	9.84	9.64	250	Pass
11ac(VHT20)	CH44	10.66	11.64	250	Pass
11ac(VHT20)	CH48	10.16	10.38	250	Pass
11ac(VHT40)	CH38	9.90	9.77	250	Pass
11ac(VHT40)	CH46	10.19	10.45	250	Pass
11ac(VHT80)	CH42	10.18	10.42	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	10.51	11.25	250	210	Pass
11a	CH60	10.85	12.16	250	210	Pass
11a	CH64	10.68	11.69	250	210	Pass
11n(HT20)	CH52	10.86	12.19	250	222	Pass
11n(HT20)	CH60	11.17	13.09	250	222	Pass
11n(HT20)	CH64	11.06	12.76	250	223	Pass
11n(HT40)	CH54	10.73	11.83	250	250	Pass
11n(HT40)	CH62	10.81	12.05	250	250	Pass
11ac(VHT20)	CH52	10.89	12.27	250	223	Pass
11ac(VHT20)	CH60	11.20	13.18	250	222	Pass
11ac(VHT20)	CH64	11.09	12.85	250	223	Pass
11ac(VHT40)	CH54	10.72	11.80	250	250	Pass
11ac(VHT40)	CH62	10.86	12.19	250	250	Pass
11ac(VHT80)	CH58	11.13	12.97	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	9.76	9.46	250	210	Pass
11a	CH116	9.69	9.31	250	209	Pass
11a	CH140	8.50	7.08	250	210	Pass
11n(HT20)	CH100	10.14	10.33	250	223	Pass
11n(HT20)	CH116	10.11	10.26	250	222	Pass
11n(HT20)	CH140	8.94	7.83	250	223	Pass
11n(HT40)	CH102	9.67	9.27	250	250	Pass
11n(HT40)	CH118	9.84	9.64	250	250	Pass
11n(HT40)	CH134	9.02	7.98	250	250	Pass
11ac(VHT20)	CH100	10.19	10.45	250	222	Pass
11ac(VHT20)	CH116	10.25	10.59	250	223	Pass
11ac(VHT20)	CH140	9.05	8.04	250	222	Pass
11ac(VHT40)	CH102	9.72	9.38	250	250	Pass
11ac(VHT40)	CH118	9.88	9.73	250	250	Pass
11ac(VHT40)	CH134	9.09	8.11	250	250	Pass
11ac(VHT80)	CH106	10.76	11.91	250	250	Pass
11ac(VHT80)	CH122	10.17	10.40	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	9.46	8.83	1000	Pass
11a	CH157	9.55	9.02	1000	Pass
11a	CH165	8.63	7.29	1000	Pass
11n(HT20)	CH149	9.62	9.16	1000	Pass
11n(HT20)	CH157	9.41	8.73	1000	Pass
11n(HT20)	CH165	8.97	7.89	1000	Pass
11n(HT40)	CH151	8.87	7.71	1000	Pass
11n(HT40)	CH159	8.94	7.83	1000	Pass
11ac(VHT20)	CH149	9.60	9.12	1000	Pass
11ac(VHT20)	CH157	9.40	8.71	1000	Pass
11ac(VHT20)	CH165	8.93	7.82	1000	Pass
11ac(VHT40)	CH151	8.89	7.74	1000	Pass
11ac(VHT40)	CH159	8.98	7.91	1000	Pass
11ac(VHT80)	CH155	9.07	8.07	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	14.87	30.69	166	Pass
11a	CH44	14.90	30.90	167	Pass
11a	CH48	14.34	27.16	166	Pass
11n(HT20)	CH36	15.08	32.21	177	Pass
11n(HT20)	CH44	15.22	33.27	177	Pass
11n(HT20)	CH48	14.58	28.71	177	Pass
11n(HT40)	CH38	13.60	22.91	200	Pass
11n(HT40)	CH46	14.14	25.94	200	Pass
11ac(VHT20)	CH36	14.24	26.55	177	Pass
11ac(VHT20)	CH44	15.06	32.06	177	Pass
11ac(VHT20)	CH48	14.56	28.58	177	Pass
11ac(VHT40)	CH38	14.30	26.92	200	Pass
11ac(VHT40)	CH46	14.59	28.77	200	Pass
11ac(VHT80)	CH42	14.58	28.71	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	15.43	34.91	836	Pass
11a	CH60	15.77	37.76	836	Pass
11a	CH64	15.60	36.31	835	Pass
11n(HT20)	CH52	15.78	37.84	886	Pass
11n(HT20)	CH60	16.09	40.64	885	Pass
11n(HT20)	CH64	15.98	39.63	887	Pass
11n(HT40)	CH54	15.65	36.73	1000	Pass
11n(HT40)	CH62	15.73	37.41	1000	Pass
11ac(VHT20)	CH52	15.81	38.11	886	Pass
11ac(VHT20)	CH60	16.12	40.93	886	Pass
11ac(VHT20)	CH64	16.01	39.90	887	Pass
11ac(VHT40)	CH54	15.64	36.64	1000	Pass
11ac(VHT40)	CH62	15.78	37.84	1000	Pass
11ac(VHT80)	CH58	16.05	40.27	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	14.31	26.98	836	Pass
11a	CH116	14.24	26.55	834	Pass
11a	CH140	13.05	20.18	835	Pass
11n(HT20)	CH100	14.69	29.44	886	Pass
11n(HT20)	CH116	14.66	29.24	885	Pass
11n(HT20)	CH140	13.49	22.34	886	Pass
11n(HT40)	CH102	14.22	26.42	1000	Pass
11n(HT40)	CH118	14.39	27.48	1000	Pass
11n(HT40)	CH134	13.57	22.75	1000	Pass
11ac(VHT20)	CH100	14.74	29.79	885	Pass
11ac(VHT20)	CH116	14.80	30.20	886	Pass
11ac(VHT20)	CH140	13.60	22.91	886	Pass
11ac(VHT40)	CH102	14.27	26.73	1000	Pass
11ac(VHT40)	CH118	14.43	27.73	1000	Pass
11ac(VHT40)	CH134	13.64	23.12	1000	Pass
11ac(VHT80)	CH106	15.31	33.96	1000	Pass
11ac(VHT80)	CH122	14.72	29.65	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.16	26.06	Pass
11a	CH157	14.25	26.61	Pass
11a	CH165	13.33	21.53	Pass
11n(HT20)	CH149	14.32	27.04	Pass
11n(HT20)	CH157	14.11	25.76	Pass
11n(HT20)	CH165	13.67	23.28	Pass
11n(HT40)	CH151	13.57	22.75	Pass
11n(HT40)	CH159	13.64	23.12	Pass
11ac(VHT20)	CH149	14.30	26.92	Pass
11ac(VHT20)	CH157	14.10	25.70	Pass
11ac(VHT20)	CH165	13.63	23.07	Pass
11ac(VHT40)	CH151	13.59	22.86	Pass
11ac(VHT40)	CH159	13.68	23.33	Pass
11ac(VHT80)	CH155	13.77	23.82	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2590777-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	28.57	16.65
11a	CH44	29.89	16.66
11a	CH48	25.68	16.65
11n(HT20)	CH36	31.77	17.70
11n(HT20)	CH44	31.19	17.66
11n(HT20)	CH48	31.18	17.68
11n(HT40)	CH38	52.45	36.31
11n(HT40)	CH46	52.44	36.27
11ac(VHT20)	CH36	32.59	17.69
11ac(VHT20)	CH44	30.48	17.69
11ac(VHT20)	CH48	30.44	17.67
11ac(VHT40)	CH38	52.53	36.31
11ac(VHT40)	CH46	53.49	36.32
11ac(VHT80)	CH42	83.45	75.57

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	28.92	16.68
11a	CH60	27.78	16.68
11a	CH64	28.55	16.66
11n(HT20)	CH52	30.45	17.67
11n(HT20)	CH60	30.97	17.66
11n(HT20)	CH64	32.81	17.69
11n(HT40)	CH54	52.39	36.30
11n(HT40)	CH62	52.52	36.31
11ac(VHT20)	CH52	32.32	17.68
11ac(VHT20)	CH60	32.50	17.67
11ac(VHT20)	CH64	31.34	17.71
11ac(VHT40)	CH54	53.64	36.28
11ac(VHT40)	CH62	52.45	36.33
11ac(VHT80)	CH58	86.21	75.70

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	28.90	16.68
11a	CH116	28.36	16.64
11a	CH140	28.03	16.65
11n(HT20)	CH100	31.53	17.68
11n(HT20)	CH116	30.07	17.65
11n(HT20)	CH140	32.85	17.69
11n(HT40)	CH102	53.80	36.30
11n(HT40)	CH118	52.04	36.15
11n(HT40)	CH134	52.56	36.39
11ac(VHT20)	CH100	31.28	17.65
11ac(VHT20)	CH116	31.85	17.68
11ac(VHT20)	CH140	31.97	17.67
11ac(VHT40)	CH102	52.60	36.31
11ac(VHT40)	CH118	47.09	36.18
11ac(VHT40)	CH134	53.64	36.33
11ac(VHT80)	CH106	85.49	75.64
11ac(VHT80)	CH122	85.19	75.60

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	28.52	16.65
11a	CH157	28.61	16.66
11a	CH165	28.31	16.64
11n(HT20)	CH149	32.82	17.67
11n(HT20)	CH157	31.42	17.68
11n(HT20)	CH165	31.57	17.67
11n(HT40)	CH151	53.28	36.30
11n(HT40)	CH159	53.75	36.28
11ac(VHT20)	CH149	31.87	17.68
11ac(VHT20)	CH157	30.99	17.69
11ac(VHT20)	CH165	30.85	17.67
11ac(VHT40)	CH151	53.80	36.31
11ac(VHT40)	CH159	52.87	36.28
11ac(VHT80)	CH155	84.13	75.60

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2590777-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	17.80	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	17.80	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	36.40	500.00	Pass
11ac(VHT80)	CH155	75.60	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2590777-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-1.12	11.00	Pass
11a	CH44	-1.28	11.00	Pass
11a	CH48	-1.81	11.00	Pass
11n(HT20)	CH36	-1.08	11.00	Pass
11n(HT20)	CH44	-1.13	11.00	Pass
11n(HT20)	CH48	-2.14	11.00	Pass
11n(HT40)	CH38	-5.92	11.00	Pass
11n(HT40)	CH46	-5.15	11.00	Pass
11ac(VHT20)	CH36	-1.83	11.00	Pass
11ac(VHT20)	CH44	-1.31	11.00	Pass
11ac(VHT20)	CH48	-1.79	11.00	Pass
11ac(VHT40)	CH38	-4.99	11.00	Pass
11ac(VHT40)	CH46	-4.62	11.00	Pass
11ac(VHT80)	CH42	-8.14	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	-1.23	11.00	Pass
11a	CH60	-0.90	11.00	Pass
11a	CH64	-1.23	11.00	Pass
11n(HT20)	CH52	-1.09	11.00	Pass
11n(HT20)	CH60	-0.90	11.00	Pass
11n(HT20)	CH64	-1.02	11.00	Pass
11n(HT40)	CH54	-4.16	11.00	Pass
11n(HT40)	CH62	-4.17	11.00	Pass
11ac(VHT20)	CH52	-1.05	11.00	Pass
11ac(VHT20)	CH60	-0.85	11.00	Pass
11ac(VHT20)	CH64	-0.95	11.00	Pass
11ac(VHT40)	CH54	-4.11	11.00	Pass
11ac(VHT40)	CH62	-4.08	11.00	Pass
11ac(VHT80)	CH58	-7.25	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	-1.95	11.00	Pass
11a	CH116	-2.09	11.00	Pass
11a	CH140	-3.06	11.00	Pass
11n(HT20)	CH100	-1.71	11.00	Pass
11n(HT20)	CH116	-1.84	11.00	Pass
11n(HT20)	CH140	-2.95	11.00	Pass
11n(HT40)	CH102	-5.01	11.00	Pass
11n(HT40)	CH118	-5.09	11.00	Pass
11n(HT40)	CH134	-6.07	11.00	Pass
11ac(VHT20)	CH100	-1.68	11.00	Pass
11ac(VHT20)	CH116	-1.77	11.00	Pass
11ac(VHT20)	CH140	-2.81	11.00	Pass
11ac(VHT40)	CH102	-5.03	11.00	Pass
11ac(VHT40)	CH118	-5.03	11.00	Pass
11ac(VHT40)	CH134	-5.94	11.00	Pass
11ac(VHT80)	CH106	-7.85	11.00	Pass
11ac(VHT80)	CH122	-8.03	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-5.04	30.00	Pass
11a	CH157	-5.03	30.00	Pass
11a	CH165	-5.94	30.00	Pass
11n(HT20)	CH149	-5.25	30.00	Pass
11n(HT20)	CH157	-5.34	30.00	Pass
11n(HT20)	CH165	-5.84	30.00	Pass
11n(HT40)	CH151	-9.08	30.00	Pass
11n(HT40)	CH159	-8.56	30.00	Pass
11ac(VHT20)	CH149	-5.22	30.00	Pass
11ac(VHT20)	CH157	-5.45	30.00	Pass
11ac(VHT20)	CH165	-5.85	30.00	Pass
11ac(VHT40)	CH151	-8.98	30.00	Pass
11ac(VHT40)	CH159	-8.66	30.00	Pass
11ac(VHT80)	CH155	-12.02	30.00	Pass

E.I.R.P

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	3.29	10.00	Pass
11a	CH44	3.12	10.00	Pass
11a	CH48	2.59	10.00	Pass
11n(HT20)	CH36	3.32	10.00	Pass
11n(HT20)	CH44	3.28	10.00	Pass
11n(HT20)	CH48	2.26	10.00	Pass
11n(HT40)	CH38	-1.52	10.00	Pass
11n(HT40)	CH46	-0.74	10.00	Pass
11ac(VHT20)	CH36	2.57	10.00	Pass
11ac(VHT20)	CH44	3.10	10.00	Pass
11ac(VHT20)	CH48	2.61	10.00	Pass
11ac(VHT40)	CH38	-0.59	10.00	Pass
11ac(VHT40)	CH46	-0.22	10.00	Pass
11ac(VHT80)	CH42	-3.74	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	3.69	Pass
11a	CH60	4.03	Pass
11a	CH64	3.69	Pass
11n(HT20)	CH52	3.83	Pass
11n(HT20)	CH60	4.02	Pass
11n(HT20)	CH64	3.90	Pass
11n(HT40)	CH54	0.77	Pass
11n(HT40)	CH62	0.75	Pass
11ac(VHT20)	CH52	3.87	Pass
11ac(VHT20)	CH60	4.07	Pass
11ac(VHT20)	CH64	3.97	Pass
11ac(VHT40)	CH54	0.81	Pass
11ac(VHT40)	CH62	0.85	Pass
11ac(VHT80)	CH58	-2.33	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	2.60	Pass
11a	CH116	2.46	Pass
11a	CH140	1.49	Pass
11n(HT20)	CH100	2.84	Pass
11n(HT20)	CH116	2.71	Pass
11n(HT20)	CH140	1.60	Pass
11n(HT40)	CH102	-0.46	Pass
11n(HT40)	CH118	-0.54	Pass
11n(HT40)	CH134	-1.52	Pass
11ac(VHT20)	CH100	2.87	Pass
11ac(VHT20)	CH116	2.78	Pass
11ac(VHT20)	CH140	1.74	Pass
11ac(VHT40)	CH102	-0.48	Pass
11ac(VHT40)	CH118	-0.48	Pass
11ac(VHT40)	CH134	-1.39	Pass
11ac(VHT80)	CH106	-3.30	Pass
11ac(VHT80)	CH122	-3.48	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-0.34	Pass
11a	CH157	-0.33	Pass
11a	CH165	-1.24	Pass
11n(HT20)	CH149	-0.55	Pass
11n(HT20)	CH157	-0.64	Pass
11n(HT20)	CH165	-1.14	Pass
11n(HT40)	CH151	-4.38	Pass
11n(HT40)	CH159	-3.86	Pass
11ac(VHT20)	CH149	-0.52	Pass
11ac(VHT20)	CH157	-0.75	Pass
11ac(VHT20)	CH165	-1.15	Pass
11ac(VHT40)	CH151	-4.28	Pass
11ac(VHT40)	CH159	-3.96	Pass
11ac(VHT80)	CH155	-7.32	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.

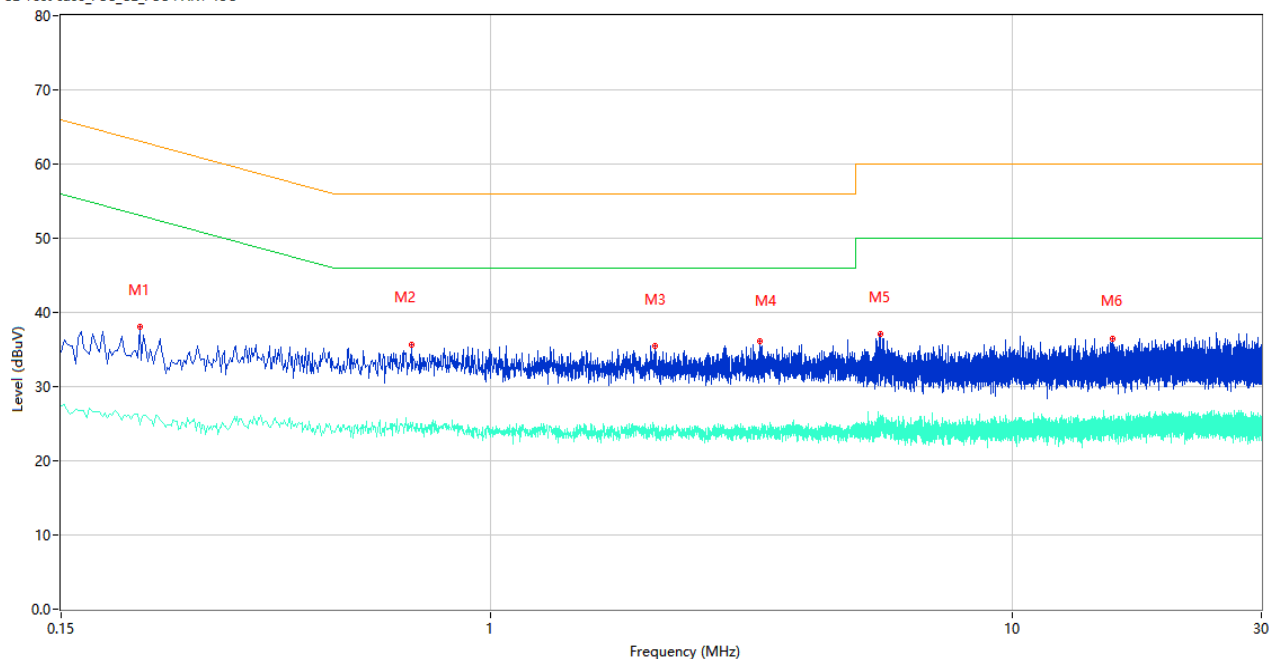
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

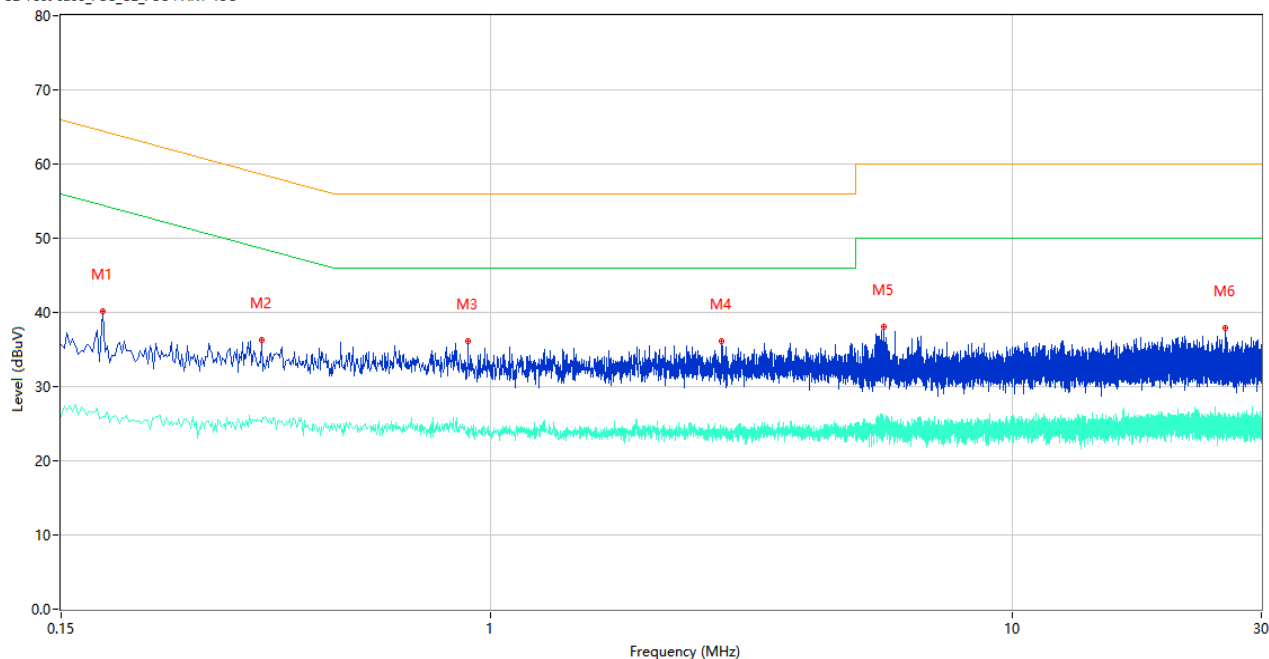
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)		Over Limit (dB)	Detector	Line	Verdict
1	0.212	38.01	9.84	63.13	25.12	Peak	L	Pass	
1**	0.212	24.88	9.84	53.13	28.25	AV	L	Pass	
2	0.704	35.68	10.67	56.00	20.32	Peak	L	Pass	
2**	0.704	24.81	10.67	46.00	21.19	AV	L	Pass	
3	2.064	35.55	10.35	56.00	20.45	Peak	L	Pass	
3**	2.064	23.75	10.35	46.00	22.25	AV	L	Pass	
4	3.272	36.12	10.25	56.00	19.88	Peak	L	Pass	
4**	3.272	22.94	10.25	46.00	23.06	AV	L	Pass	
5	5.572	37.05	10.50	60.00	22.95	Peak	L	Pass	
5**	5.572	24.92	10.50	50.00	25.08	AV	L	Pass	
6	15.544	36.46	10.57	60.00	23.54	Peak	L	Pass	
6**	15.544	24.41	10.57	50.00	25.59	AV	L	Pass	

