

TEST REPORT

Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China
Equipment Type: Mobile Phone
Model Name: CPH2815
Brand Name: OPPO
FCC ID: R9C-OP25255
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Aug. 19, 2025
Test Date: Aug. 31, 2025 - Sep. 21, 2025
Date of Issue: Oct. 20, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** He Yuyang**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Oct. 20, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

2.2 Manufacturer Information

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2815
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS 15.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	/
IMEI Number	/

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8/6/19 4G Network FDD LTE Band 1/2/3/4/5/7/8/13/18/19/26/28/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80) GNSS
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
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: 48.53 mW U-NII-2A: 60.81 mW U-NII-2C: 50.70 mW U-NII-3: 61.66 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -0.2 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.2 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.8 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.8 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.

2.5 Channel List

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

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

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)/be(EHT20)

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

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

For 802.11n(HT40)/ac(VHT40)/ax(HE40)/be(EHT40)

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

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

For 802.11ac(VHT80)/ax(HE80)/be(EHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

Note ³:

Compared with the EUT of test report BL-SZ2580928-604, the changes of the EUT of this report as below:

1. Different Front Camera.
2. Different power adapter designs.
3. Different batteries.
4. Different models.
5. Different USB cable.

Other hardware circuit and software are the same as EUT referred in test report BL-SZ2580928-604.

Therefore, in addition to the above differences, all test data and EUT information are derived from the report BL-SZ2580928-604, by Shenzhen BALUN Technology Co., Ltd. on Sep, 30, 2025.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 67%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.2℃ to +25.9℃
Working Voltage of the EUT	NV (Normal Voltage)	3.92V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	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
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%

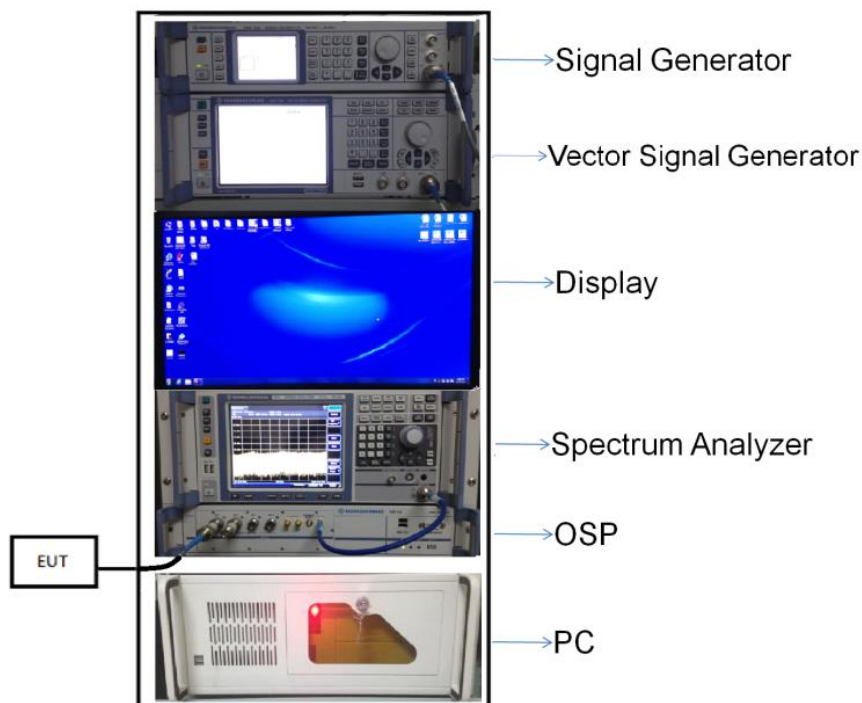
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

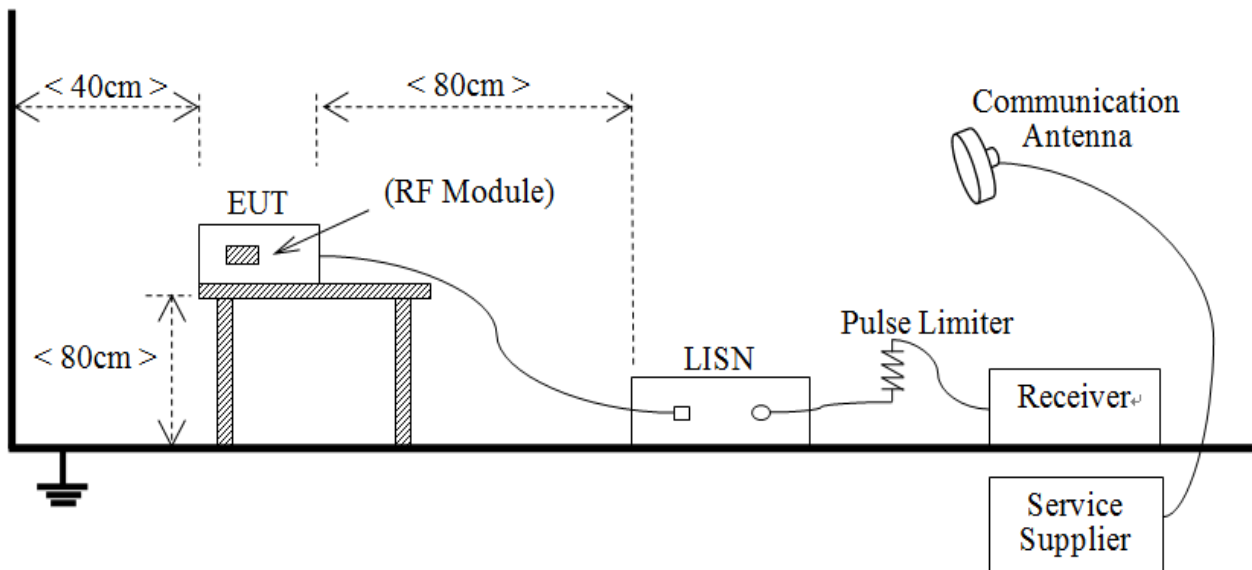
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



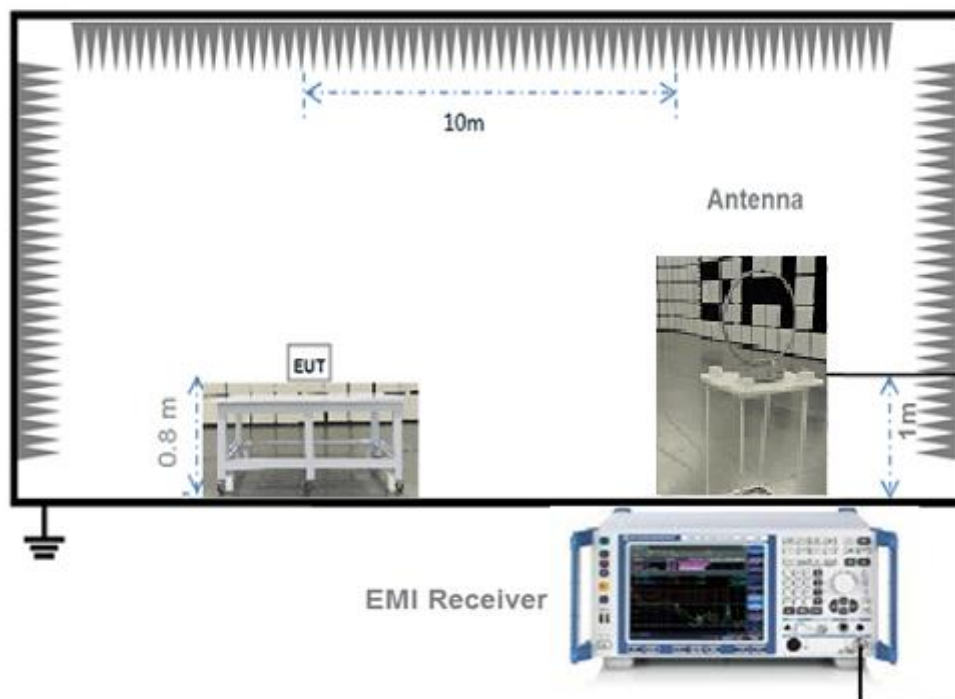
(Diagram 1)

4.5.2 For AC Power Supply Port Test



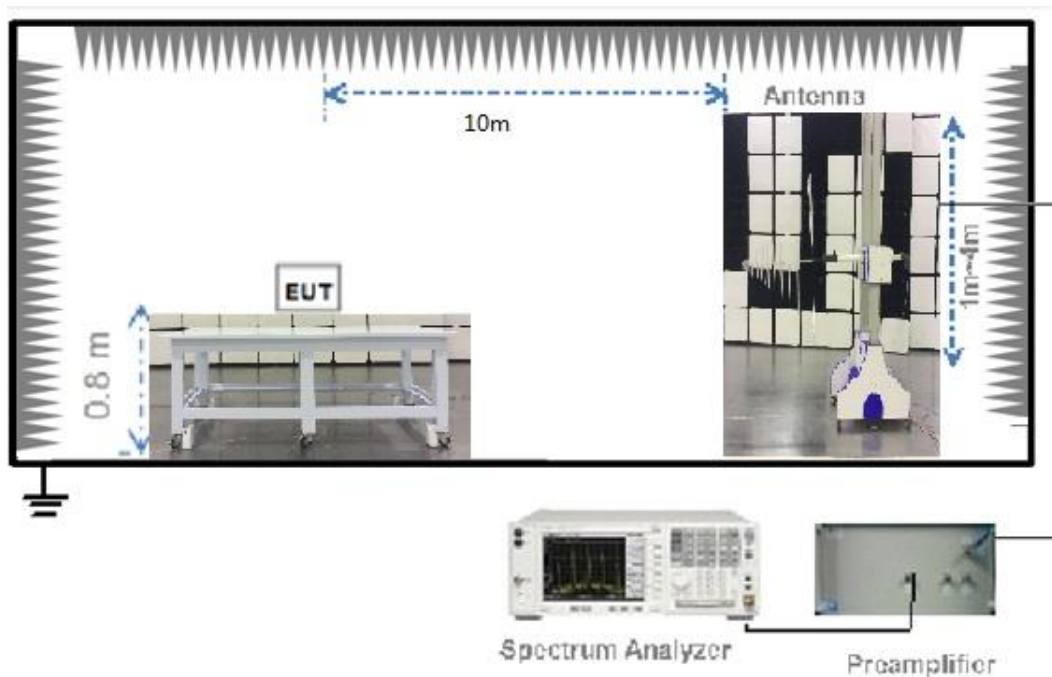
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



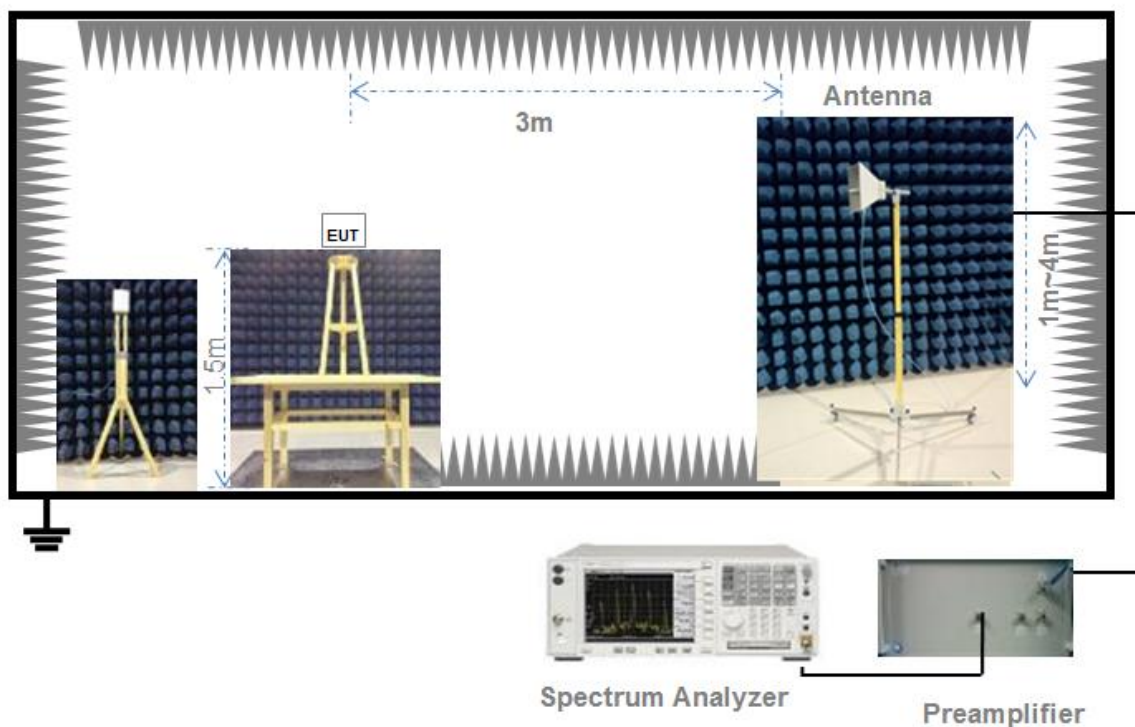
(Diagram 3)

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

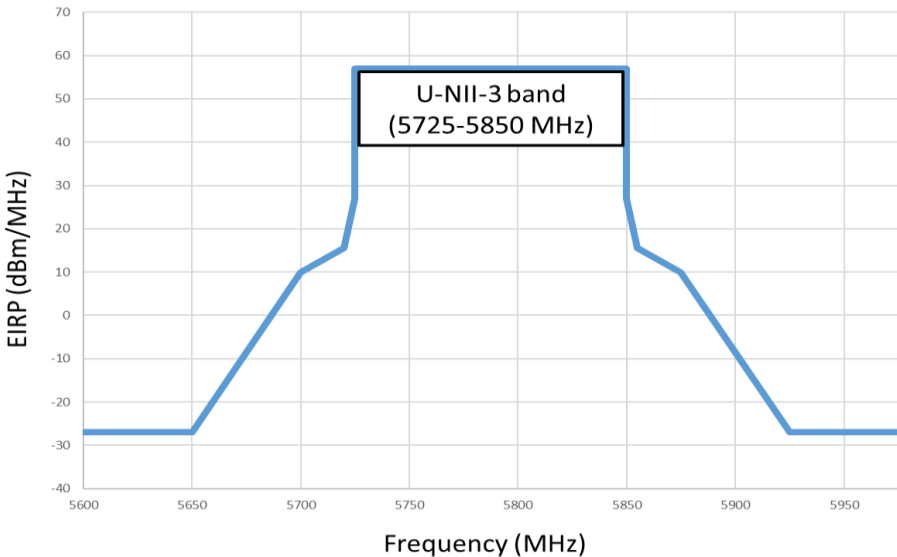
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note 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	2.20	2.24	98.35%	0.07
11n(HT20)	2.05	2.09	98.18%	0.08
11n(HT40)	1.00	1.04	96.44%	0.16
11ac(VHT20)	2.06	2.09	98.23%	0.08
11ac(VHT40)	1.01	1.05	96.47%	0.16
11ac(VHT80)	0.49	0.52	93.10%	0.31

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.09	40.64	250	Pass
11a	CH44	16.53	44.98	250	Pass
11a	CH48	16.86	48.53	250	Pass
11n(HT20)	CH36	15.78	37.84	250	Pass
11n(HT20)	CH44	16.41	43.75	250	Pass
11n(HT20)	CH48	16.74	47.21	250	Pass
11n(HT40)	CH38	12.22	16.67	250	Pass
11n(HT40)	CH46	12.92	19.59	250	Pass
11ac(VHT20)	CH36	15.90	38.90	250	Pass
11ac(VHT20)	CH44	16.45	44.16	250	Pass
11ac(VHT20)	CH48	16.77	47.53	250	Pass
11ac(VHT40)	CH38	12.28	16.90	250	Pass
11ac(VHT40)	CH46	12.99	19.91	250	Pass
11ac(VHT80)	CH42	10.27	10.64	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.67	58.48	250	Pass
11a	CH60	17.84	60.81	250	Pass
11a	CH64	15.00	31.62	250	Pass
11n(HT20)	CH52	17.49	56.10	250	Pass
11n(HT20)	CH60	17.65	58.21	250	Pass
11n(HT20)	CH64	14.84	30.48	250	Pass
11n(HT40)	CH54	16.66	46.34	250	Pass
11n(HT40)	CH62	13.79	23.93	250	Pass
11ac(VHT20)	CH52	17.48	55.98	250	Pass
11ac(VHT20)	CH60	17.59	57.41	250	Pass
11ac(VHT20)	CH64	14.76	29.92	250	Pass
11ac(VHT40)	CH54	16.54	45.08	250	Pass
11ac(VHT40)	CH62	13.28	21.28	250	Pass
11ac(VHT80)	CH58	8.90	7.76	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.58	45.50	250	Pass
11a	CH116	15.46	35.16	250	Pass
11a	CH140	16.44	44.06	250	Pass
11n(HT20)	CH100	15.42	34.83	250	Pass
11n(HT20)	CH116	15.34	34.20	250	Pass
11n(HT20)	CH140	16.34	43.05	250	Pass
11n(HT40)	CH102	14.54	28.44	250	Pass
11n(HT40)	CH118	16.30	42.66	250	Pass
11n(HT40)	CH134	17.04	50.58	250	Pass
11ac(VHT20)	CH100	15.47	35.24	250	Pass
11ac(VHT20)	CH116	15.40	34.67	250	Pass
11ac(VHT20)	CH140	16.48	44.46	250	Pass
11ac(VHT40)	CH102	14.54	28.44	250	Pass
11ac(VHT40)	CH118	16.30	42.66	250	Pass
11ac(VHT40)	CH134	17.05	50.70	250	Pass
11ac(VHT80)	CH106	11.91	15.52	250	Pass
11ac(VHT80)	CH122	11.79	15.10	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.90	61.66	1000	Pass
11a	CH157	17.63	57.94	1000	Pass
11a	CH165	16.92	49.20	1000	Pass
11n(HT20)	CH149	17.79	60.12	1000	Pass
11n(HT20)	CH157	17.45	55.59	1000	Pass
11n(HT20)	CH165	16.64	46.13	1000	Pass
11n(HT40)	CH151	16.43	43.95	1000	Pass
11n(HT40)	CH159	16.08	40.55	1000	Pass
11ac(VHT20)	CH149	17.78	59.98	1000	Pass
11ac(VHT20)	CH157	17.42	55.21	1000	Pass
11ac(VHT20)	CH165	16.58	45.50	1000	Pass
11ac(VHT40)	CH151	16.33	42.95	1000	Pass
11ac(VHT40)	CH159	15.99	39.72	1000	Pass
11ac(VHT80)	CH155	16.70	46.77	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2580929-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.23	16.39
11a	CH44	21.41	16.41
11a	CH48	21.12	16.39
11n(HT20)	CH36	21.77	17.58
11n(HT20)	CH44	21.70	17.59
11n(HT20)	CH48	21.70	17.57
11n(HT40)	CH38	40.53	36.03
11n(HT40)	CH46	40.35	35.99
11ac(VHT20)	CH36	21.10	17.57
11ac(VHT20)	CH44	21.28	17.58
11ac(VHT20)	CH48	21.72	17.57
11ac(VHT40)	CH38	40.17	36.03
11ac(VHT40)	CH46	40.43	36.00
11ac(VHT80)	CH42	81.23	75.42

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.62	16.40
11a	CH60	20.41	16.40
11a	CH64	21.29	16.37
11n(HT20)	CH52	21.15	17.58
11n(HT20)	CH60	21.10	17.57
11n(HT20)	CH64	21.36	17.58
11n(HT40)	CH54	40.40	36.02
11n(HT40)	CH62	40.43	35.97
11ac(VHT20)	CH52	21.34	17.58
11ac(VHT20)	CH60	21.09	17.57
11ac(VHT20)	CH64	21.48	17.57
11ac(VHT40)	CH54	40.67	35.98
11ac(VHT40)	CH62	40.27	35.99
11ac(VHT80)	CH58	81.36	75.42

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.61	16.36
11a	CH116	20.78	16.36
11a	CH140	19.89	16.35
11n(HT20)	CH100	21.08	17.57
11n(HT20)	CH116	21.66	17.57
11n(HT20)	CH140	20.92	17.56
11n(HT40)	CH102	40.67	36.00
11n(HT40)	CH118	40.46	35.97
11n(HT40)	CH134	40.06	35.99
11ac(VHT20)	CH100	21.22	17.56
11ac(VHT20)	CH116	21.36	17.56
11ac(VHT20)	CH140	20.83	17.55
11ac(VHT40)	CH102	40.34	36.00
11ac(VHT40)	CH118	40.36	35.99
11ac(VHT40)	CH134	40.07	36.01
11ac(VHT80)	CH106	81.40	75.30
11ac(VHT80)	CH122	81.05	75.30

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.67	16.42
11a	CH157	20.62	16.42
11a	CH165	20.27	16.37
11n(HT20)	CH149	21.63	17.61
11n(HT20)	CH157	21.48	17.59
11n(HT20)	CH165	20.91	17.56
11n(HT40)	CH151	40.72	35.99
11n(HT40)	CH159	40.30	36.02
11ac(VHT20)	CH149	21.14	17.61
11ac(VHT20)	CH157	21.09	17.61
11ac(VHT20)	CH165	21.11	17.58
11ac(VHT40)	CH151	40.64	36.05
11ac(VHT40)	CH159	40.46	36.02
11ac(VHT80)	CH155	100.40	75.77

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ258092-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	13.90	500.00	Pass
11a	CH157	12.65	500.00	Pass
11a	CH165	12.70	500.00	Pass
11n(HT20)	CH149	12.65	500.00	Pass
11n(HT20)	CH157	15.15	500.00	Pass
11n(HT20)	CH165	11.40	500.00	Pass
11n(HT40)	CH151	30.20	500.00	Pass
11n(HT40)	CH159	33.90	500.00	Pass
11ac(VHT20)	CH149	12.65	500.00	Pass
11ac(VHT20)	CH157	15.15	500.00	Pass
11ac(VHT20)	CH165	15.20	500.00	Pass
11ac(VHT40)	CH151	33.90	500.00	Pass
11ac(VHT40)	CH159	33.90	500.00	Pass
11ac(VHT80)	CH155	70.10	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2580929-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	6.57	11.00	Pass
11a	CH44	7.02	11.00	Pass
11a	CH48	7.37	11.00	Pass
11n(HT20)	CH36	6.05	11.00	Pass
11n(HT20)	CH44	6.69	11.00	Pass
11n(HT20)	CH48	6.99	11.00	Pass
11n(HT40)	CH38	-0.43	11.00	Pass
11n(HT40)	CH46	0.38	11.00	Pass
11ac(VHT20)	CH36	6.15	11.00	Pass
11ac(VHT20)	CH44	6.70	11.00	Pass
11ac(VHT20)	CH48	7.03	11.00	Pass
11ac(VHT40)	CH38	-0.32	11.00	Pass
11ac(VHT40)	CH46	0.39	11.00	Pass
11ac(VHT80)	CH42	-5.28	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	8.04	11.00	Pass
11a	CH60	8.22	11.00	Pass
11a	CH64	5.48	11.00	Pass
11n(HT20)	CH52	7.73	11.00	Pass
11n(HT20)	CH60	7.89	11.00	Pass
11n(HT20)	CH64	5.09	11.00	Pass
11n(HT40)	CH54	4.01	11.00	Pass
11n(HT40)	CH62	1.19	11.00	Pass
11ac(VHT20)	CH52	7.74	11.00	Pass
11ac(VHT20)	CH60	7.79	11.00	Pass
11ac(VHT20)	CH64	4.92	11.00	Pass
11ac(VHT40)	CH54	3.88	11.00	Pass
11ac(VHT40)	CH62	0.64	11.00	Pass
11ac(VHT80)	CH58	-6.69	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	7.06	11.00	Pass
11a	CH116	6.00	11.00	Pass
11a	CH140	6.85	11.00	Pass
11n(HT20)	CH100	5.80	11.00	Pass
11n(HT20)	CH116	5.67	11.00	Pass
11n(HT20)	CH140	6.53	11.00	Pass
11n(HT40)	CH102	2.07	11.00	Pass
11n(HT40)	CH118	3.82	11.00	Pass
11n(HT40)	CH134	4.45	11.00	Pass
11ac(VHT20)	CH100	5.85	11.00	Pass
11ac(VHT20)	CH116	5.77	11.00	Pass
11ac(VHT20)	CH140	6.67	11.00	Pass
11ac(VHT40)	CH102	1.98	11.00	Pass
11ac(VHT40)	CH118	3.79	11.00	Pass
11ac(VHT40)	CH134	4.40	11.00	Pass
11ac(VHT80)	CH106	-3.68	11.00	Pass
11ac(VHT80)	CH122	-3.86	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	5.85	30.00	Pass
11a	CH157	5.54	30.00	Pass
11a	CH165	4.85	30.00	Pass
11n(HT20)	CH149	5.42	30.00	Pass
11n(HT20)	CH157	5.24	30.00	Pass
11n(HT20)	CH165	4.40	30.00	Pass
11n(HT40)	CH151	0.95	30.00	Pass
11n(HT40)	CH159	0.98	30.00	Pass
11ac(VHT20)	CH149	5.36	30.00	Pass
11ac(VHT20)	CH157	5.17	30.00	Pass
11ac(VHT20)	CH165	4.44	30.00	Pass
11ac(VHT40)	CH151	0.96	30.00	Pass
11ac(VHT40)	CH159	0.78	30.00	Pass
11ac(VHT80)	CH155	-1.77	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.

