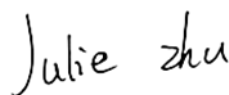
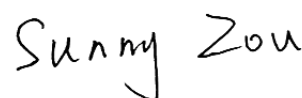


TEST REPORT

Applicant: UROVO TECHNOLOGY CO., LTD.
Address: 36F, High-Tech Zone Union Tower, No.63, Xuefu Road, Nanshan District, Shenzhen, Guangdong, China
Equipment Type: Smart POS
Model Name: i5300L (refer to section 2.3)
Brand Name: UROVO
FCC ID: SWSI5300L
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Jul. 01, 2025
Test Date: Jul. 10, 2025 - Aug. 06, 2025
Date of Issue: Oct. 17, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Oct. 17, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	UROVO TECHNOLOGY CO., LTD.
Address	36F, High-Tech Zone Union Tower, No.63, Xuefu Road, Nanshan District, Shenzhen, Guangdong, China

2.2 Manufacturer Information

Manufacturer	UROVO TECHNOLOGY CO., LTD.
Address	36F, High-Tech Zone Union Tower, No.63, Xuefu Road, Nanshan District, Shenzhen, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart POS
Model Name Under Test	i5300L
Series Model Name	i5300, i5301, i5302, i5303, i5300B, i5300LA, i5300LB
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)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	3G Network GSM/GPRS/EGPRS 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17/19/25/26/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac GPS, GLONASS, NFC
-----------------------------------	--

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
Modulation Technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 88.72 mW U-NII-2A: 88.92 mW U-NII-2C: 88.31 mW U-NII-3: 93.11 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3.35 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.97 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.96 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.66 dBi
About the Product	The equipment is Smart POS, intended for used with information technology equipment.

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

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

For 802.11a/n(HT20)/ac(VHT20)

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

Note ²: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	42% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.7°C to +24.4°C
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2025.06.16	2026.06.15
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2025.06.16	2026.06.15
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2025.06.17	2026.06.16
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2025.02.14	2028.02.13

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

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

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

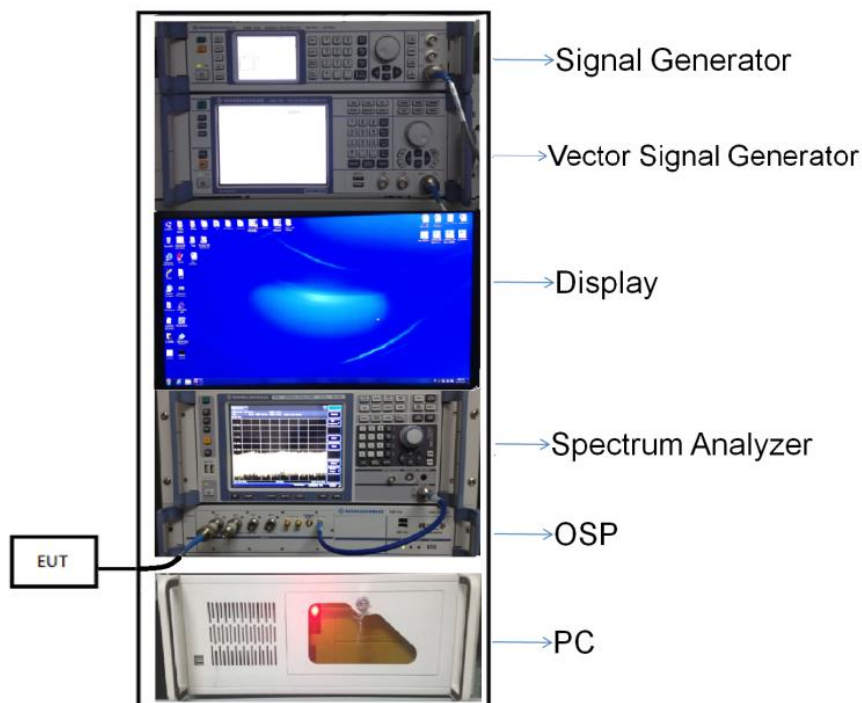
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

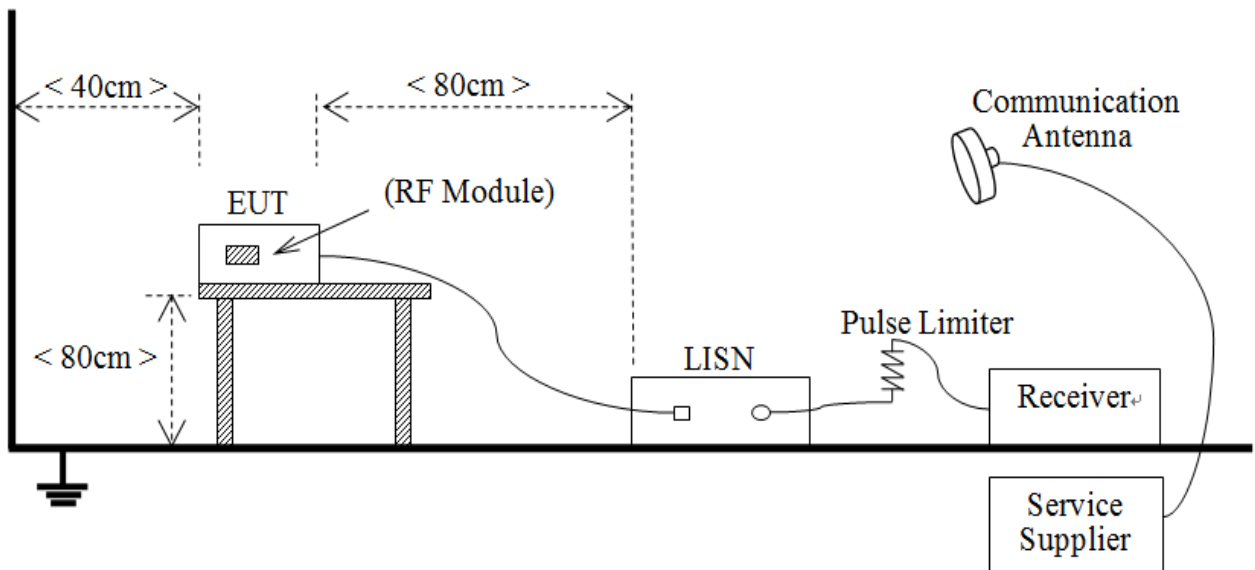
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



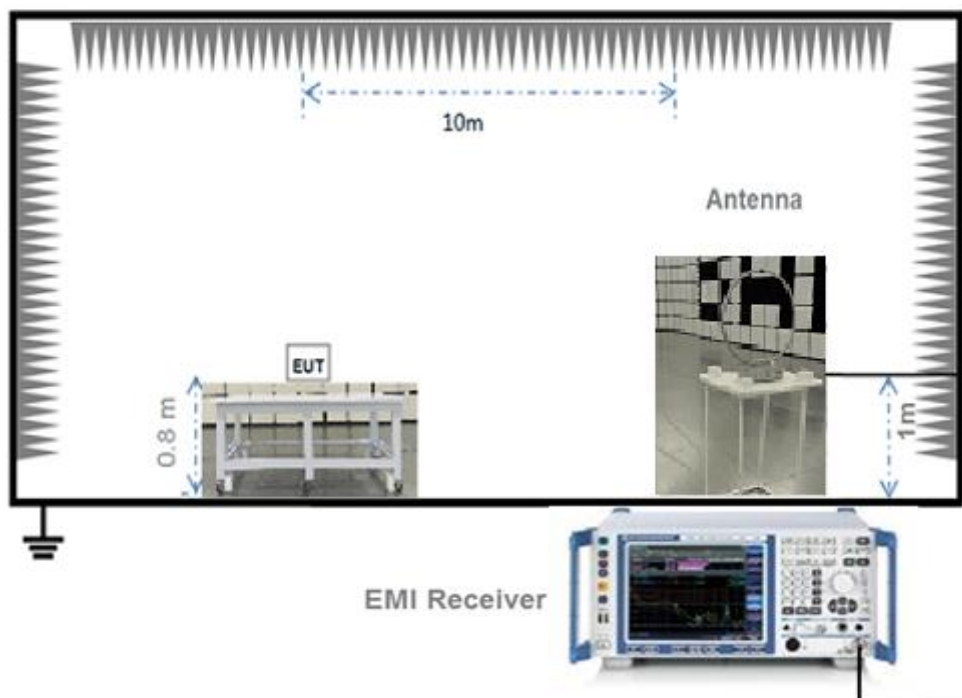
(Diagram 1)

4.5.2 For AC Power Supply Port Test



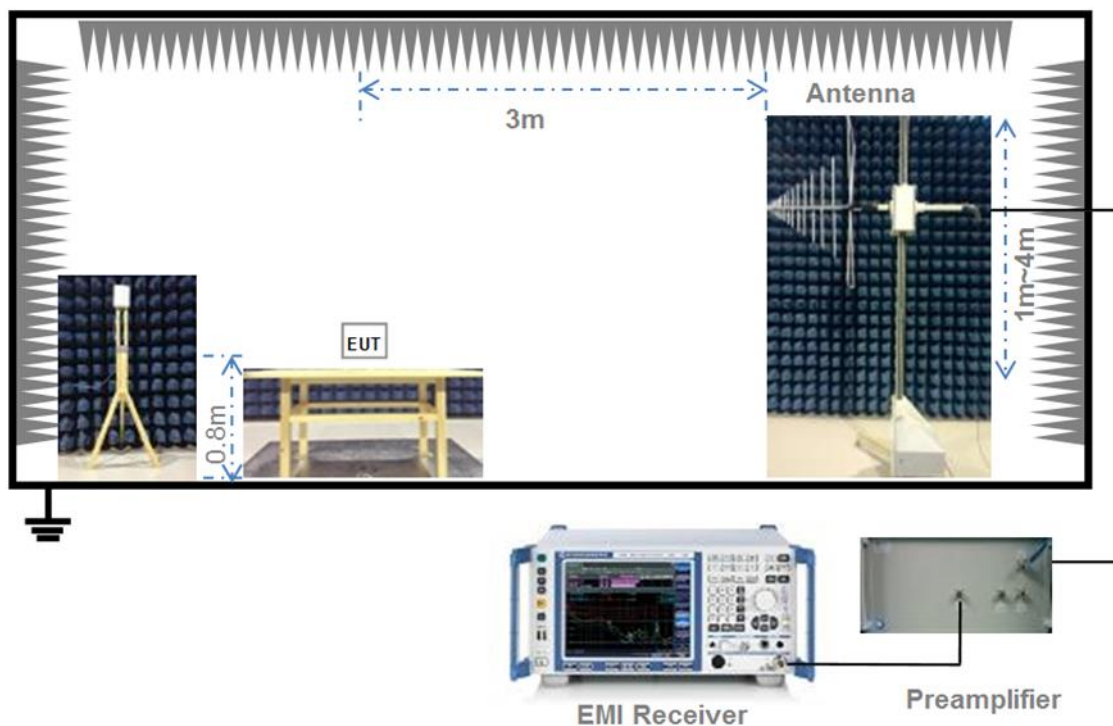
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



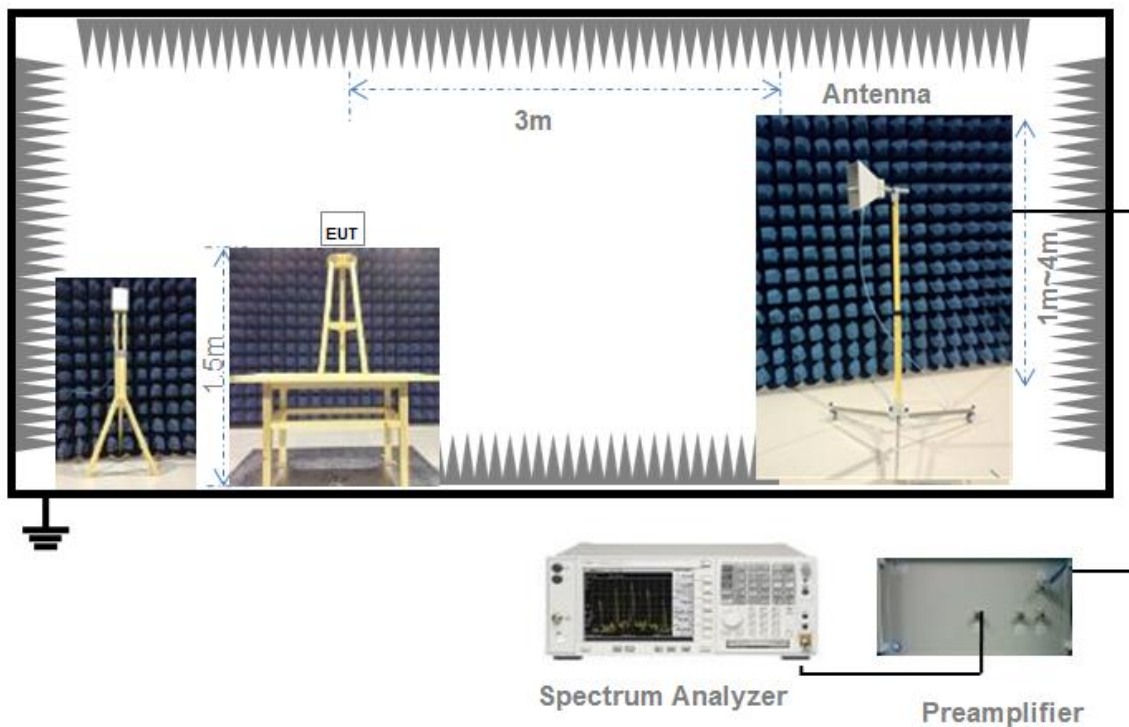
(Diagram 3)

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.	

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 ≥ 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)

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

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

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)

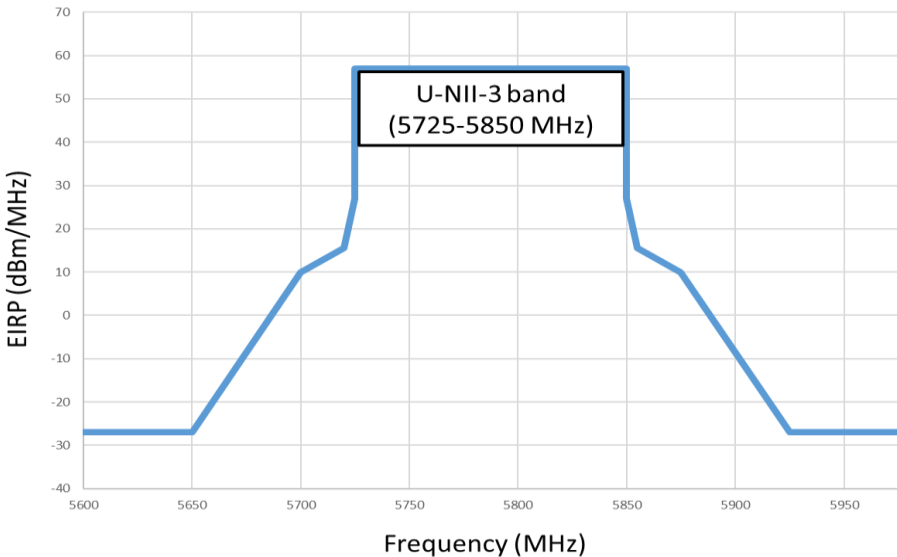
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note ¹: The Limit for radiated test was performed according to FCC Part 15C

Note ²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
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: 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	96.79%	0.14
11n(HT20)/11ac(VHT20)	1.30	1.35	96.59%	0.15
11n(HT40)/11ac(VHT40)	1.31	1.36	96.61%	0.15
11ac(VHT80)	0.32	0.37	88.27%	0.54

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	18.24	66.68	250	Pass
11a	CH44	19.17	82.60	250	Pass
11a	CH48	19.20	83.18	250	Pass
11n(HT20)	CH36	17.68	58.61	250	Pass
11n(HT20)	CH44	19.32	85.51	250	Pass
11n(HT20)	CH48	19.41	87.30	250	Pass
11n(HT40)	CH38	17.16	52.00	250	Pass
11n(HT40)	CH46	19.19	82.99	250	Pass
11ac(VHT20)	CH36	19.31	85.31	250	Pass
11ac(VHT20)	CH44	19.39	86.90	250	Pass
11ac(VHT20)	CH48	19.48	88.72	250	Pass
11ac(VHT40)	CH38	17.27	53.33	250	Pass
11ac(VHT40)	CH46	19.15	82.22	250	Pass
11ac(VHT80)	CH42	13.90	24.55	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	19.39	86.90	250	Pass
11a	CH60	19.49	88.92	250	Pass
11a	CH64	18.04	63.68	250	Pass
11n(HT20)	CH52	19.19	82.99	250	Pass
11n(HT20)	CH60	19.24	83.95	250	Pass
11n(HT20)	CH64	17.94	62.23	250	Pass
11n(HT40)	CH54	19.21	83.37	250	Pass
11n(HT40)	CH62	15.87	38.64	250	Pass
11ac(VHT20)	CH52	19.46	88.31	250	Pass
11ac(VHT20)	CH60	19.14	82.04	250	Pass
11ac(VHT20)	CH64	18.39	69.02	250	Pass
11ac(VHT40)	CH54	19.19	82.99	250	Pass
11ac(VHT40)	CH62	15.21	33.19	250	Pass
11ac(VHT80)	CH58	14.07	25.53	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.08	51.05	250	Pass
11a	CH116	19.46	88.31	250	Pass
11a	CH140	18.51	70.96	250	Pass
11n(HT20)	CH100	17.06	50.82	250	Pass
11n(HT20)	CH116	19.39	86.90	250	Pass
11n(HT20)	CH140	18.02	63.39	250	Pass
11n(HT40)	CH102	14.80	30.20	250	Pass
11n(HT40)	CH118	19.39	86.90	250	Pass
11n(HT40)	CH134	19.40	87.10	250	Pass
11ac(VHT20)	CH100	17.97	62.66	250	Pass
11ac(VHT20)	CH116	19.43	87.70	250	Pass
11ac(VHT20)	CH140	18.82	76.21	250	Pass
11ac(VHT40)	CH102	14.81	30.27	250	Pass
11ac(VHT40)	CH118	19.31	85.31	250	Pass
11ac(VHT40)	CH134	19.41	87.30	250	Pass
11ac(VHT80)	CH106	14.49	28.12	250	Pass
11ac(VHT80)	CH122	19.09	81.10	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.45	88.10	1000	Pass
11a	CH157	19.41	87.30	1000	Pass
11a	CH165	19.38	86.70	1000	Pass
11n(HT20)	CH149	19.40	87.10	1000	Pass
11n(HT20)	CH157	19.37	86.50	1000	Pass
11n(HT20)	CH165	19.69	93.11	1000	Pass
11n(HT40)	CH151	19.52	89.54	1000	Pass
11n(HT40)	CH159	19.61	91.41	1000	Pass
11ac(VHT20)	CH149	19.28	84.72	1000	Pass
11ac(VHT20)	CH157	19.30	85.11	1000	Pass
11ac(VHT20)	CH165	19.69	93.11	1000	Pass
11ac(VHT40)	CH151	19.50	89.13	1000	Pass
11ac(VHT40)	CH159	19.58	90.78	1000	Pass
11ac(VHT80)	CH155	18.74	74.82	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2570492-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	28.40	16.91
11a	CH44	31.38	16.84
11a	CH48	29.38	16.67
11n(HT20)	CH36	29.49	17.90
11n(HT20)	CH44	35.58	17.85
11n(HT20)	CH48	32.81	17.88
11n(HT40)	CH38	48.24	36.16
11n(HT40)	CH46	71.56	36.50
11ac(VHT20)	CH36	33.70	17.95
11ac(VHT20)	CH44	25.74	17.66
11ac(VHT20)	CH48	33.22	17.82
11ac(VHT40)	CH38	41.72	36.07
11ac(VHT40)	CH46	66.86	36.40
11ac(VHT80)	CH42	80.94	75.30

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	28.34	16.73
11a	CH60	31.37	16.73
11a	CH64	22.41	16.57
11n(HT20)	CH52	33.35	17.81
11n(HT20)	CH60	31.10	17.82
11n(HT20)	CH64	22.96	17.65
11n(HT40)	CH54	68.98	36.48
11n(HT40)	CH62	40.41	36.11
11ac(VHT20)	CH52	32.16	17.84
11ac(VHT20)	CH60	35.64	17.87
11ac(VHT20)	CH64	27.62	17.70
11ac(VHT40)	CH54	66.69	36.52
11ac(VHT40)	CH62	40.51	36.01
11ac(VHT80)	CH58	81.04	75.29

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.60	16.53
11a	CH116	29.90	16.80
11a	CH140	26.51	16.66
11n(HT20)	CH100	21.06	17.65
11n(HT20)	CH116	34.77	17.92
11n(HT20)	CH140	26.65	17.72
11n(HT40)	CH102	40.44	36.06
11n(HT40)	CH118	71.40	36.53
11n(HT40)	CH134	73.34	36.71
11ac(VHT20)	CH100	28.41	17.68
11ac(VHT20)	CH116	35.66	17.99
11ac(VHT20)	CH140	32.55	17.77
11ac(VHT40)	CH102	40.56	36.00
11ac(VHT40)	CH118	74.42	36.64
11ac(VHT40)	CH134	69.70	36.76
11ac(VHT80)	CH106	81.08	75.35
11ac(VHT80)	CH122	159.00	76.89

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	36.38	17.12
11a	CH157	35.25	17.11
11a	CH165	33.44	17.01
11n(HT20)	CH149	37.91	18.14
11n(HT20)	CH157	38.49	18.19
11n(HT20)	CH165	36.85	18.25
11n(HT40)	CH151	78.99	38.46
11n(HT40)	CH159	79.13	38.45
11ac(VHT20)	CH149	38.88	18.22
11ac(VHT20)	CH157	39.02	18.22
11ac(VHT20)	CH165	38.24	18.16
11ac(VHT40)	CH151	79.56	37.99
11ac(VHT40)	CH159	79.91	37.90
11ac(VHT80)	CH155	159.80	78.66

