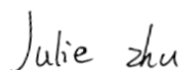
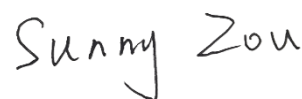


TEST REPORT

Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China
Equipment Type: Mobile Phone
Model Name: CPH2743
Brand Name: OPPO
FCC ID: R9C-OP24335
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Apr. 07, 2025
Test Date: Apr. 11, 2025 - May 12, 2025
Date of Issue: May 20, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

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

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

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

2.2 Manufacturer Information

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

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2743
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS 15.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S21, S04
IMEI Number	S21: IMEI1:860247070037599; IMEI2:860247070037581
	S04: IMEI1:860247070022476; IMEI2:860247070022468

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5/8 4G Network LTE FDD Band 2/4/5/7/8/12/13/17/18/19/26/28/66 LTE TDD Band 38/41/48 LTE CA Uplink (UL): CA_2C, CA_7C, CA_38C, CA_41C, CA_4A-5A, CA_5A-7A, CA_5A-66A 5G Network SA: NR n2/n5/n7/n12/n26/n38/n41/n66 NSA(EN-DC): DC_7A_n5A, DC_66A_n5A, DC_2A_n7A, DC_4A_n7A, DC_5A_n7A, DC_66A_n7A, DC_7A_n26A, DC_2A_n38A, DC_4A_n38A, DC_5A_n38A, DC_66A_n38A, DC_2A_n41A, DC_4A_n41A, DC_26A_n41A, DC_66A_n41A, DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_12A_n66A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), VHT20/40 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) GNSS, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 114.29 mW U-NII-2A: 109.40 mW U-NII-2C: 109.65 mW U-NII-3: 109.40 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A

Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -5.0 dBi U-NII-2A: 5250 MHz to 5350 MHz: -5.0 dBi U-NII-2C: 5470 MHz to 5725 MHz: -5.0 dBi U-NII-3: 5725 MHz to 5850 MHz: -5.0 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

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

2.5 Channel List

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

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

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

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	48% to 60%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.5℃ to +24.8℃
Working Voltage of the EUT	NV (Normal Voltage)	3.92V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	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	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
				2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

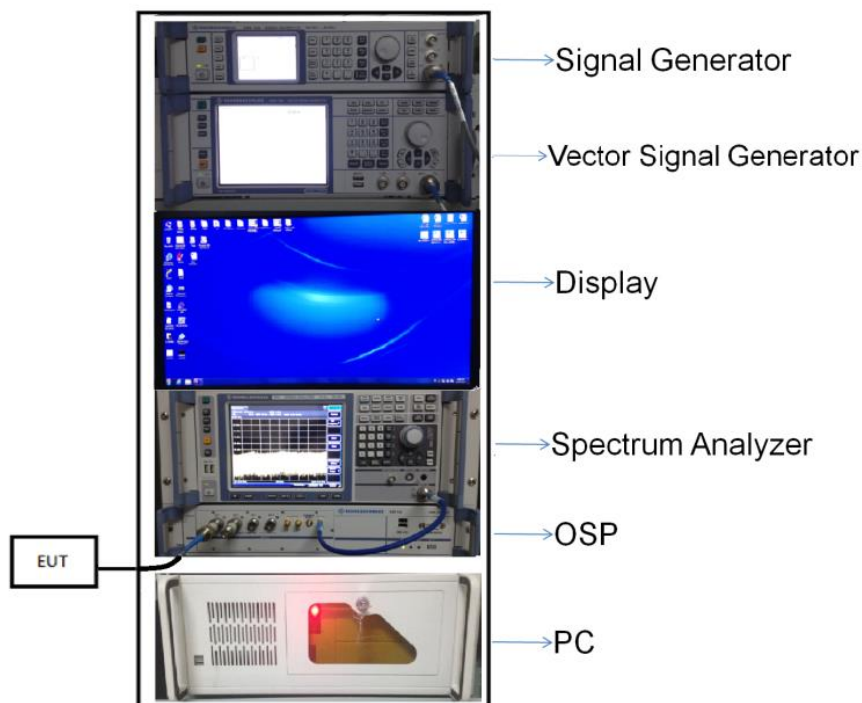
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

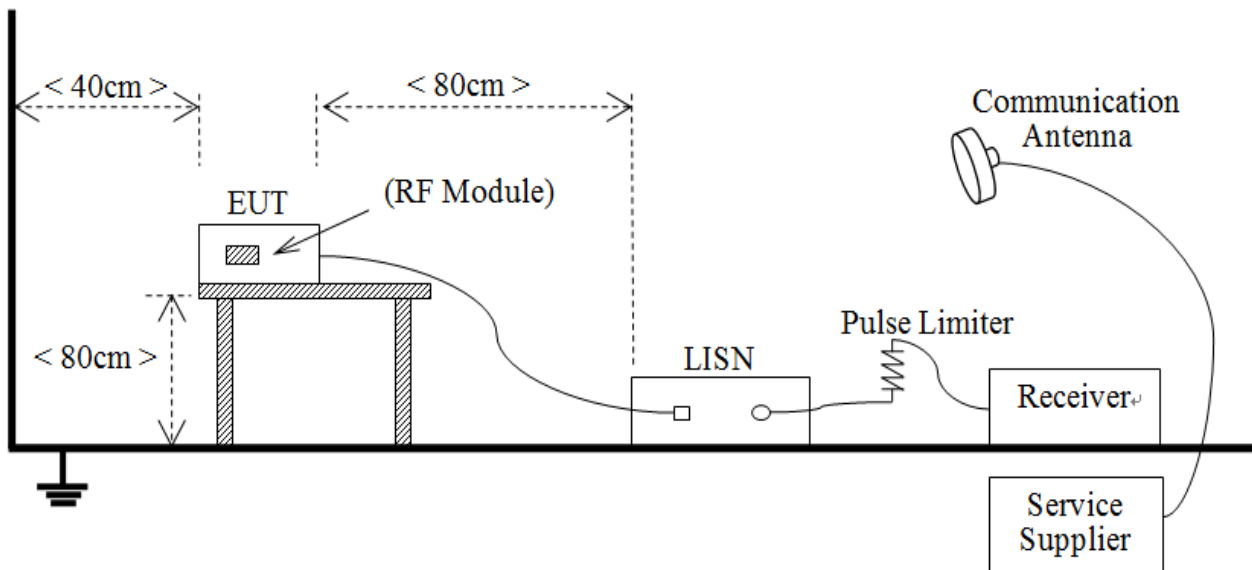
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



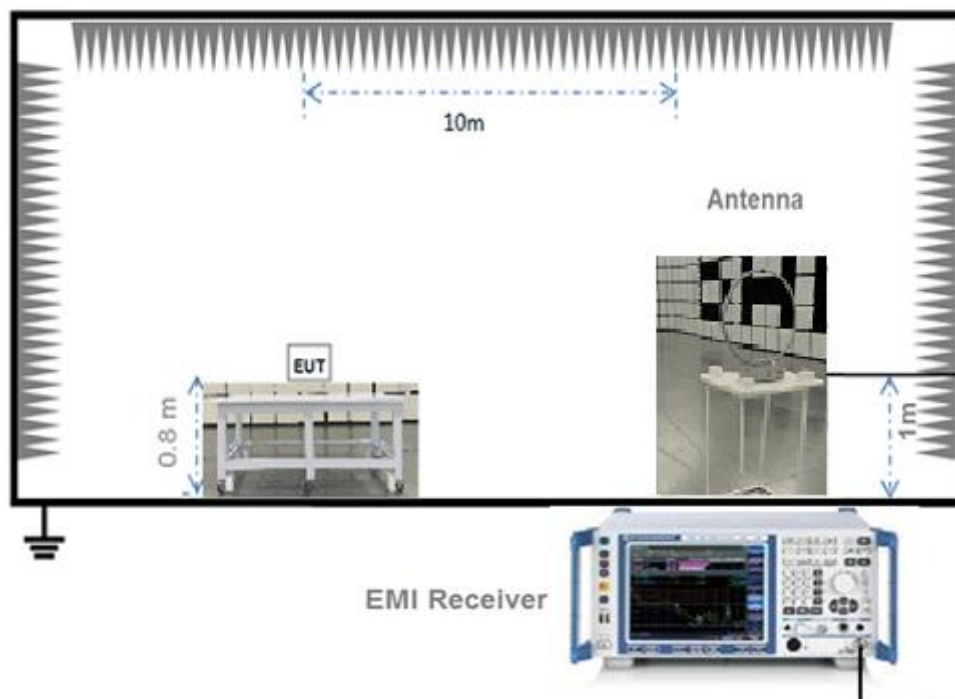
(Diagram 1)

4.5.2 For AC Power Supply Port Test



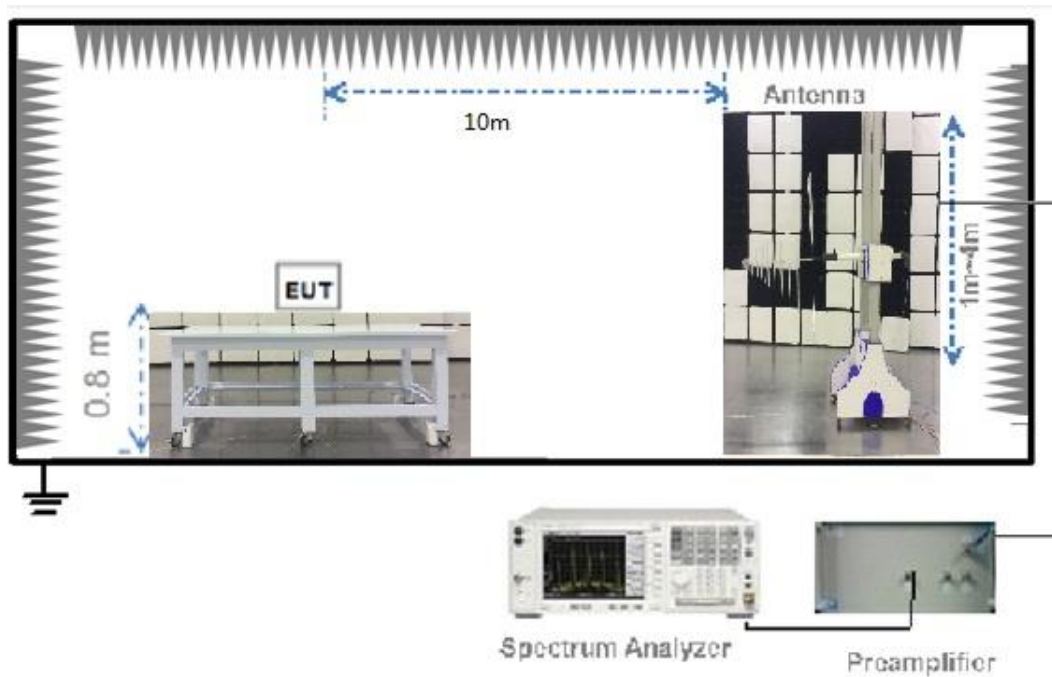
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



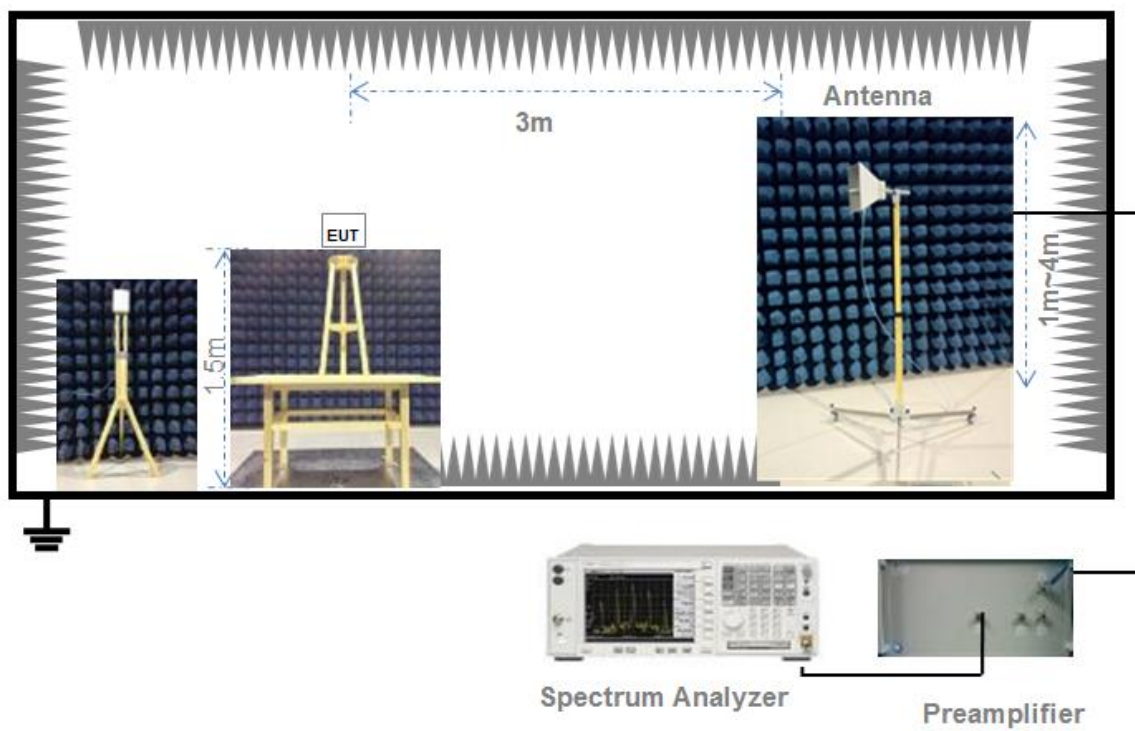
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

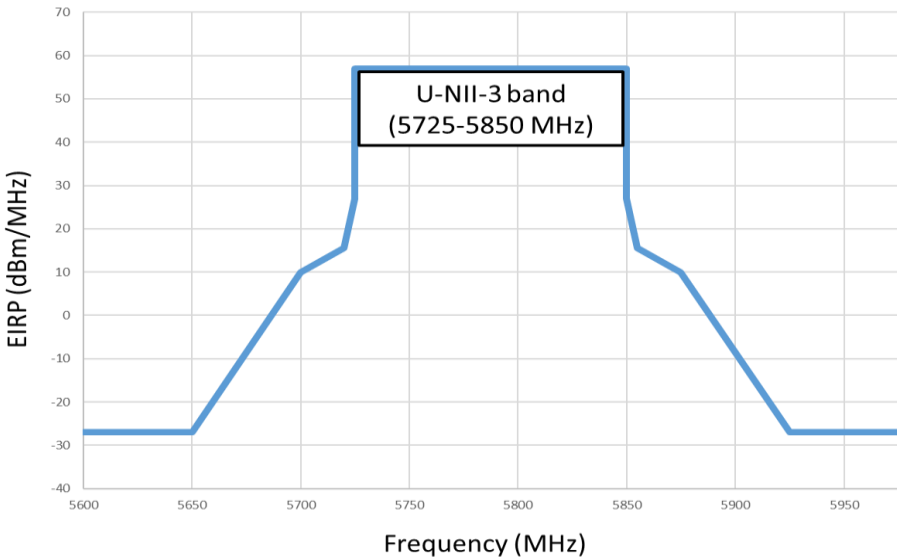
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.20	2.24	98.21%	0.08
11n(HT20)/11ac(VHT20)	2.06	2.10	98.14%	0.08
11n(HT40)/11ac(VHT40)	1.01	1.05	96.47%	0.16
11ac(VHT80)	0.49	0.52	93.09%	0.31