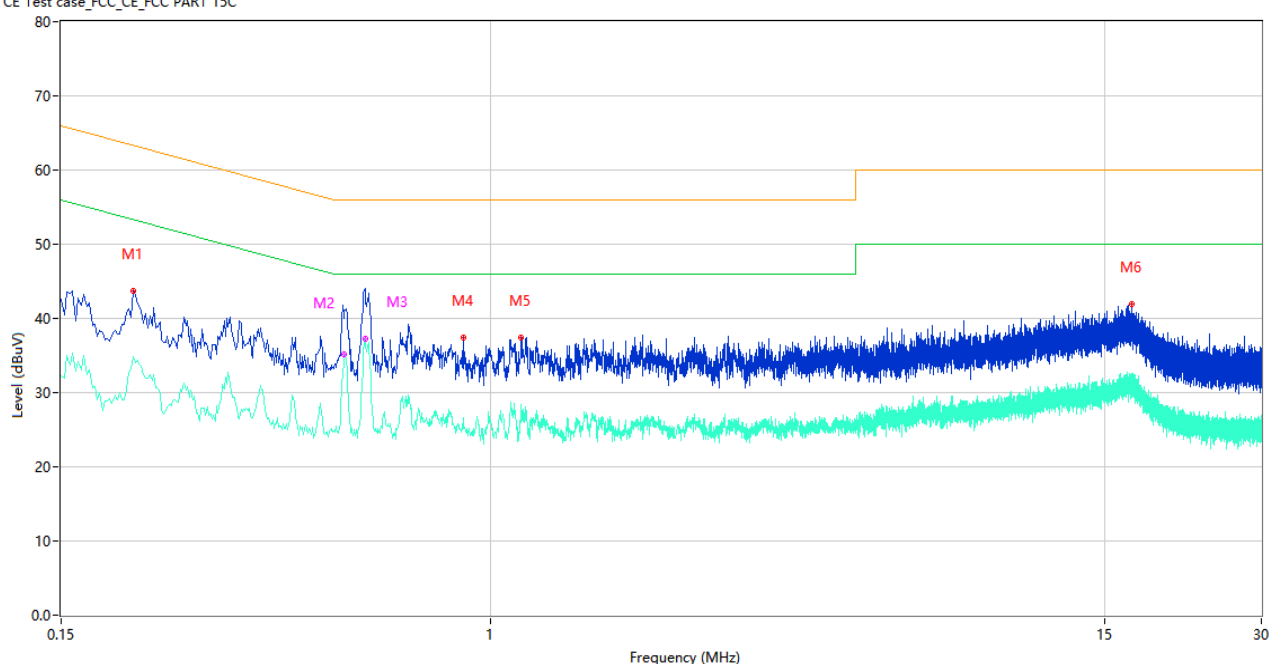
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

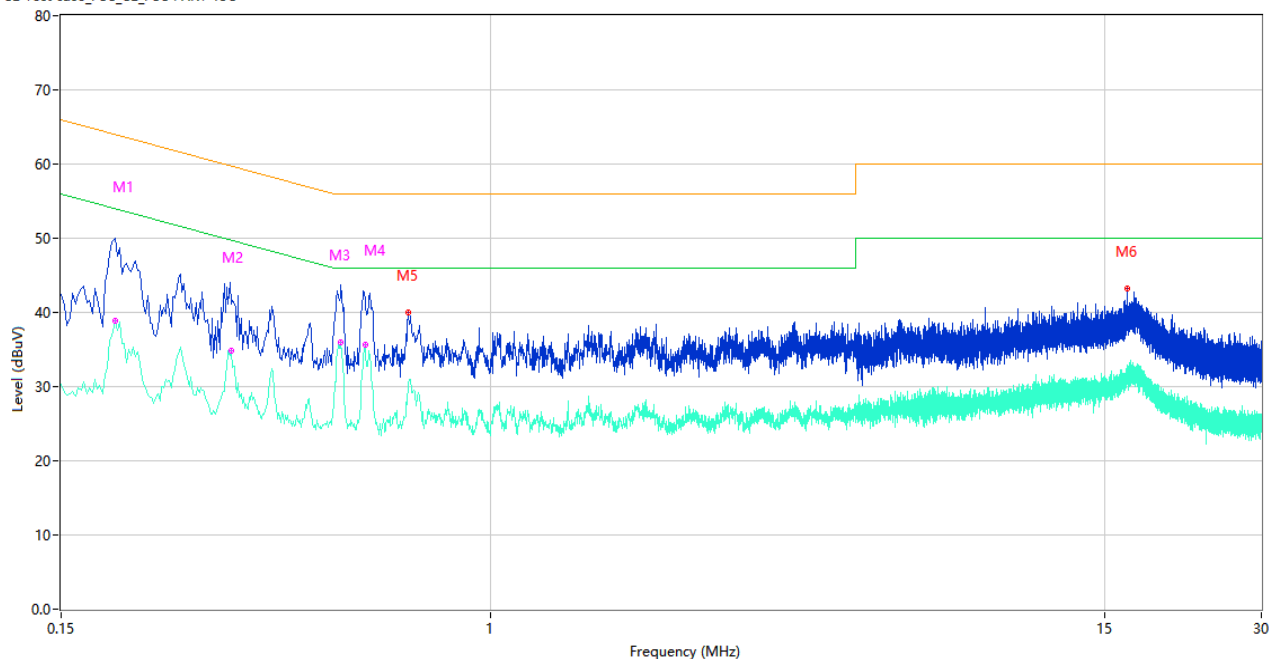
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.206	43.66	9.84	63.37	19.71	Peak	L	Pass
1**	0.206	34.89	9.84	53.37	18.48	AV	L	Pass
2	0.524	41.08	10.06	56.00	14.92	Peak	L	Pass
2**	0.524	35.22	10.06	46.00	10.78	AV	L	Pass
3	0.574	43.98	10.15	56.00	12.02	Peak	L	Pass
3**	0.574	37.30	10.15	46.00	8.70	AV	L	Pass
4	0.888	37.38	10.35	56.00	18.62	Peak	L	Pass
4**	0.888	25.23	10.35	46.00	20.77	AV	L	Pass
5	1.142	37.40	10.41	56.00	18.60	Peak	L	Pass
5**	1.142	28.37	10.41	46.00	17.63	AV	L	Pass
6	16.968	41.97	10.79	60.00	18.03	Peak	L	Pass
6**	16.968	31.38	10.79	50.00	18.62	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	0.190	50.04	9.84	64.04	14.00	Peak	N	Pass
1**	0.190	38.80	9.84	54.04	15.24	AV	N	Pass
2	0.318	41.18	10.18	59.76	18.58	Peak	N	Pass
2**	0.318	34.89	10.18	49.76	14.87	AV	N	Pass
3	0.514	42.11	10.05	56.00	13.89	Peak	N	Pass
3**	0.514	36.01	10.05	46.00	9.99	AV	N	Pass
4	0.574	41.83	10.15	56.00	14.17	Peak	N	Pass
4**	0.574	35.58	10.15	46.00	10.42	AV	N	Pass
5	0.694	39.92	10.66	56.00	16.08	Peak	N	Pass
5**	0.694	29.24	10.66	46.00	16.76	AV	N	Pass
6	16.592	43.30	11.04	60.00	16.70	Peak	N	Pass
6**	16.592	31.94	11.04	50.00	18.06	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 C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

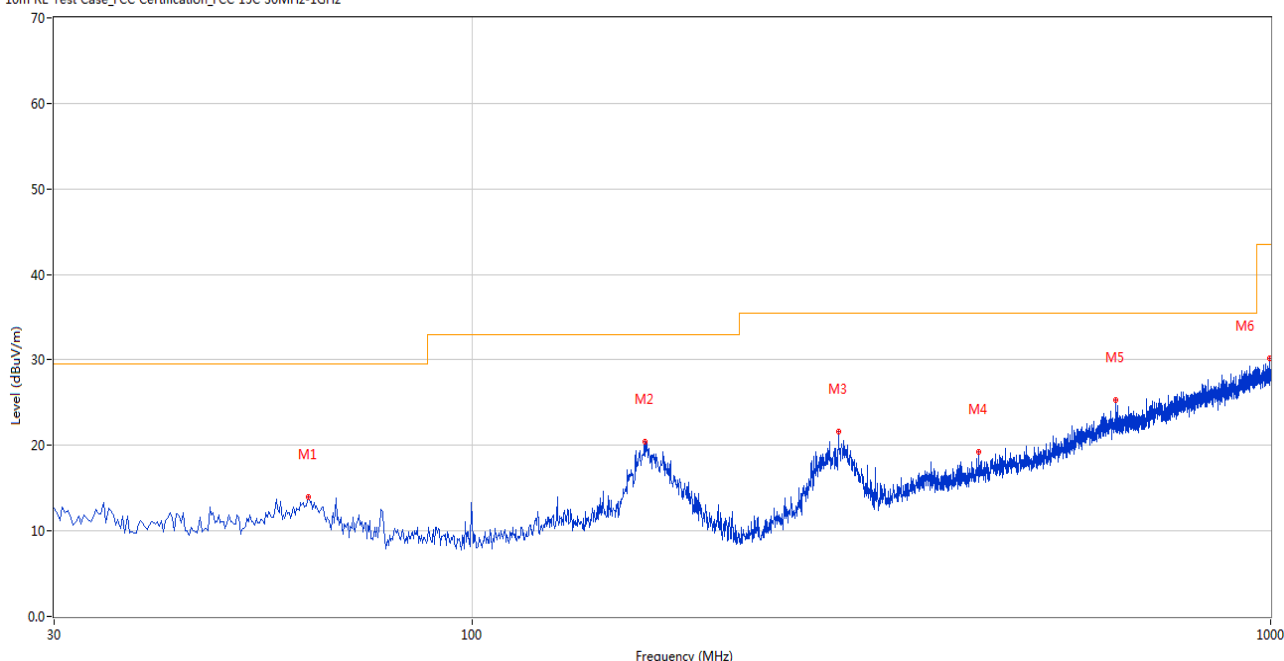
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

