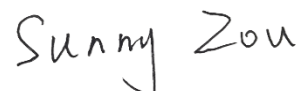


TEST REPORT

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: Tablet
Model Name: OPD2419
Brand Name: OPPO
FCC ID: R9C-OP-24978
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Feb. 18, 2025
Test Date: Feb. 24, 2025 - Mar. 06, 2025
Date of Issue: Mar. 19, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Li Ganming**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Mar. 19, 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	Tablet
Model Name Under Test	OPD2419
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	OPD2419_11
Software Version	ColorOS 15
Dimensions (Approx.)	255.14mm(L)X 188.06mm(W)X6.89mm(H)
Weight (Approx.)	545g
EUT ID	S17, S12
Serial Number	S17: H621519000044F1F004L
	S12: H621519000044F1F003S

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80)
-----------------------------------	--

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: 45.29 mW U-NII-2A: 42.76 mW U-NII-2C: 73.79 mW U-NII-3: 61.24 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 2.36 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.43 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.50 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.70 dBi
About the Product	The equipment is Tablet, intended for used with information technology equipment.

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

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	41% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.8℃ to +26.1℃
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
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	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
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	Agilent	N9038A	MY55330120	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27
Anechoic Chamber	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

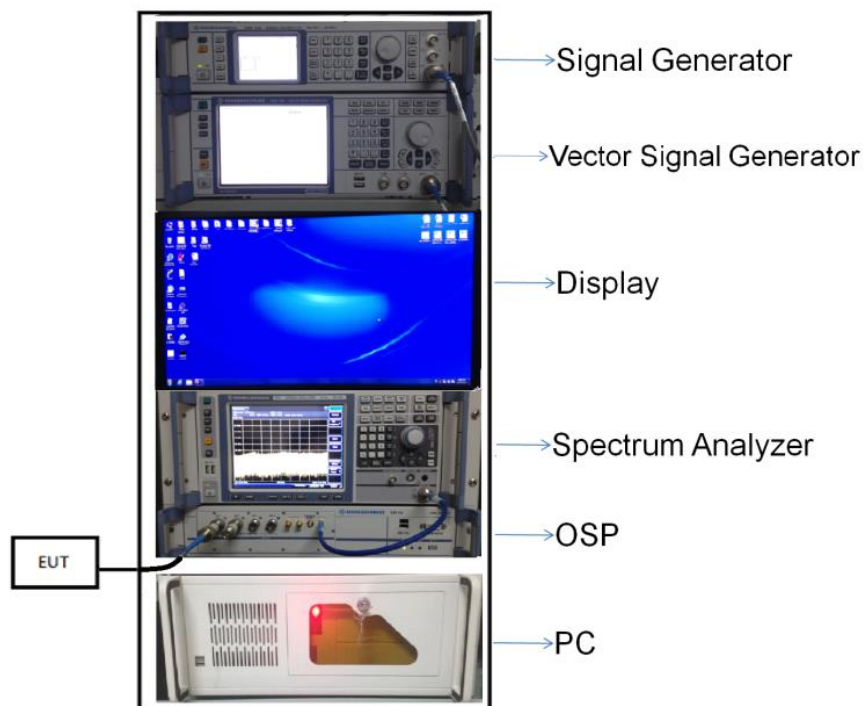
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

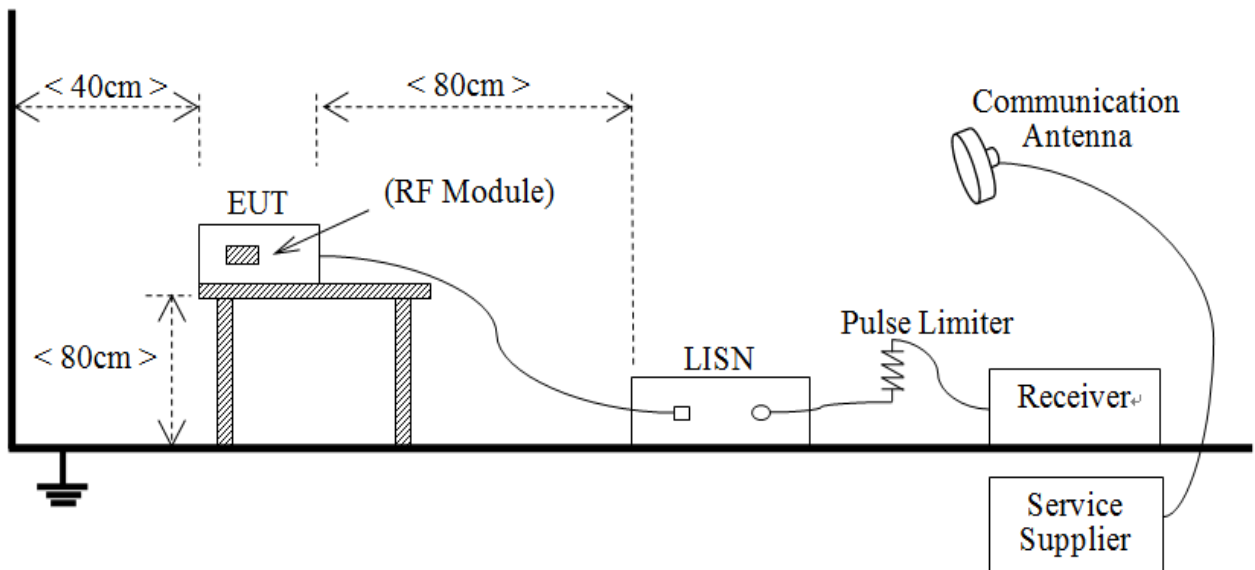
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



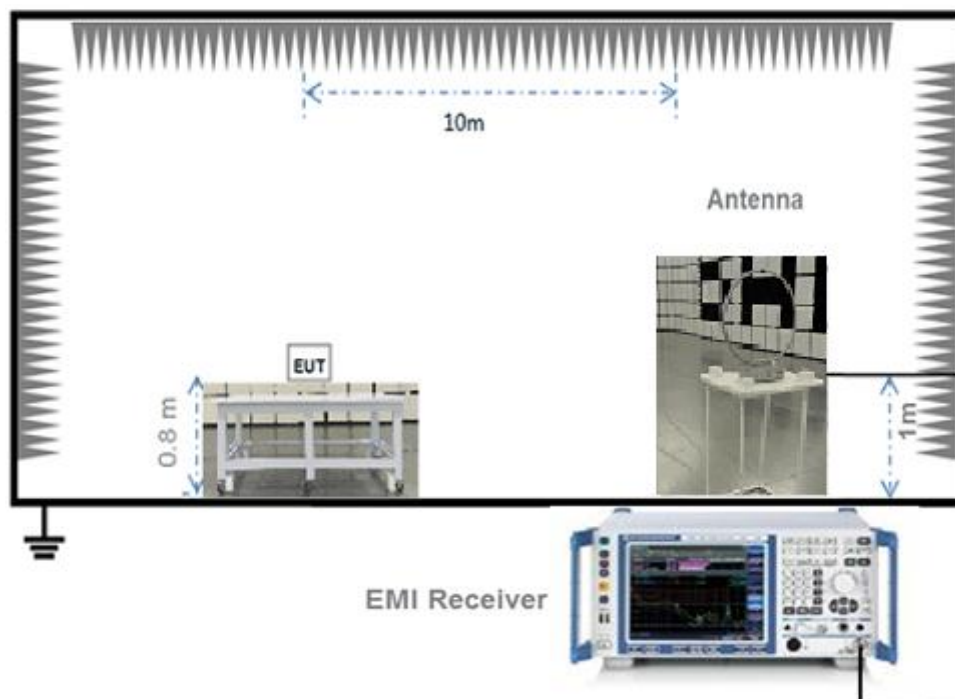
(Diagram 1)

4.5.2 For AC Power Supply Port Test



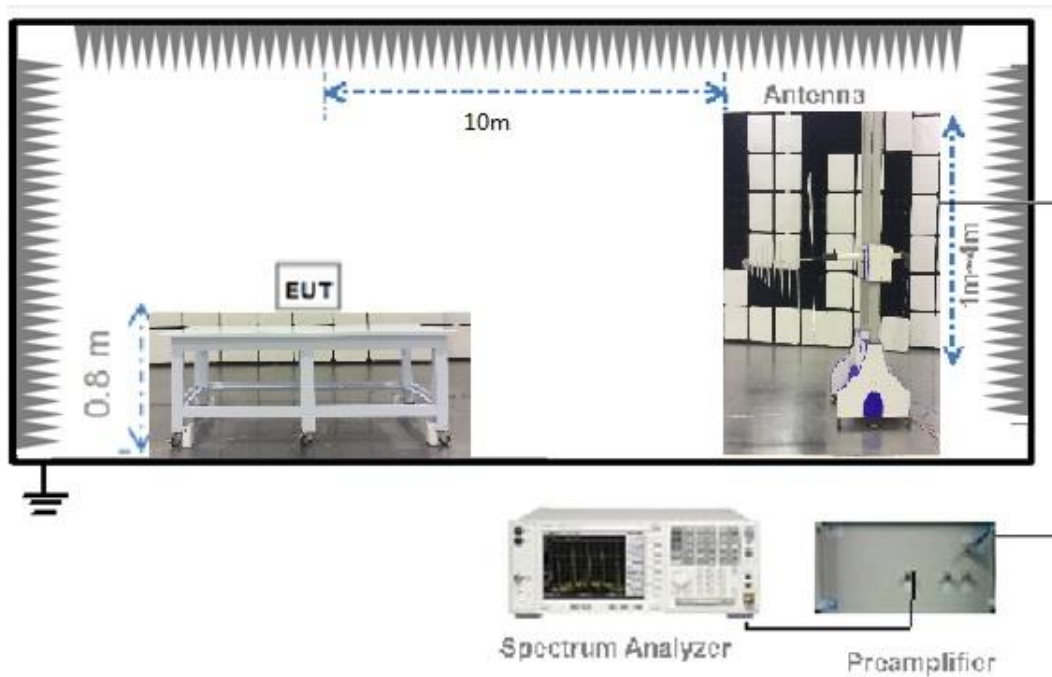
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



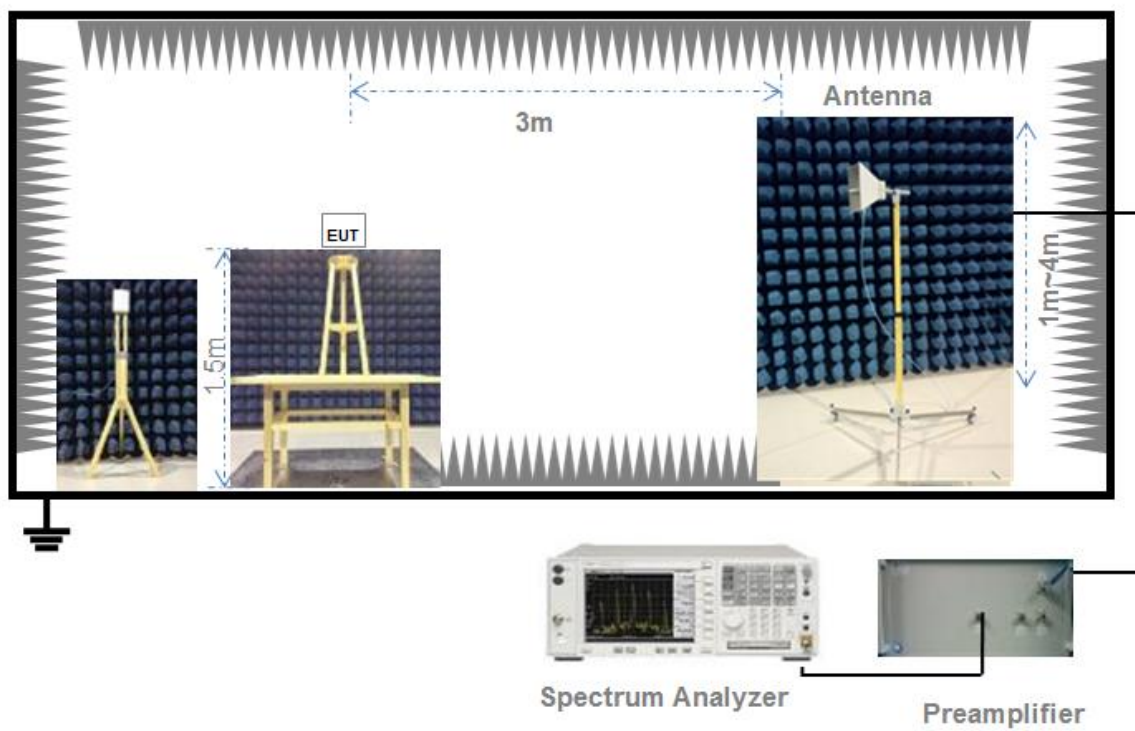
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW $\geq$ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

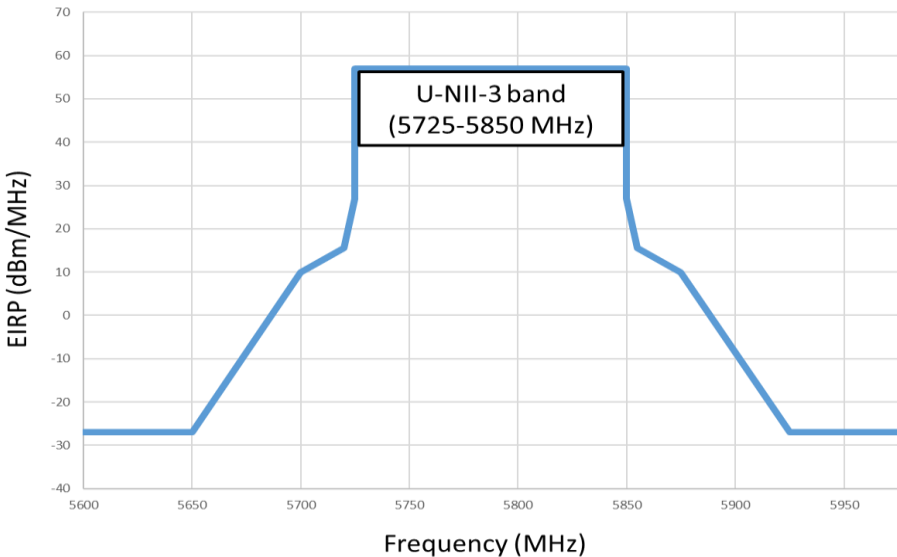
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	97.41%	0.11
11n(HT20)/11ac(VHT20)	1.30	1.34	97.16%	0.13
11n(HT40)/11ac(VHT40)	0.65	0.68	94.84%	0.23
11ac(VHT80)	0.32	0.41	78.44%	1.05

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.49	17.74	250	Pass
11a	CH44	15.07	32.14	250	Pass
11a	CH48	15.89	38.82	250	Pass
11n(HT20)	CH36	12.41	17.42	250	Pass
11n(HT20)	CH44	16.56	45.29	250	Pass
11n(HT20)	CH48	15.31	33.96	250	Pass
11n(HT40)	CH38	9.18	8.28	250	Pass
11n(HT40)	CH46	16.22	41.88	250	Pass
11ac(VHT20)	CH36	12.47	17.66	250	Pass
11ac(VHT20)	CH44	15.10	32.36	250	Pass
11ac(VHT20)	CH48	16.06	40.36	250	Pass
11ac(VHT40)	CH38	9.15	8.22	250	Pass
11ac(VHT40)	CH46	16.24	42.07	250	Pass
11ac(VHT80)	CH42	6.91	4.91	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.55	35.89	250	Pass
11a	CH60	16.03	40.09	250	Pass
11a	CH64	12.99	19.91	250	Pass
11n(HT20)	CH52	15.42	34.83	250	Pass
11n(HT20)	CH60	15.90	38.90	250	Pass
11n(HT20)	CH64	12.32	17.06	250	Pass
11n(HT40)	CH54	14.27	26.73	250	Pass
11n(HT40)	CH62	10.68	11.69	250	Pass
11ac(VHT20)	CH52	16.31	42.76	250	Pass
11ac(VHT20)	CH60	15.93	39.17	250	Pass
11ac(VHT20)	CH64	12.81	19.10	250	Pass
11ac(VHT40)	CH54	14.24	26.55	250	Pass
11ac(VHT40)	CH62	10.69	11.72	250	Pass
11ac(VHT80)	CH58	8.33	6.81	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	8.91	7.78	250	Pass
11a	CH116	18.68	73.79	250	Pass
11a	CH140	9.19	8.30	250	Pass
11n(HT20)	CH100	8.71	7.43	250	Pass
11n(HT20)	CH116	17.94	62.23	250	Pass
11n(HT20)	CH140	9.00	7.94	250	Pass
11n(HT40)	CH102	8.51	7.10	250	Pass
11n(HT40)	CH118	17.30	53.70	250	Pass
11n(HT40)	CH134	10.97	12.50	250	Pass
11ac(VHT20)	CH100	8.70	7.41	250	Pass
11ac(VHT20)	CH116	18.36	68.55	250	Pass
11ac(VHT20)	CH140	9.03	8.00	250	Pass
11ac(VHT40)	CH102	9.05	8.04	250	Pass
11ac(VHT40)	CH118	17.23	52.84	250	Pass
11ac(VHT40)	CH134	10.94	12.42	250	Pass
11ac(VHT80)	CH106	9.88	9.73	250	Pass
11ac(VHT80)	CH122	11.45	13.96	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.51	56.36	1000	Pass
11a	CH157	17.81	60.39	1000	Pass
11a	CH165	17.87	61.24	1000	Pass
11n(HT20)	CH149	17.79	60.12	1000	Pass
11n(HT20)	CH157	17.68	58.61	1000	Pass
11n(HT20)	CH165	17.74	59.43	1000	Pass
11n(HT40)	CH151	16.62	45.92	1000	Pass
11n(HT40)	CH159	16.57	45.39	1000	Pass
11ac(VHT20)	CH149	17.27	53.33	1000	Pass
11ac(VHT20)	CH157	17.69	58.75	1000	Pass
11ac(VHT20)	CH165	17.74	59.43	1000	Pass
11ac(VHT40)	CH151	16.63	46.03	1000	Pass
11ac(VHT40)	CH159	16.56	45.29	1000	Pass
11ac(VHT80)	CH155	12.42	17.46	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2520680-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.12	16.53
11a	CH44	26.37	16.62
11a	CH48	23.55	16.67
11n(HT20)	CH36	20.39	17.60
11n(HT20)	CH44	24.58	17.71
11n(HT20)	CH48	24.52	17.73
11n(HT40)	CH38	40.66	36.09
11n(HT40)	CH46	42.39	36.18
11ac(VHT20)	CH36	20.36	17.59
11ac(VHT20)	CH44	25.04	17.69
11ac(VHT20)	CH48	25.93	17.74
11ac(VHT40)	CH38	40.82	36.06
11ac(VHT40)	CH46	41.16	36.06
11ac(VHT80)	CH42	80.95	75.52

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	25.26	16.64
11a	CH60	20.12	16.56
11a	CH64	20.11	16.49
11n(HT20)	CH52	26.07	17.75
11n(HT20)	CH60	20.35	17.63
11n(HT20)	CH64	20.41	17.57
11n(HT40)	CH54	40.89	36.10
11n(HT40)	CH62	40.58	36.08
11ac(VHT20)	CH52	26.18	17.70
11ac(VHT20)	CH60	20.39	17.63
11ac(VHT20)	CH64	20.35	17.58
11ac(VHT40)	CH54	40.57	35.99
11ac(VHT40)	CH62	40.45	36.06
11ac(VHT80)	CH58	81.35	75.45

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.03	16.48
11a	CH116	25.49	16.68
11a	CH140	20.06	16.50
11n(HT20)	CH100	20.37	17.58
11n(HT20)	CH116	25.59	17.73
11n(HT20)	CH140	20.35	17.60
11n(HT40)	CH102	40.72	36.08
11n(HT40)	CH118	47.00	36.23
11n(HT40)	CH134	40.86	36.02
11ac(VHT20)	CH100	20.32	17.60
11ac(VHT20)	CH116	25.87	17.74
11ac(VHT20)	CH140	20.35	17.59
11ac(VHT40)	CH102	40.51	36.03
11ac(VHT40)	CH118	45.45	36.13
11ac(VHT40)	CH134	40.63	36.03
11ac(VHT80)	CH106	81.01	75.34
11ac(VHT80)	CH122	80.92	75.41

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.38	16.62
11a	CH157	25.34	16.69
11a	CH165	27.34	16.68
11n(HT20)	CH149	25.34	17.73
11n(HT20)	CH157	24.58	17.75
11n(HT20)	CH165	27.10	17.77
11n(HT40)	CH151	41.23	36.23
11n(HT40)	CH159	45.50	36.24
11ac(VHT20)	CH149	25.15	17.69
11ac(VHT20)	CH157	25.48	17.76
11ac(VHT20)	CH165	25.34	17.77
11ac(VHT40)	CH151	43.40	36.13
11ac(VHT40)	CH159	44.77	36.17
11ac(VHT80)	CH155	81.14	75.28