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.180	40.24	9.85	64.49	24.25	Peak	N	Pass
1**	0.180	25.99	9.85	54.49	28.50	AV	N	Pass
2	0.364	36.35	10.76	58.64	22.29	Peak	N	Pass
2**	0.364	25.23	10.76	48.64	23.41	AV	N	Pass
3	0.904	36.12	10.24	56.00	19.88	Peak	N	Pass
3**	0.904	24.32	10.24	46.00	21.68	AV	N	Pass
4	2.770	36.19	10.32	56.00	19.81	Peak	N	Pass
4**	2.770	24.09	10.32	46.00	21.91	AV	N	Pass
5	5.654	38.10	10.40	60.00	21.90	Peak	N	Pass
5**	5.654	25.13	10.40	50.00	24.87	AV	N	Pass
6	25.602	37.89	10.99	60.00	22.11	Peak	N	Pass
6**	25.602	24.81	10.99	50.00	25.19	AV	N	Pass

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

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

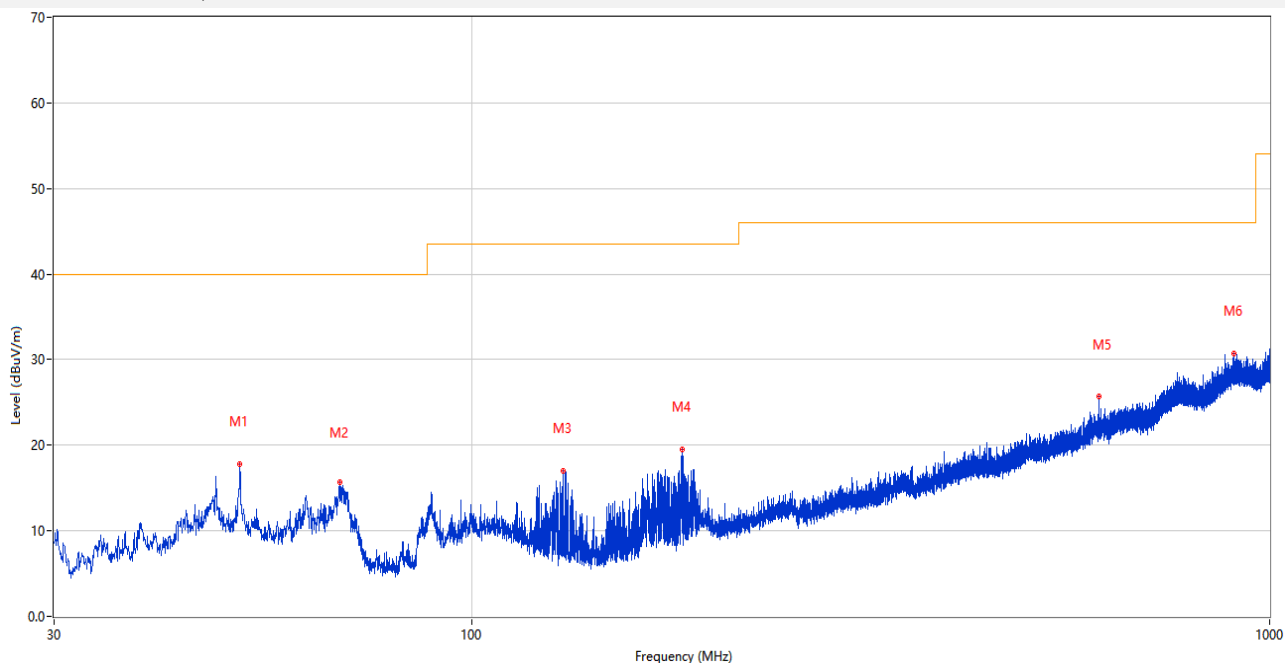
Note²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

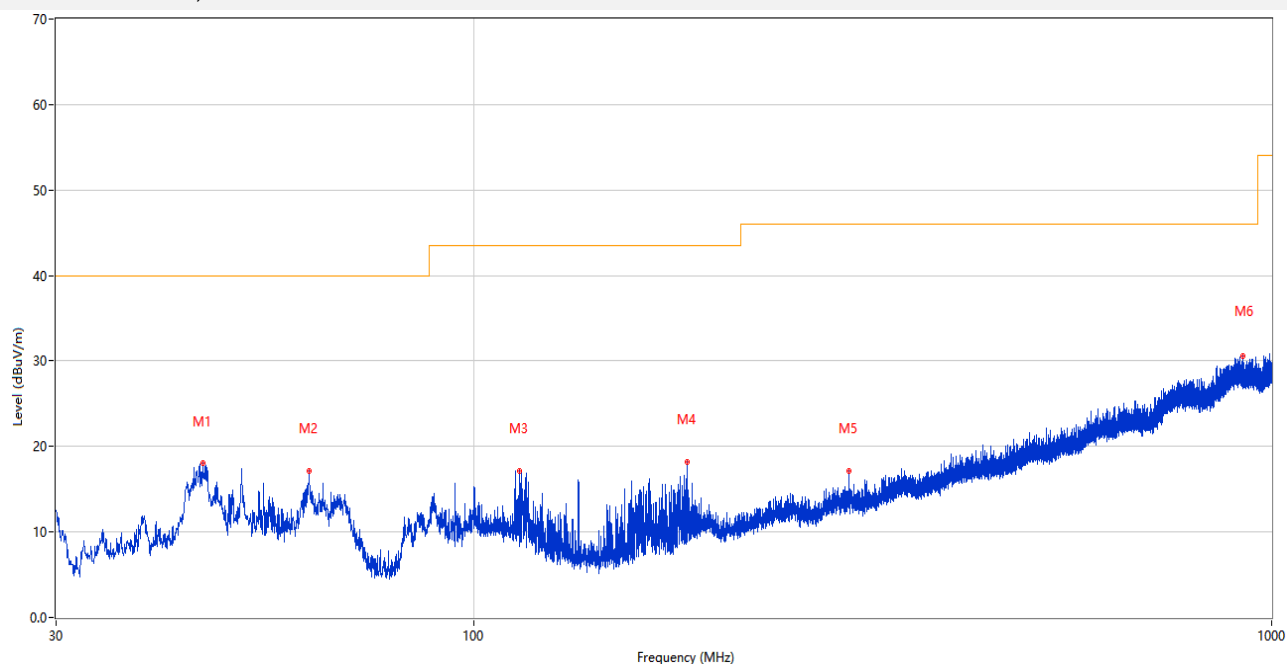
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.291	17.86	-24.17	40.0	22.14	Peak	91.00	100	Horizontal	Pass
2	68.509	15.68	-28.36	40.0	24.32	Peak	106.00	100	Horizontal	Pass
3	130.152	17.01	-29.80	43.5	26.49	Peak	304.00	200	Horizontal	Pass
4	183.551	19.51	-27.46	43.5	23.99	Peak	316.00	100	Horizontal	Pass
5	610.448	25.66	-14.99	46.0	20.34	Peak	282.00	200	Horizontal	Pass
6	900.914	30.74	-8.84	46.0	15.26	Peak	191.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.811	18.00	-26.44	40.0	22.00	Peak	48.00	100	Vertical	Pass
2	62.252	17.08	-26.70	40.0	22.92	Peak	82.00	100	Vertical	Pass
3	114.099	17.19	-27.15	43.5	26.31	Peak	209.00	100	Vertical	Pass
4	185.394	18.24	-27.22	43.5	25.26	Peak	243.00	100	Vertical	Pass
5	295.489	17.09	-23.35	46.0	28.91	Peak	290.00	100	Vertical	Pass
6	921.575	30.54	-8.74	46.0	15.46	Peak	77.00	200	Vertical	Pass

Note ¹: The spurious above 18G is noise only, do not show on the report.