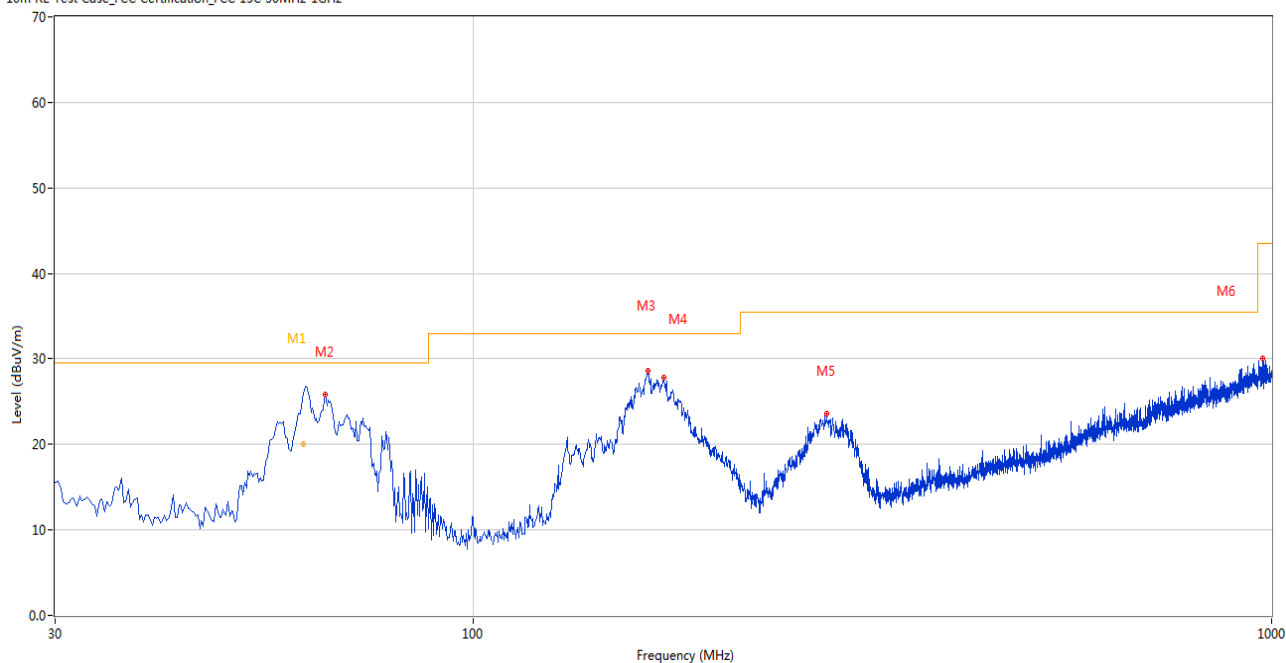
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.487	13.99	-27.69	29.5	15.51	Peak	7.00	100	Horizontal	Pass
2	164.554	20.41	-26.23	33.0	12.59	Peak	291.00	200	Horizontal	Pass
3	287.956	21.65	-25.91	35.5	13.85	Peak	139.00	200	Horizontal	Pass
4	430.995	19.30	-21.79	35.5	16.20	Peak	101.00	200	Horizontal	Pass
5	639.250	25.35	-16.21	35.5	10.15	Peak	64.00	100	Horizontal	Pass
6	997.818	30.20	-9.11	43.5	13.30	Peak	0.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.331	22.87	-27.63	29.5	6.63	Peak	259.00	101	Vertical	N/A
1*	61.331	20.04	-27.63	29.5	9.46	QP	259.00	101	Vertical	Pass
2	65.396	25.81	-28.34	29.5	3.69	Peak	221.00	100	Vertical	Pass
3	165.766	28.59	-26.22	33.0	4.41	Peak	243.00	100	Vertical	Pass
4	173.282	27.86	-27.16	33.0	5.14	Peak	275.00	100	Vertical	Pass
5	277.288	23.61	-26.25	35.5	11.89	Peak	248.00	100	Vertical	Pass
6	973.574	30.04	-9.38	43.5	13.46	Peak	20.00	200	Vertical	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	1533.600	37.97	74.0	36.03	Peak	327.00	200	Horizontal	Pass
1**	1533.600	28.86	54.0	25.14	AV	327.00	200	Horizontal	Pass
2	3884.500	48.08	74.0	25.92	Peak	47.00	400	Horizontal	Pass
2**	3884.500	37.50	54.0	16.50	AV	47.00	400	Horizontal	Pass
3	5179.000	108.63	--	--	Peak	227.00	200	Horizontal	N/A
3**	5179.000	102.12	--	--	AV	227.00	200	Horizontal	N/A
4	7354.500	53.24	74.0	20.76	Peak	266.00	100	Horizontal	Pass
4**	7354.500	44.68	54.0	9.32	AV	266.00	100	Horizontal	Pass
5	12460.013	53.78	74.0	20.22	Peak	360.00	150	Horizontal	Pass
5**	12460.013	44.58	54.0	9.42	AV	360.00	150	Horizontal	Pass
6	15895.012	54.51	74.0	19.49	Peak	183.00	200	Horizontal	Pass
6**	15895.012	45.55	54.0	8.45	AV	183.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.200	39.91	74.0	34.09	Peak	149.00	200	Vertical	Pass
1**	1495.200	33.85	54.0	20.15	AV	149.00	200	Vertical	Pass
2	4326.000	47.86	74.0	26.14	Peak	325.00	100	Vertical	Pass
2**	4326.000	37.95	54.0	16.05	AV	325.00	100	Vertical	Pass
3	5180.250	98.76	--	--	Peak	246.00	150	Vertical	N/A
3**	5180.250	91.75	--	--	AV	246.00	150	Vertical	N/A
4	7645.750	53.03	74.0	20.97	Peak	266.00	300	Vertical	Pass
4**	7645.750	44.99	54.0	9.01	AV	266.00	300	Vertical	Pass
5	12492.787	53.32	74.0	20.68	Peak	288.00	150	Vertical	Pass
5**	12492.787	44.94	54.0	9.06	AV	288.00	150	Vertical	Pass
6	15881.625	54.27	74.0	19.73	Peak	341.00	100	Vertical	Pass
6**	15881.625	44.67	54.0	9.33	AV	341.00	100	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	1539.200	38.59	74.0	35.41	Peak	331.00	300	Horizontal	Pass
1**	1539.200	28.89	54.0	25.11	AV	331.00	300	Horizontal	Pass
2	4060.250	47.93	74.0	26.07	Peak	167.00	400	Horizontal	Pass
2**	4060.250	37.51	54.0	16.49	AV	167.00	400	Horizontal	Pass
3	5215.250	109.46	--	--	Peak	227.00	200	Horizontal	N/A
3**	5215.250	101.63	--	--	AV	227.00	200	Horizontal	N/A
4	7601.750	53.04	74.0	20.96	Peak	167.00	100	Horizontal	Pass
4**	7601.750	43.98	54.0	10.02	AV	167.00	100	Horizontal	Pass
5	12506.087	53.71	74.0	20.29	Peak	254.00	200	Horizontal	Pass
5**	12506.087	44.46	54.0	9.54	AV	254.00	200	Horizontal	Pass
6	16156.463	54.10	74.0	19.90	Peak	256.00	200	Horizontal	Pass
6**	16156.463	44.37	54.0	9.63	AV	256.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	40.64	74.0	33.36	Peak	149.00	200	Vertical	Pass
1**	1497.700	29.04	54.0	24.96	AV	149.00	200	Vertical	Pass
2	4034.750	47.71	74.0	26.29	Peak	49.00	100	Vertical	Pass
2**	4034.750	38.13	54.0	15.87	AV	49.00	100	Vertical	Pass
3	5221.000	98.76	--	--	Peak	225.00	100	Vertical	N/A
3**	5221.000	92.30	--	--	AV	225.00	100	Vertical	N/A
4	7355.500	53.81	74.0	20.19	Peak	28.00	200	Vertical	Pass
4**	7355.500	44.23	54.0	9.77	AV	28.00	200	Vertical	Pass
5	12406.575	53.21	74.0	20.79	Peak	135.00	100	Vertical	Pass
5**	12406.575	43.81	54.0	10.19	AV	135.00	100	Vertical	Pass
6	16118.400	54.49	74.0	19.51	Peak	341.00	100	Vertical	Pass
6**	16118.400	44.76	54.0	9.24	AV	341.00	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	1623.200	39.20	74.0	34.80	Peak	151.00	200	Horizontal	Pass
1**	1623.200	29.14	54.0	24.86	AV	151.00	200	Horizontal	Pass
2	4340.750	47.22	74.0	26.78	Peak	360.00	300	Horizontal	Pass
2**	4340.750	38.13	54.0	15.87	AV	360.00	300	Horizontal	Pass
3	5239.250	109.24	--	--	Peak	224.00	200	Horizontal	N/A
3**	5239.250	102.59	--	--	AV	224.00	200	Horizontal	N/A
4	7646.000	53.48	74.0	20.52	Peak	360.00	200	Horizontal	Pass
4**	7646.000	44.17	54.0	9.83	AV	360.00	200	Horizontal	Pass
5	12451.463	53.43	74.0	20.57	Peak	105.00	100	Horizontal	Pass
5**	12451.463	44.14	54.0	9.86	AV	105.00	100	Horizontal	Pass
6	16125.750	54.38	74.0	19.62	Peak	217.00	200	Horizontal	Pass
6**	16125.750	44.87	54.0	9.13	AV	217.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	39.99	74.0	34.01	Peak	172.00	100	Vertical	Pass
1**	1493.300	30.08	54.0	23.92	AV	172.00	100	Vertical	Pass
2	4274.000	47.36	74.0	26.64	Peak	360.00	400	Vertical	Pass
2**	4274.000	37.95	54.0	16.05	AV	360.00	400	Vertical	Pass
3	5239.000	98.61	--	--	Peak	49.00	100	Vertical	N/A
3**	5239.000	91.38	--	--	AV	49.00	100	Vertical	N/A
4	7648.000	53.75	74.0	20.25	Peak	206.00	100	Vertical	Pass
4**	7648.000	44.69	54.0	9.31	AV	206.00	100	Vertical	Pass
5	12490.888	53.82	74.0	20.18	Peak	33.00	100	Vertical	Pass
5**	12490.888	44.42	54.0	9.58	AV	33.00	100	Vertical	Pass
6	16124.963	54.95	74.0	19.05	Peak	45.00	400	Vertical	Pass
6**	16124.963	45.14	54.0	8.86	AV	45.00	400	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	1626.300	38.36	74.0	35.64	Peak	130.00	300	Horizontal	Pass
1**	1626.300	29.49	54.0	24.51	AV	130.00	300	Horizontal	Pass
2	4209.500	47.13	74.0	26.87	Peak	107.00	100	Horizontal	Pass
2**	4209.500	37.82	54.0	16.18	AV	107.00	100	Horizontal	Pass
3	5181.000	109.11	--	--	Peak	225.00	100	Horizontal	N/A
3**	5181.000	102.54	--	--	AV	225.00	100	Horizontal	N/A
4	7599.500	53.05	74.0	20.95	Peak	285.00	300	Horizontal	Pass
4**	7599.500	44.45	54.0	9.55	AV	285.00	300	Horizontal	Pass
5	12470.462	52.99	74.0	21.01	Peak	91.00	100	Horizontal	Pass
5**	12470.462	45.02	54.0	8.98	AV	91.00	100	Horizontal	Pass
6	16121.026	54.52	74.0	19.48	Peak	188.00	100	Horizontal	Pass
6**	16121.026	45.06	54.0	8.94	AV	188.00	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	1496.000	40.78	74.0	33.22	Peak	166.00	400	Vertical	Pass
1**	1496.000	31.94	54.0	22.06	AV	166.00	400	Vertical	Pass
2	4250.250	47.89	74.0	26.11	Peak	47.00	300	Vertical	Pass
2**	4250.250	38.73	54.0	15.27	AV	47.00	300	Vertical	Pass
3	5179.000	98.58	--	--	Peak	227.00	100	Vertical	N/A
3**	5179.000	91.13	--	--	AV	227.00	100	Vertical	N/A
4	7581.250	53.54	74.0	20.46	Peak	166.00	200	Vertical	Pass
4**	7581.250	44.06	54.0	9.94	AV	166.00	200	Vertical	Pass
5	12465.950	53.66	74.0	20.34	Peak	84.00	100	Vertical	Pass
5**	12465.950	44.89	54.0	9.11	AV	84.00	100	Vertical	Pass
6	16135.987	54.74	74.0	19.26	Peak	229.00	400	Vertical	Pass
6**	16135.987	45.68	54.0	8.32	AV	229.00	400	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	1493.900	38.22	74.0	35.78	Peak	320.00	100	Horizontal	Pass
1**	1493.900	28.10	54.0	25.90	AV	320.00	100	Horizontal	Pass
2	4392.500	47.20	74.0	26.80	Peak	88.00	100	Horizontal	Pass
2**	4392.500	37.75	54.0	16.25	AV	88.00	100	Horizontal	Pass
3	5221.500	109.48	--	--	Peak	246.00	150	Horizontal	N/A
3**	5221.500	102.36	--	--	AV	246.00	150	Horizontal	N/A
4	7711.750	53.05	74.0	20.95	Peak	0.00	100	Horizontal	Pass
4**	7711.750	43.41	54.0	10.59	AV	0.00	100	Horizontal	Pass
5	12476.162	53.14	74.0	20.86	Peak	50.00	200	Horizontal	Pass
5**	12476.162	44.46	54.0	9.54	AV	50.00	200	Horizontal	Pass
6	16100.287	54.24	74.0	19.76	Peak	181.00	100	Horizontal	Pass
6**	16100.287	44.88	54.0	9.12	AV	181.00	100	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	1493.600	40.25	74.0	33.75	Peak	149.00	300	Vertical	Pass
1**	1493.600	29.66	54.0	24.34	AV	149.00	300	Vertical	Pass
2	4118.000	47.08	74.0	26.92	Peak	10.00	300	Vertical	Pass
2**	4118.000	37.59	54.0	16.41	AV	10.00	300	Vertical	Pass
3	5221.250	98.95	--	--	Peak	227.00	200	Vertical	N/A
3**	5221.250	92.09	--	--	AV	227.00	200	Vertical	N/A
4	7592.500	53.13	74.0	20.87	Peak	266.00	200	Vertical	Pass
4**	7592.500	44.74	54.0	9.26	AV	266.00	200	Vertical	Pass
5	12468.799	53.20	74.0	20.80	Peak	360.00	150	Vertical	Pass
5**	12468.799	43.82	54.0	10.18	AV	360.00	150	Vertical	Pass
6	16101.075	54.53	74.0	19.47	Peak	37.00	300	Vertical	Pass
6**	16101.075	45.46	54.0	8.54	AV	37.00	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	1496.300	39.25	74.0	34.75	Peak	331.00	200	Horizontal	Pass
1**	1496.300	28.80	54.0	25.20	AV	331.00	200	Horizontal	Pass
2	4386.750	47.55	74.0	26.45	Peak	0.00	100	Horizontal	Pass
2**	4386.750	37.58	54.0	16.42	AV	0.00	100	Horizontal	Pass
3	5239.250	109.54	--	--	Peak	227.00	200	Horizontal	N/A
3**	5239.250	102.86	--	--	AV	227.00	200	Horizontal	N/A
4	7642.750	53.38	74.0	20.62	Peak	167.00	300	Horizontal	Pass
4**	7642.750	44.15	54.0	9.85	AV	167.00	300	Horizontal	Pass
5	12496.113	53.34	74.0	20.66	Peak	338.00	150	Horizontal	Pass
5**	12496.113	44.78	54.0	9.22	AV	338.00	150	Horizontal	Pass
6	15679.500	54.24	74.0	19.76	Peak	82.00	400	Horizontal	Pass
6**	15679.500	44.33	54.0	9.67	AV	82.00	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	1498.200	40.88	74.0	33.12	Peak	95.00	400	Vertical	Pass
1**	1498.200	31.08	54.0	22.92	AV	95.00	400	Vertical	Pass
2	4216.500	48.13	74.0	25.87	Peak	0.00	100	Vertical	Pass
2**	4216.500	38.31	54.0	15.69	AV	0.00	100	Vertical	Pass
3	5238.500	98.79	--	--	Peak	49.00	200	Vertical	N/A
3**	5238.500	90.81	--	--	AV	49.00	200	Vertical	N/A
4	7604.250	52.82	74.0	21.18	Peak	360.00	300	Vertical	Pass
4**	7604.250	44.41	54.0	9.59	AV	360.00	300	Vertical	Pass
5	12500.150	53.44	74.0	20.56	Peak	219.00	200	Vertical	Pass
5**	12500.150	44.72	54.0	9.28	AV	219.00	200	Vertical	Pass
6	16127.849	54.25	74.0	19.75	Peak	60.00	100	Vertical	Pass
6**	16127.849	45.09	54.0	8.91	AV	60.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.600	38.86	74.0	35.14	Peak	309.00	100	Horizontal	Pass
1**	1541.600	27.99	54.0	26.01	AV	309.00	100	Horizontal	Pass
2	4262.000	47.73	74.0	26.27	Peak	150.00	400	Horizontal	Pass
2**	4262.000	37.75	54.0	16.25	AV	150.00	400	Horizontal	Pass
3	5191.250	104.44	--	--	Peak	227.00	200	Horizontal	N/A
3**	5191.250	96.47	--	--	AV	227.00	200	Horizontal	N/A
4	7434.250	53.46	74.0	20.54	Peak	247.00	300	Horizontal	Pass
4**	7434.250	43.57	54.0	10.43	AV	247.00	300	Horizontal	Pass
5	12496.349	53.96	74.0	20.04	Peak	205.00	200	Horizontal	Pass
5**	12496.349	44.63	54.0	9.37	AV	205.00	200	Horizontal	Pass
6	16077.712	54.31	74.0	19.69	Peak	0.00	400	Horizontal	Pass
6**	16077.712	45.05	54.0	8.95	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	41.79	74.0	32.21	Peak	94.00	400	Vertical	Pass
1**	1497.700	31.19	54.0	22.81	AV	94.00	400	Vertical	Pass
2	4359.750	47.39	74.0	26.61	Peak	51.00	300	Vertical	Pass
2**	4359.750	37.99	54.0	16.01	AV	51.00	300	Vertical	Pass
3	5191.750	93.34	--	--	Peak	51.00	150	Vertical	N/A
3**	5191.750	85.05	--	--	AV	51.00	150	Vertical	N/A
4	7494.750	52.96	74.0	21.04	Peak	227.00	100	Vertical	Pass
4**	7494.750	44.11	54.0	9.89	AV	227.00	100	Vertical	Pass
5	12471.412	53.59	74.0	20.41	Peak	307.00	200	Vertical	Pass
5**	12471.412	44.62	54.0	9.38	AV	307.00	200	Vertical	Pass
6	15883.201	54.75	74.0	19.25	Peak	52.00	400	Vertical	Pass
6**	15883.201	44.52	54.0	9.48	AV	52.00	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	1455.300	38.57	74.0	35.43	Peak	18.00	200	Horizontal	Pass
1**	1455.300	28.94	54.0	25.06	AV	18.00	200	Horizontal	Pass
2	4234.000	46.80	74.0	27.20	Peak	155.00	200	Horizontal	Pass
2**	4234.000	38.01	54.0	15.99	AV	155.00	200	Horizontal	Pass
3	5231.750	108.51	--	--	Peak	233.00	100	Horizontal	N/A
3**	5231.750	100.49	--	--	AV	233.00	100	Horizontal	N/A
4	7633.250	53.67	74.0	20.33	Peak	77.00	400	Horizontal	Pass
4**	7633.250	43.84	54.0	10.16	AV	77.00	400	Horizontal	Pass
5	12481.625	53.42	74.0	20.58	Peak	186.00	150	Horizontal	Pass
5**	12481.625	43.84	54.0	10.16	AV	186.00	150	Horizontal	Pass
6	16123.912	54.24	74.0	19.76	Peak	39.00	200	Horizontal	Pass
6**	16123.912	45.53	54.0	8.47	AV	39.00	200	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	1499.200	43.09	74.0	30.91	Peak	157.00	300	Vertical	Pass
1**	1499.200	29.54	54.0	24.46	AV	157.00	300	Vertical	Pass
2	4330.750	46.78	74.0	27.22	Peak	235.00	300	Vertical	Pass
2**	4330.750	37.54	54.0	16.46	AV	235.00	300	Vertical	Pass
3	5233.000	97.30	--	--	Peak	58.00	100	Vertical	N/A
3**	5233.000	90.31	--	--	AV	58.00	100	Vertical	N/A
4	7436.000	54.03	74.0	19.97	Peak	0.00	400	Vertical	Pass
4**	7436.000	42.80	54.0	11.20	AV	0.00	400	Vertical	Pass
5	12477.112	53.55	74.0	20.45	Peak	122.00	100	Vertical	Pass
5**	12477.112	44.14	54.0	9.86	AV	122.00	100	Vertical	Pass
6	16077.450	54.63	74.0	19.37	Peak	189.00	300	Vertical	Pass
6**	16077.450	44.88	54.0	9.12	AV	189.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.200	38.72	74.0	35.28	Peak	121.00	300	Horizontal	Pass
1**	1612.200	29.23	54.0	24.77	AV	121.00	300	Horizontal	Pass
2	4349.750	47.07	74.0	26.93	Peak	166.00	200	Horizontal	Pass
2**	4349.750	39.31	54.0	14.69	AV	166.00	200	Horizontal	Pass
3	5181.250	109.72	--	--	Peak	246.00	200	Horizontal	N/A
3**	5181.250	102.48	--	--	AV	246.00	200	Horizontal	N/A
4	7368.000	53.39	74.0	20.61	Peak	0.00	300	Horizontal	Pass
4**	7368.000	44.89	54.0	9.11	AV	0.00	300	Horizontal	Pass
5	12520.337	53.75	74.0	20.25	Peak	302.00	100	Horizontal	Pass
5**	12520.337	43.92	54.0	10.08	AV	302.00	100	Horizontal	Pass
6	16100.025	54.40	74.0	19.60	Peak	151.00	300	Horizontal	Pass
6**	16100.025	44.68	54.0	9.32	AV	151.00	300	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	1494.400	40.62	74.0	33.38	Peak	113.00	200	Vertical	Pass
1**	1494.400	28.36	54.0	25.64	AV	113.00	200	Vertical	Pass
2	4399.750	47.18	74.0	26.82	Peak	227.00	300	Vertical	Pass
2**	4399.750	38.67	54.0	15.33	AV	227.00	300	Vertical	Pass
3	5178.750	99.09	--	--	Peak	247.00	100	Vertical	N/A
3**	5178.750	90.72	--	--	AV	247.00	100	Vertical	N/A
4	7364.750	53.33	74.0	20.67	Peak	8.00	100	Vertical	Pass
4**	7364.750	44.01	54.0	9.99	AV	8.00	100	Vertical	Pass
5	12473.312	53.17	74.0	20.83	Peak	135.00	100	Vertical	Pass
5**	12473.312	44.79	54.0	9.21	AV	135.00	100	Vertical	Pass
6	15891.075	54.36	74.0	19.64	Peak	115.00	300	Vertical	Pass
6**	15891.075	45.46	54.0	8.54	AV	115.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.100	38.45	74.0	35.55	Peak	0.00	100	Horizontal	Pass
1**	1605.100	29.53	54.0	24.47	AV	0.00	100	Horizontal	Pass
2	4241.250	47.52	74.0	26.48	Peak	45.00	100	Horizontal	Pass
2**	4241.250	38.23	54.0	15.77	AV	45.00	100	Horizontal	Pass
3	5219.250	108.86	--	--	Peak	246.00	150	Horizontal	N/A
3**	5219.250	102.62	--	--	AV	246.00	150	Horizontal	N/A
4	7485.500	53.06	74.0	20.94	Peak	145.00	300	Horizontal	Pass
4**	7485.500	44.79	54.0	9.21	AV	145.00	300	Horizontal	Pass
5	12438.875	53.28	74.0	20.72	Peak	285.00	100	Horizontal	Pass
5**	12438.875	43.90	54.0	10.10	AV	285.00	100	Horizontal	Pass
6	15432.750	54.81	74.0	19.19	Peak	286.00	300	Horizontal	Pass
6**	15432.750	43.92	54.0	10.08	AV	286.00	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	1494.700	41.24	74.0	32.76	Peak	95.00	400	Vertical	Pass
1**	1494.700	31.24	54.0	22.76	AV	95.00	400	Vertical	Pass
2	4077.750	47.12	74.0	26.88	Peak	88.00	400	Vertical	Pass
2**	4077.750	37.87	54.0	16.13	AV	88.00	400	Vertical	Pass
3	5219.000	98.89	--	--	Peak	247.00	100	Vertical	N/A
3**	5219.000	91.56	--	--	AV	247.00	100	Vertical	N/A
4	7307.000	53.42	74.0	20.58	Peak	346.00	300	Vertical	Pass
4**	7307.000	43.47	54.0	10.53	AV	346.00	300	Vertical	Pass
5	12458.350	53.40	74.0	20.60	Peak	356.00	200	Vertical	Pass
5**	12458.350	43.63	54.0	10.37	AV	356.00	200	Vertical	Pass
6	15641.700	53.90	74.0	20.10	Peak	360.00	300	Vertical	Pass
6**	15641.700	44.59	54.0	9.41	AV	360.00	300	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	1527.000	38.38	74.0	35.62	Peak	266.00	400	Horizontal	Pass
1**	1527.000	28.72	54.0	25.28	AV	266.00	400	Horizontal	Pass
2	4364.500	47.46	74.0	26.54	Peak	0.00	300	Horizontal	Pass
2**	4364.500	37.07	54.0	16.93	AV	0.00	300	Horizontal	Pass
3	5239.250	109.06	--	--	Peak	265.00	100	Horizontal	N/A
3**	5239.250	102.93	--	--	AV	265.00	100	Horizontal	N/A
4	7312.500	52.88	74.0	21.12	Peak	304.00	300	Horizontal	Pass
4**	7312.500	43.37	54.0	10.63	AV	304.00	300	Horizontal	Pass
5	12512.026	53.51	74.0	20.49	Peak	305.00	200	Horizontal	Pass
5**	12512.026	44.08	54.0	9.92	AV	305.00	200	Horizontal	Pass
6	16112.362	54.69	74.0	19.31	Peak	135.00	200	Horizontal	Pass
6**	16112.362	44.70	54.0	9.30	AV	135.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	41.37	74.0	32.63	Peak	97.00	200	Vertical	Pass
1**	1497.500	32.64	54.0	21.36	AV	97.00	200	Vertical	Pass