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2520680-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.30	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.30	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2520680-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.11	11.00	Pass
11a	CH44	7.40	11.00	Pass
11a	CH48	7.42	11.00	Pass
11n(HT20)	CH36	1.83	11.00	Pass
11n(HT20)	CH44	7.08	11.00	Pass
11n(HT20)	CH48	7.21	11.00	Pass
11n(HT40)	CH38	-4.29	11.00	Pass
11n(HT40)	CH46	2.87	11.00	Pass
11ac(VHT20)	CH36	1.87	11.00	Pass
11ac(VHT20)	CH44	6.96	11.00	Pass
11ac(VHT20)	CH48	7.48	11.00	Pass
11ac(VHT40)	CH38	-4.32	11.00	Pass
11ac(VHT40)	CH46	2.88	11.00	Pass
11ac(VHT80)	CH42	-9.69	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	7.12	11.00	Pass
11a	CH60	5.50	11.00	Pass
11a	CH64	2.54	11.00	Pass
11n(HT20)	CH52	6.87	11.00	Pass
11n(HT20)	CH60	5.28	11.00	Pass
11n(HT20)	CH64	1.70	11.00	Pass
11n(HT40)	CH54	0.85	11.00	Pass
11n(HT40)	CH62	-2.89	11.00	Pass
11ac(VHT20)	CH52	6.99	11.00	Pass
11ac(VHT20)	CH60	5.25	11.00	Pass
11ac(VHT20)	CH64	2.30	11.00	Pass
11ac(VHT40)	CH54	0.90	11.00	Pass
11ac(VHT40)	CH62	-2.74	11.00	Pass
11ac(VHT80)	CH58	-8.31	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-1.59	11.00	Pass
11a	CH116	8.03	11.00	Pass
11a	CH140	-1.17	11.00	Pass
11n(HT20)	CH100	-1.93	11.00	Pass
11n(HT20)	CH116	7.24	11.00	Pass
11n(HT20)	CH140	-1.48	11.00	Pass
11n(HT40)	CH102	-4.95	11.00	Pass
11n(HT40)	CH118	3.64	11.00	Pass
11n(HT40)	CH134	-2.56	11.00	Pass
11ac(VHT20)	CH100	-2.04	11.00	Pass
11ac(VHT20)	CH116	7.66	11.00	Pass
11ac(VHT20)	CH140	-1.55	11.00	Pass
11ac(VHT40)	CH102	-4.55	11.00	Pass
11ac(VHT40)	CH118	3.71	11.00	Pass
11ac(VHT40)	CH134	-2.55	11.00	Pass
11ac(VHT80)	CH106	-6.70	11.00	Pass
11ac(VHT80)	CH122	-5.44	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.39	30.00	Pass
11a	CH157	4.72	30.00	Pass
11a	CH165	4.87	30.00	Pass
11n(HT20)	CH149	4.54	30.00	Pass
11n(HT20)	CH157	4.43	30.00	Pass
11n(HT20)	CH165	4.48	30.00	Pass
11n(HT40)	CH151	0.43	30.00	Pass
11n(HT40)	CH159	0.57	30.00	Pass
11ac(VHT20)	CH149	4.08	30.00	Pass
11ac(VHT20)	CH157	4.43	30.00	Pass
11ac(VHT20)	CH165	4.53	30.00	Pass
11ac(VHT40)	CH151	0.51	30.00	Pass
11ac(VHT40)	CH159	0.37	30.00	Pass
11ac(VHT80)	CH155	-7.03	30.00	Pass

A.5 Conducted Emissions

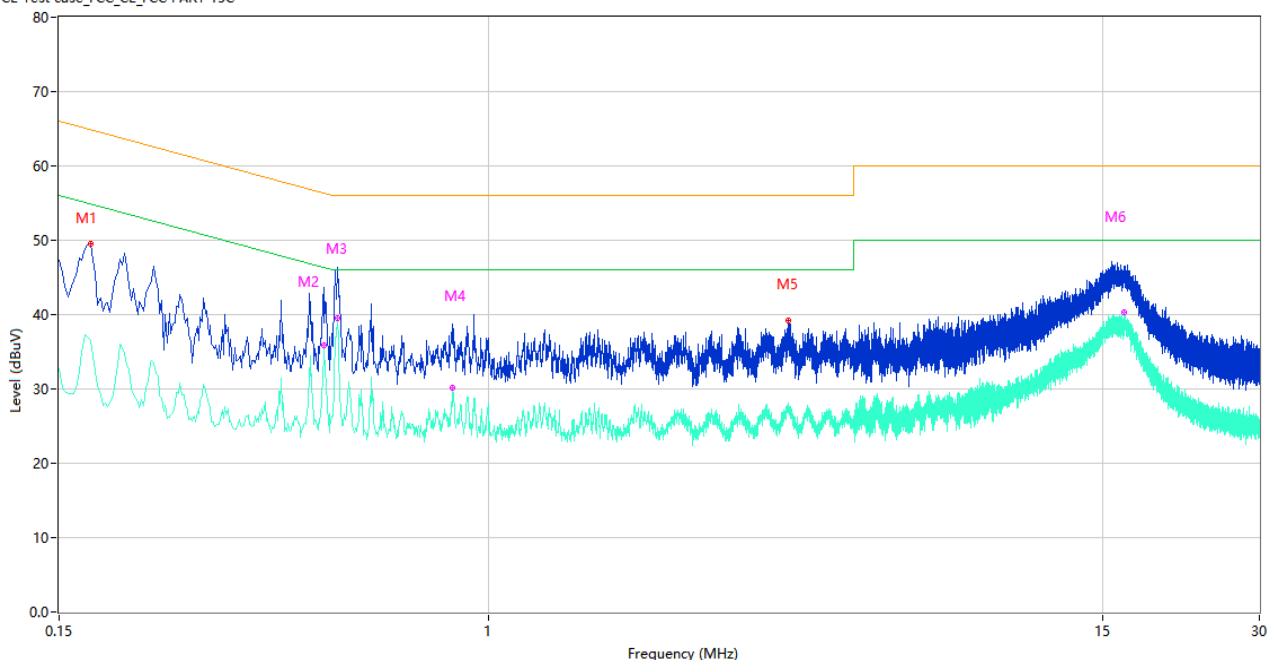
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

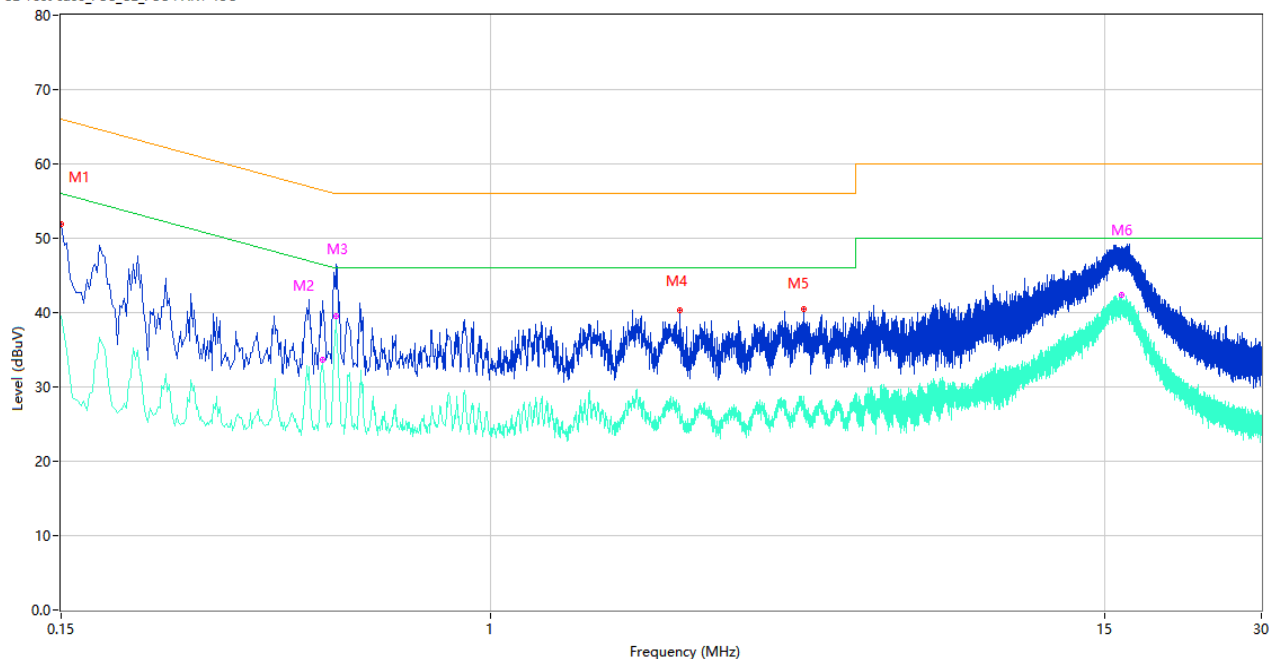
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	49.57	9.78	64.86	15.29	Peak	L	Pass
1**	0.172	36.43	9.78	54.86	18.43	AV	L	Pass
2	0.484	43.58	10.00	56.27	12.69	Peak	L	Pass
2**	0.484	35.82	10.00	46.27	10.45	AV	L	Pass
3	0.512	46.30	9.99	56.00	9.70	Peak	L	Pass
3**	0.512	39.50	9.99	46.00	6.50	AV	L	Pass
4	0.852	38.78	10.60	56.00	17.22	Peak	L	Pass
4**	0.852	30.16	10.60	46.00	15.84	AV	L	Pass
5	3.756	39.16	10.43	56.00	16.84	Peak	L	Pass
5**	3.756	28.12	10.43	46.00	17.88	AV	L	Pass
6	16.540	45.84	10.92	60.00	14.16	Peak	L	Pass
6**	16.540	40.26	10.92	50.00	9.74	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	51.93	9.78	66.00	14.07	Peak	N	Pass
1**	0.150	39.54	9.78	56.00	16.46	AV	N	Pass
2	0.476	41.53	10.00	56.41	14.88	Peak	N	Pass
2**	0.476	33.58	10.00	46.41	12.83	AV	N	Pass
3	0.504	46.49	9.98	56.00	9.51	Peak	N	Pass
3**	0.504	39.59	9.98	46.00	6.41	AV	N	Pass
4	2.302	40.27	10.31	56.00	15.73	Peak	N	Pass
4**	2.302	26.78	10.31	46.00	19.22	AV	N	Pass
5	3.976	40.49	9.99	56.00	15.51	Peak	N	Pass
5**	3.976	27.73	9.99	46.00	18.27	AV	N	Pass
6	16.172	47.88	10.66	60.00	12.12	Peak	N	Pass
6**	16.172	42.37	10.66	50.00	7.63	AV	N	Pass

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

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

Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

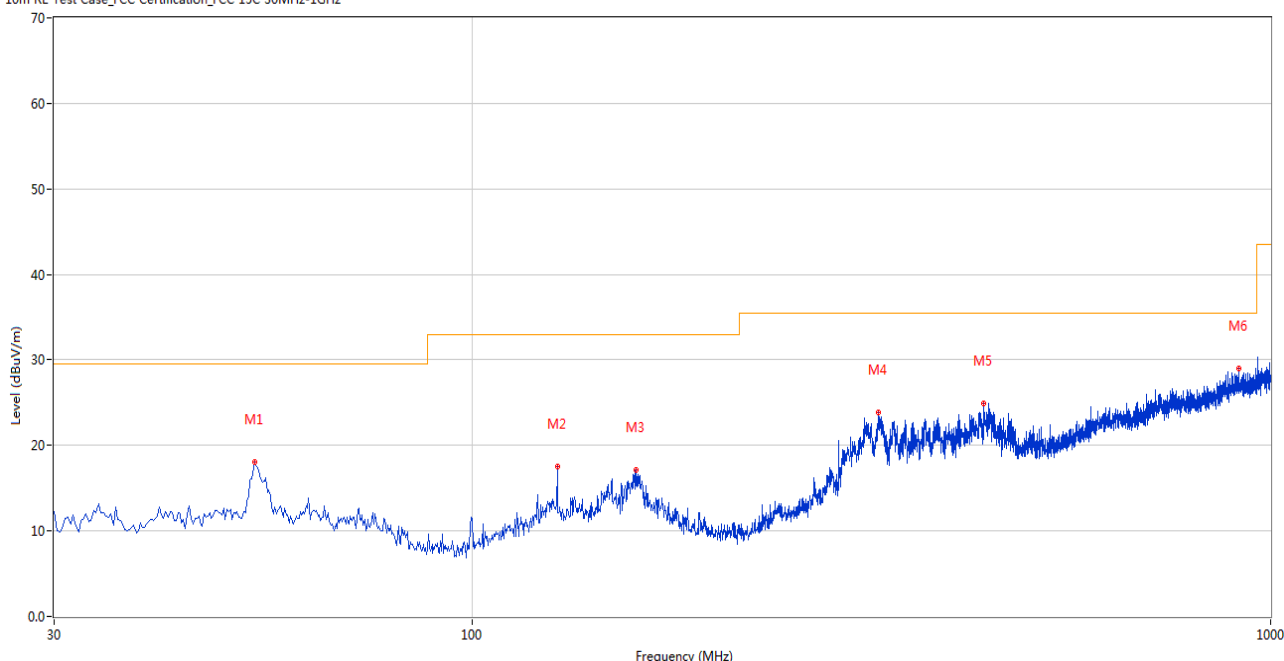
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