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

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

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	1510.457	38.67	74.0	35.33	Peak	225.00	300	Horizontal	Pass
1**	1510.457	30.79	54.0	23.21	AV	225.00	300	Horizontal	Pass
2	2347.287	44.14	74.0	29.86	Peak	270.00	400	Horizontal	Pass
2**	2347.287	40.34	54.0	13.66	AV	270.00	400	Horizontal	Pass
3	4204.450	46.47	74.0	27.53	Peak	44.00	200	Horizontal	Pass
3**	4204.450	35.43	54.0	18.57	AV	44.00	200	Horizontal	Pass
4	7437.673	53.67	74.0	20.33	Peak	193.00	200	Horizontal	Pass
4**	7437.673	44.57	54.0	9.43	AV	193.00	200	Horizontal	Pass
5	12521.914	53.62	74.0	20.38	Peak	207.00	400	Horizontal	Pass
5**	12521.914	45.62	54.0	8.38	AV	207.00	400	Horizontal	Pass
6	16145.442	54.88	74.0	19.12	Peak	322.00	300	Horizontal	Pass
6**	16145.442	44.46	54.0	9.54	AV	322.00	300	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	1570.840	35.81	74.0	38.19	Peak	216.00	200	Vertical	Pass
1**	1570.840	24.46	54.0	29.54	AV	216.00	200	Vertical	Pass
2	2346.939	44.90	74.0	29.10	Peak	207.00	200	Vertical	Pass
2**	2346.939	31.94	54.0	22.06	AV	207.00	200	Vertical	Pass
3	3916.784	45.81	74.0	28.19	Peak	228.00	200	Vertical	Pass
3**	3916.784	39.09	54.0	14.91	AV	228.00	200	Vertical	Pass
4	7680.714	50.95	74.0	23.05	Peak	89.00	200	Vertical	Pass
4**	7680.714	44.10	54.0	9.90	AV	89.00	200	Vertical	Pass
5	12530.797	56.61	74.0	17.39	Peak	303.00	400	Vertical	Pass
5**	12530.797	43.28	54.0	10.72	AV	303.00	400	Vertical	Pass
6	15381.459	53.27	74.0	20.73	Peak	42.00	300	Vertical	Pass
6**	15381.459	47.09	54.0	6.91	AV	42.00	300	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	1510.598	41.18	74.0	32.82	Peak	105.00	100	Horizontal	Pass
1**	1510.598	28.32	54.0	25.68	AV	105.00	100	Horizontal	Pass
2	2345.742	47.12	74.0	26.88	Peak	65.00	200	Horizontal	Pass
2**	2345.742	35.85	54.0	18.15	AV	65.00	200	Horizontal	Pass
3	4204.070	48.54	74.0	25.46	Peak	157.00	200	Horizontal	Pass
3**	4204.070	37.70	54.0	16.30	AV	157.00	200	Horizontal	Pass
4	7432.165	55.36	74.0	18.64	Peak	65.00	400	Horizontal	Pass
4**	7432.165	43.86	54.0	10.14	AV	65.00	400	Horizontal	Pass
5	12514.787	58.16	74.0	15.84	Peak	277.00	300	Horizontal	Pass
5**	12514.787	49.09	54.0	4.91	AV	277.00	300	Horizontal	Pass
6	16150.935	52.74	74.0	21.26	Peak	51.00	200	Horizontal	Pass
6**	16150.935	44.70	54.0	9.30	AV	51.00	200	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	1571.102	36.85	74.0	37.15	Peak	46.00	300	Vertical	Pass
1**	1571.102	27.26	54.0	26.74	AV	46.00	300	Vertical	Pass
2	2346.188	42.19	74.0	31.81	Peak	192.00	400	Vertical	Pass
2**	2346.188	32.21	54.0	21.79	AV	192.00	400	Vertical	Pass
3	3918.435	46.95	74.0	27.05	Peak	353.00	200	Vertical	Pass
3**	3918.435	36.81	54.0	17.19	AV	353.00	200	Vertical	Pass
4	7676.974	50.03	74.0	23.97	Peak	312.00	400	Vertical	Pass
4**	7676.974	45.91	54.0	8.09	AV	312.00	400	Vertical	Pass
5	12530.460	53.85	74.0	20.15	Peak	12.00	100	Vertical	Pass
5**	12530.460	41.59	54.0	12.41	AV	12.00	100	Vertical	Pass
6	15381.753	52.46	74.0	21.54	Peak	145.00	200	Vertical	Pass
6**	15381.753	42.56	54.0	11.44	AV	145.00	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	1511.531	41.78	74.0	32.22	Peak	337.00	100	Horizontal	Pass
1**	1511.531	26.95	54.0	27.05	AV	337.00	100	Horizontal	Pass
2	2346.279	45.50	74.0	28.50	Peak	37.00	300	Horizontal	Pass
2**	2346.279	37.20	54.0	16.80	AV	37.00	300	Horizontal	Pass
3	4203.200	47.85	74.0	26.15	Peak	125.00	200	Horizontal	Pass
3**	4203.200	38.82	54.0	15.18	AV	125.00	200	Horizontal	Pass
4	7437.910	57.10	74.0	16.90	Peak	312.00	300	Horizontal	Pass
4**	7437.910	42.26	54.0	11.74	AV	312.00	300	Horizontal	Pass
5	12518.799	56.99	74.0	17.01	Peak	65.00	300	Horizontal	Pass
5**	12518.799	48.11	54.0	5.89	AV	65.00	300	Horizontal	Pass
6	16148.639	55.20	74.0	18.80	Peak	129.00	300	Horizontal	Pass
6**	16148.639	42.66	54.0	11.34	AV	129.00	300	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	1570.504	36.04	74.0	37.96	Peak	258.00	400	Vertical	Pass
1**	1570.504	25.53	54.0	28.47	AV	258.00	400	Vertical	Pass
2	2343.921	46.42	74.0	27.58	Peak	63.00	400	Vertical	Pass
2**	2343.921	32.78	54.0	21.22	AV	63.00	400	Vertical	Pass
3	3914.752	42.77	74.0	31.23	Peak	360.00	200	Vertical	Pass
3**	3914.752	34.09	54.0	19.91	AV	360.00	200	Vertical	Pass
4	7679.041	50.56	74.0	23.44	Peak	262.00	400	Vertical	Pass
4**	7679.041	43.48	54.0	10.52	AV	262.00	400	Vertical	Pass
5	12528.167	53.50	74.0	20.50	Peak	192.00	100	Vertical	Pass
5**	12528.167	40.07	54.0	13.93	AV	192.00	100	Vertical	Pass
6	15384.723	56.11	74.0	17.89	Peak	301.00	200	Vertical	Pass
6**	15384.723	42.98	54.0	11.02	AV	301.00	200	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.109	39.37	74.0	34.63	Peak	104.00	400	Horizontal	Pass
1**	1508.109	27.45	54.0	26.55	AV	104.00	400	Horizontal	Pass
2	2351.533	43.25	74.0	30.75	Peak	94.00	200	Horizontal	Pass
2**	2351.533	35.00	54.0	19.00	AV	94.00	200	Horizontal	Pass
3	4204.282	45.41	74.0	28.59	Peak	259.00	200	Horizontal	Pass
3**	4204.282	34.93	54.0	19.07	AV	259.00	200	Horizontal	Pass
4	7430.978	55.97	74.0	18.03	Peak	192.00	300	Horizontal	Pass
4**	7430.978	45.55	54.0	8.45	AV	192.00	300	Horizontal	Pass
5	12519.061	54.78	74.0	19.22	Peak	156.00	300	Horizontal	Pass
5**	12519.061	47.52	54.0	6.48	AV	156.00	300	Horizontal	Pass
6	16144.296	53.28	74.0	20.72	Peak	124.00	300	Horizontal	Pass
6**	16144.296	41.67	54.0	12.33	AV	124.00	300	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	1569.725	37.97	74.0	36.03	Peak	302.00	200	Vertical	Pass
1**	1569.725	23.90	54.0	30.10	AV	302.00	200	Vertical	Pass
2	2345.757	47.15	74.0	26.85	Peak	176.00	200	Vertical	Pass
2**	2345.757	33.43	54.0	20.57	AV	176.00	200	Vertical	Pass
3	3916.151	44.43	74.0	29.57	Peak	128.00	200	Vertical	Pass
3**	3916.151	36.37	54.0	17.63	AV	128.00	200	Vertical	Pass
4	7682.829	50.63	74.0	23.37	Peak	39.00	300	Vertical	Pass
4**	7682.829	44.53	54.0	9.47	AV	39.00	300	Vertical	Pass
5	12526.798	53.01	74.0	20.99	Peak	59.00	200	Vertical	Pass
5**	12526.798	42.90	54.0	11.10	AV	59.00	200	Vertical	Pass
6	15382.013	52.81	74.0	21.19	Peak	187.00	100	Vertical	Pass
6**	15382.013	42.06	54.0	11.94	AV	187.00	100	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.882	39.04	74.0	34.96	Peak	188.00	200	Horizontal	Pass
1**	1510.882	30.67	54.0	23.33	AV	188.00	200	Horizontal	Pass
2	2346.127	43.45	74.0	30.55	Peak	103.00	100	Horizontal	Pass
2**	2346.127	40.31	54.0	13.69	AV	103.00	100	Horizontal	Pass
3	4206.848	46.04	74.0	27.96	Peak	100.00	200	Horizontal	Pass
3**	4206.848	35.33	54.0	18.67	AV	100.00	200	Horizontal	Pass
4	7435.359	56.72	74.0	17.28	Peak	262.00	200	Horizontal	Pass
4**	7435.359	43.45	54.0	10.55	AV	262.00	200	Horizontal	Pass
5	12521.224	56.52	74.0	17.48	Peak	33.00	400	Horizontal	Pass
5**	12521.224	44.87	54.0	9.13	AV	33.00	400	Horizontal	Pass
6	16145.099	52.23	74.0	21.77	Peak	153.00	300	Horizontal	Pass
6**	16145.099	46.61	54.0	7.39	AV	153.00	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	1568.043	35.53	74.0	38.47	Peak	138.00	400	Vertical	Pass
1**	1568.043	24.36	54.0	29.64	AV	138.00	400	Vertical	Pass
2	2345.372	47.41	74.0	26.59	Peak	250.00	100	Vertical	Pass
2**	2345.372	30.97	54.0	23.03	AV	250.00	100	Vertical	Pass
3	3915.425	46.23	74.0	27.77	Peak	52.00	200	Vertical	Pass
3**	3915.425	38.01	54.0	15.99	AV	52.00	200	Vertical	Pass
4	7681.214	50.72	74.0	23.28	Peak	161.00	100	Vertical	Pass
4**	7681.214	42.80	54.0	11.20	AV	161.00	100	Vertical	Pass
5	12532.996	57.41	74.0	16.59	Peak	66.00	200	Vertical	Pass
5**	12532.996	41.72	54.0	12.28	AV	66.00	200	Vertical	Pass
6	15380.208	52.99	74.0	21.01	Peak	250.00	200	Vertical	Pass
6**	15380.208	44.94	54.0	9.06	AV	250.00	200	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	1509.471	38.69	74.0	35.31	Peak	226.00	100	Horizontal	Pass
1**	1509.471	30.99	54.0	23.01	AV	226.00	100	Horizontal	Pass
2	2346.331	44.99	74.0	29.01	Peak	232.00	200	Horizontal	Pass
2**	2346.331	36.21	54.0	17.79	AV	232.00	200	Horizontal	Pass
3	4202.877	46.64	74.0	27.36	Peak	275.00	200	Horizontal	Pass
3**	4202.877	38.27	54.0	15.73	AV	275.00	200	Horizontal	Pass
4	7435.629	56.90	74.0	17.10	Peak	4.00	400	Horizontal	Pass
4**	7435.629	39.94	54.0	14.06	AV	4.00	400	Horizontal	Pass
5	12515.789	58.65	74.0	15.35	Peak	356.00	100	Horizontal	Pass
5**	12515.789	46.53	54.0	7.47	AV	356.00	100	Horizontal	Pass
6	16143.380	53.77	74.0	20.23	Peak	186.00	300	Horizontal	Pass
6**	16143.380	44.83	54.0	9.17	AV	186.00	300	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	1572.334	39.18	74.0	34.82	Peak	162.00	100	Vertical	Pass
1**	1572.334	29.42	54.0	24.58	AV	162.00	100	Vertical	Pass
2	2349.283	44.68	74.0	29.32	Peak	135.00	100	Vertical	Pass
2**	2349.283	34.13	54.0	19.87	AV	135.00	100	Vertical	Pass
3	3918.119	46.31	74.0	27.69	Peak	86.00	200	Vertical	Pass
3**	3918.119	35.31	54.0	18.69	AV	86.00	200	Vertical	Pass
4	7677.041	52.03	74.0	21.97	Peak	180.00	200	Vertical	Pass
4**	7677.041	46.28	54.0	7.72	AV	180.00	200	Vertical	Pass
5	12529.191	55.12	74.0	18.88	Peak	211.00	100	Vertical	Pass
5**	12529.191	43.11	54.0	10.89	AV	211.00	100	Vertical	Pass
6	15382.014	50.54	74.0	23.46	Peak	293.00	400	Vertical	Pass
6**	15382.014	41.80	54.0	12.20	AV	293.00	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	1514.376	40.38	74.0	33.62	Peak	340.00	200	Horizontal	Pass
1**	1514.376	27.48	54.0	26.52	AV	340.00	200	Horizontal	Pass
2	2350.968	46.21	74.0	27.79	Peak	10.00	100	Horizontal	Pass
2**	2350.968	36.84	54.0	17.16	AV	10.00	100	Horizontal	Pass
3	4204.950	48.09	74.0	25.91	Peak	225.00	200	Horizontal	Pass
3**	4204.950	38.39	54.0	15.61	AV	225.00	200	Horizontal	Pass
4	7437.882	55.61	74.0	18.39	Peak	167.00	400	Horizontal	Pass
4**	7437.882	45.11	54.0	8.89	AV	167.00	400	Horizontal	Pass
5	12517.437	53.03	74.0	20.97	Peak	106.00	300	Horizontal	Pass
5**	12517.437	45.05	54.0	8.95	AV	106.00	300	Horizontal	Pass
6	16147.221	56.36	74.0	17.64	Peak	269.00	100	Horizontal	Pass
6**	16147.221	45.38	54.0	8.62	AV	269.00	100	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.629	35.63	74.0	38.37	Peak	154.00	100	Vertical	Pass
1**	1568.629	24.59	54.0	29.41	AV	154.00	100	Vertical	Pass
2	2346.576	44.28	74.0	29.72	Peak	179.00	100	Vertical	Pass
2**	2346.576	36.30	54.0	17.70	AV	179.00	100	Vertical	Pass
3	3917.547	47.07	74.0	26.93	Peak	326.00	200	Vertical	Pass
3**	3917.547	37.35	54.0	16.65	AV	326.00	200	Vertical	Pass
4	7680.805	50.88	74.0	23.12	Peak	17.00	400	Vertical	Pass
4**	7680.805	42.33	54.0	11.67	AV	17.00	400	Vertical	Pass
5	12532.665	56.37	74.0	17.63	Peak	119.00	100	Vertical	Pass
5**	12532.665	43.64	54.0	10.36	AV	119.00	100	Vertical	Pass
6	15384.613	53.76	74.0	20.24	Peak	34.00	300	Vertical	Pass
6**	15384.613	42.63	54.0	11.37	AV	34.00	300	Vertical	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.992	37.85	74.0	36.15	Peak	279.00	300	Horizontal	Pass
1**	1511.992	30.99	54.0	23.01	AV	279.00	300	Horizontal	Pass
2	2349.888	43.15	74.0	30.85	Peak	46.00	100	Horizontal	Pass
2**	2349.888	36.55	54.0	17.45	AV	46.00	100	Horizontal	Pass
3	4207.208	48.68	74.0	25.32	Peak	291.00	200	Horizontal	Pass
3**	4207.208	35.34	54.0	18.66	AV	291.00	200	Horizontal	Pass
4	7438.080	53.79	74.0	20.21	Peak	214.00	300	Horizontal	Pass
4**	7438.080	40.73	54.0	13.27	AV	214.00	300	Horizontal	Pass
5	12517.044	54.20	74.0	19.80	Peak	198.00	100	Horizontal	Pass
5**	12517.044	47.52	54.0	6.48	AV	198.00	100	Horizontal	Pass
6	16148.433	55.35	74.0	18.65	Peak	287.00	300	Horizontal	Pass
6**	16148.433	41.12	54.0	12.88	AV	287.00	300	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	1571.842	33.77	74.0	40.23	Peak	237.00	200	Vertical	Pass
1**	1571.842	23.92	54.0	30.08	AV	237.00	200	Vertical	Pass
2	2348.478	43.12	74.0	30.88	Peak	166.00	200	Vertical	Pass
2**	2348.478	33.04	54.0	20.96	AV	166.00	200	Vertical	Pass
3	3918.448	45.87	74.0	28.13	Peak	270.00	200	Vertical	Pass
3**	3918.448	33.59	54.0	20.41	AV	270.00	200	Vertical	Pass
4	7681.694	49.85	74.0	24.15	Peak	68.00	300	Vertical	Pass
4**	7681.694	42.28	54.0	11.72	AV	68.00	300	Vertical	Pass
5	12528.829	55.75	74.0	18.25	Peak	121.00	100	Vertical	Pass
5**	12528.829	41.18	54.0	12.82	AV	121.00	100	Vertical	Pass
6	15384.927	50.94	74.0	23.06	Peak	171.00	100	Vertical	Pass
6**	15384.927	42.01	54.0	11.99	AV	171.00	100	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	1507.708	37.61	74.0	36.39	Peak	182.00	400	Horizontal	Pass
1**	1507.708	28.92	54.0	25.08	AV	182.00	400	Horizontal	Pass
2	2345.027	46.92	74.0	27.08	Peak	82.00	400	Horizontal	Pass
2**	2345.027	34.72	54.0	19.28	AV	82.00	400	Horizontal	Pass
3	4204.895	47.37	74.0	26.63	Peak	199.00	200	Horizontal	Pass
3**	4204.895	36.16	54.0	17.84	AV	199.00	200	Horizontal	Pass
4	7430.483	52.11	74.0	21.89	Peak	295.00	300	Horizontal	Pass
4**	7430.483	40.57	54.0	13.43	AV	295.00	300	Horizontal	Pass
5	12519.778	54.15	74.0	19.85	Peak	175.00	200	Horizontal	Pass
5**	12519.778	45.32	54.0	8.68	AV	175.00	200	Horizontal	Pass
6	16143.452	53.57	74.0	20.43	Peak	296.00	200	Horizontal	Pass
6**	16143.452	40.93	54.0	13.07	AV	296.00	200	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.977	35.07	74.0	38.93	Peak	41.00	100	Vertical	Pass
1**	1570.977	25.35	54.0	28.65	AV	41.00	100	Vertical	Pass
2	2346.525	43.70	74.0	30.30	Peak	15.00	300	Vertical	Pass
2**	2346.525	31.81	54.0	22.19	AV	15.00	300	Vertical	Pass
3	3917.180	43.95	74.0	30.05	Peak	130.00	200	Vertical	Pass
3**	3917.180	35.25	54.0	18.75	AV	130.00	200	Vertical	Pass
4	7682.351	54.67	74.0	19.33	Peak	108.00	200	Vertical	Pass
4**	7682.351	43.82	54.0	10.18	AV	108.00	200	Vertical	Pass
5	12531.716	53.55	74.0	20.45	Peak	185.00	100	Vertical	Pass
5**	12531.716	44.59	54.0	9.41	AV	185.00	100	Vertical	Pass
6	15378.832	56.17	74.0	17.83	Peak	0.00	200	Vertical	Pass
6**	15378.832	47.25	54.0	6.75	AV	0.00	200	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	1510.682	39.76	74.0	34.24	Peak	121.00	400	Horizontal	Pass
1**	1510.682	29.82	54.0	24.18	AV	121.00	400	Horizontal	Pass
2	2348.880	45.55	74.0	28.45	Peak	67.00	200	Horizontal	Pass
2**	2348.880	40.11	54.0	13.89	AV	67.00	200	Horizontal	Pass
3	4206.807	45.46	74.0	28.54	Peak	97.00	200	Horizontal	Pass
3**	4206.807	38.42	54.0	15.58	AV	97.00	200	Horizontal	Pass
4	7434.359	52.81	74.0	21.19	Peak	314.00	300	Horizontal	Pass
4**	7434.359	45.45	54.0	8.55	AV	314.00	300	Horizontal	Pass
5	12518.123	54.63	74.0	19.37	Peak	201.00	200	Horizontal	Pass
5**	12518.123	49.42	54.0	4.58	AV	201.00	200	Horizontal	Pass
6	16151.201	53.21	74.0	20.79	Peak	292.00	300	Horizontal	Pass
6**	16151.201	45.34	54.0	8.66	AV	292.00	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	1567.221	36.96	74.0	37.04	Peak	248.00	300	Vertical	Pass
1**	1567.221	24.10	54.0	29.90	AV	248.00	300	Vertical	Pass
2	2346.031	42.97	74.0	31.03	Peak	95.00	100	Vertical	Pass
2**	2346.031	36.02	54.0	17.98	AV	95.00	100	Vertical	Pass
3	3915.475	44.54	74.0	29.46	Peak	47.00	200	Vertical	Pass
3**	3915.475	33.76	54.0	20.24	AV	47.00	200	Vertical	Pass
4	7681.680	52.16	74.0	21.84	Peak	22.00	300	Vertical	Pass
4**	7681.680	45.70	54.0	8.30	AV	22.00	300	Vertical	Pass
5	12532.029	57.50	74.0	16.50	Peak	44.00	400	Vertical	Pass
5**	12532.029	42.79	54.0	11.21	AV	44.00	400	Vertical	Pass
6	15382.119	50.50	74.0	23.50	Peak	237.00	200	Vertical	Pass
6**	15382.119	45.28	54.0	8.72	AV	237.00	200	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	1512.063	39.43	74.0	34.57	Peak	69.00	100	Horizontal	Pass
1**	1512.063	31.66	54.0	22.34	AV	69.00	100	Horizontal	Pass
2	2351.629	45.97	74.0	28.03	Peak	242.00	200	Horizontal	Pass
2**	2351.629	35.84	54.0	18.16	AV	242.00	200	Horizontal	Pass
3	4205.777	49.92	74.0	24.08	Peak	256.00	200	Horizontal	Pass
3**	4205.777	35.89	54.0	18.11	AV	256.00	200	Horizontal	Pass
4	7433.181	56.62	74.0	17.38	Peak	100.00	100	Horizontal	Pass
4**	7433.181	43.35	54.0	10.65	AV	100.00	100	Horizontal	Pass
5	12518.154	55.15	74.0	18.85	Peak	265.00	200	Horizontal	Pass
5**	12518.154	46.42	54.0	7.58	AV	265.00	200	Horizontal	Pass
6	16150.531	53.30	74.0	20.70	Peak	259.00	200	Horizontal	Pass
6**	16150.531	43.18	54.0	10.82	AV	259.00	200	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	1574.286	36.43	74.0	37.57	Peak	127.00	200	Vertical	Pass
1**	1574.286	28.95	54.0	25.05	AV	127.00	200	Vertical	Pass
2	2346.923	45.91	74.0	28.09	Peak	261.00	300	Vertical	Pass
2**	2346.923	33.59	54.0	20.41	AV	261.00	300	Vertical	Pass
3	3913.544	47.10	74.0	26.90	Peak	330.00	200	Vertical	Pass
3**	3913.544	35.53	54.0	18.47	AV	330.00	200	Vertical	Pass
4	7681.732	51.92	74.0	22.08	Peak	332.00	400	Vertical	Pass
4**	7681.732	45.09	54.0	8.91	AV	332.00	400	Vertical	Pass
5	12532.350	56.63	74.0	17.37	Peak	215.00	300	Vertical	Pass
5**	12532.350	43.68	54.0	10.32	AV	215.00	300	Vertical	Pass
6	15384.353	55.29	74.0	18.71	Peak	183.00	200	Vertical	Pass
6**	15384.353	45.78	54.0	8.22	AV	183.00	200	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.422	42.60	74.0	31.40	Peak	242.00	300	Horizontal	Pass
1**	1513.422	29.83	54.0	24.17	AV	242.00	300	Horizontal	Pass
2	2350.855	45.93	74.0	28.07	Peak	74.00	400	Horizontal	Pass
2**	2350.855	38.55	54.0	15.45	AV	74.00	400	Horizontal	Pass
3	4207.282	50.18	74.0	23.82	Peak	14.00	200	Horizontal	Pass
3**	4207.282	37.10	54.0	16.90	AV	14.00	200	Horizontal	Pass
4	7430.828	51.44	74.0	22.56	Peak	6.00	400	Horizontal	Pass
4**	7430.828	42.74	54.0	11.26	AV	6.00	400	Horizontal	Pass
5	12516.421	53.07	74.0	20.93	Peak	110.00	300	Horizontal	Pass
5**	12516.421	48.13	54.0	5.87	AV	110.00	300	Horizontal	Pass
6	16146.230	54.24	74.0	19.76	Peak	64.00	100	Horizontal	Pass
6**	16146.230	44.54	54.0	9.46	AV	64.00	100	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.197	35.91	74.0	38.09	Peak	151.00	100	Vertical	Pass
1**	1567.197	25.40	54.0	28.60	AV	151.00	100	Vertical	Pass
2	2350.425	45.20	74.0	28.80	Peak	57.00	400	Vertical	Pass
2**	2350.425	33.37	54.0	20.63	AV	57.00	400	Vertical	Pass
3	3920.755	44.58	74.0	29.42	Peak	343.00	200	Vertical	Pass
3**	3920.755	35.60	54.0	18.40	AV	343.00	200	Vertical	Pass
4	7682.068	49.23	74.0	24.77	Peak	15.00	300	Vertical	Pass
4**	7682.068	43.65	54.0	10.35	AV	15.00	300	Vertical	Pass
5	12526.150	56.17	74.0	17.83	Peak	348.00	400	Vertical	Pass
5**	12526.150	39.98	54.0	14.02	AV	348.00	400	Vertical	Pass
6	15381.039	54.83	74.0	19.17	Peak	348.00	400	Vertical	Pass
6**	15381.039	45.07	54.0	8.93	AV	348.00	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	1511.190	38.62	74.0	35.38	Peak	82.00	100	Horizontal	Pass
1**	1511.190	29.12	54.0	24.88	AV	82.00	100	Horizontal	Pass
2	2345.319	46.86	74.0	27.14	Peak	212.00	400	Horizontal	Pass
2**	2345.319	35.45	54.0	18.55	AV	212.00	400	Horizontal	Pass
3	4207.039	50.48	74.0	23.52	Peak	303.00	200	Horizontal	Pass
3**	4207.039	40.10	54.0	13.90	AV	303.00	200	Horizontal	Pass
4	7436.885	52.64	74.0	21.36	Peak	6.00	400	Horizontal	Pass
4**	7436.885	41.56	54.0	12.44	AV	6.00	400	Horizontal	Pass
5	12520.795	57.36	74.0	16.64	Peak	330.00	200	Horizontal	Pass
5**	12520.795	46.96	54.0	7.04	AV	330.00	200	Horizontal	Pass
6	16147.476	52.42	74.0	21.58	Peak	226.00	300	Horizontal	Pass
6**	16147.476	43.83	54.0	10.17	AV	226.00	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	1572.687	37.93	74.0	36.07	Peak	219.00	400	Vertical	Pass
1**	1572.687	26.60	54.0	27.40	AV	219.00	400	Vertical	Pass
2	2344.165	44.59	74.0	29.41	Peak	92.00	200	Vertical	Pass
2**	2344.165	33.53	54.0	20.47	AV	92.00	200	Vertical	Pass
3	3918.027	45.02	74.0	28.98	Peak	106.00	200	Vertical	Pass
3**	3918.027	38.20	54.0	15.80	AV	106.00	200	Vertical	Pass
4	7681.666	54.16	74.0	19.84	Peak	331.00	400	Vertical	Pass
4**	7681.666	42.21	54.0	11.79	AV	331.00	400	Vertical	Pass
5	12527.101	55.43	74.0	18.57	Peak	143.00	100	Vertical	Pass
5**	12527.101	44.20	54.0	9.80	AV	143.00	100	Vertical	Pass
6	15382.407	53.86	74.0	20.14	Peak	360.00	200	Vertical	Pass
6**	15382.407	47.23	54.0	6.77	AV	360.00	200	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	1512.815	39.03	74.0	34.97	Peak	224.00	200	Horizontal	Pass
1**	1512.815	31.83	54.0	22.17	AV	224.00	200	Horizontal	Pass
2	2345.547	46.94	74.0	27.06	Peak	47.00	100	Horizontal	Pass
2**	2345.547	36.49	54.0	17.51	AV	47.00	100	Horizontal	Pass
3	4203.786	46.10	74.0	27.90	Peak	11.00	200	Horizontal	Pass
3**	4203.786	36.78	54.0	17.22	AV	11.00	200	Horizontal	Pass
4	7432.953	56.50	74.0	17.50	Peak	208.00	100	Horizontal	Pass
4**	7432.953	42.52	54.0	11.48	AV	208.00	100	Horizontal	Pass
5	12519.160	58.21	74.0	15.79	Peak	60.00	300	Horizontal	Pass
5**	12519.160	49.34	54.0	4.66	AV	60.00	300	Horizontal	Pass
6	16148.369	51.47	74.0	22.53	Peak	277.00	100	Horizontal	Pass
6**	16148.369	41.16	54.0	12.84	AV	277.00	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	1570.833	37.76	74.0	36.24	Peak	81.00	200	Vertical	Pass
1**	1570.833	29.42	54.0	24.58	AV	81.00	200	Vertical	Pass
2	2343.378	42.57	74.0	31.43	Peak	260.00	400	Vertical	Pass
2**	2343.378	33.48	54.0	20.52	AV	260.00	400	Vertical	Pass
3	3919.756	47.33	74.0	26.67	Peak	212.00	200	Vertical	Pass
3**	3919.756	36.35	54.0	17.65	AV	212.00	200	Vertical	Pass
4	7678.598	51.10	74.0	22.90	Peak	321.00	200	Vertical	Pass
4**	7678.598	46.79	54.0	7.21	AV	321.00	200	Vertical	Pass
5	12533.450	56.75	74.0	17.25	Peak	263.00	100	Vertical	Pass
5**	12533.450	43.47	54.0	10.53	AV	263.00	100	Vertical	Pass
6	15382.186	51.49	74.0	22.51	Peak	217.00	100	Vertical	Pass
6**	15382.186	46.44	54.0	7.56	AV	217.00	100	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.776	38.91	74.0	35.09	Peak	99.00	300	Horizontal	Pass
1**	1523.776	30.73	54.0	23.27	AV	99.00	300	Horizontal	Pass
2	2270.966	45.94	74.0	28.06	Peak	32.00	100	Horizontal	Pass
2**	2270.966	36.35	54.0	17.65	AV	32.00	100	Horizontal	Pass
3	4048.569	48.31	74.0	25.69	Peak	338.00	200	Horizontal	Pass
3**	4048.569	35.48	54.0	18.52	AV	338.00	200	Horizontal	Pass
4	7620.855	50.98	74.0	23.02	Peak	345.00	300	Horizontal	Pass
4**	7620.855	43.06	54.0	10.94	AV	345.00	300	Horizontal	Pass
5	12453.143	54.52	74.0	19.48	Peak	8.00	400	Horizontal	Pass
5**	12453.143	42.53	54.0	11.47	AV	8.00	400	Horizontal	Pass
6	15899.920	55.61	74.0	18.39	Peak	278.00	100	Horizontal	Pass
6**	15899.920	45.15	54.0	8.85	AV	278.00	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	1532.592	37.34	74.0	36.66	Peak	171.00	100	Vertical	Pass
1**	1532.592	26.61	54.0	27.39	AV	171.00	100	Vertical	Pass
2	2334.438	42.05	74.0	31.95	Peak	179.00	300	Vertical	Pass
2**	2334.438	38.03	54.0	15.97	AV	179.00	300	Vertical	Pass
3	4900.839	47.39	74.0	26.61	Peak	100.00	200	Vertical	Pass
3**	4900.839	40.42	54.0	13.58	AV	100.00	200	Vertical	Pass
4	7326.513	55.14	74.0	18.86	Peak	108.00	300	Vertical	Pass
4**	7326.513	41.47	54.0	12.53	AV	108.00	300	Vertical	Pass
5	12490.286	50.16	74.0	23.84	Peak	292.00	300	Vertical	Pass
5**	12490.286	45.10	54.0	8.90	AV	292.00	300	Vertical	Pass
6	15694.489	52.65	74.0	21.35	Peak	134.00	400	Vertical	Pass
6**	15694.489	43.25	54.0	10.75	AV	134.00	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	1524.512	36.33	74.0	37.67	Peak	299.00	300	Horizontal	Pass
1**	1524.512	26.12	54.0	27.88	AV	299.00	300	Horizontal	Pass
2	2275.093	46.71	74.0	27.29	Peak	6.00	300	Horizontal	Pass
2**	2275.093	31.47	54.0	22.53	AV	6.00	300	Horizontal	Pass
3	4044.819	48.82	74.0	25.18	Peak	292.00	200	Horizontal	Pass
3**	4044.819	39.07	54.0	14.93	AV	292.00	200	Horizontal	Pass
4	7616.747	54.53	74.0	19.47	Peak	55.00	200	Horizontal	Pass
4**	7616.747	42.87	54.0	11.13	AV	55.00	200	Horizontal	Pass
5	12456.395	53.80	74.0	20.20	Peak	138.00	300	Horizontal	Pass
5**	12456.395	43.35	54.0	10.65	AV	138.00	300	Horizontal	Pass
6	15902.736	55.51	74.0	18.49	Peak	349.00	300	Horizontal	Pass
6**	15902.736	47.01	54.0	6.99	AV	349.00	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	1527.759	40.14	74.0	33.86	Peak	2.00	300	Vertical	Pass
1**	1527.759	27.86	54.0	26.14	AV	2.00	300	Vertical	Pass
2	2332.230	46.25	74.0	27.75	Peak	241.00	100	Vertical	Pass
2**	2332.230	36.53	54.0	17.47	AV	241.00	100	Vertical	Pass
3	4896.403	52.10	74.0	21.90	Peak	156.00	200	Vertical	Pass
3**	4896.403	39.46	54.0	14.54	AV	156.00	200	Vertical	Pass
4	7323.504	52.86	74.0	21.14	Peak	349.00	100	Vertical	Pass
4**	7323.504	41.35	54.0	12.65	AV	349.00	100	Vertical	Pass
5	12486.923	50.76	74.0	23.24	Peak	338.00	200	Vertical	Pass
5**	12486.923	46.11	54.0	7.89	AV	338.00	200	Vertical	Pass
6	15691.207	55.78	74.0	18.22	Peak	288.00	400	Vertical	Pass
6**	15691.207	42.08	54.0	11.92	AV	288.00	400	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.529	39.40	74.0	34.60	Peak	109.00	100	Horizontal	Pass
1**	1526.529	27.63	54.0	26.37	AV	109.00	100	Horizontal	Pass
2	2277.234	41.88	74.0	32.12	Peak	115.00	200	Horizontal	Pass
2**	2277.234	35.78	54.0	18.22	AV	115.00	200	Horizontal	Pass
3	4043.340	49.39	74.0	24.61	Peak	340.00	200	Horizontal	Pass
3**	4043.340	35.55	54.0	18.45	AV	340.00	200	Horizontal	Pass
4	7620.747	50.10	74.0	23.90	Peak	239.00	200	Horizontal	Pass
4**	7620.747	40.68	54.0	13.32	AV	239.00	200	Horizontal	Pass
5	12452.929	53.74	74.0	20.26	Peak	284.00	200	Horizontal	Pass
5**	12452.929	44.50	54.0	9.50	AV	284.00	200	Horizontal	Pass
6	15905.262	55.76	74.0	18.24	Peak	228.00	300	Horizontal	Pass
6**	15905.262	46.65	54.0	7.35	AV	228.00	300	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	1527.685	38.91	74.0	35.09	Peak	128.00	400	Vertical	Pass
1**	1527.685	26.70	54.0	27.30	AV	128.00	400	Vertical	Pass
2	2336.404	45.26	74.0	28.74	Peak	349.00	100	Vertical	Pass
2**	2336.404	34.61	54.0	19.39	AV	349.00	100	Vertical	Pass
3	4899.603	52.93	74.0	21.07	Peak	237.00	200	Vertical	Pass
3**	4899.603	37.04	54.0	16.96	AV	237.00	200	Vertical	Pass
4	7326.512	56.13	74.0	17.87	Peak	100.00	200	Vertical	Pass
4**	7326.512	45.05	54.0	8.95	AV	100.00	200	Vertical	Pass
5	12484.778	52.52	74.0	21.48	Peak	341.00	100	Vertical	Pass
5**	12484.778	46.53	54.0	7.47	AV	341.00	100	Vertical	Pass
6	15690.490	52.17	74.0	21.83	Peak	251.00	400	Vertical	Pass
6**	15690.490	44.64	54.0	9.36	AV	251.00	400	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	1525.273	38.71	74.0	35.29	Peak	317.00	100	Horizontal	Pass
1**	1525.273	29.80	54.0	24.20	AV	317.00	100	Horizontal	Pass
2	2273.651	43.62	74.0	30.38	Peak	181.00	400	Horizontal	Pass
2**	2273.651	35.85	54.0	18.15	AV	181.00	400	Horizontal	Pass
3	4047.197	45.04	74.0	28.96	Peak	149.00	200	Horizontal	Pass
3**	4047.197	35.62	54.0	18.38	AV	149.00	200	Horizontal	Pass
4	7623.088	55.29	74.0	18.71	Peak	98.00	100	Horizontal	Pass
4**	7623.088	46.28	54.0	7.72	AV	98.00	100	Horizontal	Pass
5	12450.939	52.37	74.0	21.63	Peak	223.00	100	Horizontal	Pass
5**	12450.939	46.51	54.0	7.49	AV	223.00	100	Horizontal	Pass
6	15902.140	54.39	74.0	19.61	Peak	118.00	300	Horizontal	Pass
6**	15902.140	41.81	54.0	12.19	AV	118.00	300	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.316	36.57	74.0	37.43	Peak	128.00	300	Vertical	Pass
1**	1528.316	31.44	54.0	22.56	AV	128.00	300	Vertical	Pass
2	2332.189	45.76	74.0	28.24	Peak	130.00	100	Vertical	Pass
2**	2332.189	33.98	54.0	20.02	AV	130.00	100	Vertical	Pass
3	4899.532	48.96	74.0	25.04	Peak	296.00	200	Vertical	Pass
3**	4899.532	40.29	54.0	13.71	AV	296.00	200	Vertical	Pass
4	7328.218	50.49	74.0	23.51	Peak	359.00	300	Vertical	Pass
4**	7328.218	46.49	54.0	7.51	AV	359.00	300	Vertical	Pass
5	12484.827	53.38	74.0	20.62	Peak	256.00	300	Vertical	Pass
5**	12484.827	44.34	54.0	9.66	AV	256.00	300	Vertical	Pass
6	15691.371	55.10	74.0	18.90	Peak	307.00	400	Vertical	Pass
6**	15691.371	42.21	54.0	11.79	AV	307.00	400	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.960	40.11	74.0	33.89	Peak	283.00	100	Horizontal	Pass
1**	1524.960	26.31	54.0	27.69	AV	283.00	100	Horizontal	Pass
2	2271.741	41.62	74.0	32.38	Peak	269.00	100	Horizontal	Pass
2**	2271.741	32.83	54.0	21.17	AV	269.00	100	Horizontal	Pass
3	4046.011	47.76	74.0	26.24	Peak	247.00	200	Horizontal	Pass
3**	4046.011	34.28	54.0	19.72	AV	247.00	200	Horizontal	Pass
4	7623.712	51.22	74.0	22.78	Peak	115.00	300	Horizontal	Pass
4**	7623.712	45.17	54.0	8.83	AV	115.00	300	Horizontal	Pass
5	12457.512	51.13	74.0	22.87	Peak	219.00	300	Horizontal	Pass
5**	12457.512	46.75	54.0	7.25	AV	219.00	300	Horizontal	Pass
6	15907.570	55.86	74.0	18.14	Peak	165.00	400	Horizontal	Pass
6**	15907.570	46.76	54.0	7.24	AV	165.00	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	1527.787	38.44	74.0	35.56	Peak	162.00	400	Vertical	Pass
1**	1527.787	26.87	54.0	27.13	AV	162.00	400	Vertical	Pass
2	2336.792	42.16	74.0	31.84	Peak	199.00	100	Vertical	Pass
2**	2336.792	36.63	54.0	17.37	AV	199.00	100	Vertical	Pass
3	4901.146	51.01	74.0	22.99	Peak	0.00	200	Vertical	Pass
3**	4901.146	41.06	54.0	12.94	AV	0.00	200	Vertical	Pass
4	7330.811	51.60	74.0	22.40	Peak	71.00	200	Vertical	Pass
4**	7330.811	42.28	54.0	11.72	AV	71.00	200	Vertical	Pass
5	12486.324	51.76	74.0	22.24	Peak	195.00	100	Vertical	Pass
5**	12486.324	43.10	54.0	10.90	AV	195.00	100	Vertical	Pass
6	15694.920	55.75	74.0	18.25	Peak	175.00	100	Vertical	Pass
6**	15694.920	43.71	54.0	10.29	AV	175.00	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	1526.094	37.47	74.0	36.53	Peak	147.00	400	Horizontal	Pass
1**	1526.094	27.25	54.0	26.75	AV	147.00	400	Horizontal	Pass
2	2278.727	42.06	74.0	31.94	Peak	50.00	300	Horizontal	Pass
2**	2278.727	34.79	54.0	19.21	AV	50.00	300	Horizontal	Pass
3	4047.844	45.43	74.0	28.57	Peak	185.00	200	Horizontal	Pass
3**	4047.844	36.36	54.0	17.64	AV	185.00	200	Horizontal	Pass
4	7616.624	50.78	74.0	23.22	Peak	178.00	200	Horizontal	Pass
4**	7616.624	44.29	54.0	9.71	AV	178.00	200	Horizontal	Pass
5	12458.011	51.29	74.0	22.71	Peak	236.00	100	Horizontal	Pass
5**	12458.011	41.65	54.0	12.35	AV	236.00	100	Horizontal	Pass
6	15901.109	55.48	74.0	18.52	Peak	347.00	100	Horizontal	Pass
6**	15901.109	42.81	54.0	11.19	AV	347.00	100	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	1531.238	37.24	74.0	36.76	Peak	145.00	400	Vertical	Pass
1**	1531.238	27.34	54.0	26.66	AV	145.00	400	Vertical	Pass
2	2331.812	45.18	74.0	28.82	Peak	136.00	100	Vertical	Pass
2**	2331.812	33.12	54.0	20.88	AV	136.00	100	Vertical	Pass
3	4899.399	47.79	74.0	26.21	Peak	350.00	200	Vertical	Pass
3**	4899.399	40.79	54.0	13.21	AV	350.00	200	Vertical	Pass
4	7327.346	55.94	74.0	18.06	Peak	295.00	400	Vertical	Pass
4**	7327.346	41.67	54.0	12.33	AV	295.00	400	Vertical	Pass
5	12485.883	51.24	74.0	22.76	Peak	164.00	200	Vertical	Pass
5**	12485.883	41.63	54.0	12.37	AV	164.00	200	Vertical	Pass
6	15690.193	56.52	74.0	17.48	Peak	338.00	100	Vertical	Pass
6**	15690.193	46.56	54.0	7.44	AV	338.00	100	Vertical	Pass