2	4046.000	47.08	74.0	26.92	Peak	48.00	400	Vertical	Pass
2**	4046.000	37.18	54.0	16.82	AV	48.00	400	Vertical	Pass
3	5238.750	98.81	--	--	Peak	245.00	150	Vertical	N/A
3**	5238.750	91.55	--	--	AV	245.00	150	Vertical	N/A
4	7592.750	53.11	74.0	20.89	Peak	266.00	300	Vertical	Pass
4**	7592.750	44.24	54.0	9.76	AV	266.00	300	Vertical	Pass
5	12462.862	53.38	74.0	20.62	Peak	251.00	100	Vertical	Pass
5**	12462.862	43.67	54.0	10.33	AV	251.00	100	Vertical	Pass
6	16075.088	54.09	74.0	19.91	Peak	82.00	200	Vertical	Pass
6**	16075.088	46.27	54.0	7.73	AV	82.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.100	38.77	74.0	35.23	Peak	246.00	200	Horizontal	Pass
1**	1619.100	29.05	54.0	24.95	AV	246.00	200	Horizontal	Pass
2	4326.000	47.14	74.0	26.86	Peak	305.00	200	Horizontal	Pass
2**	4326.000	38.57	54.0	15.43	AV	305.00	200	Horizontal	Pass
3	5191.500	105.12	--	--	Peak	227.00	100	Horizontal	N/A
3**	5191.500	97.36	--	--	AV	227.00	100	Horizontal	N/A
4	7357.000	53.04	74.0	20.96	Peak	89.00	400	Horizontal	Pass
4**	7357.000	44.60	54.0	9.40	AV	89.00	400	Horizontal	Pass
5	12532.450	53.48	74.0	20.52	Peak	0.00	150	Horizontal	Pass
5**	12532.450	43.66	54.0	10.34	AV	0.00	150	Horizontal	Pass
6	15896.325	53.86	74.0	20.14	Peak	0.00	400	Horizontal	Pass
6**	15896.325	44.71	54.0	9.29	AV	0.00	400	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	1496.800	39.58	74.0	34.42	Peak	360.00	400	Vertical	Pass
1**	1496.800	30.23	54.0	23.77	AV	360.00	400	Vertical	Pass
2	4309.250	47.21	74.0	26.79	Peak	109.00	100	Vertical	Pass
2**	4309.250	37.72	54.0	16.28	AV	109.00	100	Vertical	Pass
3	5191.750	92.60	--	--	Peak	109.00	200	Vertical	N/A
3**	5191.750	85.52	--	--	AV	109.00	200	Vertical	N/A
4	7430.750	53.17	74.0	20.83	Peak	227.00	400	Vertical	Pass
4**	7430.750	43.63	54.0	10.37	AV	227.00	400	Vertical	Pass
5	12449.563	54.10	74.0	19.90	Peak	295.00	150	Vertical	Pass
5**	12449.563	44.21	54.0	9.79	AV	295.00	150	Vertical	Pass
6	16118.925	54.31	74.0	19.69	Peak	62.00	100	Vertical	Pass
6**	16118.925	46.51	54.0	7.49	AV	62.00	100	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	1606.500	38.45	74.0	35.55	Peak	360.00	200	Horizontal	Pass
1**	1606.500	29.16	54.0	24.84	AV	360.00	200	Horizontal	Pass
2	4269.500	47.44	74.0	26.56	Peak	128.00	200	Horizontal	Pass
2**	4269.500	37.53	54.0	16.47	AV	128.00	200	Horizontal	Pass
3	5231.500	108.55	--	--	Peak	247.00	100	Horizontal	N/A
3**	5231.500	100.81	--	--	AV	247.00	100	Horizontal	N/A
4	7410.750	53.12	74.0	20.88	Peak	70.00	200	Horizontal	Pass
4**	7410.750	43.24	54.0	10.76	AV	70.00	200	Horizontal	Pass
5	12498.013	53.47	74.0	20.53	Peak	315.00	100	Horizontal	Pass
5**	12498.013	45.08	54.0	8.92	AV	315.00	100	Horizontal	Pass
6	15907.088	54.18	74.0	19.82	Peak	100.00	100	Horizontal	Pass
6**	15907.088	45.74	54.0	8.26	AV	100.00	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	1617.700	37.98	74.0	36.02	Peak	264.00	200	Vertical	Pass
1**	1617.700	28.51	54.0	25.49	AV	264.00	200	Vertical	Pass
2	4325.250	47.08	74.0	26.92	Peak	149.00	400	Vertical	Pass
2**	4325.250	38.36	54.0	15.64	AV	149.00	400	Vertical	Pass
3	5231.750	108.54	--	--	Peak	227.00	200	Vertical	N/A
3**	5231.750	101.31	--	--	AV	227.00	200	Vertical	N/A
4	7366.000	53.63	74.0	20.37	Peak	10.00	100	Vertical	Pass
4**	7366.000	44.01	54.0	9.99	AV	10.00	100	Vertical	Pass
5	12491.837	54.01	74.0	19.99	Peak	53.00	100	Vertical	Pass
5**	12491.837	44.91	54.0	9.09	AV	53.00	100	Vertical	Pass
6	15856.687	54.20	74.0	19.80	Peak	360.00	100	Vertical	Pass
6**	15856.687	44.08	54.0	9.92	AV	360.00	100	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	1514.600	38.74	74.0	35.26	Peak	191.00	100	Horizontal	Pass
1**	1514.600	29.59	54.0	24.41	AV	191.00	100	Horizontal	Pass
2	4279.000	46.86	74.0	27.14	Peak	208.00	200	Horizontal	Pass
2**	4279.000	37.89	54.0	16.11	AV	208.00	200	Horizontal	Pass
3	5204.500	99.90	--	--	Peak	227.00	100	Horizontal	N/A
3**	5204.500	92.32	--	--	AV	227.00	100	Horizontal	N/A
4	7602.750	53.11	74.0	20.89	Peak	344.00	100	Horizontal	Pass
4**	7602.750	43.85	54.0	10.15	AV	344.00	100	Horizontal	Pass
5	12526.513	53.64	74.0	20.36	Peak	152.00	100	Horizontal	Pass
5**	12526.513	45.43	54.0	8.57	AV	152.00	100	Horizontal	Pass
6	16093.987	54.70	74.0	19.30	Peak	77.00	100	Horizontal	Pass
6**	16093.987	44.99	54.0	9.01	AV	77.00	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	1494.300	41.01	74.0	32.99	Peak	164.00	400	Vertical	Pass
1**	1494.300	33.00	54.0	21.00	AV	164.00	400	Vertical	Pass
2	4302.500	47.18	74.0	26.82	Peak	48.00	100	Vertical	Pass
2**	4302.500	38.08	54.0	15.92	AV	48.00	100	Vertical	Pass
3	5215.750	88.15	--	--	Peak	247.00	150	Vertical	N/A
3**	5215.750	80.42	--	--	AV	247.00	150	Vertical	N/A
4	7530.000	52.94	74.0	21.06	Peak	360.00	200	Vertical	Pass
4**	7530.000	42.75	54.0	11.25	AV	360.00	200	Vertical	Pass
5	12516.062	53.35	74.0	20.65	Peak	115.00	100	Vertical	Pass
5**	12516.062	44.29	54.0	9.71	AV	115.00	100	Vertical	Pass
6	15879.788	54.09	74.0	19.91	Peak	220.00	100	Vertical	Pass
6**	15879.788	44.75	54.0	9.25	AV	220.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.600	39.37	74.0	34.63	Peak	285.00	100	Horizontal	Pass
1**	1610.600	28.75	54.0	25.25	AV	285.00	100	Horizontal	Pass
2	4327.750	47.50	74.0	26.50	Peak	206.00	400	Horizontal	Pass
2**	4327.750	39.01	54.0	14.99	AV	206.00	400	Horizontal	Pass
3	5259.500	109.47	--	--	Peak	227.00	100	Horizontal	N/A
3**	5259.500	103.40	--	--	AV	227.00	100	Horizontal	N/A
4	7351.500	53.37	74.0	20.63	Peak	344.00	200	Horizontal	Pass
4**	7351.500	43.77	54.0	10.23	AV	344.00	200	Horizontal	Pass
5	12479.487	53.23	74.0	20.77	Peak	360.00	100	Horizontal	Pass
5**	12479.487	44.60	54.0	9.40	AV	360.00	100	Horizontal	Pass
6	15897.113	54.84	74.0	19.16	Peak	40.00	300	Horizontal	Pass
6**	15897.113	45.06	54.0	8.94	AV	40.00	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	1494.700	39.34	74.0	34.66	Peak	130.00	300	Vertical	Pass
1**	1494.700	31.63	54.0	22.37	AV	130.00	300	Vertical	Pass
2	4193.500	47.51	74.0	26.49	Peak	246.00	300	Vertical	Pass
2**	4193.500	36.97	54.0	17.03	AV	246.00	300	Vertical	Pass
3	5259.000	100.20	--	--	Peak	67.00	200	Vertical	N/A
3**	5259.000	93.98	--	--	AV	67.00	200	Vertical	N/A
4	7579.250	53.42	74.0	20.58	Peak	145.00	100	Vertical	Pass
4**	7579.250	43.98	54.0	10.02	AV	145.00	100	Vertical	Pass
5	12500.150	54.06	74.0	19.94	Peak	251.00	200	Vertical	Pass
5**	12500.150	43.92	54.0	10.08	AV	251.00	200	Vertical	Pass
6	15728.062	54.86	74.0	19.14	Peak	170.00	300	Vertical	Pass
6**	15728.062	44.09	54.0	9.91	AV	170.00	300	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	1435.100	38.20	74.0	35.80	Peak	229.00	200	Horizontal	Pass
1**	1435.100	28.83	54.0	25.17	AV	229.00	200	Horizontal	Pass
2	4233.750	47.18	74.0	26.82	Peak	5.00	100	Horizontal	Pass
2**	4233.750	37.93	54.0	16.07	AV	5.00	100	Horizontal	Pass
3	5300.750	109.34	--	--	Peak	245.00	200	Horizontal	N/A
3**	5300.750	102.89	--	--	AV	245.00	200	Horizontal	N/A
4	7363.500	53.26	74.0	20.74	Peak	108.00	100	Horizontal	Pass
4**	7363.500	43.43	54.0	10.57	AV	108.00	100	Horizontal	Pass
5	12512.500	53.38	74.0	20.62	Peak	11.00	200	Horizontal	Pass
5**	12512.500	44.20	54.0	9.80	AV	11.00	200	Horizontal	Pass
6	16123.388	53.98	74.0	20.02	Peak	251.00	300	Horizontal	Pass
6**	16123.388	45.20	54.0	8.80	AV	251.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.100	38.86	74.0	35.14	Peak	141.00	400	Vertical	Pass
1**	1516.100	29.78	54.0	24.22	AV	141.00	400	Vertical	Pass
2	4157.750	47.99	74.0	26.01	Peak	87.00	400	Vertical	Pass
2**	4157.750	37.88	54.0	16.12	AV	87.00	400	Vertical	Pass
3	5299.500	99.19	--	--	Peak	108.00	100	Vertical	N/A
3**	5299.500	92.91	--	--	AV	108.00	100	Vertical	N/A
4	7600.250	53.57	74.0	20.43	Peak	186.00	200	Vertical	Pass
4**	7600.250	44.77	54.0	9.23	AV	186.00	200	Vertical	Pass
5	12507.987	53.26	74.0	20.74	Peak	186.00	100	Vertical	Pass
5**	12507.987	44.82	54.0	9.18	AV	186.00	100	Vertical	Pass
6	15881.888	54.41	74.0	19.59	Peak	101.00	200	Vertical	Pass
6**	15881.888	44.77	54.0	9.23	AV	101.00	200	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	1603.500	38.96	74.0	35.04	Peak	83.00	400	Horizontal	Pass
1**	1603.500	28.48	54.0	25.52	AV	83.00	400	Horizontal	Pass
2	4277.000	47.07	74.0	26.93	Peak	0.00	300	Horizontal	Pass
2**	4277.000	38.18	54.0	15.82	AV	0.00	300	Horizontal	Pass
3	5321.000	108.35	--	--	Peak	245.00	200	Horizontal	N/A
3**	5321.000	102.03	--	--	AV	245.00	200	Horizontal	N/A
4	7358.500	53.20	74.0	20.80	Peak	65.00	400	Horizontal	Pass
4**	7358.500	44.35	54.0	9.65	AV	65.00	400	Horizontal	Pass
5	12517.963	53.68	74.0	20.32	Peak	98.00	200	Horizontal	Pass
5**	12517.963	44.76	54.0	9.24	AV	98.00	200	Horizontal	Pass
6	16087.687	53.90	74.0	20.10	Peak	325.00	400	Horizontal	Pass
6**	16087.687	44.31	54.0	9.69	AV	325.00	400	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	1496.600	42.34	74.0	31.66	Peak	158.00	100	Vertical	Pass
1**	1496.600	30.62	54.0	23.38	AV	158.00	100	Vertical	Pass
2	4238.500	47.64	74.0	26.36	Peak	360.00	400	Vertical	Pass
2**	4238.500	38.74	54.0	15.26	AV	360.00	400	Vertical	Pass
3	5321.000	97.81	--	--	Peak	246.00	150	Vertical	N/A
3**	5321.000	90.53	--	--	AV	246.00	150	Vertical	N/A
4	7600.000	53.10	74.0	20.90	Peak	46.00	200	Vertical	Pass
4**	7600.000	44.35	54.0	9.65	AV	46.00	200	Vertical	Pass
5	12464.287	53.44	74.0	20.56	Peak	243.00	100	Vertical	Pass
5**	12464.287	45.00	54.0	9.00	AV	243.00	100	Vertical	Pass
6	16122.075	54.01	74.0	19.99	Peak	360.00	100	Vertical	Pass
6**	16122.075	45.44	54.0	8.56	AV	360.00	100	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	1481.700	38.30	74.0	35.70	Peak	195.00	400	Horizontal	Pass
1**	1481.700	28.77	54.0	25.23	AV	195.00	400	Horizontal	Pass
2	4323.500	47.50	74.0	26.50	Peak	303.00	100	Horizontal	Pass
2**	4323.500	38.70	54.0	15.30	AV	303.00	100	Horizontal	Pass
3	5258.750	109.12	--	--	Peak	245.00	100	Horizontal	N/A
3**	5258.750	102.30	--	--	AV	245.00	100	Horizontal	N/A
4	7352.250	53.05	74.0	20.95	Peak	186.00	100	Horizontal	Pass
4**	7352.250	43.60	54.0	10.40	AV	186.00	100	Horizontal	Pass
5	12508.701	54.04	74.0	19.96	Peak	113.00	200	Horizontal	Pass
5**	12508.701	44.14	54.0	9.86	AV	113.00	200	Horizontal	Pass
6	15917.587	54.78	74.0	19.22	Peak	213.00	300	Horizontal	Pass
6**	15917.587	45.34	54.0	8.66	AV	213.00	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	1550.500	39.34	74.0	34.66	Peak	165.00	100	Vertical	Pass
1**	1550.500	28.82	54.0	25.18	AV	165.00	100	Vertical	Pass
2	4277.000	48.05	74.0	25.95	Peak	266.00	300	Vertical	Pass
2**	4277.000	38.34	54.0	15.66	AV	266.00	300	Vertical	Pass
3	5258.750	100.73	--	--	Peak	69.00	100	Vertical	N/A
3**	5258.750	92.05	--	--	AV	69.00	100	Vertical	N/A
4	7642.750	53.08	74.0	20.92	Peak	108.00	200	Vertical	Pass
4**	7642.750	44.61	54.0	9.39	AV	108.00	200	Vertical	Pass
5	12518.438	54.11	74.0	19.89	Peak	294.00	100	Vertical	Pass
5**	12518.438	43.94	54.0	10.06	AV	294.00	100	Vertical	Pass
6	15892.388	54.52	74.0	19.48	Peak	113.00	400	Vertical	Pass
6**	15892.388	46.12	54.0	7.88	AV	113.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.900	38.49	74.0	35.51	Peak	349.00	300	Horizontal	Pass
1**	1620.900	29.18	54.0	24.82	AV	349.00	300	Horizontal	Pass
2	4269.500	47.65	74.0	26.35	Peak	0.00	300	Horizontal	Pass
2**	4269.500	38.38	54.0	15.62	AV	0.00	300	Horizontal	Pass
3	5299.000	109.43	--	--	Peak	223.00	100	Horizontal	N/A
3**	5299.000	102.99	--	--	AV	223.00	100	Horizontal	N/A
4	7421.500	53.83	74.0	20.17	Peak	0.00	300	Horizontal	Pass
4**	7421.500	43.47	54.0	10.53	AV	0.00	300	Horizontal	Pass
5	12467.849	53.63	74.0	20.37	Peak	289.00	200	Horizontal	Pass
5**	12467.849	44.11	54.0	9.89	AV	289.00	200	Horizontal	Pass
6	16121.026	55.32	74.0	18.68	Peak	15.00	100	Horizontal	Pass
6**	16121.026	45.52	54.0	8.48	AV	15.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	40.42	74.0	33.58	Peak	132.00	100	Vertical	Pass
1**	1494.500	33.12	54.0	20.88	AV	132.00	100	Vertical	Pass
2	4342.250	47.80	74.0	26.20	Peak	360.00	400	Vertical	Pass
2**	4342.250	38.51	54.0	15.49	AV	360.00	400	Vertical	Pass
3	5299.250	99.95	--	--	Peak	51.00	150	Vertical	N/A
3**	5299.250	92.90	--	--	AV	51.00	150	Vertical	N/A
4	7482.750	53.13	74.0	20.87	Peak	269.00	200	Vertical	Pass
4**	7482.750	43.73	54.0	10.27	AV	269.00	200	Vertical	Pass
5	12533.875	53.66	74.0	20.34	Peak	55.00	150	Vertical	Pass
5**	12533.875	43.34	54.0	10.66	AV	55.00	150	Vertical	Pass
6	15874.013	54.58	74.0	19.42	Peak	296.00	300	Vertical	Pass
6**	15874.013	44.72	54.0	9.28	AV	296.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.700	38.51	74.0	35.49	Peak	86.00	300	Horizontal	Pass
1**	1613.700	29.70	54.0	24.30	AV	86.00	300	Horizontal	Pass
2	4246.500	47.89	74.0	26.11	Peak	360.00	100	Horizontal	Pass
2**	4246.500	38.79	54.0	15.21	AV	360.00	100	Horizontal	Pass
3	5320.750	108.61	--	--	Peak	248.00	150	Horizontal	N/A
3**	5320.750	101.64	--	--	AV	248.00	150	Horizontal	N/A
4	7700.750	53.65	74.0	20.35	Peak	328.00	300	Horizontal	Pass
4**	7700.750	43.36	54.0	10.64	AV	328.00	300	Horizontal	Pass
5	12517.724	53.72	74.0	20.28	Peak	156.00	150	Horizontal	Pass
5**	12517.724	45.04	54.0	8.96	AV	156.00	150	Horizontal	Pass
6	15910.762	54.52	74.0	19.48	Peak	244.00	100	Horizontal	Pass
6**	15910.762	45.42	54.0	8.58	AV	244.00	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	1597.400	39.15	74.0	34.85	Peak	167.00	300	Vertical	Pass
1**	1597.400	30.10	54.0	23.90	AV	167.00	300	Vertical	Pass
2	4398.000	47.82	74.0	26.18	Peak	100.00	200	Vertical	Pass
2**	4398.000	37.92	54.0	16.08	AV	100.00	200	Vertical	Pass
3	5320.750	97.65	--	--	Peak	100.00	200	Vertical	N/A
3**	5320.750	91.38	--	--	AV	100.00	200	Vertical	N/A
4	7363.500	53.35	74.0	20.65	Peak	297.00	300	Vertical	Pass
4**	7363.500	43.66	54.0	10.34	AV	297.00	300	Vertical	Pass
5	12497.776	53.04	74.0	20.96	Peak	240.00	200	Vertical	Pass
5**	12497.776	44.77	54.0	9.23	AV	240.00	200	Vertical	Pass
6	15433.800	55.03	74.0	18.97	Peak	132.00	300	Vertical	Pass
6**	15433.800	43.70	54.0	10.30	AV	132.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.900	39.09	74.0	34.91	Peak	360.00	300	Horizontal	Pass
1**	1604.900	29.11	54.0	24.89	AV	360.00	300	Horizontal	Pass
2	4313.750	47.48	74.0	26.52	Peak	331.00	400	Horizontal	Pass
2**	4313.750	38.82	54.0	15.18	AV	331.00	400	Horizontal	Pass
3	5271.500	107.56	--	--	Peak	253.00	100	Horizontal	N/A
3**	5271.500	99.74	--	--	AV	253.00	100	Horizontal	N/A
4	7355.500	53.38	74.0	20.62	Peak	232.00	400	Horizontal	Pass
4**	7355.500	44.28	54.0	9.72	AV	232.00	400	Horizontal	Pass
5	12504.188	53.58	74.0	20.42	Peak	356.00	100	Horizontal	Pass
5**	12504.188	43.83	54.0	10.17	AV	356.00	100	Horizontal	Pass
6	16121.550	54.55	74.0	19.45	Peak	77.00	300	Horizontal	Pass
6**	16121.550	45.00	54.0	9.00	AV	77.00	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	1494.800	40.85	74.0	33.15	Peak	133.00	200	Vertical	Pass
1**	1494.800	29.48	54.0	24.52	AV	133.00	200	Vertical	Pass
2	3797.500	47.78	74.0	26.22	Peak	134.00	100	Vertical	Pass
2**	3797.500	39.52	54.0	14.48	AV	134.00	100	Vertical	Pass
3	5272.500	96.30	--	--	Peak	253.00	200	Vertical	N/A
3**	5272.500	88.79	--	--	AV	253.00	200	Vertical	N/A
4	7357.000	53.66	74.0	20.34	Peak	351.00	200	Vertical	Pass
4**	7357.000	45.17	54.0	8.83	AV	351.00	200	Vertical	Pass
5	12501.576	53.18	74.0	20.82	Peak	53.00	150	Vertical	Pass
5**	12501.576	43.71	54.0	10.29	AV	53.00	150	Vertical	Pass
6	16082.437	54.63	74.0	19.37	Peak	129.00	400	Vertical	Pass
6**	16082.437	44.46	54.0	9.54	AV	129.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.000	38.49	74.0	35.51	Peak	80.00	300	Horizontal	Pass
1**	1625.000	29.36	54.0	24.64	AV	80.00	300	Horizontal	Pass
2	4315.000	46.81	74.0	27.19	Peak	74.00	200	Horizontal	Pass
2**	4315.000	38.08	54.0	15.92	AV	74.00	200	Horizontal	Pass
3	5311.500	105.13	--	--	Peak	253.00	150	Horizontal	N/A
3**	5311.500	97.16	--	--	AV	253.00	150	Horizontal	N/A
4	7354.250	52.87	74.0	21.13	Peak	35.00	100	Horizontal	Pass
4**	7354.250	44.04	54.0	9.96	AV	35.00	100	Horizontal	Pass
5	12482.099	53.24	74.0	20.76	Peak	328.00	150	Horizontal	Pass
5**	12482.099	45.08	54.0	8.92	AV	328.00	150	Horizontal	Pass
6	16135.987	54.55	74.0	19.45	Peak	77.00	200	Horizontal	Pass
6**	16135.987	46.08	54.0	7.92	AV	77.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	40.72	74.0	33.28	Peak	153.00	200	Vertical	Pass
1**	1498.600	29.17	54.0	24.83	AV	153.00	200	Vertical	Pass
2	4399.750	47.77	74.0	26.23	Peak	275.00	100	Vertical	Pass
2**	4399.750	38.61	54.0	15.39	AV	275.00	100	Vertical	Pass
3	5313.000	92.67	--	--	Peak	136.00	100	Vertical	N/A
3**	5313.000	85.02	--	--	AV	136.00	100	Vertical	N/A
4	7651.250	53.31	74.0	20.69	Peak	275.00	300	Vertical	Pass
4**	7651.250	44.11	54.0	9.89	AV	275.00	300	Vertical	Pass
5	11788.363	53.05	74.0	20.95	Peak	360.00	100	Vertical	Pass