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.28	33.73	250	Pass
11a	CH44	20.56	113.76	250	Pass
11a	CH48	20.58	114.29	250	Pass
11n(HT20)	CH36	15.13	32.58	250	Pass
11n(HT20)	CH44	19.64	92.04	250	Pass
11n(HT20)	CH48	19.62	91.62	250	Pass
11n(HT40)	CH38	13.20	20.89	250	Pass
11n(HT40)	CH46	19.40	87.10	250	Pass
11ac(VHT20)	CH36	15.14	32.66	250	Pass
11ac(VHT20)	CH44	19.56	90.36	250	Pass
11ac(VHT20)	CH48	19.66	92.47	250	Pass
11ac(VHT40)	CH38	13.24	21.09	250	Pass
11ac(VHT40)	CH46	19.41	87.30	250	Pass
11ac(VHT80)	CH42	13.25	21.13	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	20.39	109.40	250	Pass
11a	CH60	15.34	34.20	250	Pass
11a	CH64	12.26	16.83	250	Pass
11n(HT20)	CH52	19.48	88.72	250	Pass
11n(HT20)	CH60	16.10	40.74	250	Pass
11n(HT20)	CH64	13.01	20.00	250	Pass
11n(HT40)	CH54	19.25	84.14	250	Pass
11n(HT40)	CH62	11.12	12.94	250	Pass
11ac(VHT20)	CH52	19.48	88.72	250	Pass
11ac(VHT20)	CH60	16.13	41.02	250	Pass
11ac(VHT20)	CH64	13.05	20.18	250	Pass
11ac(VHT40)	CH54	19.25	84.14	250	Pass
11ac(VHT40)	CH62	11.13	12.97	250	Pass
11ac(VHT80)	CH58	8.81	7.60	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.36	17.22	250	Pass
11a	CH116	20.40	109.65	250	Pass
11a	CH140	10.28	10.67	250	Pass
11n(HT20)	CH100	13.29	21.33	250	Pass
11n(HT20)	CH116	19.48	88.72	250	Pass
11n(HT20)	CH140	10.15	10.35	250	Pass
11n(HT40)	CH102	13.16	20.70	250	Pass
11n(HT40)	CH118	19.19	82.99	250	Pass
11n(HT40)	CH134	16.72	46.99	250	Pass
11ac(VHT20)	CH100	13.33	21.53	250	Pass
11ac(VHT20)	CH116	19.51	89.33	250	Pass
11ac(VHT20)	CH140	10.15	10.35	250	Pass
11ac(VHT40)	CH102	13.18	20.80	250	Pass
11ac(VHT40)	CH118	19.22	83.56	250	Pass
11ac(VHT40)	CH134	16.70	46.77	250	Pass
11ac(VHT80)	CH106	11.64	14.59	250	Pass
11ac(VHT80)	CH122	16.68	46.56	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	20.27	106.41	1000	Pass
11a	CH157	20.09	102.09	1000	Pass
11a	CH165	20.39	109.40	1000	Pass
11n(HT20)	CH149	19.41	87.30	1000	Pass
11n(HT20)	CH157	19.28	84.72	1000	Pass
11n(HT20)	CH165	19.55	90.16	1000	Pass
11n(HT40)	CH151	19.04	80.17	1000	Pass
11n(HT40)	CH159	19.05	80.35	1000	Pass
11ac(VHT20)	CH149	19.38	86.70	1000	Pass
11ac(VHT20)	CH157	19.46	88.31	1000	Pass
11ac(VHT20)	CH165	19.61	91.41	1000	Pass
11ac(VHT40)	CH151	19.21	83.37	1000	Pass
11ac(VHT40)	CH159	19.21	83.37	1000	Pass
11ac(VHT80)	CH155	19.10	81.28	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2530966-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.75	16.61
11a	CH44	22.76	16.60
11a	CH48	22.90	16.61
11n(HT20)	CH36	23.48	17.75
11n(HT20)	CH44	23.54	17.72
11n(HT20)	CH48	23.60	17.75
11n(HT40)	CH38	41.50	36.25
11n(HT40)	CH46	41.80	36.25
11ac(VHT20)	CH36	23.44	17.73
11ac(VHT20)	CH44	23.26	17.75
11ac(VHT20)	CH48	23.41	17.73
11ac(VHT40)	CH38	41.50	36.23
11ac(VHT40)	CH46	41.73	36.24
11ac(VHT80)	CH42	83.97	75.77

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.92	16.61
11a	CH60	23.45	16.60
11a	CH64	23.19	16.60
11n(HT20)	CH52	23.00	17.73
11n(HT20)	CH60	23.57	17.75
11n(HT20)	CH64	24.17	17.75
11n(HT40)	CH54	41.54	36.24
11n(HT40)	CH62	41.62	36.28
11ac(VHT20)	CH52	23.16	17.74
11ac(VHT20)	CH60	23.36	17.72
11ac(VHT20)	CH64	23.54	17.74
11ac(VHT40)	CH54	41.52	36.25
11ac(VHT40)	CH62	41.30	36.28
11ac(VHT80)	CH58	84.32	75.92

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.83	16.61
11a	CH116	22.84	16.60
11a	CH140	23.15	16.61
11n(HT20)	CH100	23.44	17.76
11n(HT20)	CH116	23.48	17.72
11n(HT20)	CH140	23.85	17.76
11n(HT40)	CH102	41.50	36.26
11n(HT40)	CH118	41.63	36.24
11n(HT40)	CH134	41.27	36.24
11ac(VHT20)	CH100	23.41	17.77
11ac(VHT20)	CH116	22.77	17.71
11ac(VHT20)	CH140	23.41	17.78
11ac(VHT40)	CH102	41.52	36.24
11ac(VHT40)	CH118	41.53	36.24
11ac(VHT40)	CH134	41.39	36.22
11ac(VHT80)	CH106	84.31	75.79
11ac(VHT80)	CH122	83.24	75.77

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.13	16.63
11a	CH157	22.88	16.62
11a	CH165	23.62	16.70
11n(HT20)	CH149	23.10	17.72
11n(HT20)	CH157	22.94	17.73
11n(HT20)	CH165	22.94	17.73
11n(HT40)	CH151	41.67	36.26
11n(HT40)	CH159	41.53	36.25
11ac(VHT20)	CH149	23.45	17.72
11ac(VHT20)	CH157	23.03	17.71
11ac(VHT20)	CH165	22.58	17.72
11ac(VHT40)	CH151	41.52	36.30
11ac(VHT40)	CH159	41.05	36.27
11ac(VHT80)	CH155	95.30	76.02

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2530966-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.60	500.00	Pass
11a	CH157	14.00	500.00	Pass
11a	CH165	15.70	500.00	Pass
11n(HT20)	CH149	15.20	500.00	Pass
11n(HT20)	CH157	15.20	500.00	Pass
11n(HT20)	CH165	15.30	500.00	Pass
11n(HT40)	CH151	35.50	500.00	Pass
11n(HT40)	CH159	35.90	500.00	Pass
11ac(VHT20)	CH149	15.20	500.00	Pass
11ac(VHT20)	CH157	15.70	500.00	Pass
11ac(VHT20)	CH165	16.10	500.00	Pass
11ac(VHT40)	CH151	36.20	500.00	Pass
11ac(VHT40)	CH159	35.30	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-SZ2530966-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.42	11.00	Pass
11a	CH44	9.70	11.00	Pass
11a	CH48	9.77	11.00	Pass
11n(HT20)	CH36	3.95	11.00	Pass
11n(HT20)	CH44	8.41	11.00	Pass
11n(HT20)	CH48	8.56	11.00	Pass
11n(HT40)	CH38	-0.97	11.00	Pass
11n(HT40)	CH46	5.27	11.00	Pass
11ac(VHT20)	CH36	3.18	11.00	Pass
11ac(VHT20)	CH44	8.47	11.00	Pass
11ac(VHT20)	CH48	8.61	11.00	Pass
11ac(VHT40)	CH38	-1.01	11.00	Pass
11ac(VHT40)	CH46	5.30	11.00	Pass
11ac(VHT80)	CH42	-4.13	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	9.53	11.00	Pass
11a	CH60	4.59	11.00	Pass
11a	CH64	1.48	11.00	Pass
11n(HT20)	CH52	8.33	11.00	Pass
11n(HT20)	CH60	5.12	11.00	Pass
11n(HT20)	CH64	1.98	11.00	Pass
11n(HT40)	CH54	5.20	11.00	Pass
11n(HT40)	CH62	-2.90	11.00	Pass
11ac(VHT20)	CH52	8.29	11.00	Pass
11ac(VHT20)	CH60	5.06	11.00	Pass
11ac(VHT20)	CH64	1.98	11.00	Pass
11ac(VHT40)	CH54	5.20	11.00	Pass
11ac(VHT40)	CH62	-2.93	11.00	Pass
11ac(VHT80)	CH58	-8.58	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.55	11.00	Pass
11a	CH116	9.54	11.00	Pass
11a	CH140	-0.53	11.00	Pass
11n(HT20)	CH100	2.26	11.00	Pass
11n(HT20)	CH116	8.42	11.00	Pass
11n(HT20)	CH140	-0.96	11.00	Pass
11n(HT40)	CH102	-0.90	11.00	Pass
11n(HT40)	CH118	5.11	11.00	Pass
11n(HT40)	CH134	2.61	11.00	Pass
11ac(VHT20)	CH100	2.25	11.00	Pass
11ac(VHT20)	CH116	8.39	11.00	Pass
11ac(VHT20)	CH140	-0.90	11.00	Pass
11ac(VHT40)	CH102	-0.95	11.00	Pass
11ac(VHT40)	CH118	5.16	11.00	Pass
11ac(VHT40)	CH134	2.47	11.00	Pass
11ac(VHT80)	CH106	-5.50	11.00	Pass
11ac(VHT80)	CH122	-0.61	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	6.88	30.00	Pass
11a	CH157	6.71	30.00	Pass
11a	CH165	6.97	30.00	Pass
11n(HT20)	CH149	5.95	30.00	Pass
11n(HT20)	CH157	5.78	30.00	Pass
11n(HT20)	CH165	6.04	30.00	Pass
11n(HT40)	CH151	2.44	30.00	Pass
11n(HT40)	CH159	2.51	30.00	Pass
11ac(VHT20)	CH149	5.85	30.00	Pass
11ac(VHT20)	CH157	5.75	30.00	Pass
11ac(VHT20)	CH165	5.86	30.00	Pass
11ac(VHT40)	CH151	2.27	30.00	Pass
11ac(VHT40)	CH159	2.23	30.00	Pass
11ac(VHT80)	CH155	-1.13	30.00	Pass

A.5 Conducted Emissions

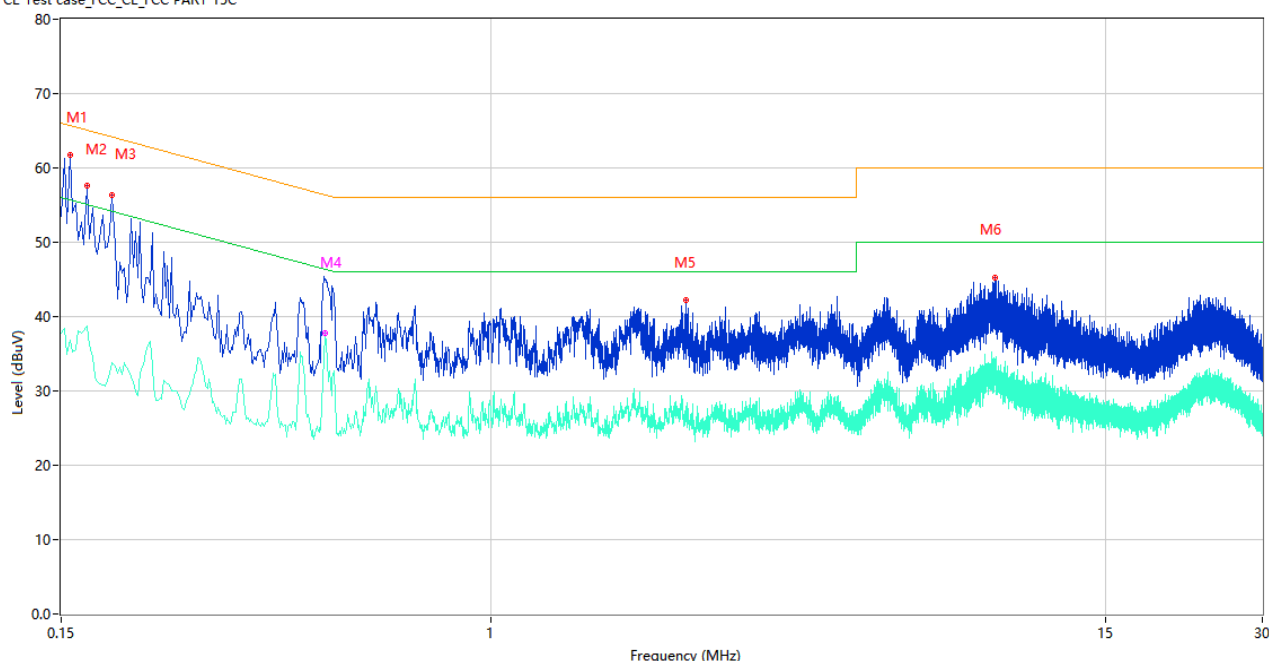
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