11n40, 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	1524.521	41.16	74.0	32.84	Peak	312.00	400	Horizontal	Pass
1**	1524.521	30.58	54.0	23.42	AV	312.00	400	Horizontal	Pass
2	2277.671	46.39	74.0	27.61	Peak	263.00	100	Horizontal	Pass
2**	2277.671	36.37	54.0	17.63	AV	263.00	100	Horizontal	Pass
3	4045.496	45.98	74.0	28.02	Peak	312.00	200	Horizontal	Pass
3**	4045.496	36.64	54.0	17.36	AV	312.00	200	Horizontal	Pass
4	7621.091	51.99	74.0	22.01	Peak	311.00	300	Horizontal	Pass
4**	7621.091	44.68	54.0	9.32	AV	311.00	300	Horizontal	Pass
5	12452.922	55.45	74.0	18.55	Peak	94.00	300	Horizontal	Pass
5**	12452.922	42.34	54.0	11.66	AV	94.00	300	Horizontal	Pass
6	15899.889	53.21	74.0	20.79	Peak	134.00	100	Horizontal	Pass
6**	15899.889	44.89	54.0	9.11	AV	134.00	100	Horizontal	Pass

11n40, 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	1527.551	40.33	74.0	33.67	Peak	135.00	200	Vertical	Pass
1**	1527.551	26.78	54.0	27.22	AV	135.00	200	Vertical	Pass
2	2332.155	42.44	74.0	31.56	Peak	27.00	200	Vertical	Pass
2**	2332.155	35.56	54.0	18.44	AV	27.00	200	Vertical	Pass
3	4902.732	50.14	74.0	23.86	Peak	159.00	200	Vertical	Pass
3**	4902.732	41.04	54.0	12.96	AV	159.00	200	Vertical	Pass
4	7323.413	52.16	74.0	21.84	Peak	125.00	300	Vertical	Pass
4**	7323.413	44.49	54.0	9.51	AV	125.00	300	Vertical	Pass
5	12484.272	55.91	74.0	18.09	Peak	333.00	200	Vertical	Pass
5**	12484.272	46.81	54.0	7.19	AV	333.00	200	Vertical	Pass
6	15693.725	50.91	74.0	23.09	Peak	314.00	100	Vertical	Pass
6**	15693.725	43.68	54.0	10.32	AV	314.00	100	Vertical	Pass

11n40, 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	1528.075	36.97	74.0	37.03	Peak	48.00	100	Horizontal	Pass
1**	1528.075	30.01	54.0	23.99	AV	48.00	100	Horizontal	Pass
2	2275.435	40.95	74.0	33.05	Peak	231.00	300	Horizontal	Pass
2**	2275.435	37.00	54.0	17.00	AV	231.00	300	Horizontal	Pass
3	4043.893	46.91	74.0	27.09	Peak	31.00	200	Horizontal	Pass
3**	4043.893	37.39	54.0	16.61	AV	31.00	200	Horizontal	Pass
4	7617.911	53.66	74.0	20.34	Peak	337.00	200	Horizontal	Pass
4**	7617.911	45.27	54.0	8.73	AV	337.00	200	Horizontal	Pass
5	12452.271	52.26	74.0	21.74	Peak	201.00	200	Horizontal	Pass
5**	12452.271	42.66	54.0	11.34	AV	201.00	200	Horizontal	Pass
6	15901.991	55.49	74.0	18.51	Peak	109.00	300	Horizontal	Pass
6**	15901.991	47.25	54.0	6.75	AV	109.00	300	Horizontal	Pass

11n40, 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	1533.361	35.87	74.0	38.13	Peak	294.00	100	Vertical	Pass
1**	1533.361	31.27	54.0	22.73	AV	294.00	100	Vertical	Pass
2	2334.424	46.23	74.0	27.77	Peak	326.00	400	Vertical	Pass
2**	2334.424	34.88	54.0	19.12	AV	326.00	400	Vertical	Pass
3	4897.659	48.36	74.0	25.64	Peak	322.00	200	Vertical	Pass
3**	4897.659	37.69	54.0	16.31	AV	322.00	200	Vertical	Pass
4	7323.287	55.13	74.0	18.87	Peak	54.00	300	Vertical	Pass
4**	7323.287	44.98	54.0	9.02	AV	54.00	300	Vertical	Pass
5	12484.646	51.42	74.0	22.58	Peak	228.00	300	Vertical	Pass
5**	12484.646	45.57	54.0	8.43	AV	228.00	300	Vertical	Pass
6	15691.256	53.50	74.0	20.50	Peak	247.00	400	Vertical	Pass
6**	15691.256	45.49	54.0	8.51	AV	247.00	400	Vertical	Pass

11ac20, 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	1525.127	38.99	74.0	35.01	Peak	288.00	400	Horizontal	Pass
1**	1525.127	30.43	54.0	23.57	AV	288.00	400	Horizontal	Pass
2	2275.941	44.64	74.0	29.36	Peak	331.00	300	Horizontal	Pass
2**	2275.941	35.04	54.0	18.96	AV	331.00	300	Horizontal	Pass
3	4049.781	48.94	74.0	25.06	Peak	32.00	200	Horizontal	Pass
3**	4049.781	38.75	54.0	15.25	AV	32.00	200	Horizontal	Pass
4	7620.025	52.57	74.0	21.43	Peak	0.00	100	Horizontal	Pass
4**	7620.025	44.14	54.0	9.86	AV	0.00	100	Horizontal	Pass
5	12455.797	50.56	74.0	23.44	Peak	230.00	300	Horizontal	Pass
5**	12455.797	44.62	54.0	9.38	AV	230.00	300	Horizontal	Pass
6	15907.134	53.80	74.0	20.20	Peak	203.00	100	Horizontal	Pass
6**	15907.134	46.33	54.0	7.67	AV	203.00	100	Horizontal	Pass

11ac20, 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	1530.962	37.40	74.0	36.60	Peak	124.00	100	Vertical	Pass
1**	1530.962	29.23	54.0	24.77	AV	124.00	100	Vertical	Pass
2	2333.943	45.18	74.0	28.82	Peak	61.00	100	Vertical	Pass
2**	2333.943	37.40	54.0	16.60	AV	61.00	100	Vertical	Pass
3	4901.527	51.98	74.0	22.02	Peak	167.00	200	Vertical	Pass
3**	4901.527	40.46	54.0	13.54	AV	167.00	200	Vertical	Pass
4	7330.535	51.19	74.0	22.81	Peak	167.00	100	Vertical	Pass
4**	7330.535	41.76	54.0	12.24	AV	167.00	100	Vertical	Pass
5	12487.459	55.17	74.0	18.83	Peak	273.00	100	Vertical	Pass
5**	12487.459	41.51	54.0	12.49	AV	273.00	100	Vertical	Pass
6	15691.886	50.91	74.0	23.09	Peak	154.00	200	Vertical	Pass
6**	15691.886	41.85	54.0	12.15	AV	154.00	200	Vertical	Pass

11ac20, 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	1525.451	39.91	74.0	34.09	Peak	42.00	400	Horizontal	Pass
1**	1525.451	29.67	54.0	24.33	AV	42.00	400	Horizontal	Pass
2	2272.832	41.63	74.0	32.37	Peak	56.00	400	Horizontal	Pass
2**	2272.832	32.64	54.0	21.36	AV	56.00	400	Horizontal	Pass
3	4042.788	45.03	74.0	28.97	Peak	252.00	200	Horizontal	Pass
3**	4042.788	35.28	54.0	18.72	AV	252.00	200	Horizontal	Pass
4	7621.184	51.91	74.0	22.09	Peak	62.00	200	Horizontal	Pass
4**	7621.184	42.02	54.0	11.98	AV	62.00	200	Horizontal	Pass
5	12451.177	51.28	74.0	22.72	Peak	32.00	300	Horizontal	Pass
5**	12451.177	43.67	54.0	10.33	AV	32.00	300	Horizontal	Pass
6	15900.548	55.27	74.0	18.73	Peak	281.00	400	Horizontal	Pass
6**	15900.548	45.29	54.0	8.71	AV	281.00	400	Horizontal	Pass

11ac20, 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	1533.364	37.53	74.0	36.47	Peak	166.00	100	Vertical	Pass
1**	1533.364	25.62	54.0	28.38	AV	166.00	100	Vertical	Pass
2	2335.677	46.66	74.0	27.34	Peak	173.00	100	Vertical	Pass
2**	2335.677	32.49	54.0	21.51	AV	173.00	100	Vertical	Pass
3	4901.027	48.98	74.0	25.02	Peak	274.00	200	Vertical	Pass
3**	4901.027	37.32	54.0	16.68	AV	274.00	200	Vertical	Pass
4	7325.481	55.88	74.0	18.12	Peak	78.00	400	Vertical	Pass
4**	7325.481	45.25	54.0	8.75	AV	78.00	400	Vertical	Pass
5	12485.750	52.47	74.0	21.53	Peak	104.00	400	Vertical	Pass
5**	12485.750	43.71	54.0	10.29	AV	104.00	400	Vertical	Pass
6	15691.882	53.43	74.0	20.57	Peak	344.00	100	Vertical	Pass
6**	15691.882	43.20	54.0	10.80	AV	344.00	100	Vertical	Pass

11ac20, 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	1527.854	39.92	74.0	34.08	Peak	214.00	100	Horizontal	Pass
1**	1527.854	26.24	54.0	27.76	AV	214.00	100	Horizontal	Pass
2	2272.398	40.84	74.0	33.16	Peak	259.00	100	Horizontal	Pass
2**	2272.398	32.12	54.0	21.88	AV	259.00	100	Horizontal	Pass
3	4044.391	50.02	74.0	23.98	Peak	92.00	200	Horizontal	Pass
3**	4044.391	39.95	54.0	14.05	AV	92.00	200	Horizontal	Pass
4	7621.314	53.21	74.0	20.79	Peak	259.00	400	Horizontal	Pass
4**	7621.314	46.33	54.0	7.67	AV	259.00	400	Horizontal	Pass
5	12450.564	51.44	74.0	22.56	Peak	221.00	100	Horizontal	Pass
5**	12450.564	43.90	54.0	10.10	AV	221.00	100	Horizontal	Pass
6	15904.466	54.13	74.0	19.87	Peak	40.00	300	Horizontal	Pass
6**	15904.466	45.57	54.0	8.43	AV	40.00	300	Horizontal	Pass

11ac20, 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	1528.510	36.70	74.0	37.30	Peak	66.00	200	Vertical	Pass
1**	1528.510	27.21	54.0	26.79	AV	66.00	200	Vertical	Pass
2	2338.425	44.40	74.0	29.60	Peak	296.00	300	Vertical	Pass
2**	2338.425	34.10	54.0	19.90	AV	296.00	300	Vertical	Pass
3	4897.523	48.13	74.0	25.87	Peak	67.00	200	Vertical	Pass
3**	4897.523	39.96	54.0	14.04	AV	67.00	200	Vertical	Pass
4	7324.906	53.30	74.0	20.70	Peak	233.00	200	Vertical	Pass
4**	7324.906	41.78	54.0	12.22	AV	233.00	200	Vertical	Pass
5	12483.021	52.68	74.0	21.32	Peak	298.00	300	Vertical	Pass
5**	12483.021	46.22	54.0	7.78	AV	298.00	300	Vertical	Pass
6	15691.987	53.02	74.0	20.98	Peak	57.00	100	Vertical	Pass
6**	15691.987	44.11	54.0	9.89	AV	57.00	100	Vertical	Pass

11ac40, 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	1527.031	36.19	74.0	37.81	Peak	314.00	200	Horizontal	Pass
1**	1527.031	29.96	54.0	24.04	AV	314.00	200	Horizontal	Pass
2	2272.865	44.23	74.0	29.77	Peak	111.00	200	Horizontal	Pass
2**	2272.865	31.96	54.0	22.04	AV	111.00	200	Horizontal	Pass
3	4047.970	48.04	74.0	25.96	Peak	77.00	200	Horizontal	Pass
3**	4047.970	39.34	54.0	14.66	AV	77.00	200	Horizontal	Pass
4	7616.693	54.09	74.0	19.91	Peak	193.00	400	Horizontal	Pass
4**	7616.693	45.37	54.0	8.63	AV	193.00	400	Horizontal	Pass
5	12456.571	55.18	74.0	18.82	Peak	356.00	100	Horizontal	Pass
5**	12456.571	43.20	54.0	10.80	AV	356.00	100	Horizontal	Pass
6	15903.400	56.17	74.0	17.83	Peak	168.00	200	Horizontal	Pass
6**	15903.400	46.24	54.0	7.76	AV	168.00	200	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.974	39.83	74.0	34.17	Peak	94.00	100	Vertical	Pass
1**	1532.974	25.72	54.0	28.28	AV	94.00	100	Vertical	Pass
2	2339.305	45.32	74.0	28.68	Peak	291.00	100	Vertical	Pass
2**	2339.305	33.89	54.0	20.11	AV	291.00	100	Vertical	Pass
3	4897.729	48.88	74.0	25.12	Peak	228.00	200	Vertical	Pass
3**	4897.729	41.17	54.0	12.83	AV	228.00	200	Vertical	Pass
4	7324.432	54.85	74.0	19.15	Peak	101.00	400	Vertical	Pass
4**	7324.432	44.07	54.0	9.93	AV	101.00	400	Vertical	Pass
5	12482.504	51.25	74.0	22.75	Peak	251.00	200	Vertical	Pass
5**	12482.504	44.74	54.0	9.26	AV	251.00	200	Vertical	Pass
6	15692.003	51.28	74.0	22.72	Peak	130.00	300	Vertical	Pass
6**	15692.003	41.63	54.0	12.37	AV	130.00	300	Vertical	Pass

11ac40, 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	1524.736	41.37	74.0	32.63	Peak	197.00	100	Horizontal	Pass
1**	1524.736	29.53	54.0	24.47	AV	197.00	100	Horizontal	Pass
2	2274.857	43.43	74.0	30.57	Peak	263.00	200	Horizontal	Pass
2**	2274.857	32.51	54.0	21.49	AV	263.00	200	Horizontal	Pass
3	4046.372	47.11	74.0	26.89	Peak	326.00	200	Horizontal	Pass
3**	4046.372	35.07	54.0	18.93	AV	326.00	200	Horizontal	Pass
4	7622.856	51.14	74.0	22.86	Peak	275.00	300	Horizontal	Pass
4**	7622.856	45.82	54.0	8.18	AV	275.00	300	Horizontal	Pass
5	12453.425	50.97	74.0	23.03	Peak	228.00	400	Horizontal	Pass
5**	12453.425	47.05	54.0	6.95	AV	228.00	400	Horizontal	Pass
6	15903.741	56.32	74.0	17.68	Peak	169.00	100	Horizontal	Pass
6**	15903.741	42.42	54.0	11.58	AV	169.00	100	Horizontal	Pass

11ac40, 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	1528.090	36.75	74.0	37.25	Peak	359.00	200	Vertical	Pass
1**	1528.090	28.53	54.0	25.47	AV	359.00	200	Vertical	Pass
2	2336.393	46.41	74.0	27.59	Peak	204.00	400	Vertical	Pass
2**	2336.393	37.17	54.0	16.83	AV	204.00	400	Vertical	Pass
3	4896.723	52.93	74.0	21.07	Peak	106.00	200	Vertical	Pass
3**	4896.723	41.24	54.0	12.76	AV	106.00	200	Vertical	Pass
4	7329.443	56.21	74.0	17.79	Peak	213.00	400	Vertical	Pass
4**	7329.443	45.67	54.0	8.33	AV	213.00	400	Vertical	Pass
5	12484.740	54.22	74.0	19.78	Peak	204.00	200	Vertical	Pass
5**	12484.740	41.89	54.0	12.11	AV	204.00	200	Vertical	Pass
6	15688.408	55.15	74.0	18.85	Peak	245.00	300	Vertical	Pass
6**	15688.408	46.34	54.0	7.66	AV	245.00	300	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.513	37.64	74.0	36.36	Peak	190.00	200	Horizontal	Pass
1**	1526.513	28.80	54.0	25.20	AV	190.00	200	Horizontal	Pass
2	2276.961	41.82	74.0	32.18	Peak	271.00	100	Horizontal	Pass
2**	2276.961	37.14	54.0	16.86	AV	271.00	100	Horizontal	Pass
3	4042.967	44.68	74.0	29.32	Peak	132.00	200	Horizontal	Pass
3**	4042.967	38.95	54.0	15.05	AV	132.00	200	Horizontal	Pass
4	7616.753	52.16	74.0	21.84	Peak	342.00	100	Horizontal	Pass
4**	7616.753	41.69	54.0	12.31	AV	342.00	100	Horizontal	Pass
5	12458.539	50.09	74.0	23.91	Peak	162.00	100	Horizontal	Pass
5**	12458.539	45.51	54.0	8.49	AV	162.00	100	Horizontal	Pass
6	15903.442	55.24	74.0	18.76	Peak	240.00	400	Horizontal	Pass
6**	15903.442	41.89	54.0	12.11	AV	240.00	400	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.632	38.91	74.0	35.09	Peak	333.00	100	Vertical	Pass
1**	1530.632	26.90	54.0	27.10	AV	333.00	100	Vertical	Pass
2	2336.904	44.78	74.0	29.22	Peak	74.00	300	Vertical	Pass
2**	2336.904	34.57	54.0	19.43	AV	74.00	300	Vertical	Pass
3	4896.287	48.34	74.0	25.66	Peak	62.00	200	Vertical	Pass
3**	4896.287	39.47	54.0	14.53	AV	62.00	200	Vertical	Pass
4	7324.454	54.37	74.0	19.63	Peak	107.00	400	Vertical	Pass
4**	7324.454	42.30	54.0	11.70	AV	107.00	400	Vertical	Pass
5	12484.492	54.53	74.0	19.47	Peak	99.00	400	Vertical	Pass
5**	12484.492	45.90	54.0	8.10	AV	99.00	400	Vertical	Pass
6	15690.611	55.40	74.0	18.60	Peak	163.00	300	Vertical	Pass
6**	15690.611	41.94	54.0	12.06	AV	163.00	300	Vertical	Pass