5**	11788.363	43.48	54.0	10.52	AV	360.00	100	Vertical	Pass
6	15880.313	54.06	74.0	19.94	Peak	25.00	400	Vertical	Pass
6**	15880.313	44.16	54.0	9.84	AV	25.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.700	38.74	74.0	35.26	Peak	86.00	400	Horizontal	Pass
1**	1581.700	29.48	54.0	24.52	AV	86.00	400	Horizontal	Pass
2	4329.000	47.81	74.0	26.19	Peak	305.00	300	Horizontal	Pass
2**	4329.000	38.47	54.0	15.53	AV	305.00	300	Horizontal	Pass
3	5260.500	109.10	--	--	Peak	245.00	200	Horizontal	N/A
3**	5260.500	102.71	--	--	AV	245.00	200	Horizontal	N/A
4	7362.250	53.46	74.0	20.54	Peak	165.00	300	Horizontal	Pass
4**	7362.250	43.96	54.0	10.04	AV	165.00	300	Horizontal	Pass
5	12516.300	53.51	74.0	20.49	Peak	113.00	100	Horizontal	Pass
5**	12516.300	44.45	54.0	9.55	AV	113.00	100	Horizontal	Pass
6	15873.487	54.71	74.0	19.29	Peak	184.00	200	Horizontal	Pass
6**	15873.487	44.77	54.0	9.23	AV	184.00	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	1592.900	40.19	74.0	33.81	Peak	141.00	200	Vertical	Pass
1**	1592.900	30.19	54.0	23.81	AV	141.00	200	Vertical	Pass
2	4285.750	48.02	74.0	25.98	Peak	286.00	300	Vertical	Pass
2**	4285.750	38.40	54.0	15.60	AV	286.00	300	Vertical	Pass
3	5259.000	100.87	--	--	Peak	66.00	100	Vertical	N/A
3**	5259.000	93.42	--	--	AV	66.00	100	Vertical	N/A
4	7430.000	53.07	74.0	20.93	Peak	0.00	300	Vertical	Pass
4**	7430.000	43.94	54.0	10.06	AV	0.00	300	Vertical	Pass
5	12556.200	53.81	74.0	20.19	Peak	157.00	100	Vertical	Pass
5**	12556.200	44.46	54.0	9.54	AV	157.00	100	Vertical	Pass
6	15901.838	54.56	74.0	19.44	Peak	2.00	400	Vertical	Pass
6**	15901.838	44.55	54.0	9.45	AV	2.00	400	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	1576.300	38.96	74.0	35.04	Peak	122.00	100	Horizontal	Pass
1**	1576.300	29.23	54.0	24.77	AV	122.00	100	Horizontal	Pass
2	4399.750	47.30	74.0	26.70	Peak	344.00	300	Horizontal	Pass
2**	4399.750	39.39	54.0	14.61	AV	344.00	300	Horizontal	Pass
3	5299.000	109.90	--	--	Peak	227.00	100	Horizontal	N/A
3**	5299.000	103.29	--	--	AV	227.00	100	Horizontal	N/A
4	7632.500	53.10	74.0	20.90	Peak	85.00	400	Horizontal	Pass
4**	7632.500	43.24	54.0	10.76	AV	85.00	400	Horizontal	Pass
5	12499.200	53.15	74.0	20.85	Peak	272.00	100	Horizontal	Pass
5**	12499.200	44.53	54.0	9.47	AV	272.00	100	Horizontal	Pass
6	16121.287	54.43	74.0	19.57	Peak	33.00	400	Horizontal	Pass
6**	16121.287	45.07	54.0	8.93	AV	33.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	41.47	74.0	32.53	Peak	132.00	100	Vertical	Pass
1**	1495.900	31.54	54.0	22.46	AV	132.00	100	Vertical	Pass
2	4304.250	47.98	74.0	26.02	Peak	67.00	100	Vertical	Pass
2**	4304.250	38.38	54.0	15.62	AV	67.00	100	Vertical	Pass
3	5298.750	99.73	--	--	Peak	107.00	150	Vertical	N/A
3**	5298.750	92.07	--	--	AV	107.00	150	Vertical	N/A
4	7352.500	53.80	74.0	20.20	Peak	48.00	300	Vertical	Pass
4**	7352.500	43.87	54.0	10.13	AV	48.00	300	Vertical	Pass
5	11794.775	53.83	74.0	20.17	Peak	357.00	150	Vertical	Pass
5**	11794.775	43.52	54.0	10.48	AV	357.00	150	Vertical	Pass
6	16110.262	54.77	74.0	19.23	Peak	360.00	400	Vertical	Pass
6**	16110.262	45.18	54.0	8.82	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.900	38.91	74.0	35.09	Peak	212.00	400	Horizontal	Pass
1**	1514.900	29.99	54.0	24.01	AV	212.00	400	Horizontal	Pass
2	4319.500	47.72	74.0	26.28	Peak	106.00	100	Horizontal	Pass
2**	4319.500	39.85	54.0	14.15	AV	106.00	100	Horizontal	Pass
3	5319.250	108.30	--	--	Peak	225.00	100	Horizontal	N/A
3**	5319.250	101.79	--	--	AV	225.00	100	Horizontal	N/A
4	7420.500	53.58	74.0	20.42	Peak	67.00	100	Horizontal	Pass
4**	7420.500	44.31	54.0	9.69	AV	67.00	100	Horizontal	Pass
5	12477.825	53.71	74.0	20.29	Peak	91.00	150	Horizontal	Pass
5**	12477.825	44.75	54.0	9.25	AV	91.00	150	Horizontal	Pass
6	15873.750	55.64	74.0	18.36	Peak	138.00	200	Horizontal	Pass
6**	15873.750	44.91	54.0	9.09	AV	138.00	200	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	1497.700	40.67	74.0	33.33	Peak	143.00	300	Vertical	Pass
1**	1497.700	31.05	54.0	22.95	AV	143.00	300	Vertical	Pass
2	4327.750	47.70	74.0	26.30	Peak	360.00	300	Vertical	Pass
2**	4327.750	38.31	54.0	15.69	AV	360.00	300	Vertical	Pass
3	5321.500	97.31	--	--	Peak	253.00	150	Vertical	N/A
3**	5321.500	90.46	--	--	AV	253.00	150	Vertical	N/A
4	7417.250	53.18	74.0	20.82	Peak	0.00	200	Vertical	Pass
4**	7417.250	43.57	54.0	10.43	AV	0.00	200	Vertical	Pass
5	12082.388	53.03	74.0	20.97	Peak	160.00	100	Vertical	Pass
5**	12082.388	42.44	54.0	11.56	AV	160.00	100	Vertical	Pass
6	15913.912	53.84	74.0	20.16	Peak	132.00	100	Vertical	Pass
6**	15913.912	44.33	54.0	9.67	AV	132.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.200	38.40	74.0	35.60	Peak	0.00	300	Horizontal	Pass
1**	1620.200	29.39	54.0	24.61	AV	0.00	300	Horizontal	Pass
2	4284.250	47.13	74.0	26.87	Peak	360.00	300	Horizontal	Pass
2**	4284.250	38.31	54.0	15.69	AV	360.00	300	Horizontal	Pass
3	5271.500	107.60	--	--	Peak	253.00	150	Horizontal	N/A
3**	5271.500	99.58	--	--	AV	253.00	150	Horizontal	N/A
4	7587.500	53.25	74.0	20.75	Peak	333.00	400	Horizontal	Pass
4**	7587.500	44.33	54.0	9.67	AV	333.00	400	Horizontal	Pass
5	12443.388	53.27	74.0	20.73	Peak	263.00	200	Horizontal	Pass
5**	12443.388	43.78	54.0	10.22	AV	263.00	200	Horizontal	Pass
6	15913.388	54.10	74.0	19.90	Peak	258.00	300	Horizontal	Pass
6**	15913.388	45.01	54.0	8.99	AV	258.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.000	40.09	74.0	33.91	Peak	152.00	300	Vertical	Pass
1**	1437.000	29.41	54.0	24.59	AV	152.00	300	Vertical	Pass
2	4334.250	47.12	74.0	26.88	Peak	156.00	300	Vertical	Pass
2**	4334.250	38.69	54.0	15.31	AV	156.00	300	Vertical	Pass
3	5272.750	96.95	--	--	Peak	254.00	200	Vertical	N/A
3**	5272.750	89.49	--	--	AV	254.00	200	Vertical	N/A
4	7603.750	53.10	74.0	20.90	Peak	94.00	100	Vertical	Pass
4**	7603.750	44.52	54.0	9.48	AV	94.00	100	Vertical	Pass
5	12496.588	53.26	74.0	20.74	Peak	143.00	200	Vertical	Pass
5**	12496.588	43.64	54.0	10.36	AV	143.00	200	Vertical	Pass
6	15924.150	54.03	74.0	19.97	Peak	328.00	400	Vertical	Pass
6**	15924.150	44.80	54.0	9.20	AV	328.00	400	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	1620.000	39.92	74.0	34.08	Peak	232.00	400	Horizontal	Pass
1**	1620.000	29.00	54.0	25.00	AV	232.00	400	Horizontal	Pass
2	4268.750	47.59	74.0	26.41	Peak	176.00	300	Horizontal	Pass
2**	4268.750	37.28	54.0	16.72	AV	176.00	300	Horizontal	Pass
3	5311.500	105.14	--	--	Peak	258.00	200	Horizontal	N/A
3**	5311.500	96.99	--	--	AV	258.00	200	Horizontal	N/A
4	7425.250	53.46	74.0	20.54	Peak	96.00	400	Horizontal	Pass
4**	7425.250	44.35	54.0	9.65	AV	96.00	400	Horizontal	Pass
5	12488.275	53.17	74.0	20.83	Peak	177.00	100	Horizontal	Pass
5**	12488.275	43.76	54.0	10.24	AV	177.00	100	Horizontal	Pass
6	16076.925	53.71	74.0	20.29	Peak	256.00	300	Horizontal	Pass
6**	16076.925	44.91	54.0	9.09	AV	256.00	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	1494.400	40.63	74.0	33.37	Peak	132.00	200	Vertical	Pass
1**	1494.400	29.75	54.0	24.25	AV	132.00	200	Vertical	Pass
2	4215.500	47.17	74.0	26.83	Peak	154.00	400	Vertical	Pass
2**	4215.500	37.39	54.0	16.61	AV	154.00	400	Vertical	Pass
3	5313.250	92.83	--	--	Peak	94.00	200	Vertical	N/A
3**	5313.250	85.72	--	--	AV	94.00	200	Vertical	N/A
4	7368.750	53.40	74.0	20.60	Peak	0.00	100	Vertical	Pass
4**	7368.750	44.53	54.0	9.47	AV	0.00	100	Vertical	Pass
5	12454.550	53.13	74.0	20.87	Peak	134.00	200	Vertical	Pass
5**	12454.550	43.87	54.0	10.13	AV	134.00	200	Vertical	Pass
6	16120.500	54.23	74.0	19.77	Peak	292.00	200	Vertical	Pass
6**	16120.500	45.31	54.0	8.69	AV	292.00	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	1618.300	38.55	74.0	35.45	Peak	159.00	400	Horizontal	Pass
1**	1618.300	29.24	54.0	24.76	AV	159.00	400	Horizontal	Pass
2	4234.750	47.44	74.0	26.56	Peak	318.00	400	Horizontal	Pass
2**	4234.750	38.04	54.0	15.96	AV	318.00	400	Horizontal	Pass
3	5294.500	97.93	--	--	Peak	261.00	200	Horizontal	N/A
3**	5294.500	90.41	--	--	AV	261.00	200	Horizontal	N/A
4	7660.250	53.38	74.0	20.62	Peak	138.00	200	Horizontal	Pass
4**	7660.250	43.97	54.0	10.03	AV	138.00	200	Horizontal	Pass
5	12488.513	53.23	74.0	20.77	Peak	10.00	100	Horizontal	Pass
5**	12488.513	44.20	54.0	9.80	AV	10.00	100	Horizontal	Pass
6	15888.975	54.60	74.0	19.40	Peak	360.00	400	Horizontal	Pass
6**	15888.975	45.52	54.0	8.48	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	39.75	74.0	34.25	Peak	148.00	200	Vertical	Pass
1**	1497.500	29.64	54.0	24.36	AV	148.00	200	Vertical	Pass
2	4278.250	47.30	74.0	26.70	Peak	291.00	100	Vertical	Pass
2**	4278.250	37.99	54.0	16.01	AV	291.00	100	Vertical	Pass
3	5284.000	86.06	--	--	Peak	252.00	100	Vertical	N/A
3**	5284.000	79.07	--	--	AV	252.00	100	Vertical	N/A
4	7357.250	54.68	74.0	19.32	Peak	55.00	200	Vertical	Pass
4**	7357.250	44.05	54.0	9.95	AV	55.00	200	Vertical	Pass
5	12492.075	53.14	74.0	20.86	Peak	298.00	100	Vertical	Pass
5**	12492.075	44.39	54.0	9.61	AV	298.00	100	Vertical	Pass
6	16126.012	54.75	74.0	19.25	Peak	360.00	200	Vertical	Pass
6**	16126.012	45.88	54.0	8.12	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.400	38.54	74.0	35.46	Peak	140.00	100	Horizontal	Pass
1**	1452.400	28.85	54.0	25.15	AV	140.00	100	Horizontal	Pass
2	4291.750	47.69	74.0	26.31	Peak	133.00	100	Horizontal	Pass
2**	4291.750	37.93	54.0	16.07	AV	133.00	100	Horizontal	Pass
3	5499.000	107.85	--	--	Peak	251.00	200	Horizontal	N/A
3**	5499.000	100.91	--	--	AV	251.00	200	Horizontal	N/A
4	7359.000	53.07	74.0	20.93	Peak	53.00	200	Horizontal	Pass
4**	7359.000	44.79	54.0	9.21	AV	53.00	200	Horizontal	Pass
5	11002.951	51.35	74.0	22.65	Peak	278.00	100	Horizontal	Pass
5**	11002.951	46.16	54.0	7.84	AV	278.00	100	Horizontal	Pass
6	16122.338	54.78	74.0	19.22	Peak	191.00	200	Horizontal	Pass
6**	16122.338	45.78	54.0	8.22	AV	191.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	39.53	74.0	34.47	Peak	134.00	300	Vertical	Pass
1**	1499.300	29.46	54.0	24.54	AV	134.00	300	Vertical	Pass
2	4136.250	47.84	74.0	26.16	Peak	154.00	400	Vertical	Pass
2**	4136.250	38.14	54.0	15.86	AV	154.00	400	Vertical	Pass
3	5501.000	100.20	--	--	Peak	94.00	200	Vertical	N/A
3**	5501.000	93.42	--	--	AV	94.00	200	Vertical	N/A
4	7314.000	53.04	74.0	20.96	Peak	360.00	400	Vertical	Pass
4**	7314.000	44.00	54.0	10.00	AV	360.00	400	Vertical	Pass
5	11000.100	54.90	74.0	19.10	Peak	105.00	100	Vertical	Pass
5**	11000.100	47.35	54.0	6.65	AV	105.00	100	Vertical	Pass
6	16145.438	54.84	74.0	19.16	Peak	48.00	100	Vertical	Pass
6**	16145.438	44.95	54.0	9.05	AV	48.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.400	38.24	74.0	35.76	Peak	124.00	400	Horizontal	Pass
1**	1553.400	28.34	54.0	25.66	AV	124.00	400	Horizontal	Pass
2	4387.750	47.76	74.0	26.24	Peak	155.00	100	Horizontal	Pass
2**	4387.750	37.79	54.0	16.21	AV	155.00	100	Horizontal	Pass
3	5579.500	106.14	--	--	Peak	254.00	200	Horizontal	N/A
3**	5579.500	99.44	--	--	AV	254.00	200	Horizontal	N/A
4	7647.500	53.84	74.0	20.16	Peak	135.00	100	Horizontal	Pass
4**	7647.500	44.33	54.0	9.67	AV	135.00	100	Horizontal	Pass
5	11154.950	50.17	74.0	23.83	Peak	218.00	100	Horizontal	Pass
5**	11154.950	46.00	54.0	8.00	AV	218.00	100	Horizontal	Pass
6	16098.450	54.29	74.0	19.71	Peak	125.00	400	Horizontal	Pass
6**	16098.450	45.13	54.0	8.87	AV	125.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.900	39.91	74.0	34.09	Peak	205.00	200	Vertical	Pass
1**	1440.900	29.08	54.0	24.92	AV	205.00	200	Vertical	Pass
2	4349.500	47.81	74.0	26.19	Peak	360.00	300	Vertical	Pass
2**	4349.500	38.48	54.0	15.52	AV	360.00	300	Vertical	Pass
3	5579.000	98.86	--	--	Peak	94.00	200	Vertical	N/A
3**	5579.000	92.01	--	--	AV	94.00	200	Vertical	N/A
4	7357.000	53.81	74.0	20.19	Peak	135.00	300	Vertical	Pass
4**	7357.000	45.44	54.0	8.56	AV	135.00	300	Vertical	Pass
5	11161.838	51.96	74.0	22.04	Peak	320.00	100	Vertical	Pass
5**	11161.838	46.92	54.0	7.08	AV	320.00	100	Vertical	Pass
6	15907.350	54.71	74.0	19.29	Peak	19.00	400	Vertical	Pass
6**	15907.350	46.46	54.0	7.54	AV	19.00	400	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	1616.200	38.63	74.0	35.37	Peak	0.00	100	Horizontal	Pass
1**	1616.200	29.31	54.0	24.69	AV	0.00	100	Horizontal	Pass
2	4323.500	47.91	74.0	26.09	Peak	154.00	100	Horizontal	Pass
2**	4323.500	37.82	54.0	16.18	AV	154.00	100	Horizontal	Pass
3	5701.000	103.08	--	--	Peak	232.00	150	Horizontal	N/A
3**	5701.000	96.37	--	--	AV	232.00	150	Horizontal	N/A
4	7358.500	53.74	74.0	20.26	Peak	211.00	300	Horizontal	Pass
4**	7358.500	44.77	54.0	9.23	AV	211.00	300	Horizontal	Pass
5	12451.700	53.73	74.0	20.27	Peak	193.00	200	Horizontal	Pass
5**	12451.700	45.35	54.0	8.65	AV	193.00	200	Horizontal	Pass
6	16138.087	55.04	74.0	18.96	Peak	62.00	300	Horizontal	Pass
6**	16138.087	46.20	54.0	7.80	AV	62.00	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	1495.900	40.56	74.0	33.44	Peak	135.00	200	Vertical	Pass
1**	1495.900	29.80	54.0	24.20	AV	135.00	200	Vertical	Pass
2	4342.750	47.79	74.0	26.21	Peak	54.00	200	Vertical	Pass
2**	4342.750	37.45	54.0	16.55	AV	54.00	200	Vertical	Pass
3	5700.500	97.36	--	--	Peak	94.00	200	Vertical	N/A
3**	5700.500	89.35	--	--	AV	94.00	200	Vertical	N/A
4	7599.000	53.29	74.0	20.71	Peak	290.00	400	Vertical	Pass
4**	7599.000	44.39	54.0	9.61	AV	290.00	400	Vertical	Pass
5	11399.338	51.31	74.0	22.69	Peak	105.00	100	Vertical	Pass
5**	11399.338	45.97	54.0	8.03	AV	105.00	100	Vertical	Pass
6	16118.138	55.33	74.0	18.67	Peak	86.00	300	Vertical	Pass
6**	16118.138	44.73	54.0	9.27	AV	86.00	300	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	1620.300	38.52	74.0	35.48	Peak	93.00	300	Horizontal	Pass
1**	1620.300	29.30	54.0	24.70	AV	93.00	300	Horizontal	Pass
2	4398.750	47.39	74.0	26.61	Peak	16.00	200	Horizontal	Pass
2**	4398.750	39.05	54.0	14.95	AV	16.00	200	Horizontal	Pass
3	5499.000	107.19	--	--	Peak	251.00	150	Horizontal	N/A
3**	5499.000	99.51	--	--	AV	251.00	150	Horizontal	N/A
4	7590.000	53.75	74.0	20.25	Peak	251.00	100	Horizontal	Pass
4**	7590.000	43.79	54.0	10.21	AV	251.00	100	Horizontal	Pass
5	12461.200	53.57	74.0	20.43	Peak	173.00	200	Horizontal	Pass
5**	12461.200	44.03	54.0	9.97	AV	173.00	200	Horizontal	Pass
6	16147.800	54.11	74.0	19.89	Peak	235.00	300	Horizontal	Pass
6**	16147.800	44.99	54.0	9.01	AV	235.00	300	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	1541.000	39.18	74.0	34.82	Peak	152.00	400	Vertical	Pass
1**	1541.000	29.11	54.0	24.89	AV	152.00	400	Vertical	Pass
2	3991.750	47.68	74.0	26.32	Peak	230.00	200	Vertical	Pass
2**	3991.750	37.33	54.0	16.67	AV	230.00	200	Vertical	Pass
3	5501.250	99.21	--	--	Peak	92.00	150	Vertical	N/A
3**	5501.250	91.06	--	--	AV	92.00	150	Vertical	N/A
4	7363.750	52.97	74.0	21.03	Peak	360.00	300	Vertical	Pass
4**	7363.750	44.63	54.0	9.37	AV	360.00	300	Vertical	Pass
5	11000.575	51.58	74.0	22.42	Peak	99.00	100	Vertical	Pass
5**	11000.575	47.52	54.0	6.48	AV	99.00	100	Vertical	Pass
6	15729.375	54.28	74.0	19.72	Peak	324.00	400	Vertical	Pass
6**	15729.375	43.50	54.0	10.50	AV	324.00	400	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	1450.000	38.43	74.0	35.57	Peak	337.00	100	Horizontal	Pass
1**	1450.000	28.87	54.0	25.13	AV	337.00	100	Horizontal	Pass
2	4335.750	47.58	74.0	26.42	Peak	316.00	100	Horizontal	Pass
2**	4335.750	38.12	54.0	15.88	AV	316.00	100	Horizontal	Pass
3	5580.250	105.56	--	--	Peak	237.00	100	Horizontal	N/A
3**	5580.250	98.08	--	--	AV	237.00	100	Horizontal	N/A
4	7642.500	54.17	74.0	19.83	Peak	355.00	300	Horizontal	Pass
4**	7642.500	44.33	54.0	9.67	AV	355.00	300	Horizontal	Pass
5	11155.662	53.25	74.0	20.75	Peak	215.00	100	Horizontal	Pass
5**	11155.662	43.34	54.0	10.66	AV	215.00	100	Horizontal	Pass
6	15671.099	54.16	74.0	19.84	Peak	96.00	100	Horizontal	Pass
6**	15671.099	45.58	54.0	8.42	AV	96.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	40.41	74.0	33.59	Peak	152.00	100	Vertical	Pass
1**	1498.700	29.91	54.0	24.09	AV	152.00	100	Vertical	Pass
2	3787.000	47.70	74.0	26.30	Peak	113.00	100	Vertical	Pass
2**	3787.000	37.18	54.0	16.82	AV	113.00	100	Vertical	Pass
3	5578.750	98.95	--	--	Peak	92.00	100	Vertical	N/A
3**	5578.750	90.51	--	--	AV	92.00	100	Vertical	N/A
4	7360.500	53.22	74.0	20.78	Peak	173.00	400	Vertical	Pass
4**	7360.500	44.64	54.0	9.36	AV	173.00	400	Vertical	Pass
5	11160.412	51.76	74.0	22.24	Peak	285.00	100	Vertical	Pass
5**	11160.412	47.08	54.0	6.92	AV	285.00	100	Vertical	Pass
6	15904.987	54.40	74.0	19.60	Peak	212.00	100	Vertical	Pass
6**	15904.987	45.05	54.0	8.95	AV	212.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.200	38.59	74.0	35.41	Peak	131.00	200	Horizontal	Pass
1**	1456.200	28.71	54.0	25.29	AV	131.00	200	Horizontal	Pass
2	4337.750	47.22	74.0	26.78	Peak	251.00	300	Horizontal	Pass