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2570492-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	13.10	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	12.80	500.00	Pass
11n(HT20)	CH165	14.50	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	14.10	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	12.70	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2570492-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	7.79	11.00	Pass
11a	CH44	8.36	11.00	Pass
11a	CH48	8.16	11.00	Pass
11n(HT20)	CH36	7.08	11.00	Pass
11n(HT20)	CH44	8.39	11.00	Pass
11n(HT20)	CH48	8.50	11.00	Pass
11n(HT40)	CH38	3.77	11.00	Pass
11n(HT40)	CH46	5.34	11.00	Pass
11ac(VHT20)	CH36	8.62	11.00	Pass
11ac(VHT20)	CH44	7.12	11.00	Pass
11ac(VHT20)	CH48	8.44	11.00	Pass
11ac(VHT40)	CH38	3.61	11.00	Pass
11ac(VHT40)	CH46	5.49	11.00	Pass
11ac(VHT80)	CH42	-2.85	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	8.72	11.00	Pass
11a	CH60	8.64	11.00	Pass
11a	CH64	7.52	11.00	Pass
11n(HT20)	CH52	8.26	11.00	Pass
11n(HT20)	CH60	8.27	11.00	Pass
11n(HT20)	CH64	7.21	11.00	Pass
11n(HT40)	CH54	5.83	11.00	Pass
11n(HT40)	CH62	2.06	11.00	Pass
11ac(VHT20)	CH52	8.73	11.00	Pass
11ac(VHT20)	CH60	8.84	11.00	Pass
11ac(VHT20)	CH64	7.80	11.00	Pass
11ac(VHT40)	CH54	5.38	11.00	Pass
11ac(VHT40)	CH62	1.70	11.00	Pass
11ac(VHT80)	CH58	-2.64	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	6.81	11.00	Pass
11a	CH116	8.65	11.00	Pass
11a	CH140	8.12	11.00	Pass
11n(HT20)	CH100	6.37	11.00	Pass
11n(HT20)	CH116	8.82	11.00	Pass
11n(HT20)	CH140	7.22	11.00	Pass
11n(HT40)	CH102	1.33	11.00	Pass
11n(HT40)	CH118	5.41	11.00	Pass
11n(HT40)	CH134	6.15	11.00	Pass
11ac(VHT20)	CH100	7.39	11.00	Pass
11ac(VHT20)	CH116	8.62	11.00	Pass
11ac(VHT20)	CH140	8.08	11.00	Pass
11ac(VHT40)	CH102	1.21	11.00	Pass
11ac(VHT40)	CH118	5.95	11.00	Pass
11ac(VHT40)	CH134	6.09	11.00	Pass
11ac(VHT80)	CH106	-2.19	11.00	Pass
11ac(VHT80)	CH122	2.41	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH149	5.92	30.00	Pass
11a	CH157	5.67	30.00	Pass
11a	CH165	6.19	30.00	Pass
11n(HT20)	CH149	6.18	30.00	Pass
11n(HT20)	CH157	5.84	30.00	Pass
11n(HT20)	CH165	6.21	30.00	Pass
11n(HT40)	CH151	3.33	30.00	Pass
11n(HT40)	CH159	3.33	30.00	Pass
11ac(VHT20)	CH149	6.07	30.00	Pass
11ac(VHT20)	CH157	5.80	30.00	Pass
11ac(VHT20)	CH165	6.27	30.00	Pass
11ac(VHT40)	CH151	3.39	30.00	Pass
11ac(VHT40)	CH159	3.35	30.00	Pass
11ac(VHT80)	CH155	-0.46	30.00	Pass

A.5 Conducted Emissions

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

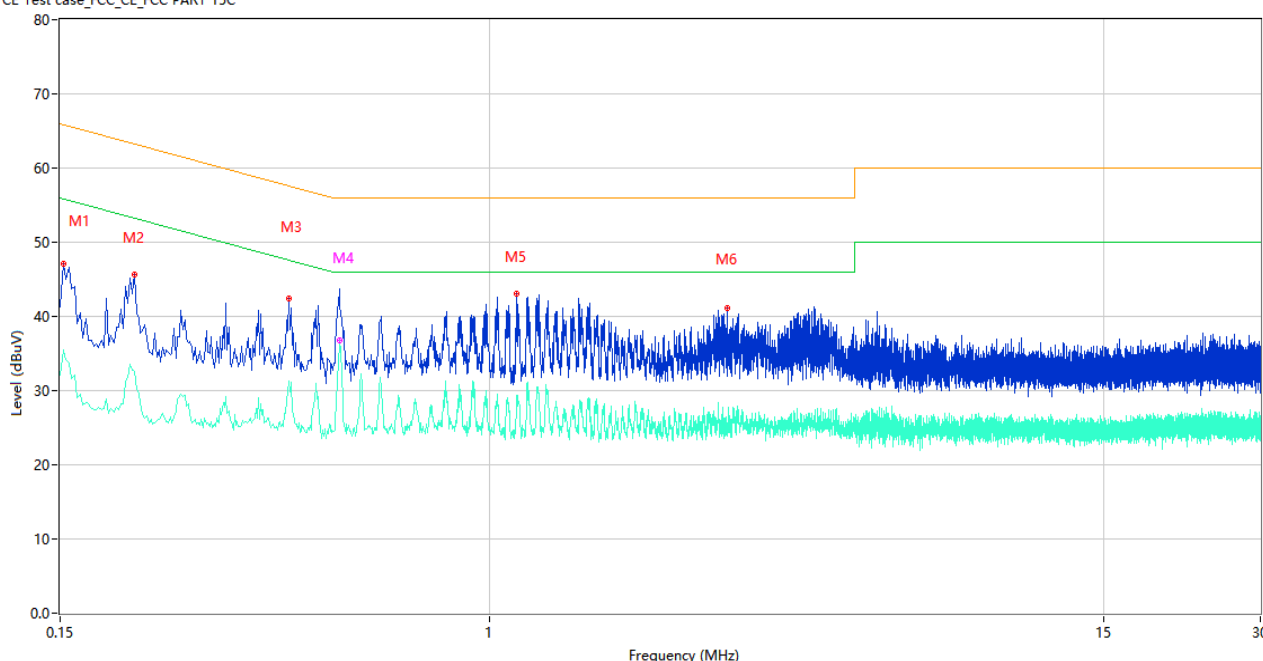
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

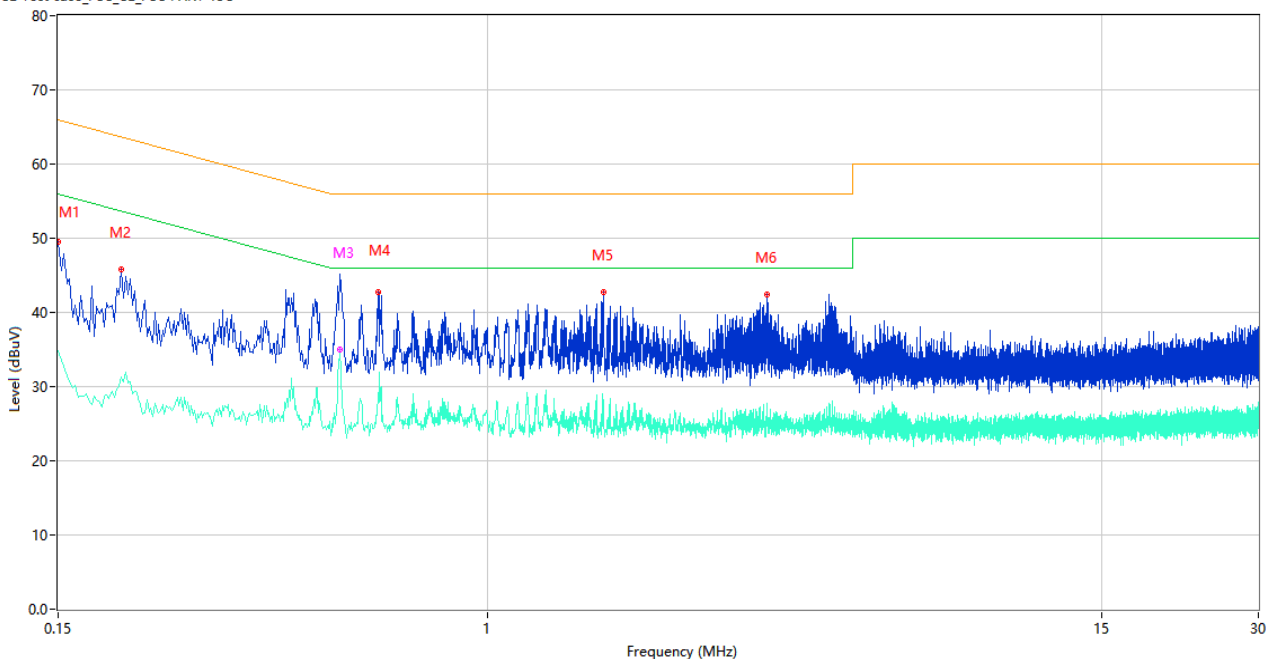
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	47.17	9.86	65.89	18.72	Peak	L	Pass
1**	0.152	35.49	9.86	55.89	20.40	AV	L	Pass
2	0.208	45.58	9.84	63.28	17.70	Peak	L	Pass
2**	0.208	32.53	9.84	53.28	20.75	AV	L	Pass
3	0.412	42.44	10.49	57.61	15.17	Peak	L	Pass
3**	0.412	31.32	10.49	47.61	16.29	AV	L	Pass
4	0.516	41.25	10.06	56.00	14.75	Peak	L	Pass
4**	0.516	36.71	10.06	46.00	9.29	AV	L	Pass
5	1.126	43.05	10.28	56.00	12.95	Peak	L	Pass
5**	1.126	29.42	10.28	46.00	16.58	AV	L	Pass
6	2.848	41.08	9.83	56.00	14.92	Peak	L	Pass
6**	2.848	25.64	9.83	46.00	20.36	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	49.53	9.86	66.00	16.47	Peak	N	Pass
1**	0.150	34.77	9.86	56.00	21.23	AV	N	Pass
2	0.198	45.80	9.84	63.69	17.89	Peak	N	Pass
2**	0.198	31.32	9.84	53.69	22.37	AV	N	Pass
3	0.520	45.18	10.06	56.00	10.82	Peak	N	Pass
3**	0.520	35.03	10.06	46.00	10.97	AV	N	Pass
4	0.616	42.75	10.24	56.00	13.25	Peak	N	Pass
4**	0.616	29.25	10.24	46.00	16.75	AV	N	Pass
5	1.666	42.78	10.08	56.00	13.22	Peak	N	Pass
5**	1.666	28.18	10.08	46.00	17.82	AV	N	Pass
6	3.430	42.36	10.33	56.00	13.64	Peak	N	Pass
6**	3.430	27.76	10.33	46.00	18.24	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.

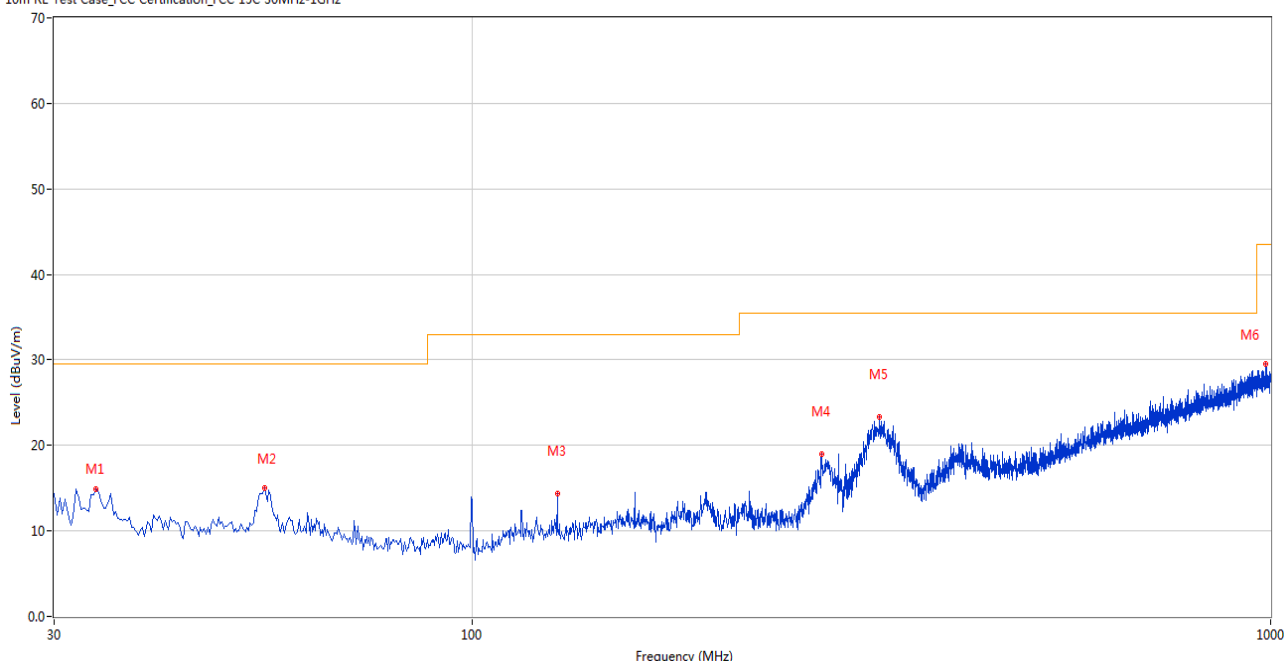
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