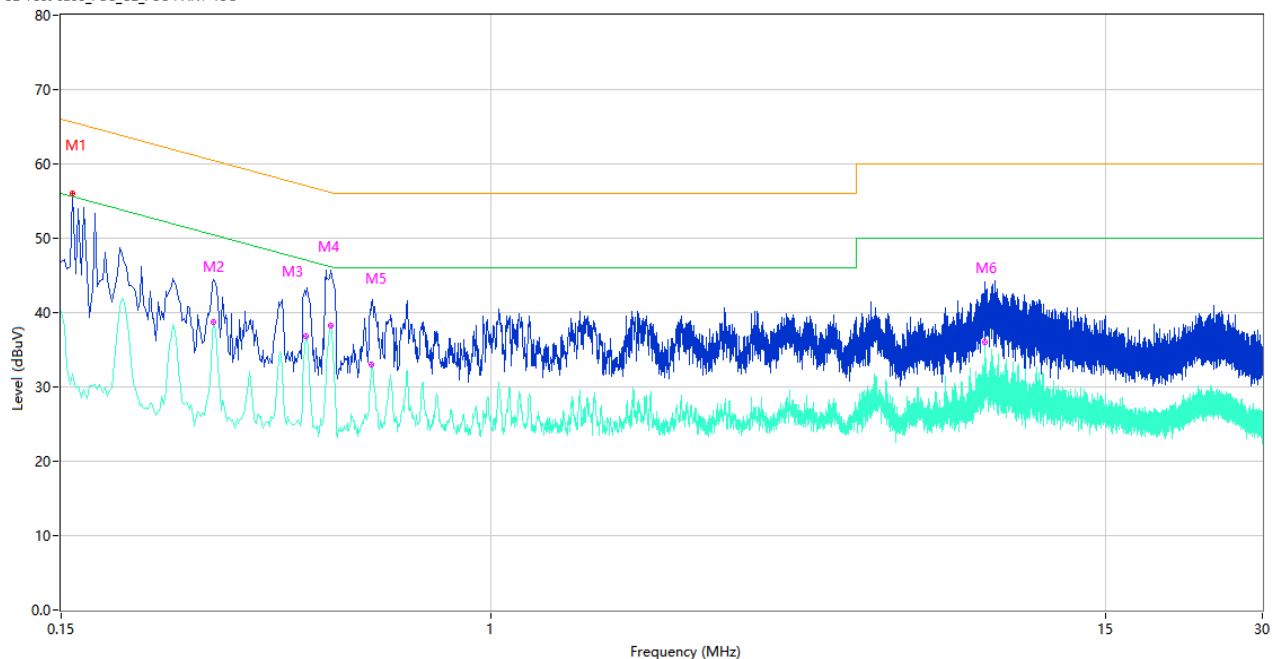
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	61.80	9.78	65.67	3.87	Peak	L	Pass
1**	0.156	36.75	9.78	55.67	18.92	AV	L	Pass
2	0.168	57.67	9.78	65.06	7.39	Peak	L	Pass
2**	0.168	38.78	9.78	55.06	16.28	AV	L	Pass
3	0.188	56.33	9.78	64.12	7.79	Peak	L	Pass
3**	0.188	33.88	9.78	54.12	20.24	AV	L	Pass
4	0.480	45.04	10.00	56.34	11.30	Peak	L	Pass
4**	0.480	37.78	10.00	46.34	8.56	AV	L	Pass
5	2.356	42.26	10.04	56.00	13.74	Peak	L	Pass
5**	2.356	27.85	10.04	46.00	18.15	AV	L	Pass
6	9.212	45.29	10.54	60.00	14.71	Peak	L	Pass
6**	9.212	31.93	10.54	50.00	18.07	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	0.158	56.01	9.78	65.57	9.56	Peak	N	Pass
1**	0.158	31.82	9.78	55.57	23.75	AV	N	Pass
2	0.294	44.39	9.76	60.41	16.02	Peak	N	Pass
2**	0.294	38.68	9.76	50.41	11.73	AV	N	Pass
3	0.442	42.41	10.11	57.02	14.61	Peak	N	Pass
3**	0.442	36.80	10.11	47.02	10.22	AV	N	Pass
4	0.492	45.65	9.99	56.13	10.48	Peak	N	Pass
4**	0.492	38.25	9.99	46.13	7.88	AV	N	Pass
5	0.590	40.27	10.14	56.00	15.73	Peak	N	Pass
5**	0.590	33.01	10.14	46.00	12.99	AV	N	Pass
6	8.818	43.17	10.35	60.00	16.83	Peak	N	Pass
6**	8.818	36.04	10.35	50.00	13.96	AV	N	Pass

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

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

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

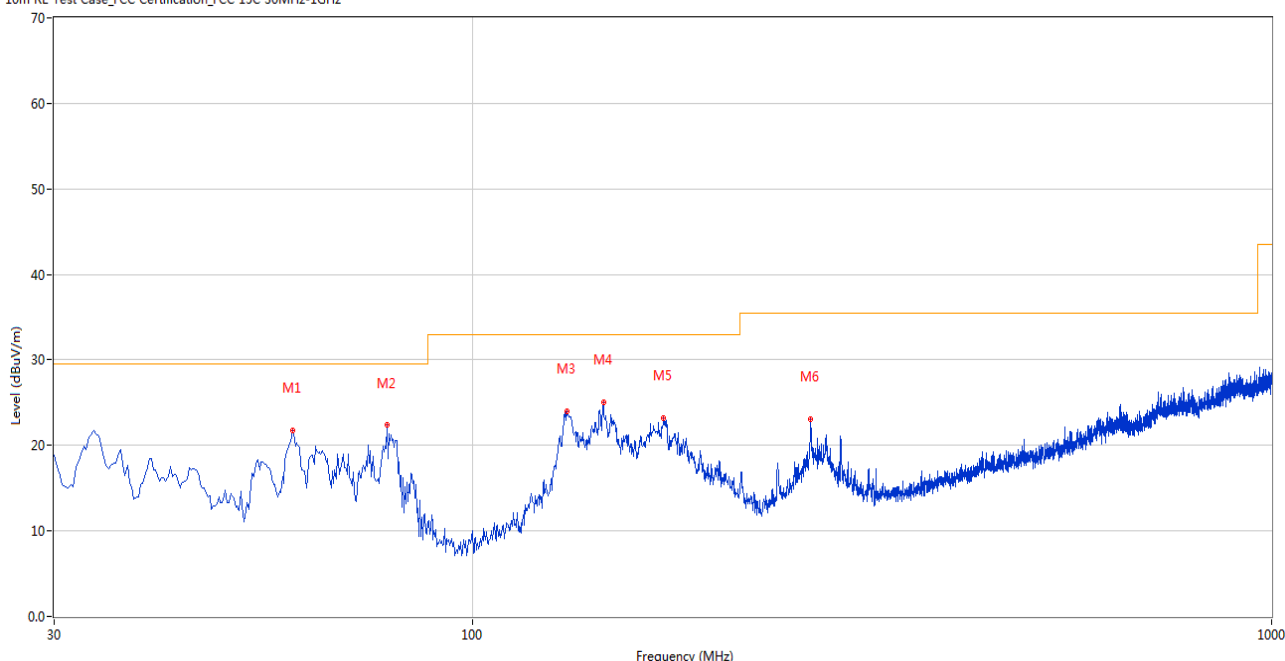
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