2**	4337.750	37.91	54.0	16.09	AV	251.00	300	Horizontal	Pass
3	5701.000	102.13	--	--	Peak	251.00	150	Horizontal	N/A
3**	5701.000	95.90	--	--	AV	251.00	150	Horizontal	N/A
4	7355.250	53.12	74.0	20.88	Peak	360.00	300	Horizontal	Pass
4**	7355.250	44.47	54.0	9.53	AV	360.00	300	Horizontal	Pass
5	12518.912	53.76	74.0	20.24	Peak	341.00	200	Horizontal	Pass
5**	12518.912	43.78	54.0	10.22	AV	341.00	200	Horizontal	Pass
6	15927.300	54.09	74.0	19.91	Peak	48.00	100	Horizontal	Pass
6**	15927.300	44.97	54.0	9.03	AV	48.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	39.54	74.0	34.46	Peak	152.00	400	Vertical	Pass
1**	1495.600	28.99	54.0	25.01	AV	152.00	400	Vertical	Pass
2	4250.000	48.12	74.0	25.88	Peak	75.00	400	Vertical	Pass
2**	4250.000	38.45	54.0	15.55	AV	75.00	400	Vertical	Pass
3	5699.000	97.19	--	--	Peak	94.00	200	Vertical	N/A
3**	5699.000	89.18	--	--	AV	94.00	200	Vertical	N/A
4	7645.000	53.20	74.0	20.80	Peak	193.00	100	Vertical	Pass
4**	7645.000	44.28	54.0	9.72	AV	193.00	100	Vertical	Pass
5	11393.875	51.05	74.0	22.95	Peak	202.00	100	Vertical	Pass
5**	11393.875	46.26	54.0	7.74	AV	202.00	100	Vertical	Pass
6	15904.725	54.43	74.0	19.57	Peak	96.00	200	Vertical	Pass
6**	15904.725	44.90	54.0	9.10	AV	96.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.700	38.40	74.0	35.60	Peak	360.00	300	Horizontal	Pass
1**	1539.700	27.94	54.0	26.06	AV	360.00	300	Horizontal	Pass
2	4338.250	46.97	74.0	27.03	Peak	30.00	100	Horizontal	Pass
2**	4338.250	37.87	54.0	16.13	AV	30.00	100	Horizontal	Pass
3	5507.250	102.77	--	--	Peak	247.00	200	Horizontal	N/A
3**	5507.250	94.96	--	--	AV	247.00	200	Horizontal	N/A
4	7420.250	52.99	74.0	21.01	Peak	10.00	400	Horizontal	Pass
4**	7420.250	43.93	54.0	10.07	AV	10.00	400	Horizontal	Pass
5	12499.200	53.65	74.0	20.35	Peak	334.00	150	Horizontal	Pass
5**	12499.200	44.99	54.0	9.01	AV	334.00	150	Horizontal	Pass
6	15887.925	53.89	74.0	20.11	Peak	101.00	200	Horizontal	Pass
6**	15887.925	44.60	54.0	9.40	AV	101.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	39.33	74.0	34.67	Peak	169.00	200	Vertical	Pass
1**	1497.700	30.16	54.0	23.84	AV	169.00	200	Vertical	Pass
2	4056.250	47.13	74.0	26.87	Peak	307.00	200	Vertical	Pass
2**	4056.250	38.15	54.0	15.85	AV	307.00	200	Vertical	Pass
3	5511.750	94.05	--	--	Peak	71.00	100	Vertical	N/A
3**	5511.750	86.10	--	--	AV	71.00	100	Vertical	N/A
4	7359.500	53.92	74.0	20.08	Peak	268.00	300	Vertical	Pass
4**	7359.500	44.09	54.0	9.91	AV	268.00	300	Vertical	Pass
5	12503.238	53.37	74.0	20.63	Peak	251.00	200	Vertical	Pass
5**	12503.238	45.01	54.0	8.99	AV	251.00	200	Vertical	Pass
6	15900.787	54.72	74.0	19.28	Peak	360.00	300	Vertical	Pass
6**	15900.787	45.35	54.0	8.65	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.700	38.19	74.0	35.81	Peak	18.00	200	Horizontal	Pass
1**	1601.700	28.89	54.0	25.11	AV	18.00	200	Horizontal	Pass
2	4298.000	47.14	74.0	26.86	Peak	229.00	200	Horizontal	Pass
2**	4298.000	37.46	54.0	16.54	AV	229.00	200	Horizontal	Pass
3	5589.000	102.59	--	--	Peak	229.00	100	Horizontal	N/A
3**	5589.000	95.12	--	--	AV	229.00	100	Horizontal	N/A
4	7608.250	53.41	74.0	20.59	Peak	11.00	300	Horizontal	Pass
4**	7608.250	44.18	54.0	9.82	AV	11.00	300	Horizontal	Pass
5	12510.599	54.00	74.0	20.00	Peak	126.00	100	Horizontal	Pass
5**	12510.599	44.74	54.0	9.26	AV	126.00	100	Horizontal	Pass
6	16074.563	54.25	74.0	19.75	Peak	28.00	100	Horizontal	Pass
6**	16074.563	44.47	54.0	9.53	AV	28.00	100	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	1496.100	38.44	74.0	35.56	Peak	152.00	100	Vertical	Pass
1**	1496.100	29.65	54.0	24.35	AV	152.00	100	Vertical	Pass
2	3983.250	47.27	74.0	26.73	Peak	285.00	200	Vertical	Pass
2**	3983.250	37.14	54.0	16.86	AV	285.00	200	Vertical	Pass
3	5587.000	95.17	--	--	Peak	67.00	150	Vertical	N/A
3**	5587.000	87.58	--	--	AV	67.00	150	Vertical	N/A
4	7655.000	53.29	74.0	20.71	Peak	147.00	400	Vertical	Pass
4**	7655.000	44.76	54.0	9.24	AV	147.00	400	Vertical	Pass
5	12477.112	53.40	74.0	20.60	Peak	125.00	150	Vertical	Pass
5**	12477.112	44.99	54.0	9.01	AV	125.00	150	Vertical	Pass
6	15921.526	54.69	74.0	19.31	Peak	307.00	300	Vertical	Pass
6**	15921.526	44.86	54.0	9.14	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.900	38.56	74.0	35.44	Peak	330.00	100	Horizontal	Pass
1**	1551.900	29.07	54.0	24.93	AV	330.00	100	Horizontal	Pass
2	4227.500	48.13	74.0	25.87	Peak	342.00	400	Horizontal	Pass
2**	4227.500	38.51	54.0	15.49	AV	342.00	400	Horizontal	Pass
3	5671.500	102.04	--	--	Peak	229.00	150	Horizontal	N/A
3**	5671.500	93.72	--	--	AV	229.00	150	Horizontal	N/A
4	7698.750	53.03	74.0	20.97	Peak	190.00	400	Horizontal	Pass
4**	7698.750	43.55	54.0	10.45	AV	190.00	400	Horizontal	Pass
5	12512.975	53.59	74.0	20.41	Peak	190.00	150	Horizontal	Pass
5**	12512.975	44.59	54.0	9.41	AV	190.00	150	Horizontal	Pass
6	16133.888	54.57	74.0	19.43	Peak	59.00	200	Horizontal	Pass
6**	16133.888	45.00	54.0	9.00	AV	59.00	200	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	1494.800	39.65	74.0	34.35	Peak	154.00	200	Vertical	Pass
1**	1494.800	30.99	54.0	23.01	AV	154.00	200	Vertical	Pass
2	4399.000	47.17	74.0	26.83	Peak	94.00	200	Vertical	Pass
2**	4399.000	38.18	54.0	15.82	AV	94.00	200	Vertical	Pass
3	5673.000	95.77	--	--	Peak	75.00	150	Vertical	N/A
3**	5673.000	87.60	--	--	AV	75.00	150	Vertical	N/A
4	7364.000	53.54	74.0	20.46	Peak	360.00	400	Vertical	Pass
4**	7364.000	44.03	54.0	9.97	AV	360.00	400	Vertical	Pass
5	12458.588	53.40	74.0	20.60	Peak	97.00	100	Vertical	Pass
5**	12458.588	44.42	54.0	9.58	AV	97.00	100	Vertical	Pass
6	15916.276	54.19	74.0	19.81	Peak	69.00	400	Vertical	Pass
6**	15916.276	45.14	54.0	8.86	AV	69.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.600	38.51	74.0	35.49	Peak	232.00	400	Horizontal	Pass
1**	1443.600	28.91	54.0	25.09	AV	232.00	400	Horizontal	Pass
2	4239.750	47.90	74.0	26.10	Peak	0.00	300	Horizontal	Pass
2**	4239.750	38.38	54.0	15.62	AV	0.00	300	Horizontal	Pass
3	5498.750	107.04	--	--	Peak	252.00	150	Horizontal	N/A
3**	5498.750	99.12	--	--	AV	252.00	150	Horizontal	N/A
4	7355.500	53.14	74.0	20.86	Peak	14.00	400	Horizontal	Pass
4**	7355.500	44.48	54.0	9.52	AV	14.00	400	Horizontal	Pass
5	11001.525	49.51	74.0	24.49	Peak	229.00	100	Horizontal	Pass
5**	11001.525	44.74	54.0	9.26	AV	229.00	100	Horizontal	Pass
6	16120.762	55.16	74.0	18.84	Peak	327.00	100	Horizontal	Pass
6**	16120.762	45.35	54.0	8.65	AV	327.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.800	39.37	74.0	34.63	Peak	142.00	100	Vertical	Pass
1**	1503.800	29.00	54.0	25.00	AV	142.00	100	Vertical	Pass
2	4038.750	47.21	74.0	26.79	Peak	211.00	200	Vertical	Pass
2**	4038.750	37.79	54.0	16.21	AV	211.00	200	Vertical	Pass
3	5501.250	98.03	--	--	Peak	94.00	100	Vertical	N/A
3**	5501.250	90.65	--	--	AV	94.00	100	Vertical	N/A
4	7608.000	53.24	74.0	20.76	Peak	94.00	300	Vertical	Pass
4**	7608.000	44.85	54.0	9.15	AV	94.00	300	Vertical	Pass
5	10998.912	50.77	74.0	23.23	Peak	241.00	100	Vertical	Pass
5**	10998.912	47.34	54.0	6.66	AV	241.00	100	Vertical	Pass
6	16130.213	54.02	74.0	19.98	Peak	77.00	100	Vertical	Pass
6**	16130.213	45.93	54.0	8.07	AV	77.00	100	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	1595.200	38.51	74.0	35.49	Peak	360.00	100	Horizontal	Pass
1**	1595.200	28.94	54.0	25.06	AV	360.00	100	Horizontal	Pass
2	4282.250	47.14	74.0	26.86	Peak	76.00	100	Horizontal	Pass
2**	4282.250	38.42	54.0	15.58	AV	76.00	100	Horizontal	Pass
3	5578.750	105.47	--	--	Peak	275.00	100	Horizontal	N/A
3**	5578.750	97.94	--	--	AV	275.00	100	Horizontal	N/A
4	7642.000	53.46	74.0	20.54	Peak	215.00	400	Horizontal	Pass
4**	7642.000	44.00	54.0	10.00	AV	215.00	400	Horizontal	Pass
5	11158.038	51.24	74.0	22.76	Peak	283.00	100	Horizontal	Pass
5**	11158.038	45.97	54.0	8.03	AV	283.00	100	Horizontal	Pass
6	15398.887	54.64	74.0	19.36	Peak	256.00	300	Horizontal	Pass
6**	15398.887	43.88	54.0	10.12	AV	256.00	300	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.600	39.17	74.0	34.83	Peak	125.00	200	Vertical	Pass
1**	1468.600	29.27	54.0	24.73	AV	125.00	200	Vertical	Pass
2	4236.500	47.43	74.0	26.57	Peak	350.00	200	Vertical	Pass
2**	4236.500	38.00	54.0	16.00	AV	350.00	200	Vertical	Pass
3	5579.250	98.01	--	--	Peak	93.00	200	Vertical	N/A
3**	5579.250	92.29	--	--	AV	93.00	200	Vertical	N/A
4	7583.250	53.03	74.0	20.97	Peak	14.00	400	Vertical	Pass
4**	7583.250	43.90	54.0	10.10	AV	14.00	400	Vertical	Pass
5	11159.700	52.68	74.0	21.32	Peak	243.00	100	Vertical	Pass
5**	11159.700	47.11	54.0	6.89	AV	243.00	100	Vertical	Pass
6	16112.099	55.26	74.0	18.74	Peak	258.00	200	Vertical	Pass
6**	16112.099	45.20	54.0	8.80	AV	258.00	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	1584.100	38.63	74.0	35.37	Peak	152.00	100	Horizontal	Pass
1**	1584.100	28.43	54.0	25.57	AV	152.00	100	Horizontal	Pass
2	4263.500	47.13	74.0	26.87	Peak	360.00	300	Horizontal	Pass
2**	4263.500	37.96	54.0	16.04	AV	360.00	300	Horizontal	Pass
3	5699.000	102.77	--	--	Peak	232.00	200	Horizontal	N/A
3**	5699.000	95.89	--	--	AV	232.00	200	Horizontal	N/A
4	7643.750	53.48	74.0	20.52	Peak	174.00	300	Horizontal	Pass
4**	7643.750	44.52	54.0	9.48	AV	174.00	300	Horizontal	Pass
5	12488.275	54.46	74.0	19.54	Peak	111.00	200	Horizontal	Pass
5**	12488.275	45.02	54.0	8.98	AV	111.00	200	Horizontal	Pass
6	16139.662	55.08	74.0	18.92	Peak	356.00	200	Horizontal	Pass
6**	16139.662	45.34	54.0	8.66	AV	356.00	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	1496.600	40.07	74.0	33.93	Peak	141.00	400	Vertical	Pass
1**	1496.600	29.63	54.0	24.37	AV	141.00	400	Vertical	Pass
2	4387.000	47.55	74.0	26.45	Peak	193.00	100	Vertical	Pass
2**	4387.000	38.68	54.0	15.32	AV	193.00	100	Vertical	Pass
3	5699.250	96.39	--	--	Peak	94.00	100	Vertical	N/A
3**	5699.250	89.05	--	--	AV	94.00	100	Vertical	N/A
4	7487.000	53.68	74.0	20.32	Peak	174.00	400	Vertical	Pass
4**	7487.000	44.23	54.0	9.77	AV	174.00	400	Vertical	Pass
5	11400.050	50.89	74.0	23.11	Peak	26.00	100	Vertical	Pass
5**	11400.050	46.25	54.0	7.75	AV	26.00	100	Vertical	Pass
6	16125.750	55.07	74.0	18.93	Peak	210.00	300	Vertical	Pass
6**	16125.750	46.06	54.0	7.94	AV	210.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.000	38.33	74.0	35.67	Peak	240.00	100	Horizontal	Pass
1**	1548.000	28.22	54.0	25.78	AV	240.00	100	Horizontal	Pass
2	4390.500	47.41	74.0	26.59	Peak	360.00	100	Horizontal	Pass
2**	4390.500	37.78	54.0	16.22	AV	360.00	100	Horizontal	Pass
3	5507.000	102.93	--	--	Peak	252.00	150	Horizontal	N/A
3**	5507.000	94.90	--	--	AV	252.00	150	Horizontal	N/A
4	7356.000	53.03	74.0	20.97	Peak	12.00	200	Horizontal	Pass
4**	7356.000	44.59	54.0	9.41	AV	12.00	200	Horizontal	Pass
5	12471.650	53.02	74.0	20.98	Peak	263.00	150	Horizontal	Pass
5**	12471.650	44.37	54.0	9.63	AV	263.00	150	Horizontal	Pass
6	16127.588	54.36	74.0	19.64	Peak	262.00	200	Horizontal	Pass
6**	16127.588	44.99	54.0	9.01	AV	262.00	200	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	1498.500	40.15	74.0	33.85	Peak	171.00	300	Vertical	Pass
1**	1498.500	29.72	54.0	24.28	AV	171.00	300	Vertical	Pass
2	4350.750	47.34	74.0	26.66	Peak	305.00	400	Vertical	Pass
2**	4350.750	38.38	54.0	15.62	AV	305.00	400	Vertical	Pass
3	5512.000	93.57	--	--	Peak	86.00	200	Vertical	N/A
3**	5512.000	86.55	--	--	AV	86.00	200	Vertical	N/A
4	7605.000	53.16	74.0	20.84	Peak	0.00	300	Vertical	Pass
4**	7605.000	43.95	54.0	10.05	AV	0.00	300	Vertical	Pass
5	12457.162	53.71	74.0	20.29	Peak	120.00	100	Vertical	Pass
5**	12457.162	44.85	54.0	9.15	AV	120.00	100	Vertical	Pass
6	15921.263	54.03	74.0	19.97	Peak	22.00	200	Vertical	Pass
6**	15921.263	45.61	54.0	8.39	AV	22.00	200	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	1513.700	38.54	74.0	35.46	Peak	67.00	100	Horizontal	Pass
1**	1513.700	28.75	54.0	25.25	AV	67.00	100	Horizontal	Pass
2	4365.250	47.72	74.0	26.28	Peak	69.00	400	Horizontal	Pass
2**	4365.250	37.91	54.0	16.09	AV	69.00	400	Horizontal	Pass
3	5587.000	102.87	--	--	Peak	246.00	200	Horizontal	N/A
3**	5587.000	95.05	--	--	AV	246.00	200	Horizontal	N/A
4	7356.250	52.98	74.0	21.02	Peak	341.00	300	Horizontal	Pass
4**	7356.250	44.07	54.0	9.93	AV	341.00	300	Horizontal	Pass
5	12464.763	53.64	74.0	20.36	Peak	312.00	150	Horizontal	Pass
5**	12464.763	44.20	54.0	9.80	AV	312.00	150	Horizontal	Pass
6	16087.425	54.33	74.0	19.67	Peak	360.00	200	Horizontal	Pass
6**	16087.425	44.42	54.0	9.58	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	40.01	74.0	33.99	Peak	169.00	200	Vertical	Pass
1**	1496.000	29.18	54.0	24.82	AV	169.00	200	Vertical	Pass
2	4332.500	48.14	74.0	25.86	Peak	110.00	400	Vertical	Pass
2**	4332.500	38.09	54.0	15.91	AV	110.00	400	Vertical	Pass
3	5591.750	95.53	--	--	Peak	71.00	150	Vertical	N/A
3**	5591.750	87.80	--	--	AV	71.00	150	Vertical	N/A
4	7304.000	53.16	74.0	20.84	Peak	71.00	400	Vertical	Pass
4**	7304.000	43.37	54.0	10.63	AV	71.00	400	Vertical	Pass
5	12503.238	53.18	74.0	20.82	Peak	118.00	100	Vertical	Pass
5**	12503.238	44.01	54.0	9.99	AV	118.00	100	Vertical	Pass
6	15908.662	54.65	74.0	19.35	Peak	127.00	200	Vertical	Pass
6**	15908.662	45.54	54.0	8.46	AV	127.00	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	1575.900	38.54	74.0	35.46	Peak	119.00	100	Horizontal	Pass
1**	1575.900	29.24	54.0	24.76	AV	119.00	100	Horizontal	Pass
2	4324.250	47.12	74.0	26.88	Peak	50.00	300	Horizontal	Pass
2**	4324.250	38.16	54.0	15.84	AV	50.00	300	Horizontal	Pass
3	5672.500	101.66	--	--	Peak	266.00	100	Horizontal	N/A
3**	5672.500	94.21	--	--	AV	266.00	100	Horizontal	N/A
4	7678.250	53.33	74.0	20.67	Peak	0.00	400	Horizontal	Pass
4**	7678.250	43.95	54.0	10.05	AV	0.00	400	Horizontal	Pass
5	12475.213	53.07	74.0	20.93	Peak	19.00	150	Horizontal	Pass
5**	12475.213	44.12	54.0	9.88	AV	19.00	150	Horizontal	Pass
6	16128.113	54.69	74.0	19.31	Peak	37.00	400	Horizontal	Pass
6**	16128.113	45.25	54.0	8.75	AV	37.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	40.67	74.0	33.33	Peak	159.00	300	Vertical	Pass
1**	1492.900	28.54	54.0	25.46	AV	159.00	300	Vertical	Pass
2	4270.750	47.22	74.0	26.78	Peak	307.00	400	Vertical	Pass
2**	4270.750	38.97	54.0	15.03	AV	307.00	400	Vertical	Pass
3	5671.500	95.34	--	--	Peak	71.00	150	Vertical	N/A
3**	5671.500	87.27	--	--	AV	71.00	150	Vertical	N/A
4	7652.250	53.07	74.0	20.93	Peak	169.00	200	Vertical	Pass
4**	7652.250	43.93	54.0	10.07	AV	169.00	200	Vertical	Pass
5	12475.924	54.25	74.0	19.75	Peak	191.00	200	Vertical	Pass
5**	12475.924	44.07	54.0	9.93	AV	191.00	200	Vertical	Pass
6	16109.213	55.01	74.0	18.99	Peak	285.00	400	Vertical	Pass
6**	16109.213	44.81	54.0	9.19	AV	285.00	400	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	1613.800	39.14	74.0	34.86	Peak	224.00	100	Horizontal	Pass
1**	1613.800	29.47	54.0	24.53	AV	224.00	100	Horizontal	Pass
2	4160.750	48.46	74.0	25.54	Peak	93.00	100	Horizontal	Pass
2**	4160.750	38.17	54.0	15.83	AV	93.00	100	Horizontal	Pass
3	5604.000	95.16	--	--	Peak	231.00	100	Horizontal	N/A
3**	5604.000	88.63	--	--	AV	231.00	100	Horizontal	N/A
4	7486.500	54.16	74.0	19.84	Peak	74.00	400	Horizontal	Pass
4**	7486.500	44.43	54.0	9.57	AV	74.00	400	Horizontal	Pass
5	12476.162	53.54	74.0	20.46	Peak	116.00	150	Horizontal	Pass
5**	12476.162	43.64	54.0	10.36	AV	116.00	150	Horizontal	Pass
6	15906.562	54.98	74.0	19.02	Peak	137.00	200	Horizontal	Pass
6**	15906.562	45.23	54.0	8.77	AV	137.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.600	39.07	74.0	34.93	Peak	157.00	100	Vertical	Pass
1**	1525.600	29.11	54.0	24.89	AV	157.00	100	Vertical	Pass
2	4348.750	47.40	74.0	26.60	Peak	94.00	400	Vertical	Pass
2**	4348.750	38.71	54.0	15.29	AV	94.00	400	Vertical	Pass
3	5616.250	87.59	--	--	Peak	94.00	100	Vertical	N/A
3**	5616.250	80.12	--	--	AV	94.00	100	Vertical	N/A
4	7614.000	53.02	74.0	20.98	Peak	94.00	200	Vertical	Pass
4**	7614.000	44.22	54.0	9.78	AV	94.00	200	Vertical	Pass
5	12404.912	53.57	74.0	20.43	Peak	181.00	200	Vertical	Pass
5**	12404.912	43.29	54.0	10.71	AV	181.00	200	Vertical	Pass
6	16072.724	54.16	74.0	19.84	Peak	360.00	100	Vertical	Pass
6**	16072.724	45.17	54.0	8.83	AV	360.00	100	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	1442.200	38.79	74.0	35.21	Peak	291.00	400	Horizontal	Pass
1**	1442.200	29.48	54.0	24.52	AV	291.00	400	Horizontal	Pass
2	4277.000	47.23	74.0	26.77	Peak	353.00	200	Horizontal	Pass
2**	4277.000	37.62	54.0	16.38	AV	353.00	200	Horizontal	Pass
3	5745.750	105.51	--	--	Peak	254.00	100	Horizontal	N/A
3**	5745.750	98.99	--	--	AV	254.00	100	Horizontal	N/A
4	7417.000	53.68	74.0	20.32	Peak	234.00	300	Horizontal	Pass
4**	7417.000	43.71	54.0	10.29	AV	234.00	300	Horizontal	Pass
5	12491.837	53.67	74.0	20.33	Peak	32.00	100	Horizontal	Pass
5**	12491.837	44.69	54.0	9.31	AV	32.00	100	Horizontal	Pass
6	16137.037	54.49	74.0	19.51	Peak	0.00	200	Horizontal	Pass