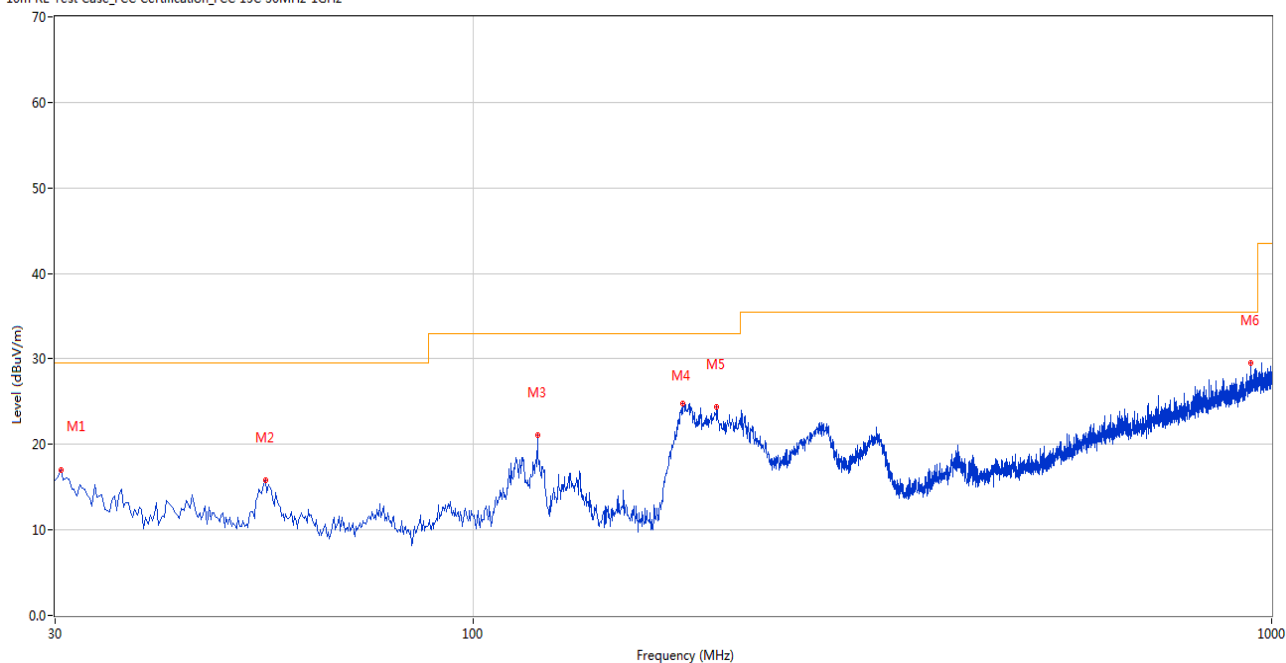
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.879	14.88	-26.96	29.5	14.62	Peak	360.00	200	Horizontal	Pass
2	54.971	15.02	-27.15	29.5	14.48	Peak	194.00	100	Horizontal	Pass
3	127.946	14.40	-27.47	33.0	18.60	Peak	360.00	200	Horizontal	Pass
4	273.894	19.05	-26.37	35.5	16.45	Peak	107.00	200	Horizontal	Pass
5	323.837	23.30	-25.14	35.5	12.20	Peak	102.00	200	Horizontal	Pass
6	986.908	29.47	-9.39	43.5	14.03	Peak	292.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	17.05	-26.85	29.5	12.45	Peak	360.00	200	Vertical	Pass
2	54.971	15.80	-27.15	29.5	13.70	Peak	123.00	100	Vertical	Pass
3	120.430	21.07	-28.05	33.0	11.93	Peak	2.00	100	Vertical	Pass
4	183.222	24.83	-27.90	33.0	8.17	Peak	248.00	100	Vertical	Pass
5	202.132	24.35	-29.24	33.0	8.65	Peak	193.00	100	Vertical	Pass
6	941.330	29.50	-9.94	35.5	6.00	Peak	0.00	200	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	1485.700	38.65	74.0	35.35	Peak	127.00	200	Horizontal	Pass
1**	1485.700	28.93	54.0	25.07	AV	127.00	200	Horizontal	Pass
2	4238.750	48.46	74.0	25.54	Peak	19.00	300	Horizontal	Pass
2**	4238.750	38.01	54.0	15.99	AV	19.00	300	Horizontal	Pass
3	5181.500	103.93	--	--	Peak	19.00	100	Horizontal	N/A
3**	5181.500	95.74	--	--	AV	19.00	100	Horizontal	N/A
4	7364.750	53.28	74.0	20.72	Peak	255.00	400	Horizontal	Pass
4**	7364.750	43.78	54.0	10.22	AV	255.00	400	Horizontal	Pass
5	12497.299	53.03	74.0	20.97	Peak	248.00	100	Horizontal	Pass
5**	12497.299	44.14	54.0	9.86	AV	248.00	100	Horizontal	Pass
6	15914.174	53.58	74.0	20.42	Peak	223.00	400	Horizontal	Pass
6**	15914.174	45.02	54.0	8.98	AV	223.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.900	38.74	74.0	35.26	Peak	85.00	300	Vertical	Pass
1**	1594.900	28.99	54.0	25.01	AV	85.00	300	Vertical	Pass
2	4144.500	48.20	74.0	25.80	Peak	352.00	400	Vertical	Pass
2**	4144.500	41.06	54.0	12.94	AV	352.00	400	Vertical	Pass
3	5181.000	104.66	--	--	Peak	175.00	150	Vertical	N/A
3**	5181.000	97.21	--	--	AV	175.00	150	Vertical	N/A
4	7495.500	53.17	74.0	20.83	Peak	352.00	400	Vertical	Pass
4**	7495.500	44.38	54.0	9.62	AV	352.00	400	Vertical	Pass
5	12417.263	53.10	74.0	20.90	Peak	98.00	100	Vertical	Pass
5**	12417.263	43.18	54.0	10.82	AV	98.00	100	Vertical	Pass
6	15901.575	54.18	74.0	19.82	Peak	311.00	200	Vertical	Pass
6**	15901.575	44.46	54.0	9.54	AV	311.00	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	1576.100	38.37	74.0	35.63	Peak	0.00	200	Horizontal	Pass
1**	1576.100	28.81	54.0	25.19	AV	0.00	200	Horizontal	Pass
2	4332.000	47.98	74.0	26.02	Peak	204.00	300	Horizontal	Pass
2**	4332.000	38.63	54.0	15.37	AV	204.00	300	Horizontal	Pass
3	5218.250	103.33	--	--	Peak	70.00	100	Horizontal	N/A
3**	5218.250	95.28	--	--	AV	70.00	100	Horizontal	N/A
4	7426.250	53.09	74.0	20.91	Peak	182.00	400	Horizontal	Pass
4**	7426.250	43.88	54.0	10.12	AV	182.00	400	Horizontal	Pass
5	12467.613	53.16	74.0	20.84	Peak	315.00	100	Horizontal	Pass
5**	12467.613	43.81	54.0	10.19	AV	315.00	100	Horizontal	Pass
6	16095.300	53.87	74.0	20.13	Peak	360.00	400	Horizontal	Pass
6**	16095.300	44.67	54.0	9.33	AV	360.00	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	1606.700	38.35	74.0	35.65	Peak	0.00	100	Vertical	Pass
1**	1606.700	28.85	54.0	25.15	AV	0.00	100	Vertical	Pass
2	4175.750	47.71	74.0	26.29	Peak	1.00	300	Vertical	Pass
2**	4175.750	41.13	54.0	12.87	AV	1.00	300	Vertical	Pass
3	5221.000	104.67	--	--	Peak	167.00	200	Vertical	N/A
3**	5221.000	97.46	--	--	AV	167.00	200	Vertical	N/A
4	7365.000	53.09	74.0	20.91	Peak	84.00	200	Vertical	Pass
4**	7365.000	43.63	54.0	10.37	AV	84.00	200	Vertical	Pass
5	12514.400	53.94	74.0	20.06	Peak	339.00	150	Vertical	Pass
5**	12514.400	43.73	54.0	10.27	AV	339.00	150	Vertical	Pass
6	16093.463	54.11	74.0	19.89	Peak	89.00	400	Vertical	Pass
6**	16093.463	45.15	54.0	8.85	AV	89.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	39.38	74.0	34.62	Peak	78.00	300	Horizontal	Pass
1**	1494.800	28.46	54.0	25.54	AV	78.00	300	Horizontal	Pass
2	4168.250	47.75	74.0	26.25	Peak	1.00	300	Horizontal	Pass
2**	4168.250	37.93	54.0	16.07	AV	1.00	300	Horizontal	Pass
3	5238.500	103.69	--	--	Peak	79.00	100	Horizontal	N/A
3**	5238.500	96.12	--	--	AV	79.00	100	Horizontal	N/A
4	7366.000	53.43	74.0	20.57	Peak	313.00	200	Horizontal	Pass
4**	7366.000	43.52	54.0	10.48	AV	313.00	200	Horizontal	Pass
5	12470.462	54.28	74.0	19.72	Peak	178.00	200	Horizontal	Pass
5**	12470.462	43.78	54.0	10.22	AV	178.00	200	Horizontal	Pass
6	16156.724	54.24	74.0	19.76	Peak	310.00	100	Horizontal	Pass
6**	16156.724	44.33	54.0	9.67	AV	310.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.700	38.58	74.0	35.42	Peak	157.00	400	Vertical	Pass
1**	1515.700	28.48	54.0	25.52	AV	157.00	400	Vertical	Pass
2	4192.250	47.57	74.0	26.43	Peak	1.00	100	Vertical	Pass
2**	4192.250	43.33	54.0	10.67	AV	1.00	100	Vertical	Pass
3	5238.250	105.05	--	--	Peak	179.00	150	Vertical	N/A
3**	5238.250	97.25	--	--	AV	179.00	150	Vertical	N/A
4	7657.000	53.24	74.0	20.76	Peak	296.00	200	Vertical	Pass
4**	7657.000	44.47	54.0	9.53	AV	296.00	200	Vertical	Pass
5	12508.463	53.32	74.0	20.68	Peak	177.00	150	Vertical	Pass
5**	12508.463	44.24	54.0	9.76	AV	177.00	150	Vertical	Pass
6	15403.875	54.11	74.0	19.89	Peak	18.00	200	Vertical	Pass
6**	15403.875	44.76	54.0	9.24	AV	18.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.100	37.99	74.0	36.01	Peak	263.00	400	Horizontal	Pass
1**	1609.100	28.90	54.0	25.10	AV	263.00	400	Horizontal	Pass
2	3638.250	43.57	74.0	30.43	Peak	21.00	100	Horizontal	Pass
2**	3638.250	43.20	54.0	10.80	AV	21.00	100	Horizontal	Pass
3	4144.250	45.95	74.0	28.05	Peak	274.00	100	Horizontal	Pass
3**	4144.250	43.19	54.0	10.81	AV	274.00	100	Horizontal	Pass
4	5177.750	104.50	--	--	Peak	40.00	150	Horizontal	N/A
4**	5177.750	96.32	--	--	AV	40.00	150	Horizontal	N/A
5	12513.688	53.45	74.0	20.55	Peak	149.00	150	Horizontal	Pass
5**	12513.688	44.45	54.0	9.55	AV	149.00	150	Horizontal	Pass
6	15439.838	54.08	74.0	19.92	Peak	167.00	200	Horizontal	Pass
6**	15439.838	43.88	54.0	10.12	AV	167.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.200	38.19	74.0	35.81	Peak	78.00	100	Vertical	Pass
1**	1622.200	28.89	54.0	25.11	AV	78.00	100	Vertical	Pass
2	4144.250	47.32	74.0	26.68	Peak	254.00	100	Vertical	Pass
2**	4144.250	42.16	54.0	11.84	AV	254.00	100	Vertical	Pass
3	5184.000	105.67	--	--	Peak	176.00	150	Vertical	N/A
3**	5184.000	98.23	--	--	AV	176.00	150	Vertical	N/A
4	7316.500	54.13	74.0	19.87	Peak	1.00	100	Vertical	Pass
4**	7316.500	44.23	54.0	9.77	AV	1.00	100	Vertical	Pass
5	12497.299	53.35	74.0	20.65	Peak	47.00	100	Vertical	Pass
5**	12497.299	44.22	54.0	9.78	AV	47.00	100	Vertical	Pass
6	16108.687	54.93	74.0	19.07	Peak	41.00	300	Vertical	Pass
6**	16108.687	44.48	54.0	9.52	AV	41.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	38.47	74.0	35.53	Peak	28.00	300	Horizontal	Pass
1**	1440.000	28.87	54.0	25.13	AV	28.00	300	Horizontal	Pass
2	4176.250	47.01	74.0	26.99	Peak	312.00	100	Horizontal	Pass
2**	4176.250	42.19	54.0	11.81	AV	312.00	100	Horizontal	Pass
3	5218.500	103.60	--	--	Peak	79.00	100	Horizontal	N/A
3**	5218.500	95.14	--	--	AV	79.00	100	Horizontal	N/A
4	7355.500	53.09	74.0	20.91	Peak	40.00	300	Horizontal	Pass
4**	7355.500	43.63	54.0	10.37	AV	40.00	300	Horizontal	Pass
5	12528.412	53.85	74.0	20.15	Peak	137.00	100	Horizontal	Pass
5**	12528.412	44.45	54.0	9.55	AV	137.00	100	Horizontal	Pass
6	16147.276	55.17	74.0	18.83	Peak	262.00	200	Horizontal	Pass
6**	16147.276	43.86	54.0	10.14	AV	262.00	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	1581.500	38.78	74.0	35.22	Peak	0.00	300	Vertical	Pass
1**	1581.500	28.18	54.0	25.82	AV	0.00	300	Vertical	Pass
2	4176.250	48.26	74.0	25.74	Peak	1.00	100	Vertical	Pass
2**	4176.250	43.54	54.0	10.46	AV	1.00	100	Vertical	Pass
3	5217.750	105.48	--	--	Peak	177.00	200	Vertical	N/A
3**	5217.750	97.88	--	--	AV	177.00	200	Vertical	N/A
4	7590.000	53.21	74.0	20.79	Peak	1.00	200	Vertical	Pass
4**	7590.000	43.83	54.0	10.17	AV	1.00	200	Vertical	Pass
5	12520.337	53.23	74.0	20.77	Peak	271.00	200	Vertical	Pass
5**	12520.337	44.48	54.0	9.52	AV	271.00	200	Vertical	Pass
6	16102.125	54.62	74.0	19.38	Peak	159.00	100	Vertical	Pass
6**	16102.125	45.08	54.0	8.92	AV	159.00	100	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	1442.400	38.42	74.0	35.58	Peak	147.00	100	Horizontal	Pass
1**	1442.400	28.91	54.0	25.09	AV	147.00	100	Horizontal	Pass
2	4192.000	47.35	74.0	26.65	Peak	294.00	100	Horizontal	Pass
2**	4192.000	42.67	54.0	11.33	AV	294.00	100	Horizontal	Pass
3	5241.000	103.02	--	--	Peak	140.00	150	Horizontal	N/A
3**	5241.000	95.88	--	--	AV	140.00	150	Horizontal	N/A
4	7356.000	53.68	74.0	20.32	Peak	360.00	200	Horizontal	Pass
4**	7356.000	43.59	54.0	10.41	AV	360.00	200	Horizontal	Pass
5	12498.487	52.73	74.0	21.27	Peak	339.00	150	Horizontal	Pass
5**	12498.487	43.91	54.0	10.09	AV	339.00	150	Horizontal	Pass
6	15896.325	54.24	74.0	19.76	Peak	123.00	300	Horizontal	Pass
6**	15896.325	44.62	54.0	9.38	AV	123.00	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	1580.400	38.45	74.0	35.55	Peak	112.00	200	Vertical	Pass
1**	1580.400	28.66	54.0	25.34	AV	112.00	200	Vertical	Pass
2	4192.250	47.41	74.0	26.59	Peak	360.00	100	Vertical	Pass
2**	4192.250	43.36	54.0	10.64	AV	360.00	100	Vertical	Pass
3	5242.000	104.78	--	--	Peak	176.00	150	Vertical	N/A
3**	5242.000	97.34	--	--	AV	176.00	150	Vertical	N/A
4	7427.500	53.40	74.0	20.60	Peak	1.00	200	Vertical	Pass
4**	7427.500	43.74	54.0	10.26	AV	1.00	200	Vertical	Pass
5	12524.849	53.12	74.0	20.88	Peak	164.00	200	Vertical	Pass
5**	12524.849	43.93	54.0	10.07	AV	164.00	200	Vertical	Pass
6	15907.613	54.10	74.0	19.90	Peak	357.00	100	Vertical	Pass
6**	15907.613	44.59	54.0	9.41	AV	357.00	100	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	1451.800	38.19	74.0	35.81	Peak	82.00	400	Horizontal	Pass
1**	1451.800	28.97	54.0	25.03	AV	82.00	400	Horizontal	Pass
2	4230.500	47.28	74.0	26.72	Peak	0.00	400	Horizontal	Pass
2**	4230.500	37.67	54.0	16.33	AV	0.00	400	Horizontal	Pass
3	5186.250	97.06	--	--	Peak	17.00	200	Horizontal	N/A
3**	5186.250	88.83	--	--	AV	17.00	200	Horizontal	N/A
4	7421.750	53.46	74.0	20.54	Peak	192.00	400	Horizontal	Pass
4**	7421.750	43.61	54.0	10.39	AV	192.00	400	Horizontal	Pass
5	12549.787	52.95	74.0	21.05	Peak	140.00	200	Horizontal	Pass
5**	12549.787	43.50	54.0	10.50	AV	140.00	200	Horizontal	Pass
6	16108.425	54.06	74.0	19.94	Peak	110.00	100	Horizontal	Pass
6**	16108.425	44.69	54.0	9.31	AV	110.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.300	38.56	74.0	35.44	Peak	110.00	100	Vertical	Pass
1**	1458.300	28.75	54.0	25.25	AV	110.00	100	Vertical	Pass
2	4335.500	47.33	74.0	26.67	Peak	234.00	400	Vertical	Pass
2**	4335.500	38.52	54.0	15.48	AV	234.00	400	Vertical	Pass
3	5185.000	99.58	--	--	Peak	156.00	200	Vertical	N/A
3**	5185.000	91.78	--	--	AV	156.00	200	Vertical	N/A
4	7365.500	53.25	74.0	20.75	Peak	175.00	400	Vertical	Pass
4**	7365.500	43.51	54.0	10.49	AV	175.00	400	Vertical	Pass
5	12520.813	52.89	74.0	21.11	Peak	6.00	150	Vertical	Pass
5**	12520.813	44.58	54.0	9.42	AV	6.00	150	Vertical	Pass
6	16142.812	54.64	74.0	19.36	Peak	173.00	100	Vertical	Pass
6**	16142.812	45.20	54.0	8.80	AV	173.00	100	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	1472.800	38.35	74.0	35.65	Peak	101.00	200	Horizontal	Pass
1**	1472.800	28.68	54.0	25.32	AV	101.00	200	Horizontal	Pass
2	4184.000	46.04	74.0	27.96	Peak	329.00	100	Horizontal	Pass
2**	4184.000	41.96	54.0	12.04	AV	329.00	100	Horizontal	Pass
3	5233.500	99.98	--	--	Peak	54.00	200	Horizontal	N/A
3**	5233.500	92.74	--	--	AV	54.00	200	Horizontal	N/A
4	7611.750	53.06	74.0	20.94	Peak	0.00	100	Horizontal	Pass
4**	7611.750	43.82	54.0	10.18	AV	0.00	100	Horizontal	Pass
5	12498.487	53.57	74.0	20.43	Peak	45.00	150	Horizontal	Pass
5**	12498.487	44.13	54.0	9.87	AV	45.00	150	Horizontal	Pass
6	16113.150	55.09	74.0	18.91	Peak	239.00	400	Horizontal	Pass
6**	16113.150	45.14	54.0	8.86	AV	239.00	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	1480.200	38.28	74.0	35.72	Peak	43.00	200	Vertical	Pass
1**	1480.200	29.03	54.0	24.97	AV	43.00	200	Vertical	Pass
2	4184.250	48.87	74.0	25.13	Peak	0.00	100	Vertical	Pass
2**	4184.250	43.68	54.0	10.32	AV	0.00	100	Vertical	Pass
3	5233.750	102.21	--	--	Peak	154.00	200	Vertical	N/A
3**	5233.750	94.64	--	--	AV	154.00	200	Vertical	N/A
4	7486.250	53.80	74.0	20.20	Peak	154.00	400	Vertical	Pass
4**	7486.250	44.15	54.0	9.85	AV	154.00	400	Vertical	Pass
5	12497.776	53.15	74.0	20.85	Peak	123.00	200	Vertical	Pass
5**	12497.776	43.84	54.0	10.16	AV	123.00	200	Vertical	Pass
6	15689.737	54.05	74.0	19.95	Peak	300.00	400	Vertical	Pass
6**	15689.737	43.97	54.0	10.03	AV	300.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.800	38.65	74.0	35.35	Peak	183.00	400	Horizontal	Pass
1**	1449.800	29.16	54.0	24.84	AV	183.00	400	Horizontal	Pass
2	4320.250	47.52	74.0	26.48	Peak	196.00	200	Horizontal	Pass
2**	4320.250	38.36	54.0	15.64	AV	196.00	200	Horizontal	Pass
3	5179.000	104.31	--	--	Peak	19.00	100	Horizontal	N/A
3**	5179.000	96.74	--	--	AV	19.00	100	Horizontal	N/A
4	7606.250	53.11	74.0	20.89	Peak	351.00	300	Horizontal	Pass
4**	7606.250	44.72	54.0	9.28	AV	351.00	300	Horizontal	Pass
5	12502.525	53.92	74.0	20.08	Peak	254.00	150	Horizontal	Pass
5**	12502.525	44.30	54.0	9.70	AV	254.00	150	Horizontal	Pass
6	15900.787	53.73	74.0	20.27	Peak	161.00	100	Horizontal	Pass
6**	15900.787	44.92	54.0	9.08	AV	161.00	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	1605.600	38.53	74.0	35.47	Peak	280.00	100	Vertical	Pass
1**	1605.600	29.61	54.0	24.39	AV	280.00	100	Vertical	Pass
2	4143.750	47.80	74.0	26.20	Peak	21.00	100	Vertical	Pass
2**	4143.750	40.65	54.0	13.35	AV	21.00	100	Vertical	Pass
3	5181.500	106.31	--	--	Peak	178.00	150	Vertical	N/A
3**	5181.500	98.48	--	--	AV	178.00	150	Vertical	N/A
4	7357.750	53.24	74.0	20.76	Peak	81.00	100	Vertical	Pass
4**	7357.750	44.87	54.0	9.13	AV	81.00	100	Vertical	Pass
5	12523.662	53.14	74.0	20.86	Peak	291.00	200	Vertical	Pass
5**	12523.662	44.71	54.0	9.29	AV	291.00	200	Vertical	Pass
6	15893.175	53.87	74.0	20.13	Peak	286.00	300	Vertical	Pass
6**	15893.175	45.37	54.0	8.63	AV	286.00	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	1450.700	38.49	74.0	35.51	Peak	359.00	200	Horizontal	Pass
1**	1450.700	29.67	54.0	24.33	AV	359.00	200	Horizontal	Pass
2	4176.250	46.28	74.0	27.72	Peak	312.00	100	Horizontal	Pass
2**	4176.250	42.88	54.0	11.12	AV	312.00	100	Horizontal	Pass
3	5222.000	103.15	--	--	Peak	79.00	150	Horizontal	N/A
3**	5222.000	95.54	--	--	AV	79.00	150	Horizontal	N/A
4	7597.500	53.11	74.0	20.89	Peak	79.00	200	Horizontal	Pass
4**	7597.500	44.14	54.0	9.86	AV	79.00	200	Horizontal	Pass
5	12439.588	53.33	74.0	20.67	Peak	251.00	200	Horizontal	Pass
5**	12439.588	43.78	54.0	10.22	AV	251.00	200	Horizontal	Pass
6	15901.575	54.12	74.0	19.88	Peak	40.00	100	Horizontal	Pass
6**	15901.575	45.94	54.0	8.06	AV	40.00	100	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	1590.600	38.17	74.0	35.83	Peak	314.00	200	Vertical	Pass
1**	1590.600	28.63	54.0	25.37	AV	314.00	200	Vertical	Pass
2	4176.250	49.51	74.0	24.49	Peak	360.00	100	Vertical	Pass
2**	4176.250	44.01	54.0	9.99	AV	360.00	100	Vertical	Pass
3	5218.250	105.98	--	--	Peak	176.00	150	Vertical	N/A
3**	5218.250	99.20	--	--	AV	176.00	150	Vertical	N/A
4	7600.500	53.42	74.0	20.58	Peak	0.00	200	Vertical	Pass
4**	7600.500	44.73	54.0	9.27	AV	0.00	200	Vertical	Pass
5	12475.924	53.11	74.0	20.89	Peak	342.00	200	Vertical	Pass
5**	12475.924	43.70	54.0	10.30	AV	342.00	200	Vertical	Pass
6	15886.349	54.72	74.0	19.28	Peak	87.00	200	Vertical	Pass
6**	15886.349	45.23	54.0	8.77	AV	87.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.000	38.70	74.0	35.30	Peak	313.00	100	Horizontal	Pass
1**	1443.000	29.51	54.0	24.49	AV	313.00	100	Horizontal	Pass
2	4192.500	46.55	74.0	27.45	Peak	291.00	100	Horizontal	Pass
2**	4192.500	42.38	54.0	11.62	AV	291.00	100	Horizontal	Pass
3	5239.000	102.80	--	--	Peak	137.00	150	Horizontal	N/A
3**	5239.000	95.52	--	--	AV	137.00	150	Horizontal	N/A
4	7608.750	53.73	74.0	20.27	Peak	176.00	400	Horizontal	Pass
4**	7608.750	43.97	54.0	10.03	AV	176.00	400	Horizontal	Pass
5	12499.675	53.21	74.0	20.79	Peak	358.00	150	Horizontal	Pass
5**	12499.675	43.77	54.0	10.23	AV	358.00	150	Horizontal	Pass
6	15910.500	53.85	74.0	20.15	Peak	342.00	300	Horizontal	Pass
6**	15910.500	44.67	54.0	9.33	AV	342.00	300	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	1604.500	38.51	74.0	35.49	Peak	114.00	200	Vertical	Pass
1**	1604.500	28.79	54.0	25.21	AV	114.00	200	Vertical	Pass
2	4192.250	48.02	74.0	25.98	Peak	19.00	100	Vertical	Pass
2**	4192.250	43.32	54.0	10.68	AV	19.00	100	Vertical	Pass
3	5239.250	106.36	--	--	Peak	174.00	150	Vertical	N/A
3**	5239.250	98.11	--	--	AV	174.00	150	Vertical	N/A
4	7711.250	53.18	74.0	20.82	Peak	77.00	400	Vertical	Pass
4**	7711.250	43.61	54.0	10.39	AV	77.00	400	Vertical	Pass
5	12475.450	53.95	74.0	20.05	Peak	341.00	100	Vertical	Pass
5**	12475.450	43.98	54.0	10.02	AV	341.00	100	Vertical	Pass
6	16140.450	54.04	74.0	19.96	Peak	273.00	100	Vertical	Pass
6**	16140.450	45.29	54.0	8.71	AV	273.00	100	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	1489.300	38.19	74.0	35.81	Peak	279.00	100	Horizontal	Pass
1**	1489.300	28.55	54.0	25.45	AV	279.00	100	Horizontal	Pass
2	3786.500	50.70	74.0	23.30	Peak	337.00	100	Horizontal	Pass
2**	3786.500	48.35	54.0	5.65	AV	337.00	100	Horizontal	Pass
