

TEST REPORT

Applicant: REOLINK TECHNOLOGY PTE. LTD.
Address: 31 KAKI BUKIT ROAD 3, #06-02, TECHLINK,
SINGAPORE 417818
Equipment Type: Network Video Recorder
Model Name: Reolink Home Hub Mini (refer to section 2.3)
Brand Name: Reolink
FCC ID: 2BN5S-2507A
ISED Number: 33667-2507A
47 CFR Part 15 Subpart E
Test Standard: RSS-Gen Issue 5
RSS-247 Issue 4
(refer to section 3.1)
Sample Arrival Date: Oct. 23, 2025
Test Date: Nov. 05, 2025 - Dec. 08, 2025
Date of Issue: Dec. 24, 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. 24, 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	REOLINK TECHNOLOGY PTE. LTD.
Address	31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818

2.2 Manufacturer Information

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

2.3 General Description for Equipment under Test (EUT)

EUT Name	Network Video Recorder
Model Name Under Test	Reolink Home Hub Mini
Series Model Name	Hub 1 Lite
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Serial Number	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location Indoor for IC standard
Modulation Technology	OFDM, OFDMA
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9 802.11ax up to 1201 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz 802.11ax: 20 MHz, 40 MHz
Maximum Output Power	U-NII-1: 20.09 mW U-NII-2A: 19.19 mW U-NII-2C: 20.09 mW U-NII-3: 47.32 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PCB Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 6.13 dBi U-NII-2A: 5250 MHz to 5350 MHz: 6.14 dBi U-NII-2C: 5470 MHz to 5725 MHz: 6.53 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.73 dBi
About the Product	The equipment is Network Video Recorder, intended for used with information technology equipment.

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

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	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
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)/ax(HE20)

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

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

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

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

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

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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
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
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
Band Edge (Restricted-band)	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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151

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	ANSI C63.10-2020 + Corrigendum 1-2023 + Amendment a-2024	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
5	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

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	49% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.3°C to +25.3°C
Working Voltage of the EUT	NV (Normal Voltage)	12 V

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
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%

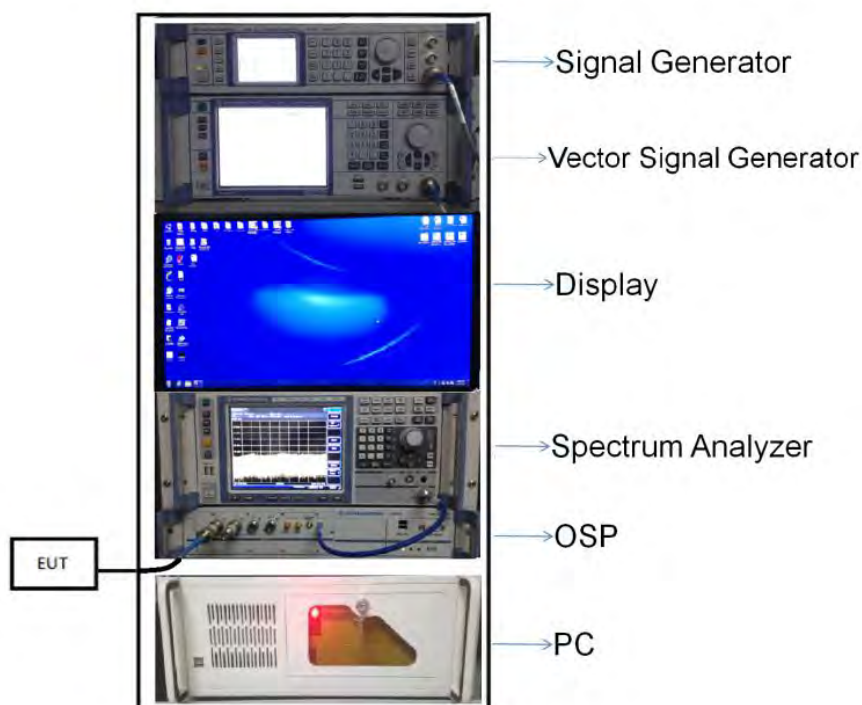
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

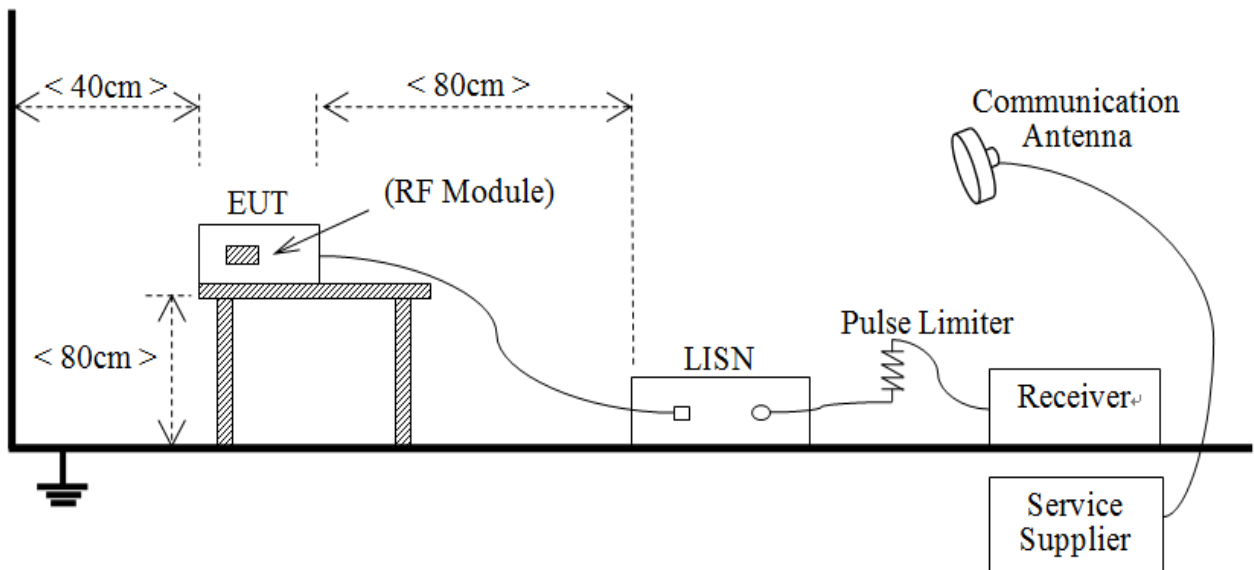
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



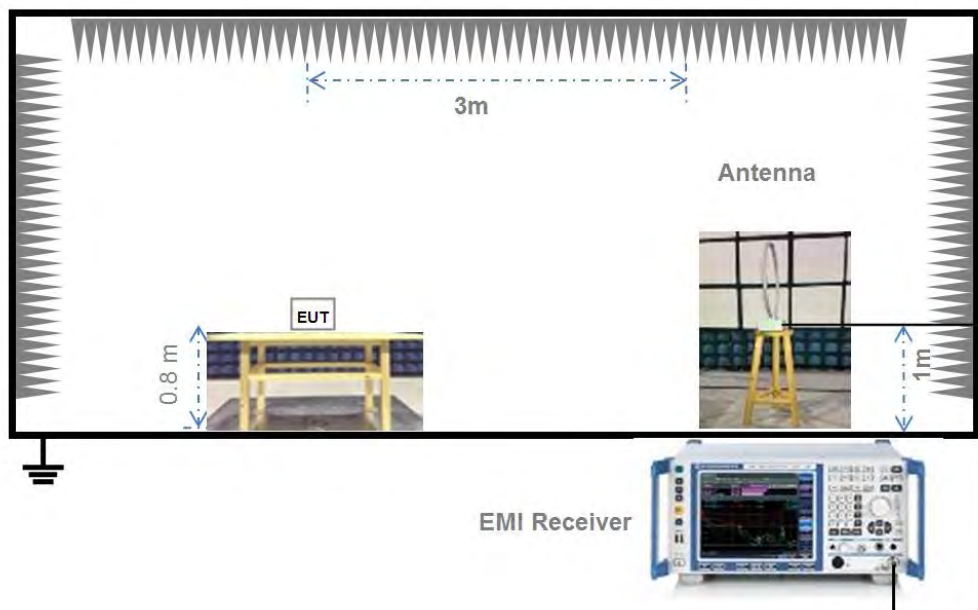
(Diagram 1)

4.5.2 For AC Power Supply Port Test



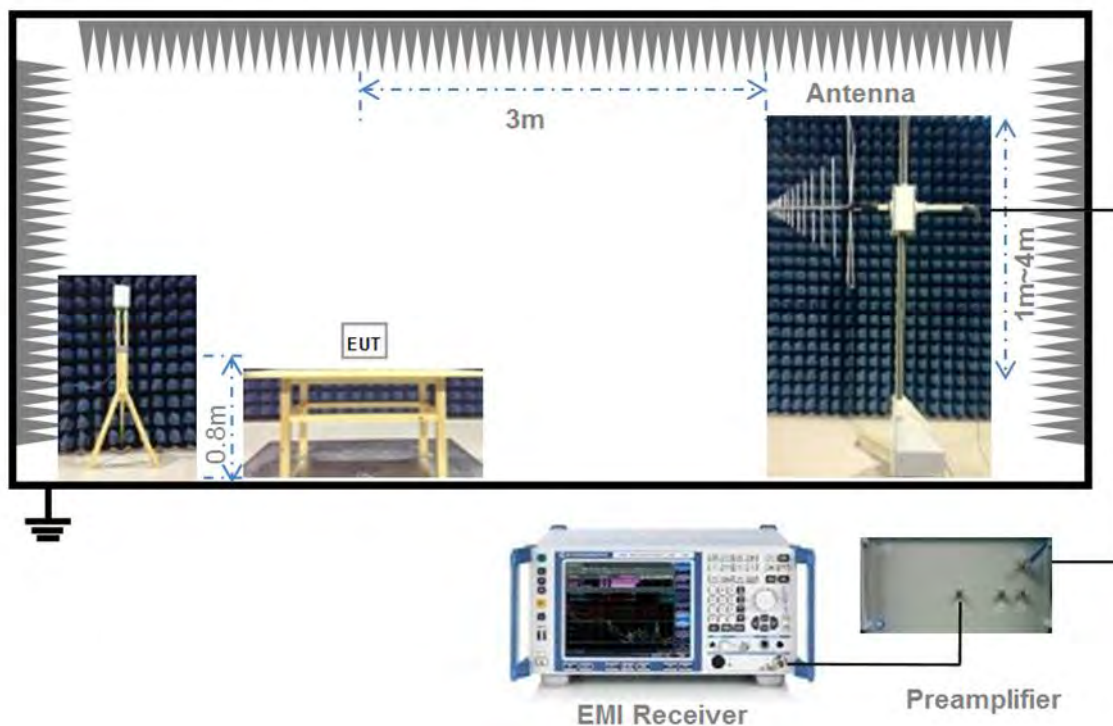
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



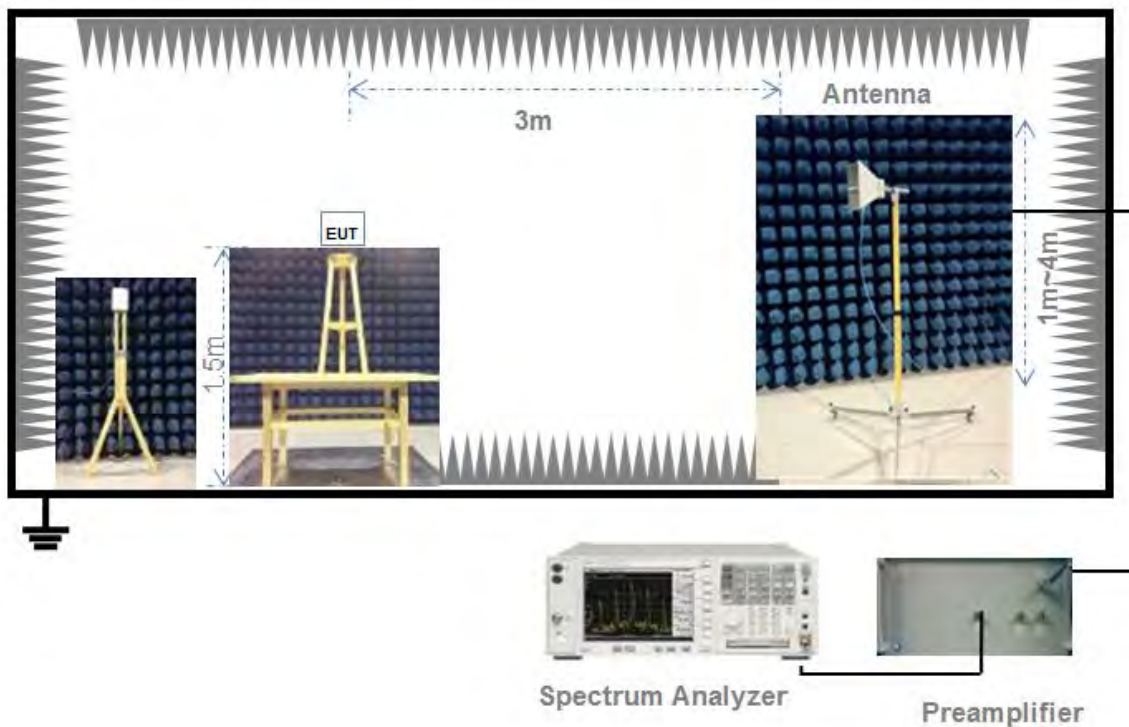
(Diagram 3)

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.	

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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)

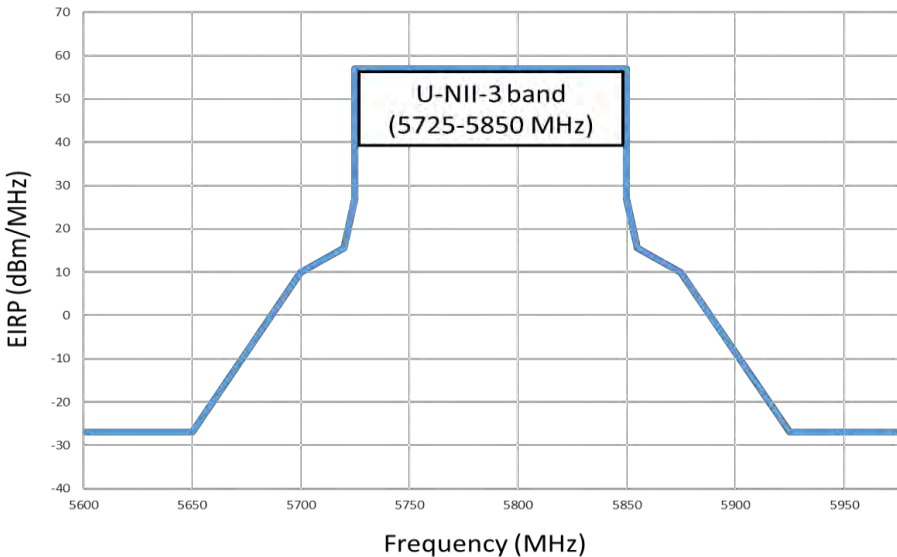
5.5.1 Limit

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	1.40	1.43	97.55%	0.11
11n(HT20)/11ac(VHT20)	1.31	1.35	96.97%	0.13
11n(HT40)/11ac(VHT40)	4.87	4.95	98.48%	0.07
11ax(HE20)(SU)	1.02	1.06	96.49%	0.16
11ax(HE40)(SU)	3.85	3.91	98.44%	0.07

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.03	20.09	243.78	Pass
11a	CH44	12.95	19.72	243.78	Pass
11a	CH48	12.43	17.50	243.78	Pass
11n(HT20)	CH36	12.94	19.68	243.78	Pass
11n(HT20)	CH44	12.85	19.28	243.78	Pass
11n(HT20)	CH48	12.38	17.30	243.78	Pass
11n(HT40)	CH38	12.84	19.23	243.78	Pass
11n(HT40)	CH46	12.79	19.01	243.78	Pass
11ac(VHT20)	CH36	12.84	19.23	243.78	Pass
11ac(VHT20)	CH44	12.76	18.88	243.78	Pass
11ac(VHT20)	CH48	11.31	13.52	243.78	Pass
11ac(VHT40)	CH38	12.81	19.10	243.78	Pass
11ac(VHT40)	CH46	12.74	18.79	243.78	Pass
11ax(HE20)(SU)	CH36	12.59	18.16	243.78	Pass
11ax(HE20)(SU)	CH44	12.62	18.28	243.78	Pass
11ax(HE20)(SU)	CH48	12.58	18.11	243.78	Pass
11ax(HE40)(SU)	CH38	12.18	16.52	243.78	Pass
11ax(HE40)(SU)	CH46	12.68	18.54	243.78	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	12.14	16.37	243.22	211	Pass
11a	CH60	12.15	16.41	243.22	211	Pass
11a	CH64	12.75	18.84	243.22	211	Pass
11n(HT20)	CH52	12.18	16.52	243.22	226	Pass
11n(HT20)	CH60	12.16	16.44	243.22	226	Pass
11n(HT20)	CH64	12.56	18.03	243.22	226	Pass
11n(HT40)	CH54	12.81	19.10	243.22	243	Pass
11n(HT40)	CH62	12.83	19.19	243.22	243	Pass
11ac(VHT20)	CH52	12.71	18.66	243.22	226	Pass
11ac(VHT20)	CH60	12.80	19.05	243.22	226	Pass
11ac(VHT20)	CH64	12.38	17.30	243.22	226	Pass
11ac(VHT40)	CH54	12.78	18.97	243.22	243	Pass
11ac(VHT40)	CH62	12.79	19.01	243.22	243	Pass
11ax(HE20)(SU)	CH52	12.85	19.28	243.22	241	Pass
11ax(HE20)(SU)	CH60	11.95	15.67	243.22	240	Pass
11ax(HE20)(SU)	CH64	12.72	18.71	243.22	240	Pass
11ax(HE40)(SU)	CH54	12.79	19.01	243.22	243	Pass
11ax(HE40)(SU)	CH62	12.94	19.68	243.22	243	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.33	17.10	222.33	213	Pass
11a	CH116	12.34	17.14	222.33	212	Pass
11a	CH140	12.56	18.03	222.33	212	Pass
11n(HT20)	CH100	12.35	17.18	222.33	222	Pass
11n(HT20)	CH116	12.79	19.01	222.33	222	Pass
11n(HT20)	CH140	12.38	17.30	222.33	222	Pass
11n(HT40)	CH102	12.60	18.20	222.33	222	Pass
11n(HT40)	CH118	12.74	18.79	222.33	222	Pass
11n(HT40)	CH134	12.09	16.18	222.33	222	Pass
11ac(VHT20)	CH100	12.83	19.19	222.33	222	Pass
11ac(VHT20)	CH116	12.52	17.86	222.33	222	Pass
11ac(VHT20)	CH140	13.03	20.09	222.33	222	Pass
11ac(VHT40)	CH102	12.44	17.54	222.33	222	Pass
11ac(VHT40)	CH118	12.22	16.67	222.33	222	Pass
11ac(VHT40)	CH134	12.85	19.28	222.33	222	Pass
11ax(HE20)(SU)	CH100	12.21	16.63	222.33	222	Pass
11ax(HE20)(SU)	CH116	12.34	17.14	222.33	222	Pass
11ax(HE20)(SU)	CH140	12.41	17.42	222.33	222	Pass
11ax(HE40)(SU)	CH102	12.18	16.52	222.33	222	Pass
11ax(HE40)(SU)	CH118	12.30	16.98	222.33	222	Pass
11ax(HE40)(SU)	CH134	12.75	18.84	222.33	222	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH149	12.79	19.01	845.28	845.28	Pass
11a	CH157	12.39	17.34	845.28	845.28	Pass
11a	CH165	11.95	15.67	845.28	845.28	Pass
11n(HT20)	CH149	12.71	18.66	845.28	845.28	Pass
11n(HT20)	CH157	12.42	17.46	845.28	845.28	Pass
11n(HT20)	CH165	11.93	15.60	845.28	845.28	Pass
11n(HT40)	CH151	12.44	17.54	845.28	845.28	Pass
11n(HT40)	CH159	12.49	17.74	845.28	845.28	Pass
11ac(VHT20)	CH149	12.10	16.22	845.28	845.28	Pass
11ac(VHT20)	CH157	16.75	47.32	845.28	845.28	Pass
11ac(VHT20)	CH165	12.38	17.30	845.28	845.28	Pass
11ac(VHT40)	CH151	12.88	19.41	845.28	845.28	Pass
11ac(VHT40)	CH159	12.45	17.58	845.28	845.28	Pass
11ax(HE20)(SU)	CH149	12.47	17.66	845.28	845.28	Pass
11ax(HE20)(SU)	CH157	12.99	19.91	845.28	845.28	Pass
11ax(HE20)(SU)	CH165	12.85	19.28	845.28	845.28	Pass
11ax(HE40)(SU)	CH151	12.66	18.45	845.28	845.28	Pass
11ax(HE40)(SU)	CH159	12.76	18.88	845.28	845.28	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	19.16	82.41	168	Pass
11a	CH44	19.08	80.91	168	Pass
11a	CH48	18.56	71.78	168	Pass
11n(HT20)	CH36	19.07	80.72	179	Pass
11n(HT20)	CH44	18.98	79.07	179	Pass
11n(HT20)	CH48	18.51	70.96	179	Pass
11n(HT40)	CH38	18.97	78.89	250	Pass
11n(HT40)	CH46	18.92	77.98	250	Pass
11ac(VHT20)	CH36	18.97	78.89	179	Pass
11ac(VHT20)	CH44	18.89	77.45	179	Pass
11ac(VHT20)	CH48	17.44	55.46	179	Pass
11ac(VHT40)	CH38	18.94	78.34	250	Pass
11ac(VHT40)	CH46	18.87	77.09	250	Pass
11ax(HE20)(SU)	CH36	18.72	74.47	191	Pass
11ax(HE20)(SU)	CH44	18.75	74.99	191	Pass
11ax(HE20)(SU)	CH48	18.71	74.30	191	Pass
11ax(HE40)(SU)	CH38	18.31	67.76	250	Pass
11ax(HE40)(SU)	CH46	18.81	76.03	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	18.28	67.30	840	Pass
11a	CH60	18.29	67.45	840	Pass
11a	CH64	18.89	77.45	840	Pass
11n(HT20)	CH52	18.32	67.92	898	Pass
11n(HT20)	CH60	18.30	67.61	898	Pass
11n(HT20)	CH64	18.70	74.13	898	Pass
11n(HT40)	CH54	18.95	78.52	1000	Pass
11n(HT40)	CH62	18.97	78.89	1000	Pass
11ac(VHT20)	CH52	18.85	76.74	899	Pass
11ac(VHT20)	CH60	18.94	78.34	900	Pass
11ac(VHT20)	CH64	18.52	71.12	898	Pass
11ac(VHT40)	CH54	18.92	77.98	1000	Pass
11ac(VHT40)	CH62	18.93	78.16	1000	Pass
11ax(HE20)(SU)	CH52	18.99	79.25	899	Pass
11ax(HE20)(SU)	CH60	18.09	64.42	900	Pass
11ax(HE20)(SU)	CH64	18.86	76.91	898	Pass
11ax(HE40)(SU)	CH54	18.93	78.16	1000	Pass
11ax(HE40)(SU)	CH62	19.08	80.91	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	18.86	76.91	847	Pass
11a	CH116	18.87	77.09	845	Pass
11a	CH140	19.09	81.10	845	Pass
11n(HT20)	CH100	18.88	77.27	904	Pass
11n(HT20)	CH116	19.32	85.51	903	Pass
11n(HT20)	CH140	18.91	77.80	903	Pass
11n(HT40)	CH102	19.13	81.85	1000	Pass
11n(HT40)	CH118	19.27	84.53	1000	Pass
11n(HT40)	CH134	18.62	72.78	1000	Pass
11ac(VHT20)	CH100	19.36	86.30	905	Pass
11ac(VHT20)	CH116	19.05	80.35	905	Pass
11ac(VHT20)	CH140	19.56	90.36	904	Pass
11ac(VHT40)	CH102	18.97	78.89	1000	Pass
11ac(VHT40)	CH118	18.75	74.99	1000	Pass
11ac(VHT40)	CH134	19.38	86.70	1000	Pass
11ax(HE20)(SU)	CH100	18.74	74.82	905	Pass
11ax(HE20)(SU)	CH116	18.87	77.09	905	Pass
11ax(HE20)(SU)	CH140	18.94	78.34	904	Pass
11ax(HE40)(SU)	CH102	18.71	74.30	1000	Pass
11ax(HE40)(SU)	CH118	18.83	76.38	1000	Pass
11ax(HE40)(SU)	CH134	19.28	84.72	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	19.52	89.54	Pass
11a	CH157	19.12	81.66	Pass
11a	CH165	18.68	73.79	Pass
11n(HT20)	CH149	19.44	87.90	Pass
11n(HT20)	CH157	19.15	82.22	Pass
11n(HT20)	CH165	18.66	73.45	Pass
11n(HT40)	CH151	19.17	82.60	Pass
11n(HT40)	CH159	19.22	83.56	Pass
11ac(VHT20)	CH149	18.83	76.38	Pass
11ac(VHT20)	CH157	23.48	222.84	Pass
11ac(VHT20)	CH165	19.11	81.47	Pass
11ac(VHT40)	CH151	19.61	91.41	Pass
11ac(VHT40)	CH159	19.18	82.79	Pass
11ax(HE20)(SU)	CH149	19.20	83.18	Pass
11ax(HE20)(SU)	CH157	19.72	93.76	Pass
11ax(HE20)(SU)	CH165	19.58	90.78	Pass
11ax(HE40)(SU)	CH151	19.39	86.90	Pass
11ax(HE40)(SU)	CH159	19.49	88.92	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2590142-602 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.00	16.77
11a	CH44	24.27	16.83
11a	CH48	24.77	16.76
11n(HT20)	CH36	25.16	17.92
11n(HT20)	CH44	24.83	17.93
11n(HT20)	CH48	25.15	17.93
11n(HT40)	CH38	41.39	36.13
11n(HT40)	CH46	41.35	36.14
11ac(VHT20)	CH36	24.76	17.90
11ac(VHT20)	CH44	24.98	17.93
11ac(VHT20)	CH48	24.78	17.95
11ac(VHT40)	CH38	41.25	36.17
11ac(VHT40)	CH46	41.77	36.19
11ax(HE20)(SU)	CH36	26.53	19.13
11ax(HE20)(SU)	CH44	26.13	19.12
11ax(HE20)(SU)	CH48	26.74	19.14
11ax(HE40)(SU)	CH38	42.00	37.55
11ax(HE40)(SU)	CH46	41.94	37.60

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.32	16.77
11a	CH60	24.02	16.76
11a	CH64	24.14	16.76
11n(HT20)	CH52	24.79	17.93
11n(HT20)	CH60	24.91	17.92
11n(HT20)	CH64	25.12	17.93
11n(HT40)	CH54	41.68	36.18
11n(HT40)	CH62	41.36	36.16
11ac(VHT20)	CH52	24.43	17.94
11ac(VHT20)	CH60	24.38	17.95
11ac(VHT20)	CH64	25.20	17.93
11ac(VHT40)	CH54	41.45	36.18
11ac(VHT40)	CH62	41.55	36.19
11ax(HE20)(SU)	CH52	25.80	19.14
11ax(HE20)(SU)	CH60	25.79	19.10
11ax(HE20)(SU)	CH64	26.14	19.09
11ax(HE40)(SU)	CH54	41.60	37.59
11ax(HE40)(SU)	CH62	42.14	37.51

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.82	16.89
11a	CH116	24.74	16.86
11a	CH140	24.50	16.86
11n(HT20)	CH100	25.69	18.03
11n(HT20)	CH116	25.97	18.03
11n(HT20)	CH140	26.16	18.03
11n(HT40)	CH102	41.86	36.29
11n(HT40)	CH118	41.87	36.28
11n(HT40)	CH134	41.70	36.32
11ac(VHT20)	CH100	25.40	18.07
11ac(VHT20)	CH116	25.59	18.05
11ac(VHT20)	CH140	25.49	18.05
11ac(VHT40)	CH102	41.85	36.28
11ac(VHT40)	CH118	41.85	36.35
11ac(VHT40)	CH134	41.90	36.28
11ax(HE20)(SU)	CH100	26.81	19.22
11ax(HE20)(SU)	CH116	26.08	19.24
11ax(HE20)(SU)	CH140	26.79	19.25
11ax(HE40)(SU)	CH102	42.30	37.78
11ax(HE40)(SU)	CH118	42.36	37.78
11ax(HE40)(SU)	CH134	42.25	37.74

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.93	16.90
11a	CH157	24.59	16.88
11a	CH165	24.46	16.91
11n(HT20)	CH149	26.12	18.04
11n(HT20)	CH157	25.67	18.05
11n(HT20)	CH165	25.31	18.06
11n(HT40)	CH151	41.88	36.32
11n(HT40)	CH159	41.89	36.29
11ac(VHT20)	CH149	25.87	18.06
11ac(VHT20)	CH157	25.62	18.07
11ac(VHT20)	CH165	25.86	18.10
11ac(VHT40)	CH151	41.72	36.29
11ac(VHT40)	CH159	42.00	36.29
11ax(HE20)(SU)	CH149	26.08	19.25
11ax(HE20)(SU)	CH157	26.79	19.21
11ax(HE20)(SU)	CH165	27.23	19.20
11ax(HE40)(SU)	CH151	42.62	37.74
11ax(HE40)(SU)	CH159	42.24	37.72

