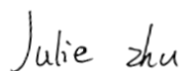
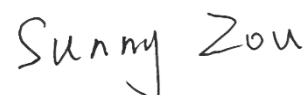


TEST REPORT

Applicant: SHENZHEN WATER WORLD CO., LTD.
Address: Room 1201, 12F, Block B, Qinghua Information Port
No.1, Songpingshan Xindong Road, Songpingshan
Community, Xili Subdistrict, Nanshan District,
Shenzhen
Equipment Type: Mobile phone
Model Name: BLK-L03
Brand Name: iotapk
FCC ID: 2BR4O-BLK-L03
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Jul. 14, 2025
Test Date: Jul. 19, 2025 - Aug. 19, 2025
Date of Issue: Sep. 11, 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>Aug. 22, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Sep. 11, 2025</u>	<u>Update the FCC ID number</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	SHENZHEN WATER WORLD CO., LTD.
Address	Room 1201,12F, Block B, Qinghua Information Port No.1, Songpingshan Xindong Road, Songpingshan Community, Xili Subdistrict, Nanshan District, Shenzhen

2.2 Manufacturer Information

Manufacturer	SHENZHEN WATER WORLD CO., LTD.
Address	Room 1201,12F, Block B, Qinghua Information Port No.1, Songpingshan Xindong Road, Songpingshan Community, Xili Subdistrict, Nanshan District, Shenzhen

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile phone
Model Name Under Test	BLK-L03
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	FS310-MB-V0.5
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/13/17/26/66 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac GPS, GLONASS, FM receiver
-----------------------------------	--

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: 23.44 mW U-NII-2A: 23.82 mW U-NII-2C: 39.08mW U-NII-3: 45.19 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.5 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.5 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.5 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.5 dBi
About the Product	The equipment is Mobile phone, 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.

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 C63.10-2013	American National Standard for Testing 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	47% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.2℃ to +25.7℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2025.06.16	2026.06.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2025.06.16	2026.06.15
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2025.06.17	2026.06.16
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

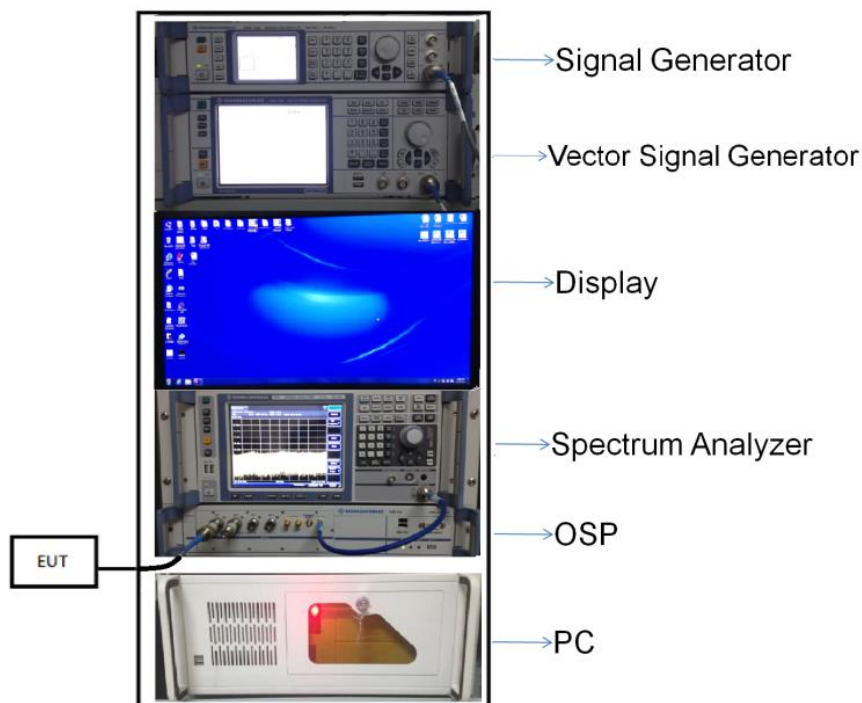
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

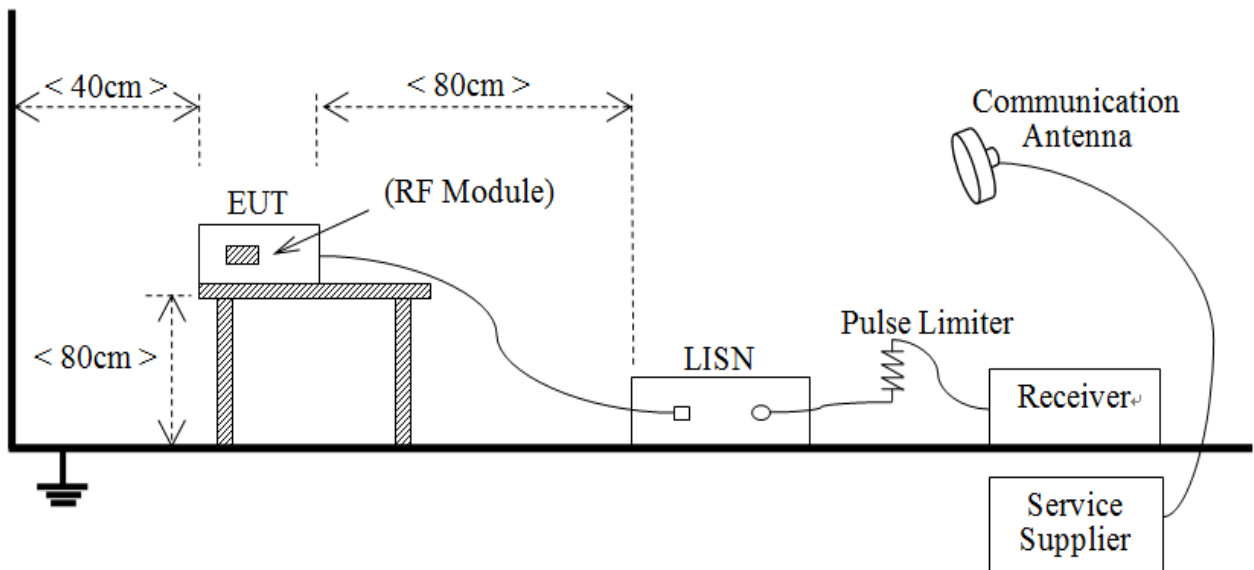
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



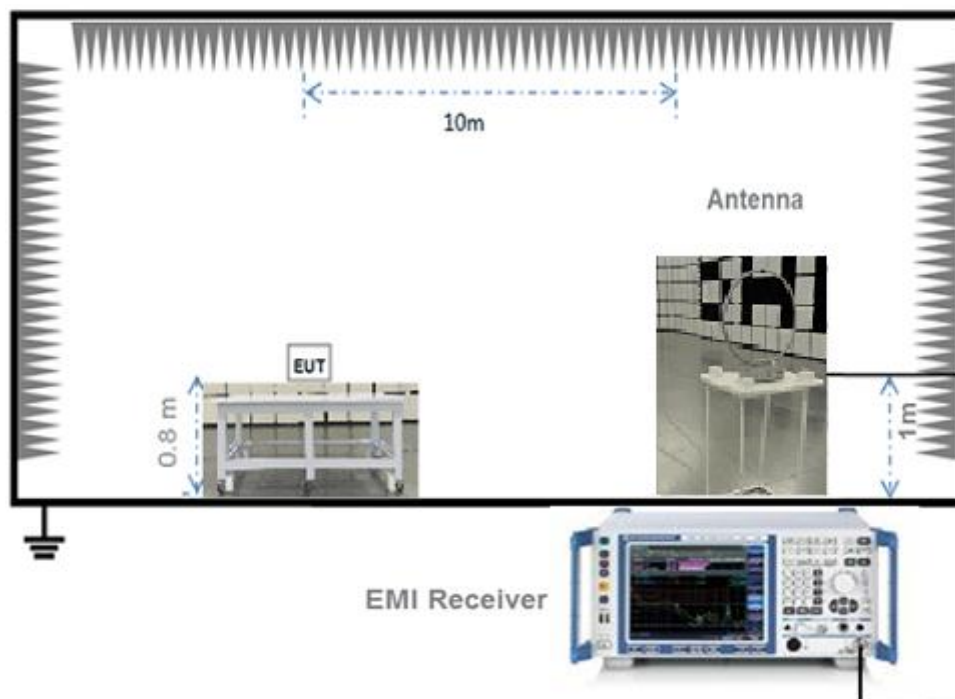
(Diagram 1)

4.5.2 For AC Power Supply Port Test



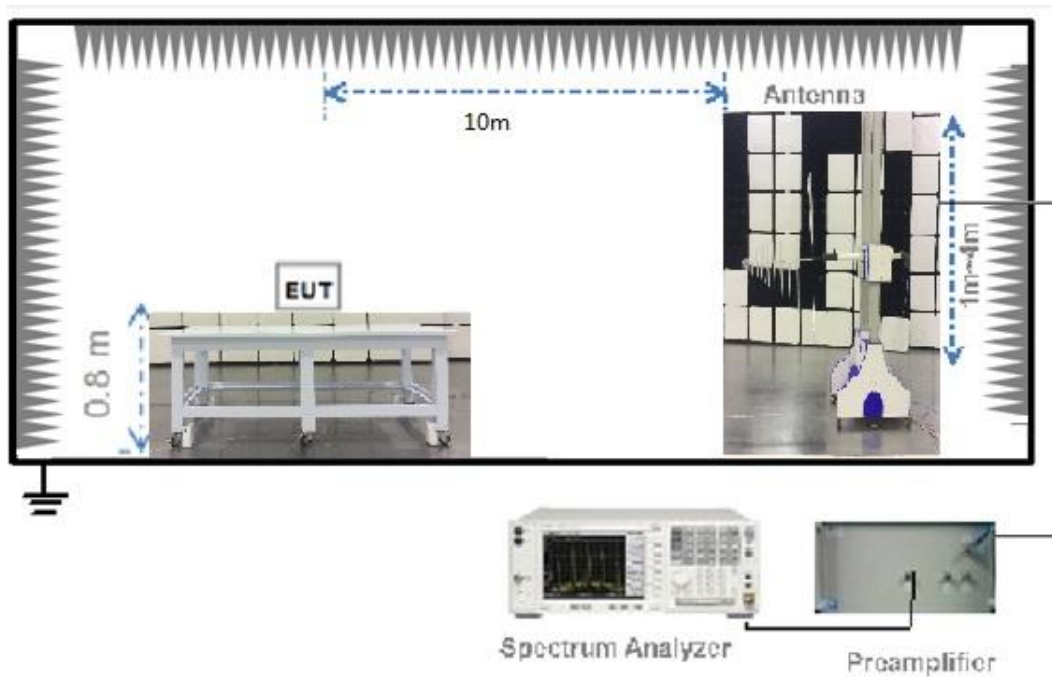
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



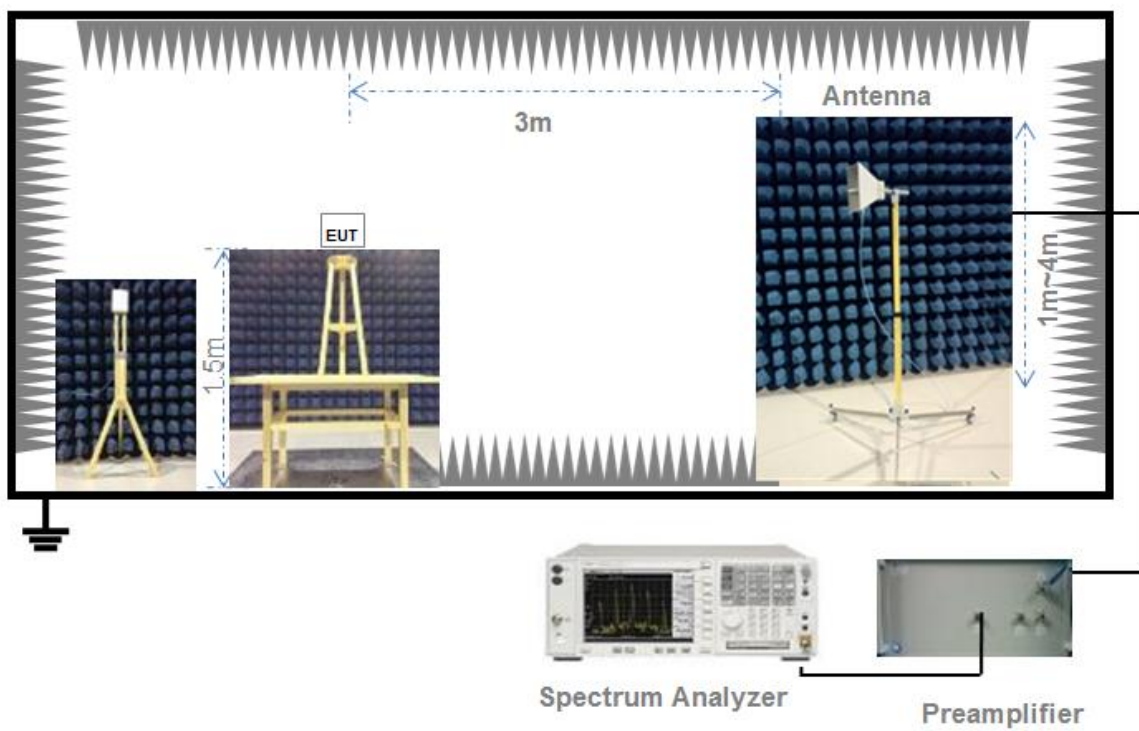
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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)

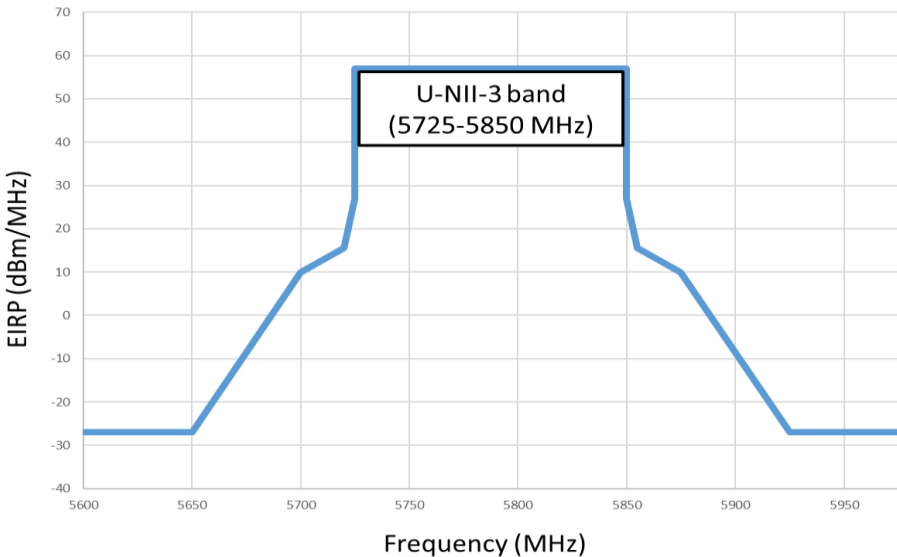
5.5.1 Limit

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.77	78.88%	1.03
11n(HT20)/11ac(VHT20)	1.18	1.37	86.16%	0.65
11n(HT40)/11ac(VHT40)	0.59	0.81	73.01%	1.37
11ac(VHT80)	0.30	0.49	59.96%	2.22

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.58	22.80	250	Pass
11a	CH44	13.70	23.44	250	Pass
11a	CH48	13.67	23.28	250	Pass
11n(HT20)	CH36	12.10	16.22	250	Pass
11n(HT20)	CH44	12.27	16.87	250	Pass
11n(HT20)	CH48	12.34	17.14	250	Pass
11n(HT40)	CH38	12.16	16.44	250	Pass
11n(HT40)	CH46	11.39	13.77	250	Pass
11ac(VHT20)	CH36	11.97	15.74	250	Pass
11ac(VHT20)	CH44	12.11	16.26	250	Pass
11ac(VHT20)	CH48	12.19	16.56	250	Pass
11ac(VHT40)	CH38	12.14	16.37	250	Pass
11ac(VHT40)	CH46	12.30	16.98	250	Pass
11ac(VHT80)	CH42	11.47	14.03	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.69	23.39	250	Pass
11a	CH60	13.68	23.33	250	Pass
11a	CH64	13.77	23.82	250	Pass
11n(HT20)	CH52	12.28	16.90	250	Pass
11n(HT20)	CH60	12.42	17.46	250	Pass
11n(HT20)	CH64	12.43	17.50	250	Pass
11n(HT40)	CH54	12.38	17.30	250	Pass
11n(HT40)	CH62	12.60	18.20	250	Pass
11ac(VHT20)	CH52	12.30	16.98	250	Pass
11ac(VHT20)	CH60	12.41	17.42	250	Pass
11ac(VHT20)	CH64	12.47	17.66	250	Pass
11ac(VHT40)	CH54	12.40	17.38	250	Pass
11ac(VHT40)	CH62	12.56	18.03	250	Pass
11ac(VHT80)	CH58	11.84	15.28	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.06	32.06	250	Pass
11a	CH116	15.49	35.40	250	Pass
11a	CH140	15.92	39.08	250	Pass
11n(HT20)	CH100	13.69	23.39	250	Pass
11n(HT20)	CH116	14.43	27.73	250	Pass
11n(HT20)	CH140	13.69	23.39	250	Pass
11n(HT40)	CH102	10.85	12.16	250	Pass
11n(HT40)	CH118	14.47	27.99	250	Pass
11n(HT40)	CH134	14.53	28.38	250	Pass
11ac(VHT20)	CH100	14.54	28.44	250	Pass
11ac(VHT20)	CH116	14.31	26.98	250	Pass
11ac(VHT20)	CH140	13.76	23.77	250	Pass
11ac(VHT40)	CH102	10.86	12.19	250	Pass
11ac(VHT40)	CH118	14.50	28.18	250	Pass
11ac(VHT40)	CH134	14.58	28.71	250	Pass
11ac(VHT80)	CH106	13.38	21.78	250	Pass
11ac(VHT80)	CH122	13.45	22.13	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	16.45	44.16	1000	Pass
11a	CH157	16.55	45.19	1000	Pass
11a	CH165	16.54	45.08	1000	Pass
11n(HT20)	CH149	15.08	32.21	1000	Pass
11n(HT20)	CH157	15.26	33.57	1000	Pass
11n(HT20)	CH165	15.30	33.88	1000	Pass
11n(HT40)	CH151	15.97	39.54	1000	Pass
11n(HT40)	CH159	15.89	38.82	1000	Pass
11ac(VHT20)	CH149	15.12	32.51	1000	Pass
11ac(VHT20)	CH157	15.25	33.50	1000	Pass
11ac(VHT20)	CH165	15.29	33.81	1000	Pass
11ac(VHT40)	CH151	14.80	30.20	1000	Pass
11ac(VHT40)	CH159	14.22	26.42	1000	Pass
11ac(VHT80)	CH155	13.87	24.38	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2570845-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	26.98	16.68
11a	CH44	27.78	16.65
11a	CH48	28.29	16.65
11n(HT20)	CH36	31.08	17.75
11n(HT20)	CH44	29.82	17.73
11n(HT20)	CH48	27.36	17.72
11n(HT40)	CH38	47.30	36.26
11n(HT40)	CH46	49.92	36.25
11ac(VHT20)	CH36	29.83	17.67
11ac(VHT20)	CH44	31.97	17.67
11ac(VHT20)	CH48	29.66	17.68
11ac(VHT40)	CH38	50.36	36.21
11ac(VHT40)	CH46	50.01	36.20
11ac(VHT80)	CH42	85.75	75.38

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	30.09	16.68
11a	CH60	27.62	16.68
11a	CH64	30.34	16.69
11n(HT20)	CH52	29.98	17.72
11n(HT20)	CH60	29.61	17.73
11n(HT20)	CH64	29.37	17.75
11n(HT40)	CH54	50.17	36.29
11n(HT40)	CH62	49.98	36.26
11ac(VHT20)	CH52	29.75	17.66
11ac(VHT20)	CH60	29.28	17.68
11ac(VHT20)	CH64	30.39	17.70
11ac(VHT40)	CH54	50.38	36.21
11ac(VHT40)	CH62	50.22	36.23
11ac(VHT80)	CH58	88.71	75.51

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	29.61	16.68
11a	CH116	30.81	16.63
11a	CH140	24.89	16.65
11n(HT20)	CH100	29.89	17.74
11n(HT20)	CH116	29.40	17.74
11n(HT20)	CH140	30.31	17.76
11n(HT40)	CH102	49.30	36.29
11n(HT40)	CH118	49.05	36.24
11n(HT40)	CH134	49.85	36.25
11ac(VHT20)	CH100	29.69	17.67
11ac(VHT20)	CH116	28.80	17.64
11ac(VHT20)	CH140	29.53	17.67
11ac(VHT40)	CH102	54.03	36.21
11ac(VHT40)	CH118	54.18	36.19
11ac(VHT40)	CH134	49.99	36.23
11ac(VHT80)	CH106	85.41	75.58
11ac(VHT80)	CH122	86.57	75.63

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	30.17	16.70
11a	CH157	31.46	16.73
11a	CH165	31.30	16.75
11n(HT20)	CH149	29.19	17.73
11n(HT20)	CH157	31.19	17.76
11n(HT20)	CH165	31.19	17.76
11n(HT40)	CH151	53.32	36.27
11n(HT40)	CH159	52.91	36.31
11ac(VHT20)	CH149	31.22	17.69
11ac(VHT20)	CH157	31.85	17.73
11ac(VHT20)	CH165	32.54	17.73
11ac(VHT40)	CH151	54.14	36.24
11ac(VHT40)	CH159	61.00	36.25
11ac(VHT80)	CH155	89.98	75.62