3	5188.000	101.10	--	--	Peak	4.00	150	Horizontal	N/A
3**	5188.000	93.45	--	--	AV	4.00	150	Horizontal	N/A
4	7374.000	53.74	74.0	20.26	Peak	298.00	400	Horizontal	Pass
4**	7374.000	44.72	54.0	9.28	AV	298.00	400	Horizontal	Pass
5	12420.112	53.27	74.0	20.73	Peak	2.00	150	Horizontal	Pass
5**	12420.112	43.68	54.0	10.32	AV	2.00	150	Horizontal	Pass
6	15906.037	55.25	74.0	18.75	Peak	179.00	200	Horizontal	Pass
6**	15906.037	45.19	54.0	8.81	AV	179.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.900	38.43	74.0	35.57	Peak	50.00	100	Vertical	Pass
1**	1578.900	30.01	54.0	23.99	AV	50.00	100	Vertical	Pass
2	4152.500	47.30	74.0	26.70	Peak	360.00	100	Vertical	Pass
2**	4152.500	42.45	54.0	11.55	AV	360.00	100	Vertical	Pass
3	5186.250	103.33	--	--	Peak	169.00	100	Vertical	N/A
3**	5186.250	95.69	--	--	AV	169.00	100	Vertical	N/A
4	7307.250	53.30	74.0	20.70	Peak	127.00	400	Vertical	Pass
4**	7307.250	43.20	54.0	10.80	AV	127.00	400	Vertical	Pass
5	12492.550	53.39	74.0	20.61	Peak	174.00	100	Vertical	Pass
5**	12492.550	43.93	54.0	10.07	AV	174.00	100	Vertical	Pass
6	16128.113	54.39	74.0	19.61	Peak	219.00	200	Vertical	Pass
6**	16128.113	45.26	54.0	8.74	AV	219.00	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	1458.700	38.37	74.0	35.63	Peak	6.00	400	Horizontal	Pass
1**	1458.700	28.82	54.0	25.18	AV	6.00	400	Horizontal	Pass
2	4184.250	46.71	74.0	27.29	Peak	117.00	100	Horizontal	Pass
2**	4184.250	41.58	54.0	12.42	AV	117.00	100	Horizontal	Pass
3	5231.500	99.83	--	--	Peak	57.00	100	Horizontal	N/A
3**	5231.500	93.36	--	--	AV	57.00	100	Horizontal	N/A
4	7436.750	53.29	74.0	20.71	Peak	0.00	300	Horizontal	Pass
4**	7436.750	43.18	54.0	10.82	AV	0.00	300	Horizontal	Pass
5	12501.338	53.34	74.0	20.66	Peak	6.00	100	Horizontal	Pass
5**	12501.338	44.20	54.0	9.80	AV	6.00	100	Horizontal	Pass
6	15879.788	54.73	74.0	19.27	Peak	210.00	100	Horizontal	Pass
6**	15879.788	45.06	54.0	8.94	AV	210.00	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	1531.300	39.06	74.0	34.94	Peak	48.00	200	Vertical	Pass
1**	1531.300	29.26	54.0	24.74	AV	48.00	200	Vertical	Pass
2	4184.500	47.27	74.0	26.73	Peak	354.00	100	Vertical	Pass
2**	4184.500	43.08	54.0	10.92	AV	354.00	100	Vertical	Pass
3	5233.750	102.28	--	--	Peak	154.00	100	Vertical	N/A
3**	5233.750	94.66	--	--	AV	154.00	100	Vertical	N/A
4	7355.500	53.68	74.0	20.32	Peak	0.00	100	Vertical	Pass
4**	7355.500	44.50	54.0	9.50	AV	0.00	100	Vertical	Pass
5	12474.500	53.50	74.0	20.50	Peak	330.00	200	Vertical	Pass
5**	12474.500	43.54	54.0	10.46	AV	330.00	200	Vertical	Pass
6	16154.888	54.97	74.0	19.03	Peak	354.00	400	Vertical	Pass
6**	16154.888	44.51	54.0	9.49	AV	354.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.000	38.04	74.0	35.96	Peak	129.00	200	Horizontal	Pass
1**	1487.000	28.65	54.0	25.35	AV	129.00	200	Horizontal	Pass
2	4057.250	47.03	74.0	26.97	Peak	0.00	200	Horizontal	Pass
2**	4057.250	36.42	54.0	17.58	AV	0.00	200	Horizontal	Pass
3	5207.500	93.64	--	--	Peak	54.00	200	Horizontal	N/A
3**	5207.500	86.38	--	--	AV	54.00	200	Horizontal	N/A
4	7360.000	53.36	74.0	20.64	Peak	15.00	400	Horizontal	Pass
4**	7360.000	44.54	54.0	9.46	AV	15.00	400	Horizontal	Pass
5	12487.562	53.95	74.0	20.05	Peak	29.00	200	Horizontal	Pass
5**	12487.562	44.00	54.0	10.00	AV	29.00	200	Horizontal	Pass
6	15675.037	54.28	74.0	19.72	Peak	0.00	100	Horizontal	Pass
6**	15675.037	43.74	54.0	10.26	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.600	39.62	74.0	34.38	Peak	270.00	200	Vertical	Pass
1**	1610.600	28.97	54.0	25.03	AV	270.00	200	Vertical	Pass
2	4350.500	47.28	74.0	26.72	Peak	0.00	400	Vertical	Pass
2**	4350.500	38.10	54.0	15.90	AV	0.00	400	Vertical	Pass
3	5206.250	94.59	--	--	Peak	331.00	200	Vertical	N/A
3**	5206.250	87.40	--	--	AV	331.00	200	Vertical	N/A
4	7583.750	53.05	74.0	20.95	Peak	57.00	300	Vertical	Pass
4**	7583.750	45.66	54.0	8.34	AV	57.00	300	Vertical	Pass
5	12484.950	53.59	74.0	20.41	Peak	303.00	100	Vertical	Pass
5**	12484.950	44.48	54.0	9.52	AV	303.00	100	Vertical	Pass
6	15847.500	54.02	74.0	19.98	Peak	7.00	200	Vertical	Pass
6**	15847.500	43.45	54.0	10.55	AV	7.00	200	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	1619.700	38.60	74.0	35.40	Peak	30.00	200	Horizontal	Pass
1**	1619.700	29.01	54.0	24.99	AV	30.00	200	Horizontal	Pass
2	4208.000	48.48	74.0	25.52	Peak	292.00	100	Horizontal	Pass
2**	4208.000	42.08	54.0	11.92	AV	292.00	100	Horizontal	Pass
3	5262.250	102.55	--	--	Peak	113.00	100	Horizontal	N/A
3**	5262.250	95.53	--	--	AV	113.00	100	Horizontal	N/A
4	7306.750	53.14	74.0	20.86	Peak	56.00	400	Horizontal	Pass
4**	7306.750	43.37	54.0	10.63	AV	56.00	400	Horizontal	Pass
5	12409.662	53.45	74.0	20.55	Peak	31.00	100	Horizontal	Pass
5**	12409.662	43.41	54.0	10.59	AV	31.00	100	Horizontal	Pass
6	15436.425	53.92	74.0	20.08	Peak	59.00	400	Horizontal	Pass
6**	15436.425	44.49	54.0	9.51	AV	59.00	400	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	1484.500	38.38	74.0	35.62	Peak	164.00	100	Vertical	Pass
1**	1484.500	28.67	54.0	25.33	AV	164.00	100	Vertical	Pass
2	4208.250	48.17	74.0	25.83	Peak	354.00	100	Vertical	Pass
2**	4208.250	43.84	54.0	10.16	AV	354.00	100	Vertical	Pass
3	5259.000	104.51	--	--	Peak	156.00	150	Vertical	N/A
3**	5259.000	97.14	--	--	AV	156.00	150	Vertical	N/A
4	7360.500	52.79	74.0	21.21	Peak	78.00	300	Vertical	Pass
4**	7360.500	43.98	54.0	10.02	AV	78.00	300	Vertical	Pass
5	12493.737	53.46	74.0	20.54	Peak	6.00	100	Vertical	Pass
5**	12493.737	44.33	54.0	9.67	AV	6.00	100	Vertical	Pass
6	15886.349	53.95	74.0	20.05	Peak	264.00	400	Vertical	Pass
6**	15886.349	44.60	54.0	9.40	AV	264.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.500	38.71	74.0	35.29	Peak	111.00	200	Horizontal	Pass
1**	1462.500	28.71	54.0	25.29	AV	111.00	200	Horizontal	Pass
2	4205.500	47.65	74.0	26.35	Peak	327.00	300	Horizontal	Pass
2**	4205.500	37.71	54.0	16.29	AV	327.00	300	Horizontal	Pass
3	5298.500	103.09	--	--	Peak	130.00	200	Horizontal	N/A
3**	5298.500	95.97	--	--	AV	130.00	200	Horizontal	N/A
4	7358.750	53.23	74.0	20.77	Peak	210.00	100	Horizontal	Pass
4**	7358.750	44.25	54.0	9.75	AV	210.00	100	Horizontal	Pass
5	12475.213	53.75	74.0	20.25	Peak	360.00	150	Horizontal	Pass
5**	12475.213	44.28	54.0	9.72	AV	360.00	150	Horizontal	Pass
6	15904.725	53.94	74.0	20.06	Peak	314.00	300	Horizontal	Pass
6**	15904.725	44.73	54.0	9.27	AV	314.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.700	38.43	74.0	35.57	Peak	33.00	200	Vertical	Pass
1**	1526.700	28.36	54.0	25.64	AV	33.00	200	Vertical	Pass
2	4338.000	47.56	74.0	26.44	Peak	91.00	100	Vertical	Pass
2**	4338.000	38.36	54.0	15.64	AV	91.00	100	Vertical	Pass
3	5301.500	103.92	--	--	Peak	354.00	200	Vertical	N/A
3**	5301.500	96.39	--	--	AV	354.00	200	Vertical	N/A
4	7602.000	53.30	74.0	20.70	Peak	229.00	400	Vertical	Pass
4**	7602.000	43.32	54.0	10.68	AV	229.00	400	Vertical	Pass
5	12564.750	53.19	74.0	20.81	Peak	333.00	200	Vertical	Pass
5**	12564.750	43.16	54.0	10.84	AV	333.00	200	Vertical	Pass
6	16109.737	54.05	74.0	19.95	Peak	327.00	400	Vertical	Pass
6**	16109.737	44.87	54.0	9.13	AV	327.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.500	38.14	74.0	35.86	Peak	356.00	100	Horizontal	Pass
1**	1534.500	29.09	54.0	24.91	AV	356.00	100	Horizontal	Pass
2	4329.250	47.15	74.0	26.85	Peak	71.00	100	Horizontal	Pass
2**	4329.250	37.79	54.0	16.21	AV	71.00	100	Horizontal	Pass
3	5319.500	102.37	--	--	Peak	130.00	150	Horizontal	N/A
3**	5319.500	94.54	--	--	AV	130.00	150	Horizontal	N/A
4	7614.250	53.17	74.0	20.83	Peak	91.00	200	Horizontal	Pass
4**	7614.250	43.86	54.0	10.14	AV	91.00	200	Horizontal	Pass
5	12523.187	52.87	74.0	21.13	Peak	308.00	150	Horizontal	Pass
5**	12523.187	45.00	54.0	9.00	AV	308.00	150	Horizontal	Pass
6	16135.725	54.13	74.0	19.87	Peak	71.00	300	Horizontal	Pass
6**	16135.725	45.30	54.0	8.70	AV	71.00	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	1453.400	38.97	74.0	35.03	Peak	193.00	200	Vertical	Pass
1**	1453.400	29.41	54.0	24.59	AV	193.00	200	Vertical	Pass
2	4338.000	47.34	74.0	26.66	Peak	325.00	300	Vertical	Pass
2**	4338.000	38.75	54.0	15.25	AV	325.00	300	Vertical	Pass
3	5321.000	102.36	--	--	Peak	325.00	100	Vertical	N/A
3**	5321.000	95.23	--	--	AV	325.00	100	Vertical	N/A
4	7362.500	53.08	74.0	20.92	Peak	286.00	300	Vertical	Pass
4**	7362.500	43.75	54.0	10.25	AV	286.00	300	Vertical	Pass
5	12525.799	53.58	74.0	20.42	Peak	312.00	100	Vertical	Pass
5**	12525.799	44.33	54.0	9.67	AV	312.00	100	Vertical	Pass
6	15923.100	54.39	74.0	19.61	Peak	93.00	300	Vertical	Pass
6**	15923.100	45.29	54.0	8.71	AV	93.00	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	1473.700	38.63	74.0	35.37	Peak	78.00	100	Horizontal	Pass
1**	1473.700	29.11	54.0	24.89	AV	78.00	100	Horizontal	Pass
2	4208.500	46.64	74.0	27.36	Peak	193.00	100	Horizontal	Pass
2**	4208.500	42.05	54.0	11.95	AV	193.00	100	Horizontal	Pass
3	5259.250	102.59	--	--	Peak	115.00	100	Horizontal	N/A
3**	5259.250	95.93	--	--	AV	115.00	100	Horizontal	N/A
4	7483.250	53.76	74.0	20.24	Peak	134.00	100	Horizontal	Pass
4**	7483.250	44.61	54.0	9.39	AV	134.00	100	Horizontal	Pass
5	12498.725	53.25	74.0	20.75	Peak	60.00	150	Horizontal	Pass
5**	12498.725	44.86	54.0	9.14	AV	60.00	150	Horizontal	Pass
6	15909.450	54.43	74.0	19.57	Peak	181.00	200	Horizontal	Pass
6**	15909.450	44.60	54.0	9.40	AV	181.00	200	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	1503.200	38.98	74.0	35.02	Peak	308.00	200	Vertical	Pass
1**	1503.200	28.03	54.0	25.97	AV	308.00	200	Vertical	Pass
2	4208.250	48.20	74.0	25.80	Peak	17.00	100	Vertical	Pass
2**	4208.250	44.86	54.0	9.14	AV	17.00	100	Vertical	Pass
3	5257.500	104.00	--	--	Peak	331.00	100	Vertical	N/A
3**	5257.500	96.32	--	--	AV	331.00	100	Vertical	N/A
4	7359.500	53.40	74.0	20.60	Peak	0.00	100	Vertical	Pass
4**	7359.500	44.52	54.0	9.48	AV	0.00	100	Vertical	Pass
5	12500.388	53.05	74.0	20.95	Peak	249.00	150	Vertical	Pass
5**	12500.388	44.10	54.0	9.90	AV	249.00	150	Vertical	Pass
6	15893.437	54.07	74.0	19.93	Peak	117.00	200	Vertical	Pass
6**	15893.437	45.20	54.0	8.80	AV	117.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.300	39.16	74.0	34.84	Peak	184.00	400	Horizontal	Pass
1**	1613.300	28.99	54.0	25.01	AV	184.00	400	Horizontal	Pass
2	4240.250	47.45	74.0	26.55	Peak	305.00	400	Horizontal	Pass
2**	4240.250	39.72	54.0	14.28	AV	305.00	400	Horizontal	Pass
3	5301.250	103.24	--	--	Peak	110.00	200	Horizontal	N/A
3**	5301.250	95.69	--	--	AV	110.00	200	Horizontal	N/A
4	7593.000	53.14	74.0	20.86	Peak	0.00	100	Horizontal	Pass
4**	7593.000	43.61	54.0	10.39	AV	0.00	100	Horizontal	Pass
5	12515.112	53.69	74.0	20.31	Peak	344.00	200	Horizontal	Pass
5**	12515.112	44.06	54.0	9.94	AV	344.00	200	Horizontal	Pass
6	16086.638	53.77	74.0	20.23	Peak	81.00	100	Horizontal	Pass
6**	16086.638	44.44	54.0	9.56	AV	81.00	100	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	1606.400	39.39	74.0	34.61	Peak	87.00	200	Vertical	Pass
1**	1606.400	29.21	54.0	24.79	AV	87.00	200	Vertical	Pass
2	4049.500	47.36	74.0	26.64	Peak	112.00	400	Vertical	Pass
2**	4049.500	39.28	54.0	14.72	AV	112.00	400	Vertical	Pass
3	5301.750	104.11	--	--	Peak	329.00	100	Vertical	N/A
3**	5301.750	96.56	--	--	AV	329.00	100	Vertical	N/A
4	7645.250	53.19	74.0	20.81	Peak	191.00	200	Vertical	Pass
4**	7645.250	44.67	54.0	9.33	AV	191.00	200	Vertical	Pass
5	12544.326	53.44	74.0	20.56	Peak	191.00	100	Vertical	Pass
5**	12544.326	43.13	54.0	10.87	AV	191.00	100	Vertical	Pass
6	16095.037	54.43	74.0	19.57	Peak	64.00	100	Vertical	Pass
6**	16095.037	45.21	54.0	8.79	AV	64.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.500	38.34	74.0	35.66	Peak	203.00	400	Horizontal	Pass
1**	1441.500	29.51	54.0	24.49	AV	203.00	400	Horizontal	Pass
2	4320.500	47.35	74.0	26.65	Peak	308.00	200	Horizontal	Pass
2**	4320.500	38.04	54.0	15.96	AV	308.00	200	Horizontal	Pass
3	5321.250	101.86	--	--	Peak	130.00	200	Horizontal	N/A
3**	5321.250	94.38	--	--	AV	130.00	200	Horizontal	N/A
4	7361.250	53.04	74.0	20.96	Peak	327.00	300	Horizontal	Pass
4**	7361.250	43.33	54.0	10.67	AV	327.00	300	Horizontal	Pass
5	12483.526	53.79	74.0	20.21	Peak	9.00	200	Horizontal	Pass
5**	12483.526	43.69	54.0	10.31	AV	9.00	200	Horizontal	Pass
6	15895.276	54.17	74.0	19.83	Peak	39.00	200	Horizontal	Pass
6**	15895.276	45.82	54.0	8.18	AV	39.00	200	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	1612.600	38.82	74.0	35.18	Peak	94.00	200	Vertical	Pass
1**	1612.600	28.94	54.0	25.06	AV	94.00	200	Vertical	Pass
2	3986.500	47.09	74.0	26.91	Peak	91.00	400	Vertical	Pass
2**	3986.500	37.64	54.0	16.36	AV	91.00	400	Vertical	Pass
3	5321.250	102.70	--	--	Peak	327.00	100	Vertical	N/A
3**	5321.250	95.01	--	--	AV	327.00	100	Vertical	N/A
4	7333.000	52.95	74.0	21.05	Peak	268.00	300	Vertical	Pass
4**	7333.000	43.10	54.0	10.90	AV	268.00	300	Vertical	Pass
5	12508.937	53.32	74.0	20.68	Peak	150.00	100	Vertical	Pass
5**	12508.937	44.42	54.0	9.58	AV	150.00	100	Vertical	Pass
6	16117.613	53.95	74.0	20.05	Peak	35.00	300	Vertical	Pass
6**	16117.613	44.94	54.0	9.06	AV	35.00	300	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	1556.800	38.60	74.0	35.40	Peak	157.00	300	Horizontal	Pass
1**	1556.800	28.44	54.0	25.56	AV	157.00	300	Horizontal	Pass
2	4216.250	45.79	74.0	28.21	Peak	302.00	100	Horizontal	Pass
2**	4216.250	41.70	54.0	12.30	AV	302.00	100	Horizontal	Pass
3	5268.500	100.06	--	--	Peak	134.00	150	Horizontal	N/A
3**	5268.500	92.67	--	--	AV	134.00	150	Horizontal	N/A
4	7612.750	52.95	74.0	21.05	Peak	174.00	400	Horizontal	Pass
4**	7612.750	43.72	54.0	10.28	AV	174.00	400	Horizontal	Pass
5	12513.925	53.50	74.0	20.50	Peak	169.00	100	Horizontal	Pass
5**	12513.925	43.79	54.0	10.21	AV	169.00	100	Horizontal	Pass
6	16132.050	54.10	74.0	19.90	Peak	198.00	200	Horizontal	Pass
6**	16132.050	45.14	54.0	8.86	AV	198.00	200	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	1604.000	38.32	74.0	35.68	Peak	309.00	300	Vertical	Pass
1**	1604.000	28.48	54.0	25.52	AV	309.00	300	Vertical	Pass
2	4216.500	46.77	74.0	27.23	Peak	0.00	100	Vertical	Pass
2**	4216.500	43.40	54.0	10.60	AV	0.00	100	Vertical	Pass
3	5268.500	101.83	--	--	Peak	322.00	150	Vertical	N/A
3**	5268.500	93.80	--	--	AV	322.00	150	Vertical	N/A
4	7486.000	53.11	74.0	20.89	Peak	94.00	200	Vertical	Pass
4**	7486.000	44.41	54.0	9.59	AV	94.00	200	Vertical	Pass
5	12470.938	53.79	74.0	20.21	Peak	322.00	200	Vertical	Pass
5**	12470.938	44.29	54.0	9.71	AV	322.00	200	Vertical	Pass
6	15901.575	54.15	74.0	19.85	Peak	193.00	400	Vertical	Pass
6**	15901.575	45.81	54.0	8.19	AV	193.00	400	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	1472.400	39.10	74.0	34.90	Peak	360.00	100	Horizontal	Pass
1**	1472.400	28.75	54.0	25.25	AV	360.00	100	Horizontal	Pass
2	4232.750	47.08	74.0	26.92	Peak	351.00	100	Horizontal	Pass
2**	4232.750	37.26	54.0	16.74	AV	351.00	100	Horizontal	Pass
3	5305.500	95.60	--	--	Peak	127.00	150	Horizontal	N/A
3**	5305.500	87.80	--	--	AV	127.00	150	Horizontal	N/A
4	7606.500	53.52	74.0	20.48	Peak	0.00	300	Horizontal	Pass
4**	7606.500	44.10	54.0	9.90	AV	0.00	300	Horizontal	Pass
5	12530.787	52.96	74.0	21.04	Peak	169.00	150	Horizontal	Pass
5**	12530.787	44.30	54.0	9.70	AV	169.00	150	Horizontal	Pass
6	15887.925	54.00	74.0	20.00	Peak	251.00	200	Horizontal	Pass
6**	15887.925	46.36	54.0	7.64	AV	251.00	200	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	1568.300	39.25	74.0	34.75	Peak	104.00	100	Vertical	Pass
1**	1568.300	29.85	54.0	24.15	AV	104.00	100	Vertical	Pass
2	4255.500	47.42	74.0	26.58	Peak	0.00	200	Vertical	Pass
2**	4255.500	38.39	54.0	15.61	AV	0.00	200	Vertical	Pass
3	5306.000	96.96	--	--	Peak	327.00	100	Vertical	N/A
3**	5306.000	89.35	--	--	AV	327.00	100	Vertical	N/A
4	7587.500	52.90	74.0	21.10	Peak	288.00	100	Vertical	Pass
4**	7587.500	43.78	54.0	10.22	AV	288.00	100	Vertical	Pass
5	12469.512	53.41	74.0	20.59	Peak	217.00	100	Vertical	Pass
5**	12469.512	43.71	54.0	10.29	AV	217.00	100	Vertical	Pass
6	16107.900	54.33	74.0	19.67	Peak	169.00	200	Vertical	Pass
6**	16107.900	44.65	54.0	9.35	AV	169.00	200	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	1620.600	38.20	74.0	35.80	Peak	77.00	200	Horizontal	Pass
1**	1620.600	29.37	54.0	24.63	AV	77.00	200	Horizontal	Pass
2	4208.250	47.16	74.0	26.84	Peak	288.00	100	Horizontal	Pass
2**	4208.250	42.46	54.0	11.54	AV	288.00	100	Horizontal	Pass
3	5258.750	102.05	--	--	Peak	127.00	150	Horizontal	N/A
3**	5258.750	96.45	--	--	AV	127.00	150	Horizontal	N/A
4	7601.750	53.53	74.0	20.47	Peak	47.00	200	Horizontal	Pass
4**	7601.750	44.90	54.0	9.10	AV	47.00	200	Horizontal	Pass
5	12013.275	52.89	74.0	21.11	Peak	267.00	200	Horizontal	Pass
5**	12013.275	42.73	54.0	11.27	AV	267.00	200	Horizontal	Pass
6	16091.099	54.08	74.0	19.92	Peak	0.00	300	Horizontal	Pass
6**	16091.099	45.03	54.0	8.97	AV	0.00	300	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	1565.800	38.95	74.0	35.05	Peak	103.00	200	Vertical	Pass
1**	1565.800	28.37	54.0	25.63	AV	103.00	200	Vertical	Pass
2	4208.250	48.44	74.0	25.56	Peak	0.00	100	Vertical	Pass
2**	4208.250	43.68	54.0	10.32	AV	0.00	100	Vertical	Pass
3	5258.750	104.38	--	--	Peak	327.00	150	Vertical	N/A
3**	5258.750	97.01	--	--	AV	327.00	150	Vertical	N/A
4	7605.750	52.82	74.0	21.18	Peak	73.00	200	Vertical	Pass
4**	7605.750	43.73	54.0	10.27	AV	73.00	200	Vertical	Pass
5	12508.225	52.61	74.0	21.39	Peak	239.00	100	Vertical	Pass
5**	12508.225	44.35	54.0	9.65	AV	239.00	100	Vertical	Pass
6	16093.987	54.28	74.0	19.72	Peak	353.00	200	Vertical	Pass