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2590142-602 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	36.40	500.00	Pass
11n(HT40)	CH159	36.40	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	36.30	500.00	Pass
11ac(VHT40)	CH159	36.30	500.00	Pass
11ax(HE20)(SU)	CH149	19.20	500.00	Pass
11ax(HE20)(SU)	CH157	19.20	500.00	Pass
11ax(HE20)(SU)	CH165	19.10	500.00	Pass
11ax(HE40)(SU)	CH151	37.80	500.00	Pass
11ax(HE40)(SU)	CH159	38.00	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2590142-602 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-2.99	10.87	Pass
11a	CH44	0.31	10.87	Pass
11a	CH48	-0.50	10.87	Pass
11n(HT20)	CH36	-0.01	10.87	Pass
11n(HT20)	CH44	-0.29	10.87	Pass
11n(HT20)	CH48	-0.90	10.87	Pass
11n(HT40)	CH38	-2.88	10.87	Pass
11n(HT40)	CH46	-3.65	10.87	Pass
11ac(VHT20)	CH36	-0.28	10.87	Pass
11ac(VHT20)	CH44	-0.74	10.87	Pass
11ac(VHT20)	CH48	-2.11	10.87	Pass
11ac(VHT40)	CH38	-2.77	10.87	Pass
11ac(VHT40)	CH46	-3.05	10.87	Pass
11ax(HE20)(SU)	CH36	0.38	10.87	Pass
11ax(HE20)(SU)	CH44	0.35	10.87	Pass
11ax(HE20)(SU)	CH48	0.21	10.87	Pass
11ax(HE40)(SU)	CH38	-2.53	10.87	Pass
11ax(HE40)(SU)	CH46	-2.17	10.87	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	-0.44	10.86	11.00	Pass
11a	CH60	-0.32	10.86	11.00	Pass
11a	CH64	0.25	10.86	11.00	Pass
11n(HT20)	CH52	-0.59	10.86	11.00	Pass
11n(HT20)	CH60	-0.67	10.86	11.00	Pass
11n(HT20)	CH64	-0.13	10.86	11.00	Pass
11n(HT40)	CH54	-3.35	10.86	11.00	Pass
11n(HT40)	CH62	-3.30	10.86	11.00	Pass
11ac(VHT20)	CH52	-0.54	10.86	11.00	Pass
11ac(VHT20)	CH60	-0.60	10.86	11.00	Pass
11ac(VHT20)	CH64	-0.93	10.86	11.00	Pass
11ac(VHT40)	CH54	-3.37	10.86	11.00	Pass
11ac(VHT40)	CH62	-3.28	10.86	11.00	Pass
11ax(HE20)(SU)	CH52	0.62	10.86	11.00	Pass
11ax(HE20)(SU)	CH60	-0.27	10.86	11.00	Pass
11ax(HE20)(SU)	CH64	0.59	10.86	11.00	Pass
11ax(HE40)(SU)	CH54	-3.79	10.86	11.00	Pass
11ax(HE40)(SU)	CH62	-1.79	10.86	11.00	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-0.66	10.47	11.00	Pass
11a	CH116	-1.65	10.47	11.00	Pass
11a	CH140	-0.09	10.47	11.00	Pass
11n(HT20)	CH100	-0.98	10.47	11.00	Pass
11n(HT20)	CH116	-0.04	10.47	11.00	Pass
11n(HT20)	CH140	-0.27	10.47	11.00	Pass
11n(HT40)	CH102	-1.41	10.47	11.00	Pass
11n(HT40)	CH118	-3.02	10.47	11.00	Pass
11n(HT40)	CH134	-3.99	10.47	11.00	Pass
11ac(VHT20)	CH100	-0.92	10.47	11.00	Pass
11ac(VHT20)	CH116	-1.05	10.47	11.00	Pass
11ac(VHT20)	CH140	-0.23	10.47	11.00	Pass
11ac(VHT40)	CH102	-1.42	10.47	11.00	Pass
11ac(VHT40)	CH118	-3.99	10.47	11.00	Pass
11ac(VHT40)	CH134	-3.01	10.47	11.00	Pass
11ax(HE20)(SU)	CH100	-0.49	10.47	11.00	Pass
11ax(HE20)(SU)	CH116	0.78	10.47	11.00	Pass
11ax(HE20)(SU)	CH140	-0.31	10.47	11.00	Pass
11ax(HE40)(SU)	CH102	-2.67	10.47	11.00	Pass
11ax(HE40)(SU)	CH118	-2.86	10.47	11.00	Pass
11ax(HE40)(SU)	CH134	-2.43	10.47	11.00	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	-3.18	29.27	30.00	Pass
11a	CH157	-3.47	29.27	30.00	Pass
11a	CH165	-4.32	29.27	30.00	Pass
11n(HT20)	CH149	-3.25	29.27	30.00	Pass
11n(HT20)	CH157	-3.93	29.27	30.00	Pass
11n(HT20)	CH165	-4.55	29.27	30.00	Pass
11n(HT40)	CH151	-6.52	29.27	30.00	Pass
11n(HT40)	CH159	-7.22	29.27	30.00	Pass
11ac(VHT20)	CH149	-4.28	29.27	30.00	Pass
11ac(VHT20)	CH157	-3.99	29.27	30.00	Pass
11ac(VHT20)	CH165	-4.55	29.27	30.00	Pass
11ac(VHT40)	CH151	-6.08	29.27	30.00	Pass
11ac(VHT40)	CH159	-6.73	29.27	30.00	Pass
11ax(HE20)(SU)	CH149	-3.09	29.27	30.00	Pass
11ax(HE20)(SU)	CH157	-2.53	29.27	30.00	Pass
11ax(HE20)(SU)	CH165	-2.60	29.27	30.00	Pass
11ax(HE40)(SU)	CH151	-5.63	29.27	30.00	Pass
11ax(HE40)(SU)	CH159	-5.54	29.27	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	3.14	10.00	Pass
11a	CH44	6.44	10.00	Pass
11a	CH48	5.63	10.00	Pass
11n(HT20)	CH36	6.12	10.00	Pass
11n(HT20)	CH44	5.84	10.00	Pass
11n(HT20)	CH48	5.23	10.00	Pass
11n(HT40)	CH38	3.25	10.00	Pass
11n(HT40)	CH46	2.48	10.00	Pass
11ac(VHT20)	CH36	5.85	10.00	Pass
11ac(VHT20)	CH44	5.39	10.00	Pass
11ac(VHT20)	CH48	4.02	10.00	Pass
11ac(VHT40)	CH38	3.36	10.00	Pass
11ac(VHT40)	CH46	3.08	10.00	Pass
11ax(HE20)(SU)	CH36	6.51	10.00	Pass
11ax(HE20)(SU)	CH44	6.48	10.00	Pass
11ax(HE20)(SU)	CH48	6.34	10.00	Pass
11ax(HE40)(SU)	CH38	3.60	10.00	Pass
11ax(HE40)(SU)	CH46	3.96	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	5.70	Pass
11a	CH60	5.82	Pass
11a	CH64	6.39	Pass
11n(HT20)	CH52	5.55	Pass
11n(HT20)	CH60	5.47	Pass
11n(HT20)	CH64	6.01	Pass
11n(HT40)	CH54	2.79	Pass
11n(HT40)	CH62	2.85	Pass
11ac(VHT20)	CH52	5.60	Pass
11ac(VHT20)	CH60	5.54	Pass
11ac(VHT20)	CH64	5.21	Pass
11ac(VHT40)	CH54	2.78	Pass
11ac(VHT40)	CH62	2.86	Pass
11ax(HE20)(SU)	CH52	6.76	Pass
11ax(HE20)(SU)	CH60	5.87	Pass
11ax(HE20)(SU)	CH64	6.73	Pass
11ax(HE40)(SU)	CH54	2.35	Pass
11ax(HE40)(SU)	CH62	4.35	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	5.87	Pass
11a	CH116	4.88	Pass
11a	CH140	6.44	Pass
11n(HT20)	CH100	5.55	Pass
11n(HT20)	CH116	6.49	Pass
11n(HT20)	CH140	6.26	Pass
11n(HT40)	CH102	5.12	Pass
11n(HT40)	CH118	3.51	Pass
11n(HT40)	CH134	2.54	Pass
11ac(VHT20)	CH100	5.61	Pass
11ac(VHT20)	CH116	5.48	Pass
11ac(VHT20)	CH140	6.30	Pass
11ac(VHT40)	CH102	5.11	Pass
11ac(VHT40)	CH118	2.54	Pass
11ac(VHT40)	CH134	3.53	Pass
11ax(HE20)(SU)	CH100	6.04	Pass
11ax(HE20)(SU)	CH116	7.31	Pass
11ax(HE20)(SU)	CH140	6.22	Pass
11ax(HE40)(SU)	CH102	3.86	Pass
11ax(HE40)(SU)	CH118	3.67	Pass
11ax(HE40)(SU)	CH134	4.10	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	3.55	Pass
11a	CH157	3.26	Pass
11a	CH165	2.41	Pass
11n(HT20)	CH149	3.48	Pass
11n(HT20)	CH157	2.80	Pass
11n(HT20)	CH165	2.18	Pass
11n(HT40)	CH151	0.21	Pass
11n(HT40)	CH159	-0.49	Pass
11ac(VHT20)	CH149	2.45	Pass
11ac(VHT20)	CH157	2.74	Pass
11ac(VHT20)	CH165	2.19	Pass
11ac(VHT40)	CH151	0.65	Pass
11ac(VHT40)	CH159	0.00	Pass
11ax(HE20)(SU)	CH149	3.64	Pass
11ax(HE20)(SU)	CH157	4.20	Pass
11ax(HE20)(SU)	CH165	4.13	Pass
11ax(HE40)(SU)	CH151	1.10	Pass
11ax(HE40)(SU)	CH159	1.19	Pass

A.5 Conducted Emissions

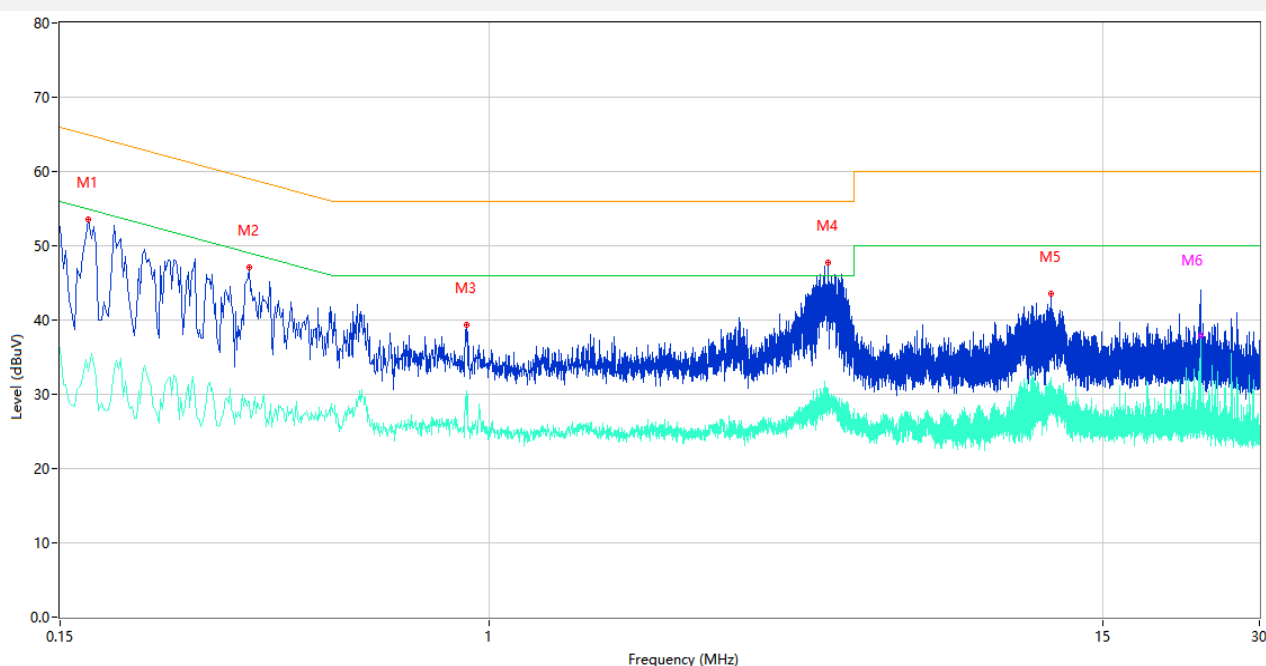
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

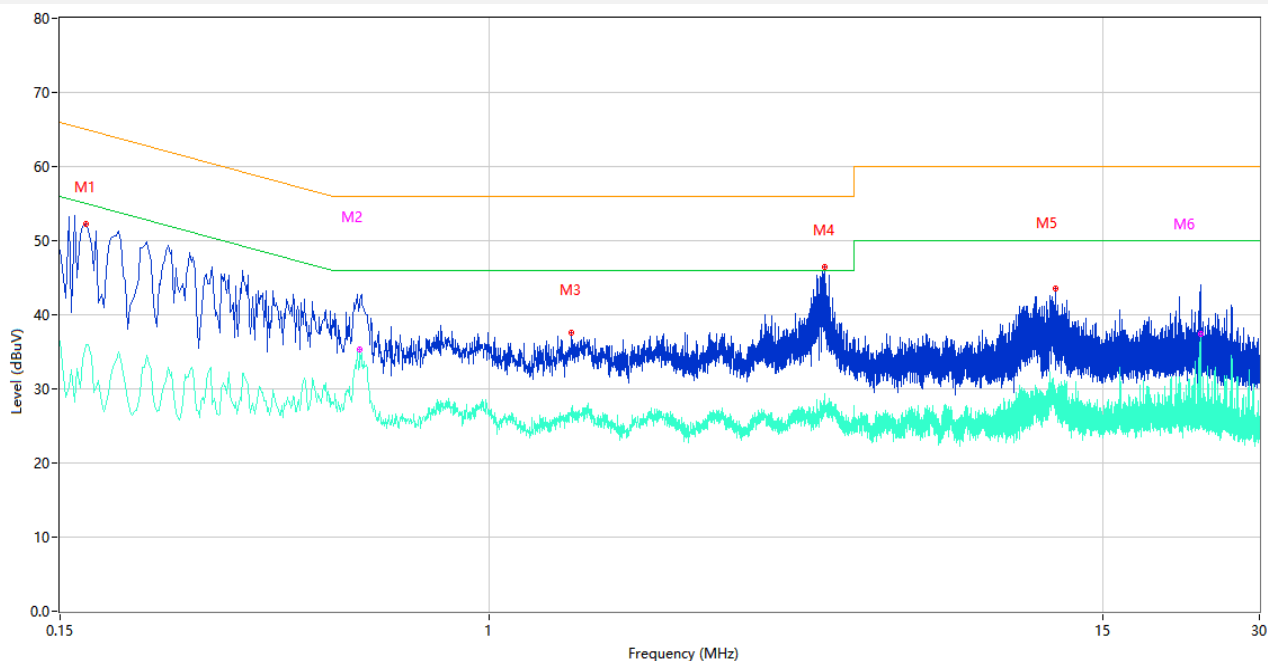
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.170	53.53	9.85	64.96	11.43	Peak	L	Pass
1**	0.170	33.10	9.85	54.96	21.86	AV	L	Pass
2	0.346	47.07	10.74	59.06	11.99	Peak	L	Pass
2**	0.346	28.96	10.74	49.06	20.10	AV	L	Pass
3	0.906	39.35	10.23	56.00	16.65	Peak	L	Pass
3**	0.906	30.50	10.23	46.00	15.50	AV	L	Pass
4	4.472	47.73	10.33	56.00	8.27	Peak	L	Pass
4**	4.472	30.81	10.33	46.00	15.19	AV	L	Pass
5	11.966	43.53	10.48	60.00	16.47	Peak	L	Pass
5**	11.966	31.88	10.48	50.00	18.12	AV	L	Pass
6	23.128	42.44	10.82	60.00	17.56	Peak	L	Pass
6**	23.128	37.85	10.82	50.00	12.15	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.168	52.26	9.85	65.06	12.80	Peak	N	Pass
1**	0.168	35.90	9.85	55.06	19.16	AV	N	Pass
2	0.564	41.72	10.12	56.00	14.28	Peak	N	Pass
2**	0.564	35.34	10.12	46.00	10.66	AV	N	Pass
3	1.438	37.57	10.05	56.00	18.43	Peak	N	Pass
3**	1.438	27.12	10.05	46.00	18.88	AV	N	Pass
4	4.396	46.47	10.45	56.00	9.53	Peak	N	Pass
4**	4.396	29.28	10.45	46.00	16.72	AV	N	Pass
5	12.178	43.49	10.54	60.00	16.51	Peak	N	Pass
5**	12.178	29.19	10.54	50.00	20.81	AV	N	Pass
6	23.130	41.53	10.83	60.00	18.47	Peak	N	Pass
6**	23.130	37.46	10.83	50.00	12.54	AV	N	Pass

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

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

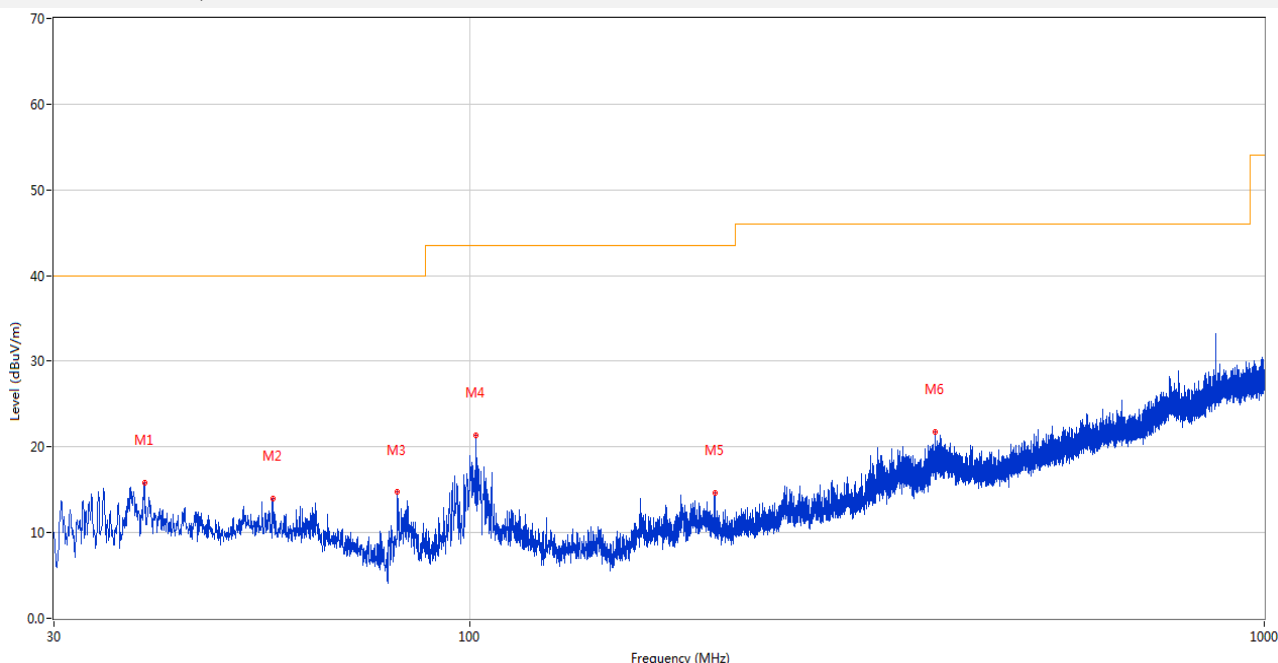
Note²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