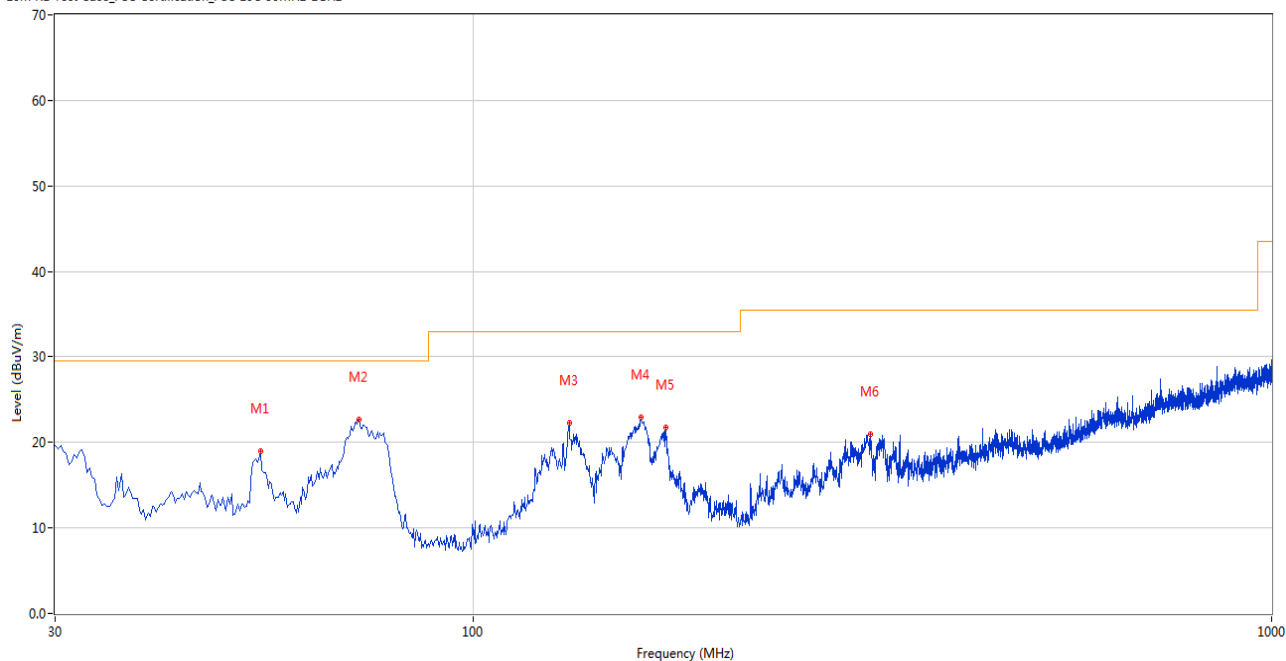
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.517	18.12	-26.07	29.5	11.38	Peak	0.00	200	Horizontal	Pass
2	127.946	17.49	-27.27	33.0	15.51	Peak	360.00	100	Horizontal	Pass
3	160.432	17.09	-25.70	33.0	15.91	Peak	291.00	200	Horizontal	Pass
4	322.382	23.87	-24.33	35.5	11.63	Peak	118.00	200	Horizontal	Pass
5	437.783	24.90	-21.06	35.5	10.60	Peak	130.00	200	Horizontal	Pass
6	913.207	29.02	-10.51	35.5	6.48	Peak	332.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.244	18.97	-26.09	29.5	10.53	Peak	34.00	200	Vertical	Pass
2	71.942	22.69	-28.63	29.5	6.81	Peak	190.00	200	Vertical	Pass
3	132.067	22.28	-26.93	33.0	10.72	Peak	0.00	200	Vertical	Pass
4	162.372	22.93	-25.76	33.0	10.07	Peak	260.00	100	Vertical	Pass
5	174.494	21.72	-26.63	33.0	11.28	Peak	220.00	100	Vertical	Pass
6	314.866	21.00	-24.34	35.5	14.50	Peak	238.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.000	39.05	74.0	34.95	Peak	249.00	100	Horizontal	Pass
1**	1601.000	29.30	54.0	24.70	AV	249.00	100	Horizontal	Pass
2	4368.000	46.95	74.0	27.05	Peak	135.00	300	Horizontal	Pass
2**	4368.000	39.56	54.0	14.44	AV	135.00	300	Horizontal	Pass
3	5177.500	104.54	--	--	Peak	94.00	150	Horizontal	N/A
3**	5177.500	97.24	--	--	AV	94.00	150	Horizontal	N/A
4	7609.000	52.83	74.0	21.17	Peak	35.00	300	Horizontal	Pass
4**	7609.000	44.04	54.0	9.96	AV	35.00	300	Horizontal	Pass
5	12492.075	53.45	74.0	20.55	Peak	106.00	150	Horizontal	Pass
5**	12492.075	44.37	54.0	9.63	AV	106.00	150	Horizontal	Pass
6	16057.763	53.71	74.0	20.29	Peak	18.00	400	Horizontal	Pass
6**	16057.763	42.88	54.0	11.12	AV	18.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.800	38.55	74.0	35.45	Peak	206.00	100	Vertical	Pass
1**	1515.800	28.65	54.0	25.35	AV	206.00	100	Vertical	Pass
2	4352.250	48.45	74.0	25.55	Peak	92.00	100	Vertical	Pass
2**	4352.250	38.38	54.0	15.62	AV	92.00	100	Vertical	Pass
3	5181.250	96.58	--	--	Peak	210.00	100	Vertical	N/A
3**	5181.250	89.35	--	--	AV	210.00	100	Vertical	N/A
4	7341.250	52.85	74.0	21.15	Peak	346.00	400	Vertical	Pass
4**	7341.250	44.04	54.0	9.96	AV	346.00	400	Vertical	Pass
5	12463.100	53.25	74.0	20.75	Peak	149.00	200	Vertical	Pass
5**	12463.100	44.41	54.0	9.59	AV	149.00	200	Vertical	Pass
6	16093.200	53.80	74.0	20.20	Peak	244.00	300	Vertical	Pass
6**	16093.200	44.91	54.0	9.09	AV	244.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.800	38.43	74.0	35.57	Peak	274.00	300	Horizontal	Pass
1**	1603.800	28.92	54.0	25.08	AV	274.00	300	Horizontal	Pass
2	4258.500	47.59	74.0	26.41	Peak	254.00	100	Horizontal	Pass
2**	4258.500	37.90	54.0	16.10	AV	254.00	100	Horizontal	Pass
3	5218.250	108.67	--	--	Peak	94.00	200	Horizontal	N/A
3**	5218.250	101.12	--	--	AV	94.00	200	Horizontal	N/A
4	7622.000	53.72	74.0	20.28	Peak	14.00	400	Horizontal	Pass
4**	7622.000	43.87	54.0	10.13	AV	14.00	400	Horizontal	Pass
5	12532.450	53.59	74.0	20.41	Peak	72.00	200	Horizontal	Pass
5**	12532.450	44.33	54.0	9.67	AV	72.00	200	Horizontal	Pass
6	15930.188	53.64	74.0	20.36	Peak	208.00	300	Horizontal	Pass
6**	15930.188	44.32	54.0	9.68	AV	208.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.600	38.57	74.0	35.43	Peak	110.00	400	Vertical	Pass
1**	1581.600	29.13	54.0	24.87	AV	110.00	400	Vertical	Pass
2	4379.000	47.36	74.0	26.64	Peak	360.00	300	Vertical	Pass
2**	4379.000	38.11	54.0	15.89	AV	360.00	300	Vertical	Pass
3	5221.500	101.36	--	--	Peak	255.00	100	Vertical	N/A
3**	5221.500	94.11	--	--	AV	255.00	100	Vertical	N/A
4	7357.500	52.85	74.0	21.15	Peak	314.00	100	Vertical	Pass
4**	7357.500	43.91	54.0	10.09	AV	314.00	100	Vertical	Pass
5	12516.537	53.63	74.0	20.37	Peak	181.00	100	Vertical	Pass
5**	12516.537	44.29	54.0	9.71	AV	181.00	100	Vertical	Pass
6	15903.938	54.36	74.0	19.64	Peak	210.00	400	Vertical	Pass
6**	15903.938	44.87	54.0	9.13	AV	210.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.100	39.00	74.0	35.00	Peak	28.00	300	Horizontal	Pass
1**	1504.100	29.95	54.0	24.05	AV	28.00	300	Horizontal	Pass
2	4336.750	47.20	74.0	26.80	Peak	254.00	400	Horizontal	Pass
2**	4336.750	38.13	54.0	15.87	AV	254.00	400	Horizontal	Pass
3	5241.000	108.55	--	--	Peak	94.00	200	Horizontal	N/A
3**	5241.000	101.48	--	--	AV	94.00	200	Horizontal	N/A
4	7620.250	52.98	74.0	21.02	Peak	14.00	200	Horizontal	Pass
4**	7620.250	44.49	54.0	9.51	AV	14.00	200	Horizontal	Pass
5	12488.988	53.61	74.0	20.39	Peak	329.00	100	Horizontal	Pass
5**	12488.988	45.26	54.0	8.74	AV	329.00	100	Horizontal	Pass
6	16139.400	54.76	74.0	19.24	Peak	191.00	100	Horizontal	Pass
6**	16139.400	45.60	54.0	8.40	AV	191.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.800	38.44	74.0	35.56	Peak	135.00	200	Vertical	Pass
1**	1526.800	29.10	54.0	24.90	AV	135.00	200	Vertical	Pass
2	4388.250	47.46	74.0	26.54	Peak	215.00	300	Vertical	Pass
2**	4388.250	38.30	54.0	15.70	AV	215.00	300	Vertical	Pass
3	5238.750	101.19	--	--	Peak	195.00	100	Vertical	N/A
3**	5238.750	93.55	--	--	AV	195.00	100	Vertical	N/A
4	7426.000	52.65	74.0	21.35	Peak	35.00	200	Vertical	Pass
4**	7426.000	43.72	54.0	10.28	AV	35.00	200	Vertical	Pass
5	12488.513	54.40	74.0	19.60	Peak	208.00	200	Vertical	Pass
5**	12488.513	44.45	54.0	9.55	AV	208.00	200	Vertical	Pass
6	16100.550	53.84	74.0	20.16	Peak	62.00	300	Vertical	Pass
6**	16100.550	43.24	54.0	10.76	AV	62.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.400	38.50	74.0	35.50	Peak	109.00	100	Horizontal	Pass
1**	1556.400	28.43	54.0	25.57	AV	109.00	100	Horizontal	Pass
2	4370.000	46.81	74.0	27.19	Peak	335.00	400	Horizontal	Pass
2**	4370.000	37.85	54.0	16.15	AV	335.00	400	Horizontal	Pass
3	5181.500	105.08	--	--	Peak	96.00	200	Horizontal	N/A
3**	5181.500	97.61	--	--	AV	96.00	200	Horizontal	N/A
4	7708.500	53.04	74.0	20.96	Peak	156.00	400	Horizontal	Pass
4**	7708.500	42.93	54.0	11.07	AV	156.00	400	Horizontal	Pass
5	12462.862	53.94	74.0	20.06	Peak	73.00	100	Horizontal	Pass
5**	12462.862	44.45	54.0	9.55	AV	73.00	100	Horizontal	Pass
6	16079.549	53.61	74.0	20.39	Peak	147.00	300	Horizontal	Pass
6**	16079.549	44.52	54.0	9.48	AV	147.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	38.16	74.0	35.84	Peak	268.00	100	Vertical	Pass
1**	1479.700	28.21	54.0	25.79	AV	268.00	100	Vertical	Pass
2	4256.000	47.29	74.0	26.71	Peak	77.00	100	Vertical	Pass
2**	4256.000	38.14	54.0	15.86	AV	77.00	100	Vertical	Pass
3	5181.000	95.03	--	--	Peak	220.00	200	Vertical	N/A
3**	5181.000	88.04	--	--	AV	220.00	200	Vertical	N/A
4	7323.250	52.63	74.0	21.37	Peak	283.00	100	Vertical	Pass
4**	7323.250	43.27	54.0	10.73	AV	283.00	100	Vertical	Pass
5	12522.474	53.84	74.0	20.16	Peak	200.00	150	Vertical	Pass
5**	12522.474	44.10	54.0	9.90	AV	200.00	150	Vertical	Pass
6	15678.975	53.59	74.0	20.41	Peak	116.00	100	Vertical	Pass
6**	15678.975	44.77	54.0	9.23	AV	116.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.800	38.19	74.0	35.81	Peak	360.00	400	Horizontal	Pass
1**	1457.800	29.19	54.0	24.81	AV	360.00	400	Horizontal	Pass
2	4353.000	48.98	74.0	25.02	Peak	355.00	300	Horizontal	Pass
2**	4353.000	37.91	54.0	16.09	AV	355.00	300	Horizontal	Pass
3	5222.000	108.39	--	--	Peak	75.00	150	Horizontal	N/A
3**	5222.000	101.25	--	--	AV	75.00	150	Horizontal	N/A
4	7618.250	52.61	74.0	21.39	Peak	215.00	200	Horizontal	Pass
4**	7618.250	43.47	54.0	10.53	AV	215.00	200	Horizontal	Pass
5	12503.950	53.65	74.0	20.35	Peak	1.00	200	Horizontal	Pass
5**	12503.950	45.11	54.0	8.89	AV	1.00	200	Horizontal	Pass
6	15887.400	54.01	74.0	19.99	Peak	210.00	300	Horizontal	Pass
6**	15887.400	44.95	54.0	9.05	AV	210.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.800	38.73	74.0	35.27	Peak	161.00	200	Vertical	Pass
1**	1605.800	28.84	54.0	25.16	AV	161.00	200	Vertical	Pass
2	4344.500	47.31	74.0	26.69	Peak	275.00	200	Vertical	Pass
2**	4344.500	37.54	54.0	16.46	AV	275.00	200	Vertical	Pass
3	5218.500	101.48	--	--	Peak	197.00	100	Vertical	N/A
3**	5218.500	94.80	--	--	AV	197.00	100	Vertical	N/A
4	7600.250	52.73	74.0	21.27	Peak	254.00	100	Vertical	Pass
4**	7600.250	44.18	54.0	9.82	AV	254.00	100	Vertical	Pass
5	12499.200	53.95	74.0	20.05	Peak	41.00	150	Vertical	Pass
5**	12499.200	45.04	54.0	8.96	AV	41.00	150	Vertical	Pass
6	16087.162	54.03	74.0	19.97	Peak	339.00	300	Vertical	Pass
6**	16087.162	44.74	54.0	9.26	AV	339.00	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	1609.500	38.45	74.0	35.55	Peak	22.00	200	Horizontal	Pass
1**	1609.500	28.43	54.0	25.57	AV	22.00	200	Horizontal	Pass
2	4255.000	47.07	74.0	26.93	Peak	35.00	200	Horizontal	Pass
2**	4255.000	37.94	54.0	16.06	AV	35.00	200	Horizontal	Pass
3	5240.000	108.88	--	--	Peak	35.00	200	Horizontal	N/A
3**	5240.000	100.60	--	--	AV	35.00	200	Horizontal	N/A
4	7425.000	52.75	74.0	21.25	Peak	0.00	100	Horizontal	Pass
4**	7425.000	43.54	54.0	10.46	AV	0.00	100	Horizontal	Pass
5	12525.325	53.59	74.0	20.41	Peak	358.00	150	Horizontal	Pass
5**	12525.325	45.87	54.0	8.13	AV	358.00	150	Horizontal	Pass
6	16126.800	54.15	74.0	19.85	Peak	168.00	300	Horizontal	Pass
6**	16126.800	44.89	54.0	9.11	AV	168.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.400	38.58	74.0	35.42	Peak	65.00	400	Vertical	Pass
1**	1440.400	28.58	54.0	25.42	AV	65.00	400	Vertical	Pass
2	4232.250	48.20	74.0	25.80	Peak	139.00	200	Vertical	Pass
2**	4232.250	37.97	54.0	16.03	AV	139.00	200	Vertical	Pass
3	5242.750	100.78	--	--	Peak	202.00	150	Vertical	N/A
3**	5242.750	93.00	--	--	AV	202.00	150	Vertical	N/A
4	7349.250	52.52	74.0	21.48	Peak	181.00	400	Vertical	Pass
4**	7349.250	43.67	54.0	10.33	AV	181.00	400	Vertical	Pass
5	12505.612	53.03	74.0	20.97	Peak	300.00	200	Vertical	Pass
5**	12505.612	44.37	54.0	9.63	AV	300.00	200	Vertical	Pass
6	16125.750	52.84	74.0	21.16	Peak	0.00	400	Vertical	Pass
6**	16125.750	44.24	54.0	9.76	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.200	38.32	74.0	35.68	Peak	174.00	300	Horizontal	Pass
1**	1586.200	28.27	54.0	25.73	AV	174.00	300	Horizontal	Pass
2	4356.750	47.31	74.0	26.69	Peak	139.00	100	Horizontal	Pass
2**	4356.750	38.20	54.0	15.80	AV	139.00	100	Horizontal	Pass
3	5185.000	98.79	--	--	Peak	77.00	100	Horizontal	N/A
3**	5185.000	90.70	--	--	AV	77.00	100	Horizontal	N/A
4	7359.000	53.58	74.0	20.42	Peak	283.00	200	Horizontal	Pass
4**	7359.000	43.86	54.0	10.14	AV	283.00	200	Horizontal	Pass
5	12506.563	54.31	74.0	19.69	Peak	65.00	200	Horizontal	Pass
5**	12506.563	44.41	54.0	9.59	AV	65.00	200	Horizontal	Pass
6	16131.787	54.07	74.0	19.93	Peak	79.00	400	Horizontal	Pass
6**	16131.787	45.13	54.0	8.87	AV	79.00	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	1574.800	38.36	74.0	35.64	Peak	113.00	100	Vertical	Pass
1**	1574.800	28.37	54.0	25.63	AV	113.00	100	Vertical	Pass
2	4181.750	48.04	74.0	25.96	Peak	280.00	200	Vertical	Pass
2**	4181.750	39.06	54.0	14.94	AV	280.00	200	Vertical	Pass
3	5191.750	89.48	--	--	Peak	241.00	200	Vertical	N/A
3**	5191.750	82.14	--	--	AV	241.00	200	Vertical	N/A
4	7412.000	53.11	74.0	20.89	Peak	280.00	100	Vertical	Pass
4**	7412.000	42.90	54.0	11.10	AV	280.00	100	Vertical	Pass
5	12484.237	54.01	74.0	19.99	Peak	222.00	100	Vertical	Pass
5**	12484.237	45.19	54.0	8.81	AV	222.00	100	Vertical	Pass
6	16133.100	54.48	74.0	19.52	Peak	207.00	300	Vertical	Pass
6**	16133.100	44.58	54.0	9.42	AV	207.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.600	38.76	74.0	35.24	Peak	285.00	300	Horizontal	Pass
1**	1615.600	28.82	54.0	25.18	AV	285.00	300	Horizontal	Pass
2	4348.750	47.41	74.0	26.59	Peak	251.00	400	Horizontal	Pass
2**	4348.750	39.78	54.0	14.22	AV	251.00	400	Horizontal	Pass
3	5227.750	106.28	--	--	Peak	74.00	200	Horizontal	N/A
3**	5227.750	98.69	--	--	AV	74.00	200	Horizontal	N/A
4	7263.000	53.04	74.0	20.96	Peak	231.00	200	Horizontal	Pass
4**	7263.000	42.39	54.0	11.61	AV	231.00	200	Horizontal	Pass
5	12496.588	53.75	74.0	20.25	Peak	358.00	200	Horizontal	Pass
5**	12496.588	44.90	54.0	9.10	AV	358.00	200	Horizontal	Pass
6	16093.463	54.44	74.0	19.56	Peak	130.00	100	Horizontal	Pass
6**	16093.463	45.27	54.0	8.73	AV	130.00	100	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	1611.600	38.46	74.0	35.54	Peak	172.00	300	Vertical	Pass
1**	1611.600	29.25	54.0	24.75	AV	172.00	300	Vertical	Pass
2	4209.750	47.55	74.0	26.45	Peak	35.00	300	Vertical	Pass
2**	4209.750	37.06	54.0	16.94	AV	35.00	300	Vertical	Pass
3	5231.250	98.36	--	--	Peak	251.00	150	Vertical	N/A
3**	5231.250	90.99	--	--	AV	251.00	150	Vertical	N/A
4	7599.500	53.80	74.0	20.20	Peak	212.00	400	Vertical	Pass
4**	7599.500	43.45	54.0	10.55	AV	212.00	400	Vertical	Pass
5	12464.050	53.68	74.0	20.32	Peak	169.00	200	Vertical	Pass
5**	12464.050	44.73	54.0	9.27	AV	169.00	200	Vertical	Pass
6	16127.588	54.62	74.0	19.38	Peak	205.00	200	Vertical	Pass
6**	16127.588	45.38	54.0	8.62	AV	205.00	200	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	1613.200	38.63	74.0	35.37	Peak	360.00	100	Horizontal	Pass
1**	1613.200	29.14	54.0	24.86	AV	360.00	100	Horizontal	Pass
2	4241.750	47.01	74.0	26.99	Peak	304.00	200	Horizontal	Pass
2**	4241.750	37.31	54.0	16.69	AV	304.00	200	Horizontal	Pass
3	5182.000	105.42	--	--	Peak	77.00	200	Horizontal	N/A
3**	5182.000	97.44	--	--	AV	77.00	200	Horizontal	N/A
4	7618.250	52.78	74.0	21.22	Peak	304.00	100	Horizontal	Pass
4**	7618.250	43.11	54.0	10.89	AV	304.00	100	Horizontal	Pass
5	12506.087	54.58	74.0	19.42	Peak	331.00	200	Horizontal	Pass
5**	12506.087	44.99	54.0	9.01	AV	331.00	200	Horizontal	Pass
6	16165.913	53.62	74.0	20.38	Peak	145.00	400	Horizontal	Pass
6**	16165.913	44.63	54.0	9.37	AV	145.00	400	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	1441.400	38.54	74.0	35.46	Peak	79.00	300	Vertical	Pass
1**	1441.400	28.81	54.0	25.19	AV	79.00	300	Vertical	Pass
2	4355.000	47.35	74.0	26.65	Peak	236.00	100	Vertical	Pass
2**	4355.000	38.31	54.0	15.69	AV	236.00	100	Vertical	Pass
3	5182.500	95.15	--	--	Peak	36.00	100	Vertical	N/A
3**	5182.500	87.67	--	--	AV	36.00	100	Vertical	N/A
4	7593.750	53.15	74.0	20.85	Peak	116.00	200	Vertical	Pass
4**	7593.750	43.40	54.0	10.60	AV	116.00	200	Vertical	Pass
5	12463.100	53.77	74.0	20.23	Peak	167.00	100	Vertical	Pass
5**	12463.100	46.19	54.0	7.81	AV	167.00	100	Vertical	Pass
6	15896.063	53.77	74.0	20.23	Peak	166.00	400	Vertical	Pass
6**	15896.063	45.19	54.0	8.81	AV	166.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.800	38.35	74.0	35.65	Peak	360.00	200	Horizontal	Pass
1**	1441.800	29.13	54.0	24.87	AV	360.00	200	Horizontal	Pass
2	4257.000	47.27	74.0	26.73	Peak	75.00	300	Horizontal	Pass
2**	4257.000	38.59	54.0	15.41	AV	75.00	300	Horizontal	Pass
3	5218.500	108.24	--	--	Peak	96.00	200	Horizontal	N/A
3**	5218.500	101.29	--	--	AV	96.00	200	Horizontal	N/A
4	7709.250	53.64	74.0	20.36	Peak	135.00	300	Horizontal	Pass
4**	7709.250	44.24	54.0	9.76	AV	135.00	300	Horizontal	Pass
5	12501.100	53.72	74.0	20.28	Peak	138.00	200	Horizontal	Pass
5**	12501.100	44.42	54.0	9.58	AV	138.00	200	Horizontal	Pass
6	15893.437	54.20	74.0	19.80	Peak	265.00	200	Horizontal	Pass
6**	15893.437	44.79	54.0	9.21	AV	265.00	200	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	1620.100	38.34	74.0	35.66	Peak	116.00	200	Vertical	Pass
1**	1620.100	28.97	54.0	25.03	AV	116.00	200	Vertical	Pass
2	4043.250	47.08	74.0	26.92	Peak	96.00	400	Vertical	Pass
2**	4043.250	37.10	54.0	16.90	AV	96.00	400	Vertical	Pass
3	5222.000	101.61	--	--	Peak	256.00	200	Vertical	N/A
3**	5222.000	94.24	--	--	AV	256.00	200	Vertical	N/A
4	7605.500	52.80	74.0	21.20	Peak	116.00	100	Vertical	Pass
4**	7605.500	44.43	54.0	9.57	AV	116.00	100	Vertical	Pass
5	12502.287	53.35	74.0	20.65	Peak	293.00	200	Vertical	Pass
5**	12502.287	45.11	54.0	8.89	AV	293.00	200	Vertical	Pass
6	15821.513	53.97	74.0	20.03	Peak	18.00	200	Vertical	Pass
6**	15821.513	44.69	54.0	9.31	AV	18.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.800	38.97	74.0	35.03	Peak	117.00	100	Horizontal	Pass
1**	1500.800	28.60	54.0	25.40	AV	117.00	100	Horizontal	Pass
2	4191.750	47.95	74.0	26.05	Peak	94.00	300	Horizontal	Pass
2**	4191.750	39.10	54.0	14.90	AV	94.00	300	Horizontal	Pass
3	5241.250	108.91	--	--	Peak	76.00	150	Horizontal	N/A
3**	5241.250	100.58	--	--	AV	76.00	150	Horizontal	N/A
4	7343.000	52.97	74.0	21.03	Peak	0.00	300	Horizontal	Pass
4**	7343.000	44.06	54.0	9.94	AV	0.00	300	Horizontal	Pass
5	12485.900	53.39	74.0	20.61	Peak	295.00	100	Horizontal	Pass
5**	12485.900	44.37	54.0	9.63	AV	295.00	100	Horizontal	Pass
6	16145.700	54.30	74.0	19.70	Peak	290.00	400	Horizontal	Pass
6**	16145.700	45.24	54.0	8.76	AV	290.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.800	39.40	74.0	34.60	Peak	313.00	300	Vertical	Pass
1**	1625.800	29.10	54.0	24.90	AV	313.00	300	Vertical	Pass
2	4266.000	47.56	74.0	26.44	Peak	226.00	300	Vertical	Pass
2**	4266.000	38.29	54.0	15.71	AV	226.00	300	Vertical	Pass
3	5237.250	100.71	--	--	Peak	246.00	100	Vertical	N/A
3**	5237.250	92.47	--	--	AV	246.00	100	Vertical	N/A
4	7584.750	54.10	74.0	19.90	Peak	246.00	200	Vertical	Pass
4**	7584.750	43.17	54.0	10.83	AV	246.00	200	Vertical	Pass
5	12496.113	53.86	74.0	20.14	Peak	104.00	150	Vertical	Pass
5**	12496.113	44.35	54.0	9.65	AV	104.00	150	Vertical	Pass
6	15388.650	54.06	74.0	19.94	Peak	89.00	400	Vertical	Pass
6**	15388.650	44.03	54.0	9.97	AV	89.00	400	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	1611.100	38.37	74.0	35.63	Peak	177.00	300	Horizontal	Pass
1**	1611.100	29.35	54.0	24.65	AV	177.00	300	Horizontal	Pass
2	4311.500	47.82	74.0	26.18	Peak	36.00	400	Horizontal	Pass
2**	4311.500	38.90	54.0	15.10	AV	36.00	400	Horizontal	Pass
3	5185.500	98.73	--	--	Peak	77.00	150	Horizontal	N/A
3**	5185.500	90.67	--	--	AV	77.00	150	Horizontal	N/A
4	7355.250	52.63	74.0	21.37	Peak	36.00	200	Horizontal	Pass
4**	7355.250	43.77	54.0	10.23	AV	36.00	200	Horizontal	Pass
5	12490.651	54.32	74.0	19.68	Peak	212.00	200	Horizontal	Pass
5**	12490.651	45.15	54.0	8.85	AV	212.00	200	Horizontal	Pass
6	16127.588	54.79	74.0	19.21	Peak	0.00	400	Horizontal	Pass
6**	16127.588	44.42	54.0	9.58	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	1510.000	38.88	74.0	35.12	Peak	360.00	200	Vertical	Pass
1**	1510.000	28.46	54.0	25.54	AV	360.00	200	Vertical	Pass
2	4362.750	47.20	74.0	26.80	Peak	329.00	400	Vertical	Pass
2**	4362.750	38.14	54.0	15.86	AV	329.00	400	Vertical	Pass
3	5192.750	89.48	--	--	Peak	249.00	100	Vertical	N/A
3**	5192.750	82.12	--	--	AV	249.00	100	Vertical	N/A
4	7600.250	52.84	74.0	21.16	Peak	210.00	200	Vertical	Pass
4**	7600.250	45.37	54.0	8.63	AV	210.00	200	Vertical	Pass
5	12465.713	53.52	74.0	20.48	Peak	307.00	200	Vertical	Pass
5**	12465.713	44.26	54.0	9.74	AV	307.00	200	Vertical	Pass
6	15882.675	54.12	74.0	19.88	Peak	4.00	400	Vertical	Pass
6**	15882.675	44.37	54.0	9.63	AV	4.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.400	38.79	74.0	35.21	Peak	242.00	400	Horizontal	Pass
1**	1513.400	29.14	54.0	24.86	AV	242.00	400	Horizontal	Pass
2	4106.750	47.49	74.0	26.51	Peak	152.00	200	Horizontal	Pass
2**	4106.750	36.89	54.0	17.11	AV	152.00	200	Horizontal	Pass
3	5226.750	106.54	--	--	Peak	94.00	150	Horizontal	N/A
3**	5226.750	98.56	--	--	AV	94.00	150	Horizontal	N/A
4	7601.750	53.27	74.0	20.73	Peak	360.00	100	Horizontal	Pass
4**	7601.750	43.70	54.0	10.30	AV	360.00	100	Horizontal	Pass
5	12491.125	53.84	74.0	20.16	Peak	41.00	200	Horizontal	Pass
5**	12491.125	44.46	54.0	9.54	AV	41.00	200	Horizontal	Pass
6	16094.513	53.94	74.0	20.06	Peak	154.00	100	Horizontal	Pass
6**	16094.513	45.18	54.0	8.82	AV	154.00	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	1438.300	38.64	74.0	35.36	Peak	356.00	100	Vertical	Pass
1**	1438.300	28.56	54.0	25.44	AV	356.00	100	Vertical	Pass
2	4276.000	47.17	74.0	26.83	Peak	232.00	300	Vertical	Pass