6**	16093.987	45.31	54.0	8.69	AV	353.00	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	1611.600	38.67	74.0	35.33	Peak	237.00	200	Horizontal	Pass
1**	1611.600	29.06	54.0	24.94	AV	237.00	200	Horizontal	Pass
2	3980.250	47.26	74.0	26.74	Peak	0.00	100	Horizontal	Pass
2**	3980.250	37.20	54.0	16.80	AV	0.00	100	Horizontal	Pass
3	5297.250	103.63	--	--	Peak	132.00	200	Horizontal	N/A
3**	5297.250	96.16	--	--	AV	132.00	200	Horizontal	N/A
4	7422.000	53.05	74.0	20.95	Peak	0.00	300	Horizontal	Pass
4**	7422.000	44.04	54.0	9.96	AV	0.00	300	Horizontal	Pass
5	12477.112	54.25	74.0	19.75	Peak	98.00	100	Horizontal	Pass
5**	12477.112	44.02	54.0	9.98	AV	98.00	100	Horizontal	Pass
6	15874.013	53.86	74.0	20.14	Peak	278.00	200	Horizontal	Pass
6**	15874.013	43.93	54.0	10.07	AV	278.00	200	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	1484.700	38.63	74.0	35.37	Peak	337.00	200	Vertical	Pass
1**	1484.700	28.93	54.0	25.07	AV	337.00	200	Vertical	Pass
2	4240.000	47.37	74.0	26.63	Peak	16.00	400	Vertical	Pass
2**	4240.000	40.77	54.0	13.23	AV	16.00	400	Vertical	Pass
3	5298.000	104.10	--	--	Peak	331.00	200	Vertical	N/A
3**	5298.000	96.32	--	--	AV	331.00	200	Vertical	N/A
4	7310.500	53.48	74.0	20.52	Peak	290.00	200	Vertical	Pass
4**	7310.500	44.34	54.0	9.66	AV	290.00	200	Vertical	Pass
5	12478.300	53.61	74.0	20.39	Peak	154.00	150	Vertical	Pass
5**	12478.300	44.26	54.0	9.74	AV	154.00	150	Vertical	Pass
6	16156.463	54.71	74.0	19.29	Peak	200.00	400	Vertical	Pass
6**	16156.463	44.25	54.0	9.75	AV	200.00	400	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	1598.800	37.96	74.0	36.04	Peak	231.00	200	Horizontal	Pass
1**	1598.800	28.72	54.0	25.28	AV	231.00	200	Horizontal	Pass
2	4256.250	48.03	74.0	25.97	Peak	188.00	100	Horizontal	Pass
2**	4256.250	38.99	54.0	15.01	AV	188.00	100	Horizontal	Pass
3	5324.250	101.37	--	--	Peak	130.00	200	Horizontal	N/A
3**	5324.250	93.35	--	--	AV	130.00	200	Horizontal	N/A
4	7599.250	53.47	74.0	20.53	Peak	0.00	100	Horizontal	Pass
4**	7599.250	44.22	54.0	9.78	AV	0.00	100	Horizontal	Pass
5	12505.612	53.35	74.0	20.65	Peak	127.00	150	Horizontal	Pass
5**	12505.612	43.53	54.0	10.47	AV	127.00	150	Horizontal	Pass
6	16132.575	54.51	74.0	19.49	Peak	353.00	400	Horizontal	Pass
6**	16132.575	44.83	54.0	9.17	AV	353.00	400	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	1442.200	38.29	74.0	35.71	Peak	113.00	200	Vertical	Pass
1**	1442.200	29.33	54.0	24.67	AV	113.00	200	Vertical	Pass
2	4238.500	47.44	74.0	26.56	Peak	286.00	100	Vertical	Pass
2**	4238.500	37.66	54.0	16.34	AV	286.00	100	Vertical	Pass
3	5325.250	102.26	--	--	Peak	325.00	150	Vertical	N/A
3**	5325.250	93.17	--	--	AV	325.00	150	Vertical	N/A
4	7605.500	53.34	74.0	20.66	Peak	351.00	300	Vertical	Pass
4**	7605.500	44.71	54.0	9.29	AV	351.00	300	Vertical	Pass
5	12507.987	53.56	74.0	20.44	Peak	256.00	100	Vertical	Pass
5**	12507.987	45.47	54.0	8.53	AV	256.00	100	Vertical	Pass
6	15928.612	54.46	74.0	19.54	Peak	151.00	100	Vertical	Pass
6**	15928.612	43.74	54.0	10.26	AV	151.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	38.36	74.0	35.64	Peak	33.00	400	Horizontal	Pass
1**	1442.100	29.13	54.0	24.87	AV	33.00	400	Horizontal	Pass
2	4216.000	47.55	74.0	26.45	Peak	288.00	300	Horizontal	Pass
2**	4216.000	40.56	54.0	13.44	AV	288.00	300	Horizontal	Pass
3	5273.250	99.94	--	--	Peak	132.00	150	Horizontal	N/A
3**	5273.250	92.27	--	--	AV	132.00	150	Horizontal	N/A
4	7428.000	53.27	74.0	20.73	Peak	353.00	400	Horizontal	Pass
4**	7428.000	43.24	54.0	10.76	AV	353.00	400	Horizontal	Pass
5	12522.474	53.13	74.0	20.87	Peak	69.00	200	Horizontal	Pass
5**	12522.474	44.27	54.0	9.73	AV	69.00	200	Horizontal	Pass
6	16087.950	54.71	74.0	19.29	Peak	113.00	300	Horizontal	Pass
6**	16087.950	44.80	54.0	9.20	AV	113.00	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	1616.700	38.28	74.0	35.72	Peak	66.00	200	Vertical	Pass
1**	1616.700	29.02	54.0	24.98	AV	66.00	200	Vertical	Pass
2	4216.250	47.63	74.0	26.37	Peak	0.00	100	Vertical	Pass
2**	4216.250	43.35	54.0	10.65	AV	0.00	100	Vertical	Pass
3	5271.250	101.05	--	--	Peak	159.00	200	Vertical	N/A
3**	5271.250	93.55	--	--	AV	159.00	200	Vertical	N/A
4	7480.750	53.57	74.0	20.43	Peak	98.00	400	Vertical	Pass
4**	7480.750	43.56	54.0	10.44	AV	98.00	400	Vertical	Pass
5	12469.037	53.40	74.0	20.60	Peak	324.00	150	Vertical	Pass
5**	12469.037	44.49	54.0	9.51	AV	324.00	150	Vertical	Pass
6	16108.687	54.29	74.0	19.71	Peak	88.00	200	Vertical	Pass
6**	16108.687	44.86	54.0	9.14	AV	88.00	200	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	1530.500	38.45	74.0	35.55	Peak	70.00	200	Horizontal	Pass
1**	1530.500	29.03	54.0	24.97	AV	70.00	200	Horizontal	Pass
2	4208.250	47.55	74.0	26.45	Peak	186.00	200	Horizontal	Pass
2**	4208.250	38.89	54.0	15.11	AV	186.00	200	Horizontal	Pass
3	5306.750	96.40	--	--	Peak	127.00	150	Horizontal	N/A
3**	5306.750	88.57	--	--	AV	127.00	150	Horizontal	N/A
4	7656.250	53.46	74.0	20.54	Peak	146.00	200	Horizontal	Pass
4**	7656.250	44.23	54.0	9.77	AV	146.00	200	Horizontal	Pass
5	12469.987	53.36	74.0	20.64	Peak	198.00	100	Horizontal	Pass
5**	12469.987	44.26	54.0	9.74	AV	198.00	100	Horizontal	Pass
6	15883.463	53.94	74.0	20.06	Peak	351.00	100	Horizontal	Pass
6**	15883.463	44.74	54.0	9.26	AV	351.00	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	1504.900	38.55	74.0	35.45	Peak	9.00	200	Vertical	Pass
1**	1504.900	28.89	54.0	25.11	AV	9.00	200	Vertical	Pass
2	4353.000	47.40	74.0	26.60	Peak	227.00	100	Vertical	Pass
2**	4353.000	38.37	54.0	15.63	AV	227.00	100	Vertical	Pass
3	5306.500	96.89	--	--	Peak	325.00	100	Vertical	N/A
3**	5306.500	89.34	--	--	AV	325.00	100	Vertical	N/A
4	7591.500	53.38	74.0	20.62	Peak	351.00	300	Vertical	Pass
4**	7591.500	44.21	54.0	9.79	AV	351.00	300	Vertical	Pass
5	12505.138	53.06	74.0	20.94	Peak	190.00	100	Vertical	Pass
5**	12505.138	44.31	54.0	9.69	AV	190.00	100	Vertical	Pass
6	16100.813	53.95	74.0	20.05	Peak	283.00	200	Vertical	Pass
6**	16100.813	45.07	54.0	8.93	AV	283.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.200	38.36	74.0	35.64	Peak	315.00	100	Horizontal	Pass
1**	1504.200	28.34	54.0	25.66	AV	315.00	100	Horizontal	Pass
2	4142.250	47.66	74.0	26.34	Peak	169.00	200	Horizontal	Pass
2**	4142.250	37.52	54.0	16.48	AV	169.00	200	Horizontal	Pass
3	5291.750	93.31	--	--	Peak	130.00	200	Horizontal	N/A
3**	5291.750	86.16	--	--	AV	130.00	200	Horizontal	N/A
4	7482.500	53.30	74.0	20.70	Peak	286.00	300	Horizontal	Pass
4**	7482.500	43.53	54.0	10.47	AV	286.00	300	Horizontal	Pass
5	12500.625	52.76	74.0	21.24	Peak	166.00	100	Horizontal	Pass
5**	12500.625	44.14	54.0	9.86	AV	166.00	100	Horizontal	Pass
6	15825.188	54.28	74.0	19.72	Peak	151.00	200	Horizontal	Pass
6**	15825.188	43.93	54.0	10.07	AV	151.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.900	38.60	74.0	35.40	Peak	36.00	300	Vertical	Pass
1**	1446.900	28.64	54.0	25.36	AV	36.00	300	Vertical	Pass
2	4232.000	47.74	74.0	26.26	Peak	0.00	300	Vertical	Pass
2**	4232.000	39.74	54.0	14.26	AV	0.00	300	Vertical	Pass
3	5291.750	93.60	--	--	Peak	351.00	150	Vertical	N/A
3**	5291.750	86.24	--	--	AV	351.00	150	Vertical	N/A
4	7356.500	52.94	74.0	21.06	Peak	351.00	300	Vertical	Pass
4**	7356.500	44.21	54.0	9.79	AV	351.00	300	Vertical	Pass
5	12504.188	53.94	74.0	20.06	Peak	307.00	200	Vertical	Pass
5**	12504.188	44.11	54.0	9.89	AV	307.00	200	Vertical	Pass
6	16060.125	54.74	74.0	19.26	Peak	1.00	200	Vertical	Pass
6**	16060.125	44.08	54.0	9.92	AV	1.00	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	1606.000	38.63	74.0	35.37	Peak	288.00	100	Horizontal	Pass
1**	1606.000	29.52	54.0	24.48	AV	288.00	100	Horizontal	Pass
2	4240.000	47.54	74.0	26.46	Peak	166.00	300	Horizontal	Pass
2**	4240.000	38.44	54.0	15.56	AV	166.00	300	Horizontal	Pass
3	5499.000	98.07	--	--	Peak	207.00	200	Horizontal	N/A
3**	5499.000	91.14	--	--	AV	207.00	200	Horizontal	N/A
4	7698.500	53.35	74.0	20.65	Peak	353.00	100	Horizontal	Pass
4**	7698.500	43.11	54.0	10.89	AV	353.00	100	Horizontal	Pass
5	12522.474	53.87	74.0	20.13	Peak	232.00	200	Horizontal	Pass
5**	12522.474	44.42	54.0	9.58	AV	232.00	200	Horizontal	Pass
6	15889.500	55.73	74.0	18.27	Peak	293.00	400	Horizontal	Pass
6**	15889.500	44.45	54.0	9.55	AV	293.00	400	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	1497.100	38.52	74.0	35.48	Peak	64.00	200	Vertical	Pass
1**	1497.100	29.73	54.0	24.27	AV	64.00	200	Vertical	Pass
2	4323.750	47.58	74.0	26.42	Peak	188.00	200	Vertical	Pass
2**	4323.750	38.90	54.0	15.10	AV	188.00	200	Vertical	Pass
3	5498.500	99.64	--	--	Peak	353.00	200	Vertical	N/A
3**	5498.500	92.09	--	--	AV	353.00	200	Vertical	N/A
4	7685.750	53.44	74.0	20.56	Peak	88.00	300	Vertical	Pass
4**	7685.750	44.28	54.0	9.72	AV	88.00	300	Vertical	Pass
5	12521.287	53.51	74.0	20.49	Peak	332.00	200	Vertical	Pass
5**	12521.287	45.22	54.0	8.78	AV	332.00	200	Vertical	Pass
6	16122.075	53.82	74.0	20.18	Peak	0.00	300	Vertical	Pass
6**	16122.075	45.01	54.0	8.99	AV	0.00	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	1608.200	38.33	74.0	35.67	Peak	360.00	300	Horizontal	Pass
1**	1608.200	28.95	54.0	25.05	AV	360.00	300	Horizontal	Pass
2	4100.250	47.03	74.0	26.97	Peak	351.00	100	Horizontal	Pass
2**	4100.250	37.24	54.0	16.76	AV	351.00	100	Horizontal	Pass
3	5580.750	101.29	--	--	Peak	203.00	150	Horizontal	N/A
3**	5580.750	94.23	--	--	AV	203.00	150	Horizontal	N/A
4	7426.750	54.17	74.0	19.83	Peak	185.00	200	Horizontal	Pass
4**	7426.750	43.88	54.0	10.12	AV	185.00	200	Horizontal	Pass
5	12504.188	53.33	74.0	20.67	Peak	268.00	150	Horizontal	Pass
5**	12504.188	43.86	54.0	10.14	AV	268.00	150	Horizontal	Pass
6	16111.575	53.76	74.0	20.24	Peak	120.00	300	Horizontal	Pass
6**	16111.575	44.69	54.0	9.31	AV	120.00	300	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	1573.000	38.20	74.0	35.80	Peak	359.00	400	Vertical	Pass
1**	1573.000	28.99	54.0	25.01	AV	359.00	400	Vertical	Pass
2	4353.000	47.01	74.0	26.99	Peak	6.00	300	Vertical	Pass
2**	4353.000	38.27	54.0	15.73	AV	6.00	300	Vertical	Pass
3	5581.250	102.08	--	--	Peak	0.00	150	Vertical	N/A
3**	5581.250	95.26	--	--	AV	0.00	150	Vertical	N/A
4	7709.000	53.49	74.0	20.51	Peak	0.00	200	Vertical	Pass
4**	7709.000	43.75	54.0	10.25	AV	0.00	200	Vertical	Pass
5	12507.513	53.36	74.0	20.64	Peak	225.00	150	Vertical	Pass
5**	12507.513	44.08	54.0	9.92	AV	225.00	150	Vertical	Pass
6	16120.762	53.91	74.0	20.09	Peak	241.00	400	Vertical	Pass
6**	16120.762	45.53	54.0	8.47	AV	241.00	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	1484.400	38.57	74.0	35.43	Peak	226.00	400	Horizontal	Pass
1**	1484.400	29.66	54.0	24.34	AV	226.00	400	Horizontal	Pass
2	4332.000	47.57	74.0	26.43	Peak	184.00	100	Horizontal	Pass
2**	4332.000	38.49	54.0	15.51	AV	184.00	100	Horizontal	Pass
3	5498.000	97.87	--	--	Peak	203.00	200	Horizontal	N/A
3**	5498.000	90.37	--	--	AV	203.00	200	Horizontal	N/A
4	7599.250	53.41	74.0	20.59	Peak	0.00	100	Horizontal	Pass
4**	7599.250	44.42	54.0	9.58	AV	0.00	100	Horizontal	Pass
5	12500.150	52.86	74.0	21.14	Peak	338.00	200	Horizontal	Pass
5**	12500.150	44.26	54.0	9.74	AV	338.00	200	Horizontal	Pass
6	16133.888	53.85	74.0	20.15	Peak	212.00	100	Horizontal	Pass
6**	16133.888	45.16	54.0	8.84	AV	212.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.700	38.36	74.0	35.64	Peak	79.00	400	Vertical	Pass
1**	1546.700	28.87	54.0	25.13	AV	79.00	400	Vertical	Pass
2	4166.500	47.08	74.0	26.92	Peak	125.00	400	Vertical	Pass
2**	4166.500	37.18	54.0	16.82	AV	125.00	400	Vertical	Pass
3	5501.750	99.93	--	--	Peak	351.00	150	Vertical	N/A
3**	5501.750	93.31	--	--	AV	351.00	150	Vertical	N/A
4	7590.000	52.78	74.0	21.22	Peak	351.00	200	Vertical	Pass
4**	7590.000	44.12	54.0	9.88	AV	351.00	200	Vertical	Pass
5	12483.049	53.60	74.0	20.40	Peak	128.00	100	Vertical	Pass
5**	12483.049	44.98	54.0	9.02	AV	128.00	100	Vertical	Pass
6	16120.762	53.68	74.0	20.32	Peak	353.00	200	Vertical	Pass
6**	16120.762	45.95	54.0	8.05	AV	353.00	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	1452.100	38.74	74.0	35.26	Peak	159.00	100	Horizontal	Pass
1**	1452.100	29.64	54.0	24.36	AV	159.00	100	Horizontal	Pass
2	4158.250	47.21	74.0	26.79	Peak	45.00	300	Horizontal	Pass
2**	4158.250	38.39	54.0	15.61	AV	45.00	300	Horizontal	Pass
3	5578.750	101.79	--	--	Peak	203.00	200	Horizontal	N/A
3**	5578.750	94.19	--	--	AV	203.00	200	Horizontal	N/A
4	7586.000	53.04	74.0	20.96	Peak	0.00	200	Horizontal	Pass
4**	7586.000	43.42	54.0	10.58	AV	0.00	200	Horizontal	Pass
5	12536.724	53.65	74.0	20.35	Peak	36.00	100	Horizontal	Pass
5**	12536.724	44.02	54.0	9.98	AV	36.00	100	Horizontal	Pass
6	15677.138	54.04	74.0	19.96	Peak	173.00	100	Horizontal	Pass
6**	15677.138	44.95	54.0	9.05	AV	173.00	100	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.800	38.22	74.0	35.78	Peak	181.00	400	Vertical	Pass
1**	1606.800	28.85	54.0	25.15	AV	181.00	400	Vertical	Pass
2	3706.000	46.94	74.0	27.06	Peak	47.00	300	Vertical	Pass
2**	3706.000	36.90	54.0	17.10	AV	47.00	300	Vertical	Pass
3	5579.000	101.70	--	--	Peak	0.00	200	Vertical	N/A
3**	5579.000	94.85	--	--	AV	0.00	200	Vertical	N/A
4	7427.500	52.95	74.0	21.05	Peak	266.00	200	Vertical	Pass
4**	7427.500	43.85	54.0	10.15	AV	266.00	200	Vertical	Pass
5	12518.912	53.58	74.0	20.42	Peak	360.00	150	Vertical	Pass
5**	12518.912	43.65	54.0	10.35	AV	360.00	150	Vertical	Pass
6	16100.550	54.46	74.0	19.54	Peak	288.00	300	Vertical	Pass
6**	16100.550	44.64	54.0	9.36	AV	288.00	300	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.400	38.10	74.0	35.90	Peak	178.00	200	Horizontal	Pass
1**	1608.400	29.40	54.0	24.60	AV	178.00	200	Horizontal	Pass
2	4336.250	47.03	74.0	26.97	Peak	110.00	100	Horizontal	Pass
2**	4336.250	39.05	54.0	14.95	AV	110.00	100	Horizontal	Pass
3	5698.750	98.11	--	--	Peak	209.00	100	Horizontal	N/A
3**	5698.750	90.32	--	--	AV	209.00	100	Horizontal	N/A
4	7425.500	53.92	74.0	20.08	Peak	51.00	300	Horizontal	Pass
4**	7425.500	44.23	54.0	9.77	AV	51.00	300	Horizontal	Pass
5	12435.787	52.92	74.0	21.08	Peak	318.00	100	Horizontal	Pass
5**	12435.787	44.11	54.0	9.89	AV	318.00	100	Horizontal	Pass
6	16117.613	54.66	74.0	19.34	Peak	0.00	100	Horizontal	Pass
6**	16117.613	45.50	54.0	8.50	AV	0.00	100	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	1612.900	38.60	74.0	35.40	Peak	36.00	100	Vertical	Pass
1**	1612.900	29.56	54.0	24.44	AV	36.00	100	Vertical	Pass
2	4314.000	47.77	74.0	26.23	Peak	224.00	400	Vertical	Pass
2**	4314.000	38.30	54.0	15.70	AV	224.00	400	Vertical	Pass
3	5699.750	98.67	--	--	Peak	351.00	200	Vertical	N/A
3**	5699.750	91.05	--	--	AV	351.00	200	Vertical	N/A
4	7601.500	54.12	74.0	19.88	Peak	49.00	100	Vertical	Pass
4**	7601.500	44.23	54.0	9.77	AV	49.00	100	Vertical	Pass
5	12456.212	52.88	74.0	21.12	Peak	298.00	200	Vertical	Pass
5**	12456.212	43.78	54.0	10.22	AV	298.00	200	Vertical	Pass
6	15924.938	54.14	74.0	19.86	Peak	320.00	200	Vertical	Pass
6**	15924.938	44.82	54.0	9.18	AV	320.00	200	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	1534.900	38.66	74.0	35.34	Peak	256.00	400	Horizontal	Pass
1**	1534.900	28.74	54.0	25.26	AV	256.00	400	Horizontal	Pass
2	4324.000	47.84	74.0	26.16	Peak	246.00	100	Horizontal	Pass
2**	4324.000	39.41	54.0	14.59	AV	246.00	100	Horizontal	Pass
3	5512.000	93.48	--	--	Peak	207.00	150	Horizontal	N/A
3**	5512.000	86.07	--	--	AV	207.00	150	Horizontal	N/A
4	7695.500	53.26	74.0	20.74	Peak	0.00	200	Horizontal	Pass
4**	7695.500	43.55	54.0	10.45	AV	0.00	200	Horizontal	Pass
5	12525.563	53.74	74.0	20.26	Peak	327.00	100	Horizontal	Pass
5**	12525.563	44.56	54.0	9.44	AV	327.00	100	Horizontal	Pass
6	15892.388	54.13	74.0	19.87	Peak	185.00	100	Horizontal	Pass
6**	15892.388	45.80	54.0	8.20	AV	185.00	100	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	1442.000	38.85	74.0	35.15	Peak	265.00	400	Vertical	Pass
1**	1442.000	29.55	54.0	24.45	AV	265.00	400	Vertical	Pass
2	4289.250	47.26	74.0	26.74	Peak	0.00	100	Vertical	Pass
2**	4289.250	38.37	54.0	15.63	AV	0.00	100	Vertical	Pass
3	5508.000	96.27	--	--	Peak	312.00	150	Vertical	N/A
3**	5508.000	87.95	--	--	AV	312.00	150	Vertical	N/A
4	7436.250	53.36	74.0	20.64	Peak	180.00	100	Vertical	Pass
4**	7436.250	43.94	54.0	10.06	AV	180.00	100	Vertical	Pass
5	12441.725	53.32	74.0	20.68	Peak	308.00	200	Vertical	Pass
5**	12441.725	43.69	54.0	10.31	AV	308.00	200	Vertical	Pass
6	16096.874	54.29	74.0	19.71	Peak	24.00	200	Vertical	Pass
6**	16096.874	45.53	54.0	8.47	AV	24.00	200	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	1614.000	38.13	74.0	35.87	Peak	360.00	100	Horizontal	Pass
1**	1614.000	29.52	54.0	24.48	AV	360.00	100	Horizontal	Pass
2	4340.000	47.50	74.0	26.50	Peak	261.00	200	Horizontal	Pass
2**	4340.000	38.85	54.0	15.15	AV	261.00	200	Horizontal	Pass
3	5588.000	98.82	--	--	Peak	202.00	150	Horizontal	N/A
3**	5588.000	91.26	--	--	AV	202.00	150	Horizontal	N/A
4	7650.000	53.14	74.0	20.86	Peak	58.00	300	Horizontal	Pass
4**	7650.000	43.42	54.0	10.58	AV	58.00	300	Horizontal	Pass
5	12488.037	53.38	74.0	20.62	Peak	47.00	100	Horizontal	Pass
5**	12488.037	43.79	54.0	10.21	AV	47.00	100	Horizontal	Pass
6	15898.687	54.40	74.0	19.60	Peak	204.00	200	Horizontal	Pass
6**	15898.687	45.24	54.0	8.76	AV	204.00	200	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.200	38.86	74.0	35.14	Peak	40.00	300	Vertical	Pass
1**	1542.200	28.56	54.0	25.44	AV	40.00	300	Vertical	Pass
2	3787.250	48.80	74.0	25.20	Peak	300.00	100	Vertical	Pass
2**	3787.250	46.24	54.0	7.76	AV	300.00	100	Vertical	Pass