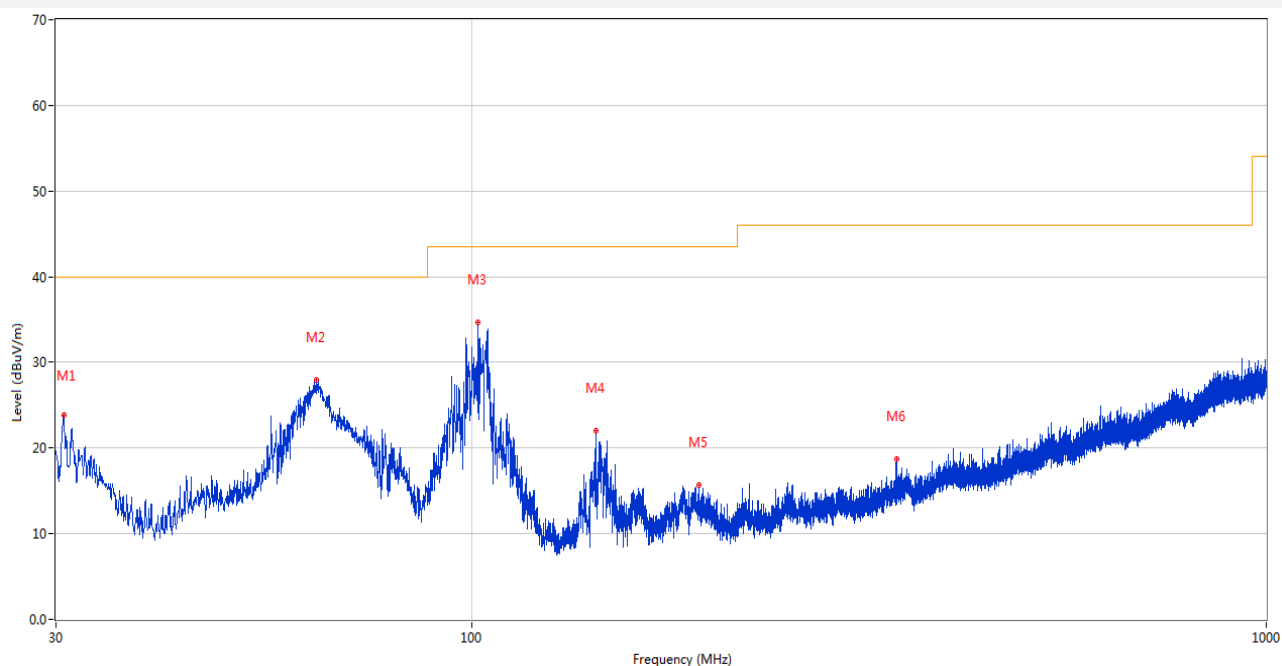
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.021	15.87	-26.05	40.0	24.13	Peak	188.10	100	Horizontal	Pass
2	56.529	13.95	-25.43	40.0	26.05	Peak	193.40	100	Horizontal	Pass
3	81.168	14.70	-31.48	40.0	25.30	Peak	188.10	100	Horizontal	Pass
4	101.877	21.30	-26.73	43.5	22.20	Peak	253.10	100	Horizontal	Pass
5	203.436	14.58	-26.13	43.5	28.92	Peak	0.00	100	Horizontal	Pass
6	385.214	21.70	-20.81	46.0	24.30	Peak	179.30	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.679	23.80	-29.55	40.0	16.20	Peak	270.10	100	Vertical	Pass
2	63.708	27.91	-26.95	40.0	12.09	Peak	203.60	100	Vertical	Pass
3	101.925	34.69	-26.75	43.5	8.81	Peak	263.00	100	Vertical	Pass
4	143.296	22.06	-29.53	43.5	21.44	Peak	205.90	100	Vertical	Pass
5	193.057	15.64	-26.10	43.5	27.86	Peak	21.60	100	Vertical	Pass
6	343.164	18.66	-21.50	46.0	27.34	Peak	1.60	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.157	37.90	74.0	36.10	Peak	3.00	400	Horizontal	Pass
1**	1512.157	31.31	54.0	22.69	AV	3.00	400	Horizontal	Pass
2	2971.231	43.23	74.0	30.77	Peak	290.00	300	Horizontal	Pass
2**	2971.231	35.22	54.0	18.78	AV	290.00	300	Horizontal	Pass
3	4197.942	48.50	74.0	25.50	Peak	298.00	200	Horizontal	Pass
3**	4197.942	40.10	54.0	13.90	AV	298.00	200	Horizontal	Pass
4	7318.299	45.71	74.0	28.29	Peak	42.00	100	Horizontal	Pass
4**	7318.299	37.56	54.0	16.44	AV	42.00	100	Horizontal	Pass
5	12450.746	49.05	74.0	24.95	Peak	43.00	100	Horizontal	Pass
5**	12450.746	39.73	54.0	14.27	AV	43.00	100	Horizontal	Pass
6	15786.922	51.31	74.0	22.69	Peak	157.00	200	Horizontal	Pass
6**	15786.922	41.88	54.0	12.12	AV	157.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.590	38.77	74.0	35.23	Peak	360.00	300	Vertical	Pass
1**	1495.590	30.18	54.0	23.82	AV	360.00	300	Vertical	Pass
2	2990.015	43.24	74.0	30.76	Peak	186.00	400	Vertical	Pass
2**	2990.015	35.17	54.0	18.83	AV	186.00	400	Vertical	Pass
3	4196.847	48.52	74.0	25.48	Peak	194.00	200	Vertical	Pass
3**	4196.847	39.59	54.0	14.41	AV	194.00	200	Vertical	Pass
4	7379.109	45.68	74.0	28.32	Peak	28.00	200	Vertical	Pass
4**	7379.109	36.10	54.0	17.90	AV	28.00	200	Vertical	Pass
5	12600.955	49.24	74.0	24.76	Peak	353.00	100	Vertical	Pass
5**	12600.955	39.67	54.0	14.33	AV	353.00	100	Vertical	Pass
6	15817.333	50.91	74.0	23.09	Peak	243.00	200	Vertical	Pass
6**	15817.333	41.81	54.0	12.19	AV	243.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.815	37.64	74.0	36.36	Peak	146.00	100	Horizontal	Pass
1**	1508.815	31.14	54.0	22.86	AV	146.00	100	Horizontal	Pass
2	2974.982	43.10	74.0	30.90	Peak	85.00	100	Horizontal	Pass
2**	2974.982	34.98	54.0	19.02	AV	85.00	100	Horizontal	Pass
3	4198.145	48.50	74.0	25.50	Peak	121.00	200	Horizontal	Pass
3**	4198.145	39.95	54.0	14.05	AV	121.00	200	Horizontal	Pass
4	7324.282	45.48	74.0	28.52	Peak	197.00	400	Horizontal	Pass
4**	7324.282	37.50	54.0	16.51	AV	197.00	400	Horizontal	Pass
5	12449.111	48.89	74.0	25.11	Peak	13.00	300	Horizontal	Pass
5**	12449.111	39.47	54.0	14.53	AV	13.00	300	Horizontal	Pass
6	15788.408	51.02	74.0	22.98	Peak	41.00	400	Horizontal	Pass
6**	15788.408	41.72	54.0	12.28	AV	41.00	400	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	1496.841	38.75	74.0	35.25	Peak	271.00	300	Vertical	Pass
1**	1496.841	30.03	54.0	23.97	AV	271.00	300	Vertical	Pass
2	2987.002	42.96	74.0	31.04	Peak	205.00	200	Vertical	Pass
2**	2987.002	34.87	54.0	19.13	AV	205.00	200	Vertical	Pass
3	4202.949	48.34	74.0	25.66	Peak	13.00	200	Vertical	Pass
3**	4202.949	39.49	54.0	14.51	AV	13.00	200	Vertical	Pass
4	7379.899	45.46	74.0	28.54	Peak	301.00	400	Vertical	Pass
4**	7379.899	35.88	54.0	18.12	AV	301.00	400	Vertical	Pass
5	12598.094	49.15	74.0	24.85	Peak	254.00	300	Vertical	Pass
5**	12598.094	39.53	54.0	14.47	AV	254.00	300	Vertical	Pass
6	15813.080	50.64	74.0	23.36	Peak	54.00	200	Vertical	Pass
6**	15813.080	41.74	54.0	12.26	AV	54.00	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	1512.898	37.61	74.0	36.39	Peak	284.00	300	Horizontal	Pass
1**	1512.898	30.96	54.0	23.04	AV	284.00	300	Horizontal	Pass
2	2972.745	42.81	74.0	31.19	Peak	299.00	100	Horizontal	Pass
2**	2972.745	34.96	54.0	19.04	AV	299.00	100	Horizontal	Pass
3	4200.858	48.43	74.0	25.57	Peak	360.00	200	Horizontal	Pass
3**	4200.858	39.83	54.0	14.17	AV	360.00	200	Horizontal	Pass
4	7317.259	45.46	74.0	28.54	Peak	110.00	200	Horizontal	Pass
4**	7317.259	37.46	54.0	16.54	AV	110.00	200	Horizontal	Pass
5	12447.030	48.85	74.0	25.15	Peak	316.00	200	Horizontal	Pass
5**	12447.030	39.42	54.0	14.58	AV	316.00	200	Horizontal	Pass
6	15791.324	50.89	74.0	23.12	Peak	182.00	400	Horizontal	Pass
6**	15791.324	41.54	54.0	12.46	AV	182.00	400	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	1497.129	38.50	74.0	35.50	Peak	152.00	300	Vertical	Pass
1**	1497.129	29.73	54.0	24.27	AV	152.00	300	Vertical	Pass
2	2988.275	42.93	74.0	31.07	Peak	14.00	200	Vertical	Pass
2**	2988.275	34.67	54.0	19.33	AV	14.00	200	Vertical	Pass
3	4202.661	48.33	74.0	25.67	Peak	286.00	200	Vertical	Pass
3**	4202.661	39.43	54.0	14.57	AV	286.00	200	Vertical	Pass
4	7378.236	45.39	74.0	28.62	Peak	124.00	400	Vertical	Pass
4**	7378.236	35.71	54.0	18.30	AV	124.00	400	Vertical	Pass
5	12597.201	48.89	74.0	25.11	Peak	359.00	400	Vertical	Pass
5**	12597.201	39.39	54.0	14.61	AV	359.00	400	Vertical	Pass
6	15812.139	50.51	74.0	23.49	Peak	72.00	100	Vertical	Pass
6**	15812.139	41.70	54.0	12.30	AV	72.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.060	37.74	74.0	36.26	Peak	60.00	100	Horizontal	Pass
1**	1515.060	31.22	54.0	22.78	AV	60.00	100	Horizontal	Pass
2	2969.966	43.18	74.0	30.82	Peak	350.00	300	Horizontal	Pass
2**	2969.966	35.20	54.0	18.80	AV	350.00	300	Horizontal	Pass
3	4202.451	48.30	74.0	25.70	Peak	26.00	200	Horizontal	Pass
3**	4202.451	39.92	54.0	14.08	AV	26.00	200	Horizontal	Pass
4	7318.527	45.44	74.0	28.57	Peak	221.00	400	Horizontal	Pass
4**	7318.527	37.47	54.0	16.53	AV	221.00	400	Horizontal	Pass
5	12448.282	48.81	74.0	25.19	Peak	57.00	400	Horizontal	Pass
5**	12448.282	39.50	54.0	14.50	AV	57.00	400	Horizontal	Pass
6	15787.288	51.14	74.0	22.86	Peak	304.00	300	Horizontal	Pass
6**	15787.288	41.64	54.0	12.36	AV	304.00	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	1496.719	38.32	74.0	35.68	Peak	206.00	100	Vertical	Pass
1**	1496.719	29.43	54.0	24.57	AV	206.00	100	Vertical	Pass
2	2990.352	42.92	74.0	31.08	Peak	325.00	300	Vertical	Pass
2**	2990.352	34.55	54.0	19.45	AV	325.00	300	Vertical	Pass
3	4198.732	48.06	74.0	25.94	Peak	20.00	200	Vertical	Pass
3**	4198.732	39.34	54.0	14.66	AV	20.00	200	Vertical	Pass
4	7380.024	45.12	74.0	28.88	Peak	263.00	300	Vertical	Pass
4**	7380.024	35.50	54.0	18.50	AV	263.00	300	Vertical	Pass
5	12595.250	48.74	74.0	25.26	Peak	176.00	200	Vertical	Pass
5**	12595.250	39.31	54.0	14.69	AV	176.00	200	Vertical	Pass
6	15814.345	50.45	74.0	23.55	Peak	332.00	200	Vertical	Pass
6**	15814.345	41.46	54.0	12.54	AV	332.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.672	37.58	74.0	36.42	Peak	112.00	400	Horizontal	Pass
1**	1511.672	30.92	54.0	23.08	AV	112.00	400	Horizontal	Pass
2	2974.330	42.95	74.0	31.05	Peak	1.00	200	Horizontal	Pass
2**	2974.330	34.86	54.0	19.14	AV	1.00	200	Horizontal	Pass
3	4203.222	48.29	74.0	25.71	Peak	313.00	200	Horizontal	Pass
3**	4203.222	39.70	54.0	14.30	AV	313.00	200	Horizontal	Pass
4	7321.794	45.43	74.0	28.58	Peak	14.00	200	Horizontal	Pass
4**	7321.794	37.25	54.0	16.75	AV	14.00	200	Horizontal	Pass
5	12450.226	48.77	74.0	25.23	Peak	266.00	400	Horizontal	Pass
5**	12450.226	39.31	54.0	14.69	AV	266.00	400	Horizontal	Pass
6	15788.947	50.98	74.0	23.02	Peak	186.00	200	Horizontal	Pass
6**	15788.947	41.65	54.0	12.35	AV	186.00	200	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	1491.094	38.17	74.0	35.83	Peak	348.00	100	Vertical	Pass
1**	1491.094	29.18	54.0	24.82	AV	348.00	100	Vertical	Pass
2	2987.095	42.66	74.0	31.35	Peak	173.00	200	Vertical	Pass
2**	2987.095	34.53	54.0	19.47	AV	173.00	200	Vertical	Pass
3	4200.906	47.89	74.0	26.11	Peak	83.00	200	Vertical	Pass
3**	4200.906	39.23	54.0	14.77	AV	83.00	200	Vertical	Pass
4	7374.615	44.86	74.0	29.14	Peak	59.00	300	Vertical	Pass
4**	7374.615	35.23	54.0	18.77	AV	59.00	300	Vertical	Pass
5	12597.386	48.70	74.0	25.30	Peak	40.00	100	Vertical	Pass
5**	12597.386	39.24	54.0	14.76	AV	40.00	100	Vertical	Pass
6	15814.476	50.31	74.0	23.69	Peak	70.00	200	Vertical	Pass
6**	15814.476	41.18	54.0	12.82	AV	70.00	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	1508.501	37.55	74.0	36.45	Peak	16.00	300	Horizontal	Pass
1**	1508.501	30.89	54.0	23.11	AV	16.00	300	Horizontal	Pass
2	2974.991	42.56	74.0	31.44	Peak	236.00	100	Horizontal	Pass
2**	2974.991	34.67	54.0	19.33	AV	236.00	100	Horizontal	Pass
3	4201.186	48.29	74.0	25.71	Peak	83.00	200	Horizontal	Pass
3**	4201.186	39.83	54.0	14.17	AV	83.00	200	Horizontal	Pass
4	7318.105	45.39	74.0	28.61	Peak	73.00	400	Horizontal	Pass
4**	7318.105	37.18	54.0	16.82	AV	73.00	400	Horizontal	Pass
5	12450.013	48.82	74.0	25.18	Peak	285.00	100	Horizontal	Pass
5**	12450.013	39.32	54.0	14.68	AV	285.00	100	Horizontal	Pass
6	15789.306	50.67	74.0	23.33	Peak	250.00	300	Horizontal	Pass
6**	15789.306	41.25	54.0	12.75	AV	250.00	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	1497.394	37.97	74.0	36.03	Peak	139.00	400	Vertical	Pass
1**	1497.394	28.91	54.0	25.09	AV	139.00	400	Vertical	Pass
2	2990.613	42.43	74.0	31.57	Peak	58.00	300	Vertical	Pass
2**	2990.613	34.35	54.0	19.65	AV	58.00	300	Vertical	Pass
3	4201.394	47.64	74.0	26.36	Peak	297.00	200	Vertical	Pass
3**	4201.394	39.10	54.0	14.90	AV	297.00	200	Vertical	Pass
4	7376.829	44.83	74.0	29.17	Peak	23.00	100	Vertical	Pass
4**	7376.829	35.14	54.0	18.86	AV	23.00	100	Vertical	Pass
5	12597.602	48.62	74.0	25.38	Peak	283.00	200	Vertical	Pass
5**	12597.602	39.17	54.0	14.83	AV	283.00	200	Vertical	Pass
6	15819.859	50.02	74.0	23.98	Peak	19.00	200	Vertical	Pass
6**	15819.859	40.96	54.0	13.04	AV	19.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.015	37.72	74.0	36.28	Peak	175.00	300	Horizontal	Pass
1**	1509.015	31.05	54.0	22.95	AV	175.00	300	Horizontal	Pass
2	2975.981	42.97	74.0	31.03	Peak	284.00	100	Horizontal	Pass
2**	2975.981	35.03	54.0	18.97	AV	284.00	100	Horizontal	Pass
3	4202.865	48.20	74.0	25.80	Peak	167.00	200	Horizontal	Pass
3**	4202.865	40.01	54.0	14.00	AV	167.00	200	Horizontal	Pass
4	7321.163	45.63	74.0	28.37	Peak	338.00	200	Horizontal	Pass
4**	7321.163	37.46	54.0	16.54	AV	338.00	200	Horizontal	Pass
5	12451.325	48.96	74.0	25.04	Peak	110.00	400	Horizontal	Pass
5**	12451.325	39.51	54.0	14.50	AV	110.00	400	Horizontal	Pass
6	15793.889	51.17	74.0	22.83	Peak	13.00	400	Horizontal	Pass
6**	15793.889	41.74	54.0	12.26	AV	13.00	400	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	1491.744	37.71	74.0	36.29	Peak	353.00	100	Vertical	Pass
1**	1491.744	28.72	54.0	25.28	AV	353.00	100	Vertical	Pass
2	2994.050	42.37	74.0	31.63	Peak	289.00	100	Vertical	Pass
2**	2994.050	34.13	54.0	19.87	AV	289.00	100	Vertical	Pass
3	4201.046	47.64	74.0	26.36	Peak	167.00	200	Vertical	Pass
3**	4201.046	39.00	54.0	15.00	AV	167.00	200	Vertical	Pass
4	7377.102	44.70	74.0	29.30	Peak	77.00	300	Vertical	Pass
4**	7377.102	34.86	54.0	19.14	AV	77.00	300	Vertical	Pass
5	12598.726	48.39	74.0	25.61	Peak	331.00	200	Vertical	Pass
5**	12598.726	39.05	54.0	14.96	AV	331.00	200	Vertical	Pass
6	15815.458	49.79	74.0	24.21	Peak	317.00	400	Vertical	Pass
6**	15815.458	40.71	54.0	13.29	AV	317.00	400	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	1511.972	37.62	74.0	36.38	Peak	13.00	200	Horizontal	Pass
1**	1511.972	30.88	54.0	23.12	AV	13.00	200	Horizontal	Pass
2	2973.110	42.80	74.0	31.20	Peak	213.00	200	Horizontal	Pass
2**	2973.110	34.79	54.0	19.21	AV	213.00	200	Horizontal	Pass
3	4201.176	48.44	74.0	25.56	Peak	255.00	200	Horizontal	Pass
3**	4201.176	39.89	54.0	14.12	AV	255.00	200	Horizontal	Pass
4	7317.385	45.24	74.0	28.76	Peak	86.00	100	Horizontal	Pass
4**	7317.385	37.38	54.0	16.62	AV	86.00	100	Horizontal	Pass
5	12452.840	48.69	74.0	25.32	Peak	204.00	300	Horizontal	Pass
5**	12452.840	39.44	54.0	14.56	AV	204.00	300	Horizontal	Pass
6	15789.076	50.98	74.0	23.03	Peak	149.00	400	Horizontal	Pass
6**	15789.076	41.49	54.0	12.51	AV	149.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.656	37.53	74.0	36.47	Peak	107.00	100	Vertical	Pass
1**	1492.656	28.60	54.0	25.40	AV	107.00	100	Vertical	Pass
2	2990.960	42.35	74.0	31.65	Peak	56.00	400	Vertical	Pass
2**	2990.960	34.08	54.0	19.92	AV	56.00	400	Vertical	Pass
3	4196.815	47.48	74.0	26.52	Peak	189.00	200	Vertical	Pass
3**	4196.815	38.80	54.0	15.20	AV	189.00	200	Vertical	Pass
4	7376.778	44.65	74.0	29.35	Peak	142.00	400	Vertical	Pass
4**	7376.778	34.58	54.0	19.42	AV	142.00	400	Vertical	Pass
5	12593.880	48.37	74.0	25.63	Peak	339.00	300	Vertical	Pass
5**	12593.880	38.96	54.0	15.04	AV	339.00	300	Vertical	Pass
6	15814.044	49.55	74.0	24.45	Peak	319.00	300	Vertical	Pass
6**	15814.044	40.69	54.0	13.31	AV	319.00	300	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	1511.229	37.87	74.0	36.13	Peak	273.00	200	Horizontal	Pass
1**	1511.229	31.20	54.0	22.80	AV	273.00	200	Horizontal	Pass
2	2974.615	43.16	74.0	30.84	Peak	220.00	400	Horizontal	Pass
2**	2974.615	35.03	54.0	18.97	AV	220.00	400	Horizontal	Pass
3	4197.356	48.37	74.0	25.63	Peak	342.00	200	Horizontal	Pass
3**	4197.356	39.95	54.0	14.05	AV	342.00	200	Horizontal	Pass
4	7321.345	45.59	74.0	28.41	Peak	297.00	400	Horizontal	Pass
4**	7321.345	37.37	54.0	16.63	AV	297.00	400	Horizontal	Pass
5	12448.354	48.89	74.0	25.11	Peak	277.00	100	Horizontal	Pass
5**	12448.354	39.53	54.0	14.47	AV	277.00	100	Horizontal	Pass
6	15788.205	51.25	74.0	22.75	Peak	227.00	100	Horizontal	Pass
6**	15788.205	41.85	54.0	12.16	AV	227.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.456	37.39	74.0	36.61	Peak	66.00	300	Vertical	Pass
1**	1496.456	28.48	54.0	25.53	AV	66.00	300	Vertical	Pass
2	2992.724	42.25	74.0	31.75	Peak	62.00	200	Vertical	Pass
2**	2992.724	33.93	54.0	20.07	AV	62.00	200	Vertical	Pass
3	4203.165	47.47	74.0	26.53	Peak	30.00	200	Vertical	Pass
3**	4203.165	38.50	54.0	15.50	AV	30.00	200	Vertical	Pass
4	7377.921	44.57	74.0	29.43	Peak	183.00	300	Vertical	Pass
4**	7377.921	34.46	54.0	19.54	AV	183.00	300	Vertical	Pass
5	12596.624	48.15	74.0	25.85	Peak	186.00	300	Vertical	Pass
5**	12596.624	38.91	54.0	15.09	AV	186.00	300	Vertical	Pass
6	15816.511	49.50	74.0	24.50	Peak	167.00	300	Vertical	Pass
6**	15816.511	40.48	54.0	13.52	AV	167.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.626	37.51	74.0	36.49	Peak	66.00	200	Horizontal	Pass
1**	1508.626	30.90	54.0	23.10	AV	66.00	200	Horizontal	Pass
2	2971.195	43.09	74.0	30.91	Peak	261.00	200	Horizontal	Pass
2**	2971.195	34.84	54.0	19.16	AV	261.00	200	Horizontal	Pass
3	4204.106	48.46	74.0	25.54	Peak	290.00	200	Horizontal	Pass
3**	4204.106	39.88	54.0	14.12	AV	290.00	200	Horizontal	Pass
4	7317.609	45.30	74.0	28.70	Peak	313.00	100	Horizontal	Pass
4**	7317.609	37.35	54.0	16.66	AV	313.00	100	Horizontal	Pass
5	12451.212	48.73	74.0	25.28	Peak	77.00	300	Horizontal	Pass
5**	12451.212	39.33	54.0	14.67	AV	77.00	300	Horizontal	Pass
6	15792.105	50.82	74.0	23.18	Peak	53.00	400	Horizontal	Pass
6**	15792.105	41.48	54.0	12.52	AV	53.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.977	37.12	74.0	36.88	Peak	349.00	300	Vertical	Pass
1**	1495.977	28.32	54.0	25.68	AV	349.00	300	Vertical	Pass
2	2993.331	42.20	74.0	31.80	Peak	95.00	400	Vertical	Pass
2**	2993.331	33.78	54.0	20.22	AV	95.00	400	Vertical	Pass
3	4202.568	47.20	74.0	26.80	Peak	42.00	200	Vertical	Pass
3**	4202.568	38.22	54.0	15.78	AV	42.00	200	Vertical	Pass
4	7380.337	44.42	74.0	29.58	Peak	47.00	200	Vertical	Pass
4**	7380.337	34.36	54.0	19.64	AV	47.00	200	Vertical	Pass
5	12596.886	48.03	74.0	25.98	Peak	318.00	400	Vertical	Pass
5**	12596.886	38.66	54.0	15.35	AV	318.00	400	Vertical	Pass
6	15812.283	49.28	74.0	24.73	Peak	291.00	400	Vertical	Pass
6**	15812.283	40.30	54.0	13.70	AV	291.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.984	37.51	74.0	36.49	Peak	294.00	400	Horizontal	Pass
1**	1512.984	30.93	54.0	23.07	AV	294.00	400	Horizontal	Pass
2	2975.054	42.78	74.0	31.23	Peak	61.00	400	Horizontal	Pass
2**	2975.054	34.83	54.0	19.17	AV	61.00	400	Horizontal	Pass
3	4198.075	48.20	74.0	25.80	Peak	69.00	200	Horizontal	Pass
3**	4198.075	39.60	54.0	14.41	AV	69.00	200	Horizontal	Pass
4	7322.311	45.18	74.0	28.82	Peak	38.00	200	Horizontal	Pass
4**	7322.311	37.37	54.0	16.63	AV	38.00	200	Horizontal	Pass
5	12449.561	48.78	74.0	25.22	Peak	145.00	100	Horizontal	Pass
5**	12449.561	39.14	54.0	14.86	AV	145.00	100	Horizontal	Pass
6	15788.375	50.80	74.0	23.21	Peak	49.00	200	Horizontal	Pass
6**	15788.375	41.51	54.0	12.49	AV	49.00	200	Horizontal	Pass

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

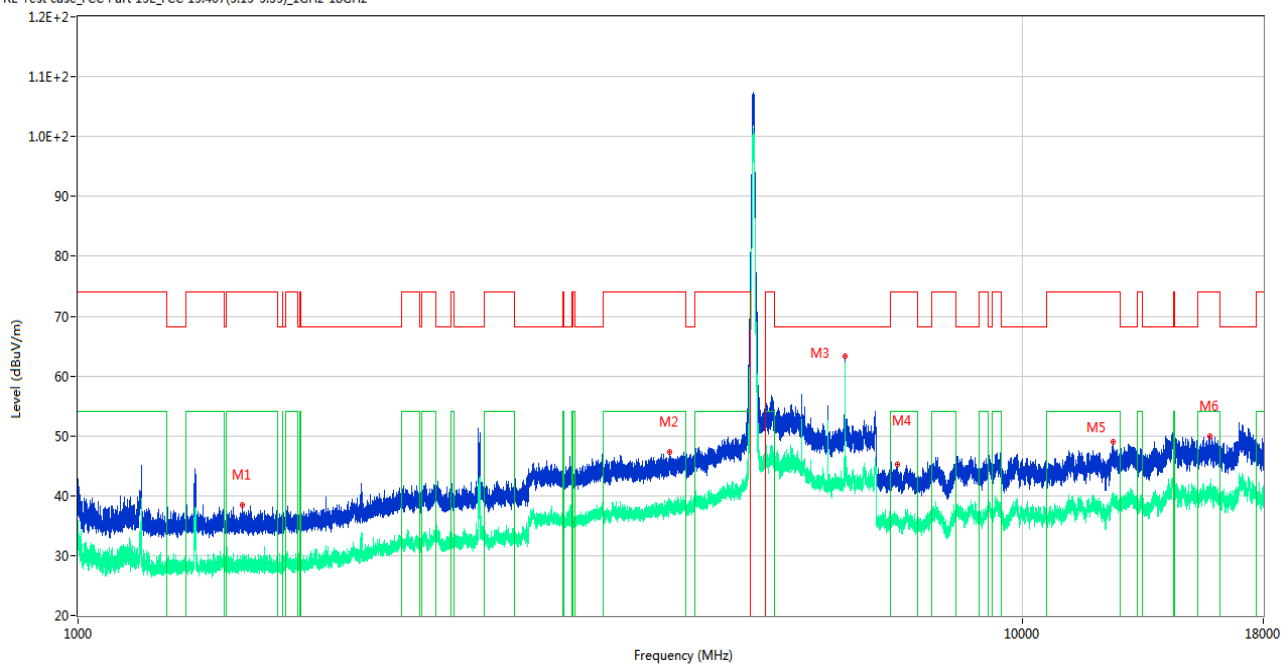
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.737	37.12	74.0	36.88	Peak	303.00	300	Vertical	Pass
1**	1495.737	28.19	54.0	25.81	AV	303.00	300	Vertical	Pass
2	2992.066	41.99	74.0	32.01	Peak	48.00	200	Vertical	Pass
2**	2992.066	33.56	54.0	20.45	AV	48.00	200	Vertical	Pass
3	4197.021	47.06	74.0	26.94	Peak	156.00	200	Vertical	Pass
3**	4197.021	37.94	54.0	16.07	AV	156.00	200	Vertical	Pass
4	7378.443	44.36	74.0	29.65	Peak	207.00	200	Vertical	Pass
4**	7378.443	34.29	54.0	19.71	AV	207.00	200	Vertical	Pass
5	12597.463	47.77	74.0	26.23	Peak	231.00	200	Vertical	Pass
5**	12597.463	38.62	54.0	15.38	AV	231.00	200	Vertical	Pass
6	15813.045	49.10	74.0	24.90	Peak	178.00	300	Vertical	Pass
6**	15813.045	40.07	54.0	13.93	AV	178.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.800	37.65	74.0	36.35	Peak	174.00	100	Horizontal	Pass
1**	1511.800	31.04	54.0	22.96	AV	174.00	100	Horizontal	Pass
2	4258.000	47.45	74.0	26.55	Peak	7.00	200	Horizontal	Pass
2**	4258.000	38.09	54.0	15.91	AV	7.00	200	Horizontal	Pass
3	6487.400	54.41	68.2	13.79	Peak	274.00	150	Horizontal	Pass
3**	6487.400	51.10	--	--	AV	274.00	150	Horizontal	N/A
4	7332.063	45.14	74.0	28.86	Peak	107.00	400	Horizontal	Pass
4**	7332.063	35.13	54.0	18.87	AV	107.00	400	Horizontal	Pass
5	12478.888	48.36	74.0	25.64	Peak	360.00	200	Horizontal	Pass
5**	12478.888	39.47	54.0	14.53	AV	360.00	200	Horizontal	Pass
6	15559.537	50.45	74.0	23.55	Peak	126.00	400	Horizontal	Pass
6**	15559.537	40.70	54.0	13.30	AV	126.00	400	Horizontal	Pass