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2570845-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	17.50	500.00	Pass
11n(HT20)	CH157	17.30	500.00	Pass
11n(HT20)	CH165	17.60	500.00	Pass
11n(HT40)	CH151	35.90	500.00	Pass
11n(HT40)	CH159	36.10	500.00	Pass
11ac(VHT20)	CH149	17.60	500.00	Pass
11ac(VHT20)	CH157	17.20	500.00	Pass
11ac(VHT20)	CH165	17.60	500.00	Pass
11ac(VHT40)	CH151	35.90	500.00	Pass
11ac(VHT40)	CH159	36.00	500.00	Pass
11ac(VHT80)	CH155	75.70	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2570845-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.00	11.00	Pass
11a	CH44	1.01	11.00	Pass
11a	CH48	0.97	11.00	Pass
11n(HT20)	CH36	-0.38	11.00	Pass
11n(HT20)	CH44	-0.33	11.00	Pass
11n(HT20)	CH48	-0.33	11.00	Pass
11n(HT40)	CH38	-3.65	11.00	Pass
11n(HT40)	CH46	-4.62	11.00	Pass
11ac(VHT20)	CH36	-0.66	11.00	Pass
11ac(VHT20)	CH44	-0.51	11.00	Pass
11ac(VHT20)	CH48	-0.46	11.00	Pass
11ac(VHT40)	CH38	-3.74	11.00	Pass
11ac(VHT40)	CH46	-3.66	11.00	Pass
11ac(VHT80)	CH42	-6.69	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	1.77	11.00	Pass
11a	CH60	1.82	11.00	Pass
11a	CH64	1.99	11.00	Pass
11n(HT20)	CH52	0.51	11.00	Pass
11n(HT20)	CH60	0.76	11.00	Pass
11n(HT20)	CH64	0.84	11.00	Pass
11n(HT40)	CH54	-2.65	11.00	Pass
11n(HT40)	CH62	-3.11	11.00	Pass
11ac(VHT20)	CH52	0.61	11.00	Pass
11ac(VHT20)	CH60	0.62	11.00	Pass
11ac(VHT20)	CH64	0.83	11.00	Pass
11ac(VHT40)	CH54	-2.80	11.00	Pass
11ac(VHT40)	CH62	-2.29	11.00	Pass
11ac(VHT80)	CH58	-8.24	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	3.76	11.00	Pass
11a	CH116	4.05	11.00	Pass
11a	CH140	4.40	11.00	Pass
11n(HT20)	CH100	2.40	11.00	Pass
11n(HT20)	CH116	3.30	11.00	Pass
11n(HT20)	CH140	2.41	11.00	Pass
11n(HT40)	CH102	-4.28	11.00	Pass
11n(HT40)	CH118	-0.42	11.00	Pass
11n(HT40)	CH134	-0.28	11.00	Pass
11ac(VHT20)	CH100	3.42	11.00	Pass
11ac(VHT20)	CH116	3.02	11.00	Pass
11ac(VHT20)	CH140	2.44	11.00	Pass
11ac(VHT40)	CH102	-4.31	11.00	Pass
11ac(VHT40)	CH118	-0.22	11.00	Pass
11ac(VHT40)	CH134	-0.29	11.00	Pass
11ac(VHT80)	CH106	-3.93	11.00	Pass
11ac(VHT80)	CH122	-4.61	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	1.79	30.00	Pass
11a	CH157	1.97	30.00	Pass
11a	CH165	1.87	30.00	Pass
11n(HT20)	CH149	0.74	30.00	Pass
11n(HT20)	CH157	0.75	30.00	Pass
11n(HT20)	CH165	0.84	30.00	Pass
11n(HT40)	CH151	-2.00	30.00	Pass
11n(HT40)	CH159	-2.02	30.00	Pass
11ac(VHT20)	CH149	0.77	30.00	Pass
11ac(VHT20)	CH157	0.87	30.00	Pass
11ac(VHT20)	CH165	0.69	30.00	Pass
11ac(VHT40)	CH151	-2.92	30.00	Pass
11ac(VHT40)	CH159	-2.52	30.00	Pass
11ac(VHT80)	CH155	-6.70	30.00	Pass

A.5 Conducted Emissions

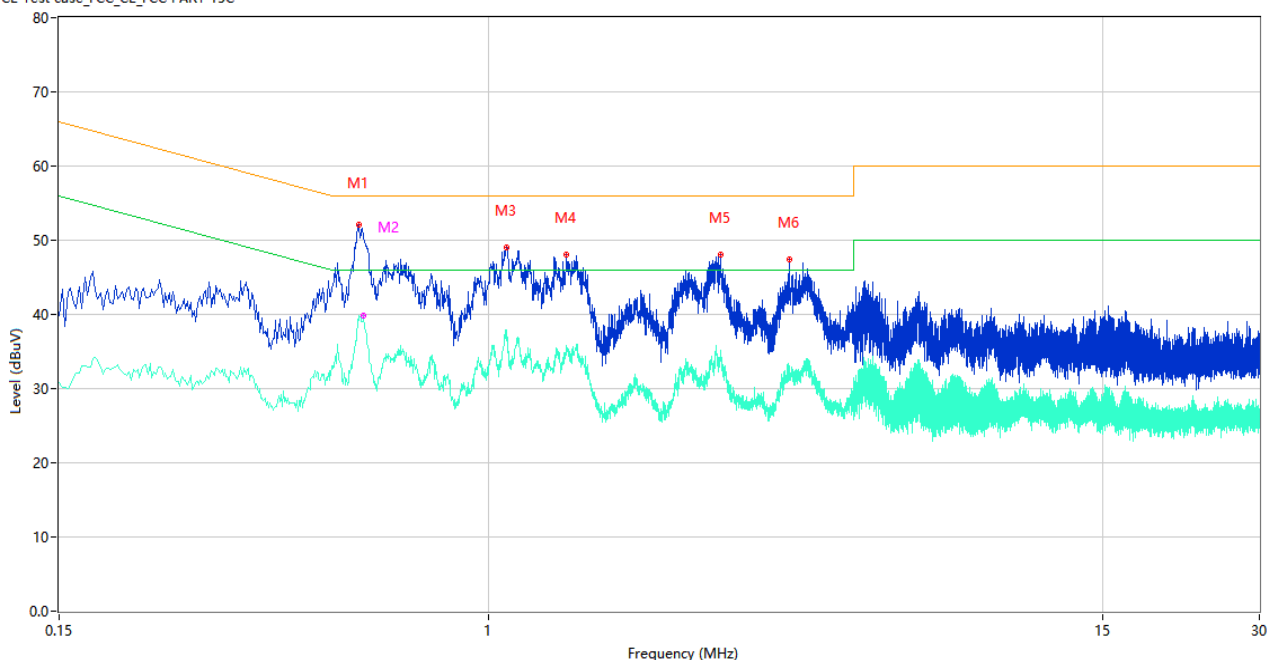
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

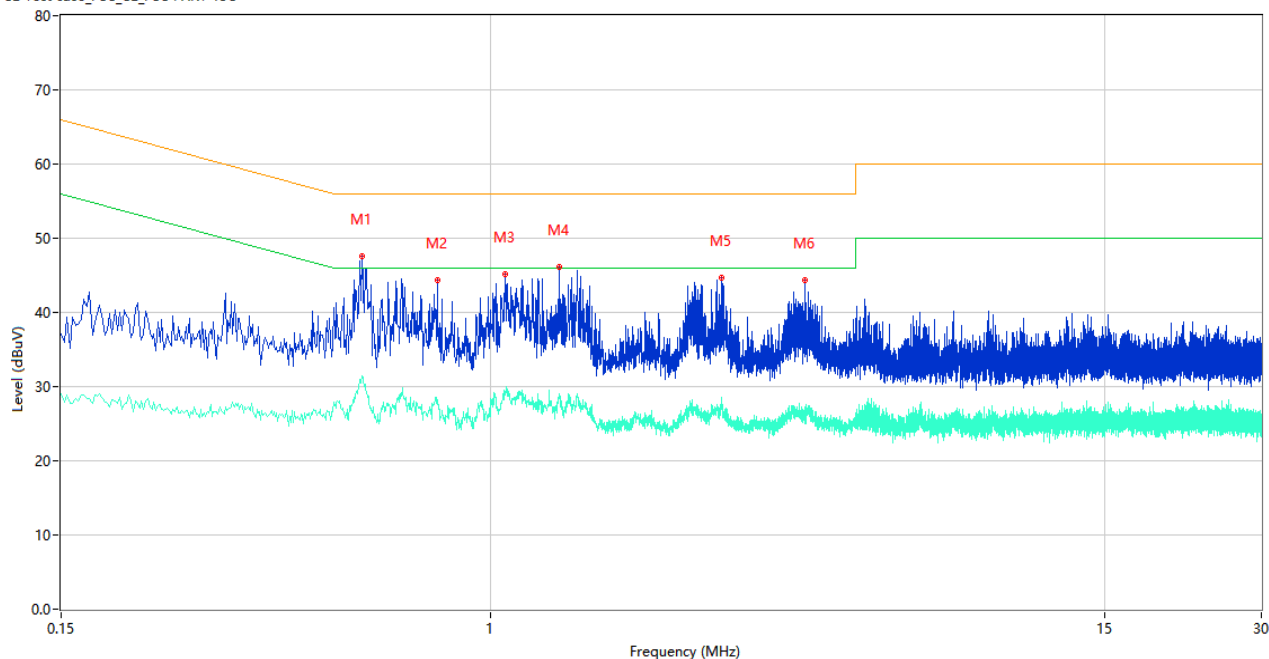
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.562	52.08	10.12	56.00	3.92	Peak	L	Pass
1**	0.562	39.20	10.12	46.00	6.80	AV	L	Pass
2	0.576	50.47	10.16	56.00	5.53	Peak	L	Pass
2**	0.576	39.82	10.16	46.00	6.18	AV	L	Pass
3	1.082	48.99	10.11	56.00	7.01	Peak	L	Pass
3**	1.082	36.50	10.11	46.00	9.50	AV	L	Pass
4	1.406	48.12	9.84	56.00	7.88	Peak	L	Pass
4**	1.406	34.48	9.84	46.00	11.52	AV	L	Pass
5	2.780	48.10	10.37	56.00	7.90	Peak	L	Pass
5**	2.780	34.71	10.37	46.00	11.29	AV	L	Pass
6	3.760	47.41	10.47	56.00	8.59	Peak	L	Pass
6**	3.760	33.05	10.47	46.00	12.95	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	0.566	47.54	10.13	56.00	8.46	Peak	N	Pass
1**	0.566	31.50	10.13	46.00	14.50	AV	N	Pass
2	0.790	44.28	10.52	56.00	11.72	Peak	N	Pass
2**	0.790	27.64	10.52	46.00	18.36	AV	N	Pass
3	1.066	45.14	10.17	56.00	10.86	Peak	N	Pass
3**	1.066	29.40	10.17	46.00	16.60	AV	N	Pass
4	1.354	46.12	10.04	56.00	9.88	Peak	N	Pass
4**	1.354	29.06	10.04	46.00	16.94	AV	N	Pass
5	2.774	44.64	10.34	56.00	11.36	Peak	N	Pass
5**	2.774	27.77	10.34	46.00	18.23	AV	N	Pass
6	4.004	44.30	10.06	56.00	11.70	Peak	N	Pass
6**	4.004	26.67	10.06	46.00	19.33	AV	N	Pass

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

Note ¹: The symbol of “--” in the table which means not application.

Note ²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

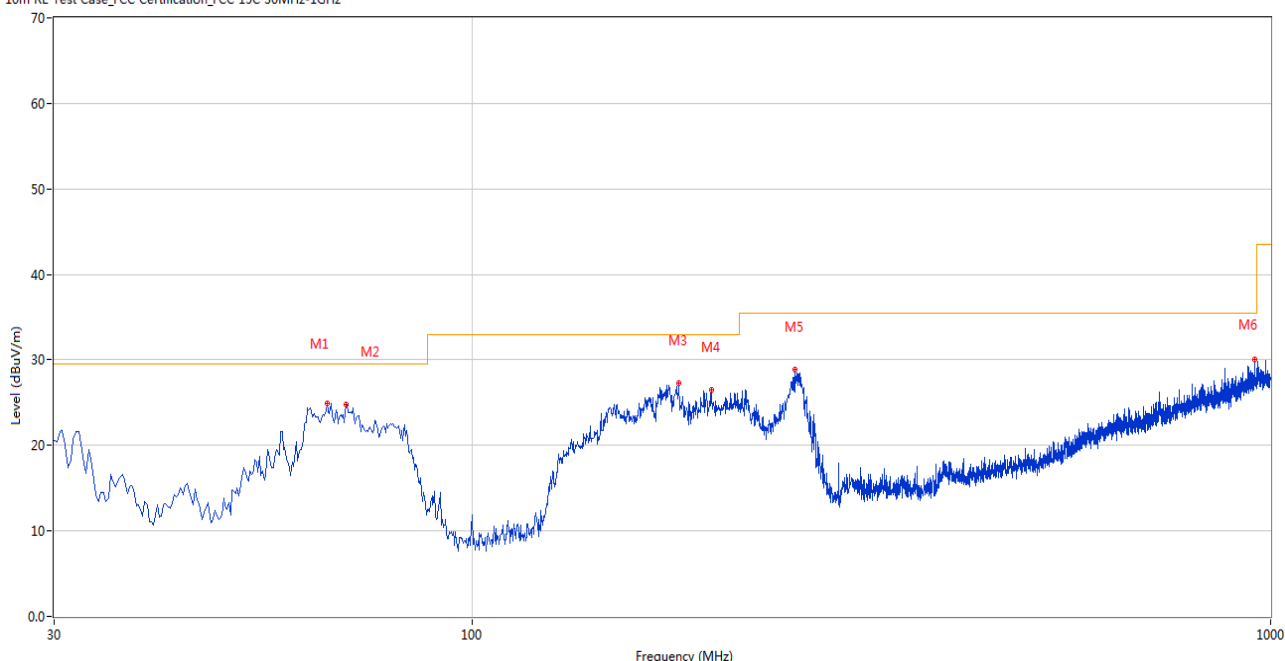
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: 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

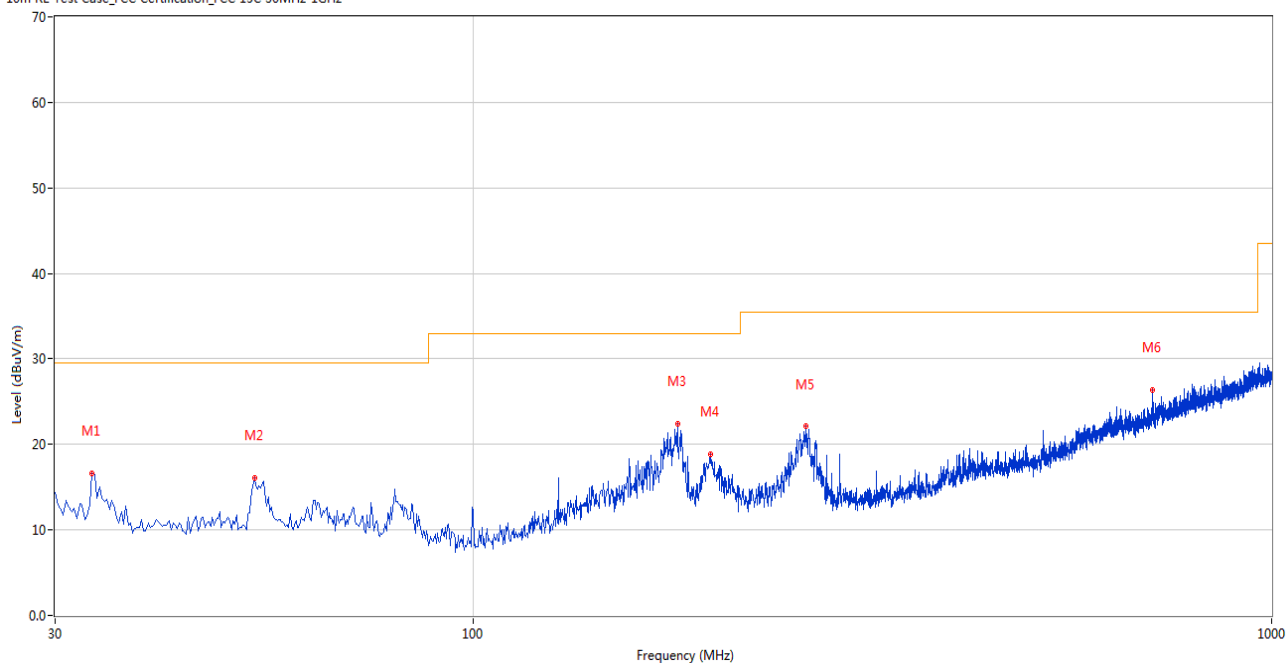
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	65.881	24.97	-28.55	29.5	4.53	Peak	47.00	100	Vertical	Pass
2	69.518	24.79	-28.98	29.5	4.71	Peak	74.00	200	Vertical	Pass
3	181.767	27.26	-27.71	33.0	5.74	Peak	215.00	100	Vertical	Pass
4	199.465	26.49	-29.18	33.0	6.51	Peak	177.00	100	Vertical	Pass
5	254.014	28.89	-27.31	35.5	6.61	Peak	226.00	100	Vertical	Pass
6	954.664	30.06	-9.65	35.5	5.44	Peak	182.00	100	Vertical	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	33.394	16.58	-26.96	29.5	12.92	Peak	360.00	200	Horizontal	Pass
2	53.274	16.10	-27.03	29.5	13.40	Peak	360.00	200	Horizontal	Pass
3	180.555	22.41	-27.60	33.0	10.59	Peak	297.00	200	Horizontal	Pass
4	198.253	18.85	-29.10	33.0	14.15	Peak	85.00	200	Horizontal	Pass
5	261.530	22.09	-26.90	35.5	13.41	Peak	280.00	200	Horizontal	Pass
6	709.800	26.35	-14.50	35.5	9.15	Peak	112.00	200	Horizontal	Pass