11a, U-NII-2C, 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	1526.385	36.65	74.0	37.35	Peak	162.00	300	Horizontal	Pass
1**	1526.385	28.78	54.0	25.22	AV	162.00	300	Horizontal	Pass
2	2271.107	42.39	74.0	31.61	Peak	34.00	400	Horizontal	Pass
2**	2271.107	34.09	54.0	19.91	AV	34.00	400	Horizontal	Pass
3	4043.327	46.88	74.0	27.12	Peak	58.00	200	Horizontal	Pass
3**	4043.327	35.15	54.0	18.85	AV	58.00	200	Horizontal	Pass
4	7620.186	53.24	74.0	20.76	Peak	26.00	200	Horizontal	Pass
4**	7620.186	43.92	54.0	10.08	AV	26.00	200	Horizontal	Pass
5	12454.486	51.88	74.0	22.12	Peak	277.00	400	Horizontal	Pass
5**	12454.486	47.10	54.0	6.90	AV	277.00	400	Horizontal	Pass
6	15905.059	53.39	74.0	20.61	Peak	90.00	200	Horizontal	Pass
6**	15905.059	47.08	54.0	6.92	AV	90.00	200	Horizontal	Pass

11a, U-NII-2C, 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	1599.178	40.14	74.0	33.86	Peak	126.00	100	Vertical	Pass
1**	1599.178	27.00	54.0	27.00	AV	126.00	100	Vertical	Pass
2	2227.191	40.64	74.0	33.36	Peak	111.00	300	Vertical	Pass
2**	2227.191	28.73	54.0	25.27	AV	111.00	300	Vertical	Pass
3	4261.821	47.90	74.0	26.10	Peak	330.00	200	Vertical	Pass
3**	4261.821	38.63	54.0	15.37	AV	330.00	200	Vertical	Pass
4	7704.600	55.35	74.0	18.65	Peak	122.00	100	Vertical	Pass
4**	7704.600	44.05	54.0	9.95	AV	122.00	100	Vertical	Pass
5	12498.769	50.98	74.0	23.02	Peak	76.00	300	Vertical	Pass
5**	12498.769	44.10	54.0	9.90	AV	76.00	300	Vertical	Pass
6	15671.252	55.74	74.0	18.26	Peak	155.00	400	Vertical	Pass
6**	15671.252	40.42	54.0	13.58	AV	155.00	400	Vertical	Pass

11a, U-NII-2C, 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	1528.134	37.49	74.0	36.51	Peak	329.00	100	Horizontal	Pass
1**	1528.134	31.53	54.0	22.47	AV	329.00	100	Horizontal	Pass
2	2274.314	44.16	74.0	29.84	Peak	70.00	300	Horizontal	Pass
2**	2274.314	34.56	54.0	19.44	AV	70.00	300	Horizontal	Pass
3	4049.385	48.13	74.0	25.87	Peak	118.00	200	Horizontal	Pass
3**	4049.385	38.21	54.0	15.79	AV	118.00	200	Horizontal	Pass
4	7619.686	54.55	74.0	19.45	Peak	128.00	400	Horizontal	Pass
4**	7619.686	41.03	54.0	12.97	AV	128.00	400	Horizontal	Pass
5	12457.976	51.71	74.0	22.29	Peak	161.00	400	Horizontal	Pass
5**	12457.976	41.80	54.0	12.20	AV	161.00	400	Horizontal	Pass
6	15903.133	55.00	74.0	19.00	Peak	307.00	400	Horizontal	Pass
6**	15903.133	44.44	54.0	9.56	AV	307.00	400	Horizontal	Pass

11a, U-NII-2C, 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	1598.388	42.07	74.0	31.93	Peak	279.00	100	Vertical	Pass
1**	1598.388	23.38	54.0	30.62	AV	279.00	100	Vertical	Pass
2	2230.893	40.05	74.0	33.95	Peak	77.00	300	Vertical	Pass
2**	2230.893	34.18	54.0	19.82	AV	77.00	300	Vertical	Pass
3	4256.852	47.85	74.0	26.15	Peak	316.00	200	Vertical	Pass
3**	4256.852	38.19	54.0	15.81	AV	316.00	200	Vertical	Pass
4	7708.680	58.16	74.0	15.84	Peak	183.00	300	Vertical	Pass
4**	7708.680	43.63	54.0	10.37	AV	183.00	300	Vertical	Pass
5	12494.790	52.13	74.0	21.87	Peak	303.00	300	Vertical	Pass
5**	12494.790	40.30	54.0	13.70	AV	303.00	300	Vertical	Pass
6	15672.105	52.65	74.0	21.35	Peak	240.00	300	Vertical	Pass
6**	15672.105	45.02	54.0	8.98	AV	240.00	300	Vertical	Pass

11a, U-NII-2C, 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	1524.539	36.27	74.0	37.73	Peak	164.00	400	Horizontal	Pass
1**	1524.539	26.22	54.0	27.78	AV	164.00	400	Horizontal	Pass
2	2271.382	42.96	74.0	31.04	Peak	211.00	400	Horizontal	Pass
2**	2271.382	35.61	54.0	18.39	AV	211.00	400	Horizontal	Pass
3	4042.521	49.52	74.0	24.48	Peak	297.00	200	Horizontal	Pass
3**	4042.521	36.03	54.0	17.97	AV	297.00	200	Horizontal	Pass
4	7617.492	54.85	74.0	19.15	Peak	240.00	100	Horizontal	Pass
4**	7617.492	44.98	54.0	9.02	AV	240.00	100	Horizontal	Pass
5	12452.247	55.06	74.0	18.94	Peak	58.00	100	Horizontal	Pass
5**	12452.247	46.89	54.0	7.11	AV	58.00	100	Horizontal	Pass
6	15904.681	53.56	74.0	20.44	Peak	151.00	400	Horizontal	Pass
6**	15904.681	44.57	54.0	9.43	AV	151.00	400	Horizontal	Pass

11a, U-NII-2C, 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	1601.667	41.92	74.0	32.08	Peak	327.00	300	Vertical	Pass
1**	1601.667	28.33	54.0	25.67	AV	327.00	300	Vertical	Pass
2	2224.655	40.38	74.0	33.62	Peak	22.00	200	Vertical	Pass
2**	2224.655	32.05	54.0	21.95	AV	22.00	200	Vertical	Pass
3	4259.184	44.86	74.0	29.14	Peak	297.00	200	Vertical	Pass
3**	4259.184	39.65	54.0	14.35	AV	297.00	200	Vertical	Pass
4	7706.475	54.79	74.0	19.21	Peak	332.00	300	Vertical	Pass
4**	7706.475	43.11	54.0	10.89	AV	332.00	300	Vertical	Pass
5	12501.296	51.62	74.0	22.38	Peak	323.00	100	Vertical	Pass
5**	12501.296	41.72	54.0	12.28	AV	323.00	100	Vertical	Pass
6	15671.465	53.18	74.0	20.82	Peak	314.00	400	Vertical	Pass
6**	15671.465	40.64	54.0	13.36	AV	314.00	400	Vertical	Pass

11n20, U-NII-2C, 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	1525.318	38.84	74.0	35.16	Peak	346.00	200	Horizontal	Pass
1**	1525.318	26.71	54.0	27.29	AV	346.00	200	Horizontal	Pass
2	2275.723	45.87	74.0	28.13	Peak	179.00	300	Horizontal	Pass
2**	2275.723	31.62	54.0	22.38	AV	179.00	300	Horizontal	Pass
3	4043.248	49.74	74.0	24.26	Peak	156.00	200	Horizontal	Pass
3**	4043.248	38.58	54.0	15.42	AV	156.00	200	Horizontal	Pass
4	7619.433	49.93	74.0	24.07	Peak	36.00	400	Horizontal	Pass
4**	7619.433	43.42	54.0	10.58	AV	36.00	400	Horizontal	Pass
5	12455.163	53.57	74.0	20.43	Peak	171.00	400	Horizontal	Pass
5**	12455.163	43.77	54.0	10.23	AV	171.00	400	Horizontal	Pass
6	15904.959	51.46	74.0	22.54	Peak	285.00	100	Horizontal	Pass
6**	15904.959	44.98	54.0	9.02	AV	285.00	100	Horizontal	Pass

11n20, U-NII-2C, 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	1601.859	38.05	74.0	35.95	Peak	44.00	300	Vertical	Pass
1**	1601.859	26.19	54.0	27.81	AV	44.00	300	Vertical	Pass
2	2224.567	41.01	74.0	32.99	Peak	136.00	300	Vertical	Pass
2**	2224.567	31.57	54.0	22.43	AV	136.00	300	Vertical	Pass
3	4262.096	47.21	74.0	26.79	Peak	102.00	200	Vertical	Pass
3**	4262.096	36.98	54.0	17.02	AV	102.00	200	Vertical	Pass
4	7704.958	55.30	74.0	18.70	Peak	293.00	400	Vertical	Pass
4**	7704.958	42.52	54.0	11.48	AV	293.00	400	Vertical	Pass
5	12495.588	51.38	74.0	22.62	Peak	221.00	300	Vertical	Pass
5**	12495.588	44.28	54.0	9.72	AV	221.00	300	Vertical	Pass
6	15671.185	55.06	74.0	18.94	Peak	14.00	300	Vertical	Pass
6**	15671.185	43.78	54.0	10.22	AV	14.00	300	Vertical	Pass

11n20, U-NII-2C, 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	1527.351	38.75	74.0	35.25	Peak	298.00	300	Horizontal	Pass
1**	1527.351	28.98	54.0	25.02	AV	298.00	300	Horizontal	Pass
2	2278.087	41.20	74.0	32.80	Peak	145.00	100	Horizontal	Pass
2**	2278.087	36.09	54.0	17.91	AV	145.00	100	Horizontal	Pass
3	4045.566	49.70	74.0	24.30	Peak	35.00	200	Horizontal	Pass
3**	4045.566	36.79	54.0	17.21	AV	35.00	200	Horizontal	Pass
4	7620.673	54.59	74.0	19.41	Peak	359.00	100	Horizontal	Pass
4**	7620.673	45.71	54.0	8.29	AV	359.00	100	Horizontal	Pass
5	12455.354	50.92	74.0	23.08	Peak	204.00	200	Horizontal	Pass
5**	12455.354	45.19	54.0	8.81	AV	204.00	200	Horizontal	Pass
6	15905.839	55.75	74.0	18.25	Peak	136.00	100	Horizontal	Pass
6**	15905.839	43.20	54.0	10.80	AV	136.00	100	Horizontal	Pass

11n20, U-NII-2C, 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	1597.280	41.14	74.0	32.86	Peak	255.00	100	Vertical	Pass
1**	1597.280	27.28	54.0	26.72	AV	255.00	100	Vertical	Pass
2	2227.636	38.85	74.0	35.15	Peak	105.00	200	Vertical	Pass
2**	2227.636	30.28	54.0	23.72	AV	105.00	200	Vertical	Pass
3	4254.284	46.12	74.0	27.88	Peak	321.00	200	Vertical	Pass
3**	4254.284	39.80	54.0	14.20	AV	321.00	200	Vertical	Pass
4	7710.229	56.69	74.0	17.31	Peak	240.00	200	Vertical	Pass
4**	7710.229	41.28	54.0	12.72	AV	240.00	200	Vertical	Pass
5	12496.471	54.22	74.0	19.78	Peak	187.00	100	Vertical	Pass
5**	12496.471	42.22	54.0	11.78	AV	187.00	100	Vertical	Pass
6	15670.814	53.16	74.0	20.84	Peak	209.00	300	Vertical	Pass
6**	15670.814	42.31	54.0	11.69	AV	209.00	300	Vertical	Pass

11n20, U-NII-2C, 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	1520.710	39.56	74.0	34.44	Peak	218.00	400	Horizontal	Pass
1**	1520.710	30.12	54.0	23.88	AV	218.00	400	Horizontal	Pass
2	2277.511	42.11	74.0	31.89	Peak	106.00	100	Horizontal	Pass
2**	2277.511	31.39	54.0	22.61	AV	106.00	100	Horizontal	Pass
3	4049.227	47.35	74.0	26.65	Peak	284.00	200	Horizontal	Pass
3**	4049.227	36.40	54.0	17.60	AV	284.00	200	Horizontal	Pass
4	7621.524	53.64	74.0	20.36	Peak	52.00	300	Horizontal	Pass
4**	7621.524	46.11	54.0	7.89	AV	52.00	300	Horizontal	Pass
5	12451.651	52.44	74.0	21.56	Peak	13.00	100	Horizontal	Pass
5**	12451.651	44.25	54.0	9.75	AV	13.00	100	Horizontal	Pass
6	15904.158	53.78	74.0	20.22	Peak	345.00	200	Horizontal	Pass
6**	15904.158	42.64	54.0	11.36	AV	345.00	200	Horizontal	Pass

11n20, U-NII-2C, 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	1597.602	39.29	74.0	34.71	Peak	195.00	200	Vertical	Pass
1**	1597.602	28.19	54.0	25.81	AV	195.00	200	Vertical	Pass
2	2230.471	42.10	74.0	31.90	Peak	99.00	300	Vertical	Pass
2**	2230.471	31.34	54.0	22.66	AV	99.00	300	Vertical	Pass
3	4257.832	49.72	74.0	24.28	Peak	176.00	200	Vertical	Pass
3**	4257.832	38.84	54.0	15.16	AV	176.00	200	Vertical	Pass
4	7710.849	56.09	74.0	17.91	Peak	254.00	400	Vertical	Pass
4**	7710.849	45.41	54.0	8.59	AV	254.00	400	Vertical	Pass
5	12499.540	53.45	74.0	20.55	Peak	209.00	300	Vertical	Pass
5**	12499.540	41.29	54.0	12.71	AV	209.00	300	Vertical	Pass
6	15675.119	53.89	74.0	20.11	Peak	247.00	400	Vertical	Pass
6**	15675.119	40.53	54.0	13.47	AV	247.00	400	Vertical	Pass

11n40, U-NII-2C, 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	1524.753	41.47	74.0	32.53	Peak	205.00	100	Horizontal	Pass
1**	1524.753	26.87	54.0	27.13	AV	205.00	100	Horizontal	Pass
2	2273.129	44.02	74.0	29.98	Peak	178.00	100	Horizontal	Pass
2**	2273.129	32.23	54.0	21.77	AV	178.00	100	Horizontal	Pass
3	4048.830	50.14	74.0	23.86	Peak	238.00	200	Horizontal	Pass
3**	4048.830	35.67	54.0	18.33	AV	238.00	200	Horizontal	Pass
4	7617.490	50.87	74.0	23.13	Peak	333.00	100	Horizontal	Pass
4**	7617.490	45.26	54.0	8.74	AV	333.00	100	Horizontal	Pass
5	12451.438	54.28	74.0	19.72	Peak	132.00	400	Horizontal	Pass
5**	12451.438	46.61	54.0	7.39	AV	132.00	400	Horizontal	Pass
6	15904.002	53.61	74.0	20.39	Peak	233.00	400	Horizontal	Pass
6**	15904.002	47.20	54.0	6.80	AV	233.00	400	Horizontal	Pass

11n40, U-NII-2C, 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	1600.521	42.09	74.0	31.91	Peak	119.00	200	Vertical	Pass
1**	1600.521	28.69	54.0	25.31	AV	119.00	200	Vertical	Pass
2	2229.324	38.52	74.0	35.48	Peak	155.00	100	Vertical	Pass
2**	2229.324	30.79	54.0	23.21	AV	155.00	100	Vertical	Pass
3	4257.665	47.06	74.0	26.94	Peak	225.00	200	Vertical	Pass
3**	4257.665	39.23	54.0	14.77	AV	225.00	200	Vertical	Pass
4	7712.133	54.49	74.0	19.51	Peak	270.00	100	Vertical	Pass
4**	7712.133	44.97	54.0	9.03	AV	270.00	100	Vertical	Pass
5	12497.438	54.86	74.0	19.14	Peak	189.00	400	Vertical	Pass
5**	12497.438	43.64	54.0	10.36	AV	189.00	400	Vertical	Pass
6	15671.299	55.91	74.0	18.09	Peak	115.00	100	Vertical	Pass
6**	15671.299	43.05	54.0	10.95	AV	115.00	100	Vertical	Pass

11n40, U-NII-2C, 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	1527.274	37.31	74.0	36.69	Peak	276.00	200	Horizontal	Pass
1**	1527.274	31.39	54.0	22.61	AV	276.00	200	Horizontal	Pass
2	2278.040	42.20	74.0	31.80	Peak	261.00	300	Horizontal	Pass
2**	2278.040	35.65	54.0	18.35	AV	261.00	300	Horizontal	Pass
3	4049.861	44.16	74.0	29.84	Peak	159.00	200	Horizontal	Pass
3**	4049.861	35.80	54.0	18.20	AV	159.00	200	Horizontal	Pass
4	7620.237	52.10	74.0	21.90	Peak	300.00	400	Horizontal	Pass
4**	7620.237	42.67	54.0	11.33	AV	300.00	400	Horizontal	Pass
5	12457.623	53.20	74.0	20.80	Peak	246.00	200	Horizontal	Pass
5**	12457.623	46.77	54.0	7.23	AV	246.00	200	Horizontal	Pass
6	15902.939	54.91	74.0	19.09	Peak	68.00	200	Horizontal	Pass
6**	15902.939	45.03	54.0	8.97	AV	68.00	200	Horizontal	Pass

11n40, U-NII-2C, 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	1599.459	42.22	74.0	31.78	Peak	243.00	400	Vertical	Pass
1**	1599.459	28.20	54.0	25.80	AV	243.00	400	Vertical	Pass
2	2223.420	40.87	74.0	33.13	Peak	69.00	400	Vertical	Pass
2**	2223.420	33.90	54.0	20.10	AV	69.00	400	Vertical	Pass
3	4260.807	47.03	74.0	26.97	Peak	263.00	200	Vertical	Pass
3**	4260.807	39.22	54.0	14.78	AV	263.00	200	Vertical	Pass
4	7710.631	53.85	74.0	20.15	Peak	266.00	300	Vertical	Pass
4**	7710.631	44.83	54.0	9.17	AV	266.00	300	Vertical	Pass
5	12500.936	55.99	74.0	18.01	Peak	111.00	300	Vertical	Pass
5**	12500.936	44.83	54.0	9.17	AV	111.00	300	Vertical	Pass
6	15668.887	54.89	74.0	19.11	Peak	62.00	400	Vertical	Pass
6**	15668.887	41.09	54.0	12.91	AV	62.00	400	Vertical	Pass

11n40, U-NII-2C, 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	1524.334	39.82	74.0	34.18	Peak	262.00	300	Horizontal	Pass
1**	1524.334	30.42	54.0	23.58	AV	262.00	300	Horizontal	Pass
2	2275.139	46.23	74.0	27.77	Peak	118.00	100	Horizontal	Pass
2**	2275.139	32.87	54.0	21.13	AV	118.00	100	Horizontal	Pass
3	4044.919	48.87	74.0	25.13	Peak	287.00	200	Horizontal	Pass
3**	4044.919	36.98	54.0	17.02	AV	287.00	200	Horizontal	Pass
4	7618.551	55.38	74.0	18.62	Peak	73.00	300	Horizontal	Pass
4**	7618.551	43.71	54.0	10.29	AV	73.00	300	Horizontal	Pass
5	12452.667	52.22	74.0	21.78	Peak	284.00	400	Horizontal	Pass
5**	12452.667	44.47	54.0	9.53	AV	284.00	400	Horizontal	Pass
6	15903.605	51.90	74.0	22.10	Peak	13.00	100	Horizontal	Pass
6**	15903.605	44.01	54.0	9.99	AV	13.00	100	Horizontal	Pass

11n40, U-NII-2C, 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	1597.297	40.43	74.0	33.57	Peak	44.00	400	Vertical	Pass
1**	1597.297	23.04	54.0	30.96	AV	44.00	400	Vertical	Pass
2	2224.792	41.43	74.0	32.57	Peak	7.00	200	Vertical	Pass
2**	2224.792	29.72	54.0	24.28	AV	7.00	200	Vertical	Pass
3	4256.535	47.68	74.0	26.32	Peak	180.00	200	Vertical	Pass
3**	4256.535	35.80	54.0	18.20	AV	180.00	200	Vertical	Pass
4	7709.291	53.87	74.0	20.13	Peak	137.00	200	Vertical	Pass
4**	7709.291	42.74	54.0	11.26	AV	137.00	200	Vertical	Pass
5	12502.433	51.46	74.0	22.54	Peak	294.00	400	Vertical	Pass
5**	12502.433	40.96	54.0	13.04	AV	294.00	400	Vertical	Pass
6	15669.485	56.81	74.0	17.19	Peak	261.00	100	Vertical	Pass
6**	15669.485	43.76	54.0	10.24	AV	261.00	100	Vertical	Pass

11ac20, U-NII-2C, 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	1525.939	37.36	74.0	36.64	Peak	348.00	400	Horizontal	Pass
1**	1525.939	26.81	54.0	27.19	AV	348.00	400	Horizontal	Pass
2	2272.948	45.04	74.0	28.96	Peak	326.00	200	Horizontal	Pass
2**	2272.948	32.57	54.0	21.43	AV	326.00	200	Horizontal	Pass
3	4046.962	47.28	74.0	26.72	Peak	282.00	200	Horizontal	Pass
3**	4046.962	35.02	54.0	18.98	AV	282.00	200	Horizontal	Pass
4	7616.817	50.55	74.0	23.45	Peak	174.00	100	Horizontal	Pass
4**	7616.817	46.36	54.0	7.64	AV	174.00	100	Horizontal	Pass
5	12456.145	51.02	74.0	22.98	Peak	150.00	400	Horizontal	Pass
5**	12456.145	44.81	54.0	9.19	AV	150.00	400	Horizontal	Pass
6	15902.548	56.61	74.0	17.39	Peak	216.00	100	Horizontal	Pass
6**	15902.548	44.16	54.0	9.84	AV	216.00	100	Horizontal	Pass

11ac20, U-NII-2C, 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	1597.901	37.47	74.0	36.53	Peak	245.00	200	Vertical	Pass
1**	1597.901	26.94	54.0	27.06	AV	245.00	200	Vertical	Pass
2	2225.937	40.21	74.0	33.79	Peak	36.00	100	Vertical	Pass
2**	2225.937	30.33	54.0	23.67	AV	36.00	100	Vertical	Pass
3	4256.625	48.15	74.0	25.85	Peak	268.00	200	Vertical	Pass
3**	4256.625	39.53	54.0	14.47	AV	268.00	200	Vertical	Pass
4	7706.789	54.42	74.0	19.58	Peak	217.00	100	Vertical	Pass
4**	7706.789	40.68	54.0	13.32	AV	217.00	100	Vertical	Pass
5	12496.485	54.65	74.0	19.35	Peak	134.00	100	Vertical	Pass
5**	12496.485	45.27	54.0	8.73	AV	134.00	100	Vertical	Pass
6	15672.307	56.57	74.0	17.43	Peak	31.00	200	Vertical	Pass
6**	15672.307	45.00	54.0	9.00	AV	31.00	200	Vertical	Pass