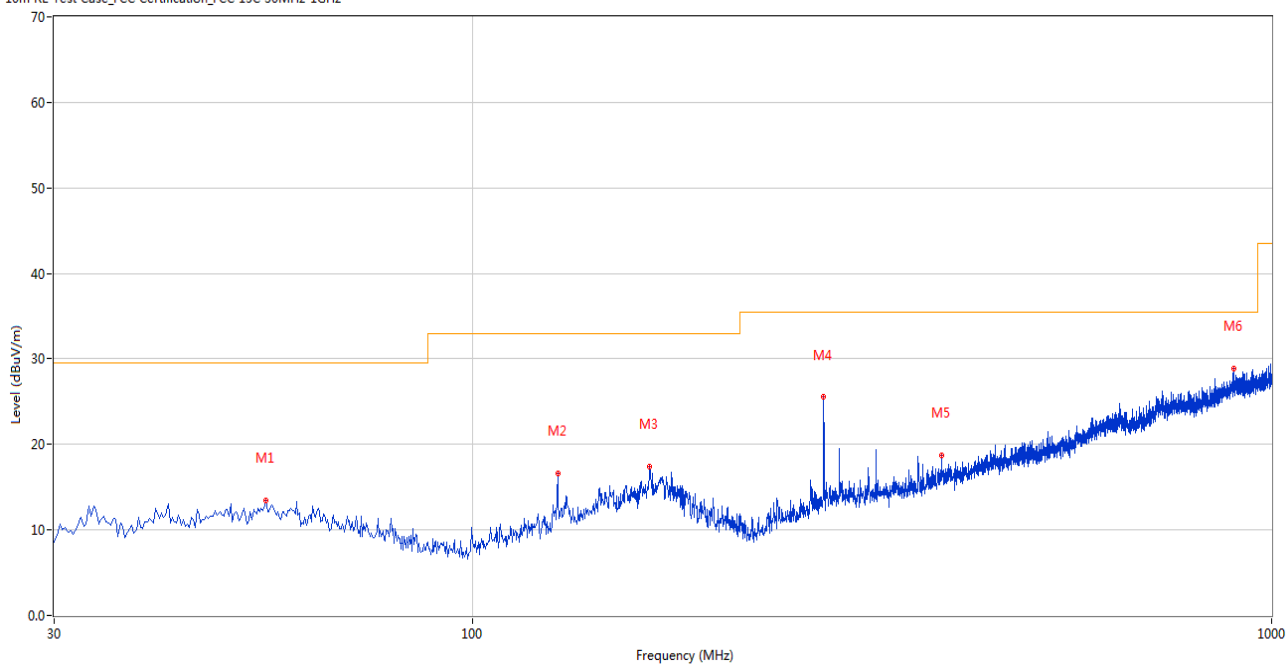
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.578	21.71	-26.46	29.5	7.79	Peak	146.00	100	Vertical	Pass
2	78.245	22.35	-29.93	29.5	7.15	Peak	146.00	200	Vertical	Pass
3	131.340	24.03	-27.05	33.0	8.97	Peak	276.00	100	Vertical	Pass
4	145.886	25.05	-25.71	33.0	7.95	Peak	279.00	100	Vertical	Pass
5	173.524	23.27	-26.49	33.0	9.73	Peak	254.00	100	Vertical	Pass
6	264.924	23.07	-26.37	35.5	12.43	Peak	69.00	100	Vertical	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.214	13.46	-26.15	29.5	16.04	Peak	332.00	200	Horizontal	Pass
2	127.946	16.63	-27.27	33.0	16.37	Peak	177.00	100	Horizontal	Pass
3	166.736	17.36	-25.72	33.0	15.64	Peak	264.00	200	Horizontal	Pass
4	275.106	25.51	-25.65	35.5	9.99	Peak	2.00	200	Horizontal	Pass
5	386.871	18.68	-22.48	35.5	16.82	Peak	93.00	100	Horizontal	Pass
6	895.751	28.87	-10.51	35.5	6.63	Peak	322.00	100	Horizontal	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	1625.100	39.28	74.0	34.72	Peak	55.00	400	Horizontal	Pass
1**	1625.100	29.72	54.0	24.28	AV	55.00	400	Horizontal	Pass
2	4288.000	50.52	74.0	23.48	Peak	0.00	400	Horizontal	Pass
2**	4288.000	41.19	54.0	12.81	AV	0.00	400	Horizontal	Pass
3	5178.800	111.25	--	--	Peak	92.00	150	Horizontal	N/A
3**	5178.800	104.38	--	--	AV	92.00	150	Horizontal	N/A
4	7447.063	50.64	74.0	23.36	Peak	306.00	100	Horizontal	Pass
4**	7447.063	41.90	54.0	12.10	AV	306.00	100	Horizontal	Pass
5	10926.387	52.68	74.0	21.32	Peak	184.00	150	Horizontal	Pass
5**	10926.387	43.11	54.0	10.89	AV	184.00	150	Horizontal	Pass
6	16127.325	55.24	74.0	18.76	Peak	360.00	200	Horizontal	Pass
6**	16127.325	45.22	54.0	8.78	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	38.96	74.0	35.04	Peak	192.00	400	Vertical	Pass
1**	1512.200	29.55	54.0	24.45	AV	192.00	400	Vertical	Pass
2	4079.000	50.27	74.0	23.73	Peak	0.00	200	Vertical	Pass
2**	4079.000	40.03	54.0	13.97	AV	0.00	200	Vertical	Pass
3	5176.000	96.70	--	--	Peak	44.00	150	Vertical	N/A
3**	5176.000	89.30	--	--	AV	44.00	150	Vertical	N/A
4	7503.987	50.28	74.0	23.72	Peak	185.00	200	Vertical	Pass
4**	7503.987	41.77	54.0	12.23	AV	185.00	200	Vertical	Pass
5	11905.037	51.92	74.0	22.08	Peak	254.00	100	Vertical	Pass
5**	11905.037	42.47	54.0	11.53	AV	254.00	100	Vertical	Pass
6	15647.213	55.15	74.0	18.85	Peak	344.00	100	Vertical	Pass
6**	15647.213	45.76	54.0	8.24	AV	344.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.700	38.57	74.0	35.43	Peak	16.00	100	Horizontal	Pass
1**	1583.700	29.42	54.0	24.58	AV	16.00	100	Horizontal	Pass
2	4344.200	50.12	74.0	23.88	Peak	80.00	400	Horizontal	Pass
2**	4344.200	40.96	54.0	13.04	AV	80.00	400	Horizontal	Pass
3	5219.400	114.39	--	--	Peak	91.00	200	Horizontal	N/A
3**	5219.400	107.65	--	--	AV	91.00	200	Horizontal	N/A
4	7501.112	50.90	74.0	23.10	Peak	149.00	100	Horizontal	Pass
4**	7501.112	40.89	54.0	13.11	AV	149.00	100	Horizontal	Pass
5	12513.388	52.27	74.0	21.73	Peak	303.00	100	Horizontal	Pass
5**	12513.388	42.06	54.0	11.94	AV	303.00	100	Horizontal	Pass
6	15970.088	54.98	74.0	19.02	Peak	170.00	400	Horizontal	Pass
6**	15970.088	44.60	54.0	9.40	AV	170.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.000	39.09	74.0	34.91	Peak	0.00	200	Vertical	Pass
1**	1445.000	29.88	54.0	24.12	AV	0.00	200	Vertical	Pass
2	4277.400	50.64	74.0	23.36	Peak	174.00	300	Vertical	Pass
2**	4277.400	40.65	54.0	13.35	AV	174.00	300	Vertical	Pass
3	5217.200	103.21	--	--	Peak	38.00	100	Vertical	N/A
3**	5217.200	94.84	--	--	AV	38.00	100	Vertical	N/A
4	7466.900	50.67	74.0	23.33	Peak	30.00	100	Vertical	Pass
4**	7466.900	41.47	54.0	12.53	AV	30.00	100	Vertical	Pass
5	11919.700	52.26	74.0	21.74	Peak	97.00	150	Vertical	Pass
5**	11919.700	42.86	54.0	11.14	AV	97.00	150	Vertical	Pass
6	15829.913	55.29	74.0	18.71	Peak	344.00	100	Vertical	Pass
6**	15829.913	45.20	54.0	8.80	AV	344.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.800	38.88	74.0	35.12	Peak	57.00	200	Horizontal	Pass
1**	1515.800	28.97	54.0	25.03	AV	57.00	200	Horizontal	Pass
2	4391.400	50.25	74.0	23.75	Peak	126.00	400	Horizontal	Pass
2**	4391.400	41.02	54.0	12.98	AV	126.00	400	Horizontal	Pass
3	5242.600	113.99	--	--	Peak	92.00	200	Horizontal	N/A
3**	5242.600	106.70	--	--	AV	92.00	200	Horizontal	N/A
4	7317.687	50.20	74.0	23.80	Peak	47.00	300	Horizontal	Pass
4**	7317.687	41.12	54.0	12.88	AV	47.00	300	Horizontal	Pass
5	10926.675	52.17	74.0	21.83	Peak	287.00	100	Horizontal	Pass
5**	10926.675	43.99	54.0	10.01	AV	287.00	100	Horizontal	Pass
6	15814.688	54.60	74.0	19.40	Peak	130.00	100	Horizontal	Pass
6**	15814.688	45.36	54.0	8.64	AV	130.00	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	1490.800	40.06	74.0	33.94	Peak	176.00	400	Vertical	Pass
1**	1490.800	29.07	54.0	24.93	AV	176.00	400	Vertical	Pass
2	4367.400	50.37	74.0	23.63	Peak	46.00	300	Vertical	Pass
2**	4367.400	40.44	54.0	13.56	AV	46.00	300	Vertical	Pass
3	5242.800	103.20	--	--	Peak	35.00	100	Vertical	N/A
3**	5242.800	95.80	--	--	AV	35.00	100	Vertical	N/A
4	7528.712	50.18	74.0	23.82	Peak	64.00	300	Vertical	Pass
4**	7528.712	40.87	54.0	13.13	AV	64.00	300	Vertical	Pass
5	10925.237	51.84	74.0	22.16	Peak	304.00	200	Vertical	Pass
5**	10925.237	43.09	54.0	10.91	AV	304.00	200	Vertical	Pass
6	15831.224	54.84	74.0	19.16	Peak	305.00	200	Vertical	Pass
6**	15831.224	45.99	54.0	8.01	AV	305.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.000	39.04	74.0	34.96	Peak	343.00	200	Horizontal	Pass
1**	1596.000	29.91	54.0	24.09	AV	343.00	200	Horizontal	Pass
2	4388.200	50.12	74.0	23.88	Peak	200.00	100	Horizontal	Pass
2**	4388.200	41.82	54.0	12.18	AV	200.00	100	Horizontal	Pass
3	5178.200	112.42	--	--	Peak	108.00	150	Horizontal	N/A
3**	5178.200	104.79	--	--	AV	108.00	150	Horizontal	N/A
4	7449.650	50.16	74.0	23.84	Peak	210.00	300	Horizontal	Pass
4**	7449.650	42.41	54.0	11.59	AV	210.00	300	Horizontal	Pass
5	12195.700	52.19	74.0	21.81	Peak	57.00	100	Horizontal	Pass
5**	12195.700	41.56	54.0	12.44	AV	57.00	100	Horizontal	Pass
6	16186.125	55.16	74.0	18.84	Peak	152.00	300	Horizontal	Pass
6**	16186.125	45.25	54.0	8.75	AV	152.00	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	1487.000	39.24	74.0	34.76	Peak	222.00	200	Vertical	Pass
1**	1487.000	29.96	54.0	24.04	AV	222.00	200	Vertical	Pass
2	4339.800	49.96	74.0	24.04	Peak	7.00	300	Vertical	Pass
2**	4339.800	40.57	54.0	13.43	AV	7.00	300	Vertical	Pass
3	5178.400	100.23	--	--	Peak	53.00	200	Vertical	N/A
3**	5178.400	92.46	--	--	AV	53.00	200	Vertical	N/A
4	7506.862	50.77	74.0	23.23	Peak	297.00	100	Vertical	Pass
4**	7506.862	41.20	54.0	12.80	AV	297.00	100	Vertical	Pass
5	11814.475	52.00	74.0	22.00	Peak	160.00	150	Vertical	Pass
5**	11814.475	41.64	54.0	12.36	AV	160.00	150	Vertical	Pass
6	16107.638	54.90	74.0	19.10	Peak	327.00	400	Vertical	Pass
6**	16107.638	46.22	54.0	7.78	AV	327.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.700	38.92	74.0	35.08	Peak	133.00	100	Horizontal	Pass
1**	1536.700	29.32	54.0	24.68	AV	133.00	100	Horizontal	Pass
2	4280.200	50.33	74.0	23.67	Peak	0.00	200	Horizontal	Pass
2**	4280.200	40.46	54.0	13.54	AV	0.00	200	Horizontal	Pass
3	5218.800	113.23	--	--	Peak	108.00	100	Horizontal	N/A
3**	5218.800	105.70	--	--	AV	108.00	100	Horizontal	N/A
4	7381.513	50.13	74.0	23.87	Peak	20.00	100	Horizontal	Pass
4**	7381.513	42.21	54.0	11.79	AV	20.00	100	Horizontal	Pass
5	11507.713	52.76	74.0	21.24	Peak	107.00	100	Horizontal	Pass
5**	11507.713	41.93	54.0	12.07	AV	107.00	100	Horizontal	Pass
6	16142.550	54.45	74.0	19.55	Peak	54.00	300	Horizontal	Pass
6**	16142.550	45.30	54.0	8.70	AV	54.00	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	1596.700	39.22	74.0	34.78	Peak	316.00	400	Vertical	Pass
1**	1596.700	30.27	54.0	23.73	AV	316.00	400	Vertical	Pass
2	4189.400	50.67	74.0	23.33	Peak	197.00	400	Vertical	Pass
2**	4189.400	40.86	54.0	13.14	AV	197.00	400	Vertical	Pass
3	5216.000	97.83	--	--	Peak	52.00	200	Vertical	N/A
3**	5216.000	90.05	--	--	AV	52.00	200	Vertical	N/A
4	7444.188	50.51	74.0	23.49	Peak	261.00	100	Vertical	Pass
4**	7444.188	42.54	54.0	11.46	AV	261.00	100	Vertical	Pass
5	11321.987	51.98	74.0	22.02	Peak	0.00	100	Vertical	Pass
5**	11321.987	43.40	54.0	10.60	AV	0.00	100	Vertical	Pass
6	16142.812	55.75	74.0	18.25	Peak	171.00	400	Vertical	Pass
6**	16142.812	44.97	54.0	9.03	AV	171.00	400	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	1509.000	38.90	74.0	35.10	Peak	360.00	100	Horizontal	Pass
1**	1509.000	29.35	54.0	24.65	AV	360.00	100	Horizontal	Pass
2	4389.200	50.08	74.0	23.92	Peak	350.00	100	Horizontal	Pass
2**	4389.200	41.02	54.0	12.98	AV	350.00	100	Horizontal	Pass
3	5238.400	112.78	--	--	Peak	98.00	150	Horizontal	N/A
3**	5238.400	104.80	--	--	AV	98.00	150	Horizontal	N/A
4	7465.462	50.31	74.0	23.69	Peak	159.00	100	Horizontal	Pass
4**	7465.462	41.39	54.0	12.61	AV	159.00	100	Horizontal	Pass
5	12508.787	52.32	74.0	21.68	Peak	263.00	100	Horizontal	Pass
5**	12508.787	41.60	54.0	12.40	AV	263.00	100	Horizontal	Pass
6	15820.724	55.23	74.0	18.77	Peak	0.00	200	Horizontal	Pass
6**	15820.724	46.27	54.0	7.73	AV	0.00	200	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	1584.500	38.92	74.0	35.08	Peak	159.00	100	Vertical	Pass
1**	1584.500	29.54	54.0	24.46	AV	159.00	100	Vertical	Pass
2	4389.800	50.82	74.0	23.18	Peak	201.00	400	Vertical	Pass
2**	4389.800	40.92	54.0	13.08	AV	201.00	400	Vertical	Pass
3	5238.800	101.76	--	--	Peak	42.00	100	Vertical	N/A
3**	5238.800	94.06	--	--	AV	42.00	100	Vertical	N/A
4	7490.475	51.04	74.0	22.96	Peak	157.00	200	Vertical	Pass
4**	7490.475	41.77	54.0	12.23	AV	157.00	200	Vertical	Pass
5	12405.862	52.53	74.0	21.47	Peak	244.00	100	Vertical	Pass
5**	12405.862	42.16	54.0	11.84	AV	244.00	100	Vertical	Pass
6	16134.674	54.85	74.0	19.15	Peak	35.00	100	Vertical	Pass
6**	16134.674	45.23	54.0	8.77	AV	35.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.900	39.36	74.0	34.64	Peak	290.00	200	Horizontal	Pass
1**	1587.900	29.58	54.0	24.42	AV	290.00	200	Horizontal	Pass
2	4277.400	50.33	74.0	23.67	Peak	257.00	300	Horizontal	Pass
2**	4277.400	40.69	54.0	13.31	AV	257.00	300	Horizontal	Pass
3	5195.200	108.19	--	--	Peak	111.00	200	Horizontal	N/A
3**	5195.200	99.65	--	--	AV	111.00	200	Horizontal	N/A
4	7439.875	50.36	74.0	23.64	Peak	229.00	400	Horizontal	Pass
4**	7439.875	41.48	54.0	12.52	AV	229.00	400	Horizontal	Pass
5	12509.650	52.46	74.0	21.54	Peak	0.00	200	Horizontal	Pass
5**	12509.650	42.41	54.0	11.59	AV	0.00	200	Horizontal	Pass
6	16030.463	54.71	74.0	19.29	Peak	312.00	400	Horizontal	Pass
6**	16030.463	45.38	54.0	8.62	AV	312.00	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	1625.800	39.07	74.0	34.93	Peak	360.00	100	Vertical	Pass
1**	1625.800	29.84	54.0	24.16	AV	360.00	100	Vertical	Pass
2	3952.600	50.26	74.0	23.74	Peak	110.00	300	Vertical	Pass
2**	3952.600	40.62	54.0	13.38	AV	110.00	300	Vertical	Pass
3	5195.200	95.68	--	--	Peak	42.00	150	Vertical	N/A
3**	5195.200	87.65	--	--	AV	42.00	150	Vertical	N/A
4	7450.513	50.19	74.0	23.81	Peak	0.00	200	Vertical	Pass
4**	7450.513	42.70	54.0	11.30	AV	0.00	200	Vertical	Pass
5	11318.250	52.08	74.0	21.92	Peak	329.00	200	Vertical	Pass
5**	11318.250	41.99	54.0	12.01	AV	329.00	200	Vertical	Pass
6	15809.438	55.71	74.0	18.29	Peak	292.00	300	Vertical	Pass
6**	15809.438	45.79	54.0	8.21	AV	292.00	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	1486.000	38.93	74.0	35.07	Peak	173.00	200	Horizontal	Pass
1**	1486.000	29.68	54.0	24.32	AV	173.00	200	Horizontal	Pass
2	4391.800	50.44	74.0	23.56	Peak	119.00	200	Horizontal	Pass
2**	4391.800	40.92	54.0	13.08	AV	119.00	200	Horizontal	Pass
3	5224.800	110.48	--	--	Peak	97.00	100	Horizontal	N/A
3**	5224.800	102.13	--	--	AV	97.00	100	Horizontal	N/A
4	7448.212	50.73	74.0	23.27	Peak	25.00	200	Horizontal	Pass
4**	7448.212	42.32	54.0	11.68	AV	25.00	200	Horizontal	Pass