Note 1: 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	1507.740	41.59	74.0	32.41	Peak	322.00	300	Horizontal	Pass
1**	1507.740	31.15	54.0	22.85	AV	322.00	300	Horizontal	Pass
2	2349.741	43.79	74.0	30.21	Peak	360.00	100	Horizontal	Pass
2**	2349.741	39.47	54.0	14.53	AV	360.00	100	Horizontal	Pass
3	4208.440	50.53	74.0	23.47	Peak	266.00	200	Horizontal	Pass
3**	4208.440	38.00	54.0	16.00	AV	266.00	200	Horizontal	Pass
4	7435.557	55.29	74.0	18.71	Peak	38.00	200	Horizontal	Pass
4**	7435.557	43.22	54.0	10.78	AV	38.00	200	Horizontal	Pass
5	12516.774	55.41	74.0	18.59	Peak	55.00	100	Horizontal	Pass
5**	12516.774	48.47	54.0	5.53	AV	55.00	100	Horizontal	Pass
6	16147.005	52.83	74.0	21.17	Peak	115.00	200	Horizontal	Pass
6**	16147.005	44.69	54.0	9.31	AV	115.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.384	36.81	74.0	37.19	Peak	226.00	300	Vertical	Pass
1**	1569.384	28.41	54.0	25.59	AV	226.00	300	Vertical	Pass
2	2349.347	44.15	74.0	29.85	Peak	257.00	400	Vertical	Pass
2**	2349.347	34.06	54.0	19.94	AV	257.00	400	Vertical	Pass
3	3914.543	47.67	74.0	26.33	Peak	174.00	200	Vertical	Pass
3**	3914.543	33.50	54.0	20.50	AV	174.00	200	Vertical	Pass
4	7684.350	53.24	74.0	20.76	Peak	255.00	300	Vertical	Pass
4**	7684.350	45.60	54.0	8.40	AV	255.00	300	Vertical	Pass
5	12528.355	53.11	74.0	20.89	Peak	12.00	200	Vertical	Pass
5**	12528.355	41.04	54.0	12.96	AV	12.00	200	Vertical	Pass
6	15384.922	54.95	74.0	19.05	Peak	143.00	400	Vertical	Pass
6**	15384.922	44.57	54.0	9.43	AV	143.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.431	40.94	74.0	33.06	Peak	259.00	300	Horizontal	Pass
1**	1510.431	27.24	54.0	26.76	AV	259.00	300	Horizontal	Pass
2	2352.161	45.39	74.0	28.61	Peak	42.00	200	Horizontal	Pass
2**	2352.161	38.88	54.0	15.12	AV	42.00	200	Horizontal	Pass
3	4202.113	48.50	74.0	25.50	Peak	107.00	200	Horizontal	Pass
3**	4202.113	40.18	54.0	13.82	AV	107.00	200	Horizontal	Pass
4	7432.948	53.28	74.0	20.72	Peak	30.00	300	Horizontal	Pass
4**	7432.948	40.45	54.0	13.55	AV	30.00	300	Horizontal	Pass
5	12521.017	58.27	74.0	15.73	Peak	63.00	100	Horizontal	Pass
5**	12521.017	49.73	54.0	4.27	AV	63.00	100	Horizontal	Pass
6	16148.884	55.11	74.0	18.89	Peak	162.00	300	Horizontal	Pass
6**	16148.884	46.69	54.0	7.31	AV	162.00	300	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	1570.544	34.73	74.0	39.27	Peak	42.00	300	Vertical	Pass
1**	1570.544	24.14	54.0	29.86	AV	42.00	300	Vertical	Pass
2	2343.992	45.95	74.0	28.05	Peak	253.00	400	Vertical	Pass
2**	2343.992	36.15	54.0	17.85	AV	253.00	400	Vertical	Pass
3	3918.909	44.02	74.0	29.98	Peak	297.00	200	Vertical	Pass
3**	3918.909	35.43	54.0	18.57	AV	297.00	200	Vertical	Pass
4	7677.983	52.61	74.0	21.39	Peak	86.00	300	Vertical	Pass
4**	7677.983	42.66	54.0	11.34	AV	86.00	300	Vertical	Pass
5	12529.178	53.92	74.0	20.08	Peak	102.00	300	Vertical	Pass
5**	12529.178	42.87	54.0	11.13	AV	102.00	300	Vertical	Pass
6	15384.295	54.81	74.0	19.19	Peak	28.00	100	Vertical	Pass
6**	15384.295	41.68	54.0	12.32	AV	28.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.076	38.63	74.0	35.37	Peak	194.00	200	Horizontal	Pass
1**	1512.076	28.97	54.0	25.03	AV	194.00	200	Horizontal	Pass
2	2350.592	47.08	74.0	26.92	Peak	200.00	200	Horizontal	Pass
2**	2350.592	35.43	54.0	18.57	AV	200.00	200	Horizontal	Pass
3	4208.075	49.06	74.0	24.94	Peak	304.00	200	Horizontal	Pass
3**	4208.075	38.08	54.0	15.92	AV	304.00	200	Horizontal	Pass
4	7435.202	56.47	74.0	17.53	Peak	48.00	300	Horizontal	Pass
4**	7435.202	42.34	54.0	11.66	AV	48.00	300	Horizontal	Pass
5	12517.267	54.43	74.0	19.57	Peak	296.00	400	Horizontal	Pass
5**	12517.267	44.27	54.0	9.73	AV	296.00	400	Horizontal	Pass
6	16148.423	57.19	74.0	16.81	Peak	249.00	400	Horizontal	Pass
6**	16148.423	45.29	54.0	8.71	AV	249.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.322	38.37	74.0	35.63	Peak	203.00	300	Vertical	Pass
1**	1567.322	26.07	54.0	27.93	AV	203.00	300	Vertical	Pass
2	2348.998	42.95	74.0	31.05	Peak	168.00	300	Vertical	Pass
2**	2348.998	35.82	54.0	18.18	AV	168.00	300	Vertical	Pass
3	3915.140	44.20	74.0	29.80	Peak	12.00	200	Vertical	Pass
3**	3915.140	38.18	54.0	15.82	AV	12.00	200	Vertical	Pass
4	7678.293	52.61	74.0	21.39	Peak	68.00	200	Vertical	Pass
4**	7678.293	44.66	54.0	9.34	AV	68.00	200	Vertical	Pass
5	12532.659	53.58	74.0	20.42	Peak	59.00	200	Vertical	Pass
5**	12532.659	42.06	54.0	11.94	AV	59.00	200	Vertical	Pass
6	15385.297	51.52	74.0	22.48	Peak	235.00	300	Vertical	Pass
6**	15385.297	43.81	54.0	10.19	AV	235.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.393	40.35	74.0	33.65	Peak	2.00	400	Horizontal	Pass
1**	1508.393	27.70	54.0	26.30	AV	2.00	400	Horizontal	Pass
2	2348.810	42.96	74.0	31.04	Peak	331.00	100	Horizontal	Pass
2**	2348.810	36.47	54.0	17.53	AV	331.00	100	Horizontal	Pass
3	4202.917	50.42	74.0	23.58	Peak	287.00	200	Horizontal	Pass
3**	4202.917	39.84	54.0	14.16	AV	287.00	200	Horizontal	Pass
4	7430.880	52.81	74.0	21.19	Peak	28.00	200	Horizontal	Pass
4**	7430.880	44.53	54.0	9.47	AV	28.00	200	Horizontal	Pass
5	12518.631	54.93	74.0	19.07	Peak	331.00	400	Horizontal	Pass
5**	12518.631	48.32	54.0	5.68	AV	331.00	400	Horizontal	Pass
6	16144.795	55.59	74.0	18.41	Peak	212.00	100	Horizontal	Pass
6**	16144.795	45.07	54.0	8.93	AV	212.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.156	37.80	74.0	36.20	Peak	43.00	300	Vertical	Pass
1**	1568.156	27.56	54.0	26.44	AV	43.00	300	Vertical	Pass
2	2349.476	44.44	74.0	29.56	Peak	324.00	100	Vertical	Pass
2**	2349.476	34.90	54.0	19.10	AV	324.00	100	Vertical	Pass
3	3913.614	43.01	74.0	30.99	Peak	147.00	200	Vertical	Pass
3**	3913.614	35.58	54.0	18.42	AV	147.00	200	Vertical	Pass
4	7681.980	49.22	74.0	24.78	Peak	3.00	300	Vertical	Pass
4**	7681.980	46.05	54.0	7.95	AV	3.00	300	Vertical	Pass
5	12527.446	53.02	74.0	20.98	Peak	71.00	100	Vertical	Pass
5**	12527.446	40.68	54.0	13.32	AV	71.00	100	Vertical	Pass
6	15383.539	55.23	74.0	18.77	Peak	348.00	100	Vertical	Pass
6**	15383.539	44.94	54.0	9.06	AV	348.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.721	39.67	74.0	34.33	Peak	160.00	300	Horizontal	Pass
1**	1512.721	28.67	54.0	25.33	AV	160.00	300	Horizontal	Pass
2	2344.519	41.92	74.0	32.08	Peak	204.00	100	Horizontal	Pass
2**	2344.519	37.76	54.0	16.24	AV	204.00	100	Horizontal	Pass
3	4207.824	46.95	74.0	27.05	Peak	248.00	200	Horizontal	Pass
3**	4207.824	40.18	54.0	13.82	AV	248.00	200	Horizontal	Pass
4	7434.620	55.50	74.0	18.50	Peak	262.00	300	Horizontal	Pass
4**	7434.620	44.56	54.0	9.44	AV	262.00	300	Horizontal	Pass
5	12516.542	54.52	74.0	19.48	Peak	289.00	100	Horizontal	Pass
5**	12516.542	49.01	54.0	4.99	AV	289.00	100	Horizontal	Pass
6	16148.550	52.22	74.0	21.78	Peak	158.00	300	Horizontal	Pass
6**	16148.550	43.33	54.0	10.67	AV	158.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.997	34.19	74.0	39.81	Peak	0.00	300	Vertical	Pass
1**	1567.997	28.44	54.0	25.56	AV	0.00	300	Vertical	Pass
2	2350.769	43.57	74.0	30.43	Peak	24.00	200	Vertical	Pass
2**	2350.769	34.26	54.0	19.74	AV	24.00	200	Vertical	Pass
3	3917.947	42.64	74.0	31.36	Peak	70.00	200	Vertical	Pass
3**	3917.947	35.73	54.0	18.27	AV	70.00	200	Vertical	Pass
4	7684.262	49.53	74.0	24.47	Peak	149.00	200	Vertical	Pass
4**	7684.262	42.07	54.0	11.93	AV	149.00	200	Vertical	Pass
5	12531.945	56.07	74.0	17.93	Peak	93.00	100	Vertical	Pass
5**	12531.945	42.13	54.0	11.87	AV	93.00	100	Vertical	Pass
6	15383.277	52.50	74.0	21.50	Peak	235.00	300	Vertical	Pass
6**	15383.277	42.88	54.0	11.12	AV	235.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.856	42.31	74.0	31.69	Peak	353.00	300	Horizontal	Pass
1**	1512.856	31.57	54.0	22.43	AV	353.00	300	Horizontal	Pass
2	2349.552	47.83	74.0	26.17	Peak	30.00	300	Horizontal	Pass
2**	2349.552	34.73	54.0	19.27	AV	30.00	300	Horizontal	Pass
3	4207.875	50.47	74.0	23.53	Peak	282.00	200	Horizontal	Pass
3**	4207.875	36.45	54.0	17.55	AV	282.00	200	Horizontal	Pass
4	7432.586	56.54	74.0	17.46	Peak	92.00	100	Horizontal	Pass
4**	7432.586	40.72	54.0	13.28	AV	92.00	100	Horizontal	Pass
5	12514.699	57.79	74.0	16.21	Peak	322.00	400	Horizontal	Pass
5**	12514.699	45.91	54.0	8.09	AV	322.00	400	Horizontal	Pass
6	16145.119	52.81	74.0	21.19	Peak	124.00	400	Horizontal	Pass
6**	16145.119	44.76	54.0	9.24	AV	124.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.507	34.22	74.0	39.78	Peak	247.00	400	Vertical	Pass
1**	1571.507	26.63	54.0	27.37	AV	247.00	400	Vertical	Pass
2	2349.924	46.93	74.0	27.07	Peak	121.00	200	Vertical	Pass
2**	2349.924	35.50	54.0	18.50	AV	121.00	200	Vertical	Pass
3	3915.367	45.29	74.0	28.71	Peak	232.00	200	Vertical	Pass
3**	3915.367	37.09	54.0	16.91	AV	232.00	200	Vertical	Pass
4	7678.656	51.36	74.0	22.64	Peak	25.00	200	Vertical	Pass
4**	7678.656	42.88	54.0	11.12	AV	25.00	200	Vertical	Pass
5	12531.670	57.50	74.0	16.50	Peak	260.00	100	Vertical	Pass
5**	12531.670	44.51	54.0	9.49	AV	260.00	100	Vertical	Pass
6	15383.206	50.29	74.0	23.71	Peak	144.00	300	Vertical	Pass
6**	15383.206	45.75	54.0	8.25	AV	144.00	300	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	1510.623	41.83	74.0	32.17	Peak	245.00	400	Horizontal	Pass
1**	1510.623	31.30	54.0	22.70	AV	245.00	400	Horizontal	Pass
2	2349.933	45.37	74.0	28.63	Peak	71.00	200	Horizontal	Pass
2**	2349.933	36.04	54.0	17.96	AV	71.00	200	Horizontal	Pass
3	4205.620	44.90	74.0	29.10	Peak	160.00	200	Horizontal	Pass
3**	4205.620	36.07	54.0	17.93	AV	160.00	200	Horizontal	Pass
4	7436.333	53.43	74.0	20.57	Peak	228.00	100	Horizontal	Pass
4**	7436.333	45.30	54.0	8.70	AV	228.00	100	Horizontal	Pass
5	12520.467	53.18	74.0	20.82	Peak	249.00	200	Horizontal	Pass
5**	12520.467	48.28	54.0	5.72	AV	249.00	200	Horizontal	Pass
6	16149.815	56.13	74.0	17.87	Peak	238.00	300	Horizontal	Pass
6**	16149.815	44.52	54.0	9.48	AV	238.00	300	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	1573.590	36.84	74.0	37.16	Peak	41.00	200	Vertical	Pass
1**	1573.590	24.90	54.0	29.10	AV	41.00	200	Vertical	Pass
2	2350.611	43.45	74.0	30.55	Peak	206.00	400	Vertical	Pass
2**	2350.611	32.08	54.0	21.92	AV	206.00	400	Vertical	Pass
3	3915.804	44.51	74.0	29.49	Peak	78.00	200	Vertical	Pass
3**	3915.804	34.61	54.0	19.39	AV	78.00	200	Vertical	Pass
4	7682.908	51.15	74.0	22.85	Peak	56.00	200	Vertical	Pass
4**	7682.908	44.50	54.0	9.50	AV	56.00	200	Vertical	Pass
5	12529.200	56.89	74.0	17.11	Peak	320.00	300	Vertical	Pass
5**	12529.200	42.76	54.0	11.24	AV	320.00	300	Vertical	Pass
6	15378.471	50.30	74.0	23.70	Peak	253.00	400	Vertical	Pass
6**	15378.471	44.58	54.0	9.42	AV	253.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.092	37.79	74.0	36.21	Peak	269.00	400	Horizontal	Pass
1**	1510.092	29.31	54.0	24.69	AV	269.00	400	Horizontal	Pass
2	2351.215	42.78	74.0	31.22	Peak	326.00	300	Horizontal	Pass
2**	2351.215	36.42	54.0	17.58	AV	326.00	300	Horizontal	Pass
3	4205.348	44.89	74.0	29.11	Peak	256.00	200	Horizontal	Pass
3**	4205.348	39.28	54.0	14.72	AV	256.00	200	Horizontal	Pass
4	7434.108	52.82	74.0	21.18	Peak	202.00	200	Horizontal	Pass
4**	7434.108	43.46	54.0	10.54	AV	202.00	200	Horizontal	Pass
5	12521.726	56.49	74.0	17.51	Peak	229.00	400	Horizontal	Pass
5**	12521.726	45.41	54.0	8.59	AV	229.00	400	Horizontal	Pass
6	16145.085	52.29	74.0	21.71	Peak	17.00	300	Horizontal	Pass
6**	16145.085	41.01	54.0	12.99	AV	17.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.143	35.75	74.0	38.25	Peak	223.00	400	Vertical	Pass
1**	1574.143	26.58	54.0	27.42	AV	223.00	400	Vertical	Pass
2	2345.564	45.91	74.0	28.09	Peak	286.00	300	Vertical	Pass
2**	2345.564	35.10	54.0	18.90	AV	286.00	300	Vertical	Pass
3	3915.383	44.63	74.0	29.37	Peak	35.00	200	Vertical	Pass
3**	3915.383	35.55	54.0	18.45	AV	35.00	200	Vertical	Pass
4	7678.826	51.74	74.0	22.26	Peak	238.00	200	Vertical	Pass
4**	7678.826	41.45	54.0	12.55	AV	238.00	200	Vertical	Pass
5	12530.115	57.14	74.0	16.86	Peak	77.00	200	Vertical	Pass
5**	12530.115	43.40	54.0	10.60	AV	77.00	200	Vertical	Pass
6	15380.525	51.27	74.0	22.73	Peak	249.00	400	Vertical	Pass
6**	15380.525	44.25	54.0	9.75	AV	249.00	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	1513.291	40.71	74.0	33.29	Peak	157.00	100	Horizontal	Pass
1**	1513.291	29.18	54.0	24.82	AV	157.00	100	Horizontal	Pass
2	2348.867	44.76	74.0	29.24	Peak	219.00	400	Horizontal	Pass
2**	2348.867	36.69	54.0	17.31	AV	219.00	400	Horizontal	Pass
3	4204.802	45.96	74.0	28.04	Peak	28.00	200	Horizontal	Pass
3**	4204.802	38.71	54.0	15.29	AV	28.00	200	Horizontal	Pass
4	7434.815	56.74	74.0	17.26	Peak	74.00	300	Horizontal	Pass
4**	7434.815	44.54	54.0	9.46	AV	74.00	300	Horizontal	Pass
5	12521.781	54.74	74.0	19.26	Peak	267.00	100	Horizontal	Pass
5**	12521.781	46.97	54.0	7.03	AV	267.00	100	Horizontal	Pass
6	16148.228	55.64	74.0	18.36	Peak	105.00	100	Horizontal	Pass
6**	16148.228	43.58	54.0	10.42	AV	105.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.883	38.07	74.0	35.93	Peak	219.00	300	Vertical	Pass
1**	1566.883	25.68	54.0	28.32	AV	219.00	300	Vertical	Pass
2	2350.083	44.42	74.0	29.58	Peak	181.00	300	Vertical	Pass
2**	2350.083	31.18	54.0	22.82	AV	181.00	300	Vertical	Pass
3	3918.530	43.16	74.0	30.84	Peak	356.00	200	Vertical	Pass
3**	3918.530	34.75	54.0	19.25	AV	356.00	200	Vertical	Pass
4	7684.407	51.32	74.0	22.68	Peak	125.00	200	Vertical	Pass
4**	7684.407	44.50	54.0	9.50	AV	125.00	200	Vertical	Pass
5	12533.617	53.06	74.0	20.94	Peak	154.00	100	Vertical	Pass
5**	12533.617	42.21	54.0	11.79	AV	154.00	100	Vertical	Pass
6	15383.418	50.94	74.0	23.06	Peak	123.00	400	Vertical	Pass
6**	15383.418	45.47	54.0	8.53	AV	123.00	400	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	1512.817	40.54	74.0	33.46	Peak	350.00	300	Horizontal	Pass
1**	1512.817	29.54	54.0	24.46	AV	350.00	300	Horizontal	Pass
2	2347.489	42.92	74.0	31.08	Peak	167.00	100	Horizontal	Pass
2**	2347.489	40.18	54.0	13.82	AV	167.00	100	Horizontal	Pass
3	4202.815	46.88	74.0	27.12	Peak	226.00	200	Horizontal	Pass
3**	4202.815	36.23	54.0	17.77	AV	226.00	200	Horizontal	Pass
4	7436.568	53.69	74.0	20.31	Peak	12.00	300	Horizontal	Pass
4**	7436.568	43.60	54.0	10.40	AV	12.00	300	Horizontal	Pass
5	12518.248	54.44	74.0	19.56	Peak	310.00	300	Horizontal	Pass
5**	12518.248	49.81	54.0	4.19	AV	310.00	300	Horizontal	Pass
6	16143.892	53.97	74.0	20.03	Peak	34.00	300	Horizontal	Pass
6**	16143.892	43.44	54.0	10.56	AV	34.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.010	33.57	74.0	40.43	Peak	297.00	100	Vertical	Pass
1**	1570.010	25.20	54.0	28.80	AV	297.00	100	Vertical	Pass
2	2343.075	45.88	74.0	28.12	Peak	136.00	100	Vertical	Pass
2**	2343.075	34.79	54.0	19.21	AV	136.00	100	Vertical	Pass
3	3915.737	43.89	74.0	30.11	Peak	257.00	200	Vertical	Pass
3**	3915.737	36.43	54.0	17.57	AV	257.00	200	Vertical	Pass
4	7678.920	55.08	74.0	18.92	Peak	60.00	300	Vertical	Pass
4**	7678.920	42.34	54.0	11.66	AV	60.00	300	Vertical	Pass
5	12531.326	55.43	74.0	18.57	Peak	315.00	300	Vertical	Pass
5**	12531.326	45.29	54.0	8.71	AV	315.00	300	Vertical	Pass
6	15386.067	56.13	74.0	17.87	Peak	147.00	400	Vertical	Pass
6**	15386.067	44.69	54.0	9.31	AV	147.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.492	37.14	74.0	36.86	Peak	345.00	300	Horizontal	Pass
1**	1514.492	28.55	54.0	25.45	AV	345.00	300	Horizontal	Pass
2	2349.778	46.37	74.0	27.63	Peak	147.00	100	Horizontal	Pass
2**	2349.778	38.79	54.0	15.21	AV	147.00	100	Horizontal	Pass
3	4208.957	49.39	74.0	24.61	Peak	31.00	200	Horizontal	Pass
3**	4208.957	39.32	54.0	14.68	AV	31.00	200	Horizontal	Pass
4	7431.412	56.82	74.0	17.18	Peak	134.00	100	Horizontal	Pass
4**	7431.412	41.31	54.0	12.69	AV	134.00	100	Horizontal	Pass
5	12517.074	53.00	74.0	21.00	Peak	342.00	200	Horizontal	Pass
5**	12517.074	49.58	54.0	4.42	AV	342.00	200	Horizontal	Pass
6	16148.045	52.48	74.0	21.52	Peak	240.00	400	Horizontal	Pass
6**	16148.045	41.86	54.0	12.14	AV	240.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.907	39.54	74.0	34.46	Peak	112.00	300	Vertical	Pass
1**	1573.907	26.16	54.0	27.84	AV	112.00	300	Vertical	Pass
2	2344.890	44.99	74.0	29.01	Peak	330.00	400	Vertical	Pass
2**	2344.890	34.94	54.0	19.06	AV	330.00	400	Vertical	Pass
3	3919.619	46.61	74.0	27.39	Peak	271.00	200	Vertical	Pass
3**	3919.619	38.17	54.0	15.83	AV	271.00	200	Vertical	Pass
4	7679.171	50.53	74.0	23.47	Peak	230.00	200	Vertical	Pass
4**	7679.171	45.42	54.0	8.58	AV	230.00	200	Vertical	Pass
5	12526.367	53.35	74.0	20.65	Peak	81.00	100	Vertical	Pass
5**	12526.367	45.63	54.0	8.37	AV	81.00	100	Vertical	Pass
6	15381.962	52.71	74.0	21.29	Peak	208.00	100	Vertical	Pass
6**	15381.962	44.43	54.0	9.57	AV	208.00	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	1511.022	37.81	74.0	36.19	Peak	32.00	400	Horizontal	Pass
1**	1511.022	29.47	54.0	24.53	AV	32.00	400	Horizontal	Pass
2	2350.066	47.54	74.0	26.46	Peak	244.00	300	Horizontal	Pass
2**	2350.066	37.00	54.0	17.00	AV	244.00	300	Horizontal	Pass
3	4204.494	46.60	74.0	27.40	Peak	107.00	200	Horizontal	Pass
3**	4204.494	40.29	54.0	13.71	AV	107.00	200	Horizontal	Pass
4	7433.799	52.80	74.0	21.20	Peak	117.00	200	Horizontal	Pass
4**	7433.799	40.90	54.0	13.10	AV	117.00	200	Horizontal	Pass
5	12519.157	52.84	74.0	21.16	Peak	322.00	300	Horizontal	Pass
5**	12519.157	46.24	54.0	7.76	AV	322.00	300	Horizontal	Pass
6	16145.587	54.65	74.0	19.35	Peak	215.00	100	Horizontal	Pass
6**	16145.587	42.81	54.0	11.19	AV	215.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.855	35.81	74.0	38.19	Peak	107.00	400	Vertical	Pass
1**	1567.855	28.72	54.0	25.28	AV	107.00	400	Vertical	Pass
2	2347.653	45.41	74.0	28.59	Peak	220.00	200	Vertical	Pass
2**	2347.653	31.14	54.0	22.86	AV	220.00	200	Vertical	Pass
3	3916.839	42.42	74.0	31.58	Peak	77.00	200	Vertical	Pass
3**	3916.839	36.00	54.0	18.00	AV	77.00	200	Vertical	Pass
4	7684.196	54.75	74.0	19.25	Peak	355.00	300	Vertical	Pass
4**	7684.196	43.90	54.0	10.10	AV	355.00	300	Vertical	Pass