11ac20, U-NII-2C, 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	1522.049	36.85	74.0	37.15	Peak	188.00	100	Horizontal	Pass
1**	1522.049	30.01	54.0	23.99	AV	188.00	100	Horizontal	Pass
2	2275.364	44.93	74.0	29.07	Peak	227.00	400	Horizontal	Pass
2**	2275.364	35.89	54.0	18.11	AV	227.00	400	Horizontal	Pass
3	4043.444	46.51	74.0	27.49	Peak	148.00	200	Horizontal	Pass
3**	4043.444	37.58	54.0	16.42	AV	148.00	200	Horizontal	Pass
4	7623.857	51.91	74.0	22.09	Peak	27.00	100	Horizontal	Pass
4**	7623.857	41.33	54.0	12.67	AV	27.00	100	Horizontal	Pass
5	12456.980	53.35	74.0	20.65	Peak	5.00	200	Horizontal	Pass
5**	12456.980	45.04	54.0	8.96	AV	5.00	200	Horizontal	Pass
6	15907.591	54.17	74.0	19.83	Peak	161.00	400	Horizontal	Pass
6**	15907.591	41.72	54.0	12.28	AV	161.00	400	Horizontal	Pass

11ac20, U-NII-2C, 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	1599.360	39.84	74.0	34.16	Peak	188.00	300	Vertical	Pass
1**	1599.360	28.10	54.0	25.90	AV	188.00	300	Vertical	Pass
2	2228.823	38.38	74.0	35.62	Peak	179.00	400	Vertical	Pass
2**	2228.823	32.45	54.0	21.55	AV	179.00	400	Vertical	Pass
3	4257.816	47.66	74.0	26.34	Peak	205.00	200	Vertical	Pass
3**	4257.816	36.77	54.0	17.23	AV	205.00	200	Vertical	Pass
4	7708.836	52.77	74.0	21.23	Peak	40.00	400	Vertical	Pass
4**	7708.836	43.05	54.0	10.95	AV	40.00	400	Vertical	Pass
5	12496.681	55.02	74.0	18.98	Peak	327.00	200	Vertical	Pass
5**	12496.681	45.14	54.0	8.86	AV	327.00	200	Vertical	Pass
6	15672.796	58.36	74.0	15.64	Peak	54.00	300	Vertical	Pass
6**	15672.796	45.19	54.0	8.81	AV	54.00	300	Vertical	Pass

11ac20, U-NII-2C, 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	1527.586	35.57	74.0	38.43	Peak	323.00	400	Horizontal	Pass
1**	1527.586	30.78	54.0	23.22	AV	323.00	400	Horizontal	Pass
2	2274.175	44.28	74.0	29.72	Peak	307.00	400	Horizontal	Pass
2**	2274.175	33.94	54.0	20.06	AV	307.00	400	Horizontal	Pass
3	4049.416	48.39	74.0	25.61	Peak	246.00	200	Horizontal	Pass
3**	4049.416	37.11	54.0	16.89	AV	246.00	200	Horizontal	Pass
4	7617.385	53.46	74.0	20.54	Peak	231.00	200	Horizontal	Pass
4**	7617.385	41.77	54.0	12.23	AV	231.00	200	Horizontal	Pass
5	12454.735	54.19	74.0	19.81	Peak	214.00	300	Horizontal	Pass
5**	12454.735	44.98	54.0	9.02	AV	214.00	300	Horizontal	Pass
6	15903.503	52.58	74.0	21.42	Peak	63.00	400	Horizontal	Pass
6**	15903.503	41.75	54.0	12.25	AV	63.00	400	Horizontal	Pass

11ac20, U-NII-2C, 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	1601.322	40.35	74.0	33.65	Peak	180.00	300	Vertical	Pass
1**	1601.322	24.02	54.0	29.98	AV	180.00	300	Vertical	Pass
2	2230.310	40.90	74.0	33.10	Peak	1.00	200	Vertical	Pass
2**	2230.310	31.23	54.0	22.77	AV	1.00	200	Vertical	Pass
3	4258.504	49.11	74.0	24.89	Peak	134.00	200	Vertical	Pass
3**	4258.504	37.13	54.0	16.87	AV	134.00	200	Vertical	Pass
4	7712.000	57.81	74.0	16.19	Peak	336.00	200	Vertical	Pass
4**	7712.000	41.05	54.0	12.95	AV	336.00	200	Vertical	Pass
5	12497.834	51.69	74.0	22.31	Peak	338.00	200	Vertical	Pass
5**	12497.834	41.91	54.0	12.09	AV	338.00	200	Vertical	Pass
6	15669.879	53.52	74.0	20.48	Peak	59.00	400	Vertical	Pass
6**	15669.879	42.23	54.0	11.77	AV	59.00	400	Vertical	Pass

11ac40, U-NII-2C, 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	1521.333	39.22	74.0	34.78	Peak	183.00	200	Horizontal	Pass
1**	1521.333	25.59	54.0	28.41	AV	183.00	200	Horizontal	Pass
2	2276.572	43.05	74.0	30.95	Peak	210.00	300	Horizontal	Pass
2**	2276.572	32.14	54.0	21.86	AV	210.00	300	Horizontal	Pass
3	4048.591	49.09	74.0	24.91	Peak	133.00	200	Horizontal	Pass
3**	4048.591	38.80	54.0	15.20	AV	133.00	200	Horizontal	Pass
4	7622.237	53.30	74.0	20.70	Peak	262.00	200	Horizontal	Pass
4**	7622.237	44.21	54.0	9.79	AV	262.00	200	Horizontal	Pass
5	12454.502	54.40	74.0	19.60	Peak	54.00	300	Horizontal	Pass
5**	12454.502	46.54	54.0	7.46	AV	54.00	300	Horizontal	Pass
6	15904.834	53.38	74.0	20.62	Peak	103.00	400	Horizontal	Pass
6**	15904.834	45.27	54.0	8.73	AV	103.00	400	Horizontal	Pass

11ac40, U-NII-2C, 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	1598.994	37.88	74.0	36.12	Peak	200.00	300	Vertical	Pass
1**	1598.994	22.99	54.0	31.01	AV	200.00	300	Vertical	Pass
2	2226.483	42.66	74.0	31.34	Peak	318.00	400	Vertical	Pass
2**	2226.483	28.58	54.0	25.42	AV	318.00	400	Vertical	Pass
3	4258.639	45.14	74.0	28.86	Peak	19.00	200	Vertical	Pass
3**	4258.639	39.78	54.0	14.22	AV	19.00	200	Vertical	Pass
4	7705.384	53.26	74.0	20.74	Peak	219.00	100	Vertical	Pass
4**	7705.384	41.15	54.0	12.85	AV	219.00	100	Vertical	Pass
5	12497.338	53.50	74.0	20.50	Peak	20.00	300	Vertical	Pass
5**	12497.338	41.90	54.0	12.10	AV	20.00	300	Vertical	Pass
6	15671.074	52.93	74.0	21.07	Peak	1.00	300	Vertical	Pass
6**	15671.074	42.49	54.0	11.51	AV	1.00	300	Vertical	Pass

11ac40, U-NII-2C, 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	1522.491	37.50	74.0	36.50	Peak	33.00	300	Horizontal	Pass
1**	1522.491	30.14	54.0	23.86	AV	33.00	300	Horizontal	Pass
2	2275.881	42.91	74.0	31.09	Peak	278.00	200	Horizontal	Pass
2**	2275.881	36.46	54.0	17.54	AV	278.00	200	Horizontal	Pass
3	4046.673	47.90	74.0	26.10	Peak	249.00	200	Horizontal	Pass
3**	4046.673	38.94	54.0	15.06	AV	249.00	200	Horizontal	Pass
4	7622.174	52.91	74.0	21.09	Peak	258.00	400	Horizontal	Pass
4**	7622.174	42.25	54.0	11.75	AV	258.00	400	Horizontal	Pass
5	12454.309	54.83	74.0	19.17	Peak	182.00	200	Horizontal	Pass
5**	12454.309	45.02	54.0	8.98	AV	182.00	200	Horizontal	Pass
6	15902.612	53.94	74.0	20.06	Peak	121.00	100	Horizontal	Pass
6**	15902.612	41.83	54.0	12.17	AV	121.00	100	Horizontal	Pass

11ac40, U-NII-2C, 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	1599.245	38.99	74.0	35.01	Peak	227.00	100	Vertical	Pass
1**	1599.245	22.92	54.0	31.08	AV	227.00	100	Vertical	Pass
2	2228.540	38.57	74.0	35.43	Peak	283.00	200	Vertical	Pass
2**	2228.540	29.48	54.0	24.52	AV	283.00	200	Vertical	Pass
3	4255.326	47.87	74.0	26.13	Peak	149.00	200	Vertical	Pass
3**	4255.326	36.62	54.0	17.38	AV	149.00	200	Vertical	Pass
4	7711.771	55.75	74.0	18.25	Peak	229.00	300	Vertical	Pass
4**	7711.771	43.59	54.0	10.41	AV	229.00	300	Vertical	Pass
5	12496.583	53.83	74.0	20.17	Peak	21.00	100	Vertical	Pass
5**	12496.583	40.19	54.0	13.81	AV	21.00	100	Vertical	Pass
6	15671.496	58.35	74.0	15.65	Peak	15.00	100	Vertical	Pass
6**	15671.496	41.68	54.0	12.32	AV	15.00	100	Vertical	Pass

11ac40, U-NII-2C, 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	1521.452	38.23	74.0	35.77	Peak	235.00	300	Horizontal	Pass
1**	1521.452	30.84	54.0	23.16	AV	235.00	300	Horizontal	Pass
2	2273.258	43.83	74.0	30.17	Peak	205.00	100	Horizontal	Pass
2**	2273.258	33.50	54.0	20.50	AV	205.00	100	Horizontal	Pass
3	4044.143	49.31	74.0	24.69	Peak	42.00	200	Horizontal	Pass
3**	4044.143	34.42	54.0	19.58	AV	42.00	200	Horizontal	Pass
4	7617.717	55.27	74.0	18.73	Peak	11.00	400	Horizontal	Pass
4**	7617.717	44.91	54.0	9.09	AV	11.00	400	Horizontal	Pass
5	12456.360	54.96	74.0	19.04	Peak	229.00	100	Horizontal	Pass
5**	12456.360	42.52	54.0	11.48	AV	229.00	100	Horizontal	Pass
6	15904.742	52.95	74.0	21.05	Peak	230.00	400	Horizontal	Pass
6**	15904.742	44.28	54.0	9.72	AV	230.00	400	Horizontal	Pass

11ac40, U-NII-2C, 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	1596.088	40.75	74.0	33.25	Peak	68.00	200	Vertical	Pass
1**	1596.088	23.82	54.0	30.18	AV	68.00	200	Vertical	Pass
2	2225.672	42.41	74.0	31.59	Peak	224.00	300	Vertical	Pass
2**	2225.672	32.42	54.0	21.58	AV	224.00	300	Vertical	Pass
3	4261.170	50.79	74.0	23.21	Peak	289.00	200	Vertical	Pass
3**	4261.170	37.93	54.0	16.07	AV	289.00	200	Vertical	Pass
4	7709.327	56.19	74.0	17.81	Peak	147.00	400	Vertical	Pass
4**	7709.327	43.15	54.0	10.85	AV	147.00	400	Vertical	Pass
5	12499.632	53.77	74.0	20.23	Peak	96.00	400	Vertical	Pass
5**	12499.632	46.13	54.0	7.87	AV	96.00	400	Vertical	Pass
6	15673.230	54.69	74.0	19.31	Peak	192.00	200	Vertical	Pass
6**	15673.230	40.76	54.0	13.24	AV	192.00	200	Vertical	Pass

11ac80, U-NII-2C, 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	1523.699	37.78	74.0	36.22	Peak	262.00	400	Horizontal	Pass
1**	1523.699	30.27	54.0	23.73	AV	262.00	400	Horizontal	Pass
2	2271.768	42.69	74.0	31.31	Peak	108.00	400	Horizontal	Pass
2**	2271.768	33.41	54.0	20.59	AV	108.00	400	Horizontal	Pass
3	4044.234	47.00	74.0	27.00	Peak	40.00	200	Horizontal	Pass
3**	4044.234	34.79	54.0	19.21	AV	40.00	200	Horizontal	Pass
4	7622.222	55.22	74.0	18.78	Peak	200.00	300	Horizontal	Pass
4**	7622.222	42.17	54.0	11.83	AV	200.00	300	Horizontal	Pass
5	12450.582	54.59	74.0	19.41	Peak	30.00	400	Horizontal	Pass
5**	12450.582	45.84	54.0	8.16	AV	30.00	400	Horizontal	Pass
6	15903.523	54.28	74.0	19.72	Peak	150.00	200	Horizontal	Pass
6**	15903.523	42.60	54.0	11.40	AV	150.00	200	Horizontal	Pass

11ac80, U-NII-2C, 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	1595.305	37.67	74.0	36.33	Peak	51.00	100	Vertical	Pass
1**	1595.305	25.69	54.0	28.31	AV	51.00	100	Vertical	Pass
2	2226.742	39.12	74.0	34.88	Peak	166.00	400	Vertical	Pass
2**	2226.742	28.55	54.0	25.45	AV	166.00	400	Vertical	Pass
3	4258.911	46.99	74.0	27.01	Peak	297.00	200	Vertical	Pass
3**	4258.911	40.08	54.0	13.92	AV	297.00	200	Vertical	Pass
4	7712.043	55.11	74.0	18.89	Peak	283.00	400	Vertical	Pass
4**	7712.043	39.49	54.0	14.51	AV	283.00	400	Vertical	Pass
5	12496.993	55.49	74.0	18.51	Peak	6.00	300	Vertical	Pass
5**	12496.993	42.50	54.0	11.50	AV	6.00	300	Vertical	Pass
6	15671.023	55.73	74.0	18.27	Peak	269.00	300	Vertical	Pass
6**	15671.023	41.34	54.0	12.66	AV	269.00	300	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.722	41.39	74.0	32.61	Peak	246.00	200	Horizontal	Pass
1**	1526.722	26.33	54.0	27.67	AV	246.00	200	Horizontal	Pass
2	2273.087	41.22	74.0	32.78	Peak	74.00	100	Horizontal	Pass
2**	2273.087	36.95	54.0	17.05	AV	74.00	100	Horizontal	Pass
3	4044.074	49.89	74.0	24.11	Peak	214.00	200	Horizontal	Pass
3**	4044.074	34.73	54.0	19.27	AV	214.00	200	Horizontal	Pass
4	7622.806	50.18	74.0	23.82	Peak	183.00	300	Horizontal	Pass
4**	7622.806	45.32	54.0	8.68	AV	183.00	300	Horizontal	Pass
5	12458.054	54.22	74.0	19.78	Peak	358.00	100	Horizontal	Pass
5**	12458.054	46.06	54.0	7.94	AV	358.00	100	Horizontal	Pass
6	15904.709	52.63	74.0	21.37	Peak	321.00	200	Horizontal	Pass
6**	15904.709	42.13	54.0	11.87	AV	321.00	200	Horizontal	Pass

11ac80, U-NII-2C, 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	1598.367	40.63	74.0	33.37	Peak	258.00	300	Vertical	Pass
1**	1598.367	23.19	54.0	30.81	AV	258.00	300	Vertical	Pass
2	2230.532	43.39	74.0	30.61	Peak	153.00	300	Vertical	Pass
2**	2230.532	30.85	54.0	23.15	AV	153.00	300	Vertical	Pass
3	4259.325	46.85	74.0	27.15	Peak	273.00	200	Vertical	Pass
3**	4259.325	35.58	54.0	18.42	AV	273.00	200	Vertical	Pass
4	7712.281	57.34	74.0	16.66	Peak	203.00	200	Vertical	Pass
4**	7712.281	42.53	54.0	11.47	AV	203.00	200	Vertical	Pass
5	12501.563	54.36	74.0	19.64	Peak	75.00	200	Vertical	Pass
5**	12501.563	43.83	54.0	10.17	AV	75.00	200	Vertical	Pass
6	15675.539	58.10	74.0	15.90	Peak	284.00	400	Vertical	Pass
6**	15675.539	42.84	54.0	11.16	AV	284.00	400	Vertical	Pass

11a, U-NII-3, 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	1517.833	39.82	74.0	34.18	Peak	154.00	400	Horizontal	Pass
1**	1517.833	30.48	54.0	23.52	AV	154.00	400	Horizontal	Pass
2	4020.737	44.84	74.0	29.16	Peak	81.00	300	Horizontal	Pass
2**	4020.737	39.22	54.0	14.78	AV	81.00	300	Horizontal	Pass
3	7596.646	56.13	74.0	17.87	Peak	88.00	200	Horizontal	Pass
3**	7596.646	44.28	54.0	9.72	AV	88.00	200	Horizontal	Pass
4	12455.103	53.70	74.0	20.30	Peak	343.00	100	Horizontal	Pass
4**	12455.103	46.66	54.0	7.34	AV	343.00	100	Horizontal	Pass
5	16096.086	50.82	74.0	23.18	Peak	352.00	200	Horizontal	Pass
5**	16096.086	42.97	54.0	11.03	AV	352.00	200	Horizontal	Pass
6	17420.250	58.09	74.0	15.91	Peak	231.00	400	Horizontal	Pass
6**	17420.250	47.70	54.0	6.30	AV	231.00	400	Horizontal	Pass

11a, U-NII-3, 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	1330.913	43.49	74.0	30.51	Peak	127.00	400	Vertical	Pass
1**	1330.913	30.92	54.0	23.08	AV	127.00	400	Vertical	Pass
2	1442.347	42.87	74.0	31.13	Peak	13.00	200	Vertical	Pass
2**	1442.347	35.07	54.0	18.93	AV	13.00	200	Vertical	Pass
3	4310.469	45.88	74.0	28.12	Peak	276.00	200	Vertical	Pass
3**	4310.469	38.24	54.0	15.76	AV	276.00	200	Vertical	Pass
4	7594.658	54.29	74.0	19.71	Peak	194.00	300	Vertical	Pass
4**	7594.658	45.55	54.0	8.45	AV	194.00	300	Vertical	Pass
5	12533.076	53.22	74.0	20.78	Peak	149.00	100	Vertical	Pass
5**	12533.076	40.92	54.0	13.08	AV	149.00	100	Vertical	Pass
6	15909.877	53.30	74.0	20.70	Peak	307.00	200	Vertical	Pass
6**	15909.877	45.26	54.0	8.74	AV	307.00	200	Vertical	Pass

11a, U-NII-3, 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	1520.758	41.11	74.0	32.89	Peak	101.00	200	Horizontal	Pass
1**	1520.758	27.54	54.0	26.46	AV	101.00	200	Horizontal	Pass
2	4019.151	44.26	74.0	29.74	Peak	252.00	200	Horizontal	Pass
2**	4019.151	34.94	54.0	19.06	AV	252.00	200	Horizontal	Pass
3	7597.878	53.06	74.0	20.94	Peak	221.00	200	Horizontal	Pass
3**	7597.878	43.29	54.0	10.71	AV	221.00	200	Horizontal	Pass
4	12458.684	50.74	74.0	23.26	Peak	205.00	100	Horizontal	Pass
4**	12458.684	43.61	54.0	10.39	AV	205.00	100	Horizontal	Pass
5	16095.395	52.44	74.0	21.56	Peak	43.00	100	Horizontal	Pass
5**	16095.395	44.23	54.0	9.77	AV	43.00	100	Horizontal	Pass
6	17422.756	55.04	74.0	18.96	Peak	12.00	200	Horizontal	Pass
6**	17422.756	44.69	54.0	9.31	AV	12.00	200	Horizontal	Pass

11a, U-NII-3, 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	1336.623	45.21	74.0	28.79	Peak	8.00	200	Vertical	Pass
1**	1336.623	35.41	54.0	18.59	AV	8.00	200	Vertical	Pass
2	1436.620	43.74	74.0	30.26	Peak	217.00	300	Vertical	Pass
2**	1436.620	38.93	54.0	15.07	AV	217.00	300	Vertical	Pass
3	4314.986	47.88	74.0	26.12	Peak	263.00	200	Vertical	Pass
3**	4314.986	37.98	54.0	16.02	AV	263.00	200	Vertical	Pass
4	7591.591	50.32	74.0	23.68	Peak	12.00	100	Vertical	Pass
4**	7591.591	41.58	54.0	12.42	AV	12.00	100	Vertical	Pass
5	12533.004	56.04	74.0	17.96	Peak	147.00	300	Vertical	Pass
5**	12533.004	44.56	54.0	9.44	AV	147.00	300	Vertical	Pass
6	15906.142	55.88	74.0	18.12	Peak	311.00	400	Vertical	Pass
6**	15906.142	45.09	54.0	8.91	AV	311.00	400	Vertical	Pass

11a, U-NII-3, 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	1519.966	36.49	74.0	37.51	Peak	202.00	200	Horizontal	Pass
1**	1519.966	29.19	54.0	24.81	AV	202.00	200	Horizontal	Pass
2	4016.664	49.10	74.0	24.90	Peak	264.00	400	Horizontal	Pass
2**	4016.664	39.38	54.0	14.62	AV	264.00	400	Horizontal	Pass
3	7594.854	52.91	74.0	21.09	Peak	339.00	200	Horizontal	Pass
3**	7594.854	42.86	54.0	11.14	AV	339.00	200	Horizontal	Pass
4	12453.725	52.22	74.0	21.78	Peak	66.00	200	Horizontal	Pass
4**	12453.725	42.69	54.0	11.31	AV	66.00	200	Horizontal	Pass
5	16091.561	54.57	74.0	19.43	Peak	51.00	100	Horizontal	Pass
5**	16091.561	45.36	54.0	8.64	AV	51.00	100	Horizontal	Pass
6	17418.004	56.13	74.0	17.87	Peak	182.00	300	Horizontal	Pass
6**	17418.004	45.48	54.0	8.52	AV	182.00	300	Horizontal	Pass

11a, U-NII-3, 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	1330.116	41.58	74.0	32.42	Peak	144.00	100	Vertical	Pass
1**	1330.116	35.78	54.0	18.22	AV	144.00	100	Vertical	Pass
2	1442.991	39.01	74.0	34.99	Peak	164.00	200	Vertical	Pass
2**	1442.991	35.76	54.0	18.24	AV	164.00	200	Vertical	Pass
3	4310.676	45.35	74.0	28.65	Peak	327.00	200	Vertical	Pass
3**	4310.676	39.35	54.0	14.65	AV	327.00	200	Vertical	Pass
4	7592.985	55.30	74.0	18.70	Peak	343.00	200	Vertical	Pass
4**	7592.985	41.24	54.0	12.76	AV	343.00	200	Vertical	Pass
5	12535.569	53.47	74.0	20.53	Peak	330.00	100	Vertical	Pass
5**	12535.569	41.88	54.0	12.12	AV	330.00	100	Vertical	Pass
6	15902.616	55.25	74.0	18.75	Peak	340.00	400	Vertical	Pass
6**	15902.616	48.56	54.0	5.44	AV	340.00	400	Vertical	Pass