5	10926.675	52.05	74.0	21.95	Peak	177.00	150	Horizontal	Pass
5**	10926.675	44.56	54.0	9.44	AV	177.00	150	Horizontal	Pass
6	15676.613	54.92	74.0	19.08	Peak	153.00	100	Horizontal	Pass
6**	15676.613	45.10	54.0	8.90	AV	153.00	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	1479.800	39.10	74.0	34.90	Peak	165.00	400	Vertical	Pass
1**	1479.800	29.35	54.0	24.65	AV	165.00	400	Vertical	Pass
2	4038.600	50.18	74.0	23.82	Peak	155.00	300	Vertical	Pass
2**	4038.600	41.20	54.0	12.80	AV	155.00	300	Vertical	Pass
3	5232.800	97.99	--	--	Peak	53.00	200	Vertical	N/A
3**	5232.800	88.71	--	--	AV	53.00	200	Vertical	N/A
4	7449.650	50.25	74.0	23.75	Peak	330.00	300	Vertical	Pass
4**	7449.650	41.72	54.0	12.28	AV	330.00	300	Vertical	Pass
5	11907.049	52.28	74.0	21.72	Peak	23.00	200	Vertical	Pass
5**	11907.049	42.55	54.0	11.45	AV	23.00	200	Vertical	Pass
6	16009.725	54.90	74.0	19.10	Peak	349.00	300	Vertical	Pass
6**	16009.725	44.93	54.0	9.07	AV	349.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.200	38.77	74.0	35.23	Peak	197.00	400	Horizontal	Pass
1**	1478.200	29.75	54.0	24.25	AV	197.00	400	Horizontal	Pass
2	4380.600	50.28	74.0	23.72	Peak	64.00	200	Horizontal	Pass
2**	4380.600	41.47	54.0	12.53	AV	64.00	200	Horizontal	Pass
3	5184.000	112.34	--	--	Peak	110.00	100	Horizontal	N/A
3**	5184.000	104.55	--	--	AV	110.00	100	Horizontal	N/A
4	7449.937	50.48	74.0	23.52	Peak	212.00	100	Horizontal	Pass
4**	7449.937	41.61	54.0	12.39	AV	212.00	100	Horizontal	Pass
5	10927.250	52.46	74.0	21.54	Peak	348.00	100	Horizontal	Pass
5**	10927.250	43.07	54.0	10.93	AV	348.00	100	Horizontal	Pass
6	15821.776	54.84	74.0	19.16	Peak	0.00	100	Horizontal	Pass
6**	15821.776	45.89	54.0	8.11	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.58	74.0	35.42	Peak	198.00	300	Vertical	Pass
1**	1505.600	29.77	54.0	24.23	AV	198.00	300	Vertical	Pass
2	4202.600	50.17	74.0	23.83	Peak	350.00	400	Vertical	Pass
2**	4202.600	40.92	54.0	13.08	AV	350.00	400	Vertical	Pass
3	5177.600	99.96	--	--	Peak	53.00	200	Vertical	N/A
3**	5177.600	92.29	--	--	AV	53.00	200	Vertical	N/A
4	7453.388	50.38	74.0	23.62	Peak	25.00	300	Vertical	Pass
4**	7453.388	41.95	54.0	12.05	AV	25.00	300	Vertical	Pass
5	11824.250	52.69	74.0	21.31	Peak	346.00	200	Vertical	Pass
5**	11824.250	43.04	54.0	10.96	AV	346.00	200	Vertical	Pass
6	15476.325	54.89	74.0	19.11	Peak	74.00	400	Vertical	Pass
6**	15476.325	45.24	54.0	8.76	AV	74.00	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	1509.000	39.08	74.0	34.92	Peak	115.00	200	Horizontal	Pass
1**	1509.000	29.26	54.0	24.74	AV	115.00	200	Horizontal	Pass
2	4297.200	50.30	74.0	23.70	Peak	256.00	300	Horizontal	Pass
2**	4297.200	40.54	54.0	13.46	AV	256.00	300	Horizontal	Pass
3	5222.800	112.81	--	--	Peak	107.00	100	Horizontal	N/A
3**	5222.800	105.44	--	--	AV	107.00	100	Horizontal	N/A
4	7444.763	51.22	74.0	22.78	Peak	177.00	400	Horizontal	Pass
4**	7444.763	42.23	54.0	11.77	AV	177.00	400	Horizontal	Pass
5	12615.737	52.03	74.0	21.97	Peak	25.00	100	Horizontal	Pass
5**	12615.737	42.29	54.0	11.71	AV	25.00	100	Horizontal	Pass
6	16133.363	55.42	74.0	18.58	Peak	350.00	400	Horizontal	Pass
6**	16133.363	45.73	54.0	8.27	AV	350.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.000	39.32	74.0	34.68	Peak	360.00	100	Vertical	Pass
1**	1504.000	29.33	54.0	24.67	AV	360.00	100	Vertical	Pass
2	4382.000	50.43	74.0	23.57	Peak	343.00	300	Vertical	Pass
2**	4382.000	41.17	54.0	12.83	AV	343.00	300	Vertical	Pass
3	5219.000	98.43	--	--	Peak	55.00	150	Vertical	N/A
3**	5219.000	91.97	--	--	AV	55.00	150	Vertical	N/A
4	7507.150	50.87	74.0	23.13	Peak	212.00	100	Vertical	Pass
4**	7507.150	41.49	54.0	12.51	AV	212.00	100	Vertical	Pass
5	11336.362	52.08	74.0	21.92	Peak	143.00	100	Vertical	Pass
5**	11336.362	42.36	54.0	11.64	AV	143.00	100	Vertical	Pass
6	15817.312	54.65	74.0	19.35	Peak	174.00	200	Vertical	Pass
6**	15817.312	45.49	54.0	8.51	AV	174.00	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	1442.500	39.99	74.0	34.01	Peak	135.00	100	Horizontal	Pass
1**	1442.500	29.15	54.0	24.85	AV	135.00	100	Horizontal	Pass
2	4388.000	50.18	74.0	23.82	Peak	189.00	300	Horizontal	Pass
2**	4388.000	40.87	54.0	13.13	AV	189.00	300	Horizontal	Pass
3	5242.800	113.17	--	--	Peak	108.00	150	Horizontal	N/A
3**	5242.800	105.45	--	--	AV	108.00	150	Horizontal	N/A
4	7447.063	50.62	74.0	23.38	Peak	330.00	400	Horizontal	Pass
4**	7447.063	41.81	54.0	12.19	AV	330.00	400	Horizontal	Pass
5	11213.025	52.18	74.0	21.82	Peak	347.00	100	Horizontal	Pass
5**	11213.025	42.28	54.0	11.72	AV	347.00	100	Horizontal	Pass
6	15820.200	54.90	74.0	19.10	Peak	250.00	200	Horizontal	Pass
6**	15820.200	46.49	54.0	7.51	AV	250.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.100	39.01	74.0	34.99	Peak	324.00	300	Vertical	Pass
1**	1486.100	30.89	54.0	23.11	AV	324.00	300	Vertical	Pass
2	4329.000	50.65	74.0	23.35	Peak	269.00	200	Vertical	Pass
2**	4329.000	40.17	54.0	13.83	AV	269.00	200	Vertical	Pass
3	5235.400	101.22	--	--	Peak	43.00	200	Vertical	N/A
3**	5235.400	92.34	--	--	AV	43.00	200	Vertical	N/A
4	7620.137	50.50	74.0	23.50	Peak	346.00	400	Vertical	Pass
4**	7620.137	41.71	54.0	12.29	AV	346.00	400	Vertical	Pass
5	10926.675	52.36	74.0	21.64	Peak	0.00	150	Vertical	Pass
5**	10926.675	42.70	54.0	11.30	AV	0.00	150	Vertical	Pass
6	15824.400	54.78	74.0	19.22	Peak	115.00	400	Vertical	Pass
6**	15824.400	45.80	54.0	8.20	AV	115.00	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	1508.300	39.24	74.0	34.76	Peak	151.00	100	Horizontal	Pass
1**	1508.300	30.51	54.0	23.49	AV	151.00	100	Horizontal	Pass
2	4229.600	50.19	74.0	23.81	Peak	99.00	200	Horizontal	Pass
2**	4229.600	40.29	54.0	13.71	AV	99.00	200	Horizontal	Pass
3	5203.000	107.54	--	--	Peak	99.00	200	Horizontal	N/A
3**	5203.000	99.38	--	--	AV	99.00	200	Horizontal	N/A
4	7451.663	51.64	74.0	22.36	Peak	0.00	200	Horizontal	Pass
4**	7451.663	41.81	54.0	12.19	AV	0.00	200	Horizontal	Pass
5	11354.762	51.96	74.0	22.04	Peak	225.00	200	Horizontal	Pass
5**	11354.762	41.85	54.0	12.15	AV	225.00	200	Horizontal	Pass
6	15512.813	54.86	74.0	19.14	Peak	193.00	100	Horizontal	Pass
6**	15512.813	46.54	54.0	7.46	AV	193.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.300	38.75	74.0	35.25	Peak	92.00	400	Vertical	Pass
1**	1514.300	29.31	54.0	24.69	AV	92.00	400	Vertical	Pass
2	4267.000	50.28	74.0	23.72	Peak	176.00	400	Vertical	Pass
2**	4267.000	40.33	54.0	13.67	AV	176.00	400	Vertical	Pass
3	5186.600	95.39	--	--	Peak	41.00	100	Vertical	N/A
3**	5186.600	87.46	--	--	AV	41.00	100	Vertical	N/A
4	7443.038	50.58	74.0	23.42	Peak	74.00	200	Vertical	Pass
4**	7443.038	42.06	54.0	11.94	AV	74.00	200	Vertical	Pass
5	11837.763	52.01	74.0	21.99	Peak	192.00	200	Vertical	Pass
5**	11837.763	42.18	54.0	11.82	AV	192.00	200	Vertical	Pass
6	15642.225	55.34	74.0	18.66	Peak	153.00	400	Vertical	Pass
6**	15642.225	45.13	54.0	8.87	AV	153.00	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	1512.200	39.00	74.0	35.00	Peak	9.00	200	Horizontal	Pass
1**	1512.200	28.95	54.0	25.05	AV	9.00	200	Horizontal	Pass
2	4390.600	50.30	74.0	23.70	Peak	360.00	300	Horizontal	Pass
2**	4390.600	41.41	54.0	12.59	AV	360.00	300	Horizontal	Pass
3	5228.800	110.28	--	--	Peak	99.00	200	Horizontal	N/A
3**	5228.800	101.82	--	--	AV	99.00	200	Horizontal	N/A
4	7441.025	50.44	74.0	23.56	Peak	91.00	100	Horizontal	Pass
4**	7441.025	41.32	54.0	12.68	AV	91.00	100	Horizontal	Pass
5	10924.662	52.35	74.0	21.65	Peak	176.00	150	Horizontal	Pass
5**	10924.662	43.17	54.0	10.83	AV	176.00	150	Horizontal	Pass
6	15669.262	55.33	74.0	18.67	Peak	15.00	100	Horizontal	Pass
6**	15669.262	44.44	54.0	9.56	AV	15.00	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	1454.800	39.30	74.0	34.70	Peak	233.00	400	Vertical	Pass
1**	1454.800	29.42	54.0	24.58	AV	233.00	400	Vertical	Pass
2	4378.000	50.39	74.0	23.61	Peak	7.00	200	Vertical	Pass
2**	4378.000	40.90	54.0	13.10	AV	7.00	200	Vertical	Pass
3	5233.600	96.62	--	--	Peak	53.00	100	Vertical	N/A
3**	5233.600	88.59	--	--	AV	53.00	100	Vertical	N/A
4	7361.962	50.60	74.0	23.40	Peak	228.00	200	Vertical	Pass
4**	7361.962	40.79	54.0	13.21	AV	228.00	200	Vertical	Pass
5	12570.313	51.75	74.0	22.25	Peak	143.00	100	Vertical	Pass
5**	12570.313	41.93	54.0	12.07	AV	143.00	100	Vertical	Pass
6	15824.400	55.50	74.0	18.50	Peak	15.00	200	Vertical	Pass
6**	15824.400	45.50	54.0	8.50	AV	15.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.300	39.20	74.0	34.80	Peak	317.00	200	Horizontal	Pass
1**	1459.300	29.10	54.0	24.90	AV	317.00	200	Horizontal	Pass
2	4380.600	50.22	74.0	23.78	Peak	99.00	300	Horizontal	Pass
2**	4380.600	40.80	54.0	13.20	AV	99.00	300	Horizontal	Pass
3	5200.800	105.74	--	--	Peak	99.00	150	Horizontal	N/A
3**	5200.800	96.86	--	--	AV	99.00	150	Horizontal	N/A
4	7446.488	50.43	74.0	23.57	Peak	360.00	300	Horizontal	Pass
4**	7446.488	41.79	54.0	12.21	AV	360.00	300	Horizontal	Pass
5	11934.363	51.91	74.0	22.09	Peak	194.00	100	Horizontal	Pass
5**	11934.363	42.89	54.0	11.11	AV	194.00	100	Horizontal	Pass
6	16090.050	55.03	74.0	18.97	Peak	360.00	400	Horizontal	Pass
6**	16090.050	45.86	54.0	8.14	AV	360.00	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	1522.800	39.22	74.0	34.78	Peak	123.00	100	Vertical	Pass
1**	1522.800	29.11	54.0	24.89	AV	123.00	100	Vertical	Pass
2	4161.800	49.87	74.0	24.13	Peak	8.00	300	Vertical	Pass
2**	4161.800	40.69	54.0	13.31	AV	8.00	300	Vertical	Pass
3	5204.000	91.64	--	--	Peak	53.00	150	Vertical	N/A
3**	5204.000	83.63	--	--	AV	53.00	150	Vertical	N/A
4	7448.787	50.55	74.0	23.45	Peak	175.00	100	Vertical	Pass
4**	7448.787	42.14	54.0	11.86	AV	175.00	100	Vertical	Pass
5	10931.276	52.84	74.0	21.16	Peak	279.00	100	Vertical	Pass
5**	10931.276	43.46	54.0	10.54	AV	279.00	100	Vertical	Pass
6	15523.838	55.19	74.0	18.81	Peak	330.00	300	Vertical	Pass
6**	15523.838	45.52	54.0	8.48	AV	330.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.200	38.95	74.0	35.05	Peak	360.00	400	Horizontal	Pass
1**	1587.200	29.88	54.0	24.12	AV	360.00	400	Horizontal	Pass
2	4389.400	50.34	74.0	23.66	Peak	143.00	200	Horizontal	Pass
2**	4389.400	40.99	54.0	13.01	AV	143.00	200	Horizontal	Pass
3	5259.000	113.66	--	--	Peak	98.00	150	Horizontal	N/A
3**	5259.000	107.68	--	--	AV	98.00	150	Horizontal	N/A
4	7438.437	50.16	74.0	23.84	Peak	360.00	100	Horizontal	Pass
4**	7438.437	43.27	54.0	10.73	AV	360.00	100	Horizontal	Pass
5	11333.200	52.16	74.0	21.84	Peak	58.00	200	Horizontal	Pass
5**	11333.200	43.28	54.0	10.72	AV	58.00	200	Horizontal	Pass
6	16127.849	54.89	74.0	19.11	Peak	0.00	200	Horizontal	Pass
6**	16127.849	45.70	54.0	8.30	AV	0.00	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	1585.400	39.34	74.0	34.66	Peak	116.00	100	Vertical	Pass
1**	1585.400	30.02	54.0	23.98	AV	116.00	100	Vertical	Pass
2	4188.400	50.14	74.0	23.86	Peak	236.00	300	Vertical	Pass
2**	4188.400	40.42	54.0	13.58	AV	236.00	300	Vertical	Pass
3	5258.600	101.09	--	--	Peak	53.00	150	Vertical	N/A
3**	5258.600	93.58	--	--	AV	53.00	150	Vertical	N/A
4	7505.138	50.32	74.0	23.68	Peak	141.00	400	Vertical	Pass
4**	7505.138	41.39	54.0	12.61	AV	141.00	400	Vertical	Pass
5	11928.325	52.46	74.0	21.54	Peak	39.00	100	Vertical	Pass
5**	11928.325	42.21	54.0	11.79	AV	39.00	100	Vertical	Pass
6	16096.088	55.53	74.0	18.47	Peak	295.00	100	Vertical	Pass
6**	16096.088	45.88	54.0	8.12	AV	295.00	100	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	1482.100	38.76	74.0	35.24	Peak	312.00	300	Horizontal	Pass
1**	1482.100	29.75	54.0	24.25	AV	312.00	300	Horizontal	Pass
2	4380.400	50.50	74.0	23.50	Peak	256.00	100	Horizontal	Pass
2**	4380.400	41.83	54.0	12.17	AV	256.00	100	Horizontal	Pass
3	5298.800	113.66	--	--	Peak	98.00	150	Horizontal	N/A
3**	5298.800	105.61	--	--	AV	98.00	150	Horizontal	N/A
4	7467.475	50.23	74.0	23.77	Peak	125.00	200	Horizontal	Pass
4**	7467.475	41.69	54.0	12.31	AV	125.00	200	Horizontal	Pass