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

RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	38.55	74.0	35.45	Peak	195.00	300	Vertical	Pass
1**	1494.400	30.09	54.0	23.91	AV	195.00	300	Vertical	Pass
2	4228.600	47.36	74.0	26.64	Peak	206.00	300	Vertical	Pass
2**	4228.600	38.23	54.0	15.77	AV	206.00	300	Vertical	Pass
3	6487.400	63.24	68.2	4.96	Peak	239.00	150	Vertical	Pass
3**	6487.400	61.03	--	--	AV	239.00	150	Vertical	N/A
4	7381.225	45.19	74.0	28.81	Peak	360.00	150	Vertical	Pass
4**	7381.225	36.74	54.0	17.26	AV	360.00	150	Vertical	Pass
5	12482.338	48.92	74.0	25.08	Peak	143.00	200	Vertical	Pass
5**	12482.338	38.99	54.0	15.01	AV	143.00	200	Vertical	Pass
6	15796.312	49.47	74.0	24.53	Peak	335.00	200	Vertical	Pass
6**	15796.312	40.22	54.0	13.78	AV	335.00	200	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	1513.747	37.76	74.0	36.24	Peak	288.00	400	Horizontal	Pass
1**	1513.747	31.22	54.0	22.78	AV	288.00	400	Horizontal	Pass
2	2971.221	43.04	74.0	30.96	Peak	253.00	300	Horizontal	Pass
2**	2971.221	34.98	54.0	19.02	AV	253.00	300	Horizontal	Pass
3	4199.012	48.31	74.0	25.69	Peak	238.00	200	Horizontal	Pass
3**	4199.012	39.94	54.0	14.06	AV	238.00	200	Horizontal	Pass
4	7318.984	45.58	74.0	28.43	Peak	166.00	300	Horizontal	Pass
4**	7318.984	37.46	54.0	16.54	AV	166.00	300	Horizontal	Pass
5	12451.468	48.87	74.0	25.13	Peak	229.00	300	Horizontal	Pass
5**	12451.468	39.54	54.0	14.46	AV	229.00	300	Horizontal	Pass
6	15794.642	51.22	74.0	22.78	Peak	72.00	100	Horizontal	Pass
6**	15794.642	41.65	54.0	12.35	AV	72.00	100	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	1496.137	38.60	74.0	35.40	Peak	0.00	200	Vertical	Pass
1**	1496.137	30.04	54.0	23.96	AV	0.00	200	Vertical	Pass
2	2990.402	43.16	74.0	30.84	Peak	283.00	200	Vertical	Pass
2**	2990.402	34.87	54.0	19.13	AV	283.00	200	Vertical	Pass
3	4203.595	48.32	74.0	25.68	Peak	13.00	200	Vertical	Pass
3**	4203.595	39.51	54.0	14.50	AV	13.00	200	Vertical	Pass
4	7379.626	45.48	74.0	28.53	Peak	101.00	400	Vertical	Pass
4**	7379.626	35.93	54.0	18.07	AV	101.00	400	Vertical	Pass
5	12596.809	49.08	74.0	24.92	Peak	108.00	200	Vertical	Pass
5**	12596.809	39.61	54.0	14.39	AV	108.00	200	Vertical	Pass
6	15814.235	50.74	74.0	23.26	Peak	190.00	200	Vertical	Pass
6**	15814.235	41.80	54.0	12.21	AV	190.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.129	37.17	74.0	36.84	Peak	197.00	200	Horizontal	Pass
1**	1510.129	30.62	54.0	23.38	AV	197.00	200	Horizontal	Pass
2	2974.653	42.63	74.0	31.37	Peak	201.00	100	Horizontal	Pass
2**	2974.653	34.63	54.0	19.37	AV	201.00	100	Horizontal	Pass
3	4202.472	47.99	74.0	26.01	Peak	332.00	200	Horizontal	Pass
3**	4202.472	39.88	54.0	14.12	AV	332.00	200	Horizontal	Pass
4	7317.437	45.49	74.0	28.51	Peak	237.00	400	Horizontal	Pass
4**	7317.437	37.24	54.0	16.76	AV	237.00	400	Horizontal	Pass
5	12445.581	48.99	74.0	25.01	Peak	242.00	400	Horizontal	Pass
5**	12445.581	39.33	54.0	14.67	AV	242.00	400	Horizontal	Pass
6	15788.137	50.94	74.0	23.06	Peak	178.00	200	Horizontal	Pass
6**	15788.137	41.36	54.0	12.64	AV	178.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.718	38.50	74.0	35.50	Peak	5.00	400	Vertical	Pass
1**	1495.718	29.58	54.0	24.42	AV	5.00	400	Vertical	Pass
2	2988.415	42.11	74.0	31.89	Peak	286.00	400	Vertical	Pass
2**	2988.415	34.37	54.0	19.63	AV	286.00	400	Vertical	Pass
3	4201.115	48.00	74.0	26.00	Peak	90.00	200	Vertical	Pass
3**	4201.115	39.16	54.0	14.84	AV	90.00	200	Vertical	Pass
4	7378.313	45.38	74.0	28.62	Peak	11.00	400	Vertical	Pass
4**	7378.313	35.45	54.0	18.55	AV	11.00	400	Vertical	Pass
5	12596.103	48.42	74.0	25.58	Peak	230.00	100	Vertical	Pass
5**	12596.103	38.85	54.0	15.15	AV	230.00	100	Vertical	Pass
6	15816.272	50.21	74.0	23.79	Peak	76.00	300	Vertical	Pass
6**	15816.272	41.30	54.0	12.70	AV	76.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.273	37.52	74.0	36.48	Peak	59.00	400	Horizontal	Pass
1**	1508.273	30.90	54.0	23.10	AV	59.00	400	Horizontal	Pass
2	2971.195	42.99	74.0	31.01	Peak	95.00	400	Horizontal	Pass
2**	2971.195	34.92	54.0	19.08	AV	95.00	400	Horizontal	Pass
3	4200.825	48.13	74.0	25.87	Peak	130.00	200	Horizontal	Pass
3**	4200.825	39.90	54.0	14.10	AV	130.00	200	Horizontal	Pass
4	7322.379	45.87	74.0	28.13	Peak	223.00	300	Horizontal	Pass
4**	7322.379	37.25	54.0	16.75	AV	223.00	300	Horizontal	Pass
5	12446.044	49.01	74.0	25.00	Peak	352.00	100	Horizontal	Pass
5**	12446.044	39.46	54.0	14.54	AV	352.00	100	Horizontal	Pass
6	15793.900	51.34	74.0	22.66	Peak	353.00	100	Horizontal	Pass
6**	15793.900	41.69	54.0	12.31	AV	353.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.313	38.61	74.0	35.39	Peak	193.00	200	Vertical	Pass
1**	1495.313	30.07	54.0	23.93	AV	193.00	200	Vertical	Pass
2	2987.610	43.11	74.0	30.89	Peak	237.00	300	Vertical	Pass
2**	2987.610	34.98	54.0	19.02	AV	237.00	300	Vertical	Pass
3	4200.551	48.60	74.0	25.40	Peak	70.00	200	Vertical	Pass
3**	4200.551	39.66	54.0	14.35	AV	70.00	200	Vertical	Pass
4	7376.859	45.54	74.0	28.46	Peak	158.00	200	Vertical	Pass
4**	7376.859	35.69	54.0	18.31	AV	158.00	200	Vertical	Pass
5	12600.191	49.18	74.0	24.82	Peak	39.00	300	Vertical	Pass
5**	12600.191	39.55	54.0	14.45	AV	39.00	300	Vertical	Pass
6	15813.133	50.87	74.0	23.13	Peak	180.00	100	Vertical	Pass
6**	15813.133	41.73	54.0	12.27	AV	180.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.367	37.35	74.0	36.65	Peak	60.00	300	Horizontal	Pass
1**	1511.367	30.70	54.0	23.30	AV	60.00	300	Horizontal	Pass
2	2971.613	42.51	74.0	31.49	Peak	221.00	100	Horizontal	Pass
2**	2971.613	34.69	54.0	19.31	AV	221.00	100	Horizontal	Pass
3	4202.754	48.01	74.0	25.99	Peak	273.00	200	Horizontal	Pass
3**	4202.754	39.76	54.0	14.24	AV	273.00	200	Horizontal	Pass
4	7321.283	45.41	74.0	28.59	Peak	36.00	400	Horizontal	Pass
4**	7321.283	37.34	54.0	16.66	AV	36.00	400	Horizontal	Pass
5	12449.732	48.89	74.0	25.11	Peak	30.00	300	Horizontal	Pass
5**	12449.732	39.37	54.0	14.63	AV	30.00	300	Horizontal	Pass
6	15793.874	51.05	74.0	22.95	Peak	307.00	100	Horizontal	Pass
6**	15793.874	41.35	54.0	12.65	AV	307.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.733	38.61	74.0	35.39	Peak	86.00	400	Vertical	Pass
1**	1495.733	29.97	54.0	24.03	AV	86.00	400	Vertical	Pass
2	2993.496	42.91	74.0	31.10	Peak	89.00	400	Vertical	Pass
2**	2993.496	34.78	54.0	19.23	AV	89.00	400	Vertical	Pass
3	4197.432	48.34	74.0	25.66	Peak	10.00	200	Vertical	Pass
3**	4197.432	39.45	54.0	14.56	AV	10.00	200	Vertical	Pass
4	7379.328	45.66	74.0	28.34	Peak	187.00	200	Vertical	Pass
4**	7379.328	35.91	54.0	18.09	AV	187.00	200	Vertical	Pass
5	12596.243	48.76	74.0	25.24	Peak	46.00	400	Vertical	Pass
5**	12596.243	39.21	54.0	14.79	AV	46.00	400	Vertical	Pass
6	15813.497	50.63	74.0	23.37	Peak	76.00	300	Vertical	Pass
6**	15813.497	41.69	54.0	12.31	AV	76.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.556	37.06	74.0	36.94	Peak	254.00	200	Horizontal	Pass
1**	1514.556	30.69	54.0	23.31	AV	254.00	200	Horizontal	Pass
2	2973.974	42.35	74.0	31.66	Peak	339.00	400	Horizontal	Pass
2**	2973.974	34.58	54.0	19.42	AV	339.00	400	Horizontal	Pass
3	4203.118	47.89	74.0	26.11	Peak	42.00	200	Horizontal	Pass
3**	4203.118	39.60	54.0	14.40	AV	42.00	200	Horizontal	Pass
4	7323.416	45.25	74.0	28.75	Peak	103.00	400	Horizontal	Pass
4**	7323.416	36.96	54.0	17.04	AV	103.00	400	Horizontal	Pass
5	12451.142	48.71	74.0	25.29	Peak	80.00	300	Horizontal	Pass
5**	12451.142	39.15	54.0	14.85	AV	80.00	300	Horizontal	Pass
6	15789.617	50.89	74.0	23.11	Peak	339.00	400	Horizontal	Pass
6**	15789.617	41.37	54.0	12.63	AV	339.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.826	38.49	74.0	35.51	Peak	298.00	300	Vertical	Pass
1**	1495.826	29.78	54.0	24.22	AV	298.00	300	Vertical	Pass
2	2987.234	42.38	74.0	31.62	Peak	28.00	100	Vertical	Pass
2**	2987.234	34.59	54.0	19.42	AV	28.00	100	Vertical	Pass
3	4201.568	48.19	74.0	25.81	Peak	164.00	200	Vertical	Pass
3**	4201.568	39.41	54.0	14.60	AV	164.00	200	Vertical	Pass
4	7374.610	45.28	74.0	28.73	Peak	112.00	100	Vertical	Pass
4**	7374.610	35.72	54.0	18.28	AV	112.00	100	Vertical	Pass
5	12596.072	48.70	74.0	25.30	Peak	336.00	300	Vertical	Pass
5**	12596.072	39.07	54.0	14.93	AV	336.00	300	Vertical	Pass
6	15814.035	50.35	74.0	23.65	Peak	69.00	300	Vertical	Pass
6**	15814.035	41.23	54.0	12.77	AV	69.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.825	37.46	74.0	36.54	Peak	147.00	200	Horizontal	Pass
1**	1514.825	30.89	54.0	23.11	AV	147.00	200	Horizontal	Pass
2	2975.155	42.89	74.0	31.11	Peak	139.00	400	Horizontal	Pass
2**	2975.155	35.00	54.0	19.00	AV	139.00	400	Horizontal	Pass
3	4204.957	47.97	74.0	26.03	Peak	305.00	200	Horizontal	Pass
3**	4204.957	39.73	54.0	14.27	AV	305.00	200	Horizontal	Pass
4	7317.152	45.77	74.0	28.24	Peak	64.00	200	Horizontal	Pass
4**	7317.152	37.35	54.0	16.65	AV	64.00	200	Horizontal	Pass
5	12446.513	49.04	74.0	24.96	Peak	104.00	100	Horizontal	Pass
5**	12446.513	39.67	54.0	14.33	AV	104.00	100	Horizontal	Pass
6	15792.720	51.28	74.0	22.72	Peak	101.00	300	Horizontal	Pass
6**	15792.720	41.55	54.0	12.45	AV	101.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.513	38.60	74.0	35.40	Peak	235.00	300	Vertical	Pass
1**	1495.513	30.24	54.0	23.76	AV	235.00	300	Vertical	Pass
2	2991.667	43.04	74.0	30.96	Peak	132.00	200	Vertical	Pass
2**	2991.667	35.11	54.0	18.89	AV	132.00	200	Vertical	Pass
3	4198.238	48.35	74.0	25.65	Peak	9.00	200	Vertical	Pass
3**	4198.238	39.54	54.0	14.46	AV	9.00	200	Vertical	Pass
4	7376.349	45.63	74.0	28.37	Peak	329.00	400	Vertical	Pass
4**	7376.349	35.88	54.0	18.12	AV	329.00	400	Vertical	Pass
5	12599.349	48.99	74.0	25.01	Peak	56.00	200	Vertical	Pass
5**	12599.349	39.37	54.0	14.64	AV	56.00	200	Vertical	Pass
6	15814.028	50.60	74.0	23.40	Peak	216.00	300	Vertical	Pass
6**	15814.028	41.73	54.0	12.27	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.117	37.82	74.0	36.18	Peak	108.00	300	Horizontal	Pass
1**	1500.117	31.12	54.0	22.88	AV	108.00	300	Horizontal	Pass
2	2853.498	42.69	74.0	31.31	Peak	229.00	300	Horizontal	Pass
2**	2853.498	34.20	54.0	19.80	AV	229.00	300	Horizontal	Pass
3	4367.625	49.15	74.0	24.85	Peak	78.00	200	Horizontal	Pass
3**	4367.625	40.00	54.0	14.00	AV	78.00	200	Horizontal	Pass
4	7508.343	46.31	74.0	27.69	Peak	124.00	100	Horizontal	Pass
4**	7508.343	37.18	54.0	16.82	AV	124.00	100	Horizontal	Pass
5	12474.349	48.95	74.0	25.05	Peak	95.00	200	Horizontal	Pass
5**	12474.349	39.01	54.0	14.99	AV	95.00	200	Horizontal	Pass
6	15615.027	51.05	74.0	22.95	Peak	77.00	100	Horizontal	Pass
6**	15615.027	41.67	54.0	12.33	AV	77.00	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	1465.997	38.76	74.0	35.25	Peak	49.00	200	Vertical	Pass
1**	1465.997	30.19	54.0	23.81	AV	49.00	200	Vertical	Pass
2	4023.368	47.12	74.0	26.88	Peak	211.00	100	Vertical	Pass
2**	4023.368	38.24	54.0	15.76	AV	211.00	100	Vertical	Pass
3	4548.066	49.09	74.0	24.91	Peak	171.00	200	Vertical	Pass
3**	4548.066	40.11	54.0	13.89	AV	171.00	200	Vertical	Pass
4	7603.567	45.49	74.0	28.51	Peak	274.00	200	Vertical	Pass
4**	7603.567	35.30	54.0	18.70	AV	274.00	200	Vertical	Pass
5	12451.237	48.86	74.0	25.14	Peak	88.00	100	Vertical	Pass
5**	12451.237	39.68	54.0	14.32	AV	88.00	100	Vertical	Pass
6	15796.520	51.10	74.0	22.91	Peak	250.00	200	Vertical	Pass
6**	15796.520	41.18	54.0	12.83	AV	250.00	200	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	1500.059	37.69	74.0	36.31	Peak	226.00	300	Horizontal	Pass
1**	1500.059	30.90	54.0	23.11	AV	226.00	300	Horizontal	Pass
2	2854.824	42.67	74.0	31.33	Peak	333.00	200	Horizontal	Pass
2**	2854.824	33.99	54.0	20.01	AV	333.00	200	Horizontal	Pass
3	4368.397	48.97	74.0	25.03	Peak	243.00	200	Horizontal	Pass
3**	4368.397	39.77	54.0	14.23	AV	243.00	200	Horizontal	Pass
4	7508.565	46.16	74.0	27.84	Peak	348.00	300	Horizontal	Pass
4**	7508.565	37.01	54.0	16.99	AV	348.00	300	Horizontal	Pass
5	12471.493	48.80	74.0	25.20	Peak	311.00	100	Horizontal	Pass
5**	12471.493	38.93	54.0	15.07	AV	311.00	100	Horizontal	Pass
6	15620.133	50.82	74.0	23.18	Peak	0.00	100	Horizontal	Pass
6**	15620.133	41.50	54.0	12.50	AV	0.00	100	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	1459.699	38.66	74.0	35.34	Peak	327.00	300	Vertical	Pass
1**	1459.699	29.95	54.0	24.05	AV	327.00	300	Vertical	Pass
2	4024.582	47.11	74.0	26.89	Peak	245.00	200	Vertical	Pass
2**	4024.582	38.13	54.0	15.87	AV	245.00	200	Vertical	Pass
3	4547.229	48.82	74.0	25.18	Peak	218.00	200	Vertical	Pass
3**	4547.229	40.10	54.0	13.90	AV	218.00	200	Vertical	Pass
4	7603.213	45.37	74.0	28.63	Peak	114.00	200	Vertical	Pass
4**	7603.213	35.02	54.0	18.98	AV	114.00	200	Vertical	Pass
5	12452.898	48.60	74.0	25.40	Peak	335.00	400	Vertical	Pass
5**	12452.898	39.50	54.0	14.50	AV	335.00	400	Vertical	Pass
6	15796.436	50.84	74.0	23.16	Peak	182.00	300	Vertical	Pass
6**	15796.436	41.02	54.0	12.98	AV	182.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.871	37.58	74.0	36.42	Peak	116.00	300	Horizontal	Pass
1**	1500.871	30.68	54.0	23.32	AV	116.00	300	Horizontal	Pass
2	2850.095	42.54	74.0	31.46	Peak	8.00	300	Horizontal	Pass
2**	2850.095	33.86	54.0	20.14	AV	8.00	300	Horizontal	Pass
3	4369.469	48.84	74.0	25.16	Peak	265.00	200	Horizontal	Pass
3**	4369.469	39.51	54.0	14.49	AV	265.00	200	Horizontal	Pass
4	7511.303	46.15	74.0	27.85	Peak	345.00	300	Horizontal	Pass
4**	7511.303	36.89	54.0	17.12	AV	345.00	300	Horizontal	Pass
5	12474.538	48.71	74.0	25.29	Peak	105.00	100	Horizontal	Pass
5**	12474.538	38.85	54.0	15.15	AV	105.00	100	Horizontal	Pass
6	15620.688	50.66	74.0	23.34	Peak	160.00	300	Horizontal	Pass
6**	15620.688	41.48	54.0	12.52	AV	160.00	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	1466.683	38.60	74.0	35.41	Peak	219.00	400	Vertical	Pass
1**	1466.683	29.95	54.0	24.05	AV	219.00	400	Vertical	Pass
2	4029.220	46.90	74.0	27.10	Peak	156.00	200	Vertical	Pass
2**	4029.220	38.03	54.0	15.97	AV	156.00	200	Vertical	Pass
3	4546.704	48.69	74.0	25.31	Peak	84.00	200	Vertical	Pass
3**	4546.704	39.86	54.0	14.14	AV	84.00	200	Vertical	Pass
4	7597.164	45.30	74.0	28.70	Peak	59.00	300	Vertical	Pass
4**	7597.164	34.99	54.0	19.01	AV	59.00	300	Vertical	Pass
5	12454.422	48.53	74.0	25.47	Peak	187.00	300	Vertical	Pass
5**	12454.422	39.36	54.0	14.64	AV	187.00	300	Vertical	Pass
6	15803.959	50.68	74.0	23.33	Peak	23.00	300	Vertical	Pass
6**	15803.959	41.01	54.0	12.99	AV	23.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.855	37.36	74.0	36.64	Peak	25.00	100	Horizontal	Pass
1**	1500.855	30.47	54.0	23.54	AV	25.00	100	Horizontal	Pass
2	2849.609	42.52	74.0	31.49	Peak	205.00	400	Horizontal	Pass
2**	2849.609	33.83	54.0	20.17	AV	205.00	400	Horizontal	Pass
3	4363.425	48.70	74.0	25.30	Peak	330.00	200	Horizontal	Pass
3**	4363.425	39.33	54.0	14.67	AV	330.00	200	Horizontal	Pass
4	7507.778	46.13	74.0	27.87	Peak	357.00	400	Horizontal	Pass
4**	7507.778	36.71	54.0	17.29	AV	357.00	400	Horizontal	Pass
5	12474.301	48.55	74.0	25.45	Peak	193.00	200	Horizontal	Pass
5**	12474.301	38.85	54.0	15.15	AV	193.00	200	Horizontal	Pass
6	15615.674	50.59	74.0	23.41	Peak	71.00	300	Horizontal	Pass
6**	15615.674	41.33	54.0	12.67	AV	71.00	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	1466.848	38.33	74.0	35.67	Peak	269.00	200	Vertical	Pass
1**	1466.848	29.77	54.0	24.23	AV	269.00	200	Vertical	Pass
2	4030.797	46.74	74.0	27.26	Peak	307.00	300	Vertical	Pass
2**	4030.797	37.92	54.0	16.08	AV	307.00	300	Vertical	Pass
3	4549.335	48.48	74.0	25.52	Peak	285.00	200	Vertical	Pass
3**	4549.335	39.80	54.0	14.20	AV	285.00	200	Vertical	Pass
4	7597.881	45.26	74.0	28.75	Peak	316.00	300	Vertical	Pass
4**	7597.881	34.70	54.0	19.30	AV	316.00	300	Vertical	Pass
5	12452.599	48.37	74.0	25.63	Peak	59.00	300	Vertical	Pass
5**	12452.599	39.14	54.0	14.86	AV	59.00	300	Vertical	Pass
6	15798.173	50.38	74.0	23.62	Peak	172.00	400	Vertical	Pass
6**	15798.173	40.86	54.0	13.14	AV	172.00	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	1501.175	37.79	74.0	36.22	Peak	261.00	400	Horizontal	Pass
1**	1501.175	31.09	54.0	22.91	AV	261.00	400	Horizontal	Pass
2	2849.560	42.43	74.0	31.57	Peak	191.00	200	Horizontal	Pass
2**	2849.560	34.20	54.0	19.80	AV	191.00	200	Horizontal	Pass
3	4364.348	48.97	74.0	25.03	Peak	276.00	200	Horizontal	Pass
3**	4364.348	39.80	54.0	14.20	AV	276.00	200	Horizontal	Pass
4	7509.233	46.26	74.0	27.74	Peak	269.00	300	Horizontal	Pass
4**	7509.233	36.91	54.0	17.09	AV	269.00	300	Horizontal	Pass
5	12474.342	48.90	74.0	25.10	Peak	248.00	100	Horizontal	Pass
5**	12474.342	38.96	54.0	15.04	AV	248.00	100	Horizontal	Pass
6	15620.625	51.00	74.0	23.00	Peak	304.00	200	Horizontal	Pass
6**	15620.625	41.53	54.0	12.47	AV	304.00	200	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	1465.351	38.68	74.0	35.32	Peak	337.00	200	Vertical	Pass
1**	1465.351	30.18	54.0	23.82	AV	337.00	200	Vertical	Pass
2	4030.441	46.95	74.0	27.05	Peak	90.00	200	Vertical	Pass
2**	4030.441	38.04	54.0	15.96	AV	90.00	200	Vertical	Pass
3	4543.495	49.07	74.0	24.93	Peak	6.00	200	Vertical	Pass
3**	4543.495	39.86	54.0	14.14	AV	6.00	200	Vertical	Pass
4	7597.735	45.28	74.0	28.72	Peak	247.00	100	Vertical	Pass
4**	7597.735	35.23	54.0	18.77	AV	247.00	100	Vertical	Pass
5	12450.456	48.61	74.0	25.39	Peak	289.00	100	Vertical	Pass
5**	12450.456	39.42	54.0	14.58	AV	289.00	100	Vertical	Pass
6	15801.446	50.97	74.0	23.03	Peak	5.00	300	Vertical	Pass
6**	15801.446	41.16	54.0	12.84	AV	5.00	300	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	1499.887	37.52	74.0	36.48	Peak	147.00	400	Horizontal	Pass
1**	1499.887	30.66	54.0	23.34	AV	147.00	400	Horizontal	Pass
2	2850.065	42.67	74.0	31.34	Peak	33.00	200	Horizontal	Pass
2**	2850.065	33.74	54.0	20.27	AV	33.00	200	Horizontal	Pass
3	4364.990	48.80	74.0	25.20	Peak	205.00	200	Horizontal	Pass
3**	4364.990	39.71	54.0	14.29	AV	205.00	200	Horizontal	Pass
4	7514.494	46.14	74.0	27.86	Peak	295.00	100	Horizontal	Pass
4**	7514.494	36.97	54.0	17.03	AV	295.00	100	Horizontal	Pass
5	12471.718	48.57	74.0	25.43	Peak	337.00	200	Horizontal	Pass
5**	12471.718	38.74	54.0	15.27	AV	337.00	200	Horizontal	Pass
6	15619.984	50.71	74.0	23.29	Peak	269.00	100	Horizontal	Pass
6**	15619.984	41.45	54.0	12.55	AV	269.00	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	1459.991	38.64	74.0	35.36	Peak	11.00	200	Vertical	Pass
1**	1459.991	29.92	54.0	24.08	AV	11.00	200	Vertical	Pass
2	4030.104	46.91	74.0	27.09	Peak	309.00	200	Vertical	Pass
2**	4030.104	37.85	54.0	16.15	AV	309.00	200	Vertical	Pass
3	4546.520	48.56	74.0	25.44	Peak	302.00	200	Vertical	Pass
3**	4546.520	39.81	54.0	14.19	AV	302.00	200	Vertical	Pass
4	7603.145	45.30	74.0	28.70	Peak	36.00	200	Vertical	Pass
4**	7603.145	34.91	54.0	19.10	AV	36.00	200	Vertical	Pass
5	12451.982	48.54	74.0	25.46	Peak	148.00	200	Vertical	Pass
5**	12451.982	39.36	54.0	14.64	AV	148.00	200	Vertical	Pass
6	15802.334	50.82	74.0	23.19	Peak	274.00	100	Vertical	Pass
6**	15802.334	40.95	54.0	13.05	AV	274.00	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	1501.644	37.45	74.0	36.55	Peak	311.00	200	Horizontal	Pass
1**	1501.644	30.59	54.0	23.41	AV	311.00	200	Horizontal	Pass
2	2853.487	42.27	74.0	31.73	Peak	187.00	200	Horizontal	Pass
2**	2853.487	33.78	54.0	20.22	AV	187.00	200	Horizontal	Pass
3	4366.666	48.63	74.0	25.37	Peak	91.00	200	Horizontal	Pass
3**	4366.666	39.37	54.0	14.64	AV	91.00	200	Horizontal	Pass
4	7511.516	46.14	74.0	27.86	Peak	297.00	300	Horizontal	Pass
4**	7511.516	36.65	54.0	17.35	AV	297.00	300	Horizontal	Pass
5	12471.131	48.56	74.0	25.44	Peak	127.00	100	Horizontal	Pass
5**	12471.131	38.60	54.0	15.40	AV	127.00	100	Horizontal	Pass
6	15616.759	50.64	74.0	23.36	Peak	334.00	100	Horizontal	Pass
6**	15616.759	41.23	54.0	12.77	AV	334.00	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	1462.355	38.50	74.0	35.50	Peak	291.00	400	Vertical	Pass
1**	1462.355	29.83	54.0	24.18	AV	291.00	400	Vertical	Pass
2	4027.624	46.66	74.0	27.34	Peak	250.00	400	Vertical	Pass
2**	4027.624	38.00	54.0	16.00	AV	250.00	400	Vertical	Pass
3	4545.245	48.63	74.0	25.37	Peak	184.00	200	Vertical	Pass
3**	4545.245	39.63	54.0	14.37	AV	184.00	200	Vertical	Pass
4	7603.091	45.11	74.0	28.89	Peak	36.00	100	Vertical	Pass
4**	7603.091	34.83	54.0	19.17	AV	36.00	100	Vertical	Pass
5	12452.362	48.52	74.0	25.48	Peak	43.00	400	Vertical	Pass
5**	12452.362	39.32	54.0	14.69	AV	43.00	400	Vertical	Pass
6	15803.395	50.38	74.0	23.62	Peak	82.00	200	Vertical	Pass
6**	15803.395	40.94	54.0	13.06	AV	82.00	200	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	1503.461	37.65	74.0	36.35	Peak	161.00	300	Horizontal	Pass
1**	1503.461	30.94	54.0	23.06	AV	161.00	300	Horizontal	Pass
2	2851.175	42.54	74.0	31.46	Peak	83.00	300	Horizontal	Pass
2**	2851.175	33.96	54.0	20.04	AV	83.00	300	Horizontal	Pass
3	4366.123	48.95	74.0	25.05	Peak	256.00	200	Horizontal	Pass
3**	4366.123	39.81	54.0	14.19	AV	256.00	200	Horizontal	Pass
4	7514.552	46.31	74.0	27.69	Peak	237.00	400	Horizontal	Pass
4**	7514.552	37.01	54.0	16.99	AV	237.00	400	Horizontal	Pass
5	12475.279	48.67	74.0	25.33	Peak	125.00	100	Horizontal	Pass
5**	12475.279	38.81	54.0	15.19	AV	125.00	100	Horizontal	Pass
6	15617.434	50.88	74.0	23.12	Peak	173.00	100	Horizontal	Pass
6**	15617.434	41.51	54.0	12.49	AV	173.00	100	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	1463.141	38.08	74.0	35.92	Peak	157.00	400	Vertical	Pass
1**	1463.141	29.62	54.0	24.38	AV	157.00	400	Vertical	Pass
2	4027.380	46.55	74.0	27.46	Peak	49.00	200	Vertical	Pass
2**	4027.380	37.78	54.0	16.22	AV	49.00	200	Vertical	Pass
3	4542.277	48.28	74.0	25.72	Peak	64.00	200	Vertical	Pass
3**	4542.277	39.68	54.0	14.32	AV	64.00	200	Vertical	Pass
4	7602.340	45.05	74.0	28.95	Peak	342.00	400	Vertical	Pass
4**	7602.340	34.50	54.0	19.50	AV	342.00	400	Vertical	Pass
5	12450.239	48.21	74.0	25.79	Peak	353.00	400	Vertical	Pass
5**	12450.239	39.02	54.0	14.98	AV	353.00	400	Vertical	Pass
6	15796.380	50.11	74.0	23.89	Peak	211.00	300	Vertical	Pass
6**	15796.380	40.78	54.0	13.22	AV	211.00	300	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	1501.597	37.68	74.0	36.33	Peak	258.00	200	Horizontal	Pass
1**	1501.597	30.82	54.0	23.18	AV	258.00	200	Horizontal	Pass
2	2855.568	42.38	74.0	31.63	Peak	311.00	400	Horizontal	Pass
2**	2855.568	33.91	54.0	20.09	AV	311.00	400	Horizontal	Pass
3	4365.598	48.72	74.0	25.28	Peak	221.00	200	Horizontal	Pass
3**	4365.598	39.66	54.0	14.34	AV	221.00	200	Horizontal	Pass
4	7507.479	45.95	74.0	28.05	Peak	25.00	200	Horizontal	Pass
4**	7507.479	36.94	54.0	17.06	AV	25.00	200	Horizontal	Pass
5	12470.661	48.78	74.0	25.22	Peak	154.00	400	Horizontal	Pass
5**	12470.661	38.85	54.0	15.15	AV	154.00	400	Horizontal	Pass
6	15621.144	50.69	74.0	23.31	Peak	128.00	100	Horizontal	Pass
6**	15621.144	41.37	54.0	12.63	AV	128.00	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	1464.490	38.58	74.0	35.42	Peak	318.00	100	Vertical	Pass
1**	1464.490	29.95	54.0	24.05	AV	318.00	100	Vertical	Pass
2	4027.596	46.76	74.0	27.24	Peak	47.00	100	Vertical	Pass
2**	4027.596	38.00	54.0	16.00	AV	47.00	100	Vertical	Pass
3	4546.964	48.79	74.0	25.21	Peak	97.00	200	Vertical	Pass
3**	4546.964	39.86	54.0	14.14	AV	97.00	200	Vertical	Pass
4	7602.137	45.02	74.0	28.99	Peak	184.00	100	Vertical	Pass
4**	7602.137	35.16	54.0	18.85	AV	184.00	100	Vertical	Pass
5	12450.434	48.43	74.0	25.57	Peak	224.00	100	Vertical	Pass
5**	12450.434	39.36	54.0	14.64	AV	224.00	100	Vertical	Pass
6	15800.820	50.73	74.0	23.27	Peak	177.00	200	Vertical	Pass
6**	15800.820	40.95	54.0	13.05	AV	177.00	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	1500.908	37.34	74.0	36.66	Peak	232.00	200	Horizontal	Pass
1**	1500.908	30.64	54.0	23.36	AV	232.00	200	Horizontal	Pass
2	2853.844	42.36	74.0	31.64	Peak	73.00	400	Horizontal	Pass
2**	2853.844	33.71	54.0	20.29	AV	73.00	400	Horizontal	Pass
3	4369.938	48.67	74.0	25.33	Peak	294.00	200	Horizontal	Pass
3**	4369.938	39.33	54.0	14.67	AV	294.00	200	Horizontal	Pass
4	7515.159	45.99	74.0	28.02	Peak	53.00	100	Horizontal	Pass
4**	7515.159	36.70	54.0	17.30	AV	53.00	100	Horizontal	Pass
5	12471.032	48.64	74.0	25.36	Peak	343.00	100	Horizontal	Pass
5**	12471.032	38.61	54.0	15.39	AV	343.00	100	Horizontal	Pass
6	15615.724	50.54	74.0	23.46	Peak	86.00	100	Horizontal	Pass
6**	15615.724	41.41	54.0	12.59	AV	86.00	100	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	1466.809	38.54	74.0	35.46	Peak	183.00	300	Vertical	Pass
1**	1466.809	29.74	54.0	24.26	AV	183.00	300	Vertical	Pass
2	4028.783	46.87	74.0	27.13	Peak	16.00	100	Vertical	Pass
2**	4028.783	37.63	54.0	16.37	AV	16.00	100	Vertical	Pass
3	4543.252	48.37	74.0	25.63	Peak	27.00	200	Vertical	Pass
3**	4543.252	39.79	54.0	14.21	AV	27.00	200	Vertical	Pass
4	7602.197	45.11	74.0	28.89	Peak	11.00	200	Vertical	Pass
4**	7602.197	34.90	54.0	19.10	AV	11.00	200	Vertical	Pass
5	12453.680	48.37	74.0	25.63	Peak	210.00	200	Vertical	Pass
5**	12453.680	39.18	54.0	14.83	AV	210.00	200	Vertical	Pass
6	15799.821	50.66	74.0	23.34	Peak	253.00	100	Vertical	Pass
6**	15799.821	40.74	54.0	13.26	AV	253.00	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	1501.344	37.13	74.0	36.87	Peak	101.00	300	Horizontal	Pass
1**	1501.344	30.17	54.0	23.83	AV	101.00	300	Horizontal	Pass
2	2855.061	42.28	74.0	31.72	Peak	209.00	200	Horizontal	Pass
2**	2855.061	33.56	54.0	20.44	AV	209.00	200	Horizontal	Pass
3	4369.580	48.65	74.0	25.35	Peak	211.00	200	Horizontal	Pass
3**	4369.580	39.19	54.0	14.81	AV	211.00	200	Horizontal	Pass
4	7507.401	45.92	74.0	28.08	Peak	346.00	300	Horizontal	Pass
4**	7507.401	36.61	54.0	17.39	AV	346.00	300	Horizontal	Pass
5	12471.674	48.30	74.0	25.70	Peak	71.00	200	Horizontal	Pass
5**	12471.674	38.81	54.0	15.19	AV	71.00	200	Horizontal	Pass
6	15615.437	50.43	74.0	23.57	Peak	346.00	300	Horizontal	Pass
6**	15615.437	41.16	54.0	12.84	AV	346.00	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	1460.228	38.49	74.0	35.51	Peak	292.00	300	Vertical	Pass
1**	1460.228	29.77	54.0	24.23	AV	292.00	300	Vertical	Pass
2	4027.969	46.53	74.0	27.47	Peak	334.00	100	Vertical	Pass
2**	4027.969	37.92	54.0	16.08	AV	334.00	100	Vertical	Pass
3	4545.250	48.61	74.0	25.39	Peak	252.00	200	Vertical	Pass
3**	4545.250	39.51	54.0	14.49	AV	252.00	200	Vertical	Pass
4	7600.677	44.85	74.0	29.15	Peak	169.00	300	Vertical	Pass
4**	7600.677	34.60	54.0	19.40	AV	169.00	300	Vertical	Pass
5	12456.484	48.46	74.0	25.54	Peak	15.00	300	Vertical	Pass
5**	12456.484	39.19	54.0	14.82	AV	15.00	300	Vertical	Pass
6	15799.221	50.18	74.0	23.82	Peak	269.00	300	Vertical	Pass
6**	15799.221	40.76	54.0	13.24	AV	269.00	300	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	1504.052	37.55	74.0	36.45	Peak	99.00	400	Horizontal	Pass
1**	1504.052	30.89	54.0	23.11	AV	99.00	400	Horizontal	Pass
2	2849.233	42.31	74.0	31.69	Peak	191.00	100	Horizontal	Pass
2**	2849.233	34.14	54.0	19.87	AV	191.00	100	Horizontal	Pass
3	4368.835	48.80	74.0	25.20	Peak	178.00	200	Horizontal	Pass
3**	4368.835	39.50	54.0	14.50	AV	178.00	200	Horizontal	Pass
4	7511.493	46.26	74.0	27.74	Peak	146.00	400	Horizontal	Pass
4**	7511.493	36.80	54.0	17.20	AV	146.00	400	Horizontal	Pass
5	12469.152	48.69	74.0	25.31	Peak	295.00	200	Horizontal	Pass
5**	12469.152	38.88	54.0	15.12	AV	295.00	200	Horizontal	Pass
6	15617.190	50.80	74.0	23.20	Peak	305.00	300	Horizontal	Pass
6**	15617.190	41.40	54.0	12.61	AV	305.00	300	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	1461.893	38.07	74.0	35.93	Peak	224.00	200	Vertical	Pass
1**	1461.893	29.46	54.0	24.54	AV	224.00	200	Vertical	Pass
2	4024.962	46.38	74.0	27.62	Peak	123.00	400	Vertical	Pass
2**	4024.962	37.70	54.0	16.30	AV	123.00	400	Vertical	Pass
3	4549.489	48.04	74.0	25.96	Peak	72.00	200	Vertical	Pass
3**	4549.489	39.53	54.0	14.47	AV	72.00	200	Vertical	Pass
4	7601.256	44.92	74.0	29.08	Peak	43.00	400	Vertical	Pass
4**	7601.256	34.47	54.0	19.53	AV	43.00	400	Vertical	Pass
5	12452.981	48.16	74.0	25.84	Peak	14.00	400	Vertical	Pass
5**	12452.981	38.82	54.0	15.18	AV	14.00	400	Vertical	Pass
6	15800.958	49.86	74.0	24.14	Peak	337.00	300	Vertical	Pass
6**	15800.958	40.63	54.0	13.37	AV	337.00	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	1502.155	37.44	74.0	36.56	Peak	269.00	200	Horizontal	Pass
1**	1502.155	30.49	54.0	23.51	AV	269.00	200	Horizontal	Pass
2	2849.344	42.41	74.0	31.59	Peak	317.00	400	Horizontal	Pass
2**	2849.344	33.47	54.0	20.53	AV	317.00	400	Horizontal	Pass
3	4369.943	48.61	74.0	25.39	Peak	109.00	200	Horizontal	Pass
3**	4369.943	39.48	54.0	14.52	AV	109.00	200	Horizontal	Pass
4	7513.231	46.03	74.0	27.97	Peak	79.00	200	Horizontal	Pass
4**	7513.231	36.81	54.0	17.19	AV	79.00	200	Horizontal	Pass
5	12472.671	48.40	74.0	25.60	Peak	166.00	400	Horizontal	Pass
5**	12472.671	38.61	54.0	15.39	AV	166.00	400	Horizontal	Pass
6	15614.947	50.43	74.0	23.57	Peak	335.00	100	Horizontal	Pass
6**	15614.947	41.16	54.0	12.84	AV	335.00	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	1463.391	38.45	74.0	35.56	Peak	333.00	300	Vertical	Pass
1**	1463.391	29.71	54.0	24.29	AV	333.00	300	Vertical	Pass
2	4025.740	46.56	74.0	27.44	Peak	145.00	200	Vertical	Pass
2**	4025.740	37.93	54.0	16.08	AV	145.00	200	Vertical	Pass
3	4546.054	48.57	74.0	25.43	Peak	288.00	200	Vertical	Pass
3**	4546.054	39.86	54.0	14.14	AV	288.00	200	Vertical	Pass
4	7601.310	44.99	74.0	29.01	Peak	105.00	300	Vertical	Pass
4**	7601.310	34.95	54.0	19.05	AV	105.00	300	Vertical	Pass
5	12456.749	48.27	74.0	25.73	Peak	107.00	300	Vertical	Pass
5**	12456.749	39.26	54.0	14.74	AV	107.00	300	Vertical	Pass
6	15800.807	50.71	74.0	23.29	Peak	337.00	300	Vertical	Pass
6**	15800.807	40.94	54.0	13.06	AV	337.00	300	Vertical	Pass