2**	4276.000	38.69	54.0	15.31	AV	232.00	300	Vertical	Pass
3	5228.000	98.40	--	--	Peak	253.00	100	Vertical	N/A
3**	5228.000	90.55	--	--	AV	253.00	100	Vertical	N/A
4	7359.750	52.77	74.0	21.23	Peak	134.00	400	Vertical	Pass
4**	7359.750	44.46	54.0	9.54	AV	134.00	400	Vertical	Pass
5	12508.463	53.91	74.0	20.09	Peak	358.00	150	Vertical	Pass
5**	12508.463	45.08	54.0	8.92	AV	358.00	150	Vertical	Pass
6	16163.550	54.98	74.0	19.02	Peak	84.00	300	Vertical	Pass
6**	16163.550	44.03	54.0	9.97	AV	84.00	300	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	1600.700	38.25	74.0	35.75	Peak	70.00	400	Horizontal	Pass
1**	1600.700	29.05	54.0	24.95	AV	70.00	400	Horizontal	Pass
2	4375.500	47.29	74.0	26.71	Peak	236.00	400	Horizontal	Pass
2**	4375.500	37.47	54.0	16.53	AV	236.00	400	Horizontal	Pass
3	5215.750	95.53	--	--	Peak	74.00	150	Horizontal	N/A
3**	5215.750	88.12	--	--	AV	74.00	150	Horizontal	N/A
4	7608.250	52.69	74.0	21.31	Peak	115.00	300	Horizontal	Pass
4**	7608.250	43.87	54.0	10.13	AV	115.00	300	Horizontal	Pass
5	12498.250	53.35	74.0	20.65	Peak	235.00	200	Horizontal	Pass
5**	12498.250	44.26	54.0	9.74	AV	235.00	200	Horizontal	Pass
6	16088.475	54.27	74.0	19.73	Peak	294.00	400	Horizontal	Pass
6**	16088.475	44.69	54.0	9.31	AV	294.00	400	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	1453.500	38.48	74.0	35.52	Peak	347.00	400	Vertical	Pass
1**	1453.500	28.34	54.0	25.66	AV	347.00	400	Vertical	Pass
2	4257.500	47.25	74.0	26.75	Peak	14.00	400	Vertical	Pass
2**	4257.500	37.48	54.0	16.52	AV	14.00	400	Vertical	Pass
3	5212.500	86.08	--	--	Peak	348.00	150	Vertical	N/A
3**	5212.500	77.95	--	--	AV	348.00	150	Vertical	N/A
4	7617.750	52.68	74.0	21.32	Peak	360.00	200	Vertical	Pass
4**	7617.750	43.83	54.0	10.17	AV	360.00	200	Vertical	Pass
5	12476.637	53.62	74.0	20.38	Peak	166.00	200	Vertical	Pass
5**	12476.637	43.88	54.0	10.12	AV	166.00	200	Vertical	Pass
6	16097.662	54.70	74.0	19.30	Peak	241.00	200	Vertical	Pass
6**	16097.662	45.00	54.0	9.00	AV	241.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	38.62	74.0	35.38	Peak	71.00	200	Horizontal	Pass
1**	1479.700	29.57	54.0	24.43	AV	71.00	200	Horizontal	Pass
2	4365.250	47.17	74.0	26.83	Peak	173.00	200	Horizontal	Pass
2**	4365.250	37.94	54.0	16.06	AV	173.00	200	Horizontal	Pass
3	5258.750	108.06	--	--	Peak	36.00	150	Horizontal	N/A
3**	5258.750	101.42	--	--	AV	36.00	150	Horizontal	N/A
4	7355.750	53.05	74.0	20.95	Peak	154.00	100	Horizontal	Pass
4**	7355.750	44.42	54.0	9.58	AV	154.00	100	Horizontal	Pass
5	12448.375	54.07	74.0	19.93	Peak	285.00	150	Horizontal	Pass
5**	12448.375	43.64	54.0	10.36	AV	285.00	150	Horizontal	Pass
6	15707.588	54.02	74.0	19.98	Peak	249.00	200	Horizontal	Pass
6**	15707.588	44.41	54.0	9.59	AV	249.00	200	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	1596.800	38.50	74.0	35.50	Peak	179.00	300	Vertical	Pass
1**	1596.800	28.85	54.0	25.15	AV	179.00	300	Vertical	Pass
2	4323.000	47.37	74.0	26.63	Peak	171.00	400	Vertical	Pass
2**	4323.000	38.11	54.0	15.89	AV	171.00	400	Vertical	Pass
3	5261.250	101.98	--	--	Peak	249.00	150	Vertical	N/A
3**	5261.250	94.54	--	--	AV	249.00	150	Vertical	N/A
4	7715.250	53.09	74.0	20.91	Peak	360.00	100	Vertical	Pass
4**	7715.250	43.16	54.0	10.84	AV	360.00	100	Vertical	Pass
5	12410.849	53.72	74.0	20.28	Peak	177.00	100	Vertical	Pass
5**	12410.849	43.70	54.0	10.30	AV	177.00	100	Vertical	Pass
6	16110.525	54.16	74.0	19.84	Peak	0.00	300	Vertical	Pass
6**	16110.525	45.40	54.0	8.60	AV	0.00	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	1620.500	39.02	74.0	34.98	Peak	360.00	200	Horizontal	Pass
1**	1620.500	30.25	54.0	23.75	AV	360.00	200	Horizontal	Pass
2	4348.250	47.62	74.0	26.38	Peak	0.00	100	Horizontal	Pass
2**	4348.250	38.21	54.0	15.79	AV	0.00	100	Horizontal	Pass
3	5301.000	107.03	--	--	Peak	55.00	200	Horizontal	N/A
3**	5301.000	100.01	--	--	AV	55.00	200	Horizontal	N/A
4	7712.000	52.86	74.0	21.14	Peak	191.00	400	Horizontal	Pass
4**	7712.000	44.62	54.0	9.38	AV	191.00	400	Horizontal	Pass
5	12462.625	54.37	74.0	19.63	Peak	336.00	150	Horizontal	Pass
5**	12462.625	44.45	54.0	9.55	AV	336.00	150	Horizontal	Pass
6	15885.825	54.05	74.0	19.95	Peak	18.00	100	Horizontal	Pass
6**	15885.825	45.09	54.0	8.91	AV	18.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.600	38.74	74.0	35.26	Peak	238.00	300	Vertical	Pass
1**	1476.600	28.35	54.0	25.65	AV	238.00	300	Vertical	Pass
2	4346.500	47.67	74.0	26.33	Peak	0.00	300	Vertical	Pass
2**	4346.500	37.64	54.0	16.36	AV	0.00	300	Vertical	Pass
3	5298.000	100.11	--	--	Peak	258.00	100	Vertical	N/A
3**	5298.000	92.08	--	--	AV	258.00	100	Vertical	N/A
4	7599.500	53.05	74.0	20.95	Peak	55.00	400	Vertical	Pass
4**	7599.500	44.61	54.0	9.39	AV	55.00	400	Vertical	Pass
5	12452.888	53.78	74.0	20.22	Peak	273.00	150	Vertical	Pass
5**	12452.888	45.60	54.0	8.40	AV	273.00	150	Vertical	Pass
6	16135.987	53.97	74.0	20.03	Peak	294.00	400	Vertical	Pass
6**	16135.987	45.56	54.0	8.44	AV	294.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.300	38.77	74.0	35.23	Peak	0.00	200	Horizontal	Pass
1**	1605.300	28.98	54.0	25.02	AV	0.00	200	Horizontal	Pass
2	4257.250	47.85	74.0	26.15	Peak	113.00	400	Horizontal	Pass
2**	4257.250	37.90	54.0	16.10	AV	113.00	400	Horizontal	Pass
3	5321.750	104.67	--	--	Peak	35.00	200	Horizontal	N/A
3**	5321.750	98.05	--	--	AV	35.00	200	Horizontal	N/A
4	7454.500	52.93	74.0	21.07	Peak	74.00	100	Horizontal	Pass
4**	7454.500	43.57	54.0	10.43	AV	74.00	100	Horizontal	Pass
5	11684.100	53.23	74.0	20.77	Peak	48.00	150	Horizontal	Pass
5**	11684.100	41.87	54.0	12.13	AV	48.00	150	Horizontal	Pass
6	16126.800	54.42	74.0	19.58	Peak	243.00	200	Horizontal	Pass
6**	16126.800	45.78	54.0	8.22	AV	243.00	200	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	1575.700	39.72	74.0	34.28	Peak	124.00	200	Vertical	Pass
1**	1575.700	28.97	54.0	25.03	AV	124.00	200	Vertical	Pass
2	4261.500	47.43	74.0	26.57	Peak	212.00	200	Vertical	Pass
2**	4261.500	38.74	54.0	15.26	AV	212.00	200	Vertical	Pass
3	5321.750	97.58	--	--	Peak	251.00	200	Vertical	N/A
3**	5321.750	89.51	--	--	AV	251.00	200	Vertical	N/A
4	7619.500	53.41	74.0	20.59	Peak	350.00	400	Vertical	Pass
4**	7619.500	44.22	54.0	9.78	AV	350.00	400	Vertical	Pass
5	12447.901	53.99	74.0	20.01	Peak	286.00	100	Vertical	Pass
5**	12447.901	44.42	54.0	9.58	AV	286.00	100	Vertical	Pass
6	16126.537	54.24	74.0	19.76	Peak	178.00	100	Vertical	Pass
6**	16126.537	44.44	54.0	9.56	AV	178.00	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	1594.900	38.45	74.0	35.55	Peak	45.00	200	Horizontal	Pass
1**	1594.900	28.38	54.0	25.62	AV	45.00	200	Horizontal	Pass
2	4246.000	47.12	74.0	26.88	Peak	360.00	100	Horizontal	Pass
2**	4246.000	38.69	54.0	15.31	AV	360.00	100	Horizontal	Pass
3	5261.750	108.75	--	--	Peak	76.00	100	Horizontal	N/A
3**	5261.750	101.82	--	--	AV	76.00	100	Horizontal	N/A
4	7619.500	54.26	74.0	19.74	Peak	173.00	100	Horizontal	Pass
4**	7619.500	43.69	54.0	10.31	AV	173.00	100	Horizontal	Pass
5	12525.325	53.50	74.0	20.50	Peak	92.00	200	Horizontal	Pass
5**	12525.325	43.61	54.0	10.39	AV	92.00	200	Horizontal	Pass
6	15911.812	54.15	74.0	19.85	Peak	31.00	100	Horizontal	Pass
6**	15911.812	46.45	54.0	7.55	AV	31.00	100	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	1597.500	38.72	74.0	35.28	Peak	256.00	100	Vertical	Pass
1**	1597.500	29.44	54.0	24.56	AV	256.00	100	Vertical	Pass
2	4084.250	47.56	74.0	26.44	Peak	152.00	100	Vertical	Pass
2**	4084.250	37.43	54.0	16.57	AV	152.00	100	Vertical	Pass
3	5261.250	101.58	--	--	Peak	251.00	200	Vertical	N/A
3**	5261.250	94.43	--	--	AV	251.00	200	Vertical	N/A
4	7607.000	53.18	74.0	20.82	Peak	173.00	200	Vertical	Pass
4**	7607.000	43.79	54.0	10.21	AV	173.00	200	Vertical	Pass
5	12526.513	53.60	74.0	20.40	Peak	360.00	150	Vertical	Pass
5**	12526.513	44.18	54.0	9.82	AV	360.00	150	Vertical	Pass
6	16111.050	54.49	74.0	19.51	Peak	2.00	400	Vertical	Pass
6**	16111.050	45.53	54.0	8.47	AV	2.00	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	1490.800	38.78	74.0	35.22	Peak	145.00	100	Horizontal	Pass
1**	1490.800	28.01	54.0	25.99	AV	145.00	100	Horizontal	Pass
2	4264.500	47.48	74.0	26.52	Peak	55.00	400	Horizontal	Pass
2**	4264.500	38.79	54.0	15.21	AV	55.00	400	Horizontal	Pass
3	5301.500	107.45	--	--	Peak	36.00	150	Horizontal	N/A
3**	5301.500	99.90	--	--	AV	36.00	150	Horizontal	N/A
4	7678.500	53.37	74.0	20.63	Peak	311.00	300	Horizontal	Pass
4**	7678.500	43.30	54.0	10.70	AV	311.00	300	Horizontal	Pass
5	12502.525	54.10	74.0	19.90	Peak	237.00	100	Horizontal	Pass
5**	12502.525	45.25	54.0	8.75	AV	237.00	100	Horizontal	Pass
6	16108.687	54.44	74.0	19.56	Peak	272.00	300	Horizontal	Pass
6**	16108.687	45.21	54.0	8.79	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.000	39.09	74.0	34.91	Peak	284.00	200	Vertical	Pass
1**	1593.000	29.08	54.0	24.92	AV	284.00	200	Vertical	Pass
2	4353.000	47.23	74.0	26.77	Peak	215.00	400	Vertical	Pass
2**	4353.000	38.37	54.0	15.63	AV	215.00	400	Vertical	Pass
3	5299.000	99.87	--	--	Peak	255.00	150	Vertical	N/A
3**	5299.000	93.45	--	--	AV	255.00	150	Vertical	N/A
4	7594.500	52.47	74.0	21.53	Peak	314.00	200	Vertical	Pass
4**	7594.500	44.37	54.0	9.63	AV	314.00	200	Vertical	Pass
5	12449.800	53.83	74.0	20.17	Peak	193.00	100	Vertical	Pass
5**	12449.800	44.62	54.0	9.38	AV	193.00	100	Vertical	Pass
6	15877.162	54.28	74.0	19.72	Peak	48.00	200	Vertical	Pass
6**	15877.162	44.07	54.0	9.93	AV	48.00	200	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	1619.100	37.77	74.0	36.23	Peak	360.00	200	Horizontal	Pass
1**	1619.100	28.97	54.0	25.03	AV	360.00	200	Horizontal	Pass
2	4038.250	47.40	74.0	26.60	Peak	173.00	200	Horizontal	Pass
2**	4038.250	37.56	54.0	16.44	AV	173.00	200	Horizontal	Pass
3	5321.250	105.03	--	--	Peak	35.00	200	Horizontal	N/A
3**	5321.250	97.92	--	--	AV	35.00	200	Horizontal	N/A
4	7359.250	52.97	74.0	21.03	Peak	360.00	200	Horizontal	Pass
4**	7359.250	44.12	54.0	9.88	AV	360.00	200	Horizontal	Pass
5	12496.825	53.35	74.0	20.65	Peak	300.00	200	Horizontal	Pass
5**	12496.825	45.81	54.0	8.19	AV	300.00	200	Horizontal	Pass
6	16077.712	54.39	74.0	19.61	Peak	9.00	200	Horizontal	Pass
6**	16077.712	43.90	54.0	10.10	AV	9.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	38.92	74.0	35.08	Peak	125.00	100	Vertical	Pass
1**	1625.200	28.86	54.0	25.14	AV	125.00	100	Vertical	Pass
2	4255.250	47.35	74.0	26.65	Peak	14.00	100	Vertical	Pass
2**	4255.250	37.68	54.0	16.32	AV	14.00	100	Vertical	Pass
3	5321.500	97.23	--	--	Peak	251.00	200	Vertical	N/A
3**	5321.500	90.34	--	--	AV	251.00	200	Vertical	N/A
4	7614.000	52.90	74.0	21.10	Peak	289.00	300	Vertical	Pass
4**	7614.000	44.73	54.0	9.27	AV	289.00	300	Vertical	Pass
5	12499.200	53.39	74.0	20.61	Peak	179.00	200	Vertical	Pass
5**	12499.200	45.07	54.0	8.93	AV	179.00	200	Vertical	Pass
6	15644.063	53.93	74.0	20.07	Peak	152.00	200	Vertical	Pass
6**	15644.063	44.29	54.0	9.71	AV	152.00	200	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	1592.900	38.07	74.0	35.93	Peak	360.00	300	Horizontal	Pass
1**	1592.900	29.87	54.0	24.13	AV	360.00	300	Horizontal	Pass
2	4260.500	47.17	74.0	26.83	Peak	0.00	200	Horizontal	Pass
2**	4260.500	38.39	54.0	15.61	AV	0.00	200	Horizontal	Pass
3	5272.250	104.22	--	--	Peak	35.00	100	Horizontal	N/A
3**	5272.250	97.31	--	--	AV	35.00	100	Horizontal	N/A
4	7337.250	53.23	74.0	20.77	Peak	289.00	300	Horizontal	Pass
4**	7337.250	43.34	54.0	10.66	AV	289.00	300	Horizontal	Pass
5	12464.050	53.34	74.0	20.66	Peak	193.00	200	Horizontal	Pass
5**	12464.050	44.58	54.0	9.42	AV	193.00	200	Horizontal	Pass
6	16089.787	54.65	74.0	19.35	Peak	311.00	400	Horizontal	Pass
6**	16089.787	44.76	54.0	9.24	AV	311.00	400	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	1617.200	38.33	74.0	35.67	Peak	213.00	100	Vertical	Pass
1**	1617.200	29.10	54.0	24.90	AV	213.00	100	Vertical	Pass
2	4266.500	47.77	74.0	26.23	Peak	14.00	100	Vertical	Pass
2**	4266.500	38.30	54.0	15.70	AV	14.00	100	Vertical	Pass
3	5272.750	96.52	--	--	Peak	251.00	100	Vertical	N/A
3**	5272.750	89.14	--	--	AV	251.00	100	Vertical	N/A
4	7606.000	52.86	74.0	21.14	Peak	94.00	100	Vertical	Pass
4**	7606.000	43.59	54.0	10.41	AV	94.00	100	Vertical	Pass
5	12496.588	53.53	74.0	20.47	Peak	186.00	200	Vertical	Pass
5**	12496.588	44.77	54.0	9.23	AV	186.00	200	Vertical	Pass
6	15904.201	53.73	74.0	20.27	Peak	251.00	100	Vertical	Pass
6**	15904.201	45.57	54.0	8.43	AV	251.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.800	39.05	74.0	34.95	Peak	158.00	300	Horizontal	Pass
1**	1612.800	29.82	54.0	24.18	AV	158.00	300	Horizontal	Pass
2	4335.750	47.70	74.0	26.30	Peak	14.00	300	Horizontal	Pass
2**	4335.750	38.09	54.0	15.91	AV	14.00	300	Horizontal	Pass
3	5314.250	100.08	--	--	Peak	92.00	200	Horizontal	N/A
3**	5314.250	92.20	--	--	AV	92.00	200	Horizontal	N/A
4	7487.500	53.42	74.0	20.58	Peak	232.00	100	Horizontal	Pass
4**	7487.500	43.19	54.0	10.81	AV	232.00	100	Horizontal	Pass
5	11774.825	53.48	74.0	20.52	Peak	90.00	150	Horizontal	Pass
5**	11774.825	42.97	54.0	11.03	AV	90.00	150	Horizontal	Pass
6	16090.050	53.97	74.0	20.03	Peak	76.00	100	Horizontal	Pass
6**	16090.050	44.67	54.0	9.33	AV	76.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.300	39.54	74.0	34.46	Peak	63.00	100	Vertical	Pass
1**	1477.300	30.54	54.0	23.46	AV	63.00	100	Vertical	Pass
2	4365.500	46.95	74.0	27.05	Peak	113.00	400	Vertical	Pass
2**	4365.500	38.44	54.0	15.56	AV	113.00	400	Vertical	Pass
3	5312.750	91.97	--	--	Peak	250.00	100	Vertical	N/A
3**	5312.750	83.41	--	--	AV	250.00	100	Vertical	N/A
4	7360.000	53.51	74.0	20.49	Peak	132.00	200	Vertical	Pass
4**	7360.000	43.63	54.0	10.37	AV	132.00	200	Vertical	Pass
5	12496.588	53.67	74.0	20.33	Peak	118.00	200	Vertical	Pass
5**	12496.588	44.54	54.0	9.46	AV	118.00	200	Vertical	Pass
6	16149.112	53.96	74.0	20.04	Peak	137.00	200	Vertical	Pass
6**	16149.112	44.49	54.0	9.51	AV	137.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.100	38.26	74.0	35.74	Peak	169.00	200	Horizontal	Pass
1**	1624.100	28.71	54.0	25.29	AV	169.00	200	Horizontal	Pass
2	4208.250	48.72	74.0	25.28	Peak	98.00	300	Horizontal	Pass
2**	4208.250	42.09	54.0	11.91	AV	98.00	300	Horizontal	Pass
3	5259.250	108.12	--	--	Peak	35.00	150	Horizontal	N/A
3**	5259.250	101.58	--	--	AV	35.00	150	Horizontal	N/A
4	7333.000	52.74	74.0	21.26	Peak	0.00	300	Horizontal	Pass
4**	7333.000	43.67	54.0	10.33	AV	0.00	300	Horizontal	Pass
5	12495.875	53.98	74.0	20.02	Peak	291.00	150	Horizontal	Pass
5**	12495.875	45.16	54.0	8.84	AV	291.00	150	Horizontal	Pass
6	15646.162	53.70	74.0	20.30	Peak	237.00	300	Horizontal	Pass
6**	15646.162	44.01	54.0	9.99	AV	237.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.100	38.48	74.0	35.52	Peak	276.00	200	Vertical	Pass
1**	1509.100	28.18	54.0	25.82	AV	276.00	200	Vertical	Pass
2	4383.250	47.00	74.0	27.00	Peak	270.00	400	Vertical	Pass
2**	4383.250	38.98	54.0	15.02	AV	270.00	400	Vertical	Pass
3	5262.000	101.67	--	--	Peak	249.00	100	Vertical	N/A
3**	5262.000	94.13	--	--	AV	249.00	100	Vertical	N/A
4	7600.000	53.73	74.0	20.27	Peak	93.00	300	Vertical	Pass
4**	7600.000	43.91	54.0	10.09	AV	93.00	300	Vertical	Pass
5	12433.887	53.66	74.0	20.34	Peak	17.00	150	Vertical	Pass
5**	12433.887	44.46	54.0	9.54	AV	17.00	150	Vertical	Pass
6	16122.863	54.40	74.0	19.60	Peak	266.00	100	Vertical	Pass
6**	16122.863	44.52	54.0	9.48	AV	266.00	100	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	1550.400	38.39	74.0	35.61	Peak	55.00	400	Horizontal	Pass
1**	1550.400	28.24	54.0	25.76	AV	55.00	400	Horizontal	Pass
2	4263.250	47.29	74.0	26.71	Peak	251.00	100	Horizontal	Pass
2**	4263.250	38.01	54.0	15.99	AV	251.00	100	Horizontal	Pass
3	5302.250	107.41	--	--	Peak	113.00	100	Horizontal	N/A
3**	5302.250	99.94	--	--	AV	113.00	100	Horizontal	N/A
4	7421.250	52.57	74.0	21.43	Peak	152.00	200	Horizontal	Pass
4**	7421.250	43.55	54.0	10.45	AV	152.00	200	Horizontal	Pass
5	12523.187	54.29	74.0	19.71	Peak	206.00	150	Horizontal	Pass
5**	12523.187	44.65	54.0	9.35	AV	206.00	150	Horizontal	Pass
6	16094.513	54.08	74.0	19.92	Peak	86.00	300	Horizontal	Pass
6**	16094.513	44.64	54.0	9.36	AV	86.00	300	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	1517.600	38.82	74.0	35.18	Peak	37.00	400	Vertical	Pass
1**	1517.600	29.42	54.0	24.58	AV	37.00	400	Vertical	Pass
2	4369.500	47.64	74.0	26.36	Peak	35.00	100	Vertical	Pass
2**	4369.500	38.68	54.0	15.32	AV	35.00	100	Vertical	Pass
3	5299.000	100.23	--	--	Peak	251.00	100	Vertical	N/A
3**	5299.000	92.58	--	--	AV	251.00	100	Vertical	N/A
4	7685.000	52.78	74.0	21.22	Peak	134.00	400	Vertical	Pass
4**	7685.000	43.35	54.0	10.65	AV	134.00	400	Vertical	Pass
5	12517.012	54.16	74.0	19.84	Peak	43.00	200	Vertical	Pass
5**	12517.012	44.61	54.0	9.39	AV	43.00	200	Vertical	Pass
6	16123.650	54.34	74.0	19.66	Peak	159.00	400	Vertical	Pass
6**	16123.650	44.72	54.0	9.28	AV	159.00	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	1610.300	38.22	74.0	35.78	Peak	286.00	400	Horizontal	Pass
1**	1610.300	28.75	54.0	25.25	AV	286.00	400	Horizontal	Pass
2	3606.250	47.25	74.0	26.75	Peak	270.00	400	Horizontal	Pass
2**	3606.250	36.79	54.0	17.21	AV	270.00	400	Horizontal	Pass
3	5322.250	104.93	--	--	Peak	35.00	200	Horizontal	N/A
3**	5322.250	97.21	--	--	AV	35.00	200	Horizontal	N/A
4	7597.000	52.99	74.0	21.01	Peak	192.00	200	Horizontal	Pass
4**	7597.000	42.97	54.0	11.03	AV	192.00	200	Horizontal	Pass
5	12451.225	54.03	74.0	19.97	Peak	78.00	100	Horizontal	Pass
5**	12451.225	44.76	54.0	9.24	AV	78.00	100	Horizontal	Pass
6	16111.838	53.87	74.0	20.13	Peak	263.00	200	Horizontal	Pass
6**	16111.838	44.74	54.0	9.26	AV	263.00	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	1463.900	38.39	74.0	35.61	Peak	73.00	100	Vertical	Pass
1**	1463.900	29.27	54.0	24.73	AV	73.00	100	Vertical	Pass
2	4346.750	47.09	74.0	26.91	Peak	312.00	400	Vertical	Pass
2**	4346.750	38.89	54.0	15.11	AV	312.00	400	Vertical	Pass
3	5322.250	97.05	--	--	Peak	253.00	150	Vertical	N/A
3**	5322.250	89.45	--	--	AV	253.00	150	Vertical	N/A
4	7601.000	52.96	74.0	21.04	Peak	135.00	400	Vertical	Pass
4**	7601.000	43.99	54.0	10.01	AV	135.00	400	Vertical	Pass
5	12487.326	53.25	74.0	20.75	Peak	230.00	200	Vertical	Pass
5**	12487.326	45.43	54.0	8.57	AV	230.00	200	Vertical	Pass
6	15898.687	54.31	74.0	19.69	Peak	35.00	100	Vertical	Pass
6**	15898.687	45.06	54.0	8.94	AV	35.00	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	1512.400	38.29	74.0	35.71	Peak	188.00	200	Horizontal	Pass
1**	1512.400	29.01	54.0	24.99	AV	188.00	200	Horizontal	Pass
2	4285.750	47.46	74.0	26.54	Peak	289.00	200	Horizontal	Pass
2**	4285.750	37.98	54.0	16.02	AV	289.00	200	Horizontal	Pass
3	5272.250	104.51	--	--	Peak	93.00	100	Horizontal	N/A
3**	5272.250	97.04	--	--	AV	93.00	100	Horizontal	N/A
4	7571.750	52.56	74.0	21.44	Peak	348.00	100	Horizontal	Pass
4**	7571.750	42.51	54.0	11.49	AV	348.00	100	Horizontal	Pass
5	12464.525	53.73	74.0	20.27	Peak	278.00	200	Horizontal	Pass
5**	12464.525	44.60	54.0	9.40	AV	278.00	200	Horizontal	Pass
6	15893.701	53.65	74.0	20.35	Peak	255.00	100	Horizontal	Pass
6**	15893.701	44.89	54.0	9.11	AV	255.00	100	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	1558.800	38.19	74.0	35.81	Peak	327.00	200	Vertical	Pass
1**	1558.800	29.27	54.0	24.73	AV	327.00	200	Vertical	Pass
2	4370.750	47.62	74.0	26.38	Peak	74.00	300	Vertical	Pass
2**	4370.750	37.47	54.0	16.53	AV	74.00	300	Vertical	Pass
3	5271.500	96.57	--	--	Peak	249.00	100	Vertical	N/A
3**	5271.500	89.04	--	--	AV	249.00	100	Vertical	N/A
4	7685.750	52.80	74.0	21.20	Peak	111.00	300	Vertical	Pass
4**	7685.750	44.96	54.0	9.04	AV	111.00	300	Vertical	Pass
5	12543.375	53.25	74.0	20.75	Peak	43.00	150	Vertical	Pass