11n20, U-NII-3, 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	1523.499	39.39	74.0	34.61	Peak	351.00	300	Horizontal	Pass
1**	1523.499	29.40	54.0	24.60	AV	351.00	300	Horizontal	Pass
2	4019.122	46.05	74.0	27.95	Peak	242.00	100	Horizontal	Pass
2**	4019.122	34.33	54.0	19.67	AV	242.00	100	Horizontal	Pass
3	7596.178	51.08	74.0	22.92	Peak	242.00	200	Horizontal	Pass
3**	7596.178	42.62	54.0	11.38	AV	242.00	200	Horizontal	Pass
4	12458.112	55.29	74.0	18.71	Peak	146.00	400	Horizontal	Pass
4**	12458.112	42.86	54.0	11.14	AV	146.00	400	Horizontal	Pass
5	16092.697	52.57	74.0	21.43	Peak	277.00	300	Horizontal	Pass
5**	16092.697	45.00	54.0	9.00	AV	277.00	300	Horizontal	Pass
6	17419.079	56.67	74.0	17.33	Peak	134.00	100	Horizontal	Pass
6**	17419.079	46.40	54.0	7.60	AV	134.00	100	Horizontal	Pass

11n20, U-NII-3, 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	1333.197	44.44	74.0	29.56	Peak	157.00	100	Vertical	Pass
1**	1333.197	32.52	54.0	21.48	AV	157.00	100	Vertical	Pass
2	1438.360	41.78	74.0	32.22	Peak	162.00	400	Vertical	Pass
2**	1438.360	35.36	54.0	18.64	AV	162.00	400	Vertical	Pass
3	4309.238	46.36	74.0	27.64	Peak	208.00	200	Vertical	Pass
3**	4309.238	37.99	54.0	16.01	AV	208.00	200	Vertical	Pass
4	7592.724	51.76	74.0	22.24	Peak	179.00	200	Vertical	Pass
4**	7592.724	42.96	54.0	11.04	AV	179.00	200	Vertical	Pass
5	12533.145	51.55	74.0	22.45	Peak	275.00	200	Vertical	Pass
5**	12533.145	45.03	54.0	8.97	AV	275.00	200	Vertical	Pass
6	15906.562	53.01	74.0	20.99	Peak	271.00	400	Vertical	Pass
6**	15906.562	48.50	54.0	5.50	AV	271.00	400	Vertical	Pass

11n20, U-NII-3, 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	1522.241	37.77	74.0	36.23	Peak	234.00	400	Horizontal	Pass
1**	1522.241	27.22	54.0	26.78	AV	234.00	400	Horizontal	Pass
2	4016.664	47.88	74.0	26.12	Peak	305.00	200	Horizontal	Pass
2**	4016.664	38.38	54.0	15.62	AV	305.00	200	Horizontal	Pass
3	7596.922	54.27	74.0	19.73	Peak	274.00	200	Horizontal	Pass
3**	7596.922	41.87	54.0	12.13	AV	274.00	200	Horizontal	Pass
4	12452.812	52.98	74.0	21.02	Peak	171.00	200	Horizontal	Pass
4**	12452.812	42.34	54.0	11.66	AV	171.00	200	Horizontal	Pass
5	16095.472	55.81	74.0	18.19	Peak	145.00	100	Horizontal	Pass
5**	16095.472	46.02	54.0	7.98	AV	145.00	100	Horizontal	Pass
6	17420.480	57.54	74.0	16.46	Peak	43.00	100	Horizontal	Pass
6**	17420.480	49.00	54.0	5.00	AV	43.00	100	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.527	43.47	74.0	30.53	Peak	150.00	400	Vertical	Pass
1**	1330.527	36.35	54.0	17.65	AV	150.00	400	Vertical	Pass
2	1441.309	41.44	74.0	32.56	Peak	80.00	100	Vertical	Pass
2**	1441.309	38.73	54.0	15.27	AV	80.00	100	Vertical	Pass
3	4314.854	49.55	74.0	24.45	Peak	344.00	200	Vertical	Pass
3**	4314.854	36.15	54.0	17.85	AV	344.00	200	Vertical	Pass
4	7597.878	51.51	74.0	22.49	Peak	78.00	400	Vertical	Pass
4**	7597.878	40.81	54.0	13.19	AV	78.00	400	Vertical	Pass
5	12536.597	52.19	74.0	21.81	Peak	336.00	100	Vertical	Pass
5**	12536.597	40.83	54.0	13.17	AV	336.00	100	Vertical	Pass
6	15909.492	57.19	74.0	16.81	Peak	238.00	100	Vertical	Pass
6**	15909.492	45.99	54.0	8.01	AV	238.00	100	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

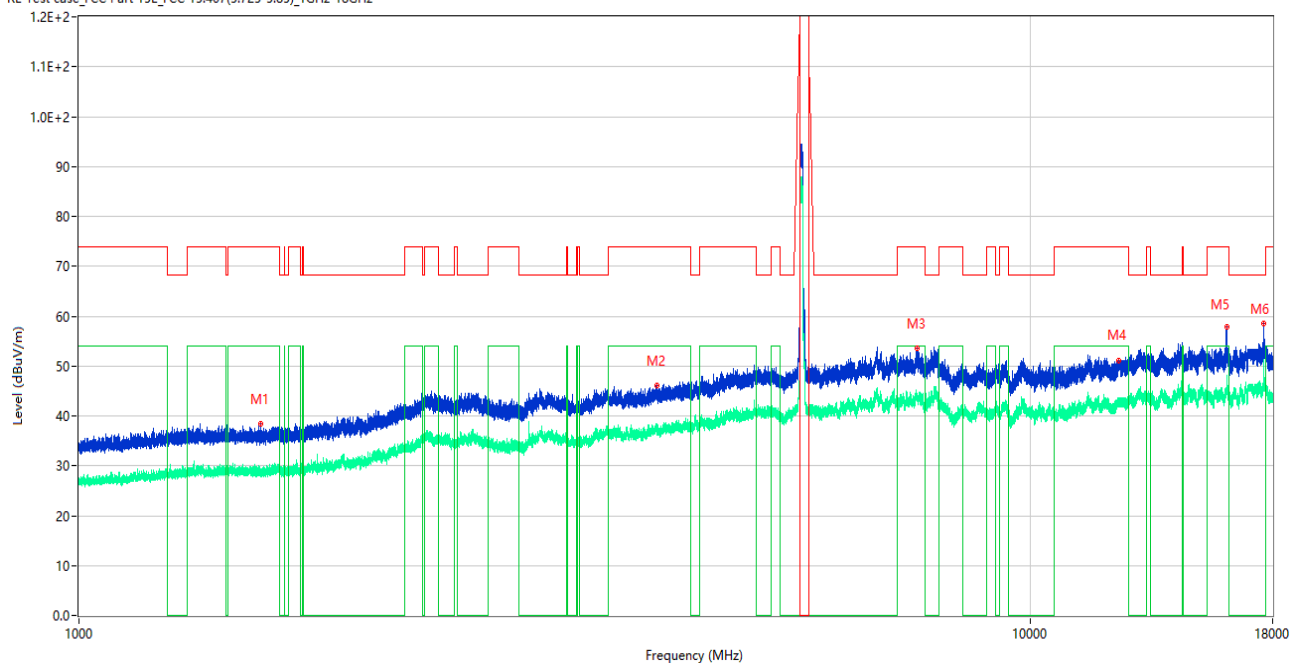
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.302	37.82	74.0	36.18	Peak	349.00	400	Horizontal	Pass
1**	1524.302	28.61	54.0	25.39	AV	349.00	400	Horizontal	Pass
2	4017.772	46.75	74.0	27.25	Peak	248.00	400	Horizontal	Pass
2**	4017.772	34.57	54.0	19.43	AV	248.00	400	Horizontal	Pass
3	7596.578	55.22	74.0	18.78	Peak	15.00	200	Horizontal	Pass
3**	7596.578	45.59	54.0	8.41	AV	15.00	200	Horizontal	Pass
4	12456.062	55.94	74.0	18.06	Peak	23.00	300	Horizontal	Pass
4**	12456.062	46.42	54.0	7.58	AV	23.00	300	Horizontal	Pass
5	16097.306	54.55	74.0	19.45	Peak	315.00	300	Horizontal	Pass
5**	16097.306	44.42	54.0	9.58	AV	315.00	300	Horizontal	Pass
6	17415.891	53.76	74.0	20.24	Peak	311.00	100	Horizontal	Pass
6**	17415.891	44.86	54.0	9.14	AV	311.00	100	Horizontal	Pass

11n20, U-NII-3, 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	1337.383	47.04	74.0	26.96	Peak	301.00	400	Vertical	Pass
1**	1337.383	32.31	54.0	21.69	AV	301.00	400	Vertical	Pass
2	1444.019	39.49	74.0	34.51	Peak	54.00	200	Vertical	Pass
2**	1444.019	35.50	54.0	18.50	AV	54.00	200	Vertical	Pass
3	4311.171	46.04	74.0	27.96	Peak	11.00	200	Vertical	Pass
3**	4311.171	36.08	54.0	17.92	AV	11.00	200	Vertical	Pass
4	7591.458	54.72	74.0	19.28	Peak	101.00	300	Vertical	Pass
4**	7591.458	46.19	54.0	7.81	AV	101.00	300	Vertical	Pass
5	12532.426	53.46	74.0	20.54	Peak	290.00	100	Vertical	Pass
5**	12532.426	46.40	54.0	7.60	AV	290.00	100	Vertical	Pass
6	15907.732	54.89	74.0	19.11	Peak	48.00	100	Vertical	Pass
6**	15907.732	47.82	54.0	6.18	AV	48.00	100	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.229	39.05	74.0	34.95	Peak	101.00	300	Horizontal	Pass
1**	1523.229	28.07	54.0	25.93	AV	101.00	300	Horizontal	Pass
2	4022.311	46.65	74.0	27.35	Peak	135.00	100	Horizontal	Pass
2**	4022.311	37.66	54.0	16.34	AV	135.00	100	Horizontal	Pass
3	7598.906	54.01	74.0	19.99	Peak	140.00	200	Horizontal	Pass
3**	7598.906	46.36	54.0	7.64	AV	140.00	200	Horizontal	Pass
4	12454.055	50.83	74.0	23.17	Peak	27.00	100	Horizontal	Pass
4**	12454.055	47.06	54.0	6.94	AV	27.00	100	Horizontal	Pass
5	16094.714	56.40	74.0	17.60	Peak	220.00	200	Horizontal	Pass
5**	16094.714	44.66	54.0	9.34	AV	220.00	200	Horizontal	Pass
6	17420.763	57.31	74.0	16.69	Peak	193.00	300	Horizontal	Pass
6**	17420.763	49.98	54.0	4.02	AV	193.00	300	Horizontal	Pass

11n40, U-NII-3, 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	1337.256	43.62	74.0	30.38	Peak	356.00	100	Vertical	Pass
1**	1337.256	35.68	54.0	18.32	AV	356.00	100	Vertical	Pass
2	1437.702	40.70	74.0	33.30	Peak	26.00	300	Vertical	Pass
2**	1437.702	35.02	54.0	18.98	AV	26.00	300	Vertical	Pass
3	4314.155	44.95	74.0	29.05	Peak	123.00	200	Vertical	Pass
3**	4314.155	36.20	54.0	17.80	AV	123.00	200	Vertical	Pass
4	7595.365	51.64	74.0	22.36	Peak	33.00	200	Vertical	Pass
4**	7595.365	43.55	54.0	10.45	AV	33.00	200	Vertical	Pass
5	12536.011	53.16	74.0	20.84	Peak	131.00	200	Vertical	Pass
5**	12536.011	43.41	54.0	10.59	AV	131.00	200	Vertical	Pass
6	15906.445	52.72	74.0	21.28	Peak	24.00	400	Vertical	Pass
6**	15906.445	48.25	54.0	5.75	AV	24.00	400	Vertical	Pass

11n40, U-NII-3, 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	1520.882	38.21	74.0	35.79	Peak	345.00	200	Horizontal	Pass
1**	1520.882	32.21	54.0	21.79	AV	345.00	200	Horizontal	Pass
2	4023.836	48.76	74.0	25.24	Peak	45.00	100	Horizontal	Pass
2**	4023.836	34.52	54.0	19.48	AV	45.00	100	Horizontal	Pass
3	7598.216	51.86	74.0	22.14	Peak	305.00	200	Horizontal	Pass
3**	7598.216	44.00	54.0	10.00	AV	305.00	200	Horizontal	Pass
4	12456.496	52.31	74.0	21.69	Peak	293.00	400	Horizontal	Pass
4**	12456.496	46.92	54.0	7.08	AV	293.00	400	Horizontal	Pass
5	16092.978	51.37	74.0	22.63	Peak	312.00	100	Horizontal	Pass
5**	16092.978	47.64	54.0	6.36	AV	312.00	100	Horizontal	Pass
6	17419.997	58.94	74.0	15.06	Peak	301.00	200	Horizontal	Pass
6**	17419.997	46.49	54.0	7.51	AV	301.00	200	Horizontal	Pass

11n40, U-NII-3, 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	1330.959	46.89	74.0	27.11	Peak	301.00	100	Vertical	Pass
1**	1330.959	34.48	54.0	19.52	AV	301.00	100	Vertical	Pass
2	1440.113	39.27	74.0	34.73	Peak	344.00	400	Vertical	Pass
2**	1440.113	38.72	54.0	15.28	AV	344.00	400	Vertical	Pass
3	4309.597	46.03	74.0	27.97	Peak	1.00	200	Vertical	Pass
3**	4309.597	36.70	54.0	17.30	AV	1.00	200	Vertical	Pass
4	7595.805	54.73	74.0	19.27	Peak	321.00	400	Vertical	Pass
4**	7595.805	44.42	54.0	9.58	AV	321.00	400	Vertical	Pass
5	12533.731	54.32	74.0	19.68	Peak	44.00	400	Vertical	Pass
5**	12533.731	44.52	54.0	9.48	AV	44.00	400	Vertical	Pass
6	15903.702	51.90	74.0	22.10	Peak	132.00	400	Vertical	Pass
6**	15903.702	44.31	54.0	9.69	AV	132.00	400	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.448	36.56	74.0	37.44	Peak	64.00	300	Horizontal	Pass
1**	1522.448	31.16	54.0	22.84	AV	64.00	300	Horizontal	Pass
2	4021.101	44.19	74.0	29.81	Peak	226.00	200	Horizontal	Pass
2**	4021.101	34.98	54.0	19.02	AV	226.00	200	Horizontal	Pass
3	7600.241	54.42	74.0	19.58	Peak	332.00	200	Horizontal	Pass
3**	7600.241	46.38	54.0	7.62	AV	332.00	200	Horizontal	Pass
4	12451.890	55.01	74.0	18.99	Peak	148.00	100	Horizontal	Pass
4**	12451.890	43.01	54.0	10.99	AV	148.00	100	Horizontal	Pass
5	16098.884	51.48	74.0	22.52	Peak	320.00	200	Horizontal	Pass
5**	16098.884	42.60	54.0	11.40	AV	320.00	200	Horizontal	Pass
6	17422.945	58.80	74.0	15.20	Peak	3.00	400	Horizontal	Pass
6**	17422.945	49.93	54.0	4.07	AV	3.00	400	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.080	46.02	74.0	27.98	Peak	41.00	100	Vertical	Pass
1**	1331.080	34.31	54.0	19.69	AV	41.00	100	Vertical	Pass
2	1439.769	39.18	74.0	34.82	Peak	63.00	200	Vertical	Pass
2**	1439.769	38.84	54.0	15.16	AV	63.00	200	Vertical	Pass
3	4314.290	46.69	74.0	27.31	Peak	51.00	200	Vertical	Pass
3**	4314.290	39.98	54.0	14.02	AV	51.00	200	Vertical	Pass
4	7592.363	50.81	74.0	23.19	Peak	45.00	300	Vertical	Pass
4**	7592.363	42.00	54.0	12.00	AV	45.00	300	Vertical	Pass
5	12535.809	50.94	74.0	23.06	Peak	7.00	300	Vertical	Pass
5**	12535.809	41.07	54.0	12.93	AV	7.00	300	Vertical	Pass
6	15907.549	55.76	74.0	18.24	Peak	205.00	200	Vertical	Pass
6**	15907.549	46.67	54.0	7.33	AV	205.00	200	Vertical	Pass

11ac20, U-NII-3, 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	1519.155	40.18	74.0	33.82	Peak	169.00	200	Horizontal	Pass
1**	1519.155	28.34	54.0	25.66	AV	169.00	200	Horizontal	Pass
2	4017.486	45.53	74.0	28.47	Peak	288.00	400	Horizontal	Pass
2**	4017.486	34.10	54.0	19.90	AV	288.00	400	Horizontal	Pass
3	7598.597	54.08	74.0	19.92	Peak	115.00	200	Horizontal	Pass
3**	7598.597	42.51	54.0	11.49	AV	115.00	200	Horizontal	Pass
4	12458.780	53.50	74.0	20.50	Peak	180.00	400	Horizontal	Pass
4**	12458.780	43.39	54.0	10.61	AV	180.00	400	Horizontal	Pass
5	16091.768	52.46	74.0	21.54	Peak	256.00	300	Horizontal	Pass
5**	16091.768	42.75	54.0	11.25	AV	256.00	300	Horizontal	Pass
6	17422.851	56.56	74.0	17.44	Peak	61.00	100	Horizontal	Pass
6**	17422.851	48.43	54.0	5.57	AV	61.00	100	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.695	47.39	74.0	26.61	Peak	125.00	400	Vertical	Pass
1**	1330.695	35.18	54.0	18.82	AV	125.00	400	Vertical	Pass
2	1441.016	44.92	74.0	29.08	Peak	64.00	400	Vertical	Pass
2**	1441.016	34.41	54.0	19.59	AV	64.00	400	Vertical	Pass
3	4310.464	44.55	74.0	29.45	Peak	262.00	200	Vertical	Pass
3**	4310.464	39.18	54.0	14.82	AV	262.00	200	Vertical	Pass
4	7596.975	52.18	74.0	21.82	Peak	206.00	200	Vertical	Pass
4**	7596.975	45.54	54.0	8.46	AV	206.00	200	Vertical	Pass
5	12538.093	52.05	74.0	21.95	Peak	84.00	400	Vertical	Pass
5**	12538.093	41.04	54.0	12.96	AV	84.00	400	Vertical	Pass
6	15909.396	53.54	74.0	20.46	Peak	269.00	200	Vertical	Pass
6**	15909.396	46.75	54.0	7.25	AV	269.00	200	Vertical	Pass

11ac20, U-NII-3, 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	1517.134	39.48	74.0	34.52	Peak	312.00	300	Horizontal	Pass
1**	1517.134	28.07	54.0	25.93	AV	312.00	300	Horizontal	Pass
2	4023.027	45.96	74.0	28.04	Peak	213.00	200	Horizontal	Pass
2**	4023.027	36.30	54.0	17.70	AV	213.00	200	Horizontal	Pass
3	7597.930	55.07	74.0	18.93	Peak	60.00	200	Horizontal	Pass
3**	7597.930	40.74	54.0	13.26	AV	60.00	200	Horizontal	Pass
4	12452.119	53.75	74.0	20.25	Peak	337.00	300	Horizontal	Pass
4**	12452.119	41.38	54.0	12.62	AV	337.00	300	Horizontal	Pass
5	16096.529	55.62	74.0	18.38	Peak	201.00	400	Horizontal	Pass
5**	16096.529	44.89	54.0	9.11	AV	201.00	400	Horizontal	Pass
6	17419.204	55.30	74.0	18.70	Peak	277.00	200	Horizontal	Pass
6**	17419.204	45.76	54.0	8.24	AV	277.00	200	Horizontal	Pass

11ac20, U-NII-3, 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	1335.760	44.04	74.0	29.96	Peak	66.00	200	Vertical	Pass
1**	1335.760	32.95	54.0	21.05	AV	66.00	200	Vertical	Pass
2	1443.667	44.19	74.0	29.81	Peak	128.00	100	Vertical	Pass
2**	1443.667	36.35	54.0	17.65	AV	128.00	100	Vertical	Pass
3	4308.135	44.56	74.0	29.44	Peak	75.00	200	Vertical	Pass
3**	4308.135	38.58	54.0	15.42	AV	75.00	200	Vertical	Pass
4	7595.153	53.74	74.0	20.26	Peak	193.00	400	Vertical	Pass
4**	7595.153	40.92	54.0	13.08	AV	193.00	400	Vertical	Pass
5	12532.629	55.58	74.0	18.42	Peak	40.00	100	Vertical	Pass
5**	12532.629	45.86	54.0	8.14	AV	40.00	100	Vertical	Pass
6	15904.121	56.95	74.0	17.05	Peak	49.00	200	Vertical	Pass
6**	15904.121	48.18	54.0	5.82	AV	49.00	200	Vertical	Pass

11ac40, U-NII-3, 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	1523.381	36.54	74.0	37.46	Peak	92.00	100	Horizontal	Pass
1**	1523.381	27.75	54.0	26.25	AV	92.00	100	Horizontal	Pass
2	4016.687	48.09	74.0	25.91	Peak	226.00	300	Horizontal	Pass
2**	4016.687	39.22	54.0	14.78	AV	226.00	300	Horizontal	Pass
3	7599.726	53.82	74.0	20.18	Peak	4.00	200	Horizontal	Pass
3**	7599.726	41.66	54.0	12.34	AV	4.00	200	Horizontal	Pass
4	12456.740	52.30	74.0	21.70	Peak	120.00	300	Horizontal	Pass
4**	12456.740	44.29	54.0	9.71	AV	120.00	300	Horizontal	Pass
5	16092.896	55.36	74.0	18.64	Peak	120.00	300	Horizontal	Pass
5**	16092.896	42.41	54.0	11.59	AV	120.00	300	Horizontal	Pass
6	17416.233	57.29	74.0	16.71	Peak	90.00	300	Horizontal	Pass
6**	17416.233	45.00	54.0	9.00	AV	90.00	300	Horizontal	Pass

11ac40, U-NII-3, 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	1336.317	47.55	74.0	26.45	Peak	209.00	200	Vertical	Pass
1**	1336.317	34.16	54.0	19.84	AV	209.00	200	Vertical	Pass
2	1443.751	39.44	74.0	34.56	Peak	7.00	300	Vertical	Pass
2**	1443.751	37.91	54.0	16.09	AV	7.00	300	Vertical	Pass
3	4312.212	45.84	74.0	28.16	Peak	107.00	200	Vertical	Pass
3**	4312.212	35.97	54.0	18.03	AV	107.00	200	Vertical	Pass
4	7591.961	52.48	74.0	21.52	Peak	137.00	100	Vertical	Pass
4**	7591.961	42.59	54.0	11.41	AV	137.00	100	Vertical	Pass
5	12538.531	56.05	74.0	17.95	Peak	150.00	300	Vertical	Pass
5**	12538.531	40.78	54.0	13.22	AV	150.00	300	Vertical	Pass
6	15905.450	57.14	74.0	16.86	Peak	54.00	200	Vertical	Pass
6**	15905.450	46.55	54.0	7.45	AV	54.00	200	Vertical	Pass