11ax20(SU), 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	1500.555	37.28	74.0	36.72	Peak	79.00	200	Horizontal	Pass
1**	1500.555	30.88	54.0	23.12	AV	79.00	200	Horizontal	Pass
2	2853.427	42.35	74.0	31.65	Peak	125.00	200	Horizontal	Pass
2**	2853.427	34.02	54.0	19.98	AV	125.00	200	Horizontal	Pass
3	4369.019	49.01	74.0	24.99	Peak	206.00	200	Horizontal	Pass
3**	4369.019	39.60	54.0	14.40	AV	206.00	200	Horizontal	Pass
4	7510.313	45.84	74.0	28.16	Peak	332.00	300	Horizontal	Pass
4**	7510.313	37.10	54.0	16.90	AV	332.00	300	Horizontal	Pass
5	12470.767	48.67	74.0	25.34	Peak	256.00	100	Horizontal	Pass
5**	12470.767	38.62	54.0	15.38	AV	256.00	100	Horizontal	Pass
6	15620.091	50.80	74.0	23.20	Peak	259.00	300	Horizontal	Pass
6**	15620.091	41.40	54.0	12.60	AV	259.00	300	Horizontal	Pass

11ax20(SU), 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	1466.862	37.96	74.0	36.04	Peak	304.00	300	Vertical	Pass
1**	1466.862	29.72	54.0	24.28	AV	304.00	300	Vertical	Pass
2	4029.209	46.05	74.0	27.95	Peak	228.00	300	Vertical	Pass
2**	4029.209	37.63	54.0	16.37	AV	228.00	300	Vertical	Pass
3	4545.201	48.58	74.0	25.42	Peak	131.00	200	Vertical	Pass
3**	4545.201	39.63	54.0	14.37	AV	131.00	200	Vertical	Pass
4	7598.239	44.74	74.0	29.26	Peak	88.00	100	Vertical	Pass
4**	7598.239	34.38	54.0	19.62	AV	88.00	100	Vertical	Pass
5	12453.423	47.96	74.0	26.04	Peak	353.00	400	Vertical	Pass
5**	12453.423	39.06	54.0	14.94	AV	353.00	400	Vertical	Pass
6	15797.328	50.42	74.0	23.58	Peak	167.00	400	Vertical	Pass
6**	15797.328	40.35	54.0	13.65	AV	167.00	400	Vertical	Pass

11ax20(SU), 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	1500.334	37.64	74.0	36.36	Peak	53.00	100	Horizontal	Pass
1**	1500.334	30.78	54.0	23.22	AV	53.00	100	Horizontal	Pass
2	2853.943	42.47	74.0	31.53	Peak	343.00	200	Horizontal	Pass
2**	2853.943	34.13	54.0	19.87	AV	343.00	200	Horizontal	Pass
3	4364.665	49.18	74.0	24.82	Peak	350.00	200	Horizontal	Pass
3**	4364.665	39.77	54.0	14.23	AV	350.00	200	Horizontal	Pass
4	7514.868	46.14	74.0	27.86	Peak	282.00	300	Horizontal	Pass
4**	7514.868	37.10	54.0	16.90	AV	282.00	300	Horizontal	Pass
5	12474.228	48.95	74.0	25.06	Peak	25.00	300	Horizontal	Pass
5**	12474.228	38.86	54.0	15.14	AV	25.00	300	Horizontal	Pass
6	15616.770	50.93	74.0	23.07	Peak	90.00	200	Horizontal	Pass
6**	15616.770	41.42	54.0	12.58	AV	90.00	200	Horizontal	Pass

11ax20(SU), 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	1462.726	38.52	74.0	35.48	Peak	135.00	300	Vertical	Pass
1**	1462.726	30.03	54.0	23.97	AV	135.00	300	Vertical	Pass
2	4030.598	46.72	74.0	27.28	Peak	256.00	200	Vertical	Pass
2**	4030.598	38.08	54.0	15.92	AV	256.00	200	Vertical	Pass
3	4547.551	49.09	74.0	24.91	Peak	139.00	200	Vertical	Pass
3**	4547.551	39.91	54.0	14.09	AV	139.00	200	Vertical	Pass
4	7603.519	45.39	74.0	28.61	Peak	242.00	300	Vertical	Pass
4**	7603.519	34.90	54.0	19.10	AV	242.00	300	Vertical	Pass
5	12453.757	48.54	74.0	25.47	Peak	147.00	100	Vertical	Pass
5**	12453.757	39.42	54.0	14.58	AV	147.00	100	Vertical	Pass
6	15801.766	50.89	74.0	23.11	Peak	29.00	100	Vertical	Pass
6**	15801.766	41.10	54.0	12.90	AV	29.00	100	Vertical	Pass

11ax20(SU), 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	1505.478	37.73	74.0	36.27	Peak	83.00	200	Horizontal	Pass
1**	1505.478	30.83	54.0	23.17	AV	83.00	200	Horizontal	Pass
2	2856.335	42.45	74.0	31.55	Peak	47.00	400	Horizontal	Pass
2**	2856.335	33.93	54.0	20.07	AV	47.00	400	Horizontal	Pass
3	4364.019	48.85	74.0	25.15	Peak	341.00	200	Horizontal	Pass
3**	4364.019	39.91	54.0	14.09	AV	341.00	200	Horizontal	Pass
4	7509.376	45.94	74.0	28.06	Peak	203.00	100	Horizontal	Pass
4**	7509.376	36.76	54.0	17.24	AV	203.00	100	Horizontal	Pass
5	12468.386	49.05	74.0	24.95	Peak	273.00	300	Horizontal	Pass
5**	12468.386	38.95	54.0	15.05	AV	273.00	300	Horizontal	Pass
6	15617.765	50.96	74.0	23.04	Peak	62.00	100	Horizontal	Pass
6**	15617.765	41.49	54.0	12.51	AV	62.00	100	Horizontal	Pass

11ax20(SU), 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	1464.433	38.59	74.0	35.41	Peak	213.00	400	Vertical	Pass
1**	1464.433	30.30	54.0	23.70	AV	213.00	400	Vertical	Pass
2	4024.399	46.61	74.0	27.39	Peak	183.00	400	Vertical	Pass
2**	4024.399	37.91	54.0	16.09	AV	183.00	400	Vertical	Pass
3	4543.733	49.01	74.0	24.99	Peak	230.00	200	Vertical	Pass
3**	4543.733	39.86	54.0	14.14	AV	230.00	200	Vertical	Pass
4	7600.974	45.21	74.0	28.79	Peak	317.00	100	Vertical	Pass
4**	7600.974	34.71	54.0	19.29	AV	317.00	100	Vertical	Pass
5	12452.832	48.60	74.0	25.40	Peak	102.00	400	Vertical	Pass
5**	12452.832	39.15	54.0	14.85	AV	102.00	400	Vertical	Pass
6	15803.961	50.88	74.0	23.12	Peak	219.00	400	Vertical	Pass
6**	15803.961	41.00	54.0	13.00	AV	219.00	400	Vertical	Pass

11ax40(SU), 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	1504.854	37.57	74.0	36.43	Peak	205.00	400	Horizontal	Pass
1**	1504.854	30.63	54.0	23.37	AV	205.00	400	Horizontal	Pass
2	2851.252	42.51	74.0	31.50	Peak	299.00	100	Horizontal	Pass
2**	2851.252	33.73	54.0	20.27	AV	299.00	100	Horizontal	Pass
3	4369.362	48.94	74.0	25.06	Peak	196.00	200	Horizontal	Pass
3**	4369.362	39.53	54.0	14.47	AV	196.00	200	Horizontal	Pass
4	7509.238	45.35	74.0	28.65	Peak	44.00	100	Horizontal	Pass
4**	7509.238	36.65	54.0	17.35	AV	44.00	100	Horizontal	Pass
5	12474.332	48.73	74.0	25.27	Peak	189.00	300	Horizontal	Pass
5**	12474.332	38.66	54.0	15.34	AV	189.00	300	Horizontal	Pass
6	15619.010	50.65	74.0	23.35	Peak	86.00	100	Horizontal	Pass
6**	15619.010	41.24	54.0	12.76	AV	86.00	100	Horizontal	Pass

11ax40(SU), 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	1462.782	38.16	74.0	35.84	Peak	91.00	400	Vertical	Pass
1**	1462.782	29.82	54.0	24.18	AV	91.00	400	Vertical	Pass
2	4024.195	46.45	74.0	27.56	Peak	339.00	200	Vertical	Pass
2**	4024.195	37.73	54.0	16.27	AV	339.00	200	Vertical	Pass
3	4547.780	48.74	74.0	25.26	Peak	278.00	200	Vertical	Pass
3**	4547.780	39.76	54.0	14.24	AV	278.00	200	Vertical	Pass
4	7597.437	45.00	74.0	29.00	Peak	203.00	100	Vertical	Pass
4**	7597.437	34.67	54.0	19.33	AV	203.00	100	Vertical	Pass
5	12450.095	48.27	74.0	25.73	Peak	351.00	200	Vertical	Pass
5**	12450.095	39.14	54.0	14.86	AV	351.00	200	Vertical	Pass
6	15801.301	50.76	74.0	23.24	Peak	177.00	300	Vertical	Pass
6**	15801.301	40.77	54.0	13.24	AV	177.00	300	Vertical	Pass

11ax40(SU), 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	1502.959	37.26	74.0	36.74	Peak	335.00	200	Horizontal	Pass
1**	1502.959	30.55	54.0	23.45	AV	335.00	200	Horizontal	Pass
2	2850.649	42.07	74.0	31.94	Peak	48.00	300	Horizontal	Pass
2**	2850.649	33.59	54.0	20.41	AV	48.00	300	Horizontal	Pass
3	4368.526	48.91	74.0	25.09	Peak	12.00	200	Horizontal	Pass
3**	4368.526	39.53	54.0	14.47	AV	12.00	200	Horizontal	Pass
4	7511.171	45.20	74.0	28.80	Peak	91.00	400	Horizontal	Pass
4**	7511.171	36.66	54.0	17.34	AV	91.00	400	Horizontal	Pass
5	12472.754	48.64	74.0	25.36	Peak	236.00	100	Horizontal	Pass
5**	12472.754	38.55	54.0	15.45	AV	236.00	100	Horizontal	Pass
6	15615.729	50.67	74.0	23.33	Peak	14.00	200	Horizontal	Pass
6**	15615.729	41.07	54.0	12.93	AV	14.00	200	Horizontal	Pass

11ax40(SU), 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	1459.083	38.05	74.0	35.95	Peak	97.00	400	Vertical	Pass
1**	1459.083	29.81	54.0	24.19	AV	97.00	400	Vertical	Pass
2	4023.223	45.91	74.0	28.09	Peak	81.00	100	Vertical	Pass
2**	4023.223	37.69	54.0	16.31	AV	81.00	100	Vertical	Pass
3	4547.280	48.62	74.0	25.39	Peak	301.00	200	Vertical	Pass
3**	4547.280	39.73	54.0	14.27	AV	301.00	200	Vertical	Pass
4	7597.282	44.95	74.0	29.05	Peak	273.00	200	Vertical	Pass
4**	7597.282	34.81	54.0	19.19	AV	273.00	200	Vertical	Pass
5	12456.191	47.97	74.0	26.03	Peak	109.00	100	Vertical	Pass
5**	12456.191	38.92	54.0	15.08	AV	109.00	100	Vertical	Pass
6	15803.328	50.46	74.0	23.54	Peak	28.00	200	Vertical	Pass
6**	15803.328	40.66	54.0	13.34	AV	28.00	200	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	1501.952	38.98	74.0	35.02	Peak	181.00	200	Horizontal	Pass
1**	1501.952	33.05	54.0	20.95	AV	181.00	200	Horizontal	Pass
2	4359.379	48.35	74.0	25.65	Peak	327.00	400	Horizontal	Pass
2**	4359.379	41.97	54.0	12.03	AV	327.00	400	Horizontal	Pass
3	4916.934	51.53	74.0	22.47	Peak	342.00	200	Horizontal	Pass
3**	4916.934	43.34	54.0	10.66	AV	342.00	200	Horizontal	Pass
4	7541.958	45.73	74.0	28.27	Peak	242.00	200	Horizontal	Pass
4**	7541.958	36.95	54.0	17.05	AV	242.00	200	Horizontal	Pass
5	12567.683	46.04	74.0	27.96	Peak	342.00	200	Horizontal	Pass
5**	12567.683	37.38	54.0	16.62	AV	342.00	200	Horizontal	Pass
6	15811.493	53.44	74.0	20.56	Peak	302.00	100	Horizontal	Pass
6**	15811.493	38.86	54.0	15.14	AV	302.00	100	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	1561.835	35.82	74.0	38.18	Peak	268.00	400	Vertical	Pass
1**	1561.835	28.90	54.0	25.10	AV	268.00	400	Vertical	Pass
2	3785.615	46.87	74.0	27.13	Peak	358.00	300	Vertical	Pass
2**	3785.615	34.84	54.0	19.16	AV	358.00	300	Vertical	Pass
3	4672.498	48.40	74.0	25.60	Peak	81.00	200	Vertical	Pass
3**	4672.498	36.90	54.0	17.10	AV	81.00	200	Vertical	Pass
4	7275.780	43.20	74.0	30.80	Peak	259.00	300	Vertical	Pass
4**	7275.780	33.82	54.0	20.18	AV	259.00	300	Vertical	Pass
5	12480.266	50.90	74.0	23.10	Peak	99.00	300	Vertical	Pass
5**	12480.266	41.70	54.0	12.30	AV	99.00	300	Vertical	Pass
6	15574.509	53.59	74.0	20.41	Peak	262.00	100	Vertical	Pass
6**	15574.509	41.20	54.0	12.80	AV	262.00	100	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	1504.040	38.87	74.0	35.13	Peak	61.00	200	Horizontal	Pass
1**	1504.040	32.96	54.0	21.04	AV	61.00	200	Horizontal	Pass
2	4359.165	48.14	74.0	25.86	Peak	141.00	200	Horizontal	Pass
2**	4359.165	41.96	54.0	12.04	AV	141.00	200	Horizontal	Pass
3	4913.478	51.43	74.0	22.57	Peak	98.00	200	Horizontal	Pass
3**	4913.478	43.30	54.0	10.70	AV	98.00	200	Horizontal	Pass
4	7542.368	45.48	74.0	28.53	Peak	98.00	200	Horizontal	Pass
4**	7542.368	36.77	54.0	17.23	AV	98.00	200	Horizontal	Pass
5	12566.862	45.81	74.0	28.19	Peak	218.00	400	Horizontal	Pass
5**	12566.862	37.17	54.0	16.83	AV	218.00	400	Horizontal	Pass
6	15814.259	53.35	74.0	20.65	Peak	7.00	400	Horizontal	Pass
6**	15814.259	38.68	54.0	15.32	AV	7.00	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	1558.917	35.53	74.0	38.48	Peak	192.00	100	Vertical	Pass
1**	1558.917	28.69	54.0	25.31	AV	192.00	100	Vertical	Pass
2	3787.805	46.86	74.0	27.14	Peak	358.00	300	Vertical	Pass
2**	3787.805	34.61	54.0	19.39	AV	358.00	300	Vertical	Pass
3	4670.298	48.26	74.0	25.74	Peak	209.00	200	Vertical	Pass
3**	4670.298	36.64	54.0	17.36	AV	209.00	200	Vertical	Pass
4	7278.670	43.13	74.0	30.87	Peak	243.00	300	Vertical	Pass
4**	7278.670	33.76	54.0	20.24	AV	243.00	300	Vertical	Pass
5	12480.992	50.66	74.0	23.34	Peak	81.00	300	Vertical	Pass
5**	12480.992	41.64	54.0	12.36	AV	81.00	300	Vertical	Pass
6	15575.636	53.43	74.0	20.58	Peak	207.00	300	Vertical	Pass
6**	15575.636	41.03	54.0	12.97	AV	207.00	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	1497.406	38.79	74.0	35.21	Peak	21.00	100	Horizontal	Pass
1**	1497.406	32.68	54.0	21.32	AV	21.00	100	Horizontal	Pass
2	4362.722	47.93	74.0	26.07	Peak	215.00	300	Horizontal	Pass
2**	4362.722	41.68	54.0	12.32	AV	215.00	300	Horizontal	Pass
3	4917.412	51.32	74.0	22.68	Peak	134.00	200	Horizontal	Pass
3**	4917.412	43.13	54.0	10.88	AV	134.00	200	Horizontal	Pass
4	7543.694	45.43	74.0	28.57	Peak	22.00	200	Horizontal	Pass
4**	7543.694	36.77	54.0	17.24	AV	22.00	200	Horizontal	Pass
5	12565.660	45.65	74.0	28.35	Peak	15.00	100	Horizontal	Pass
5**	12565.660	36.89	54.0	17.11	AV	15.00	100	Horizontal	Pass
6	15814.211	53.26	74.0	20.74	Peak	313.00	200	Horizontal	Pass
6**	15814.211	38.45	54.0	15.55	AV	313.00	200	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	1566.150	35.49	74.0	38.51	Peak	320.00	200	Vertical	Pass
1**	1566.150	28.55	54.0	25.45	AV	320.00	200	Vertical	Pass
2	3782.717	46.71	74.0	27.29	Peak	147.00	300	Vertical	Pass
2**	3782.717	34.38	54.0	19.62	AV	147.00	300	Vertical	Pass
3	4671.668	48.24	74.0	25.76	Peak	306.00	200	Vertical	Pass
3**	4671.668	36.49	54.0	17.51	AV	306.00	200	Vertical	Pass
4	7281.690	43.09	74.0	30.91	Peak	141.00	400	Vertical	Pass
4**	7281.690	33.66	54.0	20.35	AV	141.00	400	Vertical	Pass
5	12482.906	50.58	74.0	23.42	Peak	155.00	300	Vertical	Pass
5**	12482.906	41.60	54.0	12.40	AV	155.00	300	Vertical	Pass
6	15580.242	53.23	74.0	20.77	Peak	126.00	400	Vertical	Pass
6**	15580.242	40.74	54.0	13.26	AV	126.00	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	1502.222	38.76	74.0	35.24	Peak	89.00	100	Horizontal	Pass
1**	1502.222	32.45	54.0	21.55	AV	89.00	100	Horizontal	Pass
2	4363.060	47.85	74.0	26.15	Peak	346.00	200	Horizontal	Pass
2**	4363.060	41.67	54.0	12.33	AV	346.00	200	Horizontal	Pass
3	4910.695	51.13	74.0	22.87	Peak	2.00	200	Horizontal	Pass
3**	4910.695	43.04	54.0	10.97	AV	2.00	200	Horizontal	Pass
4	7542.673	45.26	74.0	28.74	Peak	335.00	400	Horizontal	Pass
4**	7542.673	36.73	54.0	17.27	AV	335.00	400	Horizontal	Pass
5	12566.352	45.36	74.0	28.64	Peak	234.00	400	Horizontal	Pass
5**	12566.352	36.82	54.0	17.18	AV	234.00	400	Horizontal	Pass
6	15809.972	53.00	74.0	21.00	Peak	229.00	400	Horizontal	Pass
6**	15809.972	38.15	54.0	15.85	AV	229.00	400	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	1566.895	35.33	74.0	38.67	Peak	221.00	200	Vertical	Pass
1**	1566.895	28.54	54.0	25.46	AV	221.00	200	Vertical	Pass
2	3781.460	46.44	74.0	27.56	Peak	246.00	200	Vertical	Pass
2**	3781.460	34.19	54.0	19.81	AV	246.00	200	Vertical	Pass
3	4670.779	48.05	74.0	25.95	Peak	50.00	200	Vertical	Pass
3**	4670.779	36.47	54.0	17.53	AV	50.00	200	Vertical	Pass
4	7281.495	42.88	74.0	31.12	Peak	236.00	200	Vertical	Pass
4**	7281.495	33.55	54.0	20.45	AV	236.00	200	Vertical	Pass
5	12478.498	50.29	74.0	23.71	Peak	219.00	200	Vertical	Pass
5**	12478.498	41.43	54.0	12.57	AV	219.00	200	Vertical	Pass
6	15576.327	52.97	74.0	21.04	Peak	36.00	200	Vertical	Pass
6**	15576.327	40.71	54.0	13.29	AV	36.00	200	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	1503.887	38.50	74.0	35.50	Peak	216.00	200	Horizontal	Pass
1**	1503.887	32.44	54.0	21.57	AV	216.00	200	Horizontal	Pass
2	4357.670	47.66	74.0	26.34	Peak	94.00	200	Horizontal	Pass
2**	4357.670	41.49	54.0	12.51	AV	94.00	200	Horizontal	Pass
3	4913.605	50.90	74.0	23.10	Peak	222.00	200	Horizontal	Pass
3**	4913.605	42.92	54.0	11.08	AV	222.00	200	Horizontal	Pass
4	7539.687	45.14	74.0	28.86	Peak	340.00	300	Horizontal	Pass
4**	7539.687	36.72	54.0	17.28	AV	340.00	300	Horizontal	Pass
5	12569.920	45.35	74.0	28.65	Peak	303.00	300	Horizontal	Pass
5**	12569.920	36.74	54.0	17.26	AV	303.00	300	Horizontal	Pass
6	15813.238	52.80	74.0	21.20	Peak	328.00	400	Horizontal	Pass
6**	15813.238	37.88	54.0	16.12	AV	328.00	400	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	1562.018	35.16	74.0	38.84	Peak	148.00	200	Vertical	Pass
1**	1562.018	28.37	54.0	25.64	AV	148.00	200	Vertical	Pass
2	3782.580	46.35	74.0	27.65	Peak	144.00	100	Vertical	Pass
2**	3782.580	34.19	54.0	19.81	AV	144.00	100	Vertical	Pass
3	4669.532	48.04	74.0	25.96	Peak	94.00	200	Vertical	Pass
3**	4669.532	36.20	54.0	17.80	AV	94.00	200	Vertical	Pass
4	7281.735	42.69	74.0	31.31	Peak	227.00	100	Vertical	Pass
4**	7281.735	33.51	54.0	20.49	AV	227.00	100	Vertical	Pass
5	12477.000	50.24	74.0	23.76	Peak	22.00	300	Vertical	Pass
5**	12477.000	41.20	54.0	12.80	AV	22.00	300	Vertical	Pass
6	15574.432	52.74	74.0	21.26	Peak	244.00	100	Vertical	Pass
6**	15574.432	40.47	54.0	13.53	AV	244.00	100	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	1503.970	38.40	74.0	35.60	Peak	147.00	300	Horizontal	Pass
1**	1503.970	32.34	54.0	21.67	AV	147.00	300	Horizontal	Pass
2	4364.468	47.59	74.0	26.41	Peak	82.00	200	Horizontal	Pass
2**	4364.468	41.24	54.0	12.77	AV	82.00	200	Horizontal	Pass
3	4916.964	50.62	74.0	23.38	Peak	177.00	200	Horizontal	Pass
3**	4916.964	42.82	54.0	11.18	AV	177.00	200	Horizontal	Pass
4	7544.933	44.90	74.0	29.10	Peak	155.00	100	Horizontal	Pass
4**	7544.933	36.51	54.0	17.49	AV	155.00	100	Horizontal	Pass
5	12570.264	45.09	74.0	28.91	Peak	204.00	200	Horizontal	Pass
5**	12570.264	36.62	54.0	17.39	AV	204.00	200	Horizontal	Pass
6	15812.880	52.63	74.0	21.37	Peak	353.00	200	Horizontal	Pass
6**	15812.880	37.79	54.0	16.21	AV	353.00	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	1563.872	34.97	74.0	39.03	Peak	288.00	300	Vertical	Pass
1**	1563.872	28.14	54.0	25.87	AV	288.00	300	Vertical	Pass
2	3787.208	46.10	74.0	27.90	Peak	321.00	300	Vertical	Pass
2**	3787.208	33.89	54.0	20.11	AV	321.00	300	Vertical	Pass
3	4671.439	47.83	74.0	26.17	Peak	335.00	200	Vertical	Pass
3**	4671.439	36.07	54.0	17.93	AV	335.00	200	Vertical	Pass
4	7278.628	42.57	74.0	31.43	Peak	159.00	300	Vertical	Pass
4**	7278.628	33.39	54.0	20.61	AV	159.00	300	Vertical	Pass
5	12477.315	50.13	74.0	23.87	Peak	346.00	100	Vertical	Pass
5**	12477.315	41.17	54.0	12.83	AV	346.00	100	Vertical	Pass
6	15580.010	52.69	74.0	21.31	Peak	294.00	300	Vertical	Pass
6**	15580.010	40.25	54.0	13.75	AV	294.00	300	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	1496.473	38.31	74.0	35.69	Peak	258.00	400	Horizontal	Pass
1**	1496.473	32.04	54.0	21.96	AV	258.00	400	Horizontal	Pass
2	4357.470	47.48	74.0	26.52	Peak	37.00	300	Horizontal	Pass
2**	4357.470	41.21	54.0	12.79	AV	37.00	300	Horizontal	Pass
3	4916.644	50.56	74.0	23.44	Peak	219.00	200	Horizontal	Pass
3**	4916.644	42.82	54.0	11.18	AV	219.00	200	Horizontal	Pass
4	7539.704	44.77	74.0	29.23	Peak	225.00	100	Horizontal	Pass
4**	7539.704	36.32	54.0	17.68	AV	225.00	100	Horizontal	Pass
5	12571.543	45.05	74.0	28.96	Peak	333.00	200	Horizontal	Pass
5**	12571.543	36.46	54.0	17.54	AV	333.00	200	Horizontal	Pass
6	15809.531	52.45	74.0	21.55	Peak	202.00	200	Horizontal	Pass
6**	15809.531	37.79	54.0	16.21	AV	202.00	200	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	1563.773	34.74	74.0	39.26	Peak	352.00	200	Vertical	Pass
1**	1563.773	27.99	54.0	26.01	AV	352.00	200	Vertical	Pass
2	3781.843	45.93	74.0	28.08	Peak	287.00	300	Vertical	Pass
2**	3781.843	33.83	54.0	20.17	AV	287.00	300	Vertical	Pass
3	4672.802	47.54	74.0	26.46	Peak	119.00	200	Vertical	Pass
3**	4672.802	35.94	54.0	18.06	AV	119.00	200	Vertical	Pass
4	7282.000	42.36	74.0	31.64	Peak	206.00	400	Vertical	Pass
4**	7282.000	33.09	54.0	20.91	AV	206.00	400	Vertical	Pass
5	12479.648	50.11	74.0	23.89	Peak	335.00	200	Vertical	Pass
5**	12479.648	41.02	54.0	12.98	AV	335.00	200	Vertical	Pass
6	15580.120	52.54	74.0	21.46	Peak	0.00	300	Vertical	Pass
6**	15580.120	40.06	54.0	13.94	AV	0.00	300	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	1500.987	38.30	74.0	35.70	Peak	327.00	400	Horizontal	Pass
1**	1500.987	32.04	54.0	21.96	AV	327.00	400	Horizontal	Pass
2	4359.116	47.48	74.0	26.52	Peak	135.00	400	Horizontal	Pass
2**	4359.116	41.16	54.0	12.84	AV	135.00	400	Horizontal	Pass
3	4915.524	50.28	74.0	23.73	Peak	16.00	200	Horizontal	Pass
3**	4915.524	42.59	54.0	11.41	AV	16.00	200	Horizontal	Pass
4	7543.211	44.74	74.0	29.26	Peak	10.00	400	Horizontal	Pass
4**	7543.211	36.28	54.0	17.72	AV	10.00	400	Horizontal	Pass
5	12569.445	44.78	74.0	29.22	Peak	183.00	300	Horizontal	Pass
5**	12569.445	36.30	54.0	17.70	AV	183.00	300	Horizontal	Pass
6	15814.541	52.43	74.0	21.57	Peak	328.00	300	Horizontal	Pass
6**	15814.541	37.57	54.0	16.43	AV	328.00	300	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	1560.043	34.52	74.0	39.48	Peak	320.00	300	Vertical	Pass
1**	1560.043	27.83	54.0	26.17	AV	320.00	300	Vertical	Pass
2	3785.679	45.83	74.0	28.17	Peak	49.00	100	Vertical	Pass
2**	3785.679	33.55	54.0	20.45	AV	49.00	100	Vertical	Pass
3	4669.344	47.49	74.0	26.51	Peak	34.00	200	Vertical	Pass
3**	4669.344	35.94	54.0	18.06	AV	34.00	200	Vertical	Pass
4	7280.382	42.14	74.0	31.86	Peak	151.00	100	Vertical	Pass
4**	7280.382	33.03	54.0	20.97	AV	151.00	100	Vertical	Pass
5	12481.975	49.99	74.0	24.01	Peak	49.00	400	Vertical	Pass
5**	12481.975	40.97	54.0	13.03	AV	49.00	400	Vertical	Pass
6	15575.863	52.29	74.0	21.71	Peak	21.00	300	Vertical	Pass
6**	15575.863	39.99	54.0	14.01	AV	21.00	300	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	1498.875	38.21	74.0	35.79	Peak	104.00	300	Horizontal	Pass
1**	1498.875	31.93	54.0	22.07	AV	104.00	300	Horizontal	Pass
2	4364.900	47.41	74.0	26.59	Peak	280.00	100	Horizontal	Pass
2**	4364.900	40.89	54.0	13.11	AV	280.00	100	Horizontal	Pass
3	4916.522	49.99	74.0	24.01	Peak	161.00	200	Horizontal	Pass
3**	4916.522	42.54	54.0	11.46	AV	161.00	200	Horizontal	Pass
4	7538.438	44.73	74.0	29.27	Peak	232.00	300	Horizontal	Pass
4**	7538.438	36.01	54.0	17.99	AV	232.00	300	Horizontal	Pass
5	12565.663	44.53	74.0	29.48	Peak	104.00	200	Horizontal	Pass
5**	12565.663	36.29	54.0	17.71	AV	104.00	200	Horizontal	Pass
6	15813.243	52.29	74.0	21.71	Peak	58.00	400	Horizontal	Pass
6**	15813.243	37.36	54.0	16.64	AV	58.00	400	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	1566.056	34.32	74.0	39.68	Peak	311.00	300	Vertical	Pass
1**	1566.056	27.63	54.0	26.37	AV	311.00	300	Vertical	Pass
2	3783.438	45.56	74.0	28.44	Peak	10.00	400	Vertical	Pass
2**	3783.438	33.40	54.0	20.60	AV	10.00	400	Vertical	Pass
3	4669.328	47.46	74.0	26.54	Peak	26.00	200	Vertical	Pass
3**	4669.328	35.90	54.0	18.10	AV	26.00	200	Vertical	Pass
4	7282.376	41.95	74.0	32.05	Peak	31.00	300	Vertical	Pass
4**	7282.376	32.75	54.0	21.25	AV	31.00	300	Vertical	Pass
5	12481.477	49.82	74.0	24.18	Peak	63.00	400	Vertical	Pass
5**	12481.477	40.80	54.0	13.20	AV	63.00	400	Vertical	Pass
6	15576.059	52.27	74.0	21.73	Peak	113.00	400	Vertical	Pass
6**	15576.059	39.81	54.0	14.19	AV	113.00	400	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	1502.936	38.85	74.0	35.15	Peak	195.00	200	Horizontal	Pass
1**	1502.936	32.94	54.0	21.06	AV	195.00	200	Horizontal	Pass
2	4360.875	48.13	74.0	25.87	Peak	0.00	200	Horizontal	Pass
2**	4360.875	41.70	54.0	12.30	AV	0.00	200	Horizontal	Pass
3	4912.229	51.36	74.0	22.64	Peak	5.00	200	Horizontal	Pass
3**	4912.229	43.15	54.0	10.85	AV	5.00	200	Horizontal	Pass
4	7540.178	45.54	74.0	28.47	Peak	304.00	200	Horizontal	Pass
4**	7540.178	36.94	54.0	17.06	AV	304.00	200	Horizontal	Pass
5	12571.524	45.83	74.0	28.17	Peak	245.00	300	Horizontal	Pass
5**	12571.524	37.31	54.0	16.69	AV	245.00	300	Horizontal	Pass
6	15815.245	53.31	74.0	20.70	Peak	19.00	100	Horizontal	Pass
6**	15815.245	38.62	54.0	15.38	AV	19.00	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	1566.806	35.75	74.0	38.25	Peak	99.00	400	Vertical	Pass
1**	1566.806	28.72	54.0	25.28	AV	99.00	400	Vertical	Pass
2	3787.803	46.65	74.0	27.35	Peak	215.00	300	Vertical	Pass
2**	3787.803	34.74	54.0	19.26	AV	215.00	300	Vertical	Pass
3	4672.927	48.40	74.0	25.61	Peak	211.00	200	Vertical	Pass
3**	4672.927	36.87	54.0	17.13	AV	211.00	200	Vertical	Pass
4	7281.559	43.10	74.0	30.90	Peak	3.00	100	Vertical	Pass
4**	7281.559	33.56	54.0	20.44	AV	3.00	100	Vertical	Pass
5	12483.503	50.67	74.0	23.33	Peak	100.00	200	Vertical	Pass
5**	12483.503	41.57	54.0	12.44	AV	100.00	200	Vertical	Pass
6	15574.877	53.41	74.0	20.59	Peak	204.00	200	Vertical	Pass
6**	15574.877	41.04	54.0	12.96	AV	204.00	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	1499.548	38.80	74.0	35.20	Peak	321.00	200	Horizontal	Pass
1**	1499.548	32.71	54.0	21.29	AV	321.00	200	Horizontal	Pass
2	4362.692	47.93	74.0	26.07	Peak	287.00	400	Horizontal	Pass
2**	4362.692	41.74	54.0	12.26	AV	287.00	400	Horizontal	Pass
3	4913.337	51.33	74.0	22.67	Peak	28.00	200	Horizontal	Pass
3**	4913.337	43.26	54.0	10.75	AV	28.00	200	Horizontal	Pass
4	7541.673	45.44	74.0	28.56	Peak	150.00	300	Horizontal	Pass
4**	7541.673	36.75	54.0	17.25	AV	150.00	300	Horizontal	Pass
5	12571.720	45.61	74.0	28.39	Peak	199.00	400	Horizontal	Pass
5**	12571.720	36.99	54.0	17.01	AV	199.00	400	Horizontal	Pass
6	15815.017	53.33	74.0	20.67	Peak	236.00	300	Horizontal	Pass
6**	15815.017	38.39	54.0	15.62	AV	236.00	300	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	1561.129	35.54	74.0	38.46	Peak	287.00	300	Vertical	Pass
1**	1561.129	28.55	54.0	25.45	AV	287.00	300	Vertical	Pass
2	3780.875	46.58	74.0	27.42	Peak	281.00	100	Vertical	Pass
2**	3780.875	34.60	54.0	19.40	AV	281.00	100	Vertical	Pass
3	4669.334	48.36	74.0	25.64	Peak	227.00	200	Vertical	Pass
3**	4669.334	36.78	54.0	17.22	AV	227.00	200	Vertical	Pass
4	7281.019	43.00	74.0	31.00	Peak	289.00	300	Vertical	Pass
4**	7281.019	33.46	54.0	20.54	AV	289.00	300	Vertical	Pass
5	12477.921	50.61	74.0	23.39	Peak	49.00	200	Vertical	Pass
5**	12477.921	41.43	54.0	12.57	AV	49.00	200	Vertical	Pass
6	15580.073	53.38	74.0	20.63	Peak	280.00	200	Vertical	Pass
6**	15580.073	40.78	54.0	13.22	AV	280.00	200	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	1500.573	38.71	74.0	35.29	Peak	288.00	200	Horizontal	Pass
1**	1500.573	32.66	54.0	21.34	AV	288.00	200	Horizontal	Pass
2	4360.053	47.72	74.0	26.28	Peak	353.00	400	Horizontal	Pass
2**	4360.053	41.48	54.0	12.52	AV	353.00	400	Horizontal	Pass
3	4910.105	51.30	74.0	22.70	Peak	151.00	200	Horizontal	Pass
3**	4910.105	43.03	54.0	10.97	AV	151.00	200	Horizontal	Pass
4	7543.597	45.41	74.0	28.59	Peak	5.00	300	Horizontal	Pass
4**	7543.597	36.69	54.0	17.31	AV	5.00	300	Horizontal	Pass
5	12568.659	45.60	74.0	28.40	Peak	89.00	100	Horizontal	Pass
5**	12568.659	36.88	54.0	17.12	AV	89.00	100	Horizontal	Pass
6	15814.066	53.31	74.0	20.69	Peak	248.00	400	Horizontal	Pass
6**	15814.066	38.12	54.0	15.88	AV	248.00	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	1563.399	35.47	74.0	38.53	Peak	302.00	100	Vertical	Pass
1**	1563.399	28.37	54.0	25.64	AV	302.00	100	Vertical	Pass
2	3785.280	46.34	74.0	27.66	Peak	25.00	400	Vertical	Pass
2**	3785.280	34.45	54.0	19.56	AV	25.00	400	Vertical	Pass
3	4676.714	48.36	74.0	25.64	Peak	293.00	200	Vertical	Pass
3**	4676.714	36.52	54.0	17.48	AV	293.00	200	Vertical	Pass
4	7282.863	42.90	74.0	31.10	Peak	289.00	300	Vertical	Pass
4**	7282.863	33.28	54.0	20.72	AV	289.00	300	Vertical	Pass
5	12476.920	50.51	74.0	23.49	Peak	126.00	300	Vertical	Pass
5**	12476.920	41.34	54.0	12.66	AV	126.00	300	Vertical	Pass
6	15573.690	53.17	74.0	20.83	Peak	50.00	300	Vertical	Pass
6**	15573.690	40.65	54.0	13.35	AV	50.00	300	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	1497.457	38.61	74.0	35.39	Peak	62.00	300	Horizontal	Pass
1**	1497.457	32.50	54.0	21.50	AV	62.00	300	Horizontal	Pass
2	4364.401	47.50	74.0	26.50	Peak	264.00	400	Horizontal	Pass
2**	4364.401	41.20	54.0	12.81	AV	264.00	400	Horizontal	Pass
3	4915.412	51.11	74.0	22.89	Peak	13.00	200	Horizontal	Pass
3**	4915.412	42.76	54.0	11.24	AV	13.00	200	Horizontal	Pass
4	7542.299	45.40	74.0	28.60	Peak	81.00	300	Horizontal	Pass
4**	7542.299	36.42	54.0	17.58	AV	81.00	300	Horizontal	Pass
5	12564.113	45.47	74.0	28.53	Peak	347.00	200	Horizontal	Pass
5**	12564.113	36.79	54.0	17.21	AV	347.00	200	Horizontal	Pass
6	15809.835	53.28	74.0	20.72	Peak	294.00	300	Horizontal	Pass
6**	15809.835	38.08	54.0	15.93	AV	294.00	300	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	1565.513	35.31	74.0	38.69	Peak	324.00	300	Vertical	Pass
1**	1565.513	28.26	54.0	25.74	AV	324.00	300	Vertical	Pass
2	3781.153	46.20	74.0	27.80	Peak	226.00	200	Vertical	Pass
2**	3781.153	34.29	54.0	19.71	AV	226.00	200	Vertical	Pass
3	4669.779	48.10	74.0	25.90	Peak	51.00	200	Vertical	Pass
3**	4669.779	36.35	54.0	17.65	AV	51.00	200	Vertical	Pass
4	7277.088	42.74	74.0	31.27	Peak	202.00	400	Vertical	Pass
4**	7277.088	32.99	54.0	21.01	AV	202.00	400	Vertical	Pass
5	12477.441	50.46	74.0	23.54	Peak	232.00	200	Vertical	Pass
5**	12477.441	41.23	54.0	12.77	AV	232.00	200	Vertical	Pass
6	15574.423	52.87	74.0	21.13	Peak	199.00	100	Vertical	Pass
6**	15574.423	40.57	54.0	13.43	AV	199.00	100	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	1500.016	38.41	74.0	35.60	Peak	265.00	400	Horizontal	Pass
1**	1500.016	32.50	54.0	21.50	AV	265.00	400	Horizontal	Pass
2	4357.430	47.42	74.0	26.58	Peak	190.00	200	Horizontal	Pass
2**	4357.430	41.12	54.0	12.88	AV	190.00	200	Horizontal	Pass
3	4911.357	50.95	74.0	23.05	Peak	197.00	200	Horizontal	Pass
3**	4911.357	42.61	54.0	11.39	AV	197.00	200	Horizontal	Pass
4	7539.198	45.12	74.0	28.89	Peak	17.00	100	Horizontal	Pass
4**	7539.198	36.35	54.0	17.65	AV	17.00	100	Horizontal	Pass
5	12563.762	45.41	74.0	28.59	Peak	227.00	200	Horizontal	Pass
5**	12563.762	36.67	54.0	17.33	AV	227.00	200	Horizontal	Pass
6	15811.592	53.20	74.0	20.80	Peak	280.00	400	Horizontal	Pass
6**	15811.592	37.78	54.0	16.22	AV	280.00	400	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	1566.724	35.59	74.0	38.41	Peak	36.00	400	Vertical	Pass
1**	1566.724	28.77	54.0	25.24	AV	36.00	400	Vertical	Pass
2	3786.831	46.67	74.0	27.33	Peak	348.00	100	Vertical	Pass
2**	3786.831	34.74	54.0	19.26	AV	348.00	100	Vertical	Pass
3	4674.507	48.17	74.0	25.83	Peak	158.00	200	Vertical	Pass
3**	4674.507	36.69	54.0	17.31	AV	158.00	200	Vertical	Pass
4	7282.009	43.08	74.0	30.92	Peak	67.00	200	Vertical	Pass
4**	7282.009	33.56	54.0	20.44	AV	67.00	200	Vertical	Pass
5	12479.167	50.67	74.0	23.34	Peak	50.00	200	Vertical	Pass
5**	12479.167	41.56	54.0	12.44	AV	50.00	200	Vertical	Pass
6	15575.648	53.44	74.0	20.56	Peak	23.00	200	Vertical	Pass
6**	15575.648	40.90	54.0	13.10	AV	23.00	200	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	1502.022	38.79	74.0	35.21	Peak	57.00	400	Horizontal	Pass
1**	1502.022	32.77	54.0	21.23	AV	57.00	400	Horizontal	Pass
2	4358.477	48.07	74.0	25.93	Peak	8.00	100	Horizontal	Pass
2**	4358.477	41.87	54.0	12.13	AV	8.00	100	Horizontal	Pass
3	4912.882	51.31	74.0	22.69	Peak	320.00	200	Horizontal	Pass
3**	4912.882	43.28	54.0	10.72	AV	320.00	200	Horizontal	Pass
4	7543.355	45.64	74.0	28.36	Peak	26.00	300	Horizontal	Pass
4**	7543.355	36.73	54.0	17.28	AV	26.00	300	Horizontal	Pass
5	12563.793	45.84	74.0	28.16	Peak	225.00	200	Horizontal	Pass
5**	12563.793	37.32	54.0	16.68	AV	225.00	200	Horizontal	Pass
6	15812.616	53.42	74.0	20.58	Peak	351.00	100	Horizontal	Pass
6**	15812.616	38.67	54.0	15.33	AV	351.00	100	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	1558.956	35.76	74.0	38.24	Peak	195.00	400	Vertical	Pass
1**	1558.956	28.86	54.0	25.14	AV	195.00	400	Vertical	Pass
2	3780.364	46.80	74.0	27.20	Peak	350.00	200	Vertical	Pass
2**	3780.364	34.61	54.0	19.39	AV	350.00	200	Vertical	Pass
3	4670.630	48.15	74.0	25.85	Peak	46.00	200	Vertical	Pass
3**	4670.630	36.90	54.0	17.10	AV	46.00	200	Vertical	Pass
4	7282.654	43.03	74.0	30.97	Peak	119.00	300	Vertical	Pass
4**	7282.654	33.53	54.0	20.47	AV	119.00	300	Vertical	Pass
5	12476.755	50.72	74.0	23.28	Peak	318.00	300	Vertical	Pass
5**	12476.755	41.52	54.0	12.49	AV	318.00	300	Vertical	Pass
6	15577.304	53.38	74.0	20.62	Peak	339.00	100	Vertical	Pass
6**	15577.304	41.17	54.0	12.84	AV	339.00	100	Vertical	Pass