5**	12543.375	43.50	54.0	10.50	AV	43.00	150	Vertical	Pass
6	15686.325	54.16	74.0	19.84	Peak	338.00	400	Vertical	Pass
6**	15686.325	44.54	54.0	9.46	AV	338.00	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	1577.000	38.29	74.0	35.71	Peak	90.00	200	Horizontal	Pass
1**	1577.000	29.00	54.0	25.00	AV	90.00	200	Horizontal	Pass
2	4349.500	47.78	74.0	26.22	Peak	360.00	400	Horizontal	Pass
2**	4349.500	38.70	54.0	15.30	AV	360.00	400	Horizontal	Pass
3	5311.500	100.16	--	--	Peak	93.00	100	Horizontal	N/A
3**	5311.500	92.77	--	--	AV	93.00	100	Horizontal	N/A
4	7337.000	52.45	74.0	21.55	Peak	289.00	400	Horizontal	Pass
4**	7337.000	43.44	54.0	10.56	AV	289.00	400	Horizontal	Pass
5	12499.675	54.18	74.0	19.82	Peak	358.00	200	Horizontal	Pass
5**	12499.675	44.95	54.0	9.05	AV	358.00	200	Horizontal	Pass
6	15891.338	54.27	74.0	19.73	Peak	41.00	100	Horizontal	Pass
6**	15891.338	44.55	54.0	9.45	AV	41.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.400	38.23	74.0	35.77	Peak	276.00	400	Vertical	Pass
1**	1474.400	29.00	54.0	25.00	AV	276.00	400	Vertical	Pass
2	4341.500	47.50	74.0	26.50	Peak	214.00	200	Vertical	Pass
2**	4341.500	38.18	54.0	15.82	AV	214.00	200	Vertical	Pass
3	5311.750	91.91	--	--	Peak	253.00	200	Vertical	N/A
3**	5311.750	84.11	--	--	AV	253.00	200	Vertical	N/A
4	7612.000	52.90	74.0	21.10	Peak	36.00	100	Vertical	Pass
4**	7612.000	44.07	54.0	9.93	AV	36.00	100	Vertical	Pass
5	12465.475	53.70	74.0	20.30	Peak	0.00	200	Vertical	Pass
5**	12465.475	45.21	54.0	8.79	AV	0.00	200	Vertical	Pass
6	16123.650	54.57	74.0	19.43	Peak	309.00	300	Vertical	Pass
6**	16123.650	45.73	54.0	8.27	AV	309.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.300	38.18	74.0	35.82	Peak	216.00	100	Horizontal	Pass
1**	1618.300	30.95	54.0	23.05	AV	216.00	100	Horizontal	Pass
2	4323.250	47.68	74.0	26.32	Peak	173.00	400	Horizontal	Pass
2**	4323.250	38.62	54.0	15.38	AV	173.00	400	Horizontal	Pass
3	5303.500	95.54	--	--	Peak	94.00	100	Horizontal	N/A
3**	5303.500	87.15	--	--	AV	94.00	100	Horizontal	N/A
4	7646.000	53.00	74.0	21.00	Peak	270.00	400	Horizontal	Pass
4**	7646.000	43.36	54.0	10.64	AV	270.00	400	Horizontal	Pass
5	11800.950	53.89	74.0	20.11	Peak	0.00	100	Horizontal	Pass
5**	11800.950	42.93	54.0	11.07	AV	0.00	100	Horizontal	Pass
6	15895.800	54.06	74.0	19.94	Peak	152.00	300	Horizontal	Pass
6**	15895.800	45.17	54.0	8.83	AV	152.00	300	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	1595.500	38.42	74.0	35.58	Peak	360.00	200	Vertical	Pass
1**	1595.500	28.81	54.0	25.19	AV	360.00	200	Vertical	Pass
2	4349.500	47.78	74.0	26.22	Peak	55.00	100	Vertical	Pass
2**	4349.500	38.34	54.0	15.66	AV	55.00	100	Vertical	Pass
3	5293.500	87.20	--	--	Peak	253.00	100	Vertical	N/A
3**	5293.500	79.65	--	--	AV	253.00	100	Vertical	N/A
4	7604.750	52.92	74.0	21.08	Peak	292.00	400	Vertical	Pass
4**	7604.750	44.06	54.0	9.94	AV	292.00	400	Vertical	Pass
5	12469.512	53.45	74.0	20.55	Peak	223.00	200	Vertical	Pass
5**	12469.512	44.53	54.0	9.47	AV	223.00	200	Vertical	Pass
6	16151.213	54.20	74.0	19.80	Peak	256.00	300	Vertical	Pass
6**	16151.213	44.32	54.0	9.68	AV	256.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.000	38.19	74.0	35.81	Peak	277.00	400	Horizontal	Pass
1**	1473.000	29.61	54.0	24.39	AV	277.00	400	Horizontal	Pass
2	4364.500	47.46	74.0	26.54	Peak	329.00	200	Horizontal	Pass
2**	4364.500	38.15	54.0	15.85	AV	329.00	200	Horizontal	Pass
3	5498.500	100.43	--	--	Peak	94.00	100	Horizontal	N/A
3**	5498.500	93.09	--	--	AV	94.00	100	Horizontal	N/A
4	7704.250	52.94	74.0	21.06	Peak	329.00	100	Horizontal	Pass
4**	7704.250	43.57	54.0	10.43	AV	329.00	100	Horizontal	Pass
5	12460.250	53.34	74.0	20.66	Peak	113.00	200	Horizontal	Pass
5**	12460.250	45.26	54.0	8.74	AV	113.00	200	Horizontal	Pass
6	16109.737	53.99	74.0	20.01	Peak	0.00	400	Horizontal	Pass
6**	16109.737	45.13	54.0	8.87	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.100	38.41	74.0	35.59	Peak	62.00	100	Vertical	Pass
1**	1559.100	28.76	54.0	25.24	AV	62.00	100	Vertical	Pass
2	4351.500	46.75	74.0	27.25	Peak	294.00	300	Vertical	Pass
2**	4351.500	37.87	54.0	16.13	AV	294.00	300	Vertical	Pass
3	5500.000	94.56	--	--	Peak	195.00	150	Vertical	N/A
3**	5500.000	87.49	--	--	AV	195.00	150	Vertical	N/A
4	7420.500	52.68	74.0	21.32	Peak	137.00	200	Vertical	Pass
4**	7420.500	43.59	54.0	10.41	AV	137.00	200	Vertical	Pass
5	12485.425	53.68	74.0	20.32	Peak	24.00	150	Vertical	Pass
5**	12485.425	44.30	54.0	9.70	AV	24.00	150	Vertical	Pass
6	15891.863	53.95	74.0	20.05	Peak	174.00	100	Vertical	Pass
6**	15891.863	45.22	54.0	8.78	AV	174.00	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	1546.800	39.06	74.0	34.94	Peak	232.00	200	Horizontal	Pass
1**	1546.800	30.30	54.0	23.70	AV	232.00	200	Horizontal	Pass
2	4369.750	47.18	74.0	26.82	Peak	290.00	100	Horizontal	Pass
2**	4369.750	37.81	54.0	16.19	AV	290.00	100	Horizontal	Pass
3	5580.250	108.90	--	--	Peak	74.00	100	Horizontal	N/A
3**	5580.250	102.69	--	--	AV	74.00	100	Horizontal	N/A
4	7594.500	53.47	74.0	20.53	Peak	329.00	200	Horizontal	Pass
4**	7594.500	44.27	54.0	9.73	AV	329.00	200	Horizontal	Pass
5	12500.388	53.84	74.0	20.16	Peak	184.00	150	Horizontal	Pass
5**	12500.388	44.58	54.0	9.42	AV	184.00	150	Horizontal	Pass
6	16065.112	54.55	74.0	19.45	Peak	48.00	400	Horizontal	Pass
6**	16065.112	44.82	54.0	9.18	AV	48.00	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	1612.000	38.64	74.0	35.36	Peak	303.00	100	Vertical	Pass
1**	1612.000	28.79	54.0	25.21	AV	303.00	100	Vertical	Pass
2	4381.500	47.22	74.0	26.78	Peak	336.00	300	Vertical	Pass
2**	4381.500	38.04	54.0	15.96	AV	336.00	300	Vertical	Pass
3	5581.500	105.63	--	--	Peak	217.00	200	Vertical	N/A
3**	5581.500	98.06	--	--	AV	217.00	200	Vertical	N/A
4	7350.250	53.56	74.0	20.44	Peak	360.00	300	Vertical	Pass
4**	7350.250	44.20	54.0	9.80	AV	360.00	300	Vertical	Pass
5	12499.675	54.30	74.0	19.70	Peak	165.00	100	Vertical	Pass
5**	12499.675	44.69	54.0	9.31	AV	165.00	100	Vertical	Pass
6	16122.863	54.52	74.0	19.48	Peak	183.00	300	Vertical	Pass
6**	16122.863	45.26	54.0	8.74	AV	183.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.900	38.56	74.0	35.44	Peak	27.00	300	Horizontal	Pass
1**	1524.900	28.85	54.0	25.15	AV	27.00	300	Horizontal	Pass
2	4342.250	47.49	74.0	26.51	Peak	350.00	300	Horizontal	Pass
2**	4342.250	38.25	54.0	15.75	AV	350.00	300	Horizontal	Pass
3	5701.250	99.85	--	--	Peak	75.00	100	Horizontal	N/A
3**	5701.250	92.50	--	--	AV	75.00	100	Horizontal	N/A
4	7685.750	53.35	74.0	20.65	Peak	38.00	100	Horizontal	Pass
4**	7685.750	45.01	54.0	8.99	AV	38.00	100	Horizontal	Pass
5	12496.825	53.63	74.0	20.37	Peak	307.00	200	Horizontal	Pass
5**	12496.825	44.99	54.0	9.01	AV	307.00	200	Horizontal	Pass
6	15888.975	54.57	74.0	19.43	Peak	167.00	400	Horizontal	Pass
6**	15888.975	45.66	54.0	8.34	AV	167.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.100	38.12	74.0	35.88	Peak	0.00	200	Vertical	Pass
1**	1614.100	28.96	54.0	25.04	AV	0.00	200	Vertical	Pass
2	4383.750	48.46	74.0	25.54	Peak	295.00	300	Vertical	Pass
2**	4383.750	38.59	54.0	15.41	AV	295.00	300	Vertical	Pass
3	5699.250	96.83	--	--	Peak	215.00	150	Vertical	N/A
3**	5699.250	88.69	--	--	AV	215.00	150	Vertical	N/A
4	7352.250	53.71	74.0	20.29	Peak	116.00	200	Vertical	Pass
4**	7352.250	45.24	54.0	8.76	AV	116.00	200	Vertical	Pass
5	12529.599	53.50	74.0	20.50	Peak	49.00	100	Vertical	Pass
5**	12529.599	45.06	54.0	8.94	AV	49.00	100	Vertical	Pass
6	15893.701	54.38	74.0	19.62	Peak	9.00	400	Vertical	Pass
6**	15893.701	44.89	54.0	9.11	AV	9.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.600	39.38	74.0	34.62	Peak	99.00	300	Horizontal	Pass
1**	1578.600	28.26	54.0	25.74	AV	99.00	300	Horizontal	Pass
2	4348.500	47.01	74.0	26.99	Peak	171.00	200	Horizontal	Pass
2**	4348.500	37.85	54.0	16.15	AV	171.00	200	Horizontal	Pass
3	5497.500	100.64	--	--	Peak	93.00	150	Horizontal	N/A
3**	5497.500	91.94	--	--	AV	93.00	150	Horizontal	N/A
4	7627.000	52.79	74.0	21.21	Peak	171.00	100	Horizontal	Pass
4**	7627.000	44.39	54.0	9.61	AV	171.00	100	Horizontal	Pass
5	12424.150	54.37	74.0	19.63	Peak	271.00	200	Horizontal	Pass
5**	12424.150	43.55	54.0	10.45	AV	271.00	200	Horizontal	Pass
6	16121.287	53.81	74.0	20.19	Peak	183.00	200	Horizontal	Pass
6**	16121.287	44.98	54.0	9.02	AV	183.00	200	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	1604.700	38.20	74.0	35.80	Peak	19.00	200	Vertical	Pass
1**	1604.700	28.78	54.0	25.22	AV	19.00	200	Vertical	Pass
2	4066.750	47.10	74.0	26.90	Peak	290.00	100	Vertical	Pass
2**	4066.750	37.48	54.0	16.52	AV	290.00	100	Vertical	Pass
3	5501.000	93.79	--	--	Peak	212.00	100	Vertical	N/A
3**	5501.000	87.21	--	--	AV	212.00	100	Vertical	N/A
4	7486.750	52.72	74.0	21.28	Peak	152.00	200	Vertical	Pass
4**	7486.750	43.32	54.0	10.68	AV	152.00	200	Vertical	Pass
5	12448.375	53.47	74.0	20.53	Peak	142.00	100	Vertical	Pass
5**	12448.375	44.20	54.0	9.80	AV	142.00	100	Vertical	Pass
6	15682.912	55.10	74.0	18.90	Peak	122.00	400	Vertical	Pass
6**	15682.912	44.11	54.0	9.89	AV	122.00	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	1481.500	38.63	74.0	35.37	Peak	253.00	200	Horizontal	Pass
1**	1481.500	29.06	54.0	24.94	AV	253.00	200	Horizontal	Pass
2	4349.000	47.54	74.0	26.46	Peak	231.00	300	Horizontal	Pass
2**	4349.000	37.85	54.0	16.15	AV	231.00	300	Horizontal	Pass
3	5578.000	109.25	--	--	Peak	93.00	200	Horizontal	N/A
3**	5578.000	102.19	--	--	AV	93.00	200	Horizontal	N/A
4	7334.250	52.85	74.0	21.15	Peak	289.00	300	Horizontal	Pass
4**	7334.250	43.59	54.0	10.41	AV	289.00	300	Horizontal	Pass
5	12486.375	53.95	74.0	20.05	Peak	87.00	150	Horizontal	Pass
5**	12486.375	44.10	54.0	9.90	AV	87.00	150	Horizontal	Pass
6	16107.112	54.01	74.0	19.99	Peak	174.00	400	Horizontal	Pass
6**	16107.112	44.63	54.0	9.37	AV	174.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.500	38.33	74.0	35.67	Peak	172.00	400	Vertical	Pass
1**	1463.500	28.84	54.0	25.16	AV	172.00	400	Vertical	Pass
2	4331.500	47.66	74.0	26.34	Peak	328.00	100	Vertical	Pass
2**	4331.500	38.24	54.0	15.76	AV	328.00	100	Vertical	Pass
3	5578.250	105.94	--	--	Peak	210.00	100	Vertical	N/A
3**	5578.250	97.92	--	--	AV	210.00	100	Vertical	N/A
4	7609.750	52.95	74.0	21.05	Peak	210.00	100	Vertical	Pass
4**	7609.750	43.85	54.0	10.15	AV	210.00	100	Vertical	Pass
5	12460.250	53.18	74.0	20.82	Peak	300.00	200	Vertical	Pass
5**	12460.250	44.40	54.0	9.60	AV	300.00	200	Vertical	Pass
6	15624.901	53.83	74.0	20.17	Peak	360.00	100	Vertical	Pass
6**	15624.901	43.97	54.0	10.03	AV	360.00	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	1565.200	38.45	74.0	35.55	Peak	36.00	100	Horizontal	Pass
1**	1565.200	28.83	54.0	25.17	AV	36.00	100	Horizontal	Pass
2	4345.250	47.79	74.0	26.21	Peak	212.00	400	Horizontal	Pass
2**	4345.250	39.73	54.0	14.27	AV	212.00	400	Horizontal	Pass
3	5701.250	99.21	--	--	Peak	75.00	150	Horizontal	N/A
3**	5701.250	91.95	--	--	AV	75.00	150	Horizontal	N/A
4	7601.750	52.85	74.0	21.15	Peak	360.00	400	Horizontal	Pass
4**	7601.750	44.11	54.0	9.89	AV	360.00	400	Horizontal	Pass
5	12475.213	53.86	74.0	20.14	Peak	321.00	150	Horizontal	Pass
5**	12475.213	44.76	54.0	9.24	AV	321.00	150	Horizontal	Pass
6	15918.638	54.46	74.0	19.54	Peak	63.00	300	Horizontal	Pass
6**	15918.638	45.32	54.0	8.68	AV	63.00	300	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	1559.700	38.76	74.0	35.24	Peak	148.00	100	Vertical	Pass
1**	1559.700	28.41	54.0	25.59	AV	148.00	100	Vertical	Pass
2	4105.750	47.97	74.0	26.03	Peak	360.00	100	Vertical	Pass
2**	4105.750	39.39	54.0	14.61	AV	360.00	100	Vertical	Pass
3	5701.000	97.07	--	--	Peak	215.00	150	Vertical	N/A
3**	5701.000	88.89	--	--	AV	215.00	150	Vertical	N/A
4	7600.750	53.26	74.0	20.74	Peak	76.00	200	Vertical	Pass
4**	7600.750	43.99	54.0	10.01	AV	76.00	200	Vertical	Pass
5	12535.775	54.56	74.0	19.44	Peak	349.00	150	Vertical	Pass
5**	12535.775	44.66	54.0	9.34	AV	349.00	150	Vertical	Pass
6	16043.325	54.53	74.0	19.47	Peak	342.00	300	Vertical	Pass
6**	16043.325	44.30	54.0	9.70	AV	342.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.100	38.48	74.0	35.52	Peak	160.00	100	Horizontal	Pass
1**	1623.100	28.60	54.0	25.40	AV	160.00	100	Horizontal	Pass
2	4323.250	48.17	74.0	25.83	Peak	113.00	100	Horizontal	Pass
2**	4323.250	38.34	54.0	15.66	AV	113.00	100	Horizontal	Pass
3	5512.000	97.22	--	--	Peak	94.00	150	Horizontal	N/A
3**	5512.000	89.41	--	--	AV	94.00	150	Horizontal	N/A
4	7590.750	53.71	74.0	20.29	Peak	290.00	300	Horizontal	Pass
4**	7590.750	43.79	54.0	10.21	AV	290.00	300	Horizontal	Pass
5	12459.062	53.59	74.0	20.41	Peak	293.00	150	Horizontal	Pass
5**	12459.062	44.13	54.0	9.87	AV	293.00	150	Horizontal	Pass
6	15883.725	54.46	74.0	19.54	Peak	132.00	200	Horizontal	Pass
6**	15883.725	45.10	54.0	8.90	AV	132.00	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	1606.300	38.87	74.0	35.13	Peak	78.00	200	Vertical	Pass
1**	1606.300	30.22	54.0	23.78	AV	78.00	200	Vertical	Pass
2	4270.750	47.00	74.0	27.00	Peak	113.00	300	Vertical	Pass
2**	4270.750	38.59	54.0	15.41	AV	113.00	300	Vertical	Pass
3	5512.500	90.69	--	--	Peak	212.00	150	Vertical	N/A
3**	5512.500	82.77	--	--	AV	212.00	150	Vertical	N/A
4	7373.250	52.60	74.0	21.40	Peak	330.00	400	Vertical	Pass
4**	7373.250	43.42	54.0	10.58	AV	330.00	400	Vertical	Pass
5	12496.113	54.07	74.0	19.93	Peak	70.00	200	Vertical	Pass
5**	12496.113	44.97	54.0	9.03	AV	70.00	200	Vertical	Pass
6	16116.825	54.30	74.0	19.70	Peak	176.00	100	Vertical	Pass
6**	16116.825	45.06	54.0	8.94	AV	176.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.900	38.48	74.0	35.52	Peak	204.00	200	Horizontal	Pass
1**	1615.900	29.36	54.0	24.64	AV	204.00	200	Horizontal	Pass
2	4354.000	47.63	74.0	26.37	Peak	16.00	200	Horizontal	Pass
2**	4354.000	38.84	54.0	15.16	AV	16.00	200	Horizontal	Pass
3	5585.250	105.80	--	--	Peak	76.00	200	Horizontal	N/A
3**	5585.250	97.36	--	--	AV	76.00	200	Horizontal	N/A
4	7613.750	52.96	74.0	21.04	Peak	350.00	100	Horizontal	Pass
4**	7613.750	43.67	54.0	10.33	AV	350.00	100	Horizontal	Pass
5	12511.313	53.68	74.0	20.32	Peak	1.00	100	Horizontal	Pass
5**	12511.313	44.54	54.0	9.46	AV	1.00	100	Horizontal	Pass
6	16101.862	53.81	74.0	20.19	Peak	227.00	400	Horizontal	Pass
6**	16101.862	45.17	54.0	8.83	AV	227.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	38.58	74.0	35.42	Peak	296.00	300	Vertical	Pass
1**	1599.800	28.74	54.0	25.26	AV	296.00	300	Vertical	Pass
2	4208.500	47.13	74.0	26.87	Peak	192.00	200	Vertical	Pass
2**	4208.500	38.06	54.0	15.94	AV	192.00	200	Vertical	Pass
3	5582.250	101.99	--	--	Peak	212.00	150	Vertical	N/A
3**	5582.250	93.60	--	--	AV	212.00	150	Vertical	N/A
4	7642.250	53.27	74.0	20.73	Peak	192.00	300	Vertical	Pass
4**	7642.250	43.28	54.0	10.72	AV	192.00	300	Vertical	Pass
5	12507.275	54.24	74.0	19.76	Peak	223.00	200	Vertical	Pass
5**	12507.275	44.52	54.0	9.48	AV	223.00	200	Vertical	Pass
6	15715.724	53.72	74.0	20.28	Peak	263.00	200	Vertical	Pass
6**	15715.724	44.20	54.0	9.80	AV	263.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.200	38.36	74.0	35.64	Peak	51.00	300	Horizontal	Pass
1**	1611.200	28.56	54.0	25.44	AV	51.00	300	Horizontal	Pass
2	4261.750	47.14	74.0	26.86	Peak	227.00	200	Horizontal	Pass
2**	4261.750	38.11	54.0	15.89	AV	227.00	200	Horizontal	Pass
3	5668.500	99.73	--	--	Peak	72.00	200	Horizontal	N/A
3**	5668.500	93.53	--	--	AV	72.00	200	Horizontal	N/A
4	7402.750	52.86	74.0	21.14	Peak	227.00	400	Horizontal	Pass
4**	7402.750	43.06	54.0	10.94	AV	227.00	400	Horizontal	Pass
5	12537.437	53.86	74.0	20.14	Peak	300.00	150	Horizontal	Pass
5**	12537.437	44.13	54.0	9.87	AV	300.00	150	Horizontal	Pass
6	15927.562	54.11	74.0	19.89	Peak	25.00	400	Horizontal	Pass
6**	15927.562	44.18	54.0	9.82	AV	25.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.100	38.24	74.0	35.76	Peak	124.00	200	Vertical	Pass
1**	1616.100	28.85	54.0	25.15	AV	124.00	200	Vertical	Pass
2	4238.750	47.00	74.0	27.00	Peak	16.00	300	Vertical	Pass
2**	4238.750	38.52	54.0	15.48	AV	16.00	300	Vertical	Pass
3	5668.500	95.40	--	--	Peak	231.00	150	Vertical	N/A
3**	5668.500	87.43	--	--	AV	231.00	150	Vertical	N/A
4	7607.250	53.21	74.0	20.79	Peak	360.00	100	Vertical	Pass
4**	7607.250	45.22	54.0	8.78	AV	360.00	100	Vertical	Pass
5	12477.112	53.54	74.0	20.46	Peak	0.00	150	Vertical	Pass
5**	12477.112	43.64	54.0	10.36	AV	0.00	150	Vertical	Pass
6	15909.713	53.81	74.0	20.19	Peak	40.00	400	Vertical	Pass
6**	15909.713	44.54	54.0	9.46	AV	40.00	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	1600.200	38.35	74.0	35.65	Peak	303.00	300	Horizontal	Pass
1**	1600.200	29.23	54.0	24.77	AV	303.00	300	Horizontal	Pass
2	4194.750	47.04	74.0	26.96	Peak	197.00	400	Horizontal	Pass
2**	4194.750	37.43	54.0	16.57	AV	197.00	400	Horizontal	Pass
3	5498.500	100.79	--	--	Peak	75.00	150	Horizontal	N/A
3**	5498.500	92.94	--	--	AV	75.00	150	Horizontal	N/A
4	7583.500	53.31	74.0	20.69	Peak	176.00	100	Horizontal	Pass
4**	7583.500	43.46	54.0	10.54	AV	176.00	100	Horizontal	Pass
5	12502.287	53.87	74.0	20.13	Peak	32.00	150	Horizontal	Pass
5**	12502.287	44.63	54.0	9.37	AV	32.00	150	Horizontal	Pass
6	16138.350	53.86	74.0	20.14	Peak	137.00	300	Horizontal	Pass
6**	16138.350	45.97	54.0	8.03	AV	137.00	300	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	1592.700	38.14	74.0	35.86	Peak	52.00	400	Vertical	Pass
1**	1592.700	28.89	54.0	25.11	AV	52.00	400	Vertical	Pass
2	4336.250	46.67	74.0	27.33	Peak	251.00	100	Vertical	Pass
2**	4336.250	38.29	54.0	15.71	AV	251.00	100	Vertical	Pass
3	5501.500	94.55	--	--	Peak	212.00	100	Vertical	N/A
3**	5501.500	86.56	--	--	AV	212.00	100	Vertical	N/A
4	7602.500	53.00	74.0	21.00	Peak	173.00	200	Vertical	Pass
4**	7602.500	44.31	54.0	9.69	AV	173.00	200	Vertical	Pass
5	12516.775	54.21	74.0	19.79	Peak	293.00	150	Vertical	Pass
5**	12516.775	44.36	54.0	9.64	AV	293.00	150	Vertical	Pass
6	15891.599	54.26	74.0	19.74	Peak	181.00	300	Vertical	Pass
6**	15891.599	45.02	54.0	8.98	AV	181.00	300	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	1613.900	38.25	74.0	35.75	Peak	12.00	400	Horizontal	Pass
1**	1613.900	29.50	54.0	24.50	AV	12.00	400	Horizontal	Pass
2	4251.000	47.67	74.0	26.33	Peak	360.00	100	Horizontal	Pass
2**	4251.000	38.21	54.0	15.79	AV	360.00	100	Horizontal	Pass
3	5581.500	109.22	--	--	Peak	74.00	100	Horizontal	N/A
3**	5581.500	102.13	--	--	AV	74.00	100	Horizontal	N/A
4	7373.250	53.37	74.0	20.63	Peak	360.00	300	Horizontal	Pass
4**	7373.250	43.62	54.0	10.38	AV	360.00	300	Horizontal	Pass
5	12484.000	53.72	74.0	20.28	Peak	360.00	200	Horizontal	Pass
5**	12484.000	45.16	54.0	8.84	AV	360.00	200	Horizontal	Pass
6	15912.337	54.89	74.0	19.11	Peak	203.00	400	Horizontal	Pass
6**	15912.337	44.01	54.0	9.99	AV	203.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.400	38.16	74.0	35.84	Peak	0.00	100	Vertical	Pass
1**	1442.400	29.26	54.0	24.74	AV	0.00	100	Vertical	Pass
2	4358.250	47.37	74.0	26.63	Peak	311.00	300	Vertical	Pass
2**	4358.250	38.63	54.0	15.37	AV	311.00	300	Vertical	Pass
3	5582.000	105.55	--	--	Peak	212.00	200	Vertical	N/A
3**	5582.000	98.87	--	--	AV	212.00	200	Vertical	N/A
4	7604.250	53.20	74.0	20.80	Peak	270.00	200	Vertical	Pass
4**	7604.250	43.84	54.0	10.16	AV	270.00	200	Vertical	Pass
5	12517.250	53.29	74.0	20.71	Peak	264.00	150	Vertical	Pass
5**	12517.250	44.21	54.0	9.79	AV	264.00	150	Vertical	Pass
6	16103.175	54.90	74.0	19.10	Peak	24.00	400	Vertical	Pass
6**	16103.175	43.87	54.0	10.13	AV	24.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.100	38.92	74.0	35.08	Peak	116.00	100	Horizontal	Pass
1**	1606.100	28.90	54.0	25.10	AV	116.00	100	Horizontal	Pass
2	4386.250	47.88	74.0	26.12	Peak	346.00	200	Horizontal	Pass