3	5586.750	99.23	--	--	Peak	349.00	150	Vertical	N/A
3**	5586.750	91.33	--	--	AV	349.00	150	Vertical	N/A
4	7365.250	52.93	74.0	21.07	Peak	322.00	300	Vertical	Pass
4**	7365.250	44.48	54.0	9.52	AV	322.00	300	Vertical	Pass
5	12440.300	53.66	74.0	20.34	Peak	360.00	100	Vertical	Pass
5**	12440.300	44.04	54.0	9.96	AV	360.00	100	Vertical	Pass
6	15950.401	54.10	74.0	19.90	Peak	320.00	300	Vertical	Pass
6**	15950.401	43.97	54.0	10.03	AV	320.00	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	1607.600	39.09	74.0	34.91	Peak	342.00	100	Horizontal	Pass
1**	1607.600	28.55	54.0	25.45	AV	342.00	100	Horizontal	Pass
2	4348.750	47.84	74.0	26.16	Peak	320.00	300	Horizontal	Pass
2**	4348.750	37.93	54.0	16.07	AV	320.00	300	Horizontal	Pass
3	5675.000	97.62	--	--	Peak	220.00	100	Horizontal	N/A
3**	5675.000	90.21	--	--	AV	220.00	100	Horizontal	N/A
4	7356.750	53.26	74.0	20.74	Peak	320.00	200	Horizontal	Pass
4**	7356.750	44.31	54.0	9.69	AV	320.00	200	Horizontal	Pass
5	12485.662	53.56	74.0	20.44	Peak	12.00	200	Horizontal	Pass
5**	12485.662	44.68	54.0	9.32	AV	12.00	200	Horizontal	Pass
6	15875.849	54.52	74.0	19.48	Peak	258.00	400	Horizontal	Pass
6**	15875.849	44.89	54.0	9.11	AV	258.00	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	1601.000	38.32	74.0	35.68	Peak	123.00	400	Vertical	Pass
1**	1601.000	29.10	54.0	24.90	AV	123.00	400	Vertical	Pass
2	4536.250	49.41	74.0	24.59	Peak	349.00	100	Vertical	Pass
2**	4536.250	45.45	54.0	8.55	AV	349.00	100	Vertical	Pass
3	5671.250	97.84	--	--	Peak	156.00	200	Vertical	N/A
3**	5671.250	90.36	--	--	AV	156.00	200	Vertical	N/A
4	7646.500	53.44	74.0	20.56	Peak	298.00	300	Vertical	Pass
4**	7646.500	43.66	54.0	10.34	AV	298.00	300	Vertical	Pass
5	12468.325	53.77	74.0	20.23	Peak	206.00	150	Vertical	Pass
5**	12468.325	43.98	54.0	10.02	AV	206.00	150	Vertical	Pass
6	15935.700	54.68	74.0	19.32	Peak	46.00	100	Vertical	Pass
6**	15935.700	45.06	54.0	8.94	AV	46.00	100	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.000	38.53	74.0	35.47	Peak	360.00	100	Horizontal	Pass
1**	1584.000	28.96	54.0	25.04	AV	360.00	100	Horizontal	Pass
2	4319.500	47.37	74.0	26.63	Peak	241.00	100	Horizontal	Pass
2**	4319.500	38.44	54.0	15.56	AV	241.00	100	Horizontal	Pass
3	5501.250	98.77	--	--	Peak	200.00	100	Horizontal	N/A
3**	5501.250	91.88	--	--	AV	200.00	100	Horizontal	N/A
4	7600.500	53.04	74.0	20.96	Peak	20.00	100	Horizontal	Pass
4**	7600.500	44.83	54.0	9.17	AV	20.00	100	Horizontal	Pass
5	12520.575	53.20	74.0	20.80	Peak	113.00	200	Horizontal	Pass
5**	12520.575	44.12	54.0	9.88	AV	113.00	200	Horizontal	Pass
6	15899.213	54.16	74.0	19.84	Peak	63.00	200	Horizontal	Pass
6**	15899.213	45.51	54.0	8.49	AV	63.00	200	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	1570.400	38.83	74.0	35.17	Peak	225.00	300	Vertical	Pass
1**	1570.400	28.57	54.0	25.43	AV	225.00	300	Vertical	Pass
2	3787.250	44.46	74.0	29.54	Peak	280.00	100	Vertical	Pass
2**	3787.250	46.65	54.0	7.35	AV	280.00	100	Vertical	Pass
3	5499.000	100.57	--	--	Peak	349.00	200	Vertical	N/A
3**	5499.000	93.94	--	--	AV	349.00	200	Vertical	N/A
4	7652.000	52.79	74.0	21.21	Peak	176.00	200	Vertical	Pass
4**	7652.000	44.31	54.0	9.69	AV	176.00	200	Vertical	Pass
5	12503.238	52.79	74.0	21.21	Peak	42.00	150	Vertical	Pass
5**	12503.238	43.80	54.0	10.20	AV	42.00	150	Vertical	Pass
6	16092.412	53.91	74.0	20.09	Peak	44.00	400	Vertical	Pass
6**	16092.412	44.54	54.0	9.46	AV	44.00	400	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	1513.500	38.49	74.0	35.51	Peak	99.00	200	Horizontal	Pass
1**	1513.500	29.46	54.0	24.54	AV	99.00	200	Horizontal	Pass
2	4283.750	48.02	74.0	25.98	Peak	99.00	400	Horizontal	Pass
2**	4283.750	37.74	54.0	16.26	AV	99.00	400	Horizontal	Pass
3	5579.000	101.46	--	--	Peak	200.00	150	Horizontal	N/A
3**	5579.000	94.31	--	--	AV	200.00	150	Horizontal	N/A
4	7599.250	53.79	74.0	20.21	Peak	259.00	100	Horizontal	Pass
4**	7599.250	44.36	54.0	9.64	AV	259.00	100	Horizontal	Pass
5	12488.988	53.64	74.0	20.36	Peak	40.00	200	Horizontal	Pass
5**	12488.988	43.79	54.0	10.21	AV	40.00	200	Horizontal	Pass
6	15900.526	53.91	74.0	20.09	Peak	114.00	100	Horizontal	Pass
6**	15900.526	45.47	54.0	8.53	AV	114.00	100	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	1626.400	38.77	74.0	35.23	Peak	74.00	400	Vertical	Pass
1**	1626.400	29.91	54.0	24.09	AV	74.00	400	Vertical	Pass
2	3786.250	47.10	74.0	26.90	Peak	348.00	100	Vertical	Pass
2**	3786.250	43.38	54.0	10.62	AV	348.00	100	Vertical	Pass
3	5577.500	101.97	--	--	Peak	0.00	100	Vertical	N/A
3**	5577.500	95.04	--	--	AV	0.00	100	Vertical	N/A
4	7619.000	53.09	74.0	20.91	Peak	154.00	200	Vertical	Pass
4**	7619.000	43.53	54.0	10.47	AV	154.00	200	Vertical	Pass
5	12458.825	53.30	74.0	20.70	Peak	84.00	150	Vertical	Pass
5**	12458.825	44.78	54.0	9.22	AV	84.00	150	Vertical	Pass
6	15906.825	53.79	74.0	20.21	Peak	74.00	400	Vertical	Pass
6**	15906.825	44.80	54.0	9.20	AV	74.00	400	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	1544.300	38.30	74.0	35.70	Peak	195.00	400	Horizontal	Pass
1**	1544.300	28.89	54.0	25.11	AV	195.00	400	Horizontal	Pass
2	3786.500	43.77	74.0	30.23	Peak	198.00	100	Horizontal	Pass
2**	3786.500	45.45	54.0	8.55	AV	198.00	100	Horizontal	Pass
3	5697.000	98.97	--	--	Peak	198.00	150	Horizontal	N/A
3**	5697.000	91.16	--	--	AV	198.00	150	Horizontal	N/A
4	7372.750	53.26	74.0	20.74	Peak	300.00	400	Horizontal	Pass
4**	7372.750	44.12	54.0	9.88	AV	300.00	400	Horizontal	Pass
5	12665.213	52.96	74.0	21.04	Peak	62.00	150	Horizontal	Pass
5**	12665.213	43.77	54.0	10.23	AV	62.00	150	Horizontal	Pass
6	15919.688	54.49	74.0	19.51	Peak	191.00	300	Horizontal	Pass
6**	15919.688	45.19	54.0	8.81	AV	191.00	300	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	1480.500	38.55	74.0	35.45	Peak	67.00	200	Vertical	Pass
1**	1480.500	28.59	54.0	25.41	AV	67.00	200	Vertical	Pass
2	3786.750	47.80	74.0	26.20	Peak	320.00	100	Vertical	Pass
2**	3786.750	45.58	54.0	8.42	AV	320.00	100	Vertical	Pass
3	5699.000	100.51	--	--	Peak	159.00	200	Vertical	N/A
3**	5699.000	92.81	--	--	AV	159.00	200	Vertical	N/A
4	7364.000	53.74	74.0	20.26	Peak	35.00	400	Vertical	Pass
4**	7364.000	44.51	54.0	9.49	AV	35.00	400	Vertical	Pass
5	12519.151	53.20	74.0	20.80	Peak	321.00	200	Vertical	Pass
5**	12519.151	44.53	54.0	9.47	AV	321.00	200	Vertical	Pass
6	15908.662	54.26	74.0	19.74	Peak	57.00	200	Vertical	Pass
6**	15908.662	45.55	54.0	8.45	AV	57.00	200	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	1590.900	38.33	74.0	35.67	Peak	11.00	400	Horizontal	Pass
1**	1590.900	29.52	54.0	24.48	AV	11.00	400	Horizontal	Pass
2	3787.000	47.09	74.0	26.91	Peak	0.00	100	Horizontal	Pass
2**	3787.000	47.76	54.0	6.24	AV	0.00	100	Horizontal	Pass
3	5507.500	92.82	--	--	Peak	195.00	150	Horizontal	N/A
3**	5507.500	86.08	--	--	AV	195.00	150	Horizontal	N/A
4	7582.250	53.24	74.0	20.76	Peak	134.00	200	Horizontal	Pass
4**	7582.250	43.74	54.0	10.26	AV	134.00	200	Horizontal	Pass
5	12504.188	53.75	74.0	20.25	Peak	317.00	100	Horizontal	Pass
5**	12504.188	44.33	54.0	9.67	AV	317.00	100	Horizontal	Pass
6	16129.162	54.44	74.0	19.56	Peak	319.00	300	Horizontal	Pass
6**	16129.162	44.89	54.0	9.11	AV	319.00	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	1436.900	38.39	74.0	35.61	Peak	317.00	100	Vertical	Pass
1**	1436.900	28.76	54.0	25.24	AV	317.00	100	Vertical	Pass
2	4345.250	47.54	74.0	26.46	Peak	27.00	200	Vertical	Pass
2**	4345.250	38.29	54.0	15.71	AV	27.00	200	Vertical	Pass
3	5508.500	96.34	--	--	Peak	317.00	150	Vertical	N/A
3**	5508.500	89.51	--	--	AV	317.00	150	Vertical	N/A
4	7588.000	52.79	74.0	21.21	Peak	67.00	400	Vertical	Pass
4**	7588.000	44.00	54.0	10.00	AV	67.00	400	Vertical	Pass
5	12500.150	53.52	74.0	20.48	Peak	283.00	200	Vertical	Pass
5**	12500.150	44.10	54.0	9.90	AV	283.00	200	Vertical	Pass
6	15906.825	54.41	74.0	19.59	Peak	0.00	300	Vertical	Pass
6**	15906.825	45.52	54.0	8.48	AV	0.00	300	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	38.08	74.0	35.92	Peak	13.00	100	Horizontal	Pass
1**	1581.900	28.70	54.0	25.30	AV	13.00	100	Horizontal	Pass
2	4329.750	47.53	74.0	26.47	Peak	213.00	400	Horizontal	Pass
2**	4329.750	38.36	54.0	15.64	AV	213.00	400	Horizontal	Pass
3	5587.000	99.99	--	--	Peak	213.00	150	Horizontal	N/A
3**	5587.000	91.87	--	--	AV	213.00	150	Horizontal	N/A
4	7475.250	53.33	74.0	20.67	Peak	0.00	100	Horizontal	Pass
4**	7475.250	43.95	54.0	10.05	AV	0.00	100	Horizontal	Pass
5	12505.375	53.10	74.0	20.90	Peak	43.00	200	Horizontal	Pass
5**	12505.375	44.70	54.0	9.30	AV	43.00	200	Horizontal	Pass
6	15890.550	54.03	74.0	19.97	Peak	347.00	200	Horizontal	Pass
6**	15890.550	44.78	54.0	9.22	AV	347.00	200	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	1515.300	38.21	74.0	35.79	Peak	13.00	400	Vertical	Pass
1**	1515.300	29.37	54.0	24.63	AV	13.00	400	Vertical	Pass
2	3786.750	51.09	74.0	22.91	Peak	154.00	100	Vertical	Pass
2**	3786.750	49.31	54.0	4.69	AV	154.00	100	Vertical	Pass
3	5588.750	99.36	--	--	Peak	0.00	100	Vertical	N/A
3**	5588.750	92.27	--	--	AV	0.00	100	Vertical	N/A
4	7599.500	53.51	74.0	20.49	Peak	0.00	100	Vertical	Pass
4**	7599.500	44.83	54.0	9.17	AV	0.00	100	Vertical	Pass
5	12459.537	53.17	74.0	20.83	Peak	344.00	150	Vertical	Pass
5**	12459.537	44.12	54.0	9.88	AV	344.00	150	Vertical	Pass
6	15682.125	53.96	74.0	20.04	Peak	303.00	300	Vertical	Pass
6**	15682.125	44.58	54.0	9.42	AV	303.00	300	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	1477.800	38.42	74.0	35.58	Peak	360.00	100	Horizontal	Pass
1**	1477.800	29.19	54.0	24.81	AV	360.00	100	Horizontal	Pass
2	3787.250	48.22	74.0	25.78	Peak	252.00	100	Horizontal	Pass
2**	3787.250	45.97	54.0	8.03	AV	252.00	100	Horizontal	Pass
3	5668.000	97.92	--	--	Peak	212.00	150	Horizontal	N/A
3**	5668.000	90.53	--	--	AV	212.00	150	Horizontal	N/A
4	7422.000	53.91	74.0	20.09	Peak	212.00	200	Horizontal	Pass
4**	7422.000	44.40	54.0	9.60	AV	212.00	200	Horizontal	Pass
5	11506.688	53.31	74.0	20.69	Peak	130.00	150	Horizontal	Pass
5**	11506.688	42.75	54.0	11.25	AV	130.00	150	Horizontal	Pass
6	16109.737	55.03	74.0	18.97	Peak	286.00	400	Horizontal	Pass
6**	16109.737	44.93	54.0	9.07	AV	286.00	400	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.800	38.37	74.0	35.63	Peak	181.00	200	Vertical	Pass
1**	1600.800	29.24	54.0	24.76	AV	181.00	200	Vertical	Pass
2	3786.250	47.67	74.0	26.33	Peak	300.00	100	Vertical	Pass
2**	3786.250	43.75	54.0	10.25	AV	300.00	100	Vertical	Pass
3	5663.500	98.45	--	--	Peak	144.00	100	Vertical	N/A
3**	5663.500	91.11	--	--	AV	144.00	100	Vertical	N/A
4	7601.000	53.70	74.0	20.30	Peak	5.00	200	Vertical	Pass
4**	7601.000	45.62	54.0	8.38	AV	5.00	200	Vertical	Pass
5	12517.012	53.53	74.0	20.47	Peak	246.00	100	Vertical	Pass
5**	12517.012	44.59	54.0	9.41	AV	246.00	100	Vertical	Pass
6	16135.987	54.73	74.0	19.27	Peak	133.00	100	Vertical	Pass
6**	16135.987	44.97	54.0	9.03	AV	133.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.600	38.41	74.0	35.59	Peak	341.00	300	Horizontal	Pass
1**	1471.600	28.64	54.0	25.36	AV	341.00	300	Horizontal	Pass
2	4322.000	47.37	74.0	26.63	Peak	0.00	300	Horizontal	Pass
2**	4322.000	39.34	54.0	14.66	AV	0.00	300	Horizontal	Pass
3	5532.750	91.06	--	--	Peak	205.00	100	Horizontal	N/A
3**	5532.750	84.00	--	--	AV	205.00	100	Horizontal	N/A
4	7359.500	53.37	74.0	20.63	Peak	147.00	300	Horizontal	Pass
4**	7359.500	45.11	54.0	8.89	AV	147.00	300	Horizontal	Pass
5	12512.263	54.17	74.0	19.83	Peak	258.00	100	Horizontal	Pass
5**	12512.263	43.61	54.0	10.39	AV	258.00	100	Horizontal	Pass
6	16126.800	54.44	74.0	19.56	Peak	275.00	400	Horizontal	Pass
6**	16126.800	44.59	54.0	9.41	AV	275.00	400	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.100	38.82	74.0	35.18	Peak	305.00	300	Vertical	Pass
1**	1602.100	28.73	54.0	25.27	AV	305.00	300	Vertical	Pass
2	4399.750	47.97	74.0	26.03	Peak	315.00	300	Vertical	Pass
2**	4399.750	38.78	54.0	15.22	AV	315.00	300	Vertical	Pass
3	5524.500	92.56	--	--	Peak	348.00	200	Vertical	N/A
3**	5524.500	84.85	--	--	AV	348.00	200	Vertical	N/A
4	7362.250	53.36	74.0	20.64	Peak	0.00	400	Vertical	Pass
4**	7362.250	43.73	54.0	10.27	AV	0.00	400	Vertical	Pass
5	12485.188	53.08	74.0	20.92	Peak	45.00	200	Vertical	Pass
5**	12485.188	45.19	54.0	8.81	AV	45.00	200	Vertical	Pass
6	15903.412	54.54	74.0	19.46	Peak	185.00	200	Vertical	Pass
6**	15903.412	45.23	54.0	8.77	AV	185.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.800	38.37	74.0	35.63	Peak	106.00	400	Horizontal	Pass
1**	1513.800	28.51	54.0	25.49	AV	106.00	400	Horizontal	Pass
2	3786.750	43.92	74.0	30.08	Peak	319.00	100	Horizontal	Pass
2**	3786.750	44.50	54.0	9.50	AV	319.00	100	Horizontal	Pass
3	5600.250	93.76	--	--	Peak	218.00	150	Horizontal	N/A
3**	5600.250	86.05	--	--	AV	218.00	150	Horizontal	N/A
4	7612.750	53.34	74.0	20.66	Peak	92.00	400	Horizontal	Pass
4**	7612.750	44.45	54.0	9.55	AV	92.00	400	Horizontal	Pass
5	12462.862	53.57	74.0	20.43	Peak	360.00	100	Horizontal	Pass
5**	12462.862	44.64	54.0	9.36	AV	360.00	100	Horizontal	Pass
6	16092.675	54.16	74.0	19.84	Peak	347.00	100	Horizontal	Pass
6**	16092.675	44.51	54.0	9.49	AV	347.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.700	38.46	74.0	35.54	Peak	341.00	100	Vertical	Pass
1**	1601.700	29.80	54.0	24.20	AV	341.00	100	Vertical	Pass
2	4043.750	47.34	74.0	26.66	Peak	155.00	300	Vertical	Pass
2**	4043.750	38.47	54.0	15.53	AV	155.00	300	Vertical	Pass
3	5607.500	95.25	--	--	Peak	155.00	200	Vertical	N/A
3**	5607.500	87.89	--	--	AV	155.00	200	Vertical	N/A
4	7362.750	54.04	74.0	19.96	Peak	217.00	400	Vertical	Pass
4**	7362.750	43.82	54.0	10.18	AV	217.00	400	Vertical	Pass
5	12518.912	53.41	74.0	20.59	Peak	360.00	100	Vertical	Pass
5**	12518.912	43.90	54.0	10.10	AV	360.00	100	Vertical	Pass
6	15890.025	54.69	74.0	19.31	Peak	194.00	400	Vertical	Pass
6**	15890.025	45.09	54.0	8.91	AV	194.00	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	1512.000	38.69	74.0	35.31	Peak	360.00	100	Horizontal	Pass
1**	1512.000	29.34	54.0	24.66	AV	360.00	100	Horizontal	Pass
2	4596.500	47.08	74.0	26.92	Peak	234.00	100	Horizontal	Pass
2**	4596.500	45.51	54.0	8.49	AV	234.00	100	Horizontal	Pass
3	5746.500	99.75	--	--	Peak	212.00	150	Horizontal	N/A
3**	5746.500	92.43	--	--	AV	212.00	150	Horizontal	N/A
4	7489.500	53.83	74.0	20.17	Peak	317.00	200	Horizontal	Pass
4**	7489.500	44.19	54.0	9.81	AV	317.00	200	Horizontal	Pass
5	12462.387	54.20	74.0	19.80	Peak	147.00	150	Horizontal	Pass
5**	12462.387	44.33	54.0	9.67	AV	147.00	150	Horizontal	Pass
6	15905.250	53.85	74.0	20.15	Peak	98.00	100	Horizontal	Pass
6**	15905.250	44.64	54.0	9.36	AV	98.00	100	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	1604.600	38.25	74.0	35.75	Peak	189.00	400	Vertical	Pass
1**	1604.600	28.74	54.0	25.26	AV	189.00	400	Vertical	Pass
2	4596.250	50.09	74.0	23.91	Peak	151.00	100	Vertical	Pass
2**	4596.250	47.14	54.0	6.86	AV	151.00	100	Vertical	Pass
3	5743.000	100.18	--	--	Peak	151.00	200	Vertical	N/A
3**	5743.000	93.23	--	--	AV	151.00	200	Vertical	N/A
4	7597.500	53.49	74.0	20.51	Peak	0.00	200	Vertical	Pass
4**	7597.500	44.44	54.0	9.56	AV	0.00	200	Vertical	Pass
5	12446.950	53.56	74.0	20.44	Peak	360.00	150	Vertical	Pass
5**	12446.950	44.55	54.0	9.45	AV	360.00	150	Vertical	Pass
6	16127.062	55.30	74.0	18.70	Peak	210.00	100	Vertical	Pass
6**	16127.062	45.37	54.0	8.63	AV	210.00	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	1473.900	38.58	74.0	35.42	Peak	184.00	300	Horizontal	Pass
1**	1473.900	28.94	54.0	25.06	AV	184.00	300	Horizontal	Pass
2	4628.250	52.55	74.0	21.45	Peak	299.00	100	Horizontal	Pass
2**	4628.250	46.88	54.0	7.12	AV	299.00	100	Horizontal	Pass
3	5783.750	99.62	--	--	Peak	202.00	200	Horizontal	N/A
3**	5783.750	92.02	--	--	AV	202.00	200	Horizontal	N/A
4	7592.000	53.33	74.0	20.67	Peak	299.00	300	Horizontal	Pass
4**	7592.000	44.19	54.0	9.81	AV	299.00	300	Horizontal	Pass
5	12498.487	53.70	74.0	20.30	Peak	106.00	200	Horizontal	Pass
5**	12498.487	44.35	54.0	9.65	AV	106.00	200	Horizontal	Pass
6	16140.450	54.24	74.0	19.76	Peak	275.00	300	Horizontal	Pass
6**	16140.450	44.83	54.0	9.17	AV	275.00	300	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	1599.500	38.49	74.0	35.51	Peak	13.00	400	Vertical	Pass
1**	1599.500	28.40	54.0	25.60	AV	13.00	400	Vertical	Pass
2	4628.250	51.89	74.0	22.11	Peak	0.00	100	Vertical	Pass
2**	4628.250	47.07	54.0	6.93	AV	0.00	100	Vertical	Pass
3	5786.500	102.18	--	--	Peak	163.00	150	Vertical	N/A
3**	5786.500	93.94	--	--	AV	163.00	150	Vertical	N/A
4	7487.000	53.73	74.0	20.27	Peak	347.00	300	Vertical	Pass
4**	7487.000	44.05	54.0	9.95	AV	347.00	300	Vertical	Pass
5	12508.225	54.11	74.0	19.89	Peak	360.00	200	Vertical	Pass
5**	12508.225	43.98	54.0	10.02	AV	360.00	200	Vertical	Pass
6	15886.612	55.28	74.0	18.72	Peak	349.00	400	Vertical	Pass
6**	15886.612	45.61	54.0	8.39	AV	349.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.300	38.61	74.0	35.39	Peak	86.00	300	Horizontal	Pass
1**	1625.300	29.16	54.0	24.84	AV	86.00	300	Horizontal	Pass
2	3787.000	49.03	74.0	24.97	Peak	220.00	100	Horizontal	Pass
2**	3787.000	49.49	54.0	4.51	AV	220.00	100	Horizontal	Pass
3	5822.500	98.38	--	--	Peak	220.00	150	Horizontal	N/A
3**	5822.500	91.42	--	--	AV	220.00	150	Horizontal	N/A
4	7619.750	54.62	74.0	19.38	Peak	0.00	100	Horizontal	Pass
4**	7619.750	43.65	54.0	10.35	AV	0.00	100	Horizontal	Pass
5	11652.513	54.90	74.0	19.10	Peak	284.00	200	Horizontal	Pass
5**	11652.513	44.46	54.0	9.54	AV	284.00	200	Horizontal	Pass