5	12532.441	55.33	74.0	18.67	Peak	48.00	200	Vertical	Pass
5**	12532.441	45.36	54.0	8.64	AV	48.00	200	Vertical	Pass
6	15385.715	55.49	74.0	18.51	Peak	144.00	400	Vertical	Pass
6**	15385.715	43.15	54.0	10.85	AV	144.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.282	41.08	74.0	32.92	Peak	27.00	100	Horizontal	Pass
1**	1509.282	26.60	54.0	27.40	AV	27.00	100	Horizontal	Pass
2	2349.247	45.09	74.0	28.91	Peak	175.00	100	Horizontal	Pass
2**	2349.247	39.13	54.0	14.87	AV	175.00	100	Horizontal	Pass
3	4208.827	45.70	74.0	28.30	Peak	219.00	200	Horizontal	Pass
3**	4208.827	35.70	54.0	18.30	AV	219.00	200	Horizontal	Pass
4	7436.250	51.64	74.0	22.36	Peak	17.00	200	Horizontal	Pass
4**	7436.250	43.48	54.0	10.52	AV	17.00	200	Horizontal	Pass
5	12515.549	53.71	74.0	20.29	Peak	329.00	300	Horizontal	Pass
5**	12515.549	44.83	54.0	9.17	AV	329.00	300	Horizontal	Pass
6	16149.983	55.89	74.0	18.11	Peak	271.00	100	Horizontal	Pass
6**	16149.983	46.33	54.0	7.67	AV	271.00	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	1567.648	35.43	74.0	38.57	Peak	299.00	100	Vertical	Pass
1**	1567.648	26.53	54.0	27.47	AV	299.00	100	Vertical	Pass
2	2345.372	47.08	74.0	26.92	Peak	335.00	100	Vertical	Pass
2**	2345.372	32.28	54.0	21.72	AV	335.00	100	Vertical	Pass
3	3917.626	42.34	74.0	31.66	Peak	92.00	200	Vertical	Pass
3**	3917.626	33.61	54.0	20.39	AV	92.00	200	Vertical	Pass
4	7678.982	51.55	74.0	22.45	Peak	354.00	400	Vertical	Pass
4**	7678.982	41.70	54.0	12.30	AV	354.00	400	Vertical	Pass
5	12531.331	58.10	74.0	15.90	Peak	166.00	100	Vertical	Pass
5**	12531.331	40.96	54.0	13.04	AV	166.00	100	Vertical	Pass
6	15386.119	51.72	74.0	22.28	Peak	350.00	200	Vertical	Pass
6**	15386.119	46.64	54.0	7.36	AV	350.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.778	42.55	74.0	31.45	Peak	210.00	300	Horizontal	Pass
1**	1510.778	29.98	54.0	24.02	AV	210.00	300	Horizontal	Pass
2	2351.822	47.29	74.0	26.71	Peak	241.00	400	Horizontal	Pass
2**	2351.822	39.83	54.0	14.17	AV	241.00	400	Horizontal	Pass
3	4202.873	50.29	74.0	23.71	Peak	333.00	200	Horizontal	Pass
3**	4202.873	38.79	54.0	15.21	AV	333.00	200	Horizontal	Pass
4	7435.972	56.10	74.0	17.90	Peak	181.00	400	Horizontal	Pass
4**	7435.972	42.70	54.0	11.30	AV	181.00	400	Horizontal	Pass
5	12516.990	55.81	74.0	18.19	Peak	172.00	100	Horizontal	Pass
5**	12516.990	49.49	54.0	4.51	AV	172.00	100	Horizontal	Pass
6	16150.805	53.77	74.0	20.23	Peak	67.00	100	Horizontal	Pass
6**	16150.805	40.85	54.0	13.15	AV	67.00	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	1573.461	37.62	74.0	36.38	Peak	2.00	100	Vertical	Pass
1**	1573.461	24.73	54.0	29.27	AV	2.00	100	Vertical	Pass
2	2350.719	45.54	74.0	28.46	Peak	297.00	200	Vertical	Pass
2**	2350.719	35.54	54.0	18.46	AV	297.00	200	Vertical	Pass
3	3918.589	44.34	74.0	29.66	Peak	310.00	200	Vertical	Pass
3**	3918.589	33.74	54.0	20.26	AV	310.00	200	Vertical	Pass
4	7684.069	50.51	74.0	23.49	Peak	189.00	200	Vertical	Pass
4**	7684.069	41.33	54.0	12.67	AV	189.00	200	Vertical	Pass
5	12530.209	56.84	74.0	17.16	Peak	309.00	400	Vertical	Pass
5**	12530.209	41.76	54.0	12.24	AV	309.00	400	Vertical	Pass
6	15381.605	51.54	74.0	22.46	Peak	62.00	200	Vertical	Pass
6**	15381.605	45.79	54.0	8.21	AV	62.00	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	1528.274	37.81	74.0	36.19	Peak	290.00	200	Horizontal	Pass
1**	1528.274	30.17	54.0	23.83	AV	290.00	200	Horizontal	Pass
2	2278.643	45.40	74.0	28.60	Peak	204.00	400	Horizontal	Pass
2**	2278.643	36.50	54.0	17.50	AV	204.00	400	Horizontal	Pass
3	4044.322	46.62	74.0	27.38	Peak	137.00	200	Horizontal	Pass
3**	4044.322	38.25	54.0	15.75	AV	137.00	200	Horizontal	Pass
4	7622.445	54.32	74.0	19.68	Peak	178.00	400	Horizontal	Pass
4**	7622.445	44.23	54.0	9.77	AV	178.00	400	Horizontal	Pass
5	12454.760	52.25	74.0	21.75	Peak	177.00	300	Horizontal	Pass
5**	12454.760	41.95	54.0	12.05	AV	177.00	300	Horizontal	Pass
6	15901.544	55.44	74.0	18.56	Peak	283.00	300	Horizontal	Pass
6**	15901.544	45.45	54.0	8.55	AV	283.00	300	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	1533.885	37.52	74.0	36.48	Peak	271.00	200	Vertical	Pass
1**	1533.885	28.21	54.0	25.79	AV	271.00	200	Vertical	Pass
2	2336.687	42.45	74.0	31.55	Peak	178.00	400	Vertical	Pass
2**	2336.687	36.50	54.0	17.50	AV	178.00	400	Vertical	Pass
3	4899.825	48.05	74.0	25.95	Peak	220.00	200	Vertical	Pass
3**	4899.825	40.16	54.0	13.84	AV	220.00	200	Vertical	Pass
4	7329.875	55.10	74.0	18.90	Peak	319.00	300	Vertical	Pass
4**	7329.875	44.39	54.0	9.61	AV	319.00	300	Vertical	Pass
5	12488.200	52.78	74.0	21.22	Peak	137.00	300	Vertical	Pass
5**	12488.200	42.21	54.0	11.79	AV	137.00	300	Vertical	Pass
6	15694.443	54.78	74.0	19.22	Peak	76.00	400	Vertical	Pass
6**	15694.443	42.88	54.0	11.12	AV	76.00	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	1522.987	36.45	74.0	37.55	Peak	79.00	100	Horizontal	Pass
1**	1522.987	28.86	54.0	25.14	AV	79.00	100	Horizontal	Pass
2	2274.136	42.03	74.0	31.97	Peak	174.00	200	Horizontal	Pass
2**	2274.136	32.76	54.0	21.24	AV	174.00	200	Horizontal	Pass
3	4048.466	45.73	74.0	28.27	Peak	38.00	200	Horizontal	Pass
3**	4048.466	34.76	54.0	19.24	AV	38.00	200	Horizontal	Pass
4	7623.361	51.73	74.0	22.27	Peak	147.00	400	Horizontal	Pass
4**	7623.361	45.95	54.0	8.05	AV	147.00	400	Horizontal	Pass
5	12451.871	53.22	74.0	20.78	Peak	216.00	200	Horizontal	Pass
5**	12451.871	47.13	54.0	6.87	AV	216.00	200	Horizontal	Pass
6	15906.364	51.86	74.0	22.14	Peak	302.00	400	Horizontal	Pass
6**	15906.364	44.44	54.0	9.56	AV	302.00	400	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	1531.835	38.62	74.0	35.38	Peak	230.00	400	Vertical	Pass
1**	1531.835	30.24	54.0	23.76	AV	230.00	400	Vertical	Pass
2	2337.215	42.62	74.0	31.38	Peak	77.00	400	Vertical	Pass
2**	2337.215	33.39	54.0	20.61	AV	77.00	400	Vertical	Pass
3	4896.691	51.08	74.0	22.92	Peak	34.00	200	Vertical	Pass
3**	4896.691	36.90	54.0	17.10	AV	34.00	200	Vertical	Pass
4	7323.975	53.14	74.0	20.86	Peak	301.00	100	Vertical	Pass
4**	7323.975	42.37	54.0	11.63	AV	301.00	100	Vertical	Pass
5	12485.713	51.72	74.0	22.28	Peak	166.00	100	Vertical	Pass
5**	12485.713	44.89	54.0	9.11	AV	166.00	100	Vertical	Pass
6	15692.873	56.11	74.0	17.89	Peak	210.00	100	Vertical	Pass
6**	15692.873	43.56	54.0	10.44	AV	210.00	100	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	1523.336	37.06	74.0	36.94	Peak	84.00	400	Horizontal	Pass
1**	1523.336	27.39	54.0	26.61	AV	84.00	400	Horizontal	Pass
2	2273.856	45.43	74.0	28.57	Peak	259.00	400	Horizontal	Pass
2**	2273.856	35.49	54.0	18.51	AV	259.00	400	Horizontal	Pass
3	4047.229	48.86	74.0	25.14	Peak	5.00	200	Horizontal	Pass
3**	4047.229	35.71	54.0	18.29	AV	5.00	200	Horizontal	Pass
4	7621.708	50.82	74.0	23.18	Peak	223.00	400	Horizontal	Pass
4**	7621.708	41.65	54.0	12.35	AV	223.00	400	Horizontal	Pass
5	12456.478	52.80	74.0	21.20	Peak	158.00	200	Horizontal	Pass
5**	12456.478	44.84	54.0	9.16	AV	158.00	200	Horizontal	Pass
6	15901.937	54.73	74.0	19.27	Peak	114.00	300	Horizontal	Pass
6**	15901.937	43.23	54.0	10.77	AV	114.00	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	1528.608	36.24	74.0	37.76	Peak	92.00	100	Vertical	Pass
1**	1528.608	26.78	54.0	27.22	AV	92.00	100	Vertical	Pass
2	2337.285	47.05	74.0	26.95	Peak	176.00	400	Vertical	Pass
2**	2337.285	35.26	54.0	18.74	AV	176.00	400	Vertical	Pass
3	4899.670	52.79	74.0	21.21	Peak	306.00	200	Vertical	Pass
3**	4899.670	41.15	54.0	12.85	AV	306.00	200	Vertical	Pass
4	7330.352	56.20	74.0	17.80	Peak	120.00	200	Vertical	Pass
4**	7330.352	42.71	54.0	11.29	AV	120.00	200	Vertical	Pass
5	12483.279	55.54	74.0	18.46	Peak	27.00	400	Vertical	Pass
5**	12483.279	42.27	54.0	11.73	AV	27.00	400	Vertical	Pass
6	15689.348	55.29	74.0	18.71	Peak	263.00	400	Vertical	Pass
6**	15689.348	46.61	54.0	7.39	AV	263.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.891	41.11	74.0	32.89	Peak	94.00	300	Horizontal	Pass
1**	1524.891	29.95	54.0	24.05	AV	94.00	300	Horizontal	Pass
2	2273.363	46.34	74.0	27.66	Peak	245.00	200	Horizontal	Pass
2**	2273.363	34.36	54.0	19.64	AV	245.00	200	Horizontal	Pass
3	4045.277	47.00	74.0	27.00	Peak	126.00	200	Horizontal	Pass
3**	4045.277	36.99	54.0	17.01	AV	126.00	200	Horizontal	Pass
4	7623.404	54.90	74.0	19.10	Peak	113.00	100	Horizontal	Pass
4**	7623.404	45.80	54.0	8.20	AV	113.00	100	Horizontal	Pass
5	12454.041	51.49	74.0	22.51	Peak	113.00	200	Horizontal	Pass
5**	12454.041	46.66	54.0	7.34	AV	113.00	200	Horizontal	Pass
6	15902.775	51.95	74.0	22.05	Peak	211.00	300	Horizontal	Pass
6**	15902.775	42.26	54.0	11.74	AV	211.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.109	41.58	74.0	32.42	Peak	137.00	200	Vertical	Pass
1**	1531.109	29.37	54.0	24.63	AV	137.00	200	Vertical	Pass
2	2335.844	47.17	74.0	26.83	Peak	285.00	100	Vertical	Pass
2**	2335.844	34.99	54.0	19.01	AV	285.00	100	Vertical	Pass
3	4896.677	48.92	74.0	25.08	Peak	91.00	200	Vertical	Pass
3**	4896.677	41.46	54.0	12.54	AV	91.00	200	Vertical	Pass
4	7325.377	56.12	74.0	17.88	Peak	277.00	200	Vertical	Pass
4**	7325.377	44.20	54.0	9.80	AV	277.00	200	Vertical	Pass
5	12485.430	51.00	74.0	23.00	Peak	36.00	200	Vertical	Pass
5**	12485.430	45.70	54.0	8.30	AV	36.00	200	Vertical	Pass
6	15688.251	54.37	74.0	19.63	Peak	45.00	100	Vertical	Pass
6**	15688.251	46.62	54.0	7.38	AV	45.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.051	38.67	74.0	35.33	Peak	327.00	300	Horizontal	Pass
1**	1521.051	29.88	54.0	24.12	AV	327.00	300	Horizontal	Pass
2	2271.955	43.72	74.0	30.28	Peak	39.00	200	Horizontal	Pass
2**	2271.955	35.51	54.0	18.49	AV	39.00	200	Horizontal	Pass
3	4043.312	48.98	74.0	25.02	Peak	354.00	200	Horizontal	Pass
3**	4043.312	39.72	54.0	14.28	AV	354.00	200	Horizontal	Pass
4	7620.106	54.49	74.0	19.51	Peak	193.00	200	Horizontal	Pass
4**	7620.106	45.17	54.0	8.83	AV	193.00	200	Horizontal	Pass
5	12458.272	52.36	74.0	21.64	Peak	3.00	100	Horizontal	Pass
5**	12458.272	46.72	54.0	7.28	AV	3.00	100	Horizontal	Pass
6	15901.040	55.35	74.0	18.65	Peak	108.00	300	Horizontal	Pass
6**	15901.040	43.35	54.0	10.65	AV	108.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.318	38.81	74.0	35.19	Peak	78.00	100	Vertical	Pass
1**	1532.318	30.66	54.0	23.34	AV	78.00	100	Vertical	Pass
2	2338.464	43.19	74.0	30.81	Peak	304.00	400	Vertical	Pass
2**	2338.464	38.30	54.0	15.70	AV	304.00	400	Vertical	Pass
3	4897.628	49.79	74.0	24.21	Peak	75.00	200	Vertical	Pass
3**	4897.628	37.03	54.0	16.97	AV	75.00	200	Vertical	Pass
4	7323.302	52.29	74.0	21.71	Peak	175.00	100	Vertical	Pass
4**	7323.302	42.73	54.0	11.27	AV	175.00	100	Vertical	Pass
5	12482.443	51.83	74.0	22.17	Peak	109.00	100	Vertical	Pass
5**	12482.443	41.52	54.0	12.48	AV	109.00	100	Vertical	Pass
6	15691.972	53.72	74.0	20.28	Peak	233.00	100	Vertical	Pass
6**	15691.972	43.70	54.0	10.30	AV	233.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.457	36.02	74.0	37.98	Peak	199.00	200	Horizontal	Pass
1**	1527.457	28.91	54.0	25.09	AV	199.00	200	Horizontal	Pass
2	2277.978	46.83	74.0	27.17	Peak	275.00	300	Horizontal	Pass
2**	2277.978	32.02	54.0	21.98	AV	275.00	300	Horizontal	Pass
3	4046.172	48.18	74.0	25.82	Peak	306.00	200	Horizontal	Pass
3**	4046.172	37.00	54.0	17.00	AV	306.00	200	Horizontal	Pass
4	7620.052	50.14	74.0	23.86	Peak	144.00	200	Horizontal	Pass
4**	7620.052	42.68	54.0	11.32	AV	144.00	200	Horizontal	Pass
5	12452.078	51.50	74.0	22.50	Peak	306.00	300	Horizontal	Pass
5**	12452.078	45.29	54.0	8.71	AV	306.00	300	Horizontal	Pass
6	15902.003	55.00	74.0	19.00	Peak	60.00	100	Horizontal	Pass
6**	15902.003	42.36	54.0	11.64	AV	60.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.487	36.92	74.0	37.08	Peak	175.00	200	Vertical	Pass
1**	1531.487	25.90	54.0	28.10	AV	175.00	200	Vertical	Pass
2	2333.060	46.83	74.0	27.17	Peak	178.00	300	Vertical	Pass
2**	2333.060	36.43	54.0	17.57	AV	178.00	300	Vertical	Pass
3	4903.120	48.42	74.0	25.58	Peak	347.00	200	Vertical	Pass
3**	4903.120	36.86	54.0	17.14	AV	347.00	200	Vertical	Pass
4	7328.343	52.95	74.0	21.05	Peak	109.00	400	Vertical	Pass
4**	7328.343	46.59	54.0	7.41	AV	109.00	400	Vertical	Pass
5	12486.596	55.96	74.0	18.04	Peak	230.00	200	Vertical	Pass
5**	12486.596	42.15	54.0	11.85	AV	230.00	200	Vertical	Pass
6	15694.376	52.58	74.0	21.42	Peak	254.00	100	Vertical	Pass
6**	15694.376	41.66	54.0	12.34	AV	254.00	100	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.305	40.36	74.0	33.64	Peak	229.00	100	Horizontal	Pass
1**	1527.305	27.68	54.0	26.32	AV	229.00	100	Horizontal	Pass
2	2274.036	43.98	74.0	30.02	Peak	43.00	100	Horizontal	Pass
2**	2274.036	35.23	54.0	18.77	AV	43.00	100	Horizontal	Pass
3	4043.800	46.05	74.0	27.95	Peak	123.00	200	Horizontal	Pass
3**	4043.800	37.77	54.0	16.23	AV	123.00	200	Horizontal	Pass
4	7617.540	51.83	74.0	22.17	Peak	100.00	100	Horizontal	Pass
4**	7617.540	42.07	54.0	11.93	AV	100.00	100	Horizontal	Pass
5	12456.741	51.03	74.0	22.97	Peak	105.00	300	Horizontal	Pass
5**	12456.741	41.87	54.0	12.13	AV	105.00	300	Horizontal	Pass
6	15903.659	54.03	74.0	19.97	Peak	42.00	300	Horizontal	Pass
6**	15903.659	42.22	54.0	11.78	AV	42.00	300	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.597	38.60	74.0	35.40	Peak	37.00	200	Vertical	Pass
1**	1527.597	25.65	54.0	28.35	AV	37.00	200	Vertical	Pass
2	2333.949	44.00	74.0	30.00	Peak	260.00	300	Vertical	Pass
2**	2333.949	35.84	54.0	18.16	AV	260.00	300	Vertical	Pass
3	4897.561	49.93	74.0	24.07	Peak	153.00	200	Vertical	Pass
3**	4897.561	42.31	54.0	11.69	AV	153.00	200	Vertical	Pass
4	7329.470	55.60	74.0	18.40	Peak	235.00	300	Vertical	Pass
4**	7329.470	45.54	54.0	8.46	AV	235.00	300	Vertical	Pass
5	12489.859	53.55	74.0	20.45	Peak	148.00	400	Vertical	Pass
5**	12489.859	42.97	54.0	11.03	AV	148.00	400	Vertical	Pass
6	15692.468	54.14	74.0	19.86	Peak	168.00	100	Vertical	Pass
6**	15692.468	45.24	54.0	8.76	AV	168.00	100	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.350	40.58	74.0	33.42	Peak	250.00	400	Horizontal	Pass
1**	1528.350	31.50	54.0	22.50	AV	250.00	400	Horizontal	Pass
2	2276.051	43.62	74.0	30.38	Peak	116.00	300	Horizontal	Pass
2**	2276.051	32.89	54.0	21.11	AV	116.00	300	Horizontal	Pass
3	4048.797	44.63	74.0	29.37	Peak	353.00	200	Horizontal	Pass
3**	4048.797	38.26	54.0	15.74	AV	353.00	200	Horizontal	Pass
4	7619.692	52.98	74.0	21.02	Peak	347.00	100	Horizontal	Pass
4**	7619.692	44.23	54.0	9.77	AV	347.00	100	Horizontal	Pass
5	12458.338	53.65	74.0	20.35	Peak	77.00	300	Horizontal	Pass
5**	12458.338	41.45	54.0	12.55	AV	77.00	300	Horizontal	Pass
6	15905.337	56.52	74.0	17.48	Peak	129.00	100	Horizontal	Pass
6**	15905.337	47.32	54.0	6.68	AV	129.00	100	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.917	41.75	74.0	32.25	Peak	354.00	200	Vertical	Pass
1**	1531.917	30.20	54.0	23.80	AV	354.00	200	Vertical	Pass
2	2336.017	46.66	74.0	27.34	Peak	83.00	400	Vertical	Pass
2**	2336.017	35.70	54.0	18.30	AV	83.00	400	Vertical	Pass
3	4902.034	47.54	74.0	26.46	Peak	293.00	200	Vertical	Pass
3**	4902.034	39.71	54.0	14.29	AV	293.00	200	Vertical	Pass
4	7324.250	56.17	74.0	17.83	Peak	86.00	400	Vertical	Pass
4**	7324.250	42.31	54.0	11.69	AV	86.00	400	Vertical	Pass
5	12489.922	50.54	74.0	23.46	Peak	235.00	300	Vertical	Pass
5**	12489.922	43.37	54.0	10.63	AV	235.00	300	Vertical	Pass
6	15689.396	54.89	74.0	19.11	Peak	66.00	100	Vertical	Pass
6**	15689.396	45.49	54.0	8.51	AV	66.00	100	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	1524.652	36.81	74.0	37.19	Peak	297.00	200	Horizontal	Pass
1**	1524.652	30.91	54.0	23.09	AV	297.00	200	Horizontal	Pass
2	2276.465	44.61	74.0	29.39	Peak	32.00	300	Horizontal	Pass
2**	2276.465	37.24	54.0	16.76	AV	32.00	300	Horizontal	Pass
3	4046.369	49.82	74.0	24.18	Peak	112.00	200	Horizontal	Pass
3**	4046.369	35.13	54.0	18.87	AV	112.00	200	Horizontal	Pass
4	7618.920	52.42	74.0	21.58	Peak	145.00	400	Horizontal	Pass
4**	7618.920	45.69	54.0	8.31	AV	145.00	400	Horizontal	Pass
5	12455.380	55.88	74.0	18.12	Peak	127.00	400	Horizontal	Pass
5**	12455.380	42.05	54.0	11.95	AV	127.00	400	Horizontal	Pass
6	15899.918	50.99	74.0	23.01	Peak	358.00	200	Horizontal	Pass
6**	15899.918	43.95	54.0	10.05	AV	358.00	200	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	1532.849	39.39	74.0	34.61	Peak	43.00	100	Vertical	Pass
1**	1532.849	26.08	54.0	27.92	AV	43.00	100	Vertical	Pass
2	2336.832	44.58	74.0	29.42	Peak	344.00	200	Vertical	Pass
2**	2336.832	35.51	54.0	18.49	AV	344.00	200	Vertical	Pass
3	4903.647	51.38	74.0	22.62	Peak	234.00	200	Vertical	Pass
3**	4903.647	38.70	54.0	15.30	AV	234.00	200	Vertical	Pass
4	7328.427	52.73	74.0	21.27	Peak	239.00	400	Vertical	Pass
4**	7328.427	41.89	54.0	12.11	AV	239.00	400	Vertical	Pass
5	12484.930	54.14	74.0	19.86	Peak	321.00	400	Vertical	Pass
5**	12484.930	43.20	54.0	10.80	AV	321.00	400	Vertical	Pass
6	15688.532	53.41	74.0	20.59	Peak	326.00	200	Vertical	Pass
6**	15688.532	46.64	54.0	7.36	AV	326.00	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	1528.326	38.94	74.0	35.06	Peak	202.00	300	Horizontal	Pass
1**	1528.326	29.73	54.0	24.27	AV	202.00	300	Horizontal	Pass
2	2271.284	41.26	74.0	32.74	Peak	242.00	400	Horizontal	Pass
2**	2271.284	35.56	54.0	18.44	AV	242.00	400	Horizontal	Pass
3	4043.450	47.61	74.0	26.39	Peak	7.00	200	Horizontal	Pass
3**	4043.450	34.29	54.0	19.71	AV	7.00	200	Horizontal	Pass
4	7620.462	54.97	74.0	19.03	Peak	34.00	300	Horizontal	Pass
4**	7620.462	41.40	54.0	12.60	AV	34.00	300	Horizontal	Pass
5	12456.757	51.35	74.0	22.65	Peak	139.00	200	Horizontal	Pass
5**	12456.757	43.00	54.0	11.00	AV	139.00	200	Horizontal	Pass
6	15901.591	54.22	74.0	19.78	Peak	298.00	200	Horizontal	Pass
6**	15901.591	43.02	54.0	10.98	AV	298.00	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	1530.868	35.87	74.0	38.13	Peak	182.00	200	Vertical	Pass
1**	1530.868	27.48	54.0	26.52	AV	182.00	200	Vertical	Pass
2	2336.741	46.61	74.0	27.39	Peak	344.00	400	Vertical	Pass