2**	4386.250	37.93	54.0	16.07	AV	346.00	200	Horizontal	Pass
3	5701.500	99.19	--	--	Peak	92.00	150	Horizontal	N/A
3**	5701.500	91.98	--	--	AV	92.00	150	Horizontal	N/A
4	7608.250	52.83	74.0	21.17	Peak	151.00	100	Horizontal	Pass
4**	7608.250	44.78	54.0	9.22	AV	151.00	100	Horizontal	Pass
5	12476.162	53.31	74.0	20.69	Peak	77.00	200	Horizontal	Pass
5**	12476.162	44.71	54.0	9.29	AV	77.00	200	Horizontal	Pass
6	15900.262	54.50	74.0	19.50	Peak	146.00	100	Horizontal	Pass
6**	15900.262	45.03	54.0	8.97	AV	146.00	100	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	1469.800	38.92	74.0	35.08	Peak	53.00	400	Vertical	Pass
1**	1469.800	29.13	54.0	24.87	AV	53.00	400	Vertical	Pass
2	4352.500	47.49	74.0	26.51	Peak	174.00	100	Vertical	Pass
2**	4352.500	38.29	54.0	15.71	AV	174.00	100	Vertical	Pass
3	5701.000	96.40	--	--	Peak	234.00	150	Vertical	N/A
3**	5701.000	89.30	--	--	AV	234.00	150	Vertical	N/A
4	7607.500	53.56	74.0	20.44	Peak	293.00	200	Vertical	Pass
4**	7607.500	44.33	54.0	9.67	AV	293.00	200	Vertical	Pass
5	12566.651	53.96	74.0	20.04	Peak	266.00	200	Vertical	Pass
5**	12566.651	43.61	54.0	10.39	AV	266.00	200	Vertical	Pass
6	16084.537	54.44	74.0	19.56	Peak	296.00	400	Vertical	Pass
6**	16084.537	45.51	54.0	8.49	AV	296.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.200	38.47	74.0	35.53	Peak	36.00	400	Horizontal	Pass
1**	1448.200	28.79	54.0	25.21	AV	36.00	400	Horizontal	Pass
2	4368.000	47.37	74.0	26.63	Peak	349.00	300	Horizontal	Pass
2**	4368.000	38.61	54.0	15.39	AV	349.00	300	Horizontal	Pass
3	5512.000	97.35	--	--	Peak	74.00	150	Horizontal	N/A
3**	5512.000	89.24	--	--	AV	74.00	150	Horizontal	N/A
4	7623.250	52.72	74.0	21.28	Peak	309.00	400	Horizontal	Pass
4**	7623.250	44.17	54.0	9.83	AV	309.00	400	Horizontal	Pass
5	12494.925	53.85	74.0	20.15	Peak	70.00	200	Horizontal	Pass
5**	12494.925	44.72	54.0	9.28	AV	70.00	200	Horizontal	Pass
6	16086.112	54.86	74.0	19.14	Peak	290.00	300	Horizontal	Pass
6**	16086.112	44.65	54.0	9.35	AV	290.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.300	38.07	74.0	35.93	Peak	258.00	400	Vertical	Pass
1**	1583.300	29.21	54.0	24.79	AV	258.00	400	Vertical	Pass
2	4358.750	48.06	74.0	25.94	Peak	157.00	200	Vertical	Pass
2**	4358.750	38.14	54.0	15.86	AV	157.00	200	Vertical	Pass
3	5512.250	91.10	--	--	Peak	197.00	100	Vertical	N/A
3**	5512.250	83.13	--	--	AV	197.00	100	Vertical	N/A
4	7334.250	53.01	74.0	20.99	Peak	96.00	100	Vertical	Pass
4**	7334.250	44.50	54.0	9.50	AV	96.00	100	Vertical	Pass
5	12476.401	53.98	74.0	20.02	Peak	78.00	150	Vertical	Pass
5**	12476.401	44.38	54.0	9.62	AV	78.00	150	Vertical	Pass
6	16092.412	54.05	74.0	19.95	Peak	185.00	200	Vertical	Pass
6**	16092.412	45.41	54.0	8.59	AV	185.00	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	1512.400	37.99	74.0	36.01	Peak	194.00	400	Horizontal	Pass
1**	1512.400	29.41	54.0	24.59	AV	194.00	400	Horizontal	Pass
2	4396.750	47.12	74.0	26.88	Peak	156.00	400	Horizontal	Pass
2**	4396.750	37.21	54.0	16.79	AV	156.00	400	Horizontal	Pass
3	5588.750	106.38	--	--	Peak	76.00	200	Horizontal	N/A
3**	5588.750	98.99	--	--	AV	76.00	200	Horizontal	N/A
4	7455.000	52.49	74.0	21.51	Peak	331.00	200	Horizontal	Pass
4**	7455.000	43.22	54.0	10.78	AV	331.00	200	Horizontal	Pass
5	12470.225	53.48	74.0	20.52	Peak	257.00	200	Horizontal	Pass
5**	12470.225	44.11	54.0	9.89	AV	257.00	200	Horizontal	Pass
6	16119.975	54.09	74.0	19.91	Peak	190.00	300	Horizontal	Pass
6**	16119.975	44.85	54.0	9.15	AV	190.00	300	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	1442.600	38.29	74.0	35.71	Peak	37.00	200	Vertical	Pass
1**	1442.600	29.23	54.0	24.77	AV	37.00	200	Vertical	Pass
2	4346.500	47.34	74.0	26.66	Peak	211.00	400	Vertical	Pass
2**	4346.500	37.75	54.0	16.25	AV	211.00	400	Vertical	Pass
3	5591.750	101.62	--	--	Peak	211.00	200	Vertical	N/A
3**	5591.750	94.45	--	--	AV	211.00	200	Vertical	N/A
4	7618.250	52.76	74.0	21.24	Peak	54.00	100	Vertical	Pass
4**	7618.250	43.43	54.0	10.57	AV	54.00	100	Vertical	Pass
5	12499.200	53.39	74.0	20.61	Peak	0.00	100	Vertical	Pass
5**	12499.200	44.90	54.0	9.10	AV	0.00	100	Vertical	Pass
6	16118.925	53.93	74.0	20.07	Peak	175.00	400	Vertical	Pass
6**	16118.925	45.48	54.0	8.52	AV	175.00	400	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	1599.400	38.58	74.0	35.42	Peak	252.00	400	Horizontal	Pass
1**	1599.400	28.70	54.0	25.30	AV	252.00	400	Horizontal	Pass
2	4337.250	47.28	74.0	26.72	Peak	54.00	200	Horizontal	Pass
2**	4337.250	39.02	54.0	14.98	AV	54.00	200	Horizontal	Pass
3	5672.250	100.12	--	--	Peak	72.00	150	Horizontal	N/A
3**	5672.250	92.82	--	--	AV	72.00	150	Horizontal	N/A
4	7619.500	52.60	74.0	21.40	Peak	35.00	300	Horizontal	Pass
4**	7619.500	43.88	54.0	10.12	AV	35.00	300	Horizontal	Pass
5	12462.387	53.51	74.0	20.49	Peak	27.00	200	Horizontal	Pass
5**	12462.387	44.25	54.0	9.75	AV	27.00	200	Horizontal	Pass
6	16153.312	54.01	74.0	19.99	Peak	193.00	200	Horizontal	Pass
6**	16153.312	45.50	54.0	8.50	AV	193.00	200	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	1531.900	38.44	74.0	35.56	Peak	38.00	300	Vertical	Pass
1**	1531.900	29.14	54.0	24.86	AV	38.00	300	Vertical	Pass
2	4330.250	47.17	74.0	26.83	Peak	94.00	400	Vertical	Pass
2**	4330.250	37.39	54.0	16.61	AV	94.00	400	Vertical	Pass
3	5671.500	95.40	--	--	Peak	210.00	150	Vertical	N/A
3**	5671.500	87.89	--	--	AV	210.00	150	Vertical	N/A
4	7625.750	52.98	74.0	21.02	Peak	229.00	400	Vertical	Pass
4**	7625.750	43.49	54.0	10.51	AV	229.00	400	Vertical	Pass
5	12481.388	53.73	74.0	20.27	Peak	175.00	150	Vertical	Pass
5**	12481.388	44.78	54.0	9.22	AV	175.00	150	Vertical	Pass
6	16130.213	53.83	74.0	20.17	Peak	207.00	100	Vertical	Pass
6**	16130.213	45.10	54.0	8.90	AV	207.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.900	38.86	74.0	35.14	Peak	102.00	400	Horizontal	Pass
1**	1620.900	28.91	54.0	25.09	AV	102.00	400	Horizontal	Pass
2	4383.500	47.51	74.0	26.49	Peak	307.00	100	Horizontal	Pass
2**	4383.500	37.61	54.0	16.39	AV	307.00	100	Horizontal	Pass
3	5528.000	96.09	--	--	Peak	72.00	150	Horizontal	N/A
3**	5528.000	89.21	--	--	AV	72.00	150	Horizontal	N/A
4	7577.500	52.91	74.0	21.09	Peak	307.00	100	Horizontal	Pass
4**	7577.500	43.76	54.0	10.24	AV	307.00	100	Horizontal	Pass
5	12504.901	53.66	74.0	20.34	Peak	232.00	100	Horizontal	Pass
5**	12504.901	44.61	54.0	9.39	AV	232.00	100	Horizontal	Pass
6	15903.674	53.99	74.0	20.01	Peak	69.00	200	Horizontal	Pass
6**	15903.674	43.65	54.0	10.35	AV	69.00	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	1551.800	37.86	74.0	36.14	Peak	313.00	200	Vertical	Pass
1**	1551.800	28.61	54.0	25.39	AV	313.00	200	Vertical	Pass
2	4325.750	47.17	74.0	26.83	Peak	16.00	400	Vertical	Pass
2**	4325.750	37.61	54.0	16.39	AV	16.00	400	Vertical	Pass
3	5535.500	90.90	--	--	Peak	212.00	100	Vertical	N/A
3**	5535.500	84.35	--	--	AV	212.00	100	Vertical	N/A
4	7711.250	53.45	74.0	20.55	Peak	212.00	300	Vertical	Pass
4**	7711.250	42.64	54.0	11.36	AV	212.00	300	Vertical	Pass
5	12460.488	53.10	74.0	20.90	Peak	89.00	100	Vertical	Pass
5**	12460.488	44.97	54.0	9.03	AV	89.00	100	Vertical	Pass
6	16150.950	54.71	74.0	19.29	Peak	24.00	100	Vertical	Pass
6**	16150.950	45.20	54.0	8.80	AV	24.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.000	38.57	74.0	35.43	Peak	357.00	100	Horizontal	Pass
1**	1469.000	28.45	54.0	25.55	AV	357.00	100	Horizontal	Pass
2	4366.000	47.31	74.0	26.69	Peak	250.00	300	Horizontal	Pass
2**	4366.000	39.09	54.0	14.91	AV	250.00	300	Horizontal	Pass
3	5604.750	98.78	--	--	Peak	74.00	200	Horizontal	N/A
3**	5604.750	91.35	--	--	AV	74.00	200	Horizontal	N/A
4	7489.500	53.11	74.0	20.89	Peak	190.00	100	Horizontal	Pass
4**	7489.500	43.63	54.0	10.37	AV	190.00	100	Horizontal	Pass
5	12480.201	53.25	74.0	20.75	Peak	135.00	200	Horizontal	Pass
5**	12480.201	44.66	54.0	9.34	AV	135.00	200	Horizontal	Pass
6	16113.412	54.02	74.0	19.98	Peak	69.00	100	Horizontal	Pass
6**	16113.412	45.36	54.0	8.64	AV	69.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.100	38.49	74.0	35.51	Peak	75.00	400	Vertical	Pass
1**	1466.100	28.64	54.0	25.36	AV	75.00	400	Vertical	Pass
2	4000.250	47.82	74.0	26.18	Peak	0.00	100	Vertical	Pass
2**	4000.250	37.30	54.0	16.70	AV	0.00	100	Vertical	Pass
3	5616.000	93.89	--	--	Peak	210.00	100	Vertical	N/A
3**	5616.000	85.84	--	--	AV	210.00	100	Vertical	N/A
4	7410.250	53.48	74.0	20.52	Peak	93.00	300	Vertical	Pass
4**	7410.250	43.64	54.0	10.36	AV	93.00	300	Vertical	Pass
5	12484.950	53.82	74.0	20.18	Peak	245.00	100	Vertical	Pass
5**	12484.950	44.59	54.0	9.41	AV	245.00	100	Vertical	Pass
6	15640.651	54.07	74.0	19.93	Peak	144.00	300	Vertical	Pass
6**	15640.651	44.44	54.0	9.56	AV	144.00	300	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	1595.900	38.30	74.0	35.70	Peak	216.00	400	Horizontal	Pass
1**	1595.900	28.78	54.0	25.22	AV	216.00	400	Horizontal	Pass
2	4255.000	48.08	74.0	25.92	Peak	287.00	300	Horizontal	Pass
2**	4255.000	38.25	54.0	15.75	AV	287.00	300	Horizontal	Pass
3	5742.000	108.51	--	--	Peak	74.00	100	Horizontal	N/A
3**	5742.000	100.66	--	--	AV	74.00	100	Horizontal	N/A
4	7425.500	52.96	74.0	21.04	Peak	229.00	400	Horizontal	Pass
4**	7425.500	43.44	54.0	10.56	AV	229.00	400	Horizontal	Pass
5	12524.375	53.59	74.0	20.41	Peak	360.00	150	Horizontal	Pass
5**	12524.375	45.75	54.0	8.25	AV	360.00	150	Horizontal	Pass
6	16073.250	53.87	74.0	20.13	Peak	340.00	300	Horizontal	Pass
6**	16073.250	44.30	54.0	9.70	AV	340.00	300	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	1524.500	38.08	74.0	35.92	Peak	182.00	400	Vertical	Pass
1**	1524.500	28.53	54.0	25.47	AV	182.00	400	Vertical	Pass
2	4294.750	47.00	74.0	27.00	Peak	169.00	300	Vertical	Pass
2**	4294.750	37.26	54.0	16.74	AV	169.00	300	Vertical	Pass
3	5744.000	105.25	--	--	Peak	227.00	150	Vertical	N/A
3**	5744.000	98.22	--	--	AV	227.00	150	Vertical	N/A
4	7430.750	53.78	74.0	20.22	Peak	324.00	300	Vertical	Pass
4**	7430.750	44.05	54.0	9.95	AV	324.00	300	Vertical	Pass
5	12457.875	53.77	74.0	20.23	Peak	89.00	150	Vertical	Pass
5**	12457.875	44.21	54.0	9.79	AV	89.00	150	Vertical	Pass
6	16123.125	54.13	74.0	19.87	Peak	60.00	300	Vertical	Pass
6**	16123.125	44.93	54.0	9.07	AV	60.00	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	1513.500	38.16	74.0	35.84	Peak	360.00	100	Horizontal	Pass
1**	1513.500	28.93	54.0	25.07	AV	360.00	100	Horizontal	Pass
2	4313.250	47.53	74.0	26.47	Peak	77.00	400	Horizontal	Pass
2**	4313.250	38.13	54.0	15.87	AV	77.00	400	Horizontal	Pass
3	5786.500	108.25	--	--	Peak	55.00	150	Horizontal	N/A
3**	5786.500	100.80	--	--	AV	55.00	150	Horizontal	N/A
4	7335.250	52.88	74.0	21.12	Peak	77.00	200	Horizontal	Pass
4**	7335.250	43.67	54.0	10.33	AV	77.00	200	Horizontal	Pass
5	12417.500	53.52	74.0	20.48	Peak	48.00	200	Horizontal	Pass
5**	12417.500	44.07	54.0	9.93	AV	48.00	200	Horizontal	Pass
6	15877.162	54.28	74.0	19.72	Peak	240.00	200	Horizontal	Pass
6**	15877.162	44.31	54.0	9.69	AV	240.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	38.19	74.0	35.81	Peak	38.00	300	Vertical	Pass
1**	1497.000	29.30	54.0	24.70	AV	38.00	300	Vertical	Pass
2	4369.250	47.88	74.0	26.12	Peak	324.00	100	Vertical	Pass
2**	4369.250	37.69	54.0	16.31	AV	324.00	100	Vertical	Pass
3	5786.500	105.36	--	--	Peak	201.00	150	Vertical	N/A
3**	5786.500	97.82	--	--	AV	201.00	150	Vertical	N/A
4	7414.250	52.76	74.0	21.24	Peak	222.00	400	Vertical	Pass
4**	7414.250	44.18	54.0	9.82	AV	222.00	400	Vertical	Pass
5	12464.525	53.73	74.0	20.27	Peak	261.00	200	Vertical	Pass
5**	12464.525	44.67	54.0	9.33	AV	261.00	200	Vertical	Pass
6	15400.988	54.49	74.0	19.51	Peak	347.00	400	Vertical	Pass
6**	15400.988	44.64	54.0	9.36	AV	347.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.400	38.32	74.0	35.68	Peak	299.00	100	Horizontal	Pass
1**	1617.400	28.57	54.0	25.43	AV	299.00	100	Horizontal	Pass
2	4354.500	47.70	74.0	26.30	Peak	161.00	300	Horizontal	Pass
2**	4354.500	37.91	54.0	16.09	AV	161.00	300	Horizontal	Pass
3	5827.250	105.27	--	--	Peak	201.00	150	Horizontal	N/A
3**	5827.250	98.27	--	--	AV	201.00	150	Horizontal	N/A
4	7626.750	52.40	74.0	21.60	Peak	38.00	200	Horizontal	Pass
4**	7626.750	43.33	54.0	10.67	AV	38.00	200	Horizontal	Pass
5	12489.224	53.23	74.0	20.77	Peak	161.00	100	Horizontal	Pass
5**	12489.224	44.29	54.0	9.71	AV	161.00	100	Horizontal	Pass
6	16140.975	54.24	74.0	19.76	Peak	0.00	400	Horizontal	Pass
6**	16140.975	44.62	54.0	9.38	AV	0.00	400	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	1495.000	38.70	74.0	35.30	Peak	296.00	300	Vertical	Pass
1**	1495.000	28.85	54.0	25.15	AV	296.00	300	Vertical	Pass
2	4251.000	47.27	74.0	26.73	Peak	50.00	200	Vertical	Pass
2**	4251.000	38.05	54.0	15.95	AV	50.00	200	Vertical	Pass
3	5827.000	105.76	--	--	Peak	208.00	150	Vertical	N/A
3**	5827.000	97.76	--	--	AV	208.00	150	Vertical	N/A
4	7510.000	52.93	74.0	21.07	Peak	130.00	400	Vertical	Pass
4**	7510.000	44.01	54.0	9.99	AV	130.00	400	Vertical	Pass
5	12416.787	53.24	74.0	20.76	Peak	113.00	150	Vertical	Pass
5**	12416.787	44.07	54.0	9.93	AV	113.00	150	Vertical	Pass
6	16113.937	54.21	74.0	19.79	Peak	276.00	200	Vertical	Pass
6**	16113.937	45.16	54.0	8.84	AV	276.00	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	1441.800	38.58	74.0	35.42	Peak	121.00	200	Horizontal	Pass
1**	1441.800	29.39	54.0	24.61	AV	121.00	200	Horizontal	Pass
2	4242.500	47.29	74.0	26.71	Peak	0.00	400	Horizontal	Pass
2**	4242.500	37.97	54.0	16.03	AV	0.00	400	Horizontal	Pass
3	5747.500	108.30	--	--	Peak	72.00	200	Horizontal	N/A
3**	5747.500	100.65	--	--	AV	72.00	200	Horizontal	N/A
4	7633.250	52.75	74.0	21.25	Peak	267.00	100	Horizontal	Pass
4**	7633.250	43.80	54.0	10.20	AV	267.00	100	Horizontal	Pass
5	12526.750	53.62	74.0	20.38	Peak	330.00	200	Horizontal	Pass
5**	12526.750	44.30	54.0	9.70	AV	330.00	200	Horizontal	Pass
6	16144.388	54.26	74.0	19.74	Peak	25.00	200	Horizontal	Pass
6**	16144.388	44.24	54.0	9.76	AV	25.00	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	1605.000	38.49	74.0	35.51	Peak	87.00	100	Vertical	Pass
1**	1605.000	29.82	54.0	24.18	AV	87.00	100	Vertical	Pass
2	4062.000	47.42	74.0	26.58	Peak	36.00	100	Vertical	Pass
2**	4062.000	37.45	54.0	16.55	AV	36.00	100	Vertical	Pass
3	5743.250	105.97	--	--	Peak	212.00	150	Vertical	N/A
3**	5743.250	97.45	--	--	AV	212.00	150	Vertical	N/A
4	7590.500	52.80	74.0	21.20	Peak	154.00	400	Vertical	Pass
4**	7590.500	43.18	54.0	10.82	AV	154.00	400	Vertical	Pass
5	12450.750	53.58	74.0	20.42	Peak	360.00	200	Vertical	Pass
5**	12450.750	45.29	54.0	8.71	AV	360.00	200	Vertical	Pass
6	16133.100	54.19	74.0	19.81	Peak	19.00	300	Vertical	Pass
6**	16133.100	45.68	54.0	8.32	AV	19.00	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	1586.100	38.25	74.0	35.75	Peak	221.00	400	Horizontal	Pass
1**	1586.100	28.51	54.0	25.49	AV	221.00	400	Horizontal	Pass
2	4628.000	48.23	74.0	25.77	Peak	28.00	100	Horizontal	Pass
2**	4628.000	42.74	54.0	11.26	AV	28.00	100	Horizontal	Pass
3	5783.500	107.48	--	--	Peak	48.00	150	Horizontal	N/A
3**	5783.500	99.49	--	--	AV	48.00	150	Horizontal	N/A
4	7600.500	52.82	74.0	21.18	Peak	111.00	100	Horizontal	Pass
4**	7600.500	44.07	54.0	9.93	AV	111.00	100	Horizontal	Pass
5	12519.625	53.39	74.0	20.61	Peak	140.00	200	Horizontal	Pass
5**	12519.625	44.18	54.0	9.82	AV	140.00	200	Horizontal	Pass
6	15427.500	53.81	74.0	20.19	Peak	62.00	400	Horizontal	Pass
6**	15427.500	45.09	54.0	8.91	AV	62.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	38.17	74.0	35.83	Peak	0.00	100	Vertical	Pass
1**	1599.900	29.29	54.0	24.71	AV	0.00	100	Vertical	Pass
2	4244.750	47.67	74.0	26.33	Peak	0.00	300	Vertical	Pass
2**	4244.750	37.97	54.0	16.03	AV	0.00	300	Vertical	Pass
3	5786.250	105.67	--	--	Peak	196.00	150	Vertical	N/A
3**	5786.250	97.99	--	--	AV	196.00	150	Vertical	N/A
4	7357.000	53.22	74.0	20.78	Peak	342.00	300	Vertical	Pass
4**	7357.000	44.35	54.0	9.65	AV	342.00	300	Vertical	Pass
5	12496.113	53.36	74.0	20.64	Peak	69.00	200	Vertical	Pass
5**	12496.113	44.65	54.0	9.35	AV	69.00	200	Vertical	Pass
6	16128.113	54.15	74.0	19.85	Peak	55.00	400	Vertical	Pass
6**	16128.113	45.33	54.0	8.67	AV	55.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.200	38.49	74.0	35.51	Peak	308.00	100	Horizontal	Pass
1**	1524.200	28.25	54.0	25.75	AV	308.00	100	Horizontal	Pass
2	4344.500	46.99	74.0	27.01	Peak	360.00	100	Horizontal	Pass
2**	4344.500	37.47	54.0	16.53	AV	360.00	100	Horizontal	Pass
3	5826.750	105.76	--	--	Peak	215.00	100	Horizontal	N/A
3**	5826.750	98.38	--	--	AV	215.00	100	Horizontal	N/A
4	7359.750	53.22	74.0	20.78	Peak	89.00	300	Horizontal	Pass
4**	7359.750	44.29	54.0	9.71	AV	89.00	300	Horizontal	Pass
5	12494.687	53.96	74.0	20.04	Peak	0.00	150	Horizontal	Pass
5**	12494.687	44.47	54.0	9.53	AV	0.00	150	Horizontal	Pass
6	15929.925	54.21	74.0	19.79	Peak	80.00	200	Horizontal	Pass
6**	15929.925	43.93	54.0	10.07	AV	80.00	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	1453.100	37.93	74.0	36.07	Peak	323.00	300	Vertical	Pass
1**	1453.100	29.06	54.0	24.94	AV	323.00	300	Vertical	Pass
2	4336.250	46.91	74.0	27.09	Peak	118.00	200	Vertical	Pass
2**	4336.250	38.75	54.0	15.25	AV	118.00	200	Vertical	Pass
3	5823.500	105.02	--	--	Peak	199.00	150	Vertical	N/A
3**	5823.500	97.97	--	--	AV	199.00	150	Vertical	N/A
4	7619.750	52.77	74.0	21.23	Peak	79.00	400	Vertical	Pass
4**	7619.750	44.33	54.0	9.67	AV	79.00	400	Vertical	Pass
5	12515.112	53.91	74.0	20.09	Peak	164.00	200	Vertical	Pass
5**	12515.112	44.26	54.0	9.74	AV	164.00	200	Vertical	Pass
6	15881.362	54.81	74.0	19.19	Peak	0.00	400	Vertical	Pass
6**	15881.362	44.23	54.0	9.77	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.000	38.18	74.0	35.82	Peak	0.00	100	Horizontal	Pass
1**	1530.000	29.78	54.0	24.22	AV	0.00	100	Horizontal	Pass
2	4040.250	47.24	74.0	26.76	Peak	0.00	200	Horizontal	Pass
2**	4040.250	38.07	54.0	15.93	AV	0.00	200	Horizontal	Pass
3	5752.000	101.79	--	--	Peak	207.00	150	Horizontal	N/A
3**	5752.000	95.34	--	--	AV	207.00	150	Horizontal	N/A
4	7608.000	52.82	74.0	21.18	Peak	49.00	300	Horizontal	Pass
4**	7608.000	43.78	54.0	10.22	AV	49.00	300	Horizontal	Pass
5	12525.799	53.63	74.0	20.37	Peak	276.00	150	Horizontal	Pass
5**	12525.799	44.29	54.0	9.71	AV	276.00	150	Horizontal	Pass
6	16124.963	54.14	74.0	19.86	Peak	132.00	300	Horizontal	Pass
6**	16124.963	45.61	54.0	8.39	AV	132.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.500	38.42	74.0	35.58	Peak	359.00	200	Vertical	Pass
1**	1583.500	28.80	54.0	25.20	AV	359.00	200	Vertical	Pass
2	4258.750	47.92	74.0	26.08	Peak	87.00	200	Vertical	Pass
2**	4258.750	38.31	54.0	15.69	AV	87.00	200	Vertical	Pass
3	5752.250	102.14	--	--	Peak	206.00	100	Vertical	N/A
3**	5752.250	94.45	--	--	AV	206.00	100	Vertical	N/A
4	7355.000	52.76	74.0	21.24	Peak	186.00	300	Vertical	Pass
4**	7355.000	43.78	54.0	10.22	AV	186.00	300	Vertical	Pass
5	12525.325	53.37	74.0	20.63	Peak	55.00	150	Vertical	Pass
5**	12525.325	43.81	54.0	10.19	AV	55.00	150	Vertical	Pass
6	16095.563	53.77	74.0	20.23	Peak	87.00	400	Vertical	Pass
6**	16095.563	44.51	54.0	9.49	AV	87.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.600	39.30	74.0	34.70	Peak	59.00	100	Horizontal	Pass
1**	1611.600	29.03	54.0	24.97	AV	59.00	100	Horizontal	Pass
2	4340.750	47.95	74.0	26.05	Peak	264.00	100	Horizontal	Pass
2**	4340.750	38.75	54.0	15.25	AV	264.00	100	Horizontal	Pass
3	5796.500	103.25	--	--	Peak	204.00	100	Horizontal	N/A
3**	5796.500	95.74	--	--	AV	204.00	100	Horizontal	N/A
4	7363.500	52.81	74.0	21.19	Peak	204.00	400	Horizontal	Pass
4**	7363.500	43.87	54.0	10.13	AV	204.00	400	Horizontal	Pass
5	12494.451	53.61	74.0	20.39	Peak	134.00	200	Horizontal	Pass