6	15901.312	54.51	74.0	19.49	Peak	5.00	100	Horizontal	Pass
6**	15901.312	44.86	54.0	9.14	AV	5.00	100	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	1592.700	38.66	74.0	35.34	Peak	325.00	300	Vertical	Pass
1**	1592.700	29.32	54.0	24.68	AV	325.00	300	Vertical	Pass
2	3787.250	44.38	74.0	29.62	Peak	24.00	100	Vertical	Pass
2**	3787.250	48.38	54.0	5.62	AV	24.00	100	Vertical	Pass
3	5823.250	101.79	--	--	Peak	161.00	150	Vertical	N/A
3**	5823.250	93.84	--	--	AV	161.00	150	Vertical	N/A
4	7360.000	53.46	74.0	20.54	Peak	348.00	300	Vertical	Pass
4**	7360.000	44.66	54.0	9.34	AV	348.00	300	Vertical	Pass
5	11651.562	53.75	74.0	20.25	Peak	206.00	200	Vertical	Pass
5**	11651.562	44.88	54.0	9.12	AV	206.00	200	Vertical	Pass
6	15895.012	54.16	74.0	19.84	Peak	168.00	400	Vertical	Pass
6**	15895.012	45.82	54.0	8.18	AV	168.00	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	1587.500	38.25	74.0	35.75	Peak	360.00	400	Horizontal	Pass
1**	1587.500	28.95	54.0	25.05	AV	360.00	400	Horizontal	Pass
2	3787.250	44.16	74.0	29.84	Peak	85.00	100	Horizontal	Pass
2**	3787.250	48.68	54.0	5.32	AV	85.00	100	Horizontal	Pass
3	5746.000	101.04	--	--	Peak	222.00	200	Horizontal	N/A
3**	5746.000	92.90	--	--	AV	222.00	200	Horizontal	N/A
4	7358.000	53.97	74.0	20.03	Peak	320.00	100	Horizontal	Pass
4**	7358.000	45.46	54.0	8.54	AV	320.00	100	Horizontal	Pass
5	12507.750	52.94	74.0	21.06	Peak	12.00	150	Horizontal	Pass
5**	12507.750	44.81	54.0	9.19	AV	12.00	150	Horizontal	Pass
6	15914.963	54.35	74.0	19.65	Peak	320.00	400	Horizontal	Pass
6**	15914.963	45.23	54.0	8.77	AV	320.00	400	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	1441.100	38.69	74.0	35.31	Peak	308.00	400	Vertical	Pass
1**	1441.100	29.22	54.0	24.78	AV	308.00	400	Vertical	Pass
2	4596.250	50.79	74.0	23.21	Peak	280.00	100	Vertical	Pass
2**	4596.250	47.10	54.0	6.90	AV	280.00	100	Vertical	Pass
3	5744.500	100.85	--	--	Peak	161.00	100	Vertical	N/A
3**	5744.500	93.77	--	--	AV	161.00	100	Vertical	N/A
4	7625.000	54.05	74.0	19.95	Peak	161.00	200	Vertical	Pass
4**	7625.000	44.31	54.0	9.69	AV	161.00	200	Vertical	Pass
5	12507.037	53.65	74.0	20.35	Peak	57.00	150	Vertical	Pass
5**	12507.037	44.74	54.0	9.26	AV	57.00	150	Vertical	Pass
6	16102.388	54.31	74.0	19.69	Peak	242.00	400	Vertical	Pass
6**	16102.388	45.23	54.0	8.77	AV	242.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.700	38.81	74.0	35.19	Peak	84.00	200	Horizontal	Pass
1**	1558.700	29.19	54.0	24.81	AV	84.00	200	Horizontal	Pass
2	4628.000	49.30	74.0	24.70	Peak	279.00	100	Horizontal	Pass
2**	4628.000	46.39	54.0	7.61	AV	279.00	100	Horizontal	Pass
3	5787.250	98.53	--	--	Peak	218.00	150	Horizontal	N/A
3**	5787.250	91.27	--	--	AV	218.00	150	Horizontal	N/A
4	7595.500	53.42	74.0	20.58	Peak	0.00	300	Horizontal	Pass
4**	7595.500	44.20	54.0	9.80	AV	0.00	300	Horizontal	Pass
5	12514.162	53.17	74.0	20.83	Peak	307.00	150	Horizontal	Pass
5**	12514.162	44.23	54.0	9.77	AV	307.00	150	Horizontal	Pass
6	16130.475	54.31	74.0	19.69	Peak	0.00	100	Horizontal	Pass
6**	16130.475	45.15	54.0	8.85	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	38.28	74.0	35.72	Peak	271.00	100	Vertical	Pass
1**	1484.400	29.02	54.0	24.98	AV	271.00	100	Vertical	Pass
2	4628.250	50.80	74.0	23.20	Peak	134.00	100	Vertical	Pass
2**	4628.250	48.18	54.0	5.82	AV	134.00	100	Vertical	Pass
3	5786.500	101.53	--	--	Peak	154.00	150	Vertical	N/A
3**	5786.500	94.59	--	--	AV	154.00	150	Vertical	N/A
4	7585.500	53.09	74.0	20.91	Peak	317.00	200	Vertical	Pass
4**	7585.500	43.92	54.0	10.08	AV	317.00	200	Vertical	Pass
5	12488.988	54.04	74.0	19.96	Peak	353.00	100	Vertical	Pass
5**	12488.988	44.12	54.0	9.88	AV	353.00	100	Vertical	Pass
6	15898.951	53.84	74.0	20.16	Peak	346.00	400	Vertical	Pass
6**	15898.951	44.95	54.0	9.05	AV	346.00	400	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	3786.750	49.72	74.0	24.28	Peak	319.00	100	Horizontal	Pass
1**	3786.750	45.95	54.0	8.05	AV	319.00	100	Horizontal	Pass
2	4660.250	50.32	74.0	23.68	Peak	298.00	100	Horizontal	Pass
2**	4660.250	47.95	54.0	6.05	AV	298.00	100	Horizontal	Pass
3	5827.250	98.44	--	--	Peak	220.00	100	Horizontal	N/A
3**	5827.250	90.68	--	--	AV	220.00	100	Horizontal	N/A
4	7423.500	53.26	74.0	20.74	Peak	159.00	100	Horizontal	Pass
4**	7423.500	43.94	54.0	10.06	AV	159.00	100	Horizontal	Pass
5	12510.125	52.94	74.0	21.06	Peak	84.00	150	Horizontal	Pass
5**	12510.125	44.52	54.0	9.48	AV	84.00	150	Horizontal	Pass
6	15902.363	54.43	74.0	19.57	Peak	271.00	100	Horizontal	Pass
6**	15902.363	45.49	54.0	8.51	AV	271.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	3787.000	50.19	74.0	23.81	Peak	295.00	100	Vertical	Pass
1**	3787.000	48.29	54.0	5.71	AV	295.00	100	Vertical	Pass
2	4660.250	52.95	74.0	21.05	Peak	0.00	100	Vertical	Pass
2**	4660.250	48.31	54.0	5.69	AV	0.00	100	Vertical	Pass
3	5826.500	101.82	--	--	Peak	152.00	200	Vertical	N/A
3**	5826.500	94.69	--	--	AV	152.00	200	Vertical	N/A
4	7711.750	54.38	74.0	19.62	Peak	111.00	400	Vertical	Pass
4**	7711.750	44.44	54.0	9.56	AV	111.00	400	Vertical	Pass
5	11657.026	53.69	74.0	20.31	Peak	213.00	100	Vertical	Pass
5**	11657.026	44.49	54.0	9.51	AV	213.00	100	Vertical	Pass
6	15890.025	54.37	74.0	19.63	Peak	205.00	400	Vertical	Pass
6**	15890.025	44.86	54.0	9.14	AV	205.00	400	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	1490.800	38.63	74.0	35.37	Peak	14.00	200	Horizontal	Pass
1**	1490.800	29.35	54.0	24.65	AV	14.00	200	Horizontal	Pass
2	4604.250	49.33	74.0	24.67	Peak	295.00	100	Horizontal	Pass
2**	4604.250	47.34	54.0	6.66	AV	295.00	100	Horizontal	Pass
3	5752.250	98.15	--	--	Peak	217.00	200	Horizontal	N/A
3**	5752.250	90.29	--	--	AV	217.00	200	Horizontal	N/A
4	7370.250	53.74	74.0	20.26	Peak	315.00	300	Horizontal	Pass
4**	7370.250	44.09	54.0	9.91	AV	315.00	300	Horizontal	Pass
5	12517.250	53.60	74.0	20.40	Peak	110.00	100	Horizontal	Pass
5**	12517.250	44.29	54.0	9.71	AV	110.00	100	Horizontal	Pass
6	16155.938	54.67	74.0	19.33	Peak	113.00	300	Horizontal	Pass
6**	16155.938	45.29	54.0	8.71	AV	113.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	3787.000	48.18	74.0	25.82	Peak	137.00	100	Vertical	Pass
1**	3787.000	45.11	54.0	8.89	AV	137.00	100	Vertical	Pass
2	4604.250	50.54	74.0	23.46	Peak	0.00	100	Vertical	Pass
2**	4604.250	48.17	54.0	5.83	AV	0.00	100	Vertical	Pass
3	5752.000	99.91	--	--	Peak	157.00	150	Vertical	N/A
3**	5752.000	91.64	--	--	AV	157.00	150	Vertical	N/A
4	7652.250	53.89	74.0	20.11	Peak	297.00	200	Vertical	Pass
4**	7652.250	44.01	54.0	9.99	AV	297.00	200	Vertical	Pass
5	12496.588	53.31	74.0	20.69	Peak	14.00	100	Vertical	Pass
5**	12496.588	44.73	54.0	9.27	AV	14.00	100	Vertical	Pass
6	16136.513	54.22	74.0	19.78	Peak	149.00	400	Vertical	Pass
6**	16136.513	44.83	54.0	9.17	AV	149.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	3787.000	44.61	74.0	29.39	Peak	50.00	100	Horizontal	Pass
1**	3787.000	45.63	54.0	8.37	AV	50.00	100	Horizontal	Pass
2	4636.250	49.73	74.0	24.27	Peak	300.00	100	Horizontal	Pass
2**	4636.250	47.16	54.0	6.84	AV	300.00	100	Horizontal	Pass
3	5796.750	97.55	--	--	Peak	239.00	150	Horizontal	N/A
3**	5796.750	89.82	--	--	AV	239.00	150	Horizontal	N/A
4	7354.750	53.61	74.0	20.39	Peak	217.00	400	Horizontal	Pass
4**	7354.750	43.93	54.0	10.07	AV	217.00	400	Horizontal	Pass
5	12456.212	53.60	74.0	20.40	Peak	21.00	200	Horizontal	Pass
5**	12456.212	43.73	54.0	10.27	AV	21.00	200	Horizontal	Pass
6	15908.924	54.29	74.0	19.71	Peak	336.00	400	Horizontal	Pass
6**	15908.924	44.91	54.0	9.09	AV	336.00	400	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	1609.600	38.25	74.0	35.75	Peak	315.00	200	Vertical	Pass
1**	1609.600	29.15	54.0	24.85	AV	315.00	200	Vertical	Pass
2	4636.000	51.54	74.0	22.46	Peak	16.00	100	Vertical	Pass
2**	4636.000	48.10	54.0	5.90	AV	16.00	100	Vertical	Pass
3	5798.250	99.94	--	--	Peak	172.00	100	Vertical	N/A
3**	5798.250	91.94	--	--	AV	172.00	100	Vertical	N/A
4	7600.500	52.88	74.0	21.12	Peak	360.00	200	Vertical	Pass
4**	7600.500	44.26	54.0	9.74	AV	360.00	200	Vertical	Pass
5	12508.225	53.86	74.0	20.14	Peak	307.00	100	Vertical	Pass
5**	12508.225	44.65	54.0	9.35	AV	307.00	100	Vertical	Pass
6	16161.450	54.14	74.0	19.86	Peak	197.00	200	Vertical	Pass
6**	16161.450	44.48	54.0	9.52	AV	197.00	200	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	1439.100	38.32	74.0	35.68	Peak	213.00	100	Horizontal	Pass
1**	1439.100	29.03	54.0	24.97	AV	213.00	100	Horizontal	Pass
2	4596.250	49.54	74.0	24.46	Peak	314.00	100	Horizontal	Pass
2**	4596.250	46.45	54.0	7.55	AV	314.00	100	Horizontal	Pass
3	5743.250	100.38	--	--	Peak	235.00	150	Horizontal	N/A
3**	5743.250	92.93	--	--	AV	235.00	150	Horizontal	N/A
4	7584.000	52.69	74.0	21.31	Peak	89.00	200	Horizontal	Pass
4**	7584.000	44.94	54.0	9.06	AV	89.00	200	Horizontal	Pass
5	12467.849	54.08	74.0	19.92	Peak	212.00	200	Horizontal	Pass
5**	12467.849	43.60	54.0	10.40	AV	212.00	200	Horizontal	Pass
6	16139.400	54.16	74.0	19.84	Peak	144.00	100	Horizontal	Pass
6**	16139.400	45.01	54.0	8.99	AV	144.00	100	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	3787.250	51.53	74.0	22.47	Peak	225.00	100	Vertical	Pass
1**	3787.250	48.06	54.0	5.94	AV	225.00	100	Vertical	Pass
2	4596.500	50.49	74.0	23.51	Peak	166.00	100	Vertical	Pass
2**	4596.500	47.98	54.0	6.02	AV	166.00	100	Vertical	Pass
3	5747.000	101.09	--	--	Peak	166.00	100	Vertical	N/A
3**	5747.000	94.13	--	--	AV	166.00	100	Vertical	N/A
4	7593.750	53.60	74.0	20.40	Peak	286.00	300	Vertical	Pass
4**	7593.750	44.67	54.0	9.33	AV	286.00	300	Vertical	Pass
5	12441.962	53.04	74.0	20.96	Peak	346.00	200	Vertical	Pass
5**	12441.962	45.19	54.0	8.81	AV	346.00	200	Vertical	Pass
6	15650.625	54.14	74.0	19.86	Peak	331.00	400	Vertical	Pass
6**	15650.625	44.63	54.0	9.37	AV	331.00	400	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	1617.800	38.67	74.0	35.33	Peak	127.00	300	Horizontal	Pass
1**	1617.800	30.08	54.0	23.92	AV	127.00	300	Horizontal	Pass
2	4628.250	50.62	74.0	23.38	Peak	312.00	100	Horizontal	Pass
2**	4628.250	46.50	54.0	7.50	AV	312.00	100	Horizontal	Pass
3	5788.000	99.12	--	--	Peak	230.00	100	Horizontal	N/A
3**	5788.000	91.36	--	--	AV	230.00	100	Horizontal	N/A
4	7592.750	53.31	74.0	20.69	Peak	108.00	400	Horizontal	Pass
4**	7592.750	44.19	54.0	9.81	AV	108.00	400	Horizontal	Pass
5	12459.062	52.77	74.0	21.23	Peak	171.00	100	Horizontal	Pass
5**	12459.062	43.73	54.0	10.27	AV	171.00	100	Horizontal	Pass
6	16143.337	54.56	74.0	19.44	Peak	47.00	200	Horizontal	Pass
6**	16143.337	44.12	54.0	9.88	AV	47.00	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	1454.600	38.55	74.0	35.45	Peak	222.00	300	Vertical	Pass
1**	1454.600	29.55	54.0	24.45	AV	222.00	300	Vertical	Pass
2	4628.000	51.62	74.0	22.38	Peak	14.00	100	Vertical	Pass
2**	4628.000	47.81	54.0	6.19	AV	14.00	100	Vertical	Pass
3	5787.750	102.17	--	--	Peak	181.00	200	Vertical	N/A
3**	5787.750	93.37	--	--	AV	181.00	200	Vertical	N/A
4	7486.750	53.03	74.0	20.97	Peak	181.00	400	Vertical	Pass
4**	7486.750	44.36	54.0	9.64	AV	181.00	400	Vertical	Pass
5	12407.287	52.79	74.0	21.21	Peak	96.00	150	Vertical	Pass
5**	12407.287	43.79	54.0	10.21	AV	96.00	150	Vertical	Pass
6	16135.987	53.93	74.0	20.07	Peak	334.00	100	Vertical	Pass
6**	16135.987	44.61	54.0	9.39	AV	334.00	100	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	1619.100	38.37	74.0	35.63	Peak	81.00	200	Horizontal	Pass
1**	1619.100	29.67	54.0	24.33	AV	81.00	200	Horizontal	Pass
2	4660.250	51.93	74.0	22.07	Peak	295.00	100	Horizontal	Pass
2**	4660.250	48.11	54.0	5.89	AV	295.00	100	Horizontal	Pass
3	5823.250	99.78	--	--	Peak	218.00	200	Horizontal	Pass
3**	5823.250	91.94	--	--	AV	218.00	200	Horizontal	N/A
4	7604.250	53.97	74.0	20.03	Peak	276.00	400	Horizontal	Pass
4**	7604.250	44.62	54.0	9.38	AV	276.00	400	Horizontal	Pass
5	11645.862	53.37	74.0	20.63	Peak	273.00	150	Horizontal	Pass
5**	11645.862	44.23	54.0	9.77	AV	273.00	150	Horizontal	Pass
6	16103.175	54.02	74.0	19.98	Peak	88.00	300	Horizontal	Pass
6**	16103.175	44.40	54.0	9.60	AV	88.00	300	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	1595.700	38.37	74.0	35.63	Peak	5.00	300	Vertical	Pass
1**	1595.700	29.06	54.0	24.94	AV	5.00	300	Vertical	Pass
2	4660.250	52.14	74.0	21.86	Peak	14.00	100	Vertical	Pass
2**	4660.250	49.45	54.0	4.55	AV	14.00	100	Vertical	Pass
3	5825.750	100.94	--	--	Peak	166.00	100	Vertical	N/A
3**	5825.750	94.03	--	--	AV	166.00	100	Vertical	N/A
4	7483.250	54.02	74.0	19.98	Peak	145.00	300	Vertical	Pass
4**	7483.250	43.87	54.0	10.13	AV	145.00	300	Vertical	Pass
5	11658.213	54.00	74.0	20.00	Peak	137.00	150	Vertical	Pass
5**	11658.213	44.98	54.0	9.02	AV	137.00	150	Vertical	Pass
6	15830.700	53.81	74.0	20.19	Peak	360.00	400	Vertical	Pass
6**	15830.700	43.86	54.0	10.14	AV	360.00	400	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	1623.400	38.13	74.0	35.87	Peak	360.00	300	Horizontal	Pass
1**	1623.400	29.01	54.0	24.99	AV	360.00	300	Horizontal	Pass
2	3787.250	44.24	74.0	29.76	Peak	5.00	100	Horizontal	Pass
2**	3787.250	49.02	54.0	4.98	AV	5.00	100	Horizontal	Pass
3	5753.250	98.29	--	--	Peak	218.00	100	Horizontal	N/A
3**	5753.250	90.23	--	--	AV	218.00	100	Horizontal	N/A
4	7489.750	53.52	74.0	20.48	Peak	101.00	200	Horizontal	Pass
4**	7489.750	44.05	54.0	9.95	AV	101.00	200	Horizontal	Pass
5	12523.425	53.03	74.0	20.97	Peak	188.00	150	Horizontal	Pass
5**	12523.425	44.48	54.0	9.52	AV	188.00	150	Horizontal	Pass
6	16137.300	53.65	74.0	20.35	Peak	117.00	400	Horizontal	Pass
6**	16137.300	45.19	54.0	8.81	AV	117.00	400	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	1472.000	38.79	74.0	35.21	Peak	248.00	100	Vertical	Pass
1**	1472.000	29.34	54.0	24.66	AV	248.00	100	Vertical	Pass
2	4604.250	52.20	74.0	21.80	Peak	140.00	100	Vertical	Pass
2**	4604.250	48.12	54.0	5.88	AV	140.00	100	Vertical	Pass
3	5753.000	98.99	--	--	Peak	161.00	100	Vertical	N/A
3**	5753.000	91.70	--	--	AV	161.00	100	Vertical	N/A
4	7642.250	53.13	74.0	20.87	Peak	346.00	300	Vertical	Pass
4**	7642.250	44.43	54.0	9.57	AV	346.00	300	Vertical	Pass
5	11513.338	53.12	74.0	20.88	Peak	265.00	200	Vertical	Pass
5**	11513.338	44.70	54.0	9.30	AV	265.00	200	Vertical	Pass
6	15899.475	53.87	74.0	20.13	Peak	28.00	200	Vertical	Pass
6**	15899.475	45.51	54.0	8.49	AV	28.00	200	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	38.94	74.0	35.06	Peak	231.00	200	Horizontal	Pass
1**	1484.400	29.70	54.0	24.30	AV	231.00	200	Horizontal	Pass
2	3787.250	50.26	74.0	23.74	Peak	179.00	100	Horizontal	Pass
2**	3787.250	45.43	54.0	8.57	AV	179.00	100	Horizontal	Pass
3	5793.000	97.71	--	--	Peak	218.00	200	Horizontal	N/A
3**	5793.000	90.04	--	--	AV	218.00	200	Horizontal	N/A
4	7625.500	53.70	74.0	20.30	Peak	347.00	300	Horizontal	Pass
4**	7625.500	42.84	54.0	11.16	AV	347.00	300	Horizontal	Pass
5	12513.450	53.22	74.0	20.78	Peak	253.00	200	Horizontal	Pass
5**	12513.450	43.65	54.0	10.35	AV	253.00	200	Horizontal	Pass
6	15889.762	54.16	74.0	19.84	Peak	52.00	200	Horizontal	Pass
6**	15889.762	44.90	54.0	9.10	AV	52.00	200	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	3787.000	51.76	74.0	22.24	Peak	24.00	100	Vertical	Pass
1**	3787.000	50.09	54.0	3.91	AV	24.00	100	Vertical	Pass
2	4636.250	52.62	74.0	21.38	Peak	142.00	100	Vertical	Pass
2**	4636.250	49.36	54.0	4.64	AV	142.00	100	Vertical	Pass
3	5793.250	99.09	--	--	Peak	160.00	100	Vertical	N/A
3**	5793.250	91.71	--	--	AV	160.00	100	Vertical	N/A
4	7489.250	53.70	74.0	20.30	Peak	347.00	200	Vertical	Pass
4**	7489.250	44.24	54.0	9.76	AV	347.00	200	Vertical	Pass
5	12506.563	52.97	74.0	21.03	Peak	12.00	150	Vertical	Pass
5**	12506.563	44.49	54.0	9.51	AV	12.00	150	Vertical	Pass
6	16088.212	53.81	74.0	20.19	Peak	192.00	300	Vertical	Pass
6**	16088.212	44.28	54.0	9.72	AV	192.00	300	Vertical	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.900	38.45	74.0	35.55	Peak	0.00	100	Horizontal	Pass
1**	1469.900	28.92	54.0	25.08	AV	0.00	100	Horizontal	Pass
2	4620.250	50.56	74.0	23.44	Peak	293.00	100	Horizontal	Pass
2**	4620.250	47.94	54.0	6.06	AV	293.00	100	Horizontal	Pass
3	5768.250	93.61	--	--	Peak	215.00	150	Horizontal	N/A
3**	5768.250	86.38	--	--	AV	215.00	150	Horizontal	N/A
4	7607.750	53.50	74.0	20.50	Peak	195.00	100	Horizontal	Pass
4**	7607.750	44.13	54.0	9.87	AV	195.00	100	Horizontal	Pass
5	12500.150	53.88	74.0	20.12	Peak	72.00	200	Horizontal	Pass
5**	12500.150	44.09	54.0	9.91	AV	72.00	200	Horizontal	Pass
6	15901.838	53.75	74.0	20.25	Peak	285.00	200	Horizontal	Pass
6**	15901.838	45.95	54.0	8.05	AV	285.00	200	Horizontal	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.000	37.93	74.0	36.07	Peak	266.00	400	Vertical	Pass
1**	1619.000	29.29	54.0	24.71	AV	266.00	400	Vertical	Pass
2	4620.250	51.68	74.0	22.32	Peak	346.00	100	Vertical	Pass
2**	4620.250	49.08	54.0	4.92	AV	346.00	100	Vertical	Pass
3	5772.000	95.68	--	--	Peak	157.00	150	Vertical	N/A
3**	5772.000	87.76	--	--	AV	157.00	150	Vertical	N/A
4	7639.250	53.18	74.0	20.82	Peak	256.00	300	Vertical	Pass
4**	7639.250	44.20	54.0	9.80	AV	256.00	300	Vertical	Pass
5	12486.850	52.95	74.0	21.05	Peak	47.00	200	Vertical	Pass
5**	12486.850	44.25	54.0	9.75	AV	47.00	200	Vertical	Pass
6	15908.400	54.20	74.0	19.80	Peak	103.00	400	Vertical	Pass
6**	15908.400	44.72	54.0	9.28	AV	103.00	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
	802.11ac(VHT80)	Middle	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
	802.11ac(VHT80)	Middle	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
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