11ac40, U-NII-3, 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	1520.514	39.23	74.0	34.77	Peak	226.00	100	Horizontal	Pass
1**	1520.514	27.85	54.0	26.15	AV	226.00	100	Horizontal	Pass
2	4020.701	46.91	74.0	27.09	Peak	192.00	200	Horizontal	Pass
2**	4020.701	35.49	54.0	18.51	AV	192.00	200	Horizontal	Pass
3	7601.156	51.30	74.0	22.70	Peak	234.00	200	Horizontal	Pass
3**	7601.156	46.09	54.0	7.91	AV	234.00	200	Horizontal	Pass
4	12456.100	54.55	74.0	19.45	Peak	271.00	200	Horizontal	Pass
4**	12456.100	43.81	54.0	10.19	AV	271.00	200	Horizontal	Pass
5	16094.147	54.36	74.0	19.64	Peak	76.00	200	Horizontal	Pass
5**	16094.147	43.17	54.0	10.83	AV	76.00	200	Horizontal	Pass
6	17416.049	53.85	74.0	20.15	Peak	136.00	200	Horizontal	Pass
6**	17416.049	49.97	54.0	4.03	AV	136.00	200	Horizontal	Pass

11ac40, U-NII-3, 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	1335.890	45.09	74.0	28.91	Peak	198.00	400	Vertical	Pass
1**	1335.890	34.91	54.0	19.09	AV	198.00	400	Vertical	Pass
2	1440.845	39.73	74.0	34.27	Peak	56.00	400	Vertical	Pass
2**	1440.845	36.20	54.0	17.80	AV	56.00	400	Vertical	Pass
3	4310.555	46.68	74.0	27.32	Peak	132.00	200	Vertical	Pass
3**	4310.555	41.02	54.0	12.98	AV	132.00	200	Vertical	Pass
4	7597.716	53.39	74.0	20.61	Peak	203.00	200	Vertical	Pass
4**	7597.716	45.33	54.0	8.67	AV	203.00	200	Vertical	Pass
5	12535.503	55.31	74.0	18.69	Peak	134.00	200	Vertical	Pass
5**	12535.503	43.46	54.0	10.54	AV	134.00	200	Vertical	Pass
6	15907.399	51.73	74.0	22.27	Peak	283.00	100	Vertical	Pass
6**	15907.399	46.78	54.0	7.22	AV	283.00	100	Vertical	Pass

11ac80, U-NII-3, 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	1517.880	37.64	74.0	36.36	Peak	137.00	100	Horizontal	Pass
1**	1517.880	27.99	54.0	26.01	AV	137.00	100	Horizontal	Pass
2	4021.366	49.74	74.0	24.26	Peak	30.00	400	Horizontal	Pass
2**	4021.366	34.54	54.0	19.46	AV	30.00	400	Horizontal	Pass
3	7597.493	53.33	74.0	20.67	Peak	252.00	200	Horizontal	Pass
3**	7597.493	45.16	54.0	8.84	AV	252.00	200	Horizontal	Pass
4	12456.183	53.52	74.0	20.48	Peak	217.00	400	Horizontal	Pass
4**	12456.183	43.97	54.0	10.03	AV	217.00	400	Horizontal	Pass
5	16098.557	54.92	74.0	19.08	Peak	115.00	300	Horizontal	Pass
5**	16098.557	43.44	54.0	10.56	AV	115.00	300	Horizontal	Pass
6	17421.901	55.41	74.0	18.59	Peak	355.00	300	Horizontal	Pass
6**	17421.901	47.02	54.0	6.98	AV	355.00	300	Horizontal	Pass

11ac80, U-NII-3, 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	1334.146	45.98	74.0	28.02	Peak	183.00	200	Vertical	Pass
1**	1334.146	33.06	54.0	20.94	AV	183.00	200	Vertical	Pass
2	1442.524	39.14	74.0	34.86	Peak	346.00	400	Vertical	Pass
2**	1442.524	37.54	54.0	16.46	AV	346.00	400	Vertical	Pass
3	4311.737	48.76	74.0	25.24	Peak	66.00	200	Vertical	Pass
3**	4311.737	38.86	54.0	15.14	AV	66.00	200	Vertical	Pass
4	7594.747	50.70	74.0	23.30	Peak	156.00	300	Vertical	Pass
4**	7594.747	45.26	54.0	8.74	AV	156.00	300	Vertical	Pass
5	12535.497	55.04	74.0	18.96	Peak	46.00	400	Vertical	Pass
5**	12535.497	42.96	54.0	11.04	AV	46.00	400	Vertical	Pass
6	15904.118	54.04	74.0	19.96	Peak	163.00	100	Vertical	Pass
6**	15904.118	43.28	54.0	10.72	AV	163.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass

		High	Pass
		Low	Pass
	802.11ac(VHT20)	High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Note ¹: Both horizontal and vertical directions were pretested, only the worst configuration has been reported in this report.

Test Data

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.454	55.29	74.0	18.71	Peak	162.00	100	Horizontal	Pass
1**	5077.454	43.48	54.0	10.52	AV	162.00	100	Horizontal	Pass
2	5150.000	55.52	74.0	18.48	Peak	200.00	100	Horizontal	Pass
2**	5150.000	43.98	54.0	10.02	AV	200.00	100	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.19	74.0	19.81	Peak	125.00	100	Horizontal	Pass
1**	5350.000	44.07	54.0	9.93	AV	125.00	100	Horizontal	Pass
2	5422.007	58.03	74.0	15.97	Peak	60.00	200	Horizontal	Pass
2**	5422.007	46.8	54.0	7.20	AV	60.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5075.669	55.83	74.0	18.17	Peak	266.00	200	Horizontal	Pass
1**	5075.669	45.28	54.0	8.72	AV	266.00	200	Horizontal	Pass
2	5150.000	55.62	74.0	18.38	Peak	258.00	300	Horizontal	Pass
2**	5150.000	44.34	54.0	9.66	AV	258.00	300	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.37	74.0	18.63	Peak	237.00	200	Horizontal	Pass
1**	5350.000	42.85	54.0	11.15	AV	237.00	200	Horizontal	Pass
2	5422.253	54.82	74.0	19.18	Peak	27.00	300	Horizontal	Pass
2**	5422.253	43.55	54.0	10.45	AV	27.00	300	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5078.147	56.66	74.0	17.34	Peak	93.00	200	Horizontal	Pass
1**	5078.147	42.82	54.0	11.18	AV	93.00	200	Horizontal	Pass
2	5150.000	54.05	74.0	19.95	Peak	154.00	300	Horizontal	Pass
2**	5150.000	45.62	54.0	8.38	AV	154.00	300	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.01	74.0	20.99	Peak	184.00	200	Horizontal	Pass
1**	5350.000	45.37	54.0	8.63	AV	184.00	200	Horizontal	Pass
2	5423.285	55.85	74.0	18.15	Peak	8.00	100	Horizontal	Pass
2**	5423.285	43.69	54.0	10.31	AV	8.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.487	56.24	74.0	17.76	Peak	302.00	200	Horizontal	Pass
1**	5076.487	45.52	54.0	8.48	AV	302.00	200	Horizontal	Pass
2	5150.000	53.91	74.0	20.09	Peak	293.00	200	Horizontal	Pass
2**	5150.000	46.1	54.0	7.90	AV	293.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.53	74.0	17.47	Peak	152.00	300	Horizontal	Pass
1**	5350.000	43.99	54.0	10.01	AV	152.00	300	Horizontal	Pass
2	5423.990	55.63	74.0	18.37	Peak	231.00	300	Horizontal	Pass
2**	5423.990	44.96	54.0	9.04	AV	231.00	300	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5078.068	55.02	74.0	18.98	Peak	349.00	200	Horizontal	Pass
1**	5078.068	43.25	54.0	10.75	AV	349.00	200	Horizontal	Pass
2	5150.000	55.9	74.0	18.10	Peak	326.00	300	Horizontal	Pass
2**	5150.000	46.24	54.0	7.76	AV	326.00	300	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.44	74.0	19.56	Peak	52.00	200	Horizontal	Pass
1**	5350.000	44.35	54.0	9.65	AV	52.00	200	Horizontal	Pass
2	5424.018	56.57	74.0	17.43	Peak	19.00	300	Horizontal	Pass
2**	5424.018	43.9	54.0	10.10	AV	19.00	300	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.168	56.66	74.0	17.34	Peak	143.00	200	Horizontal	Pass
1**	5077.168	46.17	54.0	7.83	AV	143.00	200	Horizontal	Pass
2	5150.000	52.7	74.0	21.30	Peak	333.00	200	Horizontal	Pass
2**	5150.000	43.85	54.0	10.15	AV	333.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.72	74.0	20.28	Peak	270.00	300	Horizontal	Pass
1**	5350.000	43.06	54.0	10.94	AV	270.00	300	Horizontal	Pass
2	5423.216	58.49	74.0	15.51	Peak	85.00	200	Horizontal	Pass
2**	5423.216	44.91	54.0	9.09	AV	85.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.847	55.38	74.0	18.62	Peak	115.00	200	Horizontal	Pass
1**	4997.847	42.26	54.0	11.74	AV	115.00	200	Horizontal	Pass
2	5150.000	53.26	74.0	20.74	Peak	48.00	100	Horizontal	Pass
2**	5150.000	44.98	54.0	9.02	AV	48.00	100	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.48	74.0	18.52	Peak	158.00	200	Horizontal	Pass
1**	5350.000	46.62	54.0	7.38	AV	158.00	200	Horizontal	Pass
2	5460.914	55.32	74.0	18.68	Peak	10.00	200	Horizontal	Pass
2**	5460.914	43.96	54.0	10.04	AV	10.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.789	54.72	74.0	19.28	Peak	123.00	100	Horizontal	Pass
1**	4997.789	45.34	54.0	8.66	AV	123.00	100	Horizontal	Pass
2	5150.000	52.99	74.0	21.01	Peak	136.00	100	Horizontal	Pass
2**	5150.000	44.2	54.0	9.80	AV	136.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.12	74.0	19.88	Peak	307.00	300	Horizontal	Pass
1**	5350.000	43.62	54.0	10.38	AV	307.00	300	Horizontal	Pass
2	5459.575	55.48	74.0	18.52	Peak	278.00	200	Horizontal	Pass
2**	5459.575	46.07	54.0	7.93	AV	278.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.826	56.4	74.0	17.60	Peak	137.00	300	Horizontal	Pass
1**	4996.826	45.48	54.0	8.52	AV	137.00	300	Horizontal	Pass
2	5150.000	54.33	74.0	19.67	Peak	38.00	300	Horizontal	Pass
2**	5150.000	45.94	54.0	8.06	AV	38.00	300	Horizontal	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55	74.0	19.00	Peak	311.00	300	Horizontal	Pass
1**	5350.000	43.35	54.0	10.65	AV	311.00	300	Horizontal	Pass
2	5459.701	55.67	74.0	18.33	Peak	135.00	100	Horizontal	Pass
2**	5459.701	43.34	54.0	10.66	AV	135.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4998.514	56.48	74.0	17.52	Peak	121.00	100	Horizontal	Pass
1**	4998.514	42.81	54.0	11.19	AV	121.00	100	Horizontal	Pass
2	5150.000	55.13	74.0	18.87	Peak	185.00	300	Horizontal	Pass
2**	5150.000	44.41	54.0	9.59	AV	185.00	300	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.87	74.0	18.13	Peak	342.00	200	Horizontal	Pass
1**	5350.000	43.06	54.0	10.94	AV	342.00	200	Horizontal	Pass
2	5459.825	58.09	74.0	15.91	Peak	180.00	100	Horizontal	Pass
2**	5459.825	45.68	54.0	8.32	AV	180.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.041	57.4	74.0	16.60	Peak	332.00	300	Horizontal	Pass
1**	4996.041	42.92	54.0	11.08	AV	332.00	300	Horizontal	Pass
2	5150.000	55.06	74.0	18.94	Peak	179.00	200	Horizontal	Pass
2**	5150.000	45.36	54.0	8.64	AV	179.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.77	74.0	18.23	Peak	245.00	300	Horizontal	Pass
1**	5350.000	46.14	54.0	7.86	AV	245.00	300	Horizontal	Pass
2	5460.264	56.76	74.0	17.24	Peak	146.00	200	Horizontal	Pass
2**	5460.264	44.25	54.0	9.75	AV	146.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.464	57.11	74.0	16.89	Peak	344.00	100	Horizontal	Pass
1**	4997.464	42.89	54.0	11.11	AV	344.00	100	Horizontal	Pass
2	5150.000	54.62	74.0	19.38	Peak	104.00	200	Horizontal	Pass
2**	5150.000	44.01	54.0	9.99	AV	104.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.59	74.0	19.41	Peak	236.00	200	Horizontal	Pass
1**	5350.000	44.73	54.0	9.27	AV	236.00	200	Horizontal	Pass
2	5460.646	57.16	74.0	16.84	Peak	252.00	300	Horizontal	Pass
2**	5460.646	45.95	54.0	8.05	AV	252.00	300	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.640	56.31	74.0	17.69	Peak	303.00	200	Horizontal	Pass
1**	5411.800	45.35	54.0	8.65	AV	303.00	200	Horizontal	Pass
2	5460.000	56.1	74.0	17.90	Peak	255.00	300	Horizontal	Pass
2**	5460.000	46.28	54.0	7.72	AV	255.00	300	Horizontal	Pass
3	5467.616	56.51	68.2	11.69	Peak	77.00	300	Horizontal	Pass
3**	5468.613	48.07	--	--	AV	77.00	300	Horizontal	N/A
4	5470.000	53.1	68.2	15.10	Peak	109.00	200	Horizontal	Pass
4**	5470.000	45.31	--	--	AV	109.00	200	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.09	68.2	14.11	Peak	166.00	300	Horizontal	Pass
2	5777.361	55.86	68.2	12.34	Peak	185.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.161	57.48	74.0	16.52	Peak	339.00	300	Horizontal	Pass
1**	5410.491	45.53	54.0	8.47	AV	339.00	300	Horizontal	Pass
2	5460.000	55.38	74.0	18.62	Peak	252.00	200	Horizontal	Pass
2**	5460.000	43.86	54.0	10.14	AV	252.00	200	Horizontal	Pass
3	5467.033	57.15	68.2	11.05	Peak	120.00	200	Horizontal	Pass
3**	5467.278	46.75	--	--	AV	120.00	200	Horizontal	N/A
4	5470.000	56.63	68.2	11.57	Peak	38.00	200	Horizontal	Pass
4**	5470.000	46.5	--	--	AV	38.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.23	68.2	11.97	Peak	182.00	200	Horizontal	Pass
2	5776.280	57.43	68.2	10.77	Peak	316.00	200	Horizontal	Pass

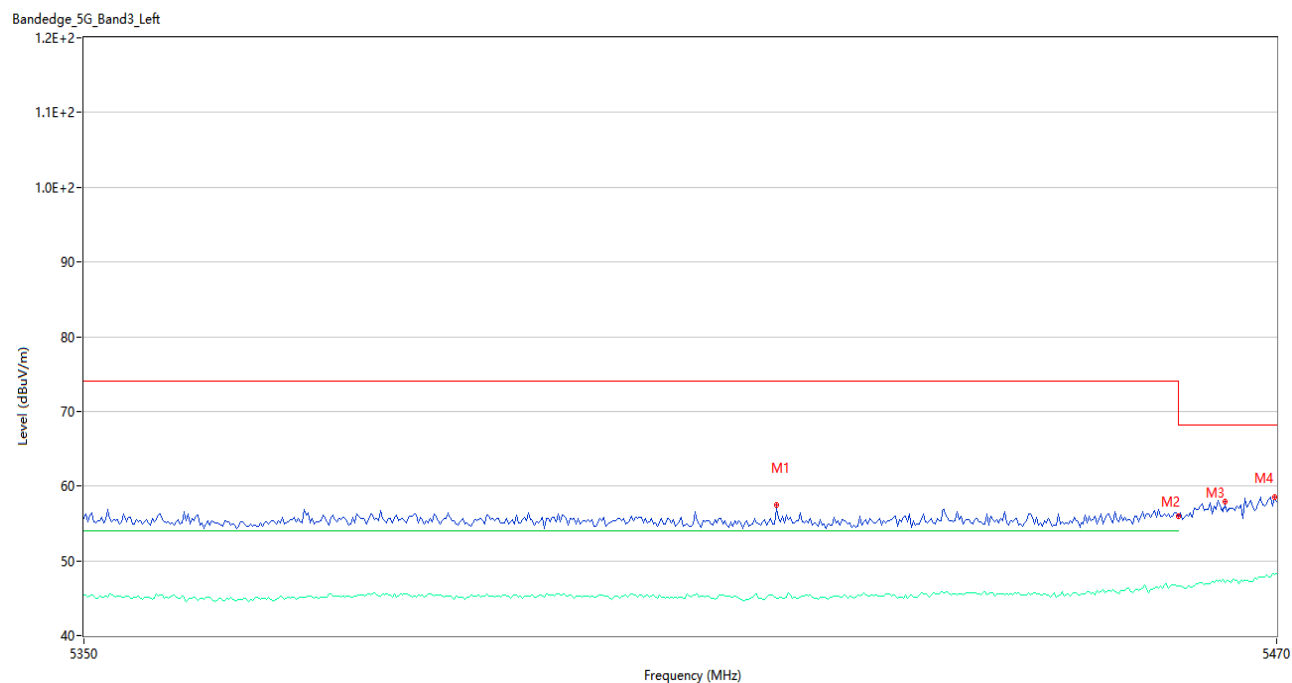
U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5413.088	55.95	74.0	18.05	Peak	28.00	200	Horizontal	Pass
1**	5412.691	46.3	54.0	7.70	AV	28.00	200	Horizontal	Pass
2	5460.000	54.3	74.0	19.70	Peak	326.00	300	Horizontal	Pass
2**	5460.000	45.39	54.0	8.61	AV	326.00	300	Horizontal	Pass
3	5468.679	57.95	68.2	10.25	Peak	89.00	300	Horizontal	Pass
3**	5465.950	44.75	--	--	AV	89.00	300	Horizontal	N/A
4	5470.000	56.65	68.2	11.55	Peak	174.00	300	Horizontal	Pass
4**	5470.000	46.48	--	--	AV	174.00	300	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.03	68.2	14.17	Peak	297.00	200	Horizontal	Pass
2	5776.345	57.22	68.2	10.98	Peak	27.00	300	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.588	55.36	74.0	18.64	Peak	205.00	300	Horizontal	Pass
1**	5411.256	44.42	54.0	9.58	AV	205.00	300	Horizontal	Pass
2	5460.000	54.41	74.0	19.59	Peak	106.00	200	Horizontal	Pass
2**	5460.000	47.2	54.0	6.80	AV	106.00	200	Horizontal	Pass
3	5467.875	55.79	68.2	12.41	Peak	206.00	200	Horizontal	Pass
3**	5467.596	46.18	--	--	AV	206.00	200	Horizontal	N/A
4	5470.000	55.97	68.2	12.23	Peak	255.00	200	Horizontal	Pass
4**	5470.000	47.8	--	--	AV	255.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.61	68.2	11.59	Peak	39.00	200	Horizontal	Pass
2	5776.561	57.48	68.2	10.72	Peak	59.00	300	Horizontal	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.406	58.73	74.0	15.27	Peak	314.00	200	Horizontal	Pass
1**	5412.565	44.34	54.0	9.66	AV	314.00	200	Horizontal	Pass
2	5460.000	54.64	74.0	19.36	Peak	292.00	300	Horizontal	Pass
2**	5460.000	46.04	54.0	7.96	AV	292.00	300	Horizontal	Pass
3	5468.073	55.6	68.2	12.60	Peak	348.00	100	Horizontal	Pass
3**	5467.794	44.99	--	--	AV	348.00	100	Horizontal	N/A
4	5470.000	52.79	68.2	15.41	Peak	305.00	200	Horizontal	Pass
4**	5470.000	46.92	--	--	AV	305.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.69	68.2	13.51	Peak	348.00	300	Horizontal	Pass
2	5777.313	56.53	68.2	11.67	Peak	148.00	300	Horizontal	Pass

U-NII-2C 11ac80 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.568	54.88	74.0	19.12	Peak	30.00	300	Horizontal	Pass
1**	5411.782	45.59	54.0	8.41	AV	30.00	300	Horizontal	Pass
2	5460.000	57.29	74.0	16.71	Peak	109.00	200	Horizontal	Pass
2**	5460.000	45.31	54.0	8.69	AV	109.00	200	Horizontal	Pass
3	5467.785	56.52	68.2	11.68	Peak	12.00	200	Horizontal	Pass
3**	5467.196	45.18	--	--	AV	12.00	200	Horizontal	N/A
4	5470.000	56.29	68.2	11.91	Peak	100.00	200	Horizontal	Pass
4**	5470.000	47.8	--	--	AV	100.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.83	68.2	13.37	Peak	212.00	100	Horizontal	Pass
2	5775.428	56.46	68.2	11.74	Peak	306.00	200	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.672	57.17	68.2	11.03	Peak	143.00	300	Horizontal	Pass
2	5650.000	54.22	68.2	13.98	Peak	143.00	300	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	53.72	68.2	14.48	Peak	100.00	100	Horizontal	Pass
2	5942.992	56.14	68.2	12.06	Peak	340.00	300	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.827	55.06	68.2	13.14	Peak	77.00	300	Horizontal	Pass
2	5650.000	54.82	68.2	13.38	Peak	77.00	300	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	52.97	68.2	15.23	Peak	266.00	100	Horizontal	Pass
2	5945.381	55.83	68.2	12.37	Peak	337.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.484	54.02	68.2	14.18	Peak	121.00	100	Horizontal	Pass
2	5650.000	53.25	68.2	14.95	Peak	121.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	51.92	68.2	16.28	Peak	173.00	200	Horizontal	Pass
2	5948.098	54.5	68.2	13.70	Peak	229.00	300	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.801	51.85	68.2	16.35	Peak	293.00	200	Horizontal	Pass
2	5650.000	51.17	68.2	17.03	Peak	293.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.67	68.2	18.53	Peak	92.00	200	Horizontal	Pass
2	5951.052	55.28	68.2	12.92	Peak	13.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.010	49.59	68.2	18.61	Peak	228.00	300	Horizontal	Pass
2	5650.000	50.5	68.2	17.70	Peak	228.00	300	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.76	68.2	18.44	Peak	106.00	200	Horizontal	Pass
2	5953.177	56.27	68.2	11.93	Peak	58.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.054	49.7	68.2	18.50	Peak	222.00	100	Horizontal	Pass
2	5650.000	49.71	68.2	18.49	Peak	222.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.26	68.2	18.94	Peak	168.00	200	Horizontal	Pass
2	5954.415	53.42	68.2	14.78	Peak	133.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2590777-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2590777-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2590777-AI.PDF”.

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--END OF REPORT--