2**	2336.741	35.14	54.0	18.86	AV	344.00	400	Vertical	Pass
3	4902.461	52.02	74.0	21.98	Peak	209.00	200	Vertical	Pass
3**	4902.461	37.05	54.0	16.95	AV	209.00	200	Vertical	Pass
4	7330.572	55.41	74.0	18.59	Peak	308.00	400	Vertical	Pass
4**	7330.572	44.12	54.0	9.88	AV	308.00	400	Vertical	Pass
5	12488.900	50.41	74.0	23.59	Peak	170.00	200	Vertical	Pass
5**	12488.900	44.03	54.0	9.97	AV	170.00	200	Vertical	Pass
6	15692.711	52.18	74.0	21.82	Peak	180.00	100	Vertical	Pass
6**	15692.711	46.05	54.0	7.95	AV	180.00	100	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.774	41.54	74.0	32.46	Peak	266.00	300	Horizontal	Pass
1**	1523.774	30.69	54.0	23.31	AV	266.00	300	Horizontal	Pass
2	2278.036	42.24	74.0	31.76	Peak	344.00	100	Horizontal	Pass
2**	2278.036	34.05	54.0	19.95	AV	344.00	100	Horizontal	Pass
3	4042.962	49.60	74.0	24.40	Peak	300.00	200	Horizontal	Pass
3**	4042.962	35.58	54.0	18.42	AV	300.00	200	Horizontal	Pass
4	7623.158	51.74	74.0	22.26	Peak	55.00	100	Horizontal	Pass
4**	7623.158	43.31	54.0	10.69	AV	55.00	100	Horizontal	Pass
5	12454.815	54.00	74.0	20.00	Peak	255.00	200	Horizontal	Pass
5**	12454.815	44.03	54.0	9.97	AV	255.00	200	Horizontal	Pass
6	15906.482	52.40	74.0	21.60	Peak	338.00	300	Horizontal	Pass
6**	15906.482	42.03	54.0	11.97	AV	338.00	300	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.898	35.80	74.0	38.20	Peak	338.00	300	Vertical	Pass
1**	1531.898	31.00	54.0	23.00	AV	338.00	300	Vertical	Pass
2	2336.847	42.93	74.0	31.07	Peak	352.00	300	Vertical	Pass
2**	2336.847	37.57	54.0	16.43	AV	352.00	300	Vertical	Pass
3	4902.885	48.90	74.0	25.10	Peak	257.00	200	Vertical	Pass
3**	4902.885	37.90	54.0	16.10	AV	257.00	200	Vertical	Pass
4	7325.404	52.26	74.0	21.74	Peak	10.00	100	Vertical	Pass
4**	7325.404	42.56	54.0	11.44	AV	10.00	100	Vertical	Pass
5	12483.290	53.65	74.0	20.35	Peak	339.00	400	Vertical	Pass
5**	12483.290	41.99	54.0	12.01	AV	339.00	400	Vertical	Pass
6	15694.727	51.35	74.0	22.65	Peak	30.00	400	Vertical	Pass
6**	15694.727	45.64	54.0	8.36	AV	30.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.245	38.87	74.0	35.13	Peak	92.00	200	Horizontal	Pass
1**	1527.245	28.99	54.0	25.01	AV	92.00	200	Horizontal	Pass
2	2276.162	42.42	74.0	31.58	Peak	175.00	100	Horizontal	Pass
2**	2276.162	35.24	54.0	18.76	AV	175.00	100	Horizontal	Pass
3	4047.962	44.59	74.0	29.41	Peak	210.00	200	Horizontal	Pass
3**	4047.962	37.07	54.0	16.93	AV	210.00	200	Horizontal	Pass
4	7621.599	54.65	74.0	19.35	Peak	148.00	300	Horizontal	Pass
4**	7621.599	41.50	54.0	12.50	AV	148.00	300	Horizontal	Pass
5	12457.646	51.76	74.0	22.24	Peak	143.00	100	Horizontal	Pass
5**	12457.646	46.60	54.0	7.40	AV	143.00	100	Horizontal	Pass
6	15899.890	53.62	74.0	20.38	Peak	334.00	400	Horizontal	Pass
6**	15899.890	45.86	54.0	8.14	AV	334.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.044	36.61	74.0	37.39	Peak	37.00	100	Vertical	Pass
1**	1532.044	26.80	54.0	27.20	AV	37.00	100	Vertical	Pass
2	2336.531	43.31	74.0	30.69	Peak	294.00	200	Vertical	Pass
2**	2336.531	32.60	54.0	21.40	AV	294.00	200	Vertical	Pass
3	4901.561	49.47	74.0	24.53	Peak	288.00	200	Vertical	Pass
3**	4901.561	38.47	54.0	15.53	AV	288.00	200	Vertical	Pass
4	7326.592	52.18	74.0	21.82	Peak	119.00	200	Vertical	Pass
4**	7326.592	41.72	54.0	12.28	AV	119.00	200	Vertical	Pass
5	12489.269	53.02	74.0	20.98	Peak	166.00	100	Vertical	Pass
5**	12489.269	45.54	54.0	8.46	AV	166.00	100	Vertical	Pass
6	15693.694	53.44	74.0	20.56	Peak	3.00	100	Vertical	Pass
6**	15693.694	43.38	54.0	10.62	AV	3.00	100	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	1523.517	40.27	74.0	33.73	Peak	95.00	100	Horizontal	Pass
1**	1523.517	26.19	54.0	27.81	AV	95.00	100	Horizontal	Pass
2	2273.181	44.91	74.0	29.09	Peak	354.00	300	Horizontal	Pass
2**	2273.181	31.38	54.0	22.62	AV	354.00	300	Horizontal	Pass
3	4044.774	45.09	74.0	28.91	Peak	175.00	200	Horizontal	Pass
3**	4044.774	38.04	54.0	15.96	AV	175.00	200	Horizontal	Pass
4	7618.366	54.97	74.0	19.03	Peak	242.00	200	Horizontal	Pass
4**	7618.366	44.42	54.0	9.58	AV	242.00	200	Horizontal	Pass
5	12457.397	52.16	74.0	21.84	Peak	57.00	400	Horizontal	Pass
5**	12457.397	47.05	54.0	6.95	AV	57.00	400	Horizontal	Pass
6	15903.987	52.15	74.0	21.85	Peak	25.00	300	Horizontal	Pass
6**	15903.987	46.32	54.0	7.68	AV	25.00	300	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	1531.664	39.26	74.0	34.74	Peak	32.00	400	Vertical	Pass
1**	1531.664	29.74	54.0	24.26	AV	32.00	400	Vertical	Pass
2	2338.783	47.48	74.0	26.52	Peak	62.00	100	Vertical	Pass
2**	2338.783	37.06	54.0	16.94	AV	62.00	100	Vertical	Pass
3	4901.480	52.20	74.0	21.80	Peak	164.00	200	Vertical	Pass
3**	4901.480	37.62	54.0	16.38	AV	164.00	200	Vertical	Pass
4	7324.329	55.15	74.0	18.85	Peak	211.00	400	Vertical	Pass
4**	7324.329	45.00	54.0	9.00	AV	211.00	400	Vertical	Pass
5	12482.586	51.78	74.0	22.22	Peak	74.00	200	Vertical	Pass
5**	12482.586	46.04	54.0	7.96	AV	74.00	200	Vertical	Pass
6	15691.020	55.56	74.0	18.44	Peak	338.00	200	Vertical	Pass
6**	15691.020	44.47	54.0	9.53	AV	338.00	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	1523.301	37.19	74.0	36.81	Peak	229.00	200	Horizontal	Pass
1**	1523.301	31.15	54.0	22.85	AV	229.00	200	Horizontal	Pass
2	2273.180	43.04	74.0	30.96	Peak	306.00	200	Horizontal	Pass
2**	2273.180	32.45	54.0	21.55	AV	306.00	200	Horizontal	Pass
3	4047.473	44.91	74.0	29.09	Peak	149.00	200	Horizontal	Pass
3**	4047.473	37.57	54.0	16.43	AV	149.00	200	Horizontal	Pass
4	7624.036	53.83	74.0	20.17	Peak	204.00	300	Horizontal	Pass
4**	7624.036	45.34	54.0	8.66	AV	204.00	300	Horizontal	Pass
5	12450.576	54.84	74.0	19.16	Peak	301.00	400	Horizontal	Pass
5**	12450.576	45.69	54.0	8.31	AV	301.00	400	Horizontal	Pass
6	15904.029	50.98	74.0	23.02	Peak	42.00	100	Horizontal	Pass
6**	15904.029	42.83	54.0	11.17	AV	42.00	100	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	1527.551	39.68	74.0	34.32	Peak	137.00	300	Vertical	Pass
1**	1527.551	27.81	54.0	26.19	AV	137.00	300	Vertical	Pass
2	2339.400	44.03	74.0	29.97	Peak	246.00	200	Vertical	Pass
2**	2339.400	37.38	54.0	16.62	AV	246.00	200	Vertical	Pass
3	4902.095	49.43	74.0	24.57	Peak	281.00	200	Vertical	Pass
3**	4902.095	41.79	54.0	12.21	AV	281.00	200	Vertical	Pass
4	7325.839	53.32	74.0	20.68	Peak	297.00	300	Vertical	Pass
4**	7325.839	41.29	54.0	12.71	AV	297.00	300	Vertical	Pass
5	12488.174	52.36	74.0	21.64	Peak	333.00	100	Vertical	Pass
5**	12488.174	42.55	54.0	11.45	AV	333.00	100	Vertical	Pass
6	15693.815	53.79	74.0	20.21	Peak	231.00	100	Vertical	Pass
6**	15693.815	43.17	54.0	10.83	AV	231.00	100	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	1522.782	36.05	74.0	37.95	Peak	289.00	400	Horizontal	Pass
1**	1522.782	30.50	54.0	23.50	AV	289.00	400	Horizontal	Pass
2	2277.252	44.25	74.0	29.75	Peak	148.00	300	Horizontal	Pass
2**	2277.252	32.98	54.0	21.02	AV	148.00	300	Horizontal	Pass
3	4049.155	46.27	74.0	27.73	Peak	165.00	200	Horizontal	Pass
3**	4049.155	39.61	54.0	14.39	AV	165.00	200	Horizontal	Pass
4	7624.079	55.23	74.0	18.77	Peak	309.00	100	Horizontal	Pass
4**	7624.079	42.65	54.0	11.35	AV	309.00	100	Horizontal	Pass
5	12454.926	54.50	74.0	19.50	Peak	298.00	200	Horizontal	Pass
5**	12454.926	43.70	54.0	10.30	AV	298.00	200	Horizontal	Pass
6	15907.523	51.56	74.0	22.44	Peak	260.00	300	Horizontal	Pass
6**	15907.523	43.17	54.0	10.83	AV	260.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	37.35	74.0	36.65	Peak	310.00	400	Vertical	Pass
1**	1599.900	23.91	54.0	30.09	AV	310.00	400	Vertical	Pass
2	2227.773	43.65	74.0	30.35	Peak	231.00	200	Vertical	Pass
2**	2227.773	29.19	54.0	24.81	AV	231.00	200	Vertical	Pass
3	4260.103	50.10	74.0	23.90	Peak	60.00	200	Vertical	Pass
3**	4260.103	36.83	54.0	17.17	AV	60.00	200	Vertical	Pass
4	7712.359	56.70	74.0	17.30	Peak	240.00	400	Vertical	Pass
4**	7712.359	43.61	54.0	10.39	AV	240.00	400	Vertical	Pass
5	12494.870	50.62	74.0	23.38	Peak	299.00	400	Vertical	Pass
5**	12494.870	45.21	54.0	8.79	AV	299.00	400	Vertical	Pass
6	15674.392	57.37	74.0	16.63	Peak	232.00	400	Vertical	Pass
6**	15674.392	45.64	54.0	8.36	AV	232.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.813	39.67	74.0	34.33	Peak	213.00	400	Horizontal	Pass
1**	1526.813	28.22	54.0	25.78	AV	213.00	400	Horizontal	Pass
2	2271.708	42.74	74.0	31.26	Peak	73.00	200	Horizontal	Pass
2**	2271.708	33.45	54.0	20.55	AV	73.00	200	Horizontal	Pass
3	4043.757	46.19	74.0	27.81	Peak	283.00	200	Horizontal	Pass
3**	4043.757	35.25	54.0	18.75	AV	283.00	200	Horizontal	Pass
4	7624.466	53.18	74.0	20.82	Peak	159.00	200	Horizontal	Pass
4**	7624.466	45.91	54.0	8.09	AV	159.00	200	Horizontal	Pass
5	12458.431	54.05	74.0	19.95	Peak	184.00	300	Horizontal	Pass
5**	12458.431	45.46	54.0	8.54	AV	184.00	300	Horizontal	Pass
6	15902.061	52.12	74.0	21.88	Peak	84.00	100	Horizontal	Pass
6**	15902.061	45.89	54.0	8.11	AV	84.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.876	37.50	74.0	36.50	Peak	176.00	100	Vertical	Pass
1**	1595.876	25.50	54.0	28.50	AV	176.00	100	Vertical	Pass
2	2224.478	41.70	74.0	32.30	Peak	211.00	200	Vertical	Pass
2**	2224.478	32.21	54.0	21.79	AV	211.00	200	Vertical	Pass
3	4256.058	48.16	74.0	25.84	Peak	308.00	200	Vertical	Pass
3**	4256.058	38.58	54.0	15.42	AV	308.00	200	Vertical	Pass
4	7707.070	55.17	74.0	18.83	Peak	186.00	200	Vertical	Pass
4**	7707.070	44.73	54.0	9.27	AV	186.00	200	Vertical	Pass
5	12497.799	55.48	74.0	18.52	Peak	262.00	200	Vertical	Pass
5**	12497.799	40.39	54.0	13.61	AV	262.00	200	Vertical	Pass
6	15675.575	56.73	74.0	17.27	Peak	265.00	300	Vertical	Pass
6**	15675.575	41.42	54.0	12.58	AV	265.00	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	1527.992	37.68	74.0	36.32	Peak	307.00	300	Horizontal	Pass
1**	1527.992	26.22	54.0	27.78	AV	307.00	300	Horizontal	Pass
2	2272.423	45.48	74.0	28.52	Peak	243.00	100	Horizontal	Pass
2**	2272.423	37.11	54.0	16.89	AV	243.00	100	Horizontal	Pass
3	4048.370	47.33	74.0	26.67	Peak	308.00	200	Horizontal	Pass
3**	4048.370	39.21	54.0	14.79	AV	308.00	200	Horizontal	Pass
4	7624.294	53.24	74.0	20.76	Peak	133.00	100	Horizontal	Pass
4**	7624.294	46.17	54.0	7.83	AV	133.00	100	Horizontal	Pass
5	12457.262	55.29	74.0	18.71	Peak	177.00	300	Horizontal	Pass
5**	12457.262	43.29	54.0	10.71	AV	177.00	300	Horizontal	Pass
6	15901.881	51.13	74.0	22.87	Peak	146.00	300	Horizontal	Pass
6**	15901.881	43.64	54.0	10.36	AV	146.00	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	1602.427	37.73	74.0	36.27	Peak	57.00	200	Vertical	Pass
1**	1602.427	28.85	54.0	25.15	AV	57.00	200	Vertical	Pass
2	2230.495	44.01	74.0	29.99	Peak	264.00	400	Vertical	Pass
2**	2230.495	30.26	54.0	23.74	AV	264.00	400	Vertical	Pass
3	4258.695	46.81	74.0	27.19	Peak	352.00	200	Vertical	Pass
3**	4258.695	38.98	54.0	15.02	AV	352.00	200	Vertical	Pass
4	7704.915	54.96	74.0	19.04	Peak	142.00	200	Vertical	Pass
4**	7704.915	39.65	54.0	14.35	AV	142.00	200	Vertical	Pass
5	12502.571	56.34	74.0	17.66	Peak	127.00	200	Vertical	Pass
5**	12502.571	41.09	54.0	12.91	AV	127.00	200	Vertical	Pass
6	15675.313	54.86	74.0	19.14	Peak	175.00	400	Vertical	Pass
6**	15675.313	44.56	54.0	9.44	AV	175.00	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	1527.693	37.90	74.0	36.10	Peak	8.00	200	Horizontal	Pass
1**	1527.693	28.69	54.0	25.31	AV	8.00	200	Horizontal	Pass
2	2276.520	42.27	74.0	31.73	Peak	193.00	200	Horizontal	Pass
2**	2276.520	34.27	54.0	19.73	AV	193.00	200	Horizontal	Pass
3	4046.941	49.40	74.0	24.60	Peak	215.00	200	Horizontal	Pass
3**	4046.941	39.44	54.0	14.56	AV	215.00	200	Horizontal	Pass
4	7619.813	55.53	74.0	18.47	Peak	200.00	100	Horizontal	Pass
4**	7619.813	40.69	54.0	13.31	AV	200.00	100	Horizontal	Pass
5	12456.602	54.14	74.0	19.86	Peak	60.00	400	Horizontal	Pass
5**	12456.602	45.82	54.0	8.18	AV	60.00	400	Horizontal	Pass
6	15901.365	51.00	74.0	23.00	Peak	84.00	400	Horizontal	Pass
6**	15901.365	46.21	54.0	7.79	AV	84.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.301	42.91	74.0	31.09	Peak	356.00	100	Vertical	Pass
1**	1601.301	23.95	54.0	30.05	AV	356.00	100	Vertical	Pass
2	2224.538	41.88	74.0	32.12	Peak	66.00	100	Vertical	Pass
2**	2224.538	30.01	54.0	23.99	AV	66.00	100	Vertical	Pass
3	4258.940	49.90	74.0	24.10	Peak	257.00	200	Vertical	Pass
3**	4258.940	35.88	54.0	18.12	AV	257.00	200	Vertical	Pass
4	7707.543	58.39	74.0	15.61	Peak	270.00	100	Vertical	Pass
4**	7707.543	45.10	54.0	8.90	AV	270.00	100	Vertical	Pass
5	12499.231	51.76	74.0	22.24	Peak	29.00	200	Vertical	Pass
5**	12499.231	42.14	54.0	11.86	AV	29.00	200	Vertical	Pass
6	15675.945	53.22	74.0	20.78	Peak	338.00	100	Vertical	Pass
6**	15675.945	43.08	54.0	10.92	AV	338.00	100	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	1526.969	36.21	74.0	37.79	Peak	255.00	400	Horizontal	Pass
1**	1526.969	27.21	54.0	26.79	AV	255.00	400	Horizontal	Pass
2	2274.241	42.62	74.0	31.38	Peak	124.00	100	Horizontal	Pass
2**	2274.241	36.61	54.0	17.39	AV	124.00	100	Horizontal	Pass
3	4046.078	45.29	74.0	28.71	Peak	13.00	200	Horizontal	Pass
3**	4046.078	36.52	54.0	17.48	AV	13.00	200	Horizontal	Pass
4	7619.537	54.51	74.0	19.49	Peak	207.00	400	Horizontal	Pass
4**	7619.537	41.47	54.0	12.53	AV	207.00	400	Horizontal	Pass
5	12458.354	54.48	74.0	19.52	Peak	150.00	200	Horizontal	Pass
5**	12458.354	42.45	54.0	11.55	AV	150.00	200	Horizontal	Pass
6	15899.813	51.23	74.0	22.77	Peak	338.00	300	Horizontal	Pass
6**	15899.813	45.30	54.0	8.70	AV	338.00	300	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	1596.218	43.08	74.0	30.92	Peak	207.00	200	Vertical	Pass
1**	1596.218	28.61	54.0	25.39	AV	207.00	200	Vertical	Pass
2	2227.773	44.10	74.0	29.90	Peak	63.00	200	Vertical	Pass
2**	2227.773	30.71	54.0	23.29	AV	63.00	200	Vertical	Pass
3	4255.133	46.69	74.0	27.31	Peak	36.00	200	Vertical	Pass
3**	4255.133	38.50	54.0	15.50	AV	36.00	200	Vertical	Pass
4	7710.676	53.66	74.0	20.34	Peak	290.00	100	Vertical	Pass
4**	7710.676	42.24	54.0	11.76	AV	290.00	100	Vertical	Pass
5	12496.465	54.42	74.0	19.58	Peak	268.00	100	Vertical	Pass
5**	12496.465	46.17	54.0	7.83	AV	268.00	100	Vertical	Pass
6	15670.647	53.59	74.0	20.41	Peak	0.00	400	Vertical	Pass
6**	15670.647	40.46	54.0	13.54	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.702	38.12	74.0	35.88	Peak	298.00	400	Horizontal	Pass
1**	1520.702	26.52	54.0	27.48	AV	298.00	400	Horizontal	Pass
2	2275.722	45.33	74.0	28.67	Peak	332.00	200	Horizontal	Pass
2**	2275.722	34.92	54.0	19.08	AV	332.00	200	Horizontal	Pass
3	4047.134	46.72	74.0	27.28	Peak	235.00	200	Horizontal	Pass
3**	4047.134	36.04	54.0	17.96	AV	235.00	200	Horizontal	Pass
4	7620.693	50.09	74.0	23.91	Peak	205.00	100	Horizontal	Pass
4**	7620.693	44.16	54.0	9.84	AV	205.00	100	Horizontal	Pass
5	12450.938	55.60	74.0	18.40	Peak	198.00	300	Horizontal	Pass
5**	12450.938	46.86	54.0	7.14	AV	198.00	300	Horizontal	Pass
6	15905.034	50.83	74.0	23.17	Peak	97.00	400	Horizontal	Pass
6**	15905.034	42.68	54.0	11.32	AV	97.00	400	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	1598.759	39.82	74.0	34.18	Peak	222.00	300	Vertical	Pass
1**	1598.759	25.63	54.0	28.37	AV	222.00	300	Vertical	Pass
2	2223.886	39.90	74.0	34.10	Peak	45.00	300	Vertical	Pass
2**	2223.886	33.73	54.0	20.27	AV	45.00	300	Vertical	Pass
3	4257.062	45.34	74.0	28.66	Peak	303.00	200	Vertical	Pass
3**	4257.062	37.90	54.0	16.10	AV	303.00	200	Vertical	Pass
4	7707.576	55.18	74.0	18.82	Peak	215.00	400	Vertical	Pass
4**	7707.576	42.75	54.0	11.25	AV	215.00	400	Vertical	Pass
5	12499.926	53.41	74.0	20.59	Peak	138.00	400	Vertical	Pass
5**	12499.926	43.70	54.0	10.30	AV	138.00	400	Vertical	Pass
6	15673.937	53.21	74.0	20.79	Peak	209.00	400	Vertical	Pass
6**	15673.937	40.05	54.0	13.95	AV	209.00	400	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.941	41.01	74.0	32.99	Peak	64.00	200	Horizontal	Pass
1**	1525.941	30.13	54.0	23.87	AV	64.00	200	Horizontal	Pass
2	2273.973	41.58	74.0	32.42	Peak	7.00	300	Horizontal	Pass
2**	2273.973	31.69	54.0	22.31	AV	7.00	300	Horizontal	Pass
3	4046.754	49.01	74.0	24.99	Peak	280.00	200	Horizontal	Pass
3**	4046.754	39.26	54.0	14.74	AV	280.00	200	Horizontal	Pass
4	7621.811	51.68	74.0	22.32	Peak	239.00	100	Horizontal	Pass
4**	7621.811	42.28	54.0	11.72	AV	239.00	100	Horizontal	Pass
5	12457.556	52.95	74.0	21.05	Peak	131.00	100	Horizontal	Pass
5**	12457.556	44.10	54.0	9.90	AV	131.00	100	Horizontal	Pass
6	15907.636	54.84	74.0	19.16	Peak	154.00	300	Horizontal	Pass
6**	15907.636	42.58	54.0	11.42	AV	154.00	300	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	1597.959	43.05	74.0	30.95	Peak	77.00	300	Vertical	Pass
1**	1597.959	28.90	54.0	25.10	AV	77.00	300	Vertical	Pass
2	2228.562	42.33	74.0	31.67	Peak	28.00	300	Vertical	Pass
2**	2228.562	31.34	54.0	22.66	AV	28.00	300	Vertical	Pass
3	4261.722	45.17	74.0	28.83	Peak	300.00	200	Vertical	Pass
3**	4261.722	39.81	54.0	14.19	AV	300.00	200	Vertical	Pass
4	7708.151	53.20	74.0	20.80	Peak	108.00	300	Vertical	Pass
4**	7708.151	45.32	54.0	8.68	AV	108.00	300	Vertical	Pass
5	12500.346	53.41	74.0	20.59	Peak	106.00	400	Vertical	Pass
5**	12500.346	43.86	54.0	10.14	AV	106.00	400	Vertical	Pass
6	15672.681	55.12	74.0	18.88	Peak	7.00	100	Vertical	Pass
6**	15672.681	45.04	54.0	8.96	AV	7.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.092	36.81	74.0	37.19	Peak	352.00	300	Horizontal	Pass
1**	1525.092	27.42	54.0	26.58	AV	352.00	300	Horizontal	Pass
2	2272.700	46.25	74.0	27.75	Peak	279.00	300	Horizontal	Pass
2**	2272.700	34.86	54.0	19.14	AV	279.00	300	Horizontal	Pass
3	4042.745	48.94	74.0	25.06	Peak	46.00	200	Horizontal	Pass
3**	4042.745	35.45	54.0	18.55	AV	46.00	200	Horizontal	Pass
4	7618.882	50.98	74.0	23.02	Peak	273.00	100	Horizontal	Pass
4**	7618.882	43.22	54.0	10.78	AV	273.00	100	Horizontal	Pass
5	12451.087	54.69	74.0	19.31	Peak	28.00	300	Horizontal	Pass
5**	12451.087	43.88	54.0	10.12	AV	28.00	300	Horizontal	Pass