5	10919.775	51.84	74.0	22.16	Peak	347.00	200	Horizontal	Pass
5**	10919.775	43.50	54.0	10.50	AV	347.00	200	Horizontal	Pass
6	15514.912	55.14	74.0	18.86	Peak	229.00	400	Horizontal	Pass
6**	15514.912	46.06	54.0	7.94	AV	229.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.000	39.10	74.0	34.90	Peak	163.00	400	Vertical	Pass
1**	1510.000	29.58	54.0	24.42	AV	163.00	400	Vertical	Pass
2	4391.000	50.63	74.0	23.37	Peak	32.00	200	Vertical	Pass
2**	4391.000	41.26	54.0	12.74	AV	32.00	200	Vertical	Pass
3	5308.000	100.65	--	--	Peak	43.00	100	Vertical	N/A
3**	5308.000	92.86	--	--	AV	43.00	100	Vertical	N/A
4	7437.000	50.40	74.0	23.60	Peak	261.00	100	Vertical	Pass
4**	7437.000	41.75	54.0	12.25	AV	261.00	100	Vertical	Pass
5	12691.925	52.55	74.0	21.45	Peak	106.00	100	Vertical	Pass
5**	12691.925	43.25	54.0	10.75	AV	106.00	100	Vertical	Pass
6	15695.776	54.48	74.0	19.52	Peak	152.00	400	Vertical	Pass
6**	15695.776	44.50	54.0	9.50	AV	152.00	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	1585.300	39.07	74.0	34.93	Peak	60.00	200	Horizontal	Pass
1**	1585.300	30.40	54.0	23.60	AV	60.00	200	Horizontal	Pass
2	3993.200	50.06	74.0	23.94	Peak	338.00	100	Horizontal	Pass
2**	3993.200	40.62	54.0	13.38	AV	338.00	100	Horizontal	Pass
3	5318.600	112.40	--	--	Peak	110.00	150	Horizontal	N/A
3**	5318.600	104.47	--	--	AV	110.00	150	Horizontal	N/A
4	7455.975	50.38	74.0	23.62	Peak	228.00	300	Horizontal	Pass
4**	7455.975	41.15	54.0	12.85	AV	228.00	300	Horizontal	Pass
5	10918.625	52.01	74.0	21.99	Peak	159.00	100	Horizontal	Pass
5**	10918.625	43.03	54.0	10.97	AV	159.00	100	Horizontal	Pass
6	15811.013	55.50	74.0	18.50	Peak	0.00	200	Horizontal	Pass
6**	15811.013	45.54	54.0	8.46	AV	0.00	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	1537.600	38.68	74.0	35.32	Peak	179.00	300	Vertical	Pass
1**	1537.600	30.26	54.0	23.74	AV	179.00	300	Vertical	Pass
2	4286.400	49.95	74.0	24.05	Peak	237.00	300	Vertical	Pass
2**	4286.400	41.04	54.0	12.96	AV	237.00	300	Vertical	Pass
3	5318.600	99.75	--	--	Peak	42.00	200	Vertical	N/A
3**	5318.600	91.77	--	--	AV	42.00	200	Vertical	N/A
4	7456.263	50.73	74.0	23.27	Peak	260.00	100	Vertical	Pass
4**	7456.263	41.38	54.0	12.62	AV	260.00	100	Vertical	Pass
5	11963.688	52.57	74.0	21.43	Peak	141.00	200	Vertical	Pass
5**	11963.688	42.12	54.0	11.88	AV	141.00	200	Vertical	Pass
6	16098.975	55.10	74.0	18.90	Peak	0.00	100	Vertical	Pass
6**	16098.975	45.57	54.0	8.43	AV	0.00	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	1529.400	39.38	74.0	34.62	Peak	12.00	300	Horizontal	Pass
1**	1529.400	29.58	54.0	24.42	AV	12.00	300	Horizontal	Pass
2	4386.000	51.41	74.0	22.59	Peak	290.00	200	Horizontal	Pass
2**	4386.000	41.87	54.0	12.13	AV	290.00	200	Horizontal	Pass
3	5261.200	113.67	--	--	Peak	110.00	150	Horizontal	N/A
3**	5261.200	106.85	--	--	AV	110.00	150	Horizontal	N/A
4	7442.175	50.53	74.0	23.47	Peak	347.00	300	Horizontal	Pass
4**	7442.175	41.57	54.0	12.43	AV	347.00	300	Horizontal	Pass
5	10923.800	52.27	74.0	21.73	Peak	193.00	150	Horizontal	Pass
5**	10923.800	43.39	54.0	10.61	AV	193.00	150	Horizontal	Pass
6	15855.375	54.16	74.0	19.84	Peak	133.00	300	Horizontal	Pass
6**	15855.375	45.20	54.0	8.80	AV	133.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.300	39.77	74.0	34.23	Peak	351.00	100	Vertical	Pass
1**	1622.300	29.38	54.0	24.62	AV	351.00	100	Vertical	Pass
2	3826.400	50.59	74.0	23.41	Peak	168.00	100	Vertical	Pass
2**	3826.400	40.49	54.0	13.51	AV	168.00	100	Vertical	Pass
3	5262.400	100.44	--	--	Peak	42.00	200	Vertical	N/A
3**	5262.400	92.50	--	--	AV	42.00	200	Vertical	N/A
4	7509.737	49.84	74.0	24.16	Peak	40.00	200	Vertical	Pass
4**	7509.737	40.76	54.0	13.24	AV	40.00	200	Vertical	Pass
5	12046.488	52.13	74.0	21.87	Peak	125.00	150	Vertical	Pass
5**	12046.488	41.61	54.0	12.39	AV	125.00	150	Vertical	Pass
6	15515.437	54.80	74.0	19.20	Peak	0.00	300	Vertical	Pass
6**	15515.437	45.61	54.0	8.39	AV	0.00	300	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	1506.400	39.12	74.0	34.88	Peak	11.00	200	Horizontal	Pass
1**	1506.400	30.20	54.0	23.80	AV	11.00	200	Horizontal	Pass
2	4385.200	50.25	74.0	23.75	Peak	279.00	300	Horizontal	Pass
2**	4385.200	41.31	54.0	12.69	AV	279.00	300	Horizontal	Pass
3	5298.800	110.50	--	--	Peak	98.00	100	Horizontal	N/A
3**	5298.800	102.92	--	--	AV	98.00	100	Horizontal	N/A
4	7464.888	50.40	74.0	23.60	Peak	0.00	300	Horizontal	Pass
4**	7464.888	42.32	54.0	11.68	AV	0.00	300	Horizontal	Pass
5	12132.163	51.98	74.0	22.02	Peak	228.00	150	Horizontal	Pass
5**	12132.163	41.31	54.0	12.69	AV	228.00	150	Horizontal	Pass
6	15352.424	54.79	74.0	19.21	Peak	271.00	400	Horizontal	Pass
6**	15352.424	45.37	54.0	8.63	AV	271.00	400	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	1598.500	38.86	74.0	35.14	Peak	90.00	300	Vertical	Pass
1**	1598.500	29.14	54.0	24.86	AV	90.00	300	Vertical	Pass
2	4379.800	50.54	74.0	23.46	Peak	226.00	300	Vertical	Pass
2**	4379.800	41.82	54.0	12.18	AV	226.00	300	Vertical	Pass
3	5299.000	96.78	--	--	Peak	64.00	200	Vertical	N/A
3**	5299.000	89.47	--	--	AV	64.00	200	Vertical	N/A
4	7509.450	50.46	74.0	23.54	Peak	0.00	400	Vertical	Pass
4**	7509.450	40.45	54.0	13.55	AV	0.00	400	Vertical	Pass
5	11497.362	52.62	74.0	21.38	Peak	242.00	200	Vertical	Pass
5**	11497.362	42.24	54.0	11.76	AV	242.00	200	Vertical	Pass
6	15516.225	54.66	74.0	19.34	Peak	272.00	200	Vertical	Pass
6**	15516.225	45.68	54.0	8.32	AV	272.00	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	1603.300	39.32	74.0	34.68	Peak	357.00	400	Horizontal	Pass
1**	1603.300	29.85	54.0	24.15	AV	357.00	400	Horizontal	Pass
2	4380.800	50.05	74.0	23.95	Peak	51.00	200	Horizontal	Pass
2**	4380.800	40.63	54.0	13.37	AV	51.00	200	Horizontal	Pass
3	5318.600	113.81	--	--	Peak	108.00	200	Horizontal	N/A
3**	5318.600	107.52	--	--	AV	108.00	200	Horizontal	N/A
4	7446.200	50.20	74.0	23.80	Peak	348.00	200	Horizontal	Pass
4**	7446.200	41.56	54.0	12.44	AV	348.00	200	Horizontal	Pass
5	11326.300	52.05	74.0	21.95	Peak	312.00	100	Horizontal	Pass
5**	11326.300	42.73	54.0	11.27	AV	312.00	100	Horizontal	Pass
6	15519.638	55.21	74.0	18.79	Peak	114.00	400	Horizontal	Pass
6**	15519.638	47.06	54.0	6.94	AV	114.00	400	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	1464.600	38.88	74.0	35.12	Peak	303.00	100	Vertical	Pass
1**	1464.600	28.88	54.0	25.12	AV	303.00	100	Vertical	Pass
2	4084.800	50.08	74.0	23.92	Peak	110.00	300	Vertical	Pass
2**	4084.800	40.79	54.0	13.21	AV	110.00	300	Vertical	Pass
3	5315.000	100.41	--	--	Peak	42.00	100	Vertical	N/A
3**	5315.000	93.22	--	--	AV	42.00	100	Vertical	N/A
4	7322.000	50.24	74.0	23.76	Peak	91.00	100	Vertical	Pass
4**	7322.000	40.36	54.0	13.64	AV	91.00	100	Vertical	Pass
5	10926.099	52.37	74.0	21.63	Peak	245.00	150	Vertical	Pass
5**	10926.099	42.94	54.0	11.06	AV	245.00	150	Vertical	Pass
6	16098.713	55.05	74.0	18.95	Peak	360.00	200	Vertical	Pass
6**	16098.713	45.74	54.0	8.26	AV	360.00	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	1555.300	38.81	74.0	35.19	Peak	324.00	400	Horizontal	Pass
1**	1555.300	28.89	54.0	25.11	AV	324.00	400	Horizontal	Pass
2	4343.400	49.99	74.0	24.01	Peak	339.00	300	Horizontal	Pass
2**	4343.400	41.50	54.0	12.50	AV	339.00	300	Horizontal	Pass
3	5271.200	110.83	--	--	Peak	98.00	100	Horizontal	N/A
3**	5271.200	102.63	--	--	AV	98.00	100	Horizontal	N/A
4	7434.700	50.77	74.0	23.23	Peak	277.00	100	Horizontal	Pass
4**	7434.700	41.18	54.0	12.82	AV	277.00	100	Horizontal	Pass
5	10926.387	52.28	74.0	21.72	Peak	193.00	200	Horizontal	Pass
5**	10926.387	42.91	54.0	11.09	AV	193.00	200	Horizontal	Pass
6	15816.526	55.08	74.0	18.92	Peak	293.00	200	Horizontal	Pass
6**	15816.526	45.84	54.0	8.16	AV	293.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.000	39.08	74.0	34.92	Peak	357.00	100	Vertical	Pass
1**	1540.000	29.08	54.0	24.92	AV	357.00	100	Vertical	Pass
2	4011.000	49.97	74.0	24.03	Peak	180.00	400	Vertical	Pass
2**	4011.000	40.84	54.0	13.16	AV	180.00	400	Vertical	Pass
3	5253.200	96.55	--	--	Peak	54.00	150	Vertical	N/A
3**	5253.200	88.50	--	--	AV	54.00	150	Vertical	N/A
4	7328.900	50.90	74.0	23.10	Peak	360.00	400	Vertical	Pass
4**	7328.900	41.26	54.0	12.74	AV	360.00	400	Vertical	Pass
5	11933.213	52.01	74.0	21.99	Peak	0.00	150	Vertical	Pass
5**	11933.213	42.29	54.0	11.71	AV	0.00	150	Vertical	Pass
6	15523.049	55.66	74.0	18.34	Peak	75.00	400	Vertical	Pass
6**	15523.049	46.47	54.0	7.53	AV	75.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.400	38.59	74.0	35.41	Peak	132.00	100	Horizontal	Pass
1**	1621.400	29.84	54.0	24.16	AV	132.00	100	Horizontal	Pass
2	4064.000	50.38	74.0	23.62	Peak	317.00	400	Horizontal	Pass
2**	4064.000	40.48	54.0	13.52	AV	317.00	400	Horizontal	Pass
3	5314.600	109.38	--	--	Peak	102.00	200	Horizontal	N/A
3**	5314.600	100.25	--	--	AV	102.00	200	Horizontal	N/A
4	7432.975	50.67	74.0	23.33	Peak	295.00	400	Horizontal	Pass
4**	7432.975	41.62	54.0	12.38	AV	295.00	400	Horizontal	Pass
5	10923.800	52.42	74.0	21.58	Peak	40.00	100	Horizontal	Pass
5**	10923.800	43.03	54.0	10.97	AV	40.00	100	Horizontal	Pass
6	16100.813	55.38	74.0	18.62	Peak	289.00	100	Horizontal	Pass
6**	16100.813	45.48	54.0	8.52	AV	289.00	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	1504.000	40.05	74.0	33.95	Peak	211.00	300	Vertical	Pass
1**	1504.000	30.86	54.0	23.14	AV	211.00	300	Vertical	Pass
2	4077.000	49.84	74.0	24.16	Peak	100.00	200	Vertical	Pass
2**	4077.000	40.49	54.0	13.51	AV	100.00	200	Vertical	Pass
3	5311.800	95.78	--	--	Peak	66.00	200	Vertical	N/A
3**	5311.800	87.91	--	--	AV	66.00	200	Vertical	N/A
4	7447.925	50.96	74.0	23.04	Peak	360.00	300	Vertical	Pass
4**	7447.925	41.02	54.0	12.98	AV	360.00	300	Vertical	Pass
5	11515.187	52.02	74.0	21.98	Peak	124.00	100	Vertical	Pass
5**	11515.187	43.13	54.0	10.87	AV	124.00	100	Vertical	Pass
6	15976.125	54.51	74.0	19.49	Peak	192.00	200	Vertical	Pass
6**	15976.125	45.11	54.0	8.89	AV	192.00	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	1489.700	39.13	74.0	34.87	Peak	30.00	200	Horizontal	Pass
1**	1489.700	29.94	54.0	24.06	AV	30.00	200	Horizontal	Pass
2	4367.800	50.65	74.0	23.35	Peak	41.00	300	Horizontal	Pass
2**	4367.800	41.05	54.0	12.95	AV	41.00	300	Horizontal	Pass
3	5258.800	114.47	--	--	Peak	109.00	150	Horizontal	N/A
3**	5258.800	106.70	--	--	AV	109.00	150	Horizontal	N/A
4	7449.650	50.96	74.0	23.04	Peak	296.00	200	Horizontal	Pass
4**	7449.650	41.58	54.0	12.42	AV	296.00	200	Horizontal	Pass
5	11368.563	52.26	74.0	21.74	Peak	25.00	150	Horizontal	Pass
5**	11368.563	42.09	54.0	11.91	AV	25.00	150	Horizontal	Pass
6	15819.675	55.11	74.0	18.89	Peak	94.00	300	Horizontal	Pass
6**	15819.675	45.83	54.0	8.17	AV	94.00	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	1596.100	39.35	74.0	34.65	Peak	297.00	200	Vertical	Pass
1**	1596.100	30.43	54.0	23.57	AV	297.00	200	Vertical	Pass
2	4389.000	50.66	74.0	23.34	Peak	132.00	300	Vertical	Pass
2**	4389.000	41.60	54.0	12.40	AV	132.00	300	Vertical	Pass
3	5258.000	100.43	--	--	Peak	42.00	200	Vertical	N/A
3**	5258.000	93.27	--	--	AV	42.00	200	Vertical	N/A
4	7453.675	50.22	74.0	23.78	Peak	277.00	300	Vertical	Pass
4**	7453.675	41.21	54.0	12.79	AV	277.00	300	Vertical	Pass
5	11916.826	53.28	74.0	20.72	Peak	174.00	150	Vertical	Pass
5**	11916.826	42.43	54.0	11.57	AV	174.00	150	Vertical	Pass
6	16092.412	54.66	74.0	19.34	Peak	0.00	100	Vertical	Pass
6**	16092.412	45.83	54.0	8.17	AV	0.00	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	1435.800	39.00	74.0	35.00	Peak	360.00	200	Horizontal	Pass
1**	1435.800	29.35	54.0	24.65	AV	360.00	200	Horizontal	Pass
2	4226.800	50.14	74.0	23.86	Peak	6.00	300	Horizontal	Pass
2**	4226.800	40.40	54.0	13.60	AV	6.00	300	Horizontal	Pass
3	5301.800	112.40	--	--	Peak	96.00	150	Horizontal	N/A
3**	5301.800	105.51	--	--	AV	96.00	150	Horizontal	N/A