6**	16137.037	45.72	54.0	8.28	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.500	39.23	74.0	34.77	Peak	128.00	100	Vertical	Pass
1**	1604.500	29.34	54.0	24.66	AV	128.00	100	Vertical	Pass
2	4236.000	47.17	74.0	26.83	Peak	14.00	100	Vertical	Pass
2**	4236.000	37.61	54.0	16.39	AV	14.00	100	Vertical	Pass
3	5744.750	99.63	--	--	Peak	94.00	150	Vertical	N/A
3**	5744.750	92.95	--	--	AV	94.00	150	Vertical	N/A
4	7355.750	53.34	74.0	20.66	Peak	355.00	100	Vertical	Pass
4**	7355.750	44.27	54.0	9.73	AV	355.00	100	Vertical	Pass
5	11491.724	53.12	74.0	20.88	Peak	306.00	100	Vertical	Pass
5**	11491.724	47.98	54.0	6.02	AV	306.00	100	Vertical	Pass
6	15897.900	54.69	74.0	19.31	Peak	81.00	300	Vertical	Pass
6**	15897.900	45.69	54.0	8.31	AV	81.00	300	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	1613.000	38.36	74.0	35.64	Peak	0.00	100	Horizontal	Pass
1**	1613.000	29.12	54.0	24.88	AV	0.00	100	Horizontal	Pass
2	4399.250	48.22	74.0	25.78	Peak	273.00	300	Horizontal	Pass
2**	4399.250	38.21	54.0	15.79	AV	273.00	300	Horizontal	Pass
3	5784.000	106.01	--	--	Peak	252.00	100	Horizontal	N/A
3**	5784.000	98.37	--	--	AV	252.00	100	Horizontal	N/A
4	7599.250	55.19	74.0	18.81	Peak	273.00	100	Horizontal	Pass
4**	7599.250	45.28	54.0	8.72	AV	273.00	100	Horizontal	Pass
5	12504.901	54.45	74.0	19.55	Peak	142.00	100	Horizontal	Pass
5**	12504.901	44.11	54.0	9.89	AV	142.00	100	Horizontal	Pass
6	16123.912	54.81	74.0	19.19	Peak	183.00	400	Horizontal	Pass
6**	16123.912	46.42	54.0	7.58	AV	183.00	400	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	1496.500	40.44	74.0	33.56	Peak	142.00	300	Vertical	Pass
1**	1496.500	31.41	54.0	22.59	AV	142.00	300	Vertical	Pass
2	4306.750	48.06	74.0	25.94	Peak	93.00	200	Vertical	Pass
2**	4306.750	38.32	54.0	15.68	AV	93.00	200	Vertical	Pass
3	5786.250	100.39	--	--	Peak	93.00	150	Vertical	N/A
3**	5786.250	93.02	--	--	AV	93.00	150	Vertical	N/A
4	7645.500	53.30	74.0	20.70	Peak	232.00	300	Vertical	Pass
4**	7645.500	44.06	54.0	9.94	AV	232.00	300	Vertical	Pass
5	11572.237	51.72	74.0	22.28	Peak	339.00	100	Vertical	Pass
5**	11572.237	47.88	54.0	6.12	AV	339.00	100	Vertical	Pass
6	16136.776	54.36	74.0	19.64	Peak	319.00	200	Vertical	Pass
6**	16136.776	45.87	54.0	8.13	AV	319.00	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	1585.200	38.60	74.0	35.40	Peak	0.00	400	Horizontal	Pass
1**	1585.200	28.47	54.0	25.53	AV	0.00	400	Horizontal	Pass
2	4335.500	47.31	74.0	26.69	Peak	93.00	300	Horizontal	Pass
2**	4335.500	39.50	54.0	14.50	AV	93.00	300	Horizontal	Pass
3	5824.250	104.75	--	--	Peak	230.00	100	Horizontal	N/A
3**	5824.250	98.49	--	--	AV	230.00	100	Horizontal	N/A
4	7475.250	53.62	74.0	20.38	Peak	151.00	100	Horizontal	Pass
4**	7475.250	43.97	54.0	10.03	AV	151.00	100	Horizontal	Pass
5	12473.312	54.38	74.0	19.62	Peak	118.00	200	Horizontal	Pass
5**	12473.312	44.39	54.0	9.61	AV	118.00	200	Horizontal	Pass
6	16130.737	54.75	74.0	19.25	Peak	65.00	300	Horizontal	Pass
6**	16130.737	45.55	54.0	8.45	AV	65.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	40.43	74.0	33.57	Peak	168.00	100	Vertical	Pass
1**	1495.100	29.49	54.0	24.51	AV	168.00	100	Vertical	Pass
2	4357.000	47.18	74.0	26.82	Peak	0.00	200	Vertical	Pass
2**	4357.000	38.55	54.0	15.45	AV	0.00	200	Vertical	Pass
3	5826.000	99.21	--	--	Peak	75.00	100	Vertical	N/A
3**	5826.000	91.19	--	--	AV	75.00	100	Vertical	N/A
4	7583.500	53.49	74.0	20.51	Peak	360.00	400	Vertical	Pass
4**	7583.500	44.74	54.0	9.26	AV	360.00	400	Vertical	Pass
5	12528.175	53.19	74.0	20.81	Peak	285.00	100	Vertical	Pass
5**	12528.175	43.74	54.0	10.26	AV	285.00	100	Vertical	Pass
6	16133.625	54.31	74.0	19.69	Peak	185.00	200	Vertical	Pass
6**	16133.625	44.67	54.0	9.33	AV	185.00	200	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	1619.100	38.67	74.0	35.33	Peak	110.00	100	Horizontal	Pass
1**	1619.100	30.44	54.0	23.56	AV	110.00	100	Horizontal	Pass
2	4339.500	47.25	74.0	26.75	Peak	0.00	400	Horizontal	Pass
2**	4339.500	37.60	54.0	16.40	AV	0.00	400	Horizontal	Pass
3	5746.250	104.84	--	--	Peak	235.00	150	Horizontal	N/A
3**	5746.250	98.09	--	--	AV	235.00	150	Horizontal	N/A
4	7360.500	53.48	74.0	20.52	Peak	16.00	400	Horizontal	Pass
4**	7360.500	44.49	54.0	9.51	AV	16.00	400	Horizontal	Pass
5	11487.213	51.69	74.0	22.31	Peak	215.00	100	Horizontal	Pass
5**	11487.213	46.26	54.0	7.74	AV	215.00	100	Horizontal	Pass
6	16108.162	54.20	74.0	19.80	Peak	323.00	200	Horizontal	Pass
6**	16108.162	44.83	54.0	9.17	AV	323.00	200	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	1492.700	39.97	74.0	34.03	Peak	132.00	200	Vertical	Pass
1**	1492.700	30.72	54.0	23.28	AV	132.00	200	Vertical	Pass
2	4293.000	47.24	74.0	26.76	Peak	287.00	200	Vertical	Pass
2**	4293.000	37.65	54.0	16.35	AV	287.00	200	Vertical	Pass
3	5743.750	98.43	--	--	Peak	68.00	200	Vertical	N/A
3**	5743.750	91.41	--	--	AV	68.00	200	Vertical	N/A
4	7653.000	53.32	74.0	20.68	Peak	207.00	100	Vertical	Pass
4**	7653.000	44.11	54.0	9.89	AV	207.00	100	Vertical	Pass
5	11496.713	51.20	74.0	22.80	Peak	303.00	100	Vertical	Pass
5**	11496.713	47.55	54.0	6.45	AV	303.00	100	Vertical	Pass
6	15647.213	54.20	74.0	19.80	Peak	346.00	300	Vertical	Pass
6**	15647.213	44.28	54.0	9.72	AV	346.00	300	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	1466.800	38.58	74.0	35.42	Peak	334.00	200	Horizontal	Pass
1**	1466.800	28.39	54.0	25.61	AV	334.00	200	Horizontal	Pass
2	4321.000	48.64	74.0	25.36	Peak	344.00	300	Horizontal	Pass
2**	4321.000	39.17	54.0	14.83	AV	344.00	300	Horizontal	Pass
3	5786.250	105.64	--	--	Peak	225.00	150	Horizontal	N/A
3**	5786.250	98.57	--	--	AV	225.00	150	Horizontal	N/A
4	7429.500	53.71	74.0	20.29	Peak	344.00	400	Horizontal	Pass
4**	7429.500	44.30	54.0	9.70	AV	344.00	400	Horizontal	Pass
5	12504.188	53.41	74.0	20.59	Peak	6.00	100	Horizontal	Pass
5**	12504.188	44.66	54.0	9.34	AV	6.00	100	Horizontal	Pass
6	16105.800	55.04	74.0	18.96	Peak	360.00	100	Horizontal	Pass
6**	16105.800	45.56	54.0	8.44	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.400	39.52	74.0	34.48	Peak	149.00	100	Vertical	Pass
1**	1524.400	29.00	54.0	25.00	AV	149.00	100	Vertical	Pass
2	4221.500	47.27	74.0	26.73	Peak	266.00	400	Vertical	Pass
2**	4221.500	37.97	54.0	16.03	AV	266.00	400	Vertical	Pass
3	5786.250	99.26	--	--	Peak	68.00	100	Vertical	N/A
3**	5786.250	92.92	--	--	AV	68.00	100	Vertical	N/A
4	7317.000	53.56	74.0	20.44	Peak	266.00	100	Vertical	Pass
4**	7317.000	44.22	54.0	9.78	AV	266.00	100	Vertical	Pass
5	11570.575	51.30	74.0	22.70	Peak	312.00	100	Vertical	Pass
5**	11570.575	47.22	54.0	6.78	AV	312.00	100	Vertical	Pass
6	16136.776	54.49	74.0	19.51	Peak	23.00	200	Vertical	Pass
6**	16136.776	45.17	54.0	8.83	AV	23.00	200	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	1612.500	38.69	74.0	35.31	Peak	230.00	200	Horizontal	Pass
1**	1612.500	29.69	54.0	24.31	AV	230.00	200	Horizontal	Pass
2	4259.250	47.37	74.0	26.63	Peak	225.00	100	Horizontal	Pass
2**	4259.250	38.23	54.0	15.77	AV	225.00	100	Horizontal	Pass
3	5824.000	104.94	--	--	Peak	225.00	200	Horizontal	N/A
3**	5824.000	97.41	--	--	AV	225.00	200	Horizontal	N/A
4	7357.500	53.66	74.0	20.34	Peak	26.00	100	Horizontal	Pass
4**	7357.500	44.97	54.0	9.03	AV	26.00	100	Horizontal	Pass
5	12514.638	53.48	74.0	20.52	Peak	264.00	150	Horizontal	Pass
5**	12514.638	44.28	54.0	9.72	AV	264.00	150	Horizontal	Pass
6	16100.287	54.49	74.0	19.51	Peak	133.00	200	Horizontal	Pass
6**	16100.287	45.58	54.0	8.42	AV	133.00	200	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	1466.600	39.23	74.0	34.77	Peak	141.00	200	Vertical	Pass
1**	1466.600	28.29	54.0	25.71	AV	141.00	200	Vertical	Pass
2	3809.750	47.32	74.0	26.68	Peak	106.00	100	Vertical	Pass
2**	3809.750	36.08	54.0	17.92	AV	106.00	100	Vertical	Pass
3	5826.250	98.52	--	--	Peak	67.00	100	Vertical	N/A
3**	5826.250	91.80	--	--	AV	67.00	100	Vertical	N/A
4	7318.750	54.31	74.0	19.69	Peak	325.00	300	Vertical	Pass
4**	7318.750	44.16	54.0	9.84	AV	325.00	300	Vertical	Pass
5	12474.025	53.56	74.0	20.44	Peak	304.00	200	Vertical	Pass
5**	12474.025	44.41	54.0	9.59	AV	304.00	200	Vertical	Pass
6	15902.625	54.38	74.0	19.62	Peak	360.00	200	Vertical	Pass
6**	15902.625	45.47	54.0	8.53	AV	360.00	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	1481.000	38.52	74.0	35.48	Peak	279.00	300	Horizontal	Pass
1**	1481.000	28.88	54.0	25.12	AV	279.00	300	Horizontal	Pass
2	4212.750	47.21	74.0	26.79	Peak	283.00	400	Horizontal	Pass
2**	4212.750	36.99	54.0	17.01	AV	283.00	400	Horizontal	Pass
3	5752.500	100.37	--	--	Peak	244.00	200	Horizontal	N/A
3**	5752.500	93.58	--	--	AV	244.00	200	Horizontal	N/A
4	7427.500	54.80	74.0	19.20	Peak	84.00	300	Horizontal	Pass
4**	7427.500	45.85	54.0	8.15	AV	84.00	300	Horizontal	Pass
5	12479.487	53.60	74.0	20.40	Peak	328.00	150	Horizontal	Pass
5**	12479.487	43.53	54.0	10.47	AV	328.00	150	Horizontal	Pass
6	15921.526	54.36	74.0	19.64	Peak	82.00	200	Horizontal	Pass
6**	15921.526	45.15	54.0	8.85	AV	82.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.300	39.19	74.0	34.81	Peak	187.00	100	Vertical	Pass
1**	1552.300	29.14	54.0	24.86	AV	187.00	100	Vertical	Pass
2	4336.500	48.45	74.0	25.55	Peak	67.00	400	Vertical	Pass
2**	4336.500	38.39	54.0	15.61	AV	67.00	400	Vertical	Pass
3	5757.250	93.95	--	--	Peak	67.00	150	Vertical	N/A
3**	5757.250	86.52	--	--	AV	67.00	150	Vertical	N/A
4	7322.500	53.55	74.0	20.45	Peak	344.00	300	Vertical	Pass
4**	7322.500	43.68	54.0	10.32	AV	344.00	300	Vertical	Pass
5	11796.200	53.08	74.0	20.92	Peak	108.00	200	Vertical	Pass
5**	11796.200	43.99	54.0	10.01	AV	108.00	200	Vertical	Pass
6	16112.888	54.52	74.0	19.48	Peak	110.00	100	Vertical	Pass
6**	16112.888	44.99	54.0	9.01	AV	110.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.000	38.44	74.0	35.56	Peak	17.00	100	Horizontal	Pass
1**	1446.000	29.63	54.0	24.37	AV	17.00	100	Horizontal	Pass
2	4246.250	47.83	74.0	26.17	Peak	226.00	400	Horizontal	Pass
2**	4246.250	38.92	54.0	15.08	AV	226.00	400	Horizontal	Pass
3	5798.000	102.42	--	--	Peak	246.00	100	Horizontal	N/A
3**	5798.000	94.90	--	--	AV	246.00	100	Horizontal	N/A
4	7407.000	53.28	74.0	20.72	Peak	6.00	400	Horizontal	Pass
4**	7407.000	43.30	54.0	10.70	AV	6.00	400	Horizontal	Pass
5	12448.612	53.48	74.0	20.52	Peak	101.00	150	Horizontal	Pass
5**	12448.612	44.37	54.0	9.63	AV	101.00	150	Horizontal	Pass
6	16151.213	54.25	74.0	19.75	Peak	203.00	200	Horizontal	Pass
6**	16151.213	44.63	54.0	9.37	AV	203.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	41.76	74.0	32.24	Peak	142.00	100	Vertical	Pass
1**	1494.100	29.54	54.0	24.46	AV	142.00	100	Vertical	Pass
2	4314.250	47.58	74.0	26.42	Peak	285.00	200	Vertical	Pass
2**	4314.250	39.52	54.0	14.48	AV	285.00	200	Vertical	Pass
3	5792.250	95.59	--	--	Peak	65.00	100	Vertical	N/A
3**	5792.250	88.32	--	--	AV	65.00	100	Vertical	N/A
4	7636.250	53.55	74.0	20.45	Peak	125.00	400	Vertical	Pass
4**	7636.250	43.66	54.0	10.34	AV	125.00	400	Vertical	Pass
5	12554.537	53.17	74.0	20.83	Peak	50.00	100	Vertical	Pass
5**	12554.537	44.27	54.0	9.73	AV	50.00	100	Vertical	Pass
6	16111.050	54.66	74.0	19.34	Peak	156.00	100	Vertical	Pass
6**	16111.050	45.90	54.0	8.10	AV	156.00	100	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	1616.500	38.58	74.0	35.42	Peak	234.00	200	Horizontal	Pass
1**	1616.500	29.69	54.0	24.31	AV	234.00	200	Horizontal	Pass
2	4279.250	47.73	74.0	26.27	Peak	27.00	400	Horizontal	Pass
2**	4279.250	37.99	54.0	16.01	AV	27.00	400	Horizontal	Pass
3	5744.250	105.00	--	--	Peak	226.00	200	Horizontal	N/A
3**	5744.250	97.66	--	--	AV	226.00	200	Horizontal	N/A
4	7317.500	53.68	74.0	20.32	Peak	286.00	400	Horizontal	Pass
4**	7317.500	45.05	54.0	8.95	AV	286.00	400	Horizontal	Pass
5	11786.700	53.64	74.0	20.36	Peak	45.00	100	Horizontal	Pass
5**	11786.700	43.84	54.0	10.16	AV	45.00	100	Horizontal	Pass
6	16155.938	54.40	74.0	19.60	Peak	360.00	100	Horizontal	Pass
6**	16155.938	45.15	54.0	8.85	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	40.27	74.0	33.73	Peak	145.00	400	Vertical	Pass
1**	1498.600	29.20	54.0	24.80	AV	145.00	400	Vertical	Pass
2	4123.000	47.84	74.0	26.16	Peak	241.00	400	Vertical	Pass
2**	4123.000	37.59	54.0	16.41	AV	241.00	400	Vertical	Pass
3	5746.250	98.53	--	--	Peak	63.00	150	Vertical	N/A
3**	5746.250	92.13	--	--	AV	63.00	150	Vertical	N/A
4	7596.250	53.58	74.0	20.42	Peak	360.00	400	Vertical	Pass
4**	7596.250	44.03	54.0	9.97	AV	360.00	400	Vertical	Pass
5	11490.537	52.51	74.0	21.49	Peak	304.00	100	Vertical	Pass
5**	11490.537	47.68	54.0	6.32	AV	304.00	100	Vertical	Pass
6	16101.599	54.31	74.0	19.69	Peak	124.00	300	Vertical	Pass
6**	16101.599	45.91	54.0	8.09	AV	124.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	38.54	74.0	35.46	Peak	245.00	400	Horizontal	Pass
1**	1442.100	29.86	54.0	24.14	AV	245.00	400	Horizontal	Pass
2	4394.500	48.09	74.0	25.91	Peak	139.00	100	Horizontal	Pass
2**	4394.500	38.44	54.0	15.56	AV	139.00	100	Horizontal	Pass
3	5786.250	105.74	--	--	Peak	219.00	100	Horizontal	47.67
3**	5786.250	98.56	--	--	AV	219.00	100	Horizontal	N/A
4	7490.500	53.23	74.0	20.77	Peak	360.00	100	Horizontal	Pass
4**	7490.500	44.40	54.0	9.60	AV	360.00	100	Horizontal	Pass
5	12486.138	53.48	74.0	20.52	Peak	91.00	100	Horizontal	Pass
5**	12486.138	44.63	54.0	9.37	AV	91.00	100	Horizontal	Pass
6	16155.412	54.85	74.0	19.15	Peak	271.00	200	Horizontal	Pass
6**	16155.412	45.38	54.0	8.62	AV	271.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.000	40.13	74.0	33.87	Peak	156.00	400	Vertical	Pass
1**	1494.000	31.17	54.0	22.83	AV	156.00	400	Vertical	Pass
2	4334.000	47.24	74.0	26.76	Peak	0.00	100	Vertical	Pass
2**	4334.000	38.80	54.0	15.20	AV	0.00	100	Vertical	Pass
3	5785.000	99.59	--	--	Peak	63.00	100	Vertical	N/A
3**	5785.000	92.41	--	--	AV	63.00	100	Vertical	N/A
4	7644.500	53.43	74.0	20.57	Peak	123.00	400	Vertical	Pass
4**	7644.500	44.56	54.0	9.44	AV	123.00	400	Vertical	Pass
5	11564.401	52.14	74.0	21.86	Peak	344.00	100	Vertical	Pass
5**	11564.401	47.93	54.0	6.07	AV	344.00	100	Vertical	Pass
6	15892.125	54.36	74.0	19.64	Peak	19.00	100	Vertical	Pass
6**	15892.125	45.23	54.0	8.77	AV	19.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.700	38.77	74.0	35.23	Peak	52.00	400	Horizontal	Pass
1**	1586.700	29.04	54.0	24.96	AV	52.00	400	Horizontal	Pass
2	4331.750	47.67	74.0	26.33	Peak	360.00	300	Horizontal	Pass
2**	4331.750	38.63	54.0	15.37	AV	360.00	300	Horizontal	Pass
3	5823.750	104.15	--	--	Peak	241.00	100	Horizontal	N/A
3**	5823.750	96.50	--	--	AV	241.00	100	Horizontal	N/A
4	7606.750	53.74	74.0	20.26	Peak	83.00	100	Horizontal	Pass
4**	7606.750	44.94	54.0	9.06	AV	83.00	100	Horizontal	Pass
5	12498.962	53.67	74.0	20.33	Peak	195.00	200	Horizontal	Pass
5**	12498.962	44.02	54.0	9.98	AV	195.00	200	Horizontal	Pass
6	16139.400	54.51	74.0	19.49	Peak	261.00	100	Horizontal	Pass
6**	16139.400	45.59	54.0	8.41	AV	261.00	100	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	1441.200	38.79	74.0	35.21	Peak	137.00	300	Vertical	Pass
1**	1441.200	30.69	54.0	23.31	AV	137.00	300	Vertical	Pass
2	4237.000	47.23	74.0	26.77	Peak	360.00	300	Vertical	Pass
2**	4237.000	38.59	54.0	15.41	AV	360.00	300	Vertical	Pass
3	5826.000	98.32	--	--	Peak	81.00	200	Vertical	N/A
3**	5826.000	91.49	--	--	AV	81.00	200	Vertical	N/A
4	7354.500	53.70	74.0	20.30	Peak	360.00	300	Vertical	Pass
4**	7354.500	44.19	54.0	9.81	AV	360.00	300	Vertical	Pass
5	11761.287	53.68	74.0	20.32	Peak	226.00	200	Vertical	Pass
5**	11761.287	43.39	54.0	10.61	AV	226.00	200	Vertical	Pass
6	16146.224	54.48	74.0	19.52	Peak	13.00	200	Vertical	Pass
6**	16146.224	44.26	54.0	9.74	AV	13.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.700	38.63	74.0	35.37	Peak	306.00	200	Horizontal	Pass
1**	1600.700	28.73	54.0	25.27	AV	306.00	200	Horizontal	Pass
2	4285.500	47.81	74.0	26.19	Peak	285.00	300	Horizontal	Pass
2**	4285.500	38.10	54.0	15.90	AV	285.00	300	Horizontal	Pass
3	5758.000	100.62	--	--	Peak	244.00	100	Horizontal	N/A
3**	5758.000	92.97	--	--	AV	244.00	100	Horizontal	N/A
4	7592.250	53.58	74.0	20.42	Peak	145.00	200	Horizontal	Pass
4**	7592.250	44.43	54.0	9.57	AV	145.00	200	Horizontal	Pass
5	12467.613	53.43	74.0	20.57	Peak	241.00	100	Horizontal	Pass
5**	12467.613	45.01	54.0	8.99	AV	241.00	100	Horizontal	Pass
6	15898.162	55.42	74.0	18.58	Peak	193.00	200	Horizontal	Pass
6**	15898.162	45.90	54.0	8.10	AV	193.00	200	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	1493.900	43.53	74.0	30.47	Peak	153.00	100	Vertical	Pass
1**	1493.900	34.03	54.0	19.97	AV	153.00	100	Vertical	Pass
2	4197.750	47.44	74.0	26.56	Peak	246.00	400	Vertical	Pass
2**	4197.750	37.49	54.0	16.51	AV	246.00	400	Vertical	Pass
3	5756.250	94.28	--	--	Peak	87.00	200	Vertical	N/A
3**	5756.250	86.73	--	--	AV	87.00	200	Vertical	N/A