6	15904.795	51.65	74.0	22.35	Peak	173.00	400	Horizontal	Pass
6**	15904.795	42.19	54.0	11.81	AV	173.00	400	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	1598.547	39.42	74.0	34.58	Peak	318.00	100	Vertical	Pass
1**	1598.547	24.25	54.0	29.75	AV	318.00	100	Vertical	Pass
2	2226.648	43.34	74.0	30.66	Peak	29.00	300	Vertical	Pass
2**	2226.648	30.65	54.0	23.35	AV	29.00	300	Vertical	Pass
3	4255.800	46.02	74.0	27.98	Peak	311.00	200	Vertical	Pass
3**	4255.800	40.27	54.0	13.73	AV	311.00	200	Vertical	Pass
4	7711.450	53.70	74.0	20.30	Peak	207.00	200	Vertical	Pass
4**	7711.450	41.87	54.0	12.13	AV	207.00	200	Vertical	Pass
5	12500.066	51.36	74.0	22.64	Peak	349.00	200	Vertical	Pass
5**	12500.066	45.18	54.0	8.82	AV	349.00	200	Vertical	Pass
6	15674.956	57.10	74.0	16.90	Peak	229.00	200	Vertical	Pass
6**	15674.956	42.59	54.0	11.41	AV	229.00	200	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	1521.806	37.05	74.0	36.95	Peak	33.00	200	Horizontal	Pass
1**	1521.806	31.10	54.0	22.90	AV	33.00	200	Horizontal	Pass
2	2271.816	41.48	74.0	32.52	Peak	313.00	100	Horizontal	Pass
2**	2271.816	35.76	54.0	18.24	AV	313.00	100	Horizontal	Pass
3	4047.893	47.39	74.0	26.61	Peak	83.00	200	Horizontal	Pass
3**	4047.893	34.97	54.0	19.03	AV	83.00	200	Horizontal	Pass
4	7616.999	53.80	74.0	20.20	Peak	137.00	300	Horizontal	Pass
4**	7616.999	41.83	54.0	12.17	AV	137.00	300	Horizontal	Pass
5	12458.508	52.24	74.0	21.76	Peak	237.00	100	Horizontal	Pass
5**	12458.508	41.99	54.0	12.01	AV	237.00	100	Horizontal	Pass
6	15906.185	55.11	74.0	18.89	Peak	182.00	100	Horizontal	Pass
6**	15906.185	45.41	54.0	8.59	AV	182.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.312	40.68	74.0	33.32	Peak	58.00	300	Vertical	Pass
1**	1595.312	24.63	54.0	29.37	AV	58.00	300	Vertical	Pass
2	2224.322	40.16	74.0	33.84	Peak	159.00	300	Vertical	Pass
2**	2224.322	28.82	54.0	25.18	AV	159.00	300	Vertical	Pass
3	4255.140	49.09	74.0	24.91	Peak	2.00	200	Vertical	Pass
3**	4255.140	40.25	54.0	13.75	AV	2.00	200	Vertical	Pass
4	7707.675	57.63	74.0	16.37	Peak	215.00	100	Vertical	Pass
4**	7707.675	44.57	54.0	9.43	AV	215.00	100	Vertical	Pass
5	12500.593	52.26	74.0	21.74	Peak	181.00	100	Vertical	Pass
5**	12500.593	42.13	54.0	11.87	AV	181.00	100	Vertical	Pass
6	15672.203	58.08	74.0	15.92	Peak	148.00	300	Vertical	Pass
6**	15672.203	41.40	54.0	12.60	AV	148.00	300	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	1526.129	35.77	74.0	38.23	Peak	54.00	400	Horizontal	Pass
1**	1526.129	28.58	54.0	25.42	AV	54.00	400	Horizontal	Pass
2	2275.115	45.38	74.0	28.62	Peak	251.00	300	Horizontal	Pass
2**	2275.115	31.94	54.0	22.06	AV	251.00	300	Horizontal	Pass
3	4048.110	48.35	74.0	25.65	Peak	327.00	200	Horizontal	Pass
3**	4048.110	39.48	54.0	14.52	AV	327.00	200	Horizontal	Pass
4	7619.624	53.29	74.0	20.71	Peak	254.00	400	Horizontal	Pass
4**	7619.624	42.10	54.0	11.90	AV	254.00	400	Horizontal	Pass
5	12456.691	53.34	74.0	20.66	Peak	184.00	300	Horizontal	Pass
5**	12456.691	45.16	54.0	8.84	AV	184.00	300	Horizontal	Pass
6	15902.326	51.53	74.0	22.47	Peak	33.00	400	Horizontal	Pass
6**	15902.326	42.56	54.0	11.44	AV	33.00	400	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	1598.332	41.70	74.0	32.30	Peak	187.00	400	Vertical	Pass
1**	1598.332	23.10	54.0	30.90	AV	187.00	400	Vertical	Pass
2	2226.709	43.80	74.0	30.20	Peak	32.00	300	Vertical	Pass
2**	2226.709	31.87	54.0	22.13	AV	32.00	300	Vertical	Pass
3	4257.753	46.55	74.0	27.45	Peak	136.00	200	Vertical	Pass
3**	4257.753	36.82	54.0	17.18	AV	136.00	200	Vertical	Pass
4	7704.749	56.84	74.0	17.16	Peak	79.00	100	Vertical	Pass
4**	7704.749	44.83	54.0	9.17	AV	79.00	100	Vertical	Pass
5	12497.411	56.02	74.0	17.98	Peak	219.00	400	Vertical	Pass
5**	12497.411	42.25	54.0	11.75	AV	219.00	400	Vertical	Pass
6	15670.007	56.16	74.0	17.84	Peak	292.00	400	Vertical	Pass
6**	15670.007	43.71	54.0	10.29	AV	292.00	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	1524.402	36.40	74.0	37.60	Peak	144.00	300	Horizontal	Pass
1**	1524.402	27.43	54.0	26.57	AV	144.00	300	Horizontal	Pass
2	2272.556	43.08	74.0	30.92	Peak	355.00	400	Horizontal	Pass
2**	2272.556	34.63	54.0	19.37	AV	355.00	400	Horizontal	Pass
3	4050.430	44.81	74.0	29.19	Peak	359.00	200	Horizontal	Pass
3**	4050.430	34.89	54.0	19.11	AV	359.00	200	Horizontal	Pass
4	7617.672	52.82	74.0	21.18	Peak	30.00	400	Horizontal	Pass
4**	7617.672	46.21	54.0	7.79	AV	30.00	400	Horizontal	Pass
5	12456.667	50.68	74.0	23.32	Peak	121.00	300	Horizontal	Pass
5**	12456.667	45.69	54.0	8.31	AV	121.00	300	Horizontal	Pass
6	15905.106	51.63	74.0	22.37	Peak	96.00	200	Horizontal	Pass
6**	15905.106	45.17	54.0	8.83	AV	96.00	200	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	1597.874	40.36	74.0	33.64	Peak	183.00	200	Vertical	Pass
1**	1597.874	25.84	54.0	28.16	AV	183.00	200	Vertical	Pass
2	2226.531	39.82	74.0	34.18	Peak	286.00	100	Vertical	Pass
2**	2226.531	32.01	54.0	21.99	AV	286.00	100	Vertical	Pass
3	4254.483	48.82	74.0	25.18	Peak	80.00	200	Vertical	Pass
3**	4254.483	37.55	54.0	16.45	AV	80.00	200	Vertical	Pass
4	7710.431	55.83	74.0	18.17	Peak	346.00	200	Vertical	Pass
4**	7710.431	42.89	54.0	11.11	AV	346.00	200	Vertical	Pass
5	12497.909	52.32	74.0	21.68	Peak	95.00	400	Vertical	Pass
5**	12497.909	40.84	54.0	13.16	AV	95.00	400	Vertical	Pass
6	15673.242	56.50	74.0	17.50	Peak	330.00	200	Vertical	Pass
6**	15673.242	39.68	54.0	14.32	AV	330.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.119	35.73	74.0	38.27	Peak	115.00	100	Horizontal	Pass
1**	1521.119	31.44	54.0	22.56	AV	115.00	100	Horizontal	Pass
2	2272.080	43.60	74.0	30.40	Peak	224.00	400	Horizontal	Pass
2**	2272.080	34.39	54.0	19.61	AV	224.00	400	Horizontal	Pass
3	4044.807	50.05	74.0	23.95	Peak	23.00	200	Horizontal	Pass
3**	4044.807	35.85	54.0	18.15	AV	23.00	200	Horizontal	Pass
4	7616.567	55.32	74.0	18.68	Peak	56.00	300	Horizontal	Pass
4**	7616.567	43.21	54.0	10.79	AV	56.00	300	Horizontal	Pass
5	12453.352	50.09	74.0	23.91	Peak	115.00	400	Horizontal	Pass
5**	12453.352	42.44	54.0	11.56	AV	115.00	400	Horizontal	Pass
6	15899.697	53.43	74.0	20.57	Peak	227.00	200	Horizontal	Pass
6**	15899.697	44.76	54.0	9.24	AV	227.00	200	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	1599.599	42.55	74.0	31.45	Peak	333.00	300	Vertical	Pass
1**	1599.599	26.24	54.0	27.76	AV	333.00	300	Vertical	Pass
2	2224.110	43.23	74.0	30.77	Peak	37.00	200	Vertical	Pass
2**	2224.110	30.97	54.0	23.03	AV	37.00	200	Vertical	Pass
3	4256.685	48.49	74.0	25.51	Peak	344.00	200	Vertical	Pass
3**	4256.685	40.04	54.0	13.96	AV	344.00	200	Vertical	Pass
4	7707.674	58.36	74.0	15.64	Peak	61.00	100	Vertical	Pass
4**	7707.674	44.94	54.0	9.06	AV	61.00	100	Vertical	Pass
5	12500.616	50.55	74.0	23.45	Peak	4.00	400	Vertical	Pass
5**	12500.616	44.61	54.0	9.39	AV	4.00	400	Vertical	Pass
6	15669.514	53.60	74.0	20.40	Peak	110.00	100	Vertical	Pass
6**	15669.514	40.12	54.0	13.88	AV	110.00	100	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	1523.879	36.47	74.0	37.53	Peak	256.00	100	Horizontal	Pass
1**	1523.879	30.37	54.0	23.63	AV	256.00	100	Horizontal	Pass
2	2278.341	45.05	74.0	28.95	Peak	49.00	200	Horizontal	Pass
2**	2278.341	33.76	54.0	20.24	AV	49.00	200	Horizontal	Pass
3	4043.347	48.68	74.0	25.32	Peak	114.00	200	Horizontal	Pass
3**	4043.347	35.97	54.0	18.03	AV	114.00	200	Horizontal	Pass
4	7621.269	52.70	74.0	21.30	Peak	128.00	400	Horizontal	Pass
4**	7621.269	42.67	54.0	11.33	AV	128.00	400	Horizontal	Pass
5	12454.878	50.35	74.0	23.65	Peak	16.00	300	Horizontal	Pass
5**	12454.878	43.15	54.0	10.85	AV	16.00	300	Horizontal	Pass
6	15899.908	53.01	74.0	20.99	Peak	221.00	100	Horizontal	Pass
6**	15899.908	41.80	54.0	12.20	AV	221.00	100	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	1597.701	42.12	74.0	31.88	Peak	142.00	400	Vertical	Pass
1**	1597.701	25.70	54.0	28.30	AV	142.00	400	Vertical	Pass
2	2227.593	42.56	74.0	31.44	Peak	355.00	100	Vertical	Pass
2**	2227.593	30.15	54.0	23.85	AV	355.00	100	Vertical	Pass
3	4260.440	45.23	74.0	28.77	Peak	13.00	200	Vertical	Pass
3**	4260.440	35.89	54.0	18.11	AV	13.00	200	Vertical	Pass
4	7712.237	57.78	74.0	16.22	Peak	299.00	200	Vertical	Pass
4**	7712.237	42.48	54.0	11.52	AV	299.00	200	Vertical	Pass
5	12499.541	54.86	74.0	19.14	Peak	218.00	400	Vertical	Pass
5**	12499.541	45.70	54.0	8.30	AV	218.00	400	Vertical	Pass
6	15671.360	53.73	74.0	20.27	Peak	11.00	400	Vertical	Pass
6**	15671.360	44.86	54.0	9.14	AV	11.00	400	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	1524.139	37.19	74.0	36.81	Peak	253.00	100	Horizontal	Pass
1**	1524.139	31.46	54.0	22.54	AV	253.00	100	Horizontal	Pass
2	2274.725	42.27	74.0	31.73	Peak	249.00	200	Horizontal	Pass
2**	2274.725	31.98	54.0	22.02	AV	249.00	200	Horizontal	Pass
3	4044.363	49.89	74.0	24.11	Peak	194.00	200	Horizontal	Pass
3**	4044.363	37.97	54.0	16.03	AV	194.00	200	Horizontal	Pass
4	7623.713	52.25	74.0	21.75	Peak	222.00	300	Horizontal	Pass
4**	7623.713	42.57	54.0	11.43	AV	222.00	300	Horizontal	Pass
5	12457.539	51.71	74.0	22.29	Peak	222.00	400	Horizontal	Pass
5**	12457.539	46.24	54.0	7.76	AV	222.00	400	Horizontal	Pass
6	15905.224	52.60	74.0	21.40	Peak	14.00	100	Horizontal	Pass
6**	15905.224	43.14	54.0	10.86	AV	14.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.418	42.04	74.0	31.96	Peak	325.00	200	Vertical	Pass
1**	1598.418	28.52	54.0	25.48	AV	325.00	200	Vertical	Pass
2	2225.393	41.27	74.0	32.73	Peak	194.00	200	Vertical	Pass
2**	2225.393	32.22	54.0	21.78	AV	194.00	200	Vertical	Pass
3	4256.793	50.81	74.0	23.19	Peak	170.00	200	Vertical	Pass
3**	4256.793	38.06	54.0	15.94	AV	170.00	200	Vertical	Pass
4	7711.005	54.71	74.0	19.29	Peak	207.00	300	Vertical	Pass
4**	7711.005	44.15	54.0	9.85	AV	207.00	300	Vertical	Pass
5	12501.512	52.12	74.0	21.88	Peak	71.00	200	Vertical	Pass
5**	12501.512	44.56	54.0	9.44	AV	71.00	200	Vertical	Pass
6	15673.314	54.22	74.0	19.78	Peak	252.00	200	Vertical	Pass
6**	15673.314	41.92	54.0	12.08	AV	252.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.752	37.86	74.0	36.14	Peak	79.00	100	Horizontal	Pass
1**	1525.752	30.75	54.0	23.25	AV	79.00	100	Horizontal	Pass
2	2273.072	43.20	74.0	30.80	Peak	127.00	100	Horizontal	Pass
2**	2273.072	33.35	54.0	20.65	AV	127.00	100	Horizontal	Pass
3	4046.057	45.41	74.0	28.59	Peak	345.00	200	Horizontal	Pass
3**	4046.057	38.88	54.0	15.12	AV	345.00	200	Horizontal	Pass
4	7618.968	53.59	74.0	20.41	Peak	294.00	300	Horizontal	Pass
4**	7618.968	43.82	54.0	10.18	AV	294.00	300	Horizontal	Pass
5	12451.277	53.52	74.0	20.48	Peak	353.00	200	Horizontal	Pass
5**	12451.277	45.24	54.0	8.76	AV	353.00	200	Horizontal	Pass
6	15906.458	51.18	74.0	22.82	Peak	313.00	100	Horizontal	Pass
6**	15906.458	46.43	54.0	7.57	AV	313.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.327	37.61	74.0	36.39	Peak	146.00	400	Vertical	Pass
1**	1598.327	26.69	54.0	27.31	AV	146.00	400	Vertical	Pass
2	2225.946	38.99	74.0	35.01	Peak	137.00	100	Vertical	Pass
2**	2225.946	31.25	54.0	22.75	AV	137.00	100	Vertical	Pass
3	4255.073	47.40	74.0	26.60	Peak	8.00	200	Vertical	Pass
3**	4255.073	37.92	54.0	16.08	AV	8.00	200	Vertical	Pass
4	7706.388	53.26	74.0	20.74	Peak	105.00	300	Vertical	Pass
4**	7706.388	39.89	54.0	14.11	AV	105.00	300	Vertical	Pass
5	12498.392	56.27	74.0	17.73	Peak	245.00	400	Vertical	Pass
5**	12498.392	44.21	54.0	9.79	AV	245.00	400	Vertical	Pass
6	15669.768	57.29	74.0	16.71	Peak	30.00	100	Vertical	Pass
6**	15669.768	44.99	54.0	9.01	AV	30.00	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	1522.492	40.31	74.0	33.69	Peak	320.00	300	Horizontal	Pass
1**	1522.492	26.11	54.0	27.89	AV	320.00	300	Horizontal	Pass
2	2276.366	43.23	74.0	30.77	Peak	289.00	200	Horizontal	Pass
2**	2276.366	36.62	54.0	17.38	AV	289.00	200	Horizontal	Pass
3	4044.439	46.89	74.0	27.11	Peak	197.00	200	Horizontal	Pass
3**	4044.439	37.41	54.0	16.59	AV	197.00	200	Horizontal	Pass
4	7622.084	52.63	74.0	21.37	Peak	306.00	100	Horizontal	Pass
4**	7622.084	41.49	54.0	12.51	AV	306.00	100	Horizontal	Pass
5	12455.766	51.12	74.0	22.88	Peak	89.00	200	Horizontal	Pass
5**	12455.766	42.18	54.0	11.82	AV	89.00	200	Horizontal	Pass
6	15901.818	55.68	74.0	18.32	Peak	334.00	300	Horizontal	Pass
6**	15901.818	46.57	54.0	7.43	AV	334.00	300	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	1596.403	37.14	74.0	36.86	Peak	279.00	400	Vertical	Pass
1**	1596.403	28.62	54.0	25.38	AV	279.00	400	Vertical	Pass
2	2223.695	42.36	74.0	31.64	Peak	181.00	200	Vertical	Pass
2**	2223.695	33.58	54.0	20.42	AV	181.00	200	Vertical	Pass
3	4262.149	45.45	74.0	28.55	Peak	292.00	200	Vertical	Pass
3**	4262.149	39.98	54.0	14.02	AV	292.00	200	Vertical	Pass
4	7707.359	56.38	74.0	17.62	Peak	79.00	400	Vertical	Pass
4**	7707.359	44.94	54.0	9.06	AV	79.00	400	Vertical	Pass
5	12497.218	54.85	74.0	19.15	Peak	32.00	400	Vertical	Pass
5**	12497.218	41.15	54.0	12.85	AV	32.00	400	Vertical	Pass
6	15670.561	53.46	74.0	20.54	Peak	223.00	400	Vertical	Pass
6**	15670.561	41.32	54.0	12.68	AV	223.00	400	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	1520.760	36.07	74.0	37.93	Peak	267.00	300	Horizontal	Pass
1**	1520.760	30.21	54.0	23.79	AV	267.00	300	Horizontal	Pass
2	2271.026	44.74	74.0	29.26	Peak	8.00	300	Horizontal	Pass
2**	2271.026	31.84	54.0	22.16	AV	8.00	300	Horizontal	Pass
3	4048.541	47.96	74.0	26.04	Peak	239.00	200	Horizontal	Pass
3**	4048.541	40.16	54.0	13.84	AV	239.00	200	Horizontal	Pass
4	7619.865	50.76	74.0	23.24	Peak	59.00	400	Horizontal	Pass
4**	7619.865	44.29	54.0	9.71	AV	59.00	400	Horizontal	Pass
5	12456.566	55.44	74.0	18.56	Peak	265.00	100	Horizontal	Pass
5**	12456.566	44.03	54.0	9.97	AV	265.00	100	Horizontal	Pass
6	15906.568	55.94	74.0	18.06	Peak	334.00	300	Horizontal	Pass
6**	15906.568	42.10	54.0	11.90	AV	334.00	300	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	1601.496	39.74	74.0	34.26	Peak	111.00	200	Vertical	Pass
1**	1601.496	26.46	54.0	27.54	AV	111.00	200	Vertical	Pass
2	2230.433	42.81	74.0	31.19	Peak	81.00	300	Vertical	Pass
2**	2230.433	31.42	54.0	22.58	AV	81.00	300	Vertical	Pass
3	4259.482	49.61	74.0	24.39	Peak	288.00	200	Vertical	Pass
3**	4259.482	39.80	54.0	14.20	AV	288.00	200	Vertical	Pass
4	7712.462	54.34	74.0	19.66	Peak	25.00	300	Vertical	Pass
4**	7712.462	42.03	54.0	11.97	AV	25.00	300	Vertical	Pass
5	12496.274	54.23	74.0	19.77	Peak	80.00	300	Vertical	Pass
5**	12496.274	45.59	54.0	8.41	AV	80.00	300	Vertical	Pass
6	15672.118	54.20	74.0	19.80	Peak	224.00	400	Vertical	Pass
6**	15672.118	43.45	54.0	10.55	AV	224.00	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	1521.476	36.80	74.0	37.20	Peak	127.00	100	Horizontal	Pass
1**	1521.476	29.18	54.0	24.82	AV	127.00	100	Horizontal	Pass
2	4020.811	49.09	74.0	24.91	Peak	86.00	100	Horizontal	Pass
2**	4020.811	37.37	54.0	16.63	AV	86.00	100	Horizontal	Pass
3	7602.263	51.11	74.0	22.89	Peak	218.00	200	Horizontal	Pass
3**	7602.263	44.99	54.0	9.01	AV	218.00	200	Horizontal	Pass
4	12458.387	53.13	74.0	20.87	Peak	315.00	300	Horizontal	Pass
4**	12458.387	41.44	54.0	12.56	AV	315.00	300	Horizontal	Pass
5	16099.254	51.60	74.0	22.40	Peak	312.00	200	Horizontal	Pass
5**	16099.254	45.85	54.0	8.15	AV	312.00	200	Horizontal	Pass
6	17421.599	55.05	74.0	18.95	Peak	96.00	400	Horizontal	Pass
6**	17421.599	46.06	54.0	7.94	AV	96.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.327	46.83	74.0	27.17	Peak	86.00	100	Vertical	Pass
1**	1332.327	35.05	54.0	18.95	AV	86.00	100	Vertical	Pass
2	1442.667	40.17	74.0	33.83	Peak	254.00	200	Vertical	Pass
2**	1442.667	37.89	54.0	16.11	AV	254.00	200	Vertical	Pass
3	4308.543	47.58	74.0	26.42	Peak	51.00	200	Vertical	Pass
3**	4308.543	36.43	54.0	17.57	AV	51.00	200	Vertical	Pass
4	7597.733	53.82	74.0	20.18	Peak	239.00	300	Vertical	Pass
4**	7597.733	42.99	54.0	11.01	AV	239.00	300	Vertical	Pass
5	12534.710	53.98	74.0	20.02	Peak	252.00	200	Vertical	Pass
5**	12534.710	43.52	54.0	10.48	AV	252.00	200	Vertical	Pass
6	15905.485	54.48	74.0	19.52	Peak	0.00	100	Vertical	Pass
6**	15905.485	47.30	54.0	6.70	AV	0.00	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	1520.363	41.09	74.0	32.91	Peak	19.00	300	Horizontal	Pass
1**	1520.363	31.42	54.0	22.58	AV	19.00	300	Horizontal	Pass
2	4019.322	48.93	74.0	25.07	Peak	163.00	300	Horizontal	Pass
2**	4019.322	35.29	54.0	18.71	AV	163.00	300	Horizontal	Pass
3	7600.828	50.35	74.0	23.65	Peak	103.00	200	Horizontal	Pass
3**	7600.828	44.87	54.0	9.13	AV	103.00	200	Horizontal	Pass
4	12452.490	52.27	74.0	21.73	Peak	317.00	300	Horizontal	Pass
4**	12452.490	43.99	54.0	10.01	AV	317.00	300	Horizontal	Pass
5	16097.017	55.49	74.0	18.51	Peak	106.00	300	Horizontal	Pass
5**	16097.017	44.90	54.0	9.10	AV	106.00	300	Horizontal	Pass
6	17422.492	55.57	74.0	18.43	Peak	189.00	300	Horizontal	Pass
6**	17422.492	46.24	54.0	7.76	AV	189.00	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	1331.471	43.92	74.0	30.08	Peak	77.00	300	Vertical	Pass
1**	1331.471	33.62	54.0	20.38	AV	77.00	300	Vertical	Pass
2	1440.779	40.13	74.0	33.87	Peak	160.00	300	Vertical	Pass
2**	1440.779	37.52	54.0	16.48	AV	160.00	300	Vertical	Pass
3	4312.439	45.72	74.0	28.28	Peak	81.00	200	Vertical	Pass
3**	4312.439	40.94	54.0	13.06	AV	81.00	200	Vertical	Pass
4	7593.562	52.36	74.0	21.64	Peak	29.00	300	Vertical	Pass
4**	7593.562	42.14	54.0	11.86	AV	29.00	300	Vertical	Pass
5	12536.439	51.31	74.0	22.69	Peak	30.00	200	Vertical	Pass
5**	12536.439	45.55	54.0	8.45	AV	30.00	200	Vertical	Pass
6	15906.596	54.33	74.0	19.67	Peak	192.00	200	Vertical	Pass
6**	15906.596	46.50	54.0	7.50	AV	192.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.977	39.26	74.0	34.74	Peak	145.00	100	Horizontal	Pass
1**	1522.977	31.29	54.0	22.71	AV	145.00	100	Horizontal	Pass
2	4019.138	46.37	74.0	27.63	Peak	63.00	400	Horizontal	Pass
2**	4019.138	39.30	54.0	14.70	AV	63.00	400	Horizontal	Pass
3	7599.541	55.14	74.0	18.86	Peak	356.00	200	Horizontal	Pass