4	7447.063	50.33	74.0	23.67	Peak	195.00	400	Horizontal	Pass
4**	7447.063	41.44	54.0	12.56	AV	195.00	400	Horizontal	Pass
5	11927.175	52.39	74.0	21.61	Peak	360.00	100	Horizontal	Pass
5**	11927.175	42.79	54.0	11.21	AV	360.00	100	Horizontal	Pass
6	15823.875	55.19	74.0	18.81	Peak	172.00	400	Horizontal	Pass
6**	15823.875	46.11	54.0	7.89	AV	172.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.800	39.80	74.0	34.20	Peak	177.00	200	Vertical	Pass
1**	1442.800	29.71	54.0	24.29	AV	177.00	200	Vertical	Pass
2	4081.800	50.70	74.0	23.30	Peak	104.00	300	Vertical	Pass
2**	4081.800	41.42	54.0	12.58	AV	104.00	300	Vertical	Pass
3	5301.000	100.45	--	--	Peak	45.00	200	Vertical	N/A
3**	5301.000	93.18	--	--	AV	45.00	200	Vertical	N/A
4	7461.150	50.18	74.0	23.82	Peak	260.00	200	Vertical	Pass
4**	7461.150	41.07	54.0	12.93	AV	260.00	200	Vertical	Pass
5	12574.050	51.63	74.0	22.37	Peak	360.00	100	Vertical	Pass
5**	12574.050	42.88	54.0	11.12	AV	360.00	100	Vertical	Pass
6	15841.200	55.24	74.0	18.76	Peak	211.00	300	Vertical	Pass
6**	15841.200	46.52	54.0	7.48	AV	211.00	300	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	1573.900	38.99	74.0	35.01	Peak	358.00	200	Horizontal	Pass
1**	1573.900	30.10	54.0	23.90	AV	358.00	200	Horizontal	Pass
2	4385.200	50.40	74.0	23.60	Peak	290.00	200	Horizontal	Pass
2**	4385.200	41.48	54.0	12.52	AV	290.00	200	Horizontal	Pass
3	5320.600	112.30	--	--	Peak	99.00	100	Horizontal	N/A
3**	5320.600	104.47	--	--	AV	99.00	100	Horizontal	N/A
4	7452.237	51.11	74.0	22.89	Peak	360.00	100	Horizontal	Pass
4**	7452.237	41.83	54.0	12.17	AV	360.00	100	Horizontal	Pass
5	10919.200	52.07	74.0	21.93	Peak	312.00	100	Horizontal	Pass
5**	10919.200	42.84	54.0	11.16	AV	312.00	100	Horizontal	Pass
6	15519.375	54.90	74.0	19.10	Peak	230.00	400	Horizontal	Pass
6**	15519.375	46.17	54.0	7.83	AV	230.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	39.20	74.0	34.80	Peak	198.00	300	Vertical	Pass
1**	1624.900	29.25	54.0	24.75	AV	198.00	300	Vertical	Pass
2	3718.200	50.28	74.0	23.72	Peak	268.00	300	Vertical	Pass
2**	3718.200	40.42	54.0	13.58	AV	268.00	300	Vertical	Pass
3	5322.000	99.03	--	--	Peak	41.00	200	Vertical	N/A
3**	5322.000	91.93	--	--	AV	41.00	200	Vertical	N/A
4	7476.388	49.95	74.0	24.05	Peak	329.00	200	Vertical	Pass
4**	7476.388	40.61	54.0	13.39	AV	329.00	200	Vertical	Pass
5	11903.025	52.03	74.0	21.97	Peak	0.00	100	Vertical	Pass
5**	11903.025	42.60	54.0	11.40	AV	0.00	100	Vertical	Pass
6	15820.200	54.76	74.0	19.24	Peak	360.00	400	Vertical	Pass
6**	15820.200	45.70	54.0	8.30	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.900	38.75	74.0	35.25	Peak	188.00	300	Horizontal	Pass
1**	1571.900	29.21	54.0	24.79	AV	188.00	300	Horizontal	Pass
2	4234.000	50.27	74.0	23.73	Peak	340.00	300	Horizontal	Pass
2**	4234.000	42.06	54.0	11.94	AV	340.00	300	Horizontal	Pass
3	5273.800	111.39	--	--	Peak	99.00	100	Horizontal	N/A
3**	5273.800	103.39	--	--	AV	99.00	100	Horizontal	N/A
4	7448.500	50.02	74.0	23.98	Peak	22.00	300	Horizontal	Pass
4**	7448.500	41.34	54.0	12.66	AV	22.00	300	Horizontal	Pass
5	11946.724	52.22	74.0	21.78	Peak	330.00	200	Horizontal	Pass
5**	11946.724	42.93	54.0	11.07	AV	330.00	200	Horizontal	Pass
6	16098.975	55.66	74.0	18.34	Peak	360.00	300	Horizontal	Pass
6**	16098.975	45.42	54.0	8.58	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.600	39.21	74.0	34.79	Peak	37.00	100	Vertical	Pass
1**	1502.600	29.76	54.0	24.24	AV	37.00	100	Vertical	Pass
2	4116.600	50.19	74.0	23.81	Peak	209.00	400	Vertical	Pass
2**	4116.600	40.65	54.0	13.35	AV	209.00	400	Vertical	Pass
3	5253.200	96.45	--	--	Peak	53.00	200	Vertical	N/A
3**	5253.200	88.09	--	--	AV	53.00	200	Vertical	N/A
4	7437.000	50.56	74.0	23.44	Peak	142.00	400	Vertical	Pass
4**	7437.000	41.19	54.0	12.81	AV	142.00	400	Vertical	Pass
5	10917.474	52.30	74.0	21.70	Peak	260.00	200	Vertical	Pass
5**	10917.474	42.88	54.0	11.12	AV	260.00	200	Vertical	Pass
6	15848.813	55.15	74.0	18.85	Peak	272.00	400	Vertical	Pass
6**	15848.813	45.46	54.0	8.54	AV	272.00	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	1587.200	39.79	74.0	34.21	Peak	276.00	400	Horizontal	Pass
1**	1587.200	29.71	54.0	24.29	AV	276.00	400	Horizontal	Pass
2	4126.800	50.59	74.0	23.41	Peak	283.00	100	Horizontal	Pass
2**	4126.800	40.45	54.0	13.55	AV	283.00	100	Horizontal	Pass
3	5313.600	109.54	--	--	Peak	99.00	200	Horizontal	N/A
3**	5313.600	100.66	--	--	AV	99.00	200	Horizontal	N/A
4	7436.712	50.59	74.0	23.41	Peak	312.00	300	Horizontal	Pass
4**	7436.712	41.12	54.0	12.88	AV	312.00	300	Horizontal	Pass
5	11942.412	51.83	74.0	22.17	Peak	20.00	100	Horizontal	Pass
5**	11942.412	43.62	54.0	10.38	AV	20.00	100	Horizontal	Pass
6	15490.500	54.69	74.0	19.31	Peak	213.00	400	Horizontal	Pass
6**	15490.500	45.07	54.0	8.93	AV	213.00	400	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	1623.800	38.93	74.0	35.07	Peak	140.00	100	Vertical	Pass
1**	1623.800	29.56	54.0	24.44	AV	140.00	100	Vertical	Pass
2	4277.200	50.52	74.0	23.48	Peak	324.00	200	Vertical	Pass
2**	4277.200	40.82	54.0	13.18	AV	324.00	200	Vertical	Pass
3	5313.600	95.98	--	--	Peak	64.00	150	Vertical	N/A
3**	5313.600	88.00	--	--	AV	64.00	150	Vertical	N/A
4	7438.150	50.22	74.0	23.78	Peak	38.00	200	Vertical	Pass
4**	7438.150	41.57	54.0	12.43	AV	38.00	200	Vertical	Pass
5	11813.613	53.02	74.0	20.98	Peak	174.00	150	Vertical	Pass
5**	11813.613	41.62	54.0	12.38	AV	174.00	150	Vertical	Pass
6	15866.925	55.27	74.0	18.73	Peak	55.00	300	Vertical	Pass
6**	15866.925	45.36	54.0	8.64	AV	55.00	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	1506.100	38.84	74.0	35.16	Peak	303.00	400	Horizontal	Pass
1**	1506.100	29.47	54.0	24.53	AV	303.00	400	Horizontal	Pass
2	4390.000	50.46	74.0	23.54	Peak	190.00	100	Horizontal	Pass
2**	4390.000	41.42	54.0	12.58	AV	190.00	100	Horizontal	Pass
3	5308.600	105.21	--	--	Peak	99.00	200	Horizontal	N/A
3**	5308.600	97.38	--	--	AV	99.00	200	Horizontal	N/A
4	7452.237	50.78	74.0	23.22	Peak	124.00	400	Horizontal	Pass
4**	7452.237	41.76	54.0	12.24	AV	124.00	400	Horizontal	Pass
5	12585.838	51.83	74.0	22.17	Peak	192.00	100	Horizontal	Pass
5**	12585.838	41.97	54.0	12.03	AV	192.00	100	Horizontal	Pass
6	15486.300	54.75	74.0	19.25	Peak	214.00	300	Horizontal	Pass
6**	15486.300	45.42	54.0	8.58	AV	214.00	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	1616.800	38.91	74.0	35.09	Peak	49.00	200	Vertical	Pass
1**	1616.800	29.39	54.0	24.61	AV	49.00	200	Vertical	Pass
2	4346.400	50.41	74.0	23.59	Peak	64.00	400	Vertical	Pass
2**	4346.400	41.46	54.0	12.54	AV	64.00	400	Vertical	Pass
3	5308.800	91.76	--	--	Peak	64.00	100	Vertical	N/A
3**	5308.800	83.04	--	--	AV	64.00	100	Vertical	N/A
4	7441.025	50.20	74.0	23.80	Peak	0.00	300	Vertical	Pass
4**	7441.025	41.33	54.0	12.67	AV	0.00	300	Vertical	Pass
5	11912.800	52.10	74.0	21.90	Peak	347.00	150	Vertical	Pass
5**	11912.800	42.69	54.0	11.31	AV	347.00	150	Vertical	Pass
6	16093.463	55.21	74.0	18.79	Peak	330.00	100	Vertical	Pass
6**	16093.463	45.69	54.0	8.31	AV	330.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	39.11	74.0	34.89	Peak	17.00	400	Horizontal	Pass
1**	1492.400	29.69	54.0	24.31	AV	17.00	400	Horizontal	Pass
2	4393.200	50.25	74.0	23.75	Peak	122.00	400	Horizontal	Pass
2**	4393.200	40.75	54.0	13.25	AV	122.00	400	Horizontal	Pass
3	5501.600	110.14	--	--	Peak	100.00	150	Horizontal	N/A
3**	5501.600	104.47	--	--	AV	100.00	150	Horizontal	N/A
4	7448.787	50.40	74.0	23.60	Peak	346.00	300	Horizontal	Pass
4**	7448.787	41.06	54.0	12.94	AV	346.00	300	Horizontal	Pass
5	11216.763	51.82	74.0	22.18	Peak	1.00	100	Horizontal	Pass
5**	11216.763	42.53	54.0	11.47	AV	1.00	100	Horizontal	Pass
6	15834.375	54.86	74.0	19.14	Peak	174.00	200	Horizontal	Pass
6**	15834.375	45.32	54.0	8.68	AV	174.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.500	38.96	74.0	35.04	Peak	250.00	100	Vertical	Pass
1**	1458.500	29.88	54.0	24.12	AV	250.00	100	Vertical	Pass
2	4380.400	50.09	74.0	23.91	Peak	351.00	200	Vertical	Pass
2**	4380.400	41.07	54.0	12.93	AV	351.00	200	Vertical	Pass
3	5501.000	98.75	--	--	Peak	65.00	100	Vertical	N/A
3**	5501.000	91.25	--	--	AV	65.00	100	Vertical	N/A
4	7710.987	50.43	74.0	23.57	Peak	243.00	200	Vertical	Pass
4**	7710.987	40.29	54.0	13.71	AV	243.00	200	Vertical	Pass
5	11326.588	52.05	74.0	21.95	Peak	193.00	150	Vertical	Pass
5**	11326.588	42.58	54.0	11.42	AV	193.00	150	Vertical	Pass
6	16095.037	56.29	74.0	17.71	Peak	360.00	400	Vertical	Pass
6**	16095.037	45.58	54.0	8.42	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.100	39.02	74.0	34.98	Peak	77.00	400	Horizontal	Pass
1**	1483.100	29.22	54.0	24.78	AV	77.00	400	Horizontal	Pass
2	3720.200	50.54	74.0	23.46	Peak	121.00	150	Horizontal	Pass
2**	3720.200	44.42	54.0	9.58	AV	121.00	150	Horizontal	Pass
3	5578.800	112.61	--	--	Peak	99.00	150	Horizontal	N/A
3**	5578.800	105.77	--	--	AV	99.00	150	Horizontal	N/A
4	7432.112	50.98	74.0	23.02	Peak	296.00	300	Horizontal	Pass
4**	7432.112	41.08	54.0	12.92	AV	296.00	300	Horizontal	Pass
5	11815.912	52.25	74.0	21.75	Peak	175.00	200	Horizontal	Pass
5**	11815.912	42.16	54.0	11.84	AV	175.00	200	Horizontal	Pass
6	16082.962	54.86	74.0	19.14	Peak	214.00	400	Horizontal	Pass
6**	16082.962	46.03	54.0	7.97	AV	214.00	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	1505.600	39.26	74.0	34.74	Peak	310.00	300	Vertical	Pass
1**	1505.600	30.12	54.0	23.88	AV	310.00	300	Vertical	Pass
2	4344.000	49.90	74.0	24.10	Peak	273.00	100	Vertical	Pass
2**	4344.000	40.85	54.0	13.15	AV	273.00	100	Vertical	Pass
3	5578.000	101.28	--	--	Peak	64.00	150	Vertical	N/A
3**	5578.000	93.93	--	--	AV	64.00	150	Vertical	N/A
4	7522.387	50.26	74.0	23.74	Peak	175.00	100	Vertical	Pass
4**	7522.387	40.91	54.0	13.09	AV	175.00	100	Vertical	Pass
5	10920.637	52.13	74.0	21.87	Peak	0.00	200	Vertical	Pass
5**	10920.637	43.35	54.0	10.65	AV	0.00	200	Vertical	Pass
6	15531.713	55.22	74.0	18.78	Peak	352.00	400	Vertical	Pass
6**	15531.713	45.71	54.0	8.29	AV	352.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.200	39.58	74.0	34.42	Peak	0.00	400	Horizontal	Pass
1**	1542.200	29.18	54.0	24.82	AV	0.00	400	Horizontal	Pass
2	3800.200	49.03	74.0	24.97	Peak	86.00	150	Horizontal	Pass
2**	3800.200	44.41	54.0	9.59	AV	86.00	150	Horizontal	Pass
3	5698.800	108.27	--	--	Peak	98.00	200	Horizontal	N/A
3**	5698.800	100.72	--	--	AV	98.00	200	Horizontal	N/A
4	7451.663	50.20	74.0	23.80	Peak	106.00	100	Horizontal	Pass
4**	7451.663	41.10	54.0	12.90	AV	106.00	100	Horizontal	Pass
5	11207.276	52.84	74.0	21.16	Peak	123.00	200	Horizontal	Pass
5**	11207.276	42.57	54.0	11.43	AV	123.00	200	Horizontal	Pass
6	15684.487	55.70	74.0	18.30	Peak	360.00	200	Horizontal	Pass
6**	15684.487	45.43	54.0	8.57	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.500	39.75	74.0	34.25	Peak	40.00	400	Vertical	Pass
1**	1505.500	30.67	54.0	23.33	AV	40.00	400	Vertical	Pass
2	4386.800	50.30	74.0	23.70	Peak	293.00	300	Vertical	Pass
2**	4386.800	41.04	54.0	12.96	AV	293.00	300	Vertical	Pass
3	5701.200	97.44	--	--	Peak	76.00	200	Vertical	N/A
3**	5701.200	90.82	--	--	AV	76.00	200	Vertical	N/A
4	7518.362	50.28	74.0	23.72	Peak	360.00	200	Vertical	Pass
4**	7518.362	41.31	54.0	12.69	AV	360.00	200	Vertical	Pass
5	11212.450	51.96	74.0	22.04	Peak	360.00	200	Vertical	Pass
5**	11212.450	42.59	54.0	11.41	AV	360.00	200	Vertical	Pass
6	15515.437	55.01	74.0	18.99	Peak	291.00	200	Vertical	Pass
6**	15515.437	46.10	54.0	7.90	AV	291.00	200	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	1485.700	38.73	74.0	35.27	Peak	236.00	100	Horizontal	Pass
1**	1485.700	30.10	54.0	23.90	AV	236.00	100	Horizontal	Pass
2	3914.800	50.19	74.0	23.81	Peak	313.00	100	Horizontal	Pass
2**	3914.800	40.35	54.0	13.65	AV	313.00	100	Horizontal	Pass
3	5503.200	110.14	--	--	Peak	109.00	150	Horizontal	N/A
3**	5503.200	103.58	--	--	AV	109.00	150	Horizontal	N/A