11ax20(SU), 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	1515.980	37.70	74.0	36.30	Peak	41.00	200	Horizontal	Pass
1**	1515.980	27.34	54.0	26.66	AV	41.00	200	Horizontal	Pass
2	2968.326	39.98	74.0	34.02	Peak	297.00	100	Horizontal	Pass
2**	2968.326	35.91	54.0	18.09	AV	297.00	100	Horizontal	Pass
3	4196.456	45.53	74.0	28.47	Peak	357.00	200	Horizontal	Pass
3**	4196.456	37.60	54.0	16.40	AV	357.00	200	Horizontal	Pass
4	7320.405	44.99	74.0	29.02	Peak	337.00	100	Horizontal	Pass
4**	7320.405	38.17	54.0	15.83	AV	337.00	100	Horizontal	Pass
5	12446.563	51.26	74.0	22.74	Peak	180.00	400	Horizontal	Pass
5**	12446.563	38.46	54.0	15.55	AV	180.00	400	Horizontal	Pass
6	15787.292	51.46	74.0	22.54	Peak	257.00	300	Horizontal	Pass
6**	15787.292	40.18	54.0	13.82	AV	257.00	300	Horizontal	Pass

11ax20(SU), 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	1487.945	36.54	74.0	37.46	Peak	276.00	100	Vertical	Pass
1**	1487.945	28.31	54.0	25.69	AV	276.00	100	Vertical	Pass
2	4137.627	47.62	74.0	26.38	Peak	95.00	300	Vertical	Pass
2**	4137.627	36.66	54.0	17.34	AV	95.00	300	Vertical	Pass
3	4567.260	50.58	74.0	23.42	Peak	110.00	200	Vertical	Pass
3**	4567.260	36.48	54.0	17.52	AV	110.00	200	Vertical	Pass
4	7317.594	45.76	74.0	28.24	Peak	259.00	100	Vertical	Pass
4**	7317.594	36.78	54.0	17.22	AV	259.00	100	Vertical	Pass
5	12526.564	47.63	74.0	26.37	Peak	297.00	400	Vertical	Pass
5**	12526.564	36.73	54.0	17.27	AV	297.00	400	Vertical	Pass
6	15833.107	48.88	74.0	25.12	Peak	118.00	300	Vertical	Pass
6**	15833.107	40.54	54.0	13.46	AV	118.00	300	Vertical	Pass

11ax20(SU), 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	1512.517	37.29	74.0	36.71	Peak	15.00	200	Horizontal	Pass
1**	1512.517	27.15	54.0	26.85	AV	15.00	200	Horizontal	Pass
2	2968.143	39.74	74.0	34.26	Peak	220.00	100	Horizontal	Pass
2**	2968.143	35.77	54.0	18.23	AV	220.00	100	Horizontal	Pass
3	4196.722	45.50	74.0	28.50	Peak	147.00	200	Horizontal	Pass
3**	4196.722	37.44	54.0	16.56	AV	147.00	200	Horizontal	Pass
4	7326.539	44.85	74.0	29.15	Peak	152.00	200	Horizontal	Pass
4**	7326.539	38.17	54.0	15.83	AV	152.00	200	Horizontal	Pass
5	12451.214	50.81	74.0	23.19	Peak	273.00	200	Horizontal	Pass
5**	12451.214	38.36	54.0	15.64	AV	273.00	200	Horizontal	Pass
6	15786.480	51.27	74.0	22.73	Peak	95.00	300	Horizontal	Pass
6**	15786.480	40.05	54.0	13.95	AV	95.00	300	Horizontal	Pass

11ax20(SU), 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	1486.823	36.29	74.0	37.71	Peak	128.00	300	Vertical	Pass
1**	1486.823	28.25	54.0	25.75	AV	128.00	300	Vertical	Pass
2	4138.143	47.44	74.0	26.56	Peak	239.00	100	Vertical	Pass
2**	4138.143	36.32	54.0	17.68	AV	239.00	100	Vertical	Pass
3	4565.897	50.51	74.0	23.49	Peak	142.00	200	Vertical	Pass
3**	4565.897	36.44	54.0	17.56	AV	142.00	200	Vertical	Pass
4	7321.532	45.51	74.0	28.49	Peak	52.00	100	Vertical	Pass
4**	7321.532	36.47	54.0	17.53	AV	52.00	100	Vertical	Pass
5	12527.836	47.48	74.0	26.53	Peak	227.00	100	Vertical	Pass
5**	12527.836	36.82	54.0	17.19	AV	227.00	100	Vertical	Pass
6	15836.081	48.47	74.0	25.53	Peak	99.00	100	Vertical	Pass
6**	15836.081	40.41	54.0	13.59	AV	99.00	100	Vertical	Pass

11ax20(SU), 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	1515.667	37.44	74.0	36.56	Peak	315.00	400	Horizontal	Pass
1**	1515.667	27.10	54.0	26.90	AV	315.00	400	Horizontal	Pass
2	2972.283	39.71	74.0	34.29	Peak	284.00	100	Horizontal	Pass
2**	2972.283	35.63	54.0	18.37	AV	284.00	100	Horizontal	Pass
3	4201.484	45.30	74.0	28.70	Peak	247.00	200	Horizontal	Pass
3**	4201.484	37.39	54.0	16.61	AV	247.00	200	Horizontal	Pass
4	7320.328	44.65	74.0	29.35	Peak	69.00	300	Horizontal	Pass
4**	7320.328	37.91	54.0	16.09	AV	69.00	300	Horizontal	Pass
5	12444.562	50.85	74.0	23.16	Peak	97.00	300	Horizontal	Pass
5**	12444.562	38.25	54.0	15.75	AV	97.00	300	Horizontal	Pass
6	15789.028	50.97	74.0	23.04	Peak	329.00	400	Horizontal	Pass
6**	15789.028	39.84	54.0	14.16	AV	329.00	400	Horizontal	Pass

11ax20(SU), 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	1484.829	36.20	74.0	37.80	Peak	110.00	300	Vertical	Pass
1**	1484.829	28.05	54.0	25.95	AV	110.00	300	Vertical	Pass
2	4139.678	47.27	74.0	26.73	Peak	247.00	300	Vertical	Pass
2**	4139.678	36.21	54.0	17.79	AV	247.00	300	Vertical	Pass
3	4566.432	50.11	74.0	23.89	Peak	184.00	200	Vertical	Pass
3**	4566.432	36.34	54.0	17.66	AV	184.00	200	Vertical	Pass
4	7316.070	45.39	74.0	28.61	Peak	173.00	100	Vertical	Pass
4**	7316.070	36.34	54.0	17.66	AV	173.00	100	Vertical	Pass
5	12527.311	47.06	74.0	26.94	Peak	323.00	400	Vertical	Pass
5**	12527.311	36.56	54.0	17.44	AV	323.00	400	Vertical	Pass
6	15835.064	48.41	74.0	25.59	Peak	188.00	300	Vertical	Pass
6**	15835.064	40.19	54.0	13.81	AV	188.00	300	Vertical	Pass

11ax40(SU), 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	1514.511	37.28	74.0	36.72	Peak	77.00	300	Horizontal	Pass
1**	1514.511	26.66	54.0	27.34	AV	77.00	300	Horizontal	Pass
2	2967.346	39.44	74.0	34.56	Peak	148.00	400	Horizontal	Pass
2**	2967.346	35.59	54.0	18.41	AV	148.00	400	Horizontal	Pass
3	4201.826	45.15	74.0	28.86	Peak	247.00	200	Horizontal	Pass
3**	4201.826	36.97	54.0	17.03	AV	247.00	200	Horizontal	Pass
4	7326.981	44.37	74.0	29.63	Peak	151.00	400	Horizontal	Pass
4**	7326.981	37.78	54.0	16.22	AV	151.00	400	Horizontal	Pass
5	12450.152	50.53	74.0	23.47	Peak	124.00	200	Horizontal	Pass
5**	12450.152	38.08	54.0	15.92	AV	124.00	200	Horizontal	Pass
6	15787.718	50.53	74.0	23.47	Peak	170.00	300	Horizontal	Pass
6**	15787.718	39.75	54.0	14.25	AV	170.00	300	Horizontal	Pass

11ax40(SU), 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	1487.282	36.03	74.0	37.97	Peak	316.00	200	Vertical	Pass
1**	1487.282	27.74	54.0	26.26	AV	316.00	200	Vertical	Pass
2	4136.327	47.07	74.0	26.93	Peak	122.00	200	Vertical	Pass
2**	4136.327	35.85	54.0	18.15	AV	122.00	200	Vertical	Pass
3	4568.483	50.28	74.0	23.72	Peak	179.00	200	Vertical	Pass
3**	4568.483	36.05	54.0	17.95	AV	179.00	200	Vertical	Pass
4	7317.258	45.21	74.0	28.79	Peak	172.00	300	Vertical	Pass
4**	7317.258	36.33	54.0	17.67	AV	172.00	300	Vertical	Pass
5	12526.924	46.86	74.0	27.14	Peak	73.00	300	Vertical	Pass
5**	12526.924	36.51	54.0	17.49	AV	73.00	300	Vertical	Pass
6	15834.621	48.06	74.0	25.94	Peak	335.00	200	Vertical	Pass
6**	15834.621	39.91	54.0	14.09	AV	335.00	200	Vertical	Pass

11ax40(SU), 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	1513.672	37.23	74.0	36.77	Peak	184.00	400	Horizontal	Pass
1**	1513.672	26.53	54.0	27.47	AV	184.00	400	Horizontal	Pass
2	2967.205	39.24	74.0	34.76	Peak	207.00	300	Horizontal	Pass
2**	2967.205	35.41	54.0	18.59	AV	207.00	300	Horizontal	Pass
3	4201.961	45.17	74.0	28.84	Peak	239.00	200	Horizontal	Pass
3**	4201.961	36.69	54.0	17.31	AV	239.00	200	Horizontal	Pass
4	7325.858	44.30	74.0	29.70	Peak	292.00	400	Horizontal	Pass
4**	7325.858	37.83	54.0	16.18	AV	292.00	400	Horizontal	Pass
5	12448.993	50.19	74.0	23.81	Peak	273.00	400	Horizontal	Pass
5**	12448.993	37.83	54.0	16.17	AV	273.00	400	Horizontal	Pass
6	15793.059	50.29	74.0	23.71	Peak	108.00	300	Horizontal	Pass
6**	15793.059	39.60	54.0	14.40	AV	108.00	300	Horizontal	Pass

11ax40(SU), 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	1482.454	35.91	74.0	38.09	Peak	201.00	400	Vertical	Pass
1**	1482.454	27.47	54.0	26.53	AV	201.00	400	Vertical	Pass
2	4135.957	47.08	74.0	26.92	Peak	111.00	400	Vertical	Pass
2**	4135.957	35.96	54.0	18.04	AV	111.00	400	Vertical	Pass
3	4563.357	50.08	74.0	23.92	Peak	259.00	200	Vertical	Pass
3**	4563.357	35.87	54.0	18.14	AV	259.00	200	Vertical	Pass
4	7315.586	44.92	74.0	29.08	Peak	66.00	200	Vertical	Pass
4**	7315.586	36.14	54.0	17.86	AV	66.00	200	Vertical	Pass
5	12527.961	46.73	74.0	27.27	Peak	167.00	400	Vertical	Pass
5**	12527.961	36.44	54.0	17.56	AV	167.00	400	Vertical	Pass
6	15839.151	47.90	74.0	26.10	Peak	326.00	200	Vertical	Pass
6**	15839.151	39.62	54.0	14.38	AV	326.00	200	Vertical	Pass

11ax40(SU), 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	1511.272	37.76	74.0	36.24	Peak	25.00	400	Horizontal	Pass
1**	1511.272	27.99	54.0	26.02	AV	25.00	400	Horizontal	Pass
2	2967.701	40.52	74.0	33.48	Peak	281.00	400	Horizontal	Pass
2**	2967.701	36.82	54.0	17.18	AV	281.00	400	Horizontal	Pass
3	4196.191	46.20	74.0	27.80	Peak	36.00	200	Horizontal	Pass
3**	4196.191	38.31	54.0	15.69	AV	36.00	200	Horizontal	Pass
4	7324.068	45.61	74.0	28.39	Peak	170.00	100	Horizontal	Pass
4**	7324.068	38.79	54.0	15.21	AV	170.00	100	Horizontal	Pass
5	12448.093	51.84	74.0	22.16	Peak	266.00	100	Horizontal	Pass
5**	12448.093	38.81	54.0	15.19	AV	266.00	100	Horizontal	Pass
6	15791.616	52.07	74.0	21.93	Peak	65.00	300	Horizontal	Pass
6**	15791.616	40.95	54.0	13.05	AV	65.00	300	Horizontal	Pass