3**	7599.541	40.79	54.0	13.21	AV	356.00	200	Horizontal	Pass
4	12456.993	52.61	74.0	21.39	Peak	57.00	200	Horizontal	Pass
4**	12456.993	44.86	54.0	9.14	AV	57.00	200	Horizontal	Pass
5	16091.506	52.88	74.0	21.12	Peak	132.00	100	Horizontal	Pass
5**	16091.506	43.91	54.0	10.09	AV	132.00	100	Horizontal	Pass
6	17415.651	56.97	74.0	17.03	Peak	237.00	200	Horizontal	Pass
6**	17415.651	46.34	54.0	7.66	AV	237.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.392	47.25	74.0	26.75	Peak	205.00	300	Vertical	Pass
1**	1331.392	31.58	54.0	22.42	AV	205.00	300	Vertical	Pass
2	1438.739	44.24	74.0	29.76	Peak	29.00	400	Vertical	Pass
2**	1438.739	36.97	54.0	17.03	AV	29.00	400	Vertical	Pass
3	4314.009	46.91	74.0	27.09	Peak	27.00	200	Vertical	Pass
3**	4314.009	36.23	54.0	17.77	AV	27.00	200	Vertical	Pass
4	7594.396	54.97	74.0	19.03	Peak	312.00	100	Vertical	Pass
4**	7594.396	44.22	54.0	9.78	AV	312.00	100	Vertical	Pass
5	12535.155	51.85	74.0	22.15	Peak	25.00	200	Vertical	Pass
5**	12535.155	40.93	54.0	13.07	AV	25.00	200	Vertical	Pass
6	15903.922	54.14	74.0	19.86	Peak	273.00	400	Vertical	Pass
6**	15903.922	44.77	54.0	9.23	AV	273.00	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	1517.831	41.04	74.0	32.96	Peak	83.00	400	Horizontal	Pass
1**	1517.831	28.52	54.0	25.48	AV	83.00	400	Horizontal	Pass
2	4017.085	46.02	74.0	27.98	Peak	243.00	200	Horizontal	Pass
2**	4017.085	34.41	54.0	19.59	AV	243.00	200	Horizontal	Pass
3	7596.013	54.57	74.0	19.43	Peak	41.00	200	Horizontal	Pass
3**	7596.013	44.35	54.0	9.65	AV	41.00	200	Horizontal	Pass
4	12452.161	53.03	74.0	20.97	Peak	68.00	300	Horizontal	Pass
4**	12452.161	41.41	54.0	12.59	AV	68.00	300	Horizontal	Pass
5	16093.146	51.28	74.0	22.72	Peak	23.00	400	Horizontal	Pass
5**	16093.146	42.70	54.0	11.30	AV	23.00	400	Horizontal	Pass
6	17419.766	54.97	74.0	19.03	Peak	313.00	400	Horizontal	Pass
6**	17419.766	46.41	54.0	7.59	AV	313.00	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	1335.448	42.09	74.0	31.91	Peak	77.00	200	Vertical	Pass
1**	1335.448	35.18	54.0	18.82	AV	77.00	200	Vertical	Pass
2	1436.983	44.67	74.0	29.33	Peak	193.00	300	Vertical	Pass
2**	1436.983	35.49	54.0	18.51	AV	193.00	300	Vertical	Pass
3	4308.668	44.58	74.0	29.42	Peak	56.00	200	Vertical	Pass
3**	4308.668	38.51	54.0	15.49	AV	56.00	200	Vertical	Pass
4	7597.855	53.64	74.0	20.36	Peak	164.00	300	Vertical	Pass
4**	7597.855	43.73	54.0	10.27	AV	164.00	300	Vertical	Pass
5	12536.606	51.98	74.0	22.02	Peak	250.00	200	Vertical	Pass
5**	12536.606	41.68	54.0	12.32	AV	250.00	200	Vertical	Pass
6	15903.305	56.23	74.0	17.77	Peak	337.00	400	Vertical	Pass
6**	15903.305	43.16	54.0	10.84	AV	337.00	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	1521.647	39.82	74.0	34.18	Peak	228.00	300	Horizontal	Pass
1**	1521.647	28.30	54.0	25.70	AV	228.00	300	Horizontal	Pass
2	4019.131	49.57	74.0	24.43	Peak	265.00	200	Horizontal	Pass
2**	4019.131	34.36	54.0	19.64	AV	265.00	200	Horizontal	Pass
3	7597.357	51.12	74.0	22.88	Peak	10.00	200	Horizontal	Pass
3**	7597.357	41.18	54.0	12.82	AV	10.00	200	Horizontal	Pass
4	12457.861	56.33	74.0	17.67	Peak	120.00	300	Horizontal	Pass
4**	12457.861	41.99	54.0	12.01	AV	120.00	300	Horizontal	Pass
5	16098.991	52.51	74.0	21.49	Peak	142.00	400	Horizontal	Pass
5**	16098.991	45.14	54.0	8.86	AV	142.00	400	Horizontal	Pass
6	17420.535	59.04	74.0	14.96	Peak	105.00	400	Horizontal	Pass
6**	17420.535	45.89	54.0	8.11	AV	105.00	400	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	1329.689	46.99	74.0	27.01	Peak	31.00	100	Vertical	Pass
1**	1329.689	33.88	54.0	20.12	AV	31.00	100	Vertical	Pass
2	1438.326	42.48	74.0	31.52	Peak	324.00	200	Vertical	Pass
2**	1438.326	39.06	54.0	14.94	AV	324.00	200	Vertical	Pass
3	4307.677	47.18	74.0	26.82	Peak	19.00	200	Vertical	Pass
3**	4307.677	35.80	54.0	18.20	AV	19.00	200	Vertical	Pass
4	7593.415	54.48	74.0	19.52	Peak	83.00	200	Vertical	Pass
4**	7593.415	44.82	54.0	9.18	AV	83.00	200	Vertical	Pass
5	12537.317	50.87	74.0	23.13	Peak	264.00	400	Vertical	Pass
5**	12537.317	44.30	54.0	9.70	AV	264.00	400	Vertical	Pass
6	15906.089	55.12	74.0	18.88	Peak	332.00	400	Vertical	Pass
6**	15906.089	46.04	54.0	7.96	AV	332.00	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	1522.654	37.02	74.0	36.98	Peak	168.00	400	Horizontal	Pass
1**	1522.654	27.16	54.0	26.84	AV	168.00	400	Horizontal	Pass
2	4020.212	49.57	74.0	24.43	Peak	302.00	300	Horizontal	Pass
2**	4020.212	38.41	54.0	15.59	AV	302.00	300	Horizontal	Pass
3	7599.423	51.14	74.0	22.86	Peak	211.00	200	Horizontal	Pass
3**	7599.423	42.30	54.0	11.70	AV	211.00	200	Horizontal	Pass
4	12452.409	54.81	74.0	19.19	Peak	228.00	200	Horizontal	Pass
4**	12452.409	44.80	54.0	9.20	AV	228.00	200	Horizontal	Pass
5	16091.973	55.24	74.0	18.76	Peak	10.00	400	Horizontal	Pass
5**	16091.973	43.86	54.0	10.14	AV	10.00	400	Horizontal	Pass
6	17422.220	55.69	74.0	18.31	Peak	247.00	300	Horizontal	Pass
6**	17422.220	49.23	54.0	4.77	AV	247.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.779	42.78	74.0	31.22	Peak	8.00	200	Vertical	Pass
1**	1334.779	33.08	54.0	20.92	AV	8.00	200	Vertical	Pass
2	1442.914	41.12	74.0	32.88	Peak	222.00	100	Vertical	Pass
2**	1442.914	35.55	54.0	18.45	AV	222.00	100	Vertical	Pass
3	4311.911	49.29	74.0	24.71	Peak	128.00	200	Vertical	Pass
3**	4311.911	40.26	54.0	13.74	AV	128.00	200	Vertical	Pass
4	7594.062	50.97	74.0	23.03	Peak	126.00	300	Vertical	Pass
4**	7594.062	42.64	54.0	11.36	AV	126.00	300	Vertical	Pass
5	12537.228	51.44	74.0	22.56	Peak	44.00	200	Vertical	Pass
5**	12537.228	43.52	54.0	10.48	AV	44.00	200	Vertical	Pass
6	15909.828	55.91	74.0	18.09	Peak	162.00	200	Vertical	Pass
6**	15909.828	44.27	54.0	9.73	AV	162.00	200	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	1518.002	35.68	74.0	38.32	Peak	328.00	100	Horizontal	Pass
1**	1518.002	27.23	54.0	26.77	AV	328.00	100	Horizontal	Pass
2	4021.206	50.06	74.0	23.94	Peak	223.00	300	Horizontal	Pass
2**	4021.206	36.67	54.0	17.33	AV	223.00	300	Horizontal	Pass
3	7597.827	51.39	74.0	22.61	Peak	42.00	200	Horizontal	Pass
3**	7597.827	44.22	54.0	9.78	AV	42.00	200	Horizontal	Pass
4	12457.026	52.99	74.0	21.01	Peak	189.00	100	Horizontal	Pass
4**	12457.026	43.87	54.0	10.13	AV	189.00	100	Horizontal	Pass
5	16092.707	51.60	74.0	22.40	Peak	302.00	300	Horizontal	Pass
5**	16092.707	47.04	54.0	6.96	AV	302.00	300	Horizontal	Pass
6	17419.478	54.93	74.0	19.07	Peak	117.00	100	Horizontal	Pass
6**	17419.478	44.59	54.0	9.41	AV	117.00	100	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	1330.161	42.44	74.0	31.56	Peak	320.00	200	Vertical	Pass
1**	1330.161	31.70	54.0	22.30	AV	320.00	200	Vertical	Pass
2	1442.289	39.81	74.0	34.19	Peak	317.00	100	Vertical	Pass
2**	1442.289	39.50	54.0	14.50	AV	317.00	100	Vertical	Pass
3	4311.875	47.30	74.0	26.70	Peak	291.00	200	Vertical	Pass
3**	4311.875	41.00	54.0	13.00	AV	291.00	200	Vertical	Pass
4	7597.378	51.11	74.0	22.89	Peak	27.00	200	Vertical	Pass
4**	7597.378	43.08	54.0	10.92	AV	27.00	200	Vertical	Pass
5	12534.846	54.03	74.0	19.97	Peak	81.00	100	Vertical	Pass
5**	12534.846	46.58	54.0	7.42	AV	81.00	100	Vertical	Pass
6	15905.999	54.33	74.0	19.67	Peak	120.00	200	Vertical	Pass
6**	15905.999	47.70	54.0	6.30	AV	120.00	200	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	1524.111	36.18	74.0	37.82	Peak	80.00	400	Horizontal	Pass
1**	1524.111	29.73	54.0	24.27	AV	80.00	400	Horizontal	Pass
2	4021.832	46.02	74.0	27.98	Peak	325.00	100	Horizontal	Pass
2**	4021.832	37.49	54.0	16.51	AV	325.00	100	Horizontal	Pass
3	7601.079	53.30	74.0	20.70	Peak	272.00	200	Horizontal	Pass
3**	7601.079	46.11	54.0	7.89	AV	272.00	200	Horizontal	Pass
4	12456.400	55.15	74.0	18.85	Peak	358.00	400	Horizontal	Pass
4**	12456.400	46.96	54.0	7.04	AV	358.00	400	Horizontal	Pass
5	16094.699	54.84	74.0	19.16	Peak	205.00	300	Horizontal	Pass
5**	16094.699	43.74	54.0	10.26	AV	205.00	300	Horizontal	Pass
6	17420.268	55.79	74.0	18.21	Peak	165.00	300	Horizontal	Pass
6**	17420.268	49.99	54.0	4.01	AV	165.00	300	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	1337.309	41.77	74.0	32.23	Peak	332.00	300	Vertical	Pass
1**	1337.309	35.49	54.0	18.51	AV	332.00	300	Vertical	Pass
2	1442.024	43.55	74.0	30.45	Peak	123.00	200	Vertical	Pass
2**	1442.024	38.10	54.0	15.90	AV	123.00	200	Vertical	Pass
3	4308.602	49.01	74.0	24.99	Peak	305.00	200	Vertical	Pass
3**	4308.602	40.01	54.0	13.99	AV	305.00	200	Vertical	Pass
4	7592.751	55.50	74.0	18.50	Peak	59.00	100	Vertical	Pass
4**	7592.751	43.61	54.0	10.39	AV	59.00	100	Vertical	Pass
5	12536.185	53.58	74.0	20.42	Peak	86.00	300	Vertical	Pass
5**	12536.185	42.94	54.0	11.06	AV	86.00	300	Vertical	Pass
6	15904.858	57.12	74.0	16.88	Peak	113.00	400	Vertical	Pass
6**	15904.858	47.59	54.0	6.41	AV	113.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.980	35.61	74.0	38.39	Peak	324.00	100	Horizontal	Pass
1**	1522.980	26.71	54.0	27.29	AV	324.00	100	Horizontal	Pass
2	4019.036	48.82	74.0	25.18	Peak	61.00	100	Horizontal	Pass
2**	4019.036	34.34	54.0	19.66	AV	61.00	100	Horizontal	Pass
3	7599.806	51.09	74.0	22.91	Peak	173.00	200	Horizontal	Pass
3**	7599.806	40.63	54.0	13.37	AV	173.00	200	Horizontal	Pass
4	12459.128	52.50	74.0	21.50	Peak	236.00	300	Horizontal	Pass
4**	12459.128	41.55	54.0	12.45	AV	236.00	300	Horizontal	Pass
5	16093.120	51.29	74.0	22.71	Peak	256.00	400	Horizontal	Pass
5**	16093.120	44.43	54.0	9.57	AV	256.00	400	Horizontal	Pass
6	17419.682	55.33	74.0	18.67	Peak	187.00	400	Horizontal	Pass
6**	17419.682	48.49	54.0	5.51	AV	187.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.071	43.09	74.0	30.91	Peak	252.00	400	Vertical	Pass
1**	1332.071	35.20	54.0	18.80	AV	252.00	400	Vertical	Pass
2	1438.396	39.60	74.0	34.40	Peak	159.00	200	Vertical	Pass
2**	1438.396	38.39	54.0	15.61	AV	159.00	200	Vertical	Pass
3	4308.748	45.04	74.0	28.96	Peak	262.00	200	Vertical	Pass
3**	4308.748	40.12	54.0	13.88	AV	262.00	200	Vertical	Pass
4	7594.008	51.84	74.0	22.16	Peak	94.00	400	Vertical	Pass
4**	7594.008	41.78	54.0	12.22	AV	94.00	400	Vertical	Pass
5	12534.341	53.33	74.0	20.67	Peak	182.00	300	Vertical	Pass
5**	12534.341	45.96	54.0	8.04	AV	182.00	300	Vertical	Pass
6	15903.344	56.69	74.0	17.31	Peak	344.00	400	Vertical	Pass
6**	15903.344	43.37	54.0	10.63	AV	344.00	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	1519.626	35.26	74.0	38.74	Peak	270.00	300	Horizontal	Pass
1**	1519.626	29.96	54.0	24.04	AV	270.00	300	Horizontal	Pass
2	4019.263	48.69	74.0	25.31	Peak	318.00	100	Horizontal	Pass
2**	4019.263	38.70	54.0	15.30	AV	318.00	100	Horizontal	Pass
3	7595.982	52.64	74.0	21.36	Peak	105.00	200	Horizontal	Pass
3**	7595.982	43.55	54.0	10.45	AV	105.00	200	Horizontal	Pass
4	12453.598	52.95	74.0	21.05	Peak	55.00	200	Horizontal	Pass
4**	12453.598	45.21	54.0	8.79	AV	55.00	200	Horizontal	Pass
5	16095.273	53.38	74.0	20.62	Peak	114.00	100	Horizontal	Pass
5**	16095.273	45.02	54.0	8.98	AV	114.00	100	Horizontal	Pass
6	17415.668	56.24	74.0	17.76	Peak	165.00	400	Horizontal	Pass
6**	17415.668	50.11	54.0	3.89	AV	165.00	400	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	1336.785	45.23	74.0	28.77	Peak	101.00	300	Vertical	Pass
1**	1336.785	34.96	54.0	19.04	AV	101.00	300	Vertical	Pass
2	1440.149	44.09	74.0	29.91	Peak	7.00	300	Vertical	Pass
2**	1440.149	38.51	54.0	15.49	AV	7.00	300	Vertical	Pass
3	4314.475	47.54	74.0	26.46	Peak	293.00	200	Vertical	Pass
3**	4314.475	39.92	54.0	14.08	AV	293.00	200	Vertical	Pass
4	7590.514	51.13	74.0	22.87	Peak	315.00	200	Vertical	Pass
4**	7590.514	41.74	54.0	12.26	AV	315.00	200	Vertical	Pass
5	12531.169	56.11	74.0	17.89	Peak	332.00	400	Vertical	Pass
5**	12531.169	45.23	54.0	8.77	AV	332.00	400	Vertical	Pass
6	15908.005	57.18	74.0	16.82	Peak	23.00	200	Vertical	Pass
6**	15908.005	45.13	54.0	8.87	AV	23.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.075	37.21	74.0	36.79	Peak	294.00	300	Horizontal	Pass
1**	1523.075	28.21	54.0	25.79	AV	294.00	300	Horizontal	Pass
2	4023.111	44.24	74.0	29.76	Peak	326.00	200	Horizontal	Pass
2**	4023.111	38.19	54.0	15.81	AV	326.00	200	Horizontal	Pass
3	7595.298	52.68	74.0	21.32	Peak	164.00	200	Horizontal	Pass
3**	7595.298	43.68	54.0	10.32	AV	164.00	200	Horizontal	Pass
4	12454.038	53.29	74.0	20.71	Peak	33.00	200	Horizontal	Pass
4**	12454.038	41.80	54.0	12.20	AV	33.00	200	Horizontal	Pass
5	16091.952	55.44	74.0	18.56	Peak	171.00	200	Horizontal	Pass
5**	16091.952	47.20	54.0	6.80	AV	171.00	200	Horizontal	Pass
6	17423.479	58.09	74.0	15.91	Peak	115.00	300	Horizontal	Pass
6**	17423.479	48.29	54.0	5.71	AV	115.00	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	1332.633	44.43	74.0	29.57	Peak	262.00	400	Vertical	Pass
1**	1332.633	36.72	54.0	17.28	AV	262.00	400	Vertical	Pass
2	1443.212	41.04	74.0	32.96	Peak	145.00	200	Vertical	Pass
2**	1443.212	39.57	54.0	14.43	AV	145.00	200	Vertical	Pass
3	4313.181	49.11	74.0	24.89	Peak	34.00	200	Vertical	Pass
3**	4313.181	36.44	54.0	17.56	AV	34.00	200	Vertical	Pass
4	7597.135	52.09	74.0	21.91	Peak	220.00	200	Vertical	Pass
4**	7597.135	43.11	54.0	10.89	AV	220.00	200	Vertical	Pass
5	12532.459	53.71	74.0	20.29	Peak	204.00	400	Vertical	Pass
5**	12532.459	42.65	54.0	11.35	AV	204.00	400	Vertical	Pass
6	15907.993	51.75	74.0	22.25	Peak	265.00	400	Vertical	Pass
6**	15907.993	44.33	54.0	9.67	AV	265.00	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	1517.982	41.05	74.0	32.95	Peak	125.00	200	Horizontal	Pass
1**	1517.982	29.10	54.0	24.90	AV	125.00	200	Horizontal	Pass
2	4021.573	47.67	74.0	26.33	Peak	241.00	300	Horizontal	Pass
2**	4021.573	37.74	54.0	16.26	AV	241.00	300	Horizontal	Pass
3	7601.841	53.56	74.0	20.44	Peak	234.00	200	Horizontal	Pass
3**	7601.841	45.15	54.0	8.85	AV	234.00	200	Horizontal	Pass
4	12458.775	52.42	74.0	21.58	Peak	288.00	400	Horizontal	Pass
4**	12458.775	44.56	54.0	9.44	AV	288.00	400	Horizontal	Pass
5	16096.897	55.13	74.0	18.87	Peak	317.00	300	Horizontal	Pass
5**	16096.897	47.04	54.0	6.96	AV	317.00	300	Horizontal	Pass
6	17419.897	57.80	74.0	16.20	Peak	84.00	300	Horizontal	Pass
6**	17419.897	45.27	54.0	8.73	AV	84.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.019	45.51	74.0	28.49	Peak	17.00	400	Vertical	Pass
1**	1331.019	31.42	54.0	22.58	AV	17.00	400	Vertical	Pass
2	1437.923	44.17	74.0	29.83	Peak	180.00	400	Vertical	Pass
2**	1437.923	38.43	54.0	15.57	AV	180.00	400	Vertical	Pass
3	4309.172	49.66	74.0	24.34	Peak	195.00	200	Vertical	Pass
3**	4309.172	40.64	54.0	13.36	AV	195.00	200	Vertical	Pass
4	7593.621	53.58	74.0	20.42	Peak	252.00	300	Vertical	Pass
4**	7593.621	44.44	54.0	9.56	AV	252.00	300	Vertical	Pass
5	12535.518	51.07	74.0	22.93	Peak	49.00	300	Vertical	Pass
5**	12535.518	45.01	54.0	8.99	AV	49.00	300	Vertical	Pass
6	15905.630	53.79	74.0	20.21	Peak	311.00	400	Vertical	Pass
6**	15905.630	46.91	54.0	7.09	AV	311.00	400	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	1517.746	40.79	74.0	33.21	Peak	92.00	200	Horizontal	Pass
1**	1517.746	31.14	54.0	22.86	AV	92.00	200	Horizontal	Pass
2	4019.302	46.00	74.0	28.00	Peak	329.00	300	Horizontal	Pass
2**	4019.302	36.58	54.0	17.42	AV	329.00	300	Horizontal	Pass
3	7597.073	51.92	74.0	22.08	Peak	94.00	200	Horizontal	Pass
3**	7597.073	44.88	54.0	9.12	AV	94.00	200	Horizontal	Pass
4	12453.643	56.39	74.0	17.61	Peak	151.00	100	Horizontal	Pass
4**	12453.643	46.55	54.0	7.45	AV	151.00	100	Horizontal	Pass
5	16092.236	53.04	74.0	20.96	Peak	40.00	200	Horizontal	Pass
5**	16092.236	41.92	54.0	12.08	AV	40.00	200	Horizontal	Pass
6	17423.489	53.88	74.0	20.12	Peak	292.00	300	Horizontal	Pass
6**	17423.489	46.24	54.0	7.76	AV	292.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.104	43.27	74.0	30.73	Peak	38.00	300	Vertical	Pass
1**	1336.104	35.55	54.0	18.45	AV	38.00	300	Vertical	Pass
2	1443.998	42.64	74.0	31.36	Peak	343.00	300	Vertical	Pass
2**	1443.998	38.28	54.0	15.72	AV	343.00	300	Vertical	Pass
3	4311.050	45.85	74.0	28.15	Peak	182.00	200	Vertical	Pass
3**	4311.050	38.40	54.0	15.60	AV	182.00	200	Vertical	Pass
4	7591.434	52.73	74.0	21.27	Peak	197.00	200	Vertical	Pass
4**	7591.434	46.26	54.0	7.74	AV	197.00	200	Vertical	Pass
5	12537.385	51.80	74.0	22.20	Peak	59.00	200	Vertical	Pass
5**	12537.385	41.28	54.0	12.72	AV	59.00	200	Vertical	Pass
6	15907.046	53.36	74.0	20.64	Peak	131.00	300	Vertical	Pass
6**	15907.046	43.28	54.0	10.72	AV	131.00	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	1521.368	36.87	74.0	37.13	Peak	210.00	400	Horizontal	Pass
1**	1521.368	27.78	54.0	26.22	AV	210.00	400	Horizontal	Pass
2	4022.333	48.17	74.0	25.83	Peak	119.00	400	Horizontal	Pass
2**	4022.333	36.82	54.0	17.18	AV	119.00	400	Horizontal	Pass
3	7597.470	55.83	74.0	18.17	Peak	185.00	200	Horizontal	Pass
3**	7597.470	45.25	54.0	8.75	AV	185.00	200	Horizontal	Pass
4	12457.161	51.38	74.0	22.62	Peak	85.00	200	Horizontal	Pass
4**	12457.161	41.29	54.0	12.71	AV	85.00	200	Horizontal	Pass
5	16091.657	53.49	74.0	20.51	Peak	114.00	300	Horizontal	Pass
5**	16091.657	46.26	54.0	7.74	AV	114.00	300	Horizontal	Pass
6	17422.229	57.51	74.0	16.49	Peak	297.00	100	Horizontal	Pass
6**	17422.229	46.11	54.0	7.89	AV	297.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.003	43.22	74.0	30.78	Peak	330.00	300	Vertical	Pass
1**	1334.003	32.85	54.0	21.15	AV	330.00	300	Vertical	Pass
2	1440.007	42.52	74.0	31.48	Peak	205.00	400	Vertical	Pass
2**	1440.007	38.51	54.0	15.49	AV	205.00	400	Vertical	Pass
3	4311.757	48.58	74.0	25.42	Peak	99.00	200	Vertical	Pass
3**	4311.757	38.79	54.0	15.21	AV	99.00	200	Vertical	Pass
4	7593.405	53.76	74.0	20.24	Peak	41.00	400	Vertical	Pass
4**	7593.405	44.46	54.0	9.54	AV	41.00	400	Vertical	Pass
5	12532.172	52.70	74.0	21.30	Peak	232.00	300	Vertical	Pass
5**	12532.172	41.12	54.0	12.88	AV	232.00	300	Vertical	Pass
6	15907.034	54.80	74.0	19.20	Peak	246.00	100	Vertical	Pass
6**	15907.034	43.31	54.0	10.69	AV	246.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