5**	12494.451	44.81	54.0	9.19	AV	134.00	200	Horizontal	Pass
6	16068.263	54.03	74.0	19.97	Peak	26.00	400	Horizontal	Pass
6**	16068.263	44.79	54.0	9.21	AV	26.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.500	38.44	74.0	35.56	Peak	23.00	400	Vertical	Pass
1**	1592.500	30.12	54.0	23.88	AV	23.00	400	Vertical	Pass
2	4266.750	47.55	74.0	26.45	Peak	0.00	100	Vertical	Pass
2**	4266.750	38.07	54.0	15.93	AV	0.00	100	Vertical	Pass
3	5793.000	102.92	--	--	Peak	206.00	200	Vertical	N/A
3**	5793.000	95.84	--	--	AV	206.00	200	Vertical	N/A
4	7495.750	52.61	74.0	21.39	Peak	324.00	300	Vertical	Pass
4**	7495.750	43.35	54.0	10.65	AV	324.00	300	Vertical	Pass
5	12460.013	53.94	74.0	20.06	Peak	360.00	200	Vertical	Pass
5**	12460.013	45.11	54.0	8.89	AV	360.00	200	Vertical	Pass
6	16114.725	53.84	74.0	20.16	Peak	273.00	100	Vertical	Pass
6**	16114.725	44.45	54.0	9.55	AV	273.00	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	1603.500	38.13	74.0	35.87	Peak	251.00	400	Horizontal	Pass
1**	1603.500	29.64	54.0	24.36	AV	251.00	400	Horizontal	Pass
2	4184.500	47.02	74.0	26.98	Peak	169.00	400	Horizontal	Pass
2**	4184.500	37.43	54.0	16.57	AV	169.00	400	Horizontal	Pass
3	5744.000	108.44	--	--	Peak	72.00	100	Horizontal	N/A
3**	5744.000	100.86	--	--	AV	72.00	100	Horizontal	N/A
4	7426.000	52.62	74.0	21.38	Peak	248.00	100	Horizontal	Pass
4**	7426.000	43.39	54.0	10.61	AV	248.00	100	Horizontal	Pass
5	12493.500	53.46	74.0	20.54	Peak	70.00	150	Horizontal	Pass
5**	12493.500	44.82	54.0	9.18	AV	70.00	150	Horizontal	Pass
6	16159.612	55.36	74.0	18.64	Peak	18.00	300	Horizontal	Pass
6**	16159.612	44.59	54.0	9.41	AV	18.00	300	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	1625.600	38.05	74.0	35.95	Peak	252.00	400	Vertical	Pass
1**	1625.600	28.79	54.0	25.21	AV	252.00	400	Vertical	Pass
2	4193.500	48.73	74.0	25.27	Peak	229.00	400	Vertical	Pass
2**	4193.500	36.89	54.0	17.11	AV	229.00	400	Vertical	Pass
3	5740.750	104.88	--	--	Peak	229.00	100	Vertical	N/A
3**	5740.750	97.55	--	--	AV	229.00	100	Vertical	N/A
4	7358.750	52.79	74.0	21.21	Peak	210.00	200	Vertical	Pass
4**	7358.750	44.26	54.0	9.74	AV	210.00	200	Vertical	Pass
5	12479.250	53.47	74.0	20.53	Peak	27.00	200	Vertical	Pass
5**	12479.250	45.14	54.0	8.86	AV	27.00	200	Vertical	Pass
6	15917.587	53.80	74.0	20.20	Peak	31.00	200	Vertical	Pass
6**	15917.587	44.60	54.0	9.40	AV	31.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.000	38.33	74.0	35.67	Peak	360.00	100	Horizontal	Pass
1**	1530.000	28.66	54.0	25.34	AV	360.00	100	Horizontal	Pass
2	4309.000	47.04	74.0	26.96	Peak	31.00	200	Horizontal	Pass
2**	4309.000	37.89	54.0	16.11	AV	31.00	200	Horizontal	Pass
3	5784.750	107.53	--	--	Peak	53.00	100	Horizontal	N/A
3**	5784.750	100.09	--	--	AV	53.00	100	Horizontal	N/A
4	7460.000	52.76	74.0	21.24	Peak	360.00	400	Horizontal	Pass
4**	7460.000	43.48	54.0	10.52	AV	360.00	400	Horizontal	Pass
5	12471.888	53.47	74.0	20.53	Peak	16.00	200	Horizontal	Pass
5**	12471.888	43.95	54.0	10.05	AV	16.00	200	Horizontal	Pass
6	15883.201	55.25	74.0	18.75	Peak	360.00	200	Horizontal	Pass
6**	15883.201	44.72	54.0	9.28	AV	360.00	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	1453.400	38.72	74.0	35.28	Peak	344.00	200	Vertical	Pass
1**	1453.400	29.25	54.0	24.75	AV	344.00	200	Vertical	Pass
2	4362.500	47.25	74.0	26.75	Peak	51.00	400	Vertical	Pass
2**	4362.500	38.17	54.0	15.83	AV	51.00	400	Vertical	Pass
3	5786.750	105.08	--	--	Peak	194.00	150	Vertical	N/A
3**	5786.750	98.50	--	--	AV	194.00	150	Vertical	N/A
4	7334.000	53.37	74.0	20.63	Peak	92.00	100	Vertical	Pass
4**	7334.000	44.06	54.0	9.94	AV	92.00	100	Vertical	Pass
5	12489.700	53.61	74.0	20.39	Peak	93.00	100	Vertical	Pass
5**	12489.700	44.14	54.0	9.86	AV	93.00	100	Vertical	Pass
6	15720.188	54.34	74.0	19.66	Peak	210.00	100	Vertical	Pass
6**	15720.188	43.98	54.0	10.02	AV	210.00	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	1617.700	38.36	74.0	35.64	Peak	122.00	400	Horizontal	Pass
1**	1617.700	29.13	54.0	24.87	AV	122.00	400	Horizontal	Pass
2	4022.000	47.77	74.0	26.23	Peak	239.00	400	Horizontal	Pass
2**	4022.000	37.44	54.0	16.56	AV	239.00	400	Horizontal	Pass
3	5825.750	105.20	--	--	Peak	218.00	150	Horizontal	N/A
3**	5825.750	97.97	--	--	AV	218.00	150	Horizontal	N/A
4	7407.750	53.02	74.0	20.98	Peak	75.00	300	Horizontal	Pass
4**	7407.750	42.59	54.0	11.41	AV	75.00	300	Horizontal	Pass
5	12492.075	54.38	74.0	19.62	Peak	12.00	100	Horizontal	Pass
5**	12492.075	44.95	54.0	9.05	AV	12.00	100	Horizontal	Pass
6	15923.363	53.92	74.0	20.08	Peak	237.00	200	Horizontal	Pass
6**	15923.363	44.49	54.0	9.51	AV	237.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	38.56	74.0	35.44	Peak	244.00	200	Vertical	Pass
1**	1626.300	29.40	54.0	24.60	AV	244.00	200	Vertical	Pass
2	4335.500	47.30	74.0	26.70	Peak	135.00	300	Vertical	Pass
2**	4335.500	39.32	54.0	14.68	AV	135.00	300	Vertical	Pass
3	5823.250	105.49	--	--	Peak	196.00	200	Vertical	N/A
3**	5823.250	97.92	--	--	AV	196.00	200	Vertical	N/A
4	7363.500	52.95	74.0	21.05	Peak	237.00	300	Vertical	Pass
4**	7363.500	42.91	54.0	11.09	AV	237.00	300	Vertical	Pass
5	12493.975	53.70	74.0	20.30	Peak	360.00	100	Vertical	Pass
5**	12493.975	45.86	54.0	8.14	AV	360.00	100	Vertical	Pass
6	15893.963	53.54	74.0	20.46	Peak	230.00	100	Vertical	Pass
6**	15893.963	44.62	54.0	9.38	AV	230.00	100	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	1616.300	38.85	74.0	35.15	Peak	225.00	300	Horizontal	Pass
1**	1616.300	29.94	54.0	24.06	AV	225.00	300	Horizontal	Pass
2	4278.250	47.08	74.0	26.92	Peak	246.00	100	Horizontal	Pass
2**	4278.250	38.01	54.0	15.99	AV	246.00	100	Horizontal	Pass
3	5753.000	102.04	--	--	Peak	206.00	150	Horizontal	N/A
3**	5753.000	95.02	--	--	AV	206.00	150	Horizontal	N/A
4	7616.750	53.06	74.0	20.94	Peak	128.00	300	Horizontal	Pass
4**	7616.750	43.67	54.0	10.33	AV	128.00	300	Horizontal	Pass
5	12502.762	53.88	74.0	20.12	Peak	346.00	200	Horizontal	Pass
5**	12502.762	44.12	54.0	9.88	AV	346.00	200	Horizontal	Pass
6	16067.213	53.82	74.0	20.18	Peak	50.00	300	Horizontal	Pass
6**	16067.213	45.53	54.0	8.47	AV	50.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.200	38.96	74.0	35.04	Peak	39.00	400	Vertical	Pass
1**	1578.200	28.82	54.0	25.18	AV	39.00	400	Vertical	Pass
2	4365.250	46.95	74.0	27.05	Peak	50.00	200	Vertical	Pass
2**	4365.250	38.34	54.0	15.66	AV	50.00	200	Vertical	Pass
3	5753.250	101.43	--	--	Peak	206.00	150	Vertical	N/A
3**	5753.250	95.04	--	--	AV	206.00	150	Vertical	N/A
4	7613.250	53.59	74.0	20.41	Peak	0.00	200	Vertical	Pass
4**	7613.250	43.70	54.0	10.30	AV	0.00	200	Vertical	Pass
5	12488.988	53.42	74.0	20.58	Peak	319.00	100	Vertical	Pass
5**	12488.988	44.16	54.0	9.84	AV	319.00	100	Vertical	Pass
6	16161.450	54.22	74.0	19.78	Peak	102.00	400	Vertical	Pass
6**	16161.450	45.07	54.0	8.93	AV	102.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	38.15	74.0	35.85	Peak	230.00	100	Horizontal	Pass
1**	1592.700	29.82	54.0	24.18	AV	230.00	100	Horizontal	Pass
2	4118.000	47.61	74.0	26.39	Peak	266.00	100	Horizontal	Pass
2**	4118.000	37.82	54.0	16.18	AV	266.00	100	Horizontal	Pass
3	5792.000	101.79	--	--	Peak	208.00	200	Horizontal	N/A
3**	5792.000	93.92	--	--	AV	208.00	200	Horizontal	N/A
4	7501.500	53.05	74.0	20.95	Peak	188.00	300	Horizontal	Pass
4**	7501.500	42.58	54.0	11.42	AV	188.00	300	Horizontal	Pass
5	12437.687	53.37	74.0	20.63	Peak	33.00	150	Horizontal	Pass
5**	12437.687	43.83	54.0	10.17	AV	33.00	150	Horizontal	Pass
6	15898.424	54.18	74.0	19.82	Peak	295.00	200	Horizontal	Pass
6**	15898.424	45.51	54.0	8.49	AV	295.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	38.21	74.0	35.79	Peak	246.00	400	Vertical	Pass
1**	1625.200	28.70	54.0	25.30	AV	246.00	400	Vertical	Pass
2	4379.000	47.11	74.0	26.89	Peak	344.00	100	Vertical	Pass
2**	4379.000	37.97	54.0	16.03	AV	344.00	100	Vertical	Pass
3	5797.000	103.27	--	--	Peak	206.00	200	Vertical	N/A
3**	5797.000	95.33	--	--	AV	206.00	200	Vertical	N/A
4	7358.750	52.90	74.0	21.10	Peak	344.00	200	Vertical	Pass
4**	7358.750	44.14	54.0	9.86	AV	344.00	200	Vertical	Pass
5	12494.687	53.38	74.0	20.62	Peak	64.00	200	Vertical	Pass
5**	12494.687	44.57	54.0	9.43	AV	64.00	200	Vertical	Pass
6	15912.600	54.04	74.0	19.96	Peak	319.00	100	Vertical	Pass
6**	15912.600	44.99	54.0	9.01	AV	319.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.600	38.37	74.0	35.63	Peak	120.00	100	Horizontal	Pass
1**	1478.600	28.54	54.0	25.46	AV	120.00	100	Horizontal	Pass
2	4354.250	47.30	74.0	26.70	Peak	312.00	200	Horizontal	Pass
2**	4354.250	38.76	54.0	15.24	AV	312.00	200	Horizontal	Pass
3	5776.500	98.16	--	--	Peak	69.00	150	Horizontal	N/A
3**	5776.500	90.62	--	--	AV	69.00	150	Horizontal	N/A
4	7596.500	52.69	74.0	21.31	Peak	271.00	400	Horizontal	Pass
4**	7596.500	44.20	54.0	9.80	AV	271.00	400	Horizontal	Pass
5	12522.951	53.24	74.0	20.76	Peak	278.00	150	Horizontal	Pass
5**	12522.951	43.86	54.0	10.14	AV	278.00	150	Horizontal	Pass
6	16123.650	54.04	74.0	19.96	Peak	274.00	400	Horizontal	Pass
6**	16123.650	44.14	54.0	9.86	AV	274.00	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	1613.500	38.59	74.0	35.41	Peak	312.00	100	Vertical	Pass
1**	1613.500	28.51	54.0	25.49	AV	312.00	100	Vertical	Pass
2	4356.500	48.31	74.0	25.69	Peak	360.00	400	Vertical	Pass
2**	4356.500	38.56	54.0	15.44	AV	360.00	400	Vertical	Pass
3	5768.750	96.08	--	--	Peak	216.00	200	Vertical	N/A
3**	5768.750	88.40	--	--	AV	216.00	200	Vertical	N/A
4	7326.500	52.84	74.0	21.16	Peak	255.00	300	Vertical	Pass
4**	7326.500	43.21	54.0	10.79	AV	255.00	300	Vertical	Pass
5	12523.187	53.68	74.0	20.32	Peak	212.00	100	Vertical	Pass
5**	12523.187	44.28	54.0	9.72	AV	212.00	100	Vertical	Pass
6	16081.912	54.42	74.0	19.58	Peak	111.00	100	Vertical	Pass
6**	16081.912	44.74	54.0	9.26	AV	111.00	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 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	5134.400	56.77	74.0	17.23	Peak	78.00	100	Horizontal	Pass
1**	5134.400	45.80	54.0	8.20	AV	78.00	100	Horizontal	Pass
2	5150.000	55.43	74.0	18.57	Peak	39.00	150	Horizontal	Pass
2**	5150.000	46.30	54.0	7.70	AV	39.00	150	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	55.29	74.0	18.71	Peak	288.00	100	Horizontal	Pass
1**	5350.000	45.39	54.0	8.61	AV	288.00	100	Horizontal	Pass
2	5352.475	57.19	74.0	16.81	Peak	173.00	200	Horizontal	Pass
2**	5352.475	45.19	54.0	8.81	AV	173.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5128.225	57.05	74.0	16.95	Peak	17.00	200	Horizontal	Pass
1**	5128.225	46.23	54.0	7.77	AV	17.00	200	Horizontal	Pass
2	5150.000	55.14	74.0	18.86	Peak	68.00	150	Horizontal	Pass
2**	5150.000	46.76	54.0	7.24	AV	68.00	150	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	56.58	74.0	17.42	Peak	44.00	150	Horizontal	Pass
1**	5350.000	45.58	54.0	8.42	AV	44.00	150	Horizontal	Pass
2	5361.055	57.75	74.0	16.25	Peak	115.00	200	Horizontal	Pass
2**	5361.055	45.19	54.0	8.81	AV	115.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5134.075	56.91	74.0	17.09	Peak	77.00	200	Horizontal	Pass
1**	5134.075	46.08	54.0	7.92	AV	77.00	200	Horizontal	Pass
2	5150.000	55.58	74.0	18.42	Peak	84.00	150	Horizontal	Pass
2**	5150.000	46.03	54.0	7.97	AV	84.00	150	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	5350.055	55.72	74.0	18.28	Peak	232.00	100	Horizontal	Pass
1**	5350.055	45.41	54.0	8.59	AV	232.00	100	Horizontal	Pass
2	5380.690	56.85	74.0	17.15	Peak	331.00	100	Horizontal	Pass
2**	5380.690	45.57	54.0	8.43	AV	331.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4883.500	57.48	74.0	16.52	Peak	269.00	150	Horizontal	Pass
1**	4883.500	44.90	54.0	9.10	AV	269.00	150	Horizontal	Pass
2	5150.000	55.94	74.0	18.06	Peak	0.00	150	Horizontal	Pass
2**	5150.000	46.29	54.0	7.71	AV	0.00	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	5350.055	55.28	74.0	18.72	Peak	360.00	200	Horizontal	Pass
1**	5350.055	45.64	54.0	8.36	AV	360.00	200	Horizontal	Pass
2	5380.305	57.06	74.0	16.94	Peak	93.00	200	Horizontal	Pass
2**	5380.305	45.71	54.0	8.29	AV	93.00	200	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	5137.650	56.58	74.0	17.42	Peak	360.00	150	Horizontal	Pass
1**	5137.650	45.63	54.0	8.37	AV	360.00	150	Horizontal	Pass
2	5150.000	54.41	74.0	19.59	Peak	85.00	200	Horizontal	Pass
2**	5150.000	45.77	54.0	8.23	AV	85.00	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	5350.055	56.00	74.0	18.00	Peak	145.00	200	Horizontal	Pass
1**	5350.055	45.69	54.0	8.31	AV	145.00	200	Horizontal	Pass
2	5376.620	57.09	74.0	16.91	Peak	359.00	100	Horizontal	Pass
2**	5376.620	45.48	54.0	8.52	AV	359.00	100	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	5127.575	56.71	74.0	17.29	Peak	80.00	200	Horizontal	Pass
1**	5127.575	45.32	54.0	8.68	AV	80.00	200	Horizontal	Pass
2	5150.000	55.48	74.0	18.52	Peak	50.00	150	Horizontal	Pass
2**	5150.000	46.10	54.0	7.90	AV	50.00	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	5350.055	56.59	74.0	17.41	Peak	238.00	150	Horizontal	Pass
1**	5350.055	46.11	54.0	7.89	AV	238.00	150	Horizontal	Pass
2	5384.485	56.92	74.0	17.08	Peak	49.00	200	Horizontal	Pass
2**	5384.485	45.82	54.0	8.18	AV	49.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5126.275	56.92	74.0	17.08	Peak	237.00	200	Horizontal	Pass
1**	5126.275	46.22	54.0	7.78	AV	237.00	200	Horizontal	Pass
2	5150.000	55.81	74.0	18.19	Peak	82.00	200	Horizontal	Pass
2**	5150.000	46.05	54.0	7.95	AV	82.00	200	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.51	74.0	17.49	Peak	360.00	200	Horizontal	Pass
1**	5350.055	47.00	54.0	7.00	AV	360.00	200	Horizontal	Pass
2	5350.495	58.61	74.0	15.39	Peak	20.00	200	Horizontal	Pass
2**	5350.495	46.88	54.0	7.12	AV	20.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	57.33	74.0	16.67	Peak	81.00	200	Horizontal	Pass
1**	5148.375	45.89	54.0	8.11	AV	81.00	200	Horizontal	Pass
2	5150.000	55.02	74.0	18.98	Peak	40.00	150	Horizontal	Pass
2**	5150.000	45.83	54.0	8.17	AV	40.00	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	5350.055	57.54	74.0	16.46	Peak	21.00	100	Horizontal	Pass
1**	5350.055	47.37	54.0	6.63	AV	21.00	100	Horizontal	Pass
2	5357.480	58.16	74.0	15.84	Peak	21.00	200	Horizontal	Pass
2**	5357.480	46.45	54.0	7.55	AV	21.00	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	5129.850	57.04	74.0	16.96	Peak	359.00	200	Horizontal	Pass
1**	5129.850	46.00	54.0	8.00	AV	359.00	200	Horizontal	Pass
2	5150.000	55.34	74.0	18.66	Peak	79.00	150	Horizontal	Pass
2**	5150.000	46.39	54.0	7.61	AV	79.00	150	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	5350.055	57.95	74.0	16.05	Peak	25.00	150	Horizontal	Pass
1**	5350.055	47.44	54.0	6.56	AV	25.00	150	Horizontal	Pass
2	5379.645	57.77	74.0	16.23	Peak	35.00	100	Horizontal	Pass
2**	5379.645	46.48	54.0	7.52	AV	35.00	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	5138.625	56.44	74.0	17.56	Peak	137.00	100	Horizontal	Pass
1**	5138.625	45.58	54.0	8.42	AV	137.00	100	Horizontal	Pass
2	5150.000	55.49	74.0	18.51	Peak	68.00	200	Horizontal	Pass
2**	5150.000	46.54	54.0	7.46	AV	68.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.53	74.0	16.47	Peak	17.00	200	Horizontal	Pass
1**	5350.055	47.63	54.0	6.37	AV	17.00	200	Horizontal	Pass
2	5353.190	58.06	74.0	15.94	Peak	9.00	150	Horizontal	Pass
2**	5353.190	47.00	54.0	7.00	AV	9.00	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	4878.300	56.97	74.0	17.03	Peak	174.00	150	Horizontal	Pass
1**	4878.300	44.62	54.0	9.38	AV	174.00	150	Horizontal	Pass
2	5150.000	55.70	74.0	18.30	Peak	360.00	200	Horizontal	Pass
2**	5150.000	46.26	54.0	7.74	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	56.07	74.0	17.93	Peak	360.00	150	Horizontal	Pass
1**	5350.000	47.03	54.0	6.97	AV	360.00	150	Horizontal	Pass
2	5350.715	57.71	74.0	16.29	Peak	1.00	100	Horizontal	Pass
2**	5350.715	46.62	54.0	7.38	AV	1.00	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	5149.025	57.23	74.0	16.77	Peak	78.00	100	Horizontal	Pass
1**	5149.025	46.50	54.0	7.50	AV	78.00	100	Horizontal	Pass
2	5150.000	55.95	74.0	18.05	Peak	74.00	150	Horizontal	Pass
2**	5150.000	46.49	54.0	7.51	AV	74.00	150	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	57.41	74.0	16.59	Peak	31.00	150	Horizontal	Pass
1**	5350.000	46.97	54.0	7.03	AV	31.00	150	Horizontal	Pass
2	5368.150	57.51	74.0	16.49	Peak	23.00	100	Horizontal	Pass
2**	5368.150	45.38	54.0	8.62	AV	23.00	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	5362.420	57.11	74.0	16.89	Peak	307.00	150	Horizontal	Pass
1**	5362.420	45.35	54.0	8.65	AV	307.00	150	Horizontal	Pass
2	5459.980	55.13	74.0	18.87	Peak	184.00	100	Horizontal	Pass
2**	5459.980	44.80	54.0	9.20	AV	184.00	100	Horizontal	Pass
3	5469.640	56.46	68.2	11.74	Peak	21.00	200	Horizontal	Pass
3**	5469.640	44.88	--	--	AV	21.00	200	Horizontal	N/A
4	5469.940	54.86	68.2	13.34	Peak	123.00	200	Horizontal	Pass
4**	5469.940	44.83	--	--	AV	123.00	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	5725.063	55.74	68.2	12.46	Peak	358.00	150	Horizontal	Pass
2	5750.312	58.10	68.2	10.10	Peak	32.00	150	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	5377.480	57.44	74.0	16.56	Peak	23.00	100	Horizontal	Pass
1**	5377.480	45.65	54.0	8.35	AV	23.00	100	Horizontal	Pass
2	5459.980	53.94	74.0	20.06	Peak	345.00	200	Horizontal	Pass
2**	5459.980	44.95	54.0	9.05	AV	345.00	200	Horizontal	Pass
3	5469.700	56.28	68.2	11.92	Peak	23.00	200	Horizontal	Pass
3**	5469.700	45.21	--	--	AV	23.00	200	Horizontal	N/A
4	5469.940	56.21	68.2	11.99	Peak	23.00	200	Horizontal	Pass
4**	5469.940	44.99	--	--	AV	23.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	54.64	68.2	13.56	Peak	133.00	100	Horizontal	Pass
2	5842.625	57.39	68.2	10.81	Peak	182.00	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	5354.620	57.30	74.0	16.70	Peak	48.00	150	Horizontal	Pass
1**	5354.620	45.49	54.0	8.51	AV	48.00	150	Horizontal	Pass
2	5459.980	55.20	74.0	18.80	Peak	14.00	150	Horizontal	Pass
2**	5459.980	45.04	54.0	8.96	AV	14.00	150	Horizontal	Pass
3	5465.020	57.35	68.2	10.85	Peak	30.00	150	Horizontal	Pass
3**	5465.020	44.86	--	--	AV	30.00	150	Horizontal	N/A
4	5469.940	53.86	68.2	14.34	Peak	11.00	200	Horizontal	Pass
4**	5469.940	44.82	--	--	AV	11.00	200	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	55.05	68.2	13.15	Peak	132.00	150	Horizontal	Pass
2	5831.938	57.77	68.2	10.43	Peak	35.00	100	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	5393.980	57.14	74.0	16.86	Peak	102.00	150	Horizontal	Pass
1**	5393.980	45.15	54.0	8.85	AV	102.00	150	Horizontal	Pass
2	5459.980	55.16	74.0	18.84	Peak	97.00	150	Horizontal	Pass
2**	5459.980	44.81	54.0	9.19	AV	97.00	150	Horizontal	Pass
3	5464.360	56.98	68.2	11.22	Peak	360.00	150	Horizontal	Pass
3**	5464.360	44.81	--	--	AV	360.00	150	Horizontal	N/A
4	5469.940	55.37	68.2	12.83	Peak	1.00	200	Horizontal	Pass
4**	5469.940	44.87	--	--	AV	1.00	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	55.64	68.2	12.56	Peak	88.00	100	Horizontal	Pass
2	5813.188	57.39	68.2	10.81	Peak	100.00	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	5353.240	57.09	74.0	16.91	Peak	120.00	200	Horizontal	Pass
1**	5353.240	45.51	54.0	8.49	AV	120.00	200	Horizontal	Pass
2	5459.980	54.34	74.0	19.66	Peak	47.00	100	Horizontal	Pass
2**	5459.980	44.76	54.0	9.24	AV	47.00	100	Horizontal	Pass
3	5466.760	56.93	68.2	11.27	Peak	341.00	200	Horizontal	Pass
3**	5466.760	44.90	--	--	AV	341.00	200	Horizontal	N/A
4	5469.940	56.16	68.2	12.04	Peak	9.00	100	Horizontal	Pass
4**	5469.940	44.71	--	--	AV	9.00	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	55.17	68.2	13.03	Peak	78.00	150	Horizontal	Pass
2	5840.187	58.00	68.2	10.20	Peak	360.00	200	Horizontal	Pass