11ax40(SU), 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	1481.284	37.11	74.0	36.89	Peak	304.00	200	Vertical	Pass
1**	1481.284	29.09	54.0	24.91	AV	304.00	200	Vertical	Pass
2	4139.305	48.50	74.0	25.50	Peak	287.00	200	Vertical	Pass
2**	4139.305	37.12	54.0	16.88	AV	287.00	200	Vertical	Pass
3	4561.511	51.08	74.0	22.92	Peak	294.00	200	Vertical	Pass
3**	4561.511	37.20	54.0	16.80	AV	294.00	200	Vertical	Pass
4	7317.576	46.48	74.0	27.52	Peak	201.00	100	Vertical	Pass
4**	7317.576	37.12	54.0	16.88	AV	201.00	100	Vertical	Pass
5	12525.525	48.18	74.0	25.82	Peak	84.00	300	Vertical	Pass
5**	12525.525	37.53	54.0	16.48	AV	84.00	300	Vertical	Pass
6	15840.870	49.45	74.0	24.55	Peak	69.00	400	Vertical	Pass
6**	15840.870	41.14	54.0	12.86	AV	69.00	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	1507.606	37.42	74.0	36.58	Peak	195.00	100	Horizontal	Pass
1**	1507.606	28.16	54.0	25.84	AV	195.00	100	Horizontal	Pass
2	4366.716	50.53	74.0	23.47	Peak	199.00	300	Horizontal	Pass
2**	4366.716	40.38	54.0	13.62	AV	199.00	300	Horizontal	Pass
3	4734.631	49.40	74.0	24.60	Peak	325.00	200	Horizontal	Pass
3**	4734.631	39.63	54.0	14.37	AV	325.00	200	Horizontal	Pass
4	7530.152	45.81	74.0	28.19	Peak	153.00	100	Horizontal	Pass
4**	7530.152	36.08	54.0	17.92	AV	153.00	100	Horizontal	Pass
5	12600.762	48.47	74.0	25.53	Peak	147.00	400	Horizontal	Pass
5**	12600.762	39.14	54.0	14.86	AV	147.00	400	Horizontal	Pass
6	15813.561	50.50	74.0	23.50	Peak	101.00	400	Horizontal	Pass
6**	15813.561	41.41	54.0	12.59	AV	101.00	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	1481.743	38.00	74.0	36.00	Peak	271.00	300	Vertical	Pass
1**	1481.743	28.02	54.0	25.98	AV	271.00	300	Vertical	Pass
2	4135.293	47.28	74.0	26.73	Peak	40.00	200	Vertical	Pass
2**	4135.293	39.01	54.0	14.99	AV	40.00	200	Vertical	Pass
3	4569.213	49.15	74.0	24.85	Peak	319.00	200	Vertical	Pass
3**	4569.213	38.84	54.0	15.16	AV	319.00	200	Vertical	Pass
4	7316.357	45.28	74.0	28.72	Peak	64.00	200	Vertical	Pass
4**	7316.357	35.93	54.0	18.08	AV	64.00	200	Vertical	Pass
5	12524.505	48.97	74.0	25.03	Peak	241.00	100	Vertical	Pass
5**	12524.505	38.96	54.0	15.04	AV	241.00	100	Vertical	Pass
6	15836.447	51.17	74.0	22.83	Peak	35.00	100	Vertical	Pass
6**	15836.447	41.39	54.0	12.61	AV	35.00	100	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	1507.280	37.41	74.0	36.59	Peak	147.00	400	Horizontal	Pass
1**	1507.280	28.10	54.0	25.90	AV	147.00	400	Horizontal	Pass
2	4361.294	50.47	74.0	23.53	Peak	191.00	200	Horizontal	Pass
2**	4361.294	40.22	54.0	13.78	AV	191.00	200	Horizontal	Pass
3	4731.896	49.13	74.0	24.87	Peak	40.00	200	Horizontal	Pass
3**	4731.896	39.62	54.0	14.38	AV	40.00	200	Horizontal	Pass
4	7532.305	45.76	74.0	28.24	Peak	197.00	300	Horizontal	Pass
4**	7532.305	35.89	54.0	18.12	AV	197.00	300	Horizontal	Pass
5	12596.907	48.30	74.0	25.71	Peak	296.00	200	Horizontal	Pass
5**	12596.907	38.99	54.0	15.01	AV	296.00	200	Horizontal	Pass
6	15808.819	50.35	74.0	23.65	Peak	102.00	100	Horizontal	Pass
6**	15808.819	41.34	54.0	12.66	AV	102.00	100	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	1486.100	37.90	74.0	36.10	Peak	186.00	300	Vertical	Pass
1**	1486.100	27.93	54.0	26.07	AV	186.00	300	Vertical	Pass
2	4134.902	47.15	74.0	26.85	Peak	18.00	400	Vertical	Pass
2**	4134.902	38.98	54.0	15.02	AV	18.00	400	Vertical	Pass
3	4569.172	49.09	74.0	24.91	Peak	328.00	200	Vertical	Pass
3**	4569.172	38.83	54.0	15.17	AV	328.00	200	Vertical	Pass
4	7319.937	44.99	74.0	29.01	Peak	163.00	400	Vertical	Pass
4**	7319.937	35.69	54.0	18.31	AV	163.00	400	Vertical	Pass
5	12523.523	48.86	74.0	25.14	Peak	181.00	100	Vertical	Pass
5**	12523.523	38.71	54.0	15.29	AV	181.00	100	Vertical	Pass
6	15838.745	50.99	74.0	23.02	Peak	139.00	200	Vertical	Pass
6**	15838.745	41.11	54.0	12.89	AV	139.00	200	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	1506.926	37.24	74.0	36.76	Peak	82.00	400	Horizontal	Pass
1**	1506.926	27.86	54.0	26.15	AV	82.00	400	Horizontal	Pass
2	4360.867	50.33	74.0	23.67	Peak	311.00	200	Horizontal	Pass
2**	4360.867	40.04	54.0	13.96	AV	311.00	200	Horizontal	Pass
3	4730.483	48.96	74.0	25.04	Peak	44.00	200	Horizontal	Pass
3**	4730.483	39.51	54.0	14.49	AV	44.00	200	Horizontal	Pass
4	7532.449	45.70	74.0	28.30	Peak	113.00	100	Horizontal	Pass
4**	7532.449	35.68	54.0	18.32	AV	113.00	100	Horizontal	Pass
5	12599.873	48.24	74.0	25.76	Peak	144.00	100	Horizontal	Pass
5**	12599.873	38.91	54.0	15.09	AV	144.00	100	Horizontal	Pass
6	15812.072	50.33	74.0	23.68	Peak	320.00	200	Horizontal	Pass
6**	15812.072	41.21	54.0	12.79	AV	320.00	200	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	1487.673	37.86	74.0	36.14	Peak	77.00	100	Vertical	Pass
1**	1487.673	27.82	54.0	26.18	AV	77.00	100	Vertical	Pass
2	4137.163	47.06	74.0	26.94	Peak	138.00	100	Vertical	Pass
2**	4137.163	38.80	54.0	15.20	AV	138.00	100	Vertical	Pass
3	4564.716	48.85	74.0	25.15	Peak	158.00	200	Vertical	Pass
3**	4564.716	38.78	54.0	15.22	AV	158.00	200	Vertical	Pass
4	7316.798	44.93	74.0	29.08	Peak	307.00	300	Vertical	Pass
4**	7316.798	35.54	54.0	18.46	AV	307.00	300	Vertical	Pass
5	12525.616	48.80	74.0	25.20	Peak	74.00	200	Vertical	Pass
5**	12525.616	38.56	54.0	15.44	AV	74.00	200	Vertical	Pass
6	15834.349	50.88	74.0	23.12	Peak	163.00	400	Vertical	Pass
6**	15834.349	41.10	54.0	12.90	AV	163.00	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	1512.400	37.22	74.0	36.79	Peak	275.00	200	Horizontal	Pass
1**	1512.400	27.60	54.0	26.40	AV	275.00	200	Horizontal	Pass
2	4360.313	50.08	74.0	23.92	Peak	70.00	200	Horizontal	Pass
2**	4360.313	39.86	54.0	14.14	AV	70.00	200	Horizontal	Pass
3	4737.376	48.84	74.0	25.17	Peak	289.00	200	Horizontal	Pass
3**	4737.376	39.40	54.0	14.60	AV	289.00	200	Horizontal	Pass
4	7532.271	45.40	74.0	28.60	Peak	96.00	200	Horizontal	Pass
4**	7532.271	35.60	54.0	18.40	AV	96.00	200	Horizontal	Pass
5	12600.726	48.13	74.0	25.87	Peak	84.00	400	Horizontal	Pass
5**	12600.726	38.69	54.0	15.31	AV	84.00	400	Horizontal	Pass
6	15809.723	50.31	74.0	23.69	Peak	340.00	300	Horizontal	Pass
6**	15809.723	41.05	54.0	12.95	AV	340.00	300	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	1487.858	37.63	74.0	36.37	Peak	188.00	400	Vertical	Pass
1**	1487.858	27.79	54.0	26.21	AV	188.00	400	Vertical	Pass
2	4140.184	46.97	74.0	27.03	Peak	266.00	300	Vertical	Pass
2**	4140.184	38.72	54.0	15.28	AV	266.00	300	Vertical	Pass
3	4567.707	48.84	74.0	25.16	Peak	285.00	200	Vertical	Pass
3**	4567.707	38.56	54.0	15.44	AV	285.00	200	Vertical	Pass
4	7320.301	44.65	74.0	29.35	Peak	174.00	400	Vertical	Pass
4**	7320.301	35.25	54.0	18.76	AV	174.00	400	Vertical	Pass
5	12521.205	48.60	74.0	25.40	Peak	305.00	300	Vertical	Pass
5**	12521.205	38.53	54.0	15.47	AV	305.00	300	Vertical	Pass
6	15839.307	50.62	74.0	23.38	Peak	78.00	200	Vertical	Pass
6**	15839.307	40.96	54.0	13.04	AV	78.00	200	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	1509.525	37.15	74.0	36.85	Peak	49.00	100	Horizontal	Pass
1**	1509.525	27.44	54.0	26.56	AV	49.00	100	Horizontal	Pass
2	4366.073	49.93	74.0	24.07	Peak	109.00	200	Horizontal	Pass
2**	4366.073	39.67	54.0	14.33	AV	109.00	200	Horizontal	Pass
3	4733.673	48.58	74.0	25.42	Peak	175.00	200	Horizontal	Pass
3**	4733.673	39.11	54.0	14.89	AV	175.00	200	Horizontal	Pass
4	7534.425	45.36	74.0	28.64	Peak	254.00	100	Horizontal	Pass
4**	7534.425	35.46	54.0	18.54	AV	254.00	100	Horizontal	Pass
5	12596.576	47.96	74.0	26.04	Peak	271.00	400	Horizontal	Pass
5**	12596.576	38.60	54.0	15.40	AV	271.00	400	Horizontal	Pass
6	15810.540	50.02	74.0	23.99	Peak	314.00	200	Horizontal	Pass
6**	15810.540	41.04	54.0	12.96	AV	314.00	200	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	1485.922	37.54	74.0	36.46	Peak	33.00	100	Vertical	Pass
1**	1485.922	27.69	54.0	26.31	AV	33.00	100	Vertical	Pass
2	4136.669	46.82	74.0	27.18	Peak	240.00	200	Vertical	Pass
2**	4136.669	38.68	54.0	15.32	AV	240.00	200	Vertical	Pass
3	4564.502	48.83	74.0	25.17	Peak	350.00	200	Vertical	Pass
3**	4564.502	38.42	54.0	15.58	AV	350.00	200	Vertical	Pass
4	7318.184	44.56	74.0	29.44	Peak	99.00	100	Vertical	Pass
4**	7318.184	35.09	54.0	18.91	AV	99.00	100	Vertical	Pass
5	12521.533	48.44	74.0	25.56	Peak	105.00	200	Vertical	Pass
5**	12521.533	38.41	54.0	15.59	AV	105.00	200	Vertical	Pass
6	15836.918	50.62	74.0	23.38	Peak	30.00	300	Vertical	Pass
6**	15836.918	40.81	54.0	13.19	AV	30.00	300	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	1507.021	36.95	74.0	37.05	Peak	23.00	200	Horizontal	Pass
1**	1507.021	27.37	54.0	26.63	AV	23.00	200	Horizontal	Pass
2	4364.469	49.83	74.0	24.17	Peak	294.00	100	Horizontal	Pass
2**	4364.469	39.51	54.0	14.49	AV	294.00	100	Horizontal	Pass
3	4737.554	48.50	74.0	25.50	Peak	75.00	200	Horizontal	Pass
3**	4737.554	38.86	54.0	15.14	AV	75.00	200	Horizontal	Pass
4	7534.081	45.17	74.0	28.83	Peak	22.00	100	Horizontal	Pass
4**	7534.081	35.32	54.0	18.68	AV	22.00	100	Horizontal	Pass
5	12601.896	47.80	74.0	26.20	Peak	55.00	200	Horizontal	Pass
5**	12601.896	38.38	54.0	15.62	AV	55.00	200	Horizontal	Pass
6	15810.615	49.90	74.0	24.10	Peak	16.00	300	Horizontal	Pass
6**	15810.615	40.91	54.0	13.09	AV	16.00	300	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	1486.561	37.29	74.0	36.71	Peak	176.00	300	Vertical	Pass
1**	1486.561	27.41	54.0	26.60	AV	176.00	300	Vertical	Pass
2	4138.350	46.59	74.0	27.41	Peak	63.00	200	Vertical	Pass
2**	4138.350	38.65	54.0	15.35	AV	63.00	200	Vertical	Pass
3	4567.828	48.74	74.0	25.26	Peak	255.00	200	Vertical	Pass
3**	4567.828	38.28	54.0	15.72	AV	255.00	200	Vertical	Pass
4	7320.569	44.36	74.0	29.64	Peak	347.00	400	Vertical	Pass
4**	7320.569	34.91	54.0	19.09	AV	347.00	400	Vertical	Pass
5	12522.616	48.32	74.0	25.68	Peak	168.00	100	Vertical	Pass
5**	12522.616	38.31	54.0	15.69	AV	168.00	100	Vertical	Pass
6	15835.599	50.61	74.0	23.39	Peak	57.00	100	Vertical	Pass
6**	15835.599	40.65	54.0	13.35	AV	57.00	100	Vertical	Pass

11n40, 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	1512.411	36.92	74.0	37.08	Peak	145.00	400	Horizontal	Pass
1**	1512.411	27.21	54.0	26.79	AV	145.00	400	Horizontal	Pass
2	4361.772	49.80	74.0	24.20	Peak	244.00	300	Horizontal	Pass
2**	4361.772	39.35	54.0	14.65	AV	244.00	300	Horizontal	Pass
3	4730.207	48.41	74.0	25.60	Peak	40.00	200	Horizontal	Pass
3**	4730.207	38.64	54.0	15.36	AV	40.00	200	Horizontal	Pass
4	7530.017	45.01	74.0	28.99	Peak	62.00	400	Horizontal	Pass
4**	7530.017	35.13	54.0	18.87	AV	62.00	400	Horizontal	Pass
5	12595.921	47.78	74.0	26.22	Peak	274.00	400	Horizontal	Pass
5**	12595.921	38.18	54.0	15.82	AV	274.00	400	Horizontal	Pass
6	15808.313	49.63	74.0	24.37	Peak	348.00	200	Horizontal	Pass
6**	15808.313	40.63	54.0	13.38	AV	348.00	200	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	1482.693	37.22	74.0	36.78	Peak	333.00	100	Vertical	Pass
1**	1482.693	27.30	54.0	26.70	AV	333.00	100	Vertical	Pass
2	4135.868	46.30	74.0	27.70	Peak	109.00	200	Vertical	Pass
2**	4135.868	38.41	54.0	15.59	AV	109.00	200	Vertical	Pass
3	4563.022	48.45	74.0	25.55	Peak	60.00	200	Vertical	Pass
3**	4563.022	38.17	54.0	15.83	AV	60.00	200	Vertical	Pass
4	7320.003	44.13	74.0	29.87	Peak	170.00	400	Vertical	Pass
4**	7320.003	34.65	54.0	19.35	AV	170.00	400	Vertical	Pass
5	12524.047	48.05	74.0	25.96	Peak	277.00	400	Vertical	Pass
5**	12524.047	38.10	54.0	15.90	AV	277.00	400	Vertical	Pass
6	15838.813	50.39	74.0	23.61	Peak	113.00	100	Vertical	Pass
6**	15838.813	40.63	54.0	13.37	AV	113.00	100	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	1511.513	37.39	74.0	36.61	Peak	190.00	100	Horizontal	Pass
1**	1511.513	28.03	54.0	25.97	AV	190.00	100	Horizontal	Pass
2	4363.748	50.49	74.0	23.51	Peak	294.00	400	Horizontal	Pass
2**	4363.748	40.25	54.0	13.76	AV	294.00	400	Horizontal	Pass
3	4737.807	49.18	74.0	24.82	Peak	141.00	200	Horizontal	Pass
3**	4737.807	39.53	54.0	14.47	AV	141.00	200	Horizontal	Pass
4	7530.303	45.73	74.0	28.27	Peak	179.00	300	Horizontal	Pass
4**	7530.303	36.02	54.0	17.98	AV	179.00	300	Horizontal	Pass
5	12602.710	48.44	74.0	25.56	Peak	104.00	100	Horizontal	Pass
5**	12602.710	38.92	54.0	15.08	AV	104.00	100	Horizontal	Pass
6	15812.192	50.28	74.0	23.73	Peak	256.00	200	Horizontal	Pass
6**	15812.192	41.18	54.0	12.82	AV	256.00	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	1487.421	37.72	74.0	36.28	Peak	60.00	100	Vertical	Pass
1**	1487.421	27.92	54.0	26.08	AV	60.00	100	Vertical	Pass
2	4140.332	47.06	74.0	26.94	Peak	341.00	100	Vertical	Pass
2**	4140.332	38.81	54.0	15.19	AV	341.00	100	Vertical	Pass
3	4561.520	49.00	74.0	25.00	Peak	247.00	200	Vertical	Pass
3**	4561.520	38.66	54.0	15.34	AV	247.00	200	Vertical	Pass
4	7318.176	45.03	74.0	28.98	Peak	353.00	100	Vertical	Pass
4**	7318.176	35.63	54.0	18.37	AV	353.00	100	Vertical	Pass
5	12526.363	48.78	74.0	25.23	Peak	105.00	300	Vertical	Pass
5**	12526.363	38.94	54.0	15.06	AV	105.00	300	Vertical	Pass
6	15839.374	50.97	74.0	23.03	Peak	205.00	300	Vertical	Pass
6**	15839.374	41.22	54.0	12.78	AV	205.00	300	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	1513.432	37.23	74.0	36.77	Peak	324.00	300	Horizontal	Pass
1**	1513.432	27.94	54.0	26.06	AV	324.00	300	Horizontal	Pass
2	4363.129	50.29	74.0	23.71	Peak	169.00	300	Horizontal	Pass
2**	4363.129	40.02	54.0	13.98	AV	169.00	300	Horizontal	Pass
3	4733.823	49.02	74.0	24.98	Peak	284.00	200	Horizontal	Pass
3**	4733.823	39.58	54.0	14.42	AV	284.00	200	Horizontal	Pass
4	7531.387	45.76	74.0	28.25	Peak	275.00	100	Horizontal	Pass
4**	7531.387	35.72	54.0	18.28	AV	275.00	100	Horizontal	Pass
5	12599.607	48.24	74.0	25.77	Peak	197.00	200	Horizontal	Pass
5**	12599.607	38.97	54.0	15.03	AV	197.00	200	Horizontal	Pass
6	15807.928	50.28	74.0	23.73	Peak	120.00	200	Horizontal	Pass
6**	15807.928	41.15	54.0	12.85	AV	120.00	200	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	1481.063	37.74	74.0	36.26	Peak	353.00	300	Vertical	Pass
1**	1481.063	27.92	54.0	26.08	AV	353.00	300	Vertical	Pass
2	4140.165	46.90	74.0	27.10	Peak	217.00	400	Vertical	Pass
2**	4140.165	38.71	54.0	15.29	AV	217.00	400	Vertical	Pass
3	4568.676	48.90	74.0	25.10	Peak	10.00	200	Vertical	Pass
3**	4568.676	38.79	54.0	15.21	AV	10.00	200	Vertical	Pass
4	7319.167	44.72	74.0	29.28	Peak	52.00	100	Vertical	Pass
4**	7319.167	35.55	54.0	18.45	AV	52.00	100	Vertical	Pass
5	12522.842	48.85	74.0	25.15	Peak	11.00	100	Vertical	Pass
5**	12522.842	38.62	54.0	15.38	AV	11.00	100	Vertical	Pass
6	15834.418	50.75	74.0	23.25	Peak	33.00	300	Vertical	Pass
6**	15834.418	41.09	54.0	12.91	AV	33.00	300	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	1513.526	37.15	74.0	36.85	Peak	167.00	300	Horizontal	Pass
1**	1513.526	27.57	54.0	26.43	AV	167.00	300	Horizontal	Pass
2	4365.819	50.14	74.0	23.86	Peak	52.00	400	Horizontal	Pass
2**	4365.819	39.75	54.0	14.25	AV	52.00	400	Horizontal	Pass
3	4733.104	48.78	74.0	25.22	Peak	259.00	200	Horizontal	Pass
3**	4733.104	39.48	54.0	14.52	AV	259.00	200	Horizontal	Pass
4	7535.755	45.50	74.0	28.50	Peak	313.00	300	Horizontal	Pass
4**	7535.755	35.54	54.0	18.46	AV	313.00	300	Horizontal	Pass
5	12595.775	47.97	74.0	26.03	Peak	278.00	400	Horizontal	Pass
5**	12595.775	38.88	54.0	15.12	AV	278.00	400	Horizontal	Pass
6	15806.252	50.22	74.0	23.78	Peak	45.00	200	Horizontal	Pass
6**	15806.252	41.02	54.0	12.98	AV	45.00	200	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	1487.686	37.61	74.0	36.39	Peak	223.00	100	Vertical	Pass
1**	1487.686	27.75	54.0	26.26	AV	223.00	100	Vertical	Pass
2	4134.736	46.95	74.0	27.05	Peak	126.00	400	Vertical	Pass
2**	4134.736	38.77	54.0	15.23	AV	126.00	400	Vertical	Pass
3	4566.947	48.81	74.0	25.19	Peak	112.00	200	Vertical	Pass
3**	4566.947	38.65	54.0	15.35	AV	112.00	200	Vertical	Pass
4	7320.508	44.63	74.0	29.37	Peak	72.00	300	Vertical	Pass
4**	7320.508	35.52	54.0	18.48	AV	72.00	300	Vertical	Pass
5	12522.162	48.58	74.0	25.42	Peak	241.00	300	Vertical	Pass
5**	12522.162	38.51	54.0	15.49	AV	241.00	300	Vertical	Pass
6	15834.097	50.60	74.0	23.41	Peak	273.00	400	Vertical	Pass
6**	15834.097	40.90	54.0	13.10	AV	273.00	400	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	1514.240	37.18	74.0	36.82	Peak	262.00	400	Horizontal	Pass
1**	1514.240	27.51	54.0	26.49	AV	262.00	400	Horizontal	Pass
2	4365.713	49.95	74.0	24.05	Peak	342.00	100	Horizontal	Pass
2**	4365.713	39.59	54.0	14.41	AV	342.00	100	Horizontal	Pass
3	4733.168	48.60	74.0	25.40	Peak	271.00	200	Horizontal	Pass
3**	4733.168	39.37	54.0	14.64	AV	271.00	200	Horizontal	Pass
4	7531.826	45.40	74.0	28.60	Peak	170.00	100	Horizontal	Pass
4**	7531.826	35.53	54.0	18.47	AV	170.00	100	Horizontal	Pass
5	12597.432	48.02	74.0	25.98	Peak	123.00	300	Horizontal	Pass
5**	12597.432	38.64	54.0	15.36	AV	123.00	300	Horizontal	Pass
6	15811.796	50.31	74.0	23.69	Peak	222.00	400	Horizontal	Pass
6**	15811.796	40.86	54.0	13.14	AV	222.00	400	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	1482.970	37.35	74.0	36.65	Peak	317.00	400	Vertical	Pass
1**	1482.970	27.54	54.0	26.46	AV	317.00	400	Vertical	Pass
2	4137.293	46.82	74.0	27.18	Peak	299.00	400	Vertical	Pass
2**	4137.293	38.60	54.0	15.41	AV	299.00	400	Vertical	Pass
3	4562.003	48.70	74.0	25.30	Peak	357.00	200	Vertical	Pass
3**	4562.003	38.54	54.0	15.46	AV	357.00	200	Vertical	Pass
4	7315.778	44.46	74.0	29.54	Peak	331.00	300	Vertical	Pass
4**	7315.778	35.15	54.0	18.85	AV	331.00	300	Vertical	Pass
5	12525.491	48.57	74.0	25.43	Peak	39.00	100	Vertical	Pass
5**	12525.491	38.45	54.0	15.55	AV	39.00	100	Vertical	Pass
6	15837.559	50.45	74.0	23.55	Peak	289.00	200	Vertical	Pass
6**	15837.559	40.95	54.0	13.05	AV	289.00	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	1508.809	37.11	74.0	36.89	Peak	149.00	300	Horizontal	Pass
1**	1508.809	27.32	54.0	26.68	AV	149.00	300	Horizontal	Pass
2	4362.759	49.73	74.0	24.27	Peak	286.00	400	Horizontal	Pass
2**	4362.759	39.66	54.0	14.34	AV	286.00	400	Horizontal	Pass
3	4731.975	48.47	74.0	25.53	Peak	301.00	200	Horizontal	Pass
3**	4731.975	38.89	54.0	15.11	AV	301.00	200	Horizontal	Pass
4	7534.639	45.24	74.0	28.76	Peak	286.00	100	Horizontal	Pass
4**	7534.639	35.43	54.0	18.57	AV	286.00	100	Horizontal	Pass
5	12599.786	47.87	74.0	26.13	Peak	202.00	100	Horizontal	Pass
5**	12599.786	38.35	54.0	15.65	AV	202.00	100	Horizontal	Pass
6	15807.699	49.90	74.0	24.10	Peak	157.00	100	Horizontal	Pass
6**	15807.699	40.80	54.0	13.20	AV	157.00	100	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	1480.615	37.53	74.0	36.47	Peak	224.00	200	Vertical	Pass
1**	1480.615	27.49	54.0	26.51	AV	224.00	200	Vertical	Pass
2	4132.505	46.77	74.0	27.23	Peak	66.00	300	Vertical	Pass
2**	4132.505	38.57	54.0	15.43	AV	66.00	300	Vertical	Pass
3	4565.367	48.56	74.0	25.44	Peak	217.00	200	Vertical	Pass
3**	4565.367	38.12	54.0	15.88	AV	217.00	200	Vertical	Pass
4	7322.204	44.37	74.0	29.63	Peak	184.00	100	Vertical	Pass
4**	7322.204	35.03	54.0	18.97	AV	184.00	100	Vertical	Pass
5	12524.472	48.17	74.0	25.83	Peak	87.00	100	Vertical	Pass
5**	12524.472	38.38	54.0	15.62	AV	87.00	100	Vertical	Pass
6	15837.491	50.36	74.0	23.64	Peak	223.00	300	Vertical	Pass
6**	15837.491	40.73	54.0	13.27	AV	223.00	300	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	1508.508	36.80	74.0	37.20	Peak	211.00	100	Horizontal	Pass
1**	1508.508	27.13	54.0	26.87	AV	211.00	100	Horizontal	Pass
2	4360.291	49.69	74.0	24.31	Peak	22.00	200	Horizontal	Pass
2**	4360.291	39.26	54.0	14.74	AV	22.00	200	Horizontal	Pass
3	4731.900	48.40	74.0	25.61	Peak	177.00	200	Horizontal	Pass
3**	4731.900	38.79	54.0	15.21	AV	177.00	200	Horizontal	Pass
4	7535.599	45.13	74.0	28.87	Peak	336.00	100	Horizontal	Pass
4**	7535.599	35.29	54.0	18.71	AV	336.00	100	Horizontal	Pass
5	12597.755	47.75	74.0	26.25	Peak	332.00	200	Horizontal	Pass
5**	12597.755	38.33	54.0	15.67	AV	332.00	200	Horizontal	Pass
6	15812.531	49.89	74.0	24.11	Peak	331.00	300	Horizontal	Pass
6**	15812.531	40.65	54.0	13.35	AV	331.00	300	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	1481.821	37.13	74.0	36.87	Peak	20.00	400	Vertical	Pass
1**	1481.821	27.16	54.0	26.84	AV	20.00	400	Vertical	Pass
2	4140.248	46.32	74.0	27.68	Peak	128.00	300	Vertical	Pass
2**	4140.248	38.55	54.0	15.46	AV	128.00	300	Vertical	Pass
3	4561.893	48.54	74.0	25.46	Peak	129.00	200	Vertical	Pass
3**	4561.893	37.99	54.0	16.01	AV	129.00	200	Vertical	Pass
4	7319.979	44.13	74.0	29.88	Peak	83.00	200	Vertical	Pass
4**	7319.979	34.63	54.0	19.37	AV	83.00	200	Vertical	Pass
5	12526.875	48.03	74.0	25.97	Peak	319.00	200	Vertical	Pass
5**	12526.875	38.24	54.0	15.76	AV	319.00	200	Vertical	Pass
6	15838.892	50.43	74.0	23.57	Peak	98.00	100	Vertical	Pass
6**	15838.892	40.65	54.0	13.35	AV	98.00	100	Vertical	Pass

11ax20(SU), 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	1517.477	37.64	74.0	36.36	Peak	44.00	400	Horizontal	Pass
1**	1517.477	31.14	54.0	22.86	AV	44.00	400	Horizontal	Pass
2	2973.748	43.13	74.0	30.87	Peak	164.00	200	Horizontal	Pass
2**	2973.748	35.32	54.0	18.68	AV	164.00	200	Horizontal	Pass
3	4197.240	48.28	74.0	25.72	Peak	72.00	200	Horizontal	Pass
3**	4197.240	40.02	54.0	13.98	AV	72.00	200	Horizontal	Pass
4	7326.034	45.65	74.0	28.35	Peak	337.00	300	Horizontal	Pass
4**	7326.034	37.46	54.0	16.54	AV	337.00	300	Horizontal	Pass
5	12444.876	49.19	74.0	24.81	Peak	56.00	400	Horizontal	Pass
5**	12444.876	39.89	54.0	14.12	AV	56.00	400	Horizontal	Pass
6	15787.421	51.56	74.0	22.44	Peak	20.00	300	Horizontal	Pass
6**	15787.421	39.94	54.0	14.07	AV	20.00	300	Horizontal	Pass

11ax20(SU), 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	1484.602	37.77	74.0	36.23	Peak	26.00	300	Vertical	Pass
1**	1484.602	27.51	54.0	26.49	AV	26.00	300	Vertical	Pass
2	4137.650	47.20	74.0	26.80	Peak	91.00	300	Vertical	Pass
2**	4137.650	38.93	54.0	15.07	AV	91.00	300	Vertical	Pass
3	4563.727	49.01	74.0	24.99	Peak	283.00	200	Vertical	Pass
3**	4563.727	38.54	54.0	15.46	AV	283.00	200	Vertical	Pass
4	7320.639	45.22	74.0	28.79	Peak	71.00	300	Vertical	Pass
4**	7320.639	35.75	54.0	18.25	AV	71.00	300	Vertical	Pass
5	12521.207	48.69	74.0	25.31	Peak	124.00	100	Vertical	Pass
5**	12521.207	38.95	54.0	15.05	AV	124.00	100	Vertical	Pass
6	15840.163	51.08	74.0	22.92	Peak	79.00	100	Vertical	Pass
6**	15840.163	39.60	54.0	14.40	AV	79.00	100	Vertical	Pass