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

Test Data**U-NII-1 11a Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.416	66.16	74.0	7.84	Peak	325.00	100	Vertical	Pass
1**	5142.416	47.59	54.0	6.41	AV	325.00	100	Vertical	Pass
2	5150.000	65.48	74.0	8.52	Peak	174.00	100	Vertical	Pass
2**	5150.000	50.78	54.0	3.22	AV	174.00	100	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	55.07	74.0	18.93	Peak	126.00	200	Vertical	Pass
1**	5350.000	45.05	54.0	8.95	AV	126.00	200	Vertical	Pass
2	5379.700	56.65	74.0	17.35	Peak	198.00	200	Vertical	Pass
2**	5379.700	44.76	54.0	9.24	AV	198.00	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	5147.833	69.72	74.0	4.28	Peak	332.00	150	Vertical	Pass
1**	5147.833	49.77	54.0	4.23	AV	332.00	150	Vertical	Pass
2	5150.000	66.97	74.0	7.03	Peak	331.00	150	Vertical	Pass
2**	5150.000	50.69	54.0	3.31	AV	331.00	150	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	55.21	74.0	18.79	Peak	261.00	150	Vertical	Pass
1**	5350.000	44.96	54.0	9.04	AV	261.00	150	Vertical	Pass
2	5355.317	56.76	74.0	17.24	Peak	171.00	100	Vertical	Pass
2**	5355.317	44.71	54.0	9.29	AV	171.00	100	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	5148.917	65.06	74.0	8.94	Peak	315.00	200	Vertical	Pass
1**	5148.917	49.51	54.0	4.49	AV	315.00	200	Vertical	Pass
2	5150.000	67.65	74.0	6.35	Peak	315.00	100	Vertical	Pass
2**	5150.000	50.30	54.0	3.70	AV	315.00	100	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	55.89	74.0	18.11	Peak	102.00	150	Vertical	Pass
1**	5350.000	45.02	54.0	8.98	AV	102.00	150	Vertical	Pass
2	5394.366	56.70	74.0	17.30	Peak	141.00	150	Vertical	Pass
2**	5394.366	44.27	54.0	9.73	AV	141.00	150	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	5148.917	66.42	74.0	7.58	Peak	165.00	200	Vertical	Pass
1**	5148.917	50.32	54.0	3.68	AV	165.00	200	Vertical	Pass
2	5150.000	67.65	74.0	6.35	Peak	165.00	200	Vertical	Pass
2**	5150.000	50.65	54.0	3.35	AV	165.00	200	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	54.92	74.0	19.08	Peak	92.00	200	Vertical	Pass
1**	5350.000	45.11	54.0	8.89	AV	92.00	200	Vertical	Pass
2	5403.900	56.29	74.0	17.71	Peak	0.00	150	Vertical	Pass
2**	5403.900	44.17	54.0	9.83	AV	0.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	67.65	74.0	6.35	Peak	169.00	150	Vertical	Pass
1**	5148.917	49.89	54.0	4.11	AV	169.00	150	Vertical	Pass
2	5150.000	68.08	74.0	5.92	Peak	159.00	200	Vertical	Pass
2**	5150.000	50.47	54.0	3.53	AV	159.00	200	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	55.43	74.0	18.57	Peak	240.00	200	Vertical	Pass
1**	5350.000	45.01	54.0	8.99	AV	240.00	200	Vertical	Pass
2	5351.834	56.57	74.0	17.43	Peak	189.00	150	Vertical	Pass
2**	5351.834	44.74	54.0	9.26	AV	189.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	66.94	74.0	7.06	Peak	176.00	100	Vertical	Pass
1**	5146.750	49.79	54.0	4.21	AV	176.00	100	Vertical	Pass
2	5150.000	64.55	74.0	9.45	Peak	171.00	100	Vertical	Pass
2**	5150.000	50.08	54.0	3.92	AV	171.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.05	74.0	18.95	Peak	62.00	150	Vertical	Pass
1**	5350.000	45.13	54.0	8.87	AV	62.00	150	Vertical	Pass
2	5359.166	57.50	74.0	16.50	Peak	115.00	200	Vertical	Pass
2**	5359.166	44.77	54.0	9.23	AV	115.00	200	Vertical	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	5067.666	56.21	74.0	17.79	Peak	206.00	200	Vertical	Pass
1**	5067.666	44.15	54.0	9.85	AV	206.00	200	Vertical	Pass
2	5150.000	54.84	74.0	19.16	Peak	206.00	150	Vertical	Pass
2**	5150.000	44.53	54.0	9.47	AV	206.00	150	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	65.04	74.0	8.96	Peak	360.00	100	Vertical	Pass
1**	5350.000	50.70	54.0	3.30	AV	360.00	100	Vertical	Pass
2	5350.183	68.73	74.0	5.27	Peak	360.00	100	Vertical	Pass
2**	5350.183	50.99	54.0	3.01	AV	360.00	100	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	5150.000	54.17	74.0	19.83	Peak	163.00	200	Vertical	Pass
1**	5150.000	44.41	54.0	9.59	AV	163.00	200	Vertical	Pass
2	5150.000	54.17	74.0	19.83	Peak	163.00	100	Vertical	Pass
2**	5150.000	44.41	54.0	9.59	AV	163.00	100	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	64.00	74.0	10.00	Peak	359.00	150	Vertical	Pass
1**	5350.000	50.53	54.0	3.47	AV	359.00	150	Vertical	Pass
2	5350.183	68.17	74.0	5.83	Peak	352.00	150	Vertical	Pass
2**	5350.183	50.26	54.0	3.74	AV	352.00	150	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	5138.083	56.14	74.0	17.86	Peak	334.00	100	Vertical	Pass
1**	5138.083	44.53	54.0	9.47	AV	334.00	100	Vertical	Pass
2	5150.000	54.66	74.0	19.34	Peak	360.00	200	Vertical	Pass
2**	5150.000	44.64	54.0	9.36	AV	360.00	200	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	67.50	74.0	6.50	Peak	346.00	100	Vertical	Pass
1**	5350.000	50.19	54.0	3.81	AV	346.00	100	Vertical	Pass
2	5350.917	70.02	74.0	3.98	Peak	346.00	100	Vertical	Pass
2**	5350.917	49.96	54.0	4.04	AV	346.00	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	4862.917	56.42	74.0	17.58	Peak	169.00	150	Vertical	Pass
1**	4862.917	44.12	54.0	9.88	AV	169.00	150	Vertical	Pass
2	5150.000	55.09	74.0	18.91	Peak	359.00	100	Vertical	Pass
2**	5150.000	44.27	54.0	9.73	AV	359.00	100	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	67.21	74.0	6.79	Peak	159.00	200	Vertical	Pass
1**	5350.000	50.68	54.0	3.32	AV	159.00	200	Vertical	Pass
2	5350.733	67.86	74.0	6.14	Peak	344.00	200	Vertical	Pass
2**	5350.733	49.74	54.0	4.26	AV	344.00	200	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	5141.334	55.90	74.0	18.10	Peak	296.00	200	Vertical	Pass
1**	5141.334	44.51	54.0	9.49	AV	296.00	200	Vertical	Pass
2	5150.000	54.65	74.0	19.35	Peak	174.00	100	Vertical	Pass
2**	5150.000	44.57	54.0	9.43	AV	174.00	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	64.33	74.0	9.67	Peak	344.00	200	Vertical	Pass
1**	5350.000	50.27	54.0	3.73	AV	344.00	200	Vertical	Pass
2	5352.750	66.92	74.0	7.08	Peak	166.00	200	Vertical	Pass
2**	5352.750	49.58	54.0	4.42	AV	166.00	200	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4906.250	56.67	74.0	17.33	Peak	234.00	100	Vertical	Pass
1**	4906.250	43.94	54.0	10.06	AV	234.00	100	Vertical	Pass
2	5150.000	55.64	74.0	18.36	Peak	132.00	150	Vertical	Pass
2**	5150.000	44.56	54.0	9.44	AV	132.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.58	74.0	9.42	Peak	345.00	150	Vertical	Pass
1**	5350.000	50.30	54.0	3.70	AV	345.00	150	Vertical	Pass
2	5377.867	66.11	74.0	7.89	Peak	165.00	200	Vertical	Pass
2**	5377.867	47.95	54.0	6.05	AV	165.00	200	Vertical	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	5459.200	57.76	74.0	16.24	Peak	0.00	200	Vertical	Pass
1**	5459.200	44.46	54.0	9.54	AV	0.00	200	Vertical	Pass
2	5460.000	55.08	74.0	18.92	Peak	0.00	100	Vertical	Pass
2**	5460.000	44.40	54.0	9.60	AV	0.00	100	Vertical	Pass
3	5469.400	63.42	68.2	4.78	Peak	0.00	200	Vertical	Pass
3**	5469.400	47.80	--	--	AV	0.00	200	Vertical	N/A
4	5469.800	61.12	68.2	7.08	Peak	354.00	100	Vertical	Pass
4**	5469.800	48.11	--	--	AV	354.00	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	65.02	68.2	3.18	Peak	6.00	200	Vertical	Pass
2	5727.917	64.92	68.2	3.28	Peak	6.00	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	5459.600	60.34	74.0	13.66	Peak	358.00	100	Vertical	Pass
1**	5459.600	45.52	54.0	8.48	AV	358.00	100	Vertical	Pass
2	5460.000	58.14	74.0	15.86	Peak	344.00	150	Vertical	Pass
2**	5460.000	45.38	54.0	8.62	AV	344.00	150	Vertical	Pass
3	5466.800	64.38	68.2	3.82	Peak	360.00	200	Vertical	Pass
3**	5466.800	47.91	--	--	AV	360.00	200	Vertical	N/A
4	5469.800	63.70	68.2	4.50	Peak	358.00	150	Vertical	Pass
4**	5469.800	49.26	--	--	AV	358.00	150	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	64.30	68.2	3.90	Peak	174.00	150	Vertical	Pass
2	5725.416	64.90	68.2	3.30	Peak	169.00	100	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	5451.600	60.63	74.0	13.37	Peak	358.00	100	Vertical	Pass
1**	5451.600	44.27	54.0	9.73	AV	358.00	100	Vertical	Pass
2	5460.000	58.64	74.0	15.36	Peak	342.00	200	Vertical	Pass
2**	5460.000	45.37	54.0	8.63	AV	342.00	200	Vertical	Pass
3	5467.800	64.70	68.2	3.50	Peak	358.00	200	Vertical	Pass
3**	5467.800	47.06	--	--	AV	358.00	200	Vertical	N/A
4	5469.800	64.46	68.2	3.74	Peak	360.00	200	Vertical	Pass
4**	5469.800	48.44	--	--	AV	360.00	200	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	63.39	68.2	4.81	Peak	332.00	200	Vertical	Pass
2	5726.667	65.03	68.2	3.17	Peak	173.00	100	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	5458.000	60.88	74.0	13.12	Peak	4.00	100	Vertical	Pass
1**	5458.000	45.58	54.0	8.42	AV	4.00	100	Vertical	Pass
2	5460.000	59.34	74.0	14.66	Peak	342.00	100	Vertical	Pass
2**	5460.000	46.13	54.0	7.87	AV	342.00	100	Vertical	Pass
3	5468.400	64.65	68.2	3.55	Peak	349.00	100	Vertical	Pass
3**	5468.400	49.87	--	--	AV	349.00	100	Vertical	N/A
4	5469.800	64.24	68.2	3.96	Peak	360.00	100	Vertical	Pass
4**	5469.800	51.12	--	--	AV	360.00	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	63.53	68.2	4.67	Peak	166.00	200	Vertical	Pass
2	5727.084	63.87	68.2	4.33	Peak	360.00	150	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	5458.400	59.26	74.0	14.74	Peak	0.00	150	Vertical	Pass
1**	5458.400	44.14	54.0	9.86	AV	0.00	150	Vertical	Pass
2	5460.000	57.01	74.0	16.99	Peak	352.00	200	Vertical	Pass
2**	5460.000	44.46	54.0	9.54	AV	352.00	200	Vertical	Pass
3	5468.600	64.00	68.2	4.20	Peak	352.00	200	Vertical	Pass
3**	5468.600	46.53	--	--	AV	352.00	200	Vertical	N/A
4	5469.800	61.15	68.2	7.05	Peak	0.00	150	Vertical	Pass
4**	5469.800	47.17	--	--	AV	0.00	150	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	61.49	68.2	6.71	Peak	189.00	200	Vertical	Pass
2	5726.042	62.56	68.2	5.64	Peak	0.00	200	Vertical	Pass

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5450.200	62.78	74.0	11.22	Peak	6.00	100	Vertical	Pass
1**	5450.200	47.20	54.0	6.80	AV	6.00	100	Vertical	Pass
2	5460.000	61.19	74.0	12.81	Peak	172.00	150	Vertical	Pass
2**	5460.000	48.33	54.0	5.67	AV	172.00	150	Vertical	Pass
3	5467.600	65.01	68.2	3.19	Peak	6.00	200	Vertical	Pass
3**	5467.600	49.04	--	--	AV	6.00	200	Vertical	N/A
4	5469.800	61.58	68.2	6.62	Peak	349.00	100	Vertical	Pass
4**	5469.800	49.51	--	--	AV	349.00	100	Vertical	N/A

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.30	68.2	7.90	Peak	173.00	100	Vertical	Pass
2	5734.583	61.98	68.2	6.22	Peak	354.00	200	Vertical	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	5645.416	55.93	68.2	12.27	Peak	125.00	200	Vertical	Pass
2	5650.000	55.21	68.2	12.99	Peak	0.00	150	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	5924.750	55.93	68.4	12.47	Peak	346.00	150	Vertical	Pass
2	5961.500	57.19	68.2	11.01	Peak	251.00	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	5646.875	55.86	68.2	12.34	Peak	86.00	150	Vertical	Pass
2	5650.000	55.67	68.2	12.53	Peak	310.00	150	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	5924.750	54.98	68.4	13.42	Peak	138.00	150	Vertical	Pass
2	5997.500	57.07	68.2	11.13	Peak	247.00	200	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	5604.167	56.10	68.2	12.10	Peak	331.00	100	Vertical	Pass
2	5650.000	55.09	68.2	13.11	Peak	341.00	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	5924.750	57.03	68.4	11.37		345.00	100	Vertical	Pass
2	5934.000	57.25	68.2	10.95	Peak	250.00	150	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	5634.791	56.76	68.2	11.44	Peak	356.00	200	Vertical	Pass
2	5650.000	55.07	68.2	13.13	Peak	266.00	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	5924.750	55.94	68.4	12.46	Peak	244.00	200	Vertical	Pass
2	5932.000	57.32	68.2	10.88	Peak	1.00	200	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	5647.709	57.11	68.2	11.09	Peak	39.00	200	Vertical	Pass
2	5650.000	55.20	68.2	13.00	Peak	346.00	200	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	5924.750	55.12	68.4	13.28	Peak	106.00	150	Vertical	Pass
2	5989.750	57.08	68.2	11.12	Peak	237.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.416	64.63	68.2	3.57	Peak	159.00	200	Vertical	Pass
2	5650.000	62.02	68.2	6.18	Peak	2.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.96	68.4	12.44	Peak	11.00	200	Vertical	Pass
2	5927.750	57.62	68.2	10.58	Peak	169.00	150	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2570492-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2570492-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2570492-AI.PDF”.

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