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5394.280	57.14	74.0	16.86	Peak	136.00	200	Horizontal	Pass
1**	5394.280	45.10	54.0	8.90	AV	136.00	200	Horizontal	Pass
2	5459.980	54.61	74.0	19.39	Peak	360.00	200	Horizontal	Pass
2**	5459.980	44.85	54.0	9.15	AV	360.00	200	Horizontal	Pass
3	5465.860	56.28	68.2	11.92	Peak	49.00	150	Horizontal	Pass
3**	5465.860	44.83	--	--	AV	49.00	150	Horizontal	N/A
4	5469.940	55.39	68.2	12.81	Peak	353.00	200	Horizontal	Pass
4**	5469.940	44.84	--	--	AV	353.00	200	Horizontal	N/A

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.44	68.2	13.76	Peak	60.00	100	Horizontal	Pass
2	5773.813	57.88	68.2	10.32	Peak	174.00	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	5649.250	57.22	68.2	10.98	Peak	70.00	200	Horizontal	Pass
2	5650.000	57.78	68.2	10.42	Peak	45.00	150	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	5924.925	55.16	68.3	13.14	Peak	0.00	100	Horizontal	Pass
2	5964.600	58.23	68.2	9.97	Peak	115.00	150	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	5626.812	56.75	68.2	11.45	Peak	72.00	100	Horizontal	Pass
2	5650.000	56.02	68.2	12.18	Peak	360.00	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	5924.925	55.56	68.3	12.74	Peak	259.00	200	Horizontal	Pass
2	5984.400	57.48	68.2	10.72	Peak	134.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.625	56.90	68.2	11.30	Peak	76.00	150	Horizontal	Pass
2	5650.000	54.86	68.2	13.34	Peak	22.00	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	5924.925	54.90	68.3	13.40	Peak	0.00	100	Horizontal	Pass
2	5932.950	58.08	68.2	10.12	Peak	157.00	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	5635.313	57.18	68.2	11.02	Peak	21.00	200	Horizontal	Pass
2	5650.000	56.08	68.2	12.12	Peak	291.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.92	68.3	12.38	Peak	4.00	200	Horizontal	Pass
2	5929.050	57.73	68.2	10.47	Peak	213.00	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	5642.812	56.86	68.2	11.34	Peak	360.00	200	Horizontal	Pass
2	5650.000	56.31	68.2	11.89	Peak	28.00	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	5924.925	55.26	68.3	13.04	Peak	196.00	200	Horizontal	Pass
2	5939.925	57.87	68.2	10.33	Peak	360.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.188	57.56	68.2	10.64	Peak	27.00	100	Horizontal	Pass
2	5650.000	54.92	68.2	13.28	Peak	197.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.54	68.3	12.76	Peak	254.00	200	Horizontal	Pass
2	5933.400	57.41	68.2	10.79	Peak	206.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2520680-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2520680-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2520680-AI.PDF”.

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