	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	5076.828	55.63	74.0	18.37	Peak	275.00	100	Horizontal	Pass
1**	5076.828	42.7	54.0	11.30	AV	275.00	100	Horizontal	Pass
2	5150.000	53.74	74.0	20.26	Peak	290.00	300	Horizontal	Pass
2**	5150.000	42.77	54.0	11.23	AV	290.00	300	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.14	74.0	20.86	Peak	192.00	100	Horizontal	Pass
1**	5350.000	44.02	54.0	9.98	AV	192.00	100	Horizontal	Pass
2	5422.884	55.23	74.0	18.77	Peak	149.00	100	Horizontal	Pass
2**	5422.884	44.75	54.0	9.25	AV	149.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.496	55.92	74.0	18.08	Peak	166.00	200	Horizontal	Pass
1**	5077.496	45.87	54.0	8.13	AV	166.00	200	Horizontal	Pass
2	5150.000	52.9	74.0	21.10	Peak	206.00	300	Horizontal	Pass
2**	5150.000	46.18	54.0	7.82	AV	206.00	300	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.33	74.0	20.67	Peak	263.00	200	Horizontal	Pass
1**	5350.000	43.41	54.0	10.59	AV	263.00	200	Horizontal	Pass
2	5421.939	58.05	74.0	15.95	Peak	312.00	200	Horizontal	Pass
2**	5421.939	44.21	54.0	9.79	AV	312.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.585	57.47	74.0	16.53	Peak	220.00	100	Horizontal	Pass
1**	5076.585	44.4	54.0	9.60	AV	220.00	100	Horizontal	Pass
2	5150.000	53.57	74.0	20.43	Peak	74.00	200	Horizontal	Pass
2**	5150.000	44.04	54.0	9.96	AV	74.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	74.0	17.81	Peak	187.00	100	Horizontal	Pass
1**	5350.000	42.68	54.0	11.32	AV	187.00	100	Horizontal	Pass
2	5424.494	57.33	74.0	16.67	Peak	22.00	300	Horizontal	Pass
2**	5424.494	45.23	54.0	8.77	AV	22.00	300	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.877	54.41	74.0	19.59	Peak	180.00	300	Horizontal	Pass
1**	5077.877	45.86	54.0	8.14	AV	180.00	300	Horizontal	Pass
2	5150.000	52.31	74.0	21.69	Peak	65.00	300	Horizontal	Pass
2**	5150.000	43.46	54.0	10.54	AV	65.00	300	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.3	74.0	19.70	Peak	330.00	200	Horizontal	Pass
1**	5350.000	42.71	54.0	11.29	AV	330.00	200	Horizontal	Pass
2	5421.930	57.4	74.0	16.60	Peak	105.00	300	Horizontal	Pass
2**	5421.930	43.99	54.0	10.01	AV	105.00	300	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.556	56.47	74.0	17.53	Peak	220.00	300	Horizontal	Pass
1**	5076.556	44.66	54.0	9.34	AV	220.00	300	Horizontal	Pass
2	5150.000	52.35	74.0	21.65	Peak	157.00	100	Horizontal	Pass
2**	5150.000	43.26	54.0	10.74	AV	157.00	100	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.7	74.0	19.30	Peak	146.00	100	Horizontal	Pass
1**	5350.000	42.68	54.0	11.32	AV	146.00	100	Horizontal	Pass
2	5424.092	55.56	74.0	18.44	Peak	174.00	200	Horizontal	Pass
2**	5424.092	46.9	54.0	7.10	AV	174.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.646	57.72	74.0	16.28	Peak	239.00	200	Horizontal	Pass
1**	5077.646	43.94	54.0	10.06	AV	239.00	200	Horizontal	Pass
2	5150.000	55.66	74.0	18.34	Peak	293.00	200	Horizontal	Pass
2**	5150.000	43.7	54.0	10.30	AV	293.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.73	74.0	21.27	Peak	351.00	100	Horizontal	Pass
1**	5350.000	46.11	54.0	7.89	AV	351.00	100	Horizontal	Pass
2	5422.872	57.34	74.0	16.66	Peak	210.00	200	Horizontal	Pass
2**	5422.872	46.45	54.0	7.55	AV	210.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.742	58.01	74.0	15.99	Peak	199.00	200	Horizontal	Pass
1**	4997.742	44.23	54.0	9.77	AV	199.00	200	Horizontal	Pass
2	5150.000	54.83	74.0	19.17	Peak	213.00	200	Horizontal	Pass
2**	5150.000	44.37	54.0	9.63	AV	213.00	200	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.12	74.0	20.88	Peak	310.00	200	Horizontal	Pass
1**	5350.000	44.34	54.0	9.66	AV	310.00	200	Horizontal	Pass
2	5460.102	55.4	74.0	18.60	Peak	236.00	200	Horizontal	Pass
2**	5460.102	44.2	54.0	9.80	AV	236.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.245	57.64	74.0	16.36	Peak	102.00	100	Horizontal	Pass
1**	4996.245	43.32	54.0	10.68	AV	102.00	100	Horizontal	Pass
2	5150.000	54.3	74.0	19.70	Peak	226.00	300	Horizontal	Pass
2**	5150.000	46.12	54.0	7.88	AV	226.00	300	Horizontal	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.03	74.0	20.97	Peak	232.00	300	Horizontal	Pass
1**	5350.000	45.86	54.0	8.14	AV	232.00	300	Horizontal	Pass
2	5460.092	56.99	74.0	17.01	Peak	101.00	300	Horizontal	Pass
2**	5460.092	43.51	54.0	10.49	AV	101.00	300	Horizontal	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.427	57	74.0	17.00	Peak	274.00	100	Horizontal	Pass
1**	4997.427	43.08	54.0	10.92	AV	274.00	100	Horizontal	Pass
2	5150.000	54.68	74.0	19.32	Peak	344.00	300	Horizontal	Pass
2**	5150.000	45.41	54.0	8.59	AV	344.00	300	Horizontal	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.7	74.0	17.30	Peak	297.00	100	Horizontal	Pass
1**	5350.000	44.37	54.0	9.63	AV	297.00	100	Horizontal	Pass
2	5460.310	55.41	74.0	18.59	Peak	162.00	200	Horizontal	Pass
2**	5460.310	43.61	54.0	10.39	AV	162.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.809	57.87	74.0	16.13	Peak	318.00	100	Horizontal	Pass
1**	4997.809	43.71	54.0	10.29	AV	318.00	100	Horizontal	Pass
2	5150.000	52.12	74.0	21.88	Peak	146.00	200	Horizontal	Pass
2**	5150.000	42.93	54.0	11.07	AV	146.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.73	74.0	20.27	Peak	48.00	200	Horizontal	Pass
1**	5350.000	46.54	54.0	7.46	AV	48.00	200	Horizontal	Pass
2	5459.710	56.18	74.0	17.82	Peak	193.00	300	Horizontal	Pass
2**	5459.710	44.74	54.0	9.26	AV	193.00	300	Horizontal	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.854	55.2	74.0	18.80	Peak	10.00	300	Horizontal	Pass
1**	4997.854	43.59	54.0	10.41	AV	10.00	300	Horizontal	Pass
2	5150.000	53.04	74.0	20.96	Peak	190.00	200	Horizontal	Pass
2**	5150.000	45.89	54.0	8.11	AV	190.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.88	74.0	17.12	Peak	204.00	100	Horizontal	Pass
1**	5350.000	43.43	54.0	10.57	AV	204.00	100	Horizontal	Pass
2	5459.293	55.56	74.0	18.44	Peak	116.00	100	Horizontal	Pass
2**	5459.293	45.58	54.0	8.42	AV	116.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4995.939	54.64	74.0	19.36	Peak	81.00	200	Horizontal	Pass
1**	4995.939	42.48	54.0	11.52	AV	81.00	200	Horizontal	Pass
2	5150.000	53.04	74.0	20.96	Peak	318.00	100	Horizontal	Pass
2**	5150.000	42.97	54.0	11.03	AV	318.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.72	74.0	19.28	Peak	277.00	100	Horizontal	Pass
1**	5350.000	44.46	54.0	9.54	AV	277.00	100	Horizontal	Pass
2	5461.803	56.58	74.0	17.42	Peak	246.00	200	Horizontal	Pass
2**	5461.803	44.9	54.0	9.10	AV	246.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.415	55.46	74.0	18.54	Peak	270.00	300	Horizontal	Pass
1**	5412.340	45.93	54.0	8.07	AV	270.00	300	Horizontal	Pass
2	5460.000	54.4	74.0	19.60	Peak	100.00	300	Horizontal	Pass
2**	5460.000	45.63	54.0	8.37	AV	100.00	300	Horizontal	Pass
3	5467.547	55.89	68.2	12.31	Peak	98.00	300	Horizontal	Pass
3**	5466.292	45.96	--	--	AV	98.00	300	Horizontal	N/A
4	5470.000	54.29	68.2	13.91	Peak	107.00	200	Horizontal	Pass
4**	5470.000	46.26	--	--	AV	107.00	200	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.72	68.2	13.48	Peak	20.00	100	Horizontal	Pass
2	5777.309	58.29	68.2	9.91	Peak	360.00	300	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.245	56.35	74.0	17.65	Peak	77.00	300	Horizontal	Pass
1**	5412.725	44.02	54.0	9.98	AV	77.00	300	Horizontal	Pass
2	5460.000	55.94	74.0	18.06	Peak	246.00	300	Horizontal	Pass
2**	5460.000	44.32	54.0	9.68	AV	246.00	300	Horizontal	Pass
3	5466.355	55.04	68.2	13.16	Peak	273.00	200	Horizontal	Pass
3**	5468.390	44.49	--	--	AV	273.00	200	Horizontal	N/A
4	5470.000	54.14	68.2	14.06	Peak	350.00	100	Horizontal	Pass
4**	5470.000	44.18	--	--	AV	350.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	53.46	68.2	14.74	Peak	165.00	200	Horizontal	Pass
2	5775.261	57.73	68.2	10.47	Peak	60.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.415	57.79	74.0	16.21	Peak	360.00	300	Horizontal	Pass
1**	5413.079	42.87	54.0	11.13	AV	360.00	300	Horizontal	Pass
2	5460.000	53.81	74.0	20.19	Peak	52.00	200	Horizontal	Pass
2**	5460.000	47.58	54.0	6.42	AV	52.00	200	Horizontal	Pass
3	5468.216	56.81	68.2	11.39	Peak	31.00	200	Horizontal	Pass
3**	5468.659	44.96	--	--	AV	31.00	200	Horizontal	N/A
4	5470.000	54.42	68.2	13.78	Peak	175.00	100	Horizontal	Pass
4**	5470.000	47.62	--	--	AV	175.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.88	68.2	11.32	Peak	276.00	100	Horizontal	Pass
2	5775.610	57.31	68.2	10.89	Peak	16.00	300	Horizontal	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.828	56.24	74.0	17.76	Peak	59.00	300	Horizontal	Pass
1**	5411.247	44.08	54.0	9.92	AV	59.00	300	Horizontal	Pass
2	5460.000	57.35	74.0	16.65	Peak	16.00	300	Horizontal	Pass
2**	5460.000	46.59	54.0	7.41	AV	16.00	300	Horizontal	Pass
3	5467.880	55.77	68.2	12.43	Peak	213.00	200	Horizontal	Pass
3**	5467.544	47.86	--	--	AV	213.00	200	Horizontal	N/A
4	5470.000	56.53	68.2	11.67	Peak	317.00	300	Horizontal	Pass
4**	5470.000	44.92	--	--	AV	317.00	300	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.95	68.2	12.25	Peak	261.00	300	Horizontal	Pass
2	5776.552	56.04	68.2	12.16	Peak	341.00	300	Horizontal	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.481	56.15	74.0	17.85	Peak	21.00	200	Horizontal	Pass
1**	5412.196	42.9	54.0	11.10	AV	21.00	200	Horizontal	Pass
2	5460.000	54.68	74.0	19.32	Peak	59.00	300	Horizontal	Pass
2**	5460.000	45.03	54.0	8.97	AV	59.00	300	Horizontal	Pass
3	5467.792	56.47	68.2	11.73	Peak	56.00	200	Horizontal	Pass
3**	5466.546	48.08	--	--	AV	56.00	200	Horizontal	N/A
4	5470.000	53.96	68.2	14.24	Peak	305.00	200	Horizontal	Pass
4**	5470.000	47.08	--	--	AV	305.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.15	68.2	14.05	Peak	59.00	300	Horizontal	Pass
2	5777.132	55.96	68.2	12.24	Peak	19.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.980	56.03	74.0	17.97	Peak	238.00	300	Horizontal	Pass
1**	5410.644	45.41	54.0	8.59	AV	238.00	300	Horizontal	Pass
2	5460.000	56.27	74.0	17.73	Peak	147.00	300	Horizontal	Pass
2**	5460.000	46.1	54.0	7.90	AV	147.00	300	Horizontal	Pass
3	5466.146	57.33	68.2	10.87	Peak	356.00	200	Horizontal	Pass
3**	5466.985	46.27	--	--	AV	356.00	200	Horizontal	N/A
4	5470.000	56.26	68.2	11.94	Peak	49.00	200	Horizontal	Pass
4**	5470.000	47.83	--	--	AV	49.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.7	68.2	12.50	Peak	241.00	100	Horizontal	Pass
2	5775.832	58.72	68.2	9.48	Peak	3.00	100	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.262	57.3	68.2	10.90	Peak	339.00	100	Horizontal	Pass
2	5650.000	52.74	68.2	15.46	Peak	339.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.78	68.2	12.42	Peak	232.00	200	Horizontal	Pass
2	5944.284	56.49	68.2	11.71	Peak	12.00	300	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.147	55.85	68.2	12.35	Peak	3.00	200	Horizontal	Pass
2	5650.000	52.2	68.2	16.00	Peak	3.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.11	68.2	12.09	Peak	158.00	100	Horizontal	Pass
2	5945.025	56.4	68.2	11.80	Peak	297.00	300	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.728	56.05	68.2	12.15	Peak	341.00	100	Horizontal	Pass
2	5650.000	50.18	68.2	18.02	Peak	341.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.86	68.2	11.34	Peak	129.00	200	Horizontal	Pass
2	5945.628	54.59	68.2	13.61	Peak	306.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.186	54.97	68.2	13.23	Peak	132.00	100	Horizontal	Pass
2	5650.000	47.82	68.2	20.38	Peak	132.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.37	68.2	10.83	Peak	82.00	200	Horizontal	Pass
2	5946.726	54.44	68.2	13.76	Peak	267.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.672	53.2	68.2	15.00	Peak	27.00	100	Horizontal	Pass
2	5650.000	45.28	68.2	22.92	Peak	27.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.53	68.2	12.67	Peak	237.00	300	Horizontal	Pass
2	5948.060	53.59	68.2	14.61	Peak	107.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.591	51.4	68.2	16.80	Peak	11.00	100	Horizontal	Pass
2	5650.000	46.04	68.2	22.16	Peak	11.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.86	68.2	13.34	Peak	340.00	300	Horizontal	Pass
2	5949.191	53.26	68.2	14.94	Peak	2.00	300	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2570845-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2570845-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2570845-AI.PDF”.

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