4	7598.750	53.35	74.0	20.65	Peak	26.00	400	Vertical	Pass
4**	7598.750	45.54	54.0	8.46	AV	26.00	400	Vertical	Pass
5	11741.100	53.12	74.0	20.88	Peak	64.00	100	Vertical	Pass
5**	11741.100	43.46	54.0	10.54	AV	64.00	100	Vertical	Pass
6	16110.000	54.12	74.0	19.88	Peak	49.00	100	Vertical	Pass
6**	16110.000	44.92	54.0	9.08	AV	49.00	100	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	1544.700	39.02	74.0	34.98	Peak	19.00	400	Horizontal	Pass
1**	1544.700	29.67	54.0	24.33	AV	19.00	400	Horizontal	Pass
2	4340.500	47.21	74.0	26.79	Peak	23.00	100	Horizontal	Pass
2**	4340.500	38.54	54.0	15.46	AV	23.00	100	Horizontal	Pass
3	5797.000	100.78	--	--	Peak	244.00	150	Horizontal	N/A
3**	5797.000	93.23	--	--	AV	244.00	150	Horizontal	N/A
4	7585.750	53.54	74.0	20.46	Peak	263.00	300	Horizontal	Pass
4**	7585.750	43.60	54.0	10.40	AV	263.00	300	Horizontal	Pass
5	12465.475	53.47	74.0	20.53	Peak	18.00	100	Horizontal	Pass
5**	12465.475	44.08	54.0	9.92	AV	18.00	100	Horizontal	Pass
6	16124.438	54.54	74.0	19.46	Peak	110.00	300	Horizontal	Pass
6**	16124.438	45.69	54.0	8.31	AV	110.00	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	1497.200	38.88	74.0	35.12	Peak	33.00	300	Vertical	Pass
1**	1497.200	31.28	54.0	22.72	AV	33.00	300	Vertical	Pass
2	4255.750	46.90	74.0	27.10	Peak	66.00	400	Vertical	Pass
2**	4255.750	38.07	54.0	15.93	AV	66.00	400	Vertical	Pass
3	5796.750	94.25	--	--	Peak	66.00	100	Vertical	N/A
3**	5796.750	87.04	--	--	AV	66.00	100	Vertical	N/A
4	7638.500	53.06	74.0	20.94	Peak	283.00	300	Vertical	Pass
4**	7638.500	43.57	54.0	10.43	AV	283.00	300	Vertical	Pass
5	12437.450	53.36	74.0	20.64	Peak	334.00	200	Vertical	Pass
5**	12437.450	43.75	54.0	10.25	AV	334.00	200	Vertical	Pass
6	16128.638	54.04	74.0	19.96	Peak	341.00	300	Vertical	Pass
6**	16128.638	45.11	54.0	8.89	AV	341.00	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	1614.000	39.61	74.0	34.39	Peak	180.00	200	Horizontal	Pass
1**	1614.000	29.22	54.0	24.78	AV	180.00	200	Horizontal	Pass
2	4315.250	47.66	74.0	26.34	Peak	42.00	400	Horizontal	Pass
2**	4315.250	38.10	54.0	15.90	AV	42.00	400	Horizontal	Pass
3	5780.500	98.35	--	--	Peak	241.00	100	Horizontal	N/A
3**	5780.500	91.43	--	--	AV	241.00	100	Horizontal	N/A
4	7407.000	53.53	74.0	20.47	Peak	360.00	400	Horizontal	Pass
4**	7407.000	44.08	54.0	9.92	AV	360.00	400	Horizontal	Pass
5	12460.488	53.51	74.0	20.49	Peak	0.00	100	Horizontal	Pass
5**	12460.488	44.00	54.0	10.00	AV	0.00	100	Horizontal	Pass
6	15915.487	55.01	74.0	18.99	Peak	149.00	400	Horizontal	Pass
6**	15915.487	45.70	54.0	8.30	AV	149.00	400	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	1522.300	39.17	74.0	34.83	Peak	137.00	400	Vertical	Pass
1**	1522.300	29.22	54.0	24.78	AV	137.00	400	Vertical	Pass
2	3610.000	47.91	74.0	26.09	Peak	106.00	300	Vertical	Pass
2**	3610.000	36.85	54.0	17.15	AV	106.00	300	Vertical	Pass
3	5780.000	92.96	--	--	Peak	65.00	150	Vertical	N/A
3**	5780.000	84.91	--	--	AV	65.00	150	Vertical	N/A
4	7367.750	53.42	74.0	20.58	Peak	0.00	300	Vertical	Pass
4**	7367.750	44.31	54.0	9.69	AV	0.00	300	Vertical	Pass
5	12510.599	53.61	74.0	20.39	Peak	270.00	100	Vertical	Pass
5**	12510.599	45.26	54.0	8.74	AV	270.00	100	Vertical	Pass
6	15889.237	54.49	74.0	19.51	Peak	2.00	100	Vertical	Pass
6**	15889.237	46.36	54.0	7.64	AV	2.00	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Band	Mode	Channel	Verdict
U-NII-2C&U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass
	802.11ax(HE20)(SU)	144	Pass
	802.11ax(HE40)(SU)	142	Pass
	802.11ax(HE80)(SU)	138	Pass
	802.11ax(HE20)(RU26)	144	Pass
	802.11ax(HE40)(RU26)	142	Pass
	802.11ax(HE80)(RU26)	138	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	5148.917	58.68	74.0	15.32	Peak	264.00	200	Horizontal	Pass
1**	5148.917	48.13	54.0	5.87	AV	264.00	200	Horizontal	Pass
2	5150.000	59.85	74.0	14.15	Peak	247.00	200	Horizontal	Pass
2**	5150.000	48.46	54.0	5.54	AV	247.00	200	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	55.92	74.0	18.08	Peak	30.00	150	Horizontal	Pass
1**	5350.000	45.62	54.0	8.38	AV	30.00	150	Horizontal	Pass
2	5357.150	56.76	74.0	17.24	Peak	278.00	150	Horizontal	Pass
2**	5357.150	45.27	54.0	8.73	AV	278.00	150	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	5146.750	59.04	74.0	14.96	Peak	222.00	100	Horizontal	Pass
1**	5146.750	47.02	54.0	6.98	AV	222.00	100	Horizontal	Pass
2	5150.000	59.32	74.0	14.68	Peak	257.00	100	Horizontal	Pass
2**	5150.000	48.17	54.0	5.83	AV	257.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.97	74.0	18.03	Peak	172.00	150	Horizontal	Pass
1**	5350.000	45.58	54.0	8.42	AV	172.00	150	Horizontal	Pass
2	5391.984	57.46	74.0	16.54	Peak	257.00	100	Horizontal	Pass
2**	5391.984	44.88	54.0	9.12	AV	257.00	100	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	5148.917	58.68	74.0	15.32	Peak	218.00	150	Horizontal	Pass
1**	5148.917	47.39	54.0	6.61	AV	218.00	150	Horizontal	Pass
2	5150.000	58.86	74.0	15.14	Peak	225.00	100	Horizontal	Pass
2**	5150.000	47.60	54.0	6.40	AV	225.00	100	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	55.78	74.0	18.22	Peak	360.00	200	Horizontal	Pass
1**	5350.000	45.34	54.0	8.66	AV	360.00	200	Horizontal	Pass
2	5351.100	56.48	74.0	17.52	Peak	283.00	200	Horizontal	Pass
2**	5351.100	44.99	54.0	9.01	AV	283.00	200	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	5148.917	59.05	74.0	14.95	Peak	246.00	150	Horizontal	Pass
1**	5148.917	47.37	54.0	6.63	AV	246.00	150	Horizontal	Pass
2	5150.000	58.98	74.0	15.02	Peak	232.00	150	Horizontal	Pass
2**	5150.000	47.88	54.0	6.12	AV	232.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.34	74.0	17.66	Peak	267.00	150	Horizontal	Pass
1**	5350.000	45.48	54.0	8.52	AV	267.00	150	Horizontal	Pass
2	5386.483	57.50	74.0	16.50	Peak	81.00	100	Horizontal	Pass
2**	5386.483	45.00	54.0	9.00	AV	81.00	100	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	5146.750	57.63	74.0	16.37	Peak	256.00	100	Horizontal	Pass
1**	5146.750	47.02	54.0	6.98	AV	256.00	100	Horizontal	Pass
2	5150.000	58.05	74.0	15.95	Peak	258.00	200	Horizontal	Pass
2**	5150.000	47.55	54.0	6.45	AV	258.00	200	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	55.32	74.0	18.68	Peak	122.00	150	Horizontal	Pass
1**	5350.000	45.37	54.0	8.63	AV	122.00	150	Horizontal	Pass
2	5386.300	56.95	74.0	17.05	Peak	339.00	150	Horizontal	Pass
2**	5386.300	44.45	54.0	9.55	AV	339.00	150	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	5148.917	58.73	74.0	15.27	Peak	230.00	100	Horizontal	Pass
1**	5148.917	48.24	54.0	5.76	AV	230.00	100	Horizontal	Pass
2	5150.000	57.96	74.0	16.04	Peak	230.00	150	Horizontal	Pass
2**	5150.000	48.34	54.0	5.66	AV	230.00	150	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	55.79	74.0	18.21	Peak	0.00	150	Horizontal	Pass
1**	5350.000	45.49	54.0	8.51	AV	0.00	150	Horizontal	Pass
2	5384.467	57.29	74.0	16.71	Peak	338.00	150	Horizontal	Pass
2**	5384.467	45.43	54.0	8.57	AV	338.00	150	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	5134.834	56.10	74.0	17.90	Peak	80.00	200	Horizontal	Pass
1**	5134.834	44.70	54.0	9.30	AV	80.00	200	Horizontal	Pass
2	5150.000	54.48	74.0	19.52	Peak	90.00	100	Horizontal	Pass
2**	5150.000	44.51	54.0	9.49	AV	90.00	100	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.96	74.0	16.04	Peak	232.00	100	Horizontal	Pass
1**	5350.000	48.18	54.0	5.82	AV	232.00	100	Horizontal	Pass
2	5352.383	58.66	74.0	15.34	Peak	237.00	150	Horizontal	Pass
2**	5352.383	47.60	54.0	6.40	AV	237.00	150	Horizontal	Pass
3	5350.000	57.96	74.0	16.04	Peak	232.00	100	Horizontal	Pass
3**	5350.000	48.18	54.0	5.82	AV	232.00	100	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	5128.333	56.12	74.0	17.88	Peak	73.00	150	Horizontal	Pass
1**	5128.333	45.04	54.0	8.96	AV	73.00	150	Horizontal	Pass
2	5150.000	55.39	74.0	18.61	Peak	205.00	150	Horizontal	Pass
2**	5150.000	44.63	54.0	9.37	AV	205.00	150	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	59.24	74.0	14.76	Peak	243.00	150	Horizontal	Pass
1**	5350.000	48.50	54.0	5.50	AV	243.00	150	Horizontal	Pass
2	5352.016	58.91	74.0	15.09	Peak	246.00	200	Horizontal	Pass
2**	5352.016	47.64	54.0	6.36	AV	246.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.250	56.06	74.0	17.94	Peak	198.00	150	Horizontal	Pass
1**	5127.250	44.81	54.0	9.19	AV	198.00	150	Horizontal	Pass
2	5150.000	55.04	74.0	18.96	Peak	17.00	200	Horizontal	Pass
2**	5150.000	44.59	54.0	9.41	AV	17.00	200	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	58.62	74.0	15.38	Peak	232.00	100	Horizontal	Pass
1**	5350.000	48.64	54.0	5.36	AV	232.00	100	Horizontal	Pass
2	5352.750	59.22	74.0	14.78	Peak	242.00	100	Horizontal	Pass
2**	5352.750	48.79	54.0	5.21	AV	242.00	100	Horizontal	Pass
3	5350.917	59.05	74.0	14.95	Peak	247.00	100	Horizontal	Pass
3**	5350.917	48.84	54.0	5.16	AV	247.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4986.417	56.47	74.0	17.53	Peak	358.00	200	Horizontal	Pass
1**	4986.417	44.06	54.0	9.94	AV	358.00	200	Horizontal	Pass
2	5150.000	54.98	74.0	19.02	Peak	76.00	150	Horizontal	Pass
2**	5150.000	44.46	54.0	9.54	AV	76.00	150	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	58.41	74.0	15.59	Peak	249.00	200	Horizontal	Pass
1**	5350.000	48.44	54.0	5.56	AV	249.00	200	Horizontal	Pass
2	5351.834	59.06	74.0	14.94	Peak	212.00	150	Horizontal	Pass
2**	5351.834	47.92	54.0	6.08	AV	212.00	150	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	5130.500	55.85	74.0	18.15	Peak	17.00	150	Horizontal	Pass
1**	5130.500	44.99	54.0	9.01	AV	17.00	150	Horizontal	Pass
2	5150.000	55.09	74.0	18.91	Peak	360.00	200	Horizontal	Pass
2**	5150.000	44.40	54.0	9.60	AV	360.00	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	58.47	74.0	15.53	Peak	272.00	200	Horizontal	Pass
1**	5350.000	48.62	54.0	5.38	AV	272.00	200	Horizontal	Pass
2	5350.367	60.64	74.0	13.36	Peak	245.00	200	Horizontal	Pass
2**	5350.367	48.50	54.0	5.50	AV	245.00	200	Horizontal	Pass
3	5350.917	59.18	74.0	14.82	Peak	210.00	100	Horizontal	Pass
3**	5350.917	48.83	54.0	5.17	AV	210.00	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	5148.917	56.21	74.0	17.79	Peak	213.00	200	Horizontal	Pass
1**	5148.917	44.39	54.0	9.61	AV	213.00	200	Horizontal	Pass
2	5150.000	56.45	74.0	17.55	Peak	5.00	200	Horizontal	Pass
2**	5150.000	44.55	54.0	9.45	AV	5.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.43	74.0	16.57	Peak	270.00	150	Horizontal	Pass
1**	5350.000	47.93	54.0	6.07	AV	270.00	150	Horizontal	Pass
2	5351.467	58.99	74.0	15.01	Peak	234.00	100	Horizontal	Pass
2**	5351.467	47.83	54.0	6.17	AV	234.00	100	Horizontal	Pass
3	5350.917	57.82	74.0	16.18	Peak	241.00	100	Horizontal	Pass
3**	5350.917	48.20	54.0	5.80	AV	241.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.600	56.88	74.0	17.12	Peak	232.00	100	Horizontal	Pass
1**	5459.600	45.83	54.0	8.17	AV	232.00	100	Horizontal	Pass
2	5460.000	55.33	74.0	18.67	Peak	238.00	150	Horizontal	Pass
2**	5460.000	45.73	54.0	8.27	AV	238.00	150	Horizontal	Pass
3	5469.400	59.85	68.2	8.35	Peak	227.00	100	Horizontal	Pass
3**	5469.400	48.30	--	--	AV	227.00	100	Horizontal	N/A
4	5469.800	59.27	68.2	8.93	Peak	228.00	200	Horizontal	Pass
4**	5469.800	48.37	--	--	AV	228.00	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	56.03	68.2	12.17	Peak	259.00	100	Horizontal	Pass
2	5731.041	57.62	68.2	10.58	Peak	286.00	200	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	5353.200	56.83	74.0	17.17	Peak	249.00	200	Horizontal	Pass
1**	5353.200	45.17	54.0	8.83	AV	249.00	200	Horizontal	Pass
2	5460.000	55.04	74.0	18.96	Peak	232.00	200	Horizontal	Pass
2**	5460.000	44.28	54.0	9.72	AV	232.00	200	Horizontal	Pass
3	5469.200	56.82	68.2	11.38	Peak	237.00	100	Horizontal	Pass
3**	5469.200	45.64	--	--	AV	237.00	100	Horizontal	N/A
4	5469.800	56.04	68.2	12.16	Peak	230.00	100	Horizontal	Pass
4**	5469.800	46.01	--	--	AV	230.00	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	56.27	68.2	11.93	Peak	221.00	150	Horizontal	Pass
2	5792.916	57.91	68.2	10.29	Peak	128.00	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	5458.600	58.39	74.0	15.61	Peak	246.00	150	Horizontal	Pass
1**	5458.600	47.29	54.0	6.71	AV	246.00	150	Horizontal	Pass
2	5460.000	56.57	74.0	17.43	Peak	249.00	150	Horizontal	Pass
2**	5460.000	47.40	54.0	6.60	AV	249.00	150	Horizontal	Pass
3	5468.400	60.54	68.2	7.66	Peak	249.00	100	Horizontal	Pass
3**	5468.400	49.80	--	--	AV	249.00	100	Horizontal	N/A
4	5469.800	60.11	68.2	8.09	Peak	249.00	150	Horizontal	Pass
4**	5469.800	50.18	--	--	AV	249.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.88	68.2	13.32	Peak	229.00	150	Horizontal	Pass
2	5834.375	57.44	68.2	10.76	Peak	152.00	150	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	5385.400	57.06	74.0	16.94	Peak	203.00	150	Horizontal	Pass
1**	5385.400	44.99	54.0	9.01	AV	203.00	150	Horizontal	Pass
2	5460.000	55.16	74.0	18.84	Peak	262.00	150	Horizontal	Pass
2**	5460.000	44.48	54.0	9.52	AV	262.00	150	Horizontal	Pass
3	5467.000	57.46	68.2	10.74	Peak	222.00	200	Horizontal	Pass
3**	5467.000	45.55	--	--	AV	222.00	200	Horizontal	N/A
4	5469.800	55.79	68.2	12.41	Peak	217.00	200	Horizontal	Pass
4**	5469.800	46.06	--	--	AV	217.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.18	68.2	10.02	Peak	228.00	150	Horizontal	Pass
2	5831.667	58.06	68.2	10.14	Peak	106.00	150	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	5458.800	58.84	74.0	15.16	Peak	230.00	100	Horizontal	Pass
1**	5458.800	47.12	54.0	6.88	AV	230.00	100	Horizontal	Pass
2	5460.000	56.21	74.0	17.79	Peak	266.00	100	Horizontal	Pass
2**	5460.000	47.32	54.0	6.68	AV	266.00	100	Horizontal	Pass
3	5468.600	61.95	68.2	6.25	Peak	261.00	150	Horizontal	Pass
3**	5468.600	49.79	--	--	AV	261.00	150	Horizontal	N/A
4	5469.800	59.70	68.2	8.50	Peak	244.00	100	Horizontal	Pass
4**	5469.800	50.12	--	--	AV	244.00	100	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	54.94	68.2	13.26	Peak	264.00	200	Horizontal	Pass
2	5751.875	56.79	68.2	11.41	Peak	135.00	100	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	5452.800	61.21	74.0	12.79	Peak	239.00	100	Horizontal	Pass
1**	5452.800	47.75	54.0	6.25	AV	239.00	100	Horizontal	Pass
2	5460.000	58.69	74.0	15.31	Peak	243.00	150	Horizontal	Pass
2**	5460.000	48.22	54.0	5.78	AV	243.00	150	Horizontal	Pass
3	5469.800	62.77	68.2	5.43	Peak	239.00	200	Horizontal	Pass
3**	5469.800	48.18	--	--	AV	239.00	200	Horizontal	N/A
4	5469.800	62.77	68.2	5.43	Peak	239.00	200	Horizontal	Pass
4**	5469.800	48.18	--	--	AV	239.00	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	55.64	68.2	12.56	Peak	115.00	150	Horizontal	Pass
2	5805.209	57.87	68.2	10.33	Peak	255.00	200	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.417	56.62	68.2	11.58	Peak	290.00	100	Horizontal	Pass
2	5650.000	55.01	68.2	13.19	Peak	309.00	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	5924.750	55.46	68.4	12.94	Peak	360.00	100	Horizontal	Pass
2	5940.500	57.13	68.2	11.07	Peak	147.00	200	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	5603.542	56.16	68.2	12.04	Peak	33.00	100	Horizontal	Pass
2	5650.000	55.59	68.2	12.61	Peak	263.00	150	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	5924.750	56.50	68.4	11.90	Peak	101.00	100	Horizontal	Pass
2	5929.000	57.49	68.2	10.71	Peak	81.00	100	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	5636.250	56.96	68.2	11.24	Peak	0.00	100	Horizontal	Pass
2	5650.000	55.34	68.2	12.86	Peak	312.00	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	5924.750	56.01	68.4	12.39	Peak	43.00	100	Horizontal	Pass
2	5930.750	57.06	68.2	11.14	Peak	179.00	150	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	5648.958	56.28	68.2	11.92	Peak	302.00	100	Horizontal	Pass
2	5650.000	55.79	68.2	12.41	Peak	155.00	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	5924.750	55.72	68.4	12.68	Peak	195.00	150	Horizontal	Pass
2	5945.000	57.16	68.2	11.04	Peak	127.00	150	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	5601.667	56.28	68.2	11.92	Peak	11.00	200	Horizontal	Pass
2	5650.000	55.87	68.2	12.33	Peak	151.00	200	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	5924.750	55.38	68.4	13.02	Peak	137.00	150	Horizontal	Pass
2	5965.000	57.03	68.2	11.17	Peak	140.00	200	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	5649.166	56.57	68.2	11.63	Peak	230.00	200	Horizontal	Pass
2	5650.000	56.37	68.2	11.83	Peak	246.00	200	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	5924.750	55.57	68.4	12.83	Peak	185.00	100	Horizontal	Pass
2	5947.500	57.37	68.2	10.83	Peak	161.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2580929-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2580929-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2580929-AI.PDF”.

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