11ax20(SU), 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	1512.976	37.58	74.0	36.42	Peak	250.00	400	Horizontal	Pass
1**	1512.976	30.98	54.0	23.02	AV	250.00	400	Horizontal	Pass
2	2971.465	42.97	74.0	31.03	Peak	201.00	200	Horizontal	Pass
2**	2971.465	34.86	54.0	19.14	AV	201.00	200	Horizontal	Pass
3	4198.817	47.89	74.0	26.12	Peak	128.00	200	Horizontal	Pass
3**	4198.817	39.74	54.0	14.26	AV	128.00	200	Horizontal	Pass
4	7320.312	45.52	74.0	28.48	Peak	146.00	100	Horizontal	Pass
4**	7320.312	37.35	54.0	16.66	AV	146.00	100	Horizontal	Pass
5	12447.185	48.81	74.0	25.20	Peak	200.00	100	Horizontal	Pass
5**	12447.185	39.64	54.0	14.36	AV	200.00	100	Horizontal	Pass
6	15787.644	51.29	74.0	22.71	Peak	19.00	300	Horizontal	Pass
6**	15787.644	39.68	54.0	14.32	AV	19.00	300	Horizontal	Pass

11ax20(SU), 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	1485.900	37.74	74.0	36.26	Peak	204.00	200	Vertical	Pass
1**	1485.900	27.38	54.0	26.62	AV	204.00	200	Vertical	Pass
2	4138.618	46.97	74.0	27.03	Peak	132.00	300	Vertical	Pass
2**	4138.618	38.81	54.0	15.19	AV	132.00	300	Vertical	Pass
3	4567.567	49.01	74.0	24.99	Peak	193.00	200	Vertical	Pass
3**	4567.567	38.30	54.0	15.70	AV	193.00	200	Vertical	Pass
4	7318.715	44.74	74.0	29.27	Peak	62.00	100	Vertical	Pass
4**	7318.715	35.39	54.0	18.61	AV	62.00	100	Vertical	Pass
5	12522.031	48.53	74.0	25.47	Peak	222.00	100	Vertical	Pass
5**	12522.031	38.55	54.0	15.45	AV	222.00	100	Vertical	Pass
6	15840.586	50.97	74.0	23.03	Peak	49.00	400	Vertical	Pass
6**	15840.586	39.33	54.0	14.67	AV	49.00	400	Vertical	Pass

11ax20(SU), 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	1515.659	37.24	74.0	36.76	Peak	290.00	200	Horizontal	Pass
1**	1515.659	30.92	54.0	23.08	AV	290.00	200	Horizontal	Pass
2	2969.037	42.78	74.0	31.22	Peak	73.00	400	Horizontal	Pass
2**	2969.037	34.80	54.0	19.20	AV	73.00	400	Horizontal	Pass
3	4195.620	47.74	74.0	26.26	Peak	288.00	200	Horizontal	Pass
3**	4195.620	39.68	54.0	14.32	AV	288.00	200	Horizontal	Pass
4	7326.730	45.37	74.0	28.63	Peak	89.00	300	Horizontal	Pass
4**	7326.730	37.17	54.0	16.83	AV	89.00	300	Horizontal	Pass
5	12448.951	48.79	74.0	25.22	Peak	52.00	100	Horizontal	Pass
5**	12448.951	39.74	54.0	14.26	AV	52.00	100	Horizontal	Pass
6	15790.934	51.19	74.0	22.81	Peak	94.00	300	Horizontal	Pass
6**	15790.934	39.62	54.0	14.38	AV	94.00	300	Horizontal	Pass

11ax20(SU), 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	1485.629	37.40	74.0	36.60	Peak	340.00	100	Vertical	Pass
1**	1485.629	27.35	54.0	26.65	AV	340.00	100	Vertical	Pass
2	4133.099	46.84	74.0	27.16	Peak	252.00	300	Vertical	Pass
2**	4133.099	38.41	54.0	15.59	AV	252.00	300	Vertical	Pass
3	4564.542	48.55	74.0	25.45	Peak	10.00	200	Vertical	Pass
3**	4564.542	38.19	54.0	15.81	AV	10.00	200	Vertical	Pass
4	7322.601	44.82	74.0	29.18	Peak	51.00	400	Vertical	Pass
4**	7322.601	35.25	54.0	18.75	AV	51.00	400	Vertical	Pass
5	12528.303	48.26	74.0	25.74	Peak	120.00	200	Vertical	Pass
5**	12528.303	38.59	54.0	15.41	AV	120.00	200	Vertical	Pass
6	15838.134	50.71	74.0	23.29	Peak	286.00	200	Vertical	Pass
6**	15838.134	39.08	54.0	14.92	AV	286.00	200	Vertical	Pass

11ax40(SU), 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	1517.380	37.25	74.0	36.75	Peak	305.00	100	Horizontal	Pass
1**	1517.380	30.56	54.0	23.44	AV	305.00	100	Horizontal	Pass
2	2967.484	42.54	74.0	31.46	Peak	179.00	400	Horizontal	Pass
2**	2967.484	34.39	54.0	19.61	AV	179.00	400	Horizontal	Pass
3	4202.448	47.63	74.0	26.38	Peak	340.00	200	Horizontal	Pass
3**	4202.448	39.70	54.0	14.30	AV	340.00	200	Horizontal	Pass
4	7324.963	45.37	74.0	28.63	Peak	214.00	400	Horizontal	Pass
4**	7324.963	37.20	54.0	16.81	AV	214.00	400	Horizontal	Pass
5	12446.910	48.56	74.0	25.44	Peak	273.00	400	Horizontal	Pass
5**	12446.910	39.33	54.0	14.67	AV	273.00	400	Horizontal	Pass
6	15790.047	50.99	74.0	23.01	Peak	277.00	300	Horizontal	Pass
6**	15790.047	39.35	54.0	14.65	AV	277.00	300	Horizontal	Pass

11ax40(SU), 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	1482.849	37.12	74.0	36.88	Peak	237.00	300	Vertical	Pass
1**	1482.849	27.16	54.0	26.84	AV	237.00	300	Vertical	Pass
2	4135.749	46.79	74.0	27.21	Peak	156.00	200	Vertical	Pass
2**	4135.749	38.56	54.0	15.45	AV	156.00	200	Vertical	Pass
3	4563.429	48.55	74.0	25.46	Peak	149.00	200	Vertical	Pass
3**	4563.429	38.06	54.0	15.94	AV	149.00	200	Vertical	Pass
4	7319.397	44.64	74.0	29.36	Peak	93.00	300	Vertical	Pass
4**	7319.397	35.19	54.0	18.81	AV	93.00	300	Vertical	Pass
5	12525.135	48.10	74.0	25.90	Peak	272.00	400	Vertical	Pass
5**	12525.135	38.27	54.0	15.73	AV	272.00	400	Vertical	Pass
6	15835.767	50.59	74.0	23.41	Peak	94.00	300	Vertical	Pass
6**	15835.767	39.04	54.0	14.96	AV	94.00	300	Vertical	Pass

11ax40(SU), 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	1516.122	37.37	74.0	36.63	Peak	251.00	300	Horizontal	Pass
1**	1516.122	30.41	54.0	23.59	AV	251.00	300	Horizontal	Pass
2	2971.520	42.26	74.0	31.74	Peak	265.00	100	Horizontal	Pass
2**	2971.520	34.53	54.0	19.47	AV	265.00	100	Horizontal	Pass
3	4198.952	47.65	74.0	26.35	Peak	184.00	200	Horizontal	Pass
3**	4198.952	39.35	54.0	14.65	AV	184.00	200	Horizontal	Pass
4	7326.147	45.18	74.0	28.83	Peak	92.00	300	Horizontal	Pass
4**	7326.147	37.00	54.0	17.01	AV	92.00	300	Horizontal	Pass
5	12447.801	48.51	74.0	25.49	Peak	74.00	300	Horizontal	Pass
5**	12447.801	39.57	54.0	14.43	AV	74.00	300	Horizontal	Pass
6	15792.445	51.18	74.0	22.82	Peak	71.00	400	Horizontal	Pass
6**	15792.445	39.20	54.0	14.80	AV	71.00	400	Horizontal	Pass

11ax40(SU), 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	1480.814	36.94	74.0	37.06	Peak	314.00	100	Vertical	Pass
1**	1480.814	26.99	54.0	27.01	AV	314.00	100	Vertical	Pass
2	4136.535	46.64	74.0	27.36	Peak	1.00	300	Vertical	Pass
2**	4136.535	38.37	54.0	15.63	AV	1.00	300	Vertical	Pass
3	4561.977	48.68	74.0	25.32	Peak	265.00	200	Vertical	Pass
3**	4561.977	37.92	54.0	16.08	AV	265.00	200	Vertical	Pass
4	7318.707	44.41	74.0	29.59	Peak	157.00	200	Vertical	Pass
4**	7318.707	34.99	54.0	19.01	AV	157.00	200	Vertical	Pass
5	12528.571	47.97	74.0	26.03	Peak	23.00	300	Vertical	Pass
5**	12528.571	38.26	54.0	15.74	AV	23.00	300	Vertical	Pass
6	15837.979	50.39	74.0	23.61	Peak	151.00	400	Vertical	Pass
6**	15837.979	38.81	54.0	15.19	AV	151.00	400	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass

U-NII-3	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass

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

Test Data and Plots

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	5075.217	56.85	74.0	17.15	Peak	148.00	200	Vertical	Pass
1**	5075.217	45.02	54.0	8.98	AV	148.00	200	Vertical	Pass
2	5150.000	54.34	74.0	19.66	Peak	132.00	300	Vertical	Pass
2**	5150.000	44.52	54.0	9.48	AV	132.00	300	Vertical	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	54.74	74.0	19.26	Peak	273.00	100	Vertical	Pass
1**	5350.000	44.98	54.0	9.02	AV	273.00	100	Vertical	Pass
2	5424.459	57.45	74.0	16.55	Peak	274.00	200	Vertical	Pass
2**	5424.459	45.42	54.0	8.58	AV	274.00	200	Vertical	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	5077.134	57.00	74.0	17.00	Peak	229.00	200	Vertical	Pass
1**	5077.134	44.85	54.0	9.15	AV	229.00	200	Vertical	Pass
2	5150.000	54.98	74.0	19.02	Peak	300.00	300	Vertical	Pass
2**	5150.000	44.33	54.0	9.67	AV	300.00	300	Vertical	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	55.26	74.0	18.74	Peak	95.00	300	Vertical	Pass
1**	5350.000	44.98	54.0	9.02	AV	95.00	300	Vertical	Pass
2	5423.580	56.84	74.0	17.16	Peak	238.00	200	Vertical	Pass
2**	5423.580	45.57	54.0	8.43	AV	238.00	200	Vertical	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	5077.764	57.01	74.0	16.99	Peak	14.00	100	Vertical	Pass
1**	5077.764	44.68	54.0	9.32	AV	14.00	100	Vertical	Pass
2	5150.000	54.68	74.0	19.32	Peak	15.00	200	Vertical	Pass
2**	5150.000	44.63	54.0	9.37	AV	15.00	200	Vertical	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	55.41	74.0	18.59	Peak	346.00	200	Vertical	Pass
1**	5350.000	44.54	54.0	9.46	AV	346.00	200	Vertical	Pass
2	5423.498	56.97	74.0	17.03	Peak	237.00	300	Vertical	Pass
2**	5423.498	45.89	54.0	8.11	AV	237.00	300	Vertical	Pass

U-NII-1 11ac20 Low Channel

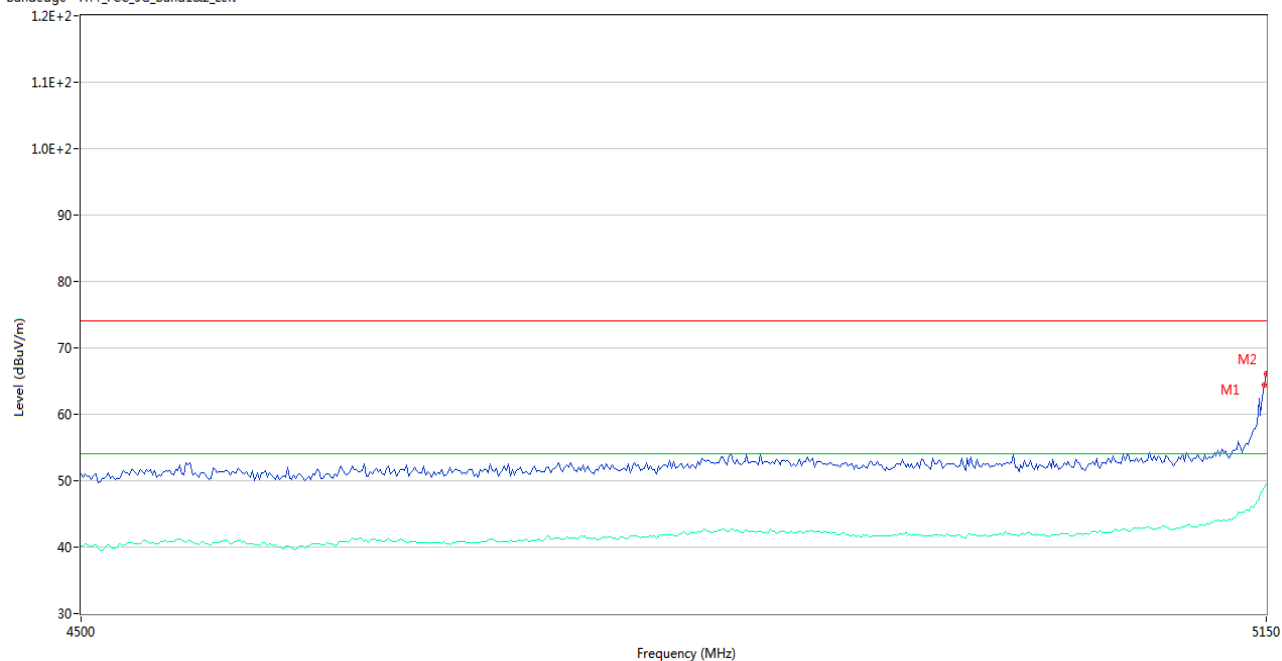
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5075.222	56.35	74.0	17.65	Peak	300.00	200	Vertical	Pass
1**	5075.222	44.98	54.0	9.02	AV	300.00	200	Vertical	Pass
2	5150.000	54.39	74.0	19.61	Peak	318.00	100	Vertical	Pass
2**	5150.000	44.35	54.0	9.65	AV	318.00	100	Vertical	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	54.62	74.0	19.38	Peak	20.00	200	Vertical	Pass
1**	5350.000	44.95	54.0	9.05	AV	20.00	200	Vertical	Pass
2	5422.420	57.38	74.0	16.62	Peak	196.00	100	Vertical	Pass
2**	5422.420	45.38	54.0	8.62	AV	196.00	100	Vertical	Pass

U-NII-1 11ac40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	64.42	74.0	9.58	Peak	38.00	200	Vertical	Pass
1**	5148.917	48.93	54.0	5.07	AV	38.00	200	Vertical	Pass
2	5150.000	66.14	74.0	7.86	Peak	53.00	100	Vertical	Pass
2**	5150.000	49.48	54.0	4.52	AV	53.00	100	Vertical	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	55.27	74.0	18.73	Peak	7.00	100	Vertical	Pass
1**	5350.000	45.18	54.0	8.82	AV	7.00	100	Vertical	Pass
2	5424.058	56.92	74.0	17.08	Peak	324.00	100	Vertical	Pass
2**	5424.058	45.28	54.0	8.72	AV	324.00	100	Vertical	Pass

U-NII-1 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4998.661	56.60	74.0	17.40	Peak	81.00	200	Horizontal	Pass
1**	4998.661	45.12	54.0	8.88	AV	81.00	200	Horizontal	Pass
2	5150.000	54.08	74.0	19.92	Peak	173.00	200	Horizontal	Pass
2**	5150.000	45.36	54.0	8.64	AV	173.00	200	Horizontal	Pass

U-NII-1 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.49	74.0	18.51	Peak	142.00	100	Horizontal	Pass
1**	5350.000	45.13	54.0	8.87	AV	142.00	100	Horizontal	Pass
2	5423.391	56.92	74.0	17.08	Peak	112.00	100	Horizontal	Pass
2**	5423.391	45.35	54.0	8.65	AV	112.00	100	Horizontal	Pass

U-NII-1 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.911	56.96	74.0	17.04	Peak	42.00	100	Horizontal	Pass
1**	5077.911	45.23	54.0	8.77	AV	42.00	100	Horizontal	Pass
2	5150.000	54.49	74.0	19.51	Peak	259.00	200	Horizontal	Pass
2**	5150.000	44.46	54.0	9.54	AV	259.00	200	Horizontal	Pass

U-NII-1 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.70	74.0	19.30	Peak	98.00	100	Horizontal	Pass
1**	5350.000	45.02	54.0	8.98	AV	98.00	100	Horizontal	Pass
2	5422.414	57.21	74.0	16.79	Peak	345.00	100	Horizontal	Pass
2**	5422.414	45.78	54.0	8.22	AV	345.00	100	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	4996.152	57.08	74.0	16.92	Peak	293.00	300	Vertical	Pass
1**	4996.152	44.59	54.0	9.41	AV	293.00	300	Vertical	Pass
2	5150.000	54.18	74.0	19.82	Peak	161.00	300	Vertical	Pass
2**	5150.000	44.67	54.0	9.33	AV	161.00	300	Vertical	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	55.85	74.0	18.15	Peak	239.00	300	Vertical	Pass
1**	5350.000	45.36	54.0	8.64	AV	239.00	300	Vertical	Pass
2	5460.187	58.15	74.0	15.85	Peak	278.00	200	Vertical	Pass
2**	5460.187	45.85	54.0	8.15	AV	278.00	200	Vertical	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	4998.608	56.43	74.0	17.57	Peak	68.00	200	Vertical	Pass
1**	4998.608	44.58	54.0	9.42	AV	68.00	200	Vertical	Pass
2	5150.000	53.70	74.0	20.30	Peak	258.00	300	Vertical	Pass
2**	5150.000	45.47	54.0	8.53	AV	258.00	300	Vertical	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	55.69	74.0	18.31	Peak	248.00	100	Vertical	Pass
1**	5350.000	45.07	54.0	8.93	AV	248.00	100	Vertical	Pass
2	5459.847	57.67	74.0	16.33	Peak	37.00	300	Vertical	Pass
2**	5459.847	45.38	54.0	8.62	AV	37.00	300	Vertical	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	4997.015	56.63	74.0	17.37	Peak	299.00	100	Vertical	Pass
1**	4997.015	44.52	54.0	9.48	AV	299.00	100	Vertical	Pass
2	5150.000	53.79	74.0	20.21	Peak	4.00	100	Vertical	Pass
2**	5150.000	44.97	54.0	9.03	AV	4.00	100	Vertical	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	55.79	74.0	18.21	Peak	314.00	300	Vertical	Pass
1**	5350.000	44.95	54.0	9.05	AV	314.00	300	Vertical	Pass
2	5460.876	57.59	74.0	16.41	Peak	34.00	100	Vertical	Pass
2**	5460.876	45.45	54.0	8.55	AV	34.00	100	Vertical	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	4996.227	56.45	74.0	17.55	Peak	264.00	200	Vertical	Pass
1**	4996.227	45.09	54.0	8.91	AV	264.00	200	Vertical	Pass
2	5150.000	54.29	74.0	19.71	Peak	229.00	300	Vertical	Pass
2**	5150.000	44.73	54.0	9.27	AV	229.00	300	Vertical	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	55.36	74.0	18.64	Peak	255.00	200	Vertical	Pass
1**	5350.000	45.63	54.0	8.37	AV	255.00	200	Vertical	Pass
2	5461.352	57.63	74.0	16.37	Peak	303.00	100	Vertical	Pass
2**	5461.352	45.39	54.0	8.61	AV	303.00	100	Vertical	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	4996.089	56.98	74.0	17.02	Peak	105.00	200	Vertical	Pass
1**	4996.089	44.61	54.0	9.39	AV	105.00	200	Vertical	Pass
2	5150.000	54.60	74.0	19.40	Peak	275.00	100	Vertical	Pass
2**	5150.000	45.25	54.0	8.75	AV	275.00	100	Vertical	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	55.78	74.0	18.22	Peak	265.00	300	Vertical	Pass
1**	5350.000	45.51	54.0	8.49	AV	265.00	300	Vertical	Pass
2	5461.962	58.23	74.0	15.77	Peak	285.00	300	Vertical	Pass
2**	5461.962	45.92	54.0	8.08	AV	285.00	300	Vertical	Pass

U-NII-2A 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4998.661	56.60	74.0	17.40	Peak	81.00	200	Horizontal	Pass
1**	4998.661	45.12	54.0	8.88	AV	81.00	200	Horizontal	Pass
2	5150.000	54.08	74.0	19.92	Peak	173.00	200	Horizontal	Pass
2**	5150.000	45.36	54.0	8.64	AV	173.00	200	Horizontal	Pass

U-NII-2A 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.59	74.0	18.41	Peak	354.00	300	Horizontal	Pass
1**	5350.000	45.54	54.0	8.46	AV	354.00	300	Horizontal	Pass
2	5460.321	57.29	74.0	16.71	Peak	119.00	300	Horizontal	Pass
2**	5460.321	45.45	54.0	8.55	AV	119.00	300	Horizontal	Pass

U-NII-2A 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.655	56.84	74.0	17.16	Peak	294.00	200	Horizontal	Pass
1**	4996.655	44.82	54.0	9.18	AV	294.00	200	Horizontal	Pass
2	5150.000	53.86	74.0	20.14	Peak	142.00	300	Horizontal	Pass
2**	5150.000	45.43	54.0	8.57	AV	142.00	300	Horizontal	Pass

U-NII-2A 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.45	74.0	18.55	Peak	312.00	200	Horizontal	Pass
1**	5350.000	44.75	54.0	9.25	AV	312.00	200	Horizontal	Pass
2	5459.190	58.20	74.0	15.80	Peak	57.00	100	Horizontal	Pass
2**	5459.190	45.97	54.0	8.03	AV	57.00	100	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	5410.676	57.19	74.0	16.81	Peak	103.00	300	Vertical	Pass
1**	5411.805	45.07	54.0	8.93	AV	103.00	300	Vertical	Pass
2	5460.000	55.82	74.0	18.18	Peak	268.00	200	Vertical	Pass
2**	5460.000	45.81	54.0	8.19	AV	268.00	200	Vertical	Pass
3	5468.121	57.30	68.2	10.90	Peak	128.00	200	Vertical	Pass
3**	5468.413	46.78	--	--	AV	128.00	200	Vertical	N/A
4	5470.000	55.45	68.2	12.75	Peak	63.00	100	Vertical	Pass
4**	5470.000	46.95	--	--	AV	63.00	100	Vertical	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	55.08	68.2	13.12	Peak	0.00	100	Vertical	Pass
2	5775.235	57.25	68.2	10.95	Peak	37.00	200	Vertical	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	5411.067	57.56	74.0	16.44	Peak	216.00	200	Vertical	Pass
1**	5411.361	45.36	54.0	8.64	AV	216.00	200	Vertical	Pass
2	5460.000	56.28	74.0	17.72	Peak	304.00	200	Vertical	Pass
2**	5460.000	45.98	54.0	8.02	AV	304.00	200	Vertical	Pass
3	5467.717	57.21	68.2	10.99	Peak	338.00	300	Vertical	Pass
3**	5466.450	46.32	--	--	AV	338.00	300	Vertical	N/A
4	5470.000	55.15	68.2	13.05	Peak	291.00	200	Vertical	Pass
4**	5470.000	46.01	--	--	AV	291.00	200	Vertical	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	55.10	68.2	13.10	Peak	83.00	100	Vertical	Pass
2	5775.353	57.07	68.2	11.13	Peak	282.00	300	Vertical	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	5412.264	57.45	74.0	16.55	Peak	225.00	200	Vertical	Pass
1**	5411.678	45.33	54.0	8.67	AV	225.00	200	Vertical	Pass
2	5460.000	56.35	74.0	17.65	Peak	171.00	300	Vertical	Pass
2**	5460.000	46.28	54.0	7.72	AV	171.00	300	Vertical	Pass
3	5468.444	57.38	68.2	10.82	Peak	182.00	300	Vertical	Pass
3**	5466.940	46.28	--	--	AV	182.00	300	Vertical	N/A
4	5470.000	55.73	68.2	12.47	Peak	153.00	100	Vertical	Pass
4**	5470.000	46.41	--	--	AV	153.00	100	Vertical	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	55.70	68.2	12.50	Peak	334.00	300	Vertical	Pass
2	5775.734	57.52	68.2	10.68	Peak	92.00	300	Vertical	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	5412.625	57.53	74.0	16.47	Peak	180.00	300	Vertical	Pass
1**	5412.592	45.41	54.0	8.59	AV	180.00	300	Vertical	Pass
2	5460.000	56.31	74.0	17.69	Peak	303.00	200	Vertical	Pass
2**	5460.000	45.72	54.0	8.28	AV	303.00	200	Vertical	Pass
3	5467.182	57.44	68.2	10.76	Peak	320.00	100	Vertical	Pass
3**	5466.356	46.58	--	--	AV	320.00	100	Vertical	N/A
4	5470.000	54.80	68.2	13.40	Peak	26.00	100	Vertical	Pass
4**	5470.000	46.81	--	--	AV	26.00	100	Vertical	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	55.50	68.2	12.70	Peak	38.00	200	Vertical	Pass
2	5775.903	56.78	68.2	11.42	Peak	79.00	200	Vertical	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	5412.412	57.26	74.0	16.74	Peak	316.00	300	Vertical	Pass
1**	5411.938	44.67	54.0	9.33	AV	316.00	300	Vertical	Pass
2	5460.000	56.48	74.0	17.52	Peak	104.00	100	Vertical	Pass
2**	5460.000	45.93	54.0	8.07	AV	104.00	100	Vertical	Pass
3	5466.464	57.38	68.2	10.82	Peak	275.00	100	Vertical	Pass
3**	5467.210	46.58	--	--	AV	275.00	100	Vertical	N/A
4	5470.000	55.34	68.2	12.86	Peak	325.00	200	Vertical	Pass
4**	5470.000	46.29	--	--	AV	325.00	200	Vertical	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	55.35	68.2	12.85	Peak	260.00	300	Vertical	Pass
2	5777.068	56.95	68.2	11.25	Peak	183.00	100	Vertical	Pass

U-NII-2C 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.180	57.64	74.0	16.36	Peak	171.00	300	Horizontal	Pass
1**	5413.242	44.73	54.0	9.27	AV	171.00	300	Horizontal	Pass
2	5460.000	55.98	74.0	18.02	Peak	93.00	100	Horizontal	Pass
2**	5460.000	46.70	54.0	7.30	AV	93.00	100	Horizontal	Pass
3	5468.307	56.63	68.2	11.57	Peak	216.00	100	Horizontal	Pass
3**	5468.464	46.34	--	--	AV	216.00	100	Horizontal	N/A
4	5470.000	54.78	68.2	13.42	Peak	42.00	300	Horizontal	Pass
4**	5470.000	46.44	--	--	AV	42.00	300	Horizontal	N/A

U-NII-2C 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.52	68.2	12.68	Peak	199.00	100	Horizontal	Pass
2	5776.806	56.81	68.2	11.39	Peak	314.00	300	Horizontal	Pass

U-NII-2C 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.584	57.58	74.0	16.42	Peak	311.00	100	Horizontal	Pass
1**	5412.382	45.23	54.0	8.77	AV	311.00	100	Horizontal	Pass
2	5460.000	55.79	74.0	18.21	Peak	207.00	300	Horizontal	Pass
2**	5460.000	46.66	54.0	7.34	AV	207.00	300	Horizontal	Pass
3	5466.307	56.64	68.2	11.56	Peak	194.00	100	Horizontal	Pass
3**	5466.971	46.76	--	--	AV	194.00	100	Horizontal	N/A
4	5470.000	55.69	68.2	12.51	Peak	284.00	300	Horizontal	Pass
4**	5470.000	46.78	--	--	AV	284.00	300	Horizontal	N/A

U-NII-2C 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.70	68.2	12.50	Peak	28.00	200	Horizontal	Pass
2	5776.038	57.60	68.2	10.60	Peak	276.00	100	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	5643.524	56.99	68.2	11.21	Peak	74.00	200	Vertical	Pass
2	5650.000	55.51	68.2	12.69	Peak	74.00	200	Vertical	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	55.13	68.2	13.08	Peak	118.00	300	Vertical	Pass
2	5941.886	57.56	68.2	10.64	Peak	12.00	100	Vertical	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	5642.570	54.439	68.2	13.76	Peak	205.00	100	Vertical	Pass
2	5650.000	53.767	68.2	14.43	Peak	205.00	100	Vertical	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	53.035	68.2	15.17	Peak	285.00	300	Vertical	Pass
2	5944.758	55.929	68.2	12.27	Peak	54.00	300	Vertical	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	5642.489	54.309	68.2	13.89	Peak	70.00	100	Vertical	Pass
2	5650.000	54.737	68.2	13.46	Peak	70.00	100	Vertical	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	53.065	68.2	15.14	Peak	114.00	200	Vertical	Pass
2	5947.355	55.609	68.2	12.59	Peak	172.00	100	Vertical	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	5639.772	54.369	68.2	13.83	Peak	243.00	100	Vertical	Pass
2	5650.000	53.767	68.2	14.43	Peak	243.00	100	Vertical	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	51.735	68.2	16.47	Peak	42.00	300	Vertical	Pass
2	5949.977	53.089	68.2	15.11	Peak	61.00	100	Vertical	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	5637.237	53.359	68.2	14.84	Peak	56.00	100	Vertical	Pass
2	5650.000	51.807	68.2	16.39	Peak	56.00	100	Vertical	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	49.035	68.2	19.17	Peak	252.00	300	Vertical	Pass
2	5951.246	52.399	68.2	15.80	Peak	50.00	200	Vertical	Pass

U-NII-3 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.718	47.986	68.2	20.21	Peak	32.00	300	Horizontal	Pass
2	5650.000	49.08	68.2	19.12	Peak	32.00	300	Horizontal	Pass

U-NII-3 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.34	68.2	18.86	Peak	143.00	200	Horizontal	Pass
2	5954.009	49.503	68.2	18.70	Peak	109.00	200	Horizontal	Pass

U-NII-3 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.775	45.856	68.2	22.34	Peak	15.00	200	Horizontal	Pass
2	5650.000	46.12	68.2	22.08	Peak	15.00	200	Horizontal	Pass

U-NII-3 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.55	68.2	18.65	Peak	168.00	100	Horizontal	Pass
2	5956.936	46.633	68.2	21.57	Peak	2.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2590142-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2590142-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2590142-AI.PDF”.

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