4	7469.200	50.48	74.0	23.52	Peak	42.00	400	Horizontal	Pass
4**	7469.200	41.16	54.0	12.84	AV	42.00	400	Horizontal	Pass
5	10920.063	52.25	74.0	21.75	Peak	0.00	100	Horizontal	Pass
5**	10920.063	43.49	54.0	10.51	AV	0.00	100	Horizontal	Pass
6	15835.425	54.70	74.0	19.30	Peak	118.00	400	Horizontal	Pass
6**	15835.425	45.40	54.0	8.60	AV	118.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.700	38.74	74.0	35.26	Peak	203.00	200	Vertical	Pass
1**	1589.700	29.30	54.0	24.70	AV	203.00	200	Vertical	Pass
2	4145.400	50.62	74.0	23.38	Peak	146.00	100	Vertical	Pass
2**	4145.400	40.05	54.0	13.95	AV	146.00	100	Vertical	Pass
3	5501.800	98.29	--	--	Peak	55.00	200	Vertical	N/A
3**	5501.800	91.25	--	--	AV	55.00	200	Vertical	N/A
4	7443.325	50.70	74.0	23.30	Peak	20.00	200	Vertical	Pass
4**	7443.325	41.34	54.0	12.66	AV	20.00	200	Vertical	Pass
5	10926.675	52.30	74.0	21.70	Peak	3.00	150	Vertical	Pass
5**	10926.675	42.85	54.0	11.15	AV	3.00	150	Vertical	Pass
6	16086.375	55.30	74.0	18.70	Peak	311.00	300	Vertical	Pass
6**	16086.375	46.09	54.0	7.91	AV	311.00	300	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	1625.400	38.94	74.0	35.06	Peak	130.00	200	Horizontal	Pass
1**	1625.400	29.98	54.0	24.02	AV	130.00	200	Horizontal	Pass
2	4379.800	50.09	74.0	23.91	Peak	336.00	400	Horizontal	Pass
2**	4379.800	41.50	54.0	12.50	AV	336.00	400	Horizontal	Pass
3	5581.600	111.87	--	--	Peak	100.00	100	Horizontal	N/A
3**	5581.600	104.10	--	--	AV	100.00	100	Horizontal	N/A
4	7452.812	50.15	74.0	23.85	Peak	294.00	200	Horizontal	Pass
4**	7452.812	41.73	54.0	12.27	AV	294.00	200	Horizontal	Pass
5	11506.562	52.42	74.0	21.58	Peak	360.00	150	Horizontal	Pass
5**	11506.562	42.06	54.0	11.94	AV	360.00	150	Horizontal	Pass
6	15568.725	55.49	74.0	18.51	Peak	211.00	200	Horizontal	Pass
6**	15568.725	45.61	54.0	8.39	AV	211.00	200	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	1566.200	39.06	74.0	34.94	Peak	146.00	200	Vertical	Pass
1**	1566.200	28.89	54.0	25.11	AV	146.00	200	Vertical	Pass
2	3888.200	51.06	74.0	22.94	Peak	169.00	100	Vertical	Pass
2**	3888.200	40.07	54.0	13.93	AV	169.00	100	Vertical	Pass
3	5578.200	100.24	--	--	Peak	65.00	200	Vertical	N/A
3**	5578.200	92.71	--	--	AV	65.00	200	Vertical	N/A
4	7491.337	50.71	74.0	23.29	Peak	56.00	200	Vertical	Pass
4**	7491.337	40.58	54.0	13.42	AV	56.00	200	Vertical	Pass
5	10928.400	52.19	74.0	21.81	Peak	260.00	150	Vertical	Pass
5**	10928.400	43.41	54.0	10.59	AV	260.00	150	Vertical	Pass
6	15844.875	54.90	74.0	19.10	Peak	117.00	100	Vertical	Pass
6**	15844.875	45.61	54.0	8.39	AV	117.00	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	1622.300	38.95	74.0	35.05	Peak	203.00	400	Horizontal	Pass
1**	1622.300	30.94	54.0	23.06	AV	203.00	400	Horizontal	Pass
2	3800.200	48.87	74.0	25.13	Peak	76.00	150	Horizontal	Pass
2**	3800.200	46.20	54.0	7.80	AV	76.00	150	Horizontal	Pass
3	5698.800	110.02	--	--	Peak	100.00	100	Horizontal	N/A
3**	5698.800	103.62	--	--	AV	100.00	100	Horizontal	N/A
4	7545.100	49.79	74.0	24.21	Peak	141.00	300	Horizontal	Pass
4**	7545.100	40.59	54.0	13.41	AV	141.00	300	Horizontal	Pass
5	11926.600	52.30	74.0	21.70	Peak	124.00	150	Horizontal	Pass
5**	11926.600	42.53	54.0	11.47	AV	124.00	150	Horizontal	Pass
6	15612.037	55.32	74.0	18.68	Peak	95.00	300	Horizontal	Pass
6**	15612.037	44.63	54.0	9.37	AV	95.00	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	1478.800	38.78	74.0	35.22	Peak	41.00	300	Vertical	Pass
1**	1478.800	29.76	54.0	24.24	AV	41.00	300	Vertical	Pass
2	4318.600	50.11	74.0	23.89	Peak	52.00	100	Vertical	Pass
2**	4318.600	40.51	54.0	13.49	AV	52.00	100	Vertical	Pass
3	5698.200	99.99	--	--	Peak	52.00	200	Vertical	N/A
3**	5698.200	94.09	--	--	AV	52.00	200	Vertical	N/A
4	7449.075	50.09	74.0	23.91	Peak	278.00	100	Vertical	Pass
4**	7449.075	41.07	54.0	12.93	AV	278.00	100	Vertical	Pass
5	12538.974	51.74	74.0	22.26	Peak	346.00	150	Vertical	Pass
5**	12538.974	42.00	54.0	12.00	AV	346.00	150	Vertical	Pass
6	15817.312	54.73	74.0	19.27	Peak	360.00	100	Vertical	Pass
6**	15817.312	45.92	54.0	8.08	AV	360.00	100	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	1506.600	39.02	74.0	34.98	Peak	262.00	100	Horizontal	Pass
1**	1506.600	29.36	54.0	24.64	AV	262.00	100	Horizontal	Pass
2	3673.600	48.41	74.0	25.59	Peak	87.00	150	Horizontal	Pass
2**	3673.600	44.23	54.0	9.77	AV	87.00	150	Horizontal	Pass
3	5506.400	107.74	--	--	Peak	99.00	200	Horizontal	N/A
3**	5506.400	99.67	--	--	AV	99.00	200	Horizontal	N/A
4	7438.437	50.14	74.0	23.86	Peak	360.00	100	Horizontal	Pass
4**	7438.437	41.27	54.0	12.73	AV	360.00	100	Horizontal	Pass
5	11330.037	51.84	74.0	22.16	Peak	124.00	150	Horizontal	Pass
5**	11330.037	43.60	54.0	10.40	AV	124.00	150	Horizontal	Pass
6	15510.974	55.61	74.0	18.39	Peak	56.00	400	Horizontal	Pass
6**	15510.974	47.21	54.0	6.79	AV	56.00	400	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	1621.300	39.57	74.0	34.43	Peak	81.00	200	Vertical	Pass
1**	1621.300	30.40	54.0	23.60	AV	81.00	200	Vertical	Pass
2	4008.400	50.61	74.0	23.39	Peak	167.00	200	Vertical	Pass
2**	4008.400	40.82	54.0	13.18	AV	167.00	200	Vertical	Pass
3	5512.400	96.05	--	--	Peak	42.00	100	Vertical	N/A
3**	5512.400	87.69	--	--	AV	42.00	100	Vertical	N/A
4	7497.375	50.40	74.0	23.60	Peak	41.00	300	Vertical	Pass
4**	7497.375	40.42	54.0	13.58	AV	41.00	300	Vertical	Pass
5	11332.625	52.61	74.0	21.39	Peak	126.00	100	Vertical	Pass
5**	11332.625	42.45	54.0	11.55	AV	126.00	100	Vertical	Pass
6	15843.299	55.00	74.0	19.00	Peak	236.00	400	Vertical	Pass
6**	15843.299	45.48	54.0	8.52	AV	236.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.700	39.48	74.0	34.52	Peak	209.00	100	Horizontal	Pass
1**	1525.700	29.28	54.0	24.72	AV	209.00	100	Horizontal	Pass
2	3726.800	49.78	74.0	24.22	Peak	121.00	150	Horizontal	Pass
2**	3726.800	44.72	54.0	9.28	AV	121.00	150	Horizontal	Pass
3	5591.600	109.95	--	--	Peak	98.00	150	Horizontal	N/A
3**	5591.600	101.10	--	--	AV	98.00	150	Horizontal	N/A
4	7445.338	50.08	74.0	23.92	Peak	56.00	300	Horizontal	Pass
4**	7445.338	41.97	54.0	12.03	AV	56.00	300	Horizontal	Pass
5	11822.812	52.16	74.0	21.84	Peak	6.00	100	Horizontal	Pass
5**	11822.812	42.37	54.0	11.63	AV	6.00	100	Horizontal	Pass
6	15819.412	55.07	74.0	18.93	Peak	309.00	200	Horizontal	Pass
6**	15819.412	45.47	54.0	8.53	AV	309.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.000	39.50	74.0	34.50	Peak	270.00	300	Vertical	Pass
1**	1623.000	29.57	54.0	24.43	AV	270.00	300	Vertical	Pass
2	4312.400	50.68	74.0	23.32	Peak	121.00	200	Vertical	Pass
2**	4312.400	40.14	54.0	13.86	AV	121.00	200	Vertical	Pass
3	5586.000	97.86	--	--	Peak	42.00	150	Vertical	N/A
3**	5586.000	89.77	--	--	AV	42.00	150	Vertical	N/A
4	7520.088	50.59	74.0	23.41	Peak	327.00	300	Vertical	Pass
4**	7520.088	41.12	54.0	12.88	AV	327.00	300	Vertical	Pass
5	10932.425	51.80	74.0	22.20	Peak	54.00	100	Vertical	Pass
5**	10932.425	42.51	54.0	11.49	AV	54.00	100	Vertical	Pass
6	16141.500	55.27	74.0	18.73	Peak	252.00	200	Vertical	Pass
6**	16141.500	45.78	54.0	8.22	AV	252.00	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	1536.300	39.01	74.0	34.99	Peak	137.00	300	Horizontal	Pass
1**	1536.300	29.60	54.0	24.40	AV	137.00	300	Horizontal	Pass
2	3971.400	50.07	74.0	23.93	Peak	292.00	200	Horizontal	Pass
2**	3971.400	39.87	54.0	14.13	AV	292.00	200	Horizontal	Pass
3	5671.800	105.52	--	--	Peak	99.00	150	Horizontal	N/A
3**	5671.800	97.46	--	--	AV	99.00	150	Horizontal	N/A
4	7489.325	49.91	74.0	24.09	Peak	90.00	400	Horizontal	Pass
4**	7489.325	40.60	54.0	13.40	AV	90.00	400	Horizontal	Pass
5	11943.850	52.05	74.0	21.95	Peak	294.00	100	Horizontal	Pass
5**	11943.850	42.65	54.0	11.35	AV	294.00	100	Horizontal	Pass
6	15523.049	54.67	74.0	19.33	Peak	153.00	100	Horizontal	Pass
6**	15523.049	46.10	54.0	7.90	AV	153.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.200	39.08	74.0	34.92	Peak	218.00	400	Vertical	Pass
1**	1551.200	28.91	54.0	25.09	AV	218.00	400	Vertical	Pass
2	4004.600	49.99	74.0	24.01	Peak	190.00	400	Vertical	Pass
2**	4004.600	40.10	54.0	13.90	AV	190.00	400	Vertical	Pass
3	5671.600	95.77	--	--	Peak	53.00	150	Vertical	N/A
3**	5671.600	86.99	--	--	AV	53.00	150	Vertical	N/A
4	7337.238	50.04	74.0	23.96	Peak	331.00	300	Vertical	Pass
4**	7337.238	40.95	54.0	13.05	AV	331.00	300	Vertical	Pass
5	10927.537	52.32	74.0	21.68	Peak	245.00	100	Vertical	Pass
5**	10927.537	42.88	54.0	11.12	AV	245.00	100	Vertical	Pass
6	15867.975	55.01	74.0	18.99	Peak	16.00	200	Vertical	Pass
6**	15867.975	44.93	54.0	9.07	AV	16.00	200	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	1562.700	39.50	74.0	34.50	Peak	357.00	400	Horizontal	Pass
1**	1562.700	29.05	54.0	24.95	AV	357.00	400	Horizontal	Pass
2	4396.400	50.16	74.0	23.84	Peak	360.00	300	Horizontal	Pass
2**	4396.400	41.08	54.0	12.92	AV	360.00	300	Horizontal	Pass
3	5501.400	110.98	--	--	Peak	98.00	200	Horizontal	N/A
3**	5501.400	104.08	--	--	AV	98.00	200	Horizontal	N/A
4	7428.375	50.32	74.0	23.68	Peak	311.00	300	Horizontal	Pass
4**	7428.375	41.06	54.0	12.94	AV	311.00	300	Horizontal	Pass
5	11321.987	51.97	74.0	22.03	Peak	226.00	150	Horizontal	Pass
5**	11321.987	42.61	54.0	11.39	AV	226.00	150	Horizontal	Pass
6	15817.050	54.87	74.0	19.13	Peak	329.00	200	Horizontal	Pass
6**	15817.050	46.10	54.0	7.90	AV	329.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.200	39.01	74.0	34.99	Peak	345.00	400	Vertical	Pass
1**	1582.200	29.77	54.0	24.23	AV	345.00	400	Vertical	Pass
2	4378.400	49.93	74.0	24.07	Peak	0.00	100	Vertical	Pass
2**	4378.400	41.76	54.0	12.24	AV	0.00	100	Vertical	Pass
3	5503.200	98.46	--	--	Peak	66.00	100	Vertical	N/A
3**	5503.200	91.24	--	--	AV	66.00	100	Vertical	N/A
4	7380.075	50.03	74.0	23.97	Peak	211.00	300	Vertical	Pass
4**	7380.075	40.56	54.0	13.44	AV	211.00	300	Vertical	Pass
5	12610.850	52.03	74.0	21.97	Peak	142.00	100	Vertical	Pass
5**	12610.850	42.34	54.0	11.66	AV	142.00	100	Vertical	Pass
6	16093.725	55.03	74.0	18.97	Peak	330.00	300	Vertical	Pass
6**	16093.725	45.36	54.0	8.64	AV	330.00	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	1488.300	39.20	74.0	34.80	Peak	243.00	100	Horizontal	Pass
1**	1488.300	30.08	54.0	23.92	AV	243.00	100	Horizontal	Pass
2	3720.000	48.63	74.0	25.37	Peak	90.00	150	Horizontal	Pass
2**	3720.000	44.66	54.0	9.34	AV	90.00	150	Horizontal	Pass
3	5581.200	111.45	--	--	Peak	90.00	200	Horizontal	N/A
3**	5581.200	104.51	--	--	AV	90.00	200	Horizontal	N/A
4	7442.462	49.80	74.0	24.20	Peak	313.00	400	Horizontal	Pass
4**	7442.462	41.19	54.0	12.81	AV	313.00	400	Horizontal	Pass
5	10921.787	52.10	74.0	21.90	Peak	109.00	150	Horizontal	Pass
5**	10921.787	43.15	54.0	10.85	AV	109.00	150	Horizontal	Pass
6	16101.599	55.11	74.0	18.89	Peak	152.00	300	Horizontal	Pass
6**	16101.599	45.97	54.0	8.03	AV	152.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.300	38.74	74.0	35.26	Peak	154.00	400	Vertical	Pass
1**	1559.300	29.64	54.0	24.36	AV	154.00	400	Vertical	Pass
2	4386.000	50.80	74.0	23.20	Peak	53.00	400	Vertical	Pass
2**	4386.000	41.77	54.0	12.23	AV	53.00	400	Vertical	Pass
3	5578.600	100.34	--	--	Peak	64.00	200	Vertical	N/A
3**	5578.600	92.13	--	--	AV	64.00	200	Vertical	N/A
4	7533.025	50.02	74.0	23.98	Peak	325.00	200	Vertical	Pass
4**	7533.025	40.71	54.0	13.29	AV	325.00	200	Vertical	Pass
5	10920.925	52.83	74.0	21.17	Peak	325.00	150	Vertical	Pass
5**	10920.925	43.06	54.0	10.94	AV	325.00	150	Vertical	Pass
6	15820.724	55.78	74.0	18.22	Peak	36.00	100	Vertical	Pass
6**	15820.724	45.35	54.0	8.65	AV	36.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.800	39.08	74.0	34.92	Peak	324.00	100	Horizontal	Pass
1**	1584.800	30.11	54.0	23.89	AV	324.00	100	Horizontal	Pass
2	3800.200	50.41	74.0	23.59	Peak	75.00	150	Horizontal	Pass
2**	3800.200	45.93	54.0	8.07	AV	75.00	150	Horizontal	Pass
3	5698.800	110.67	--	--	Peak	98.00	150	Horizontal	N/A
3**	5698.800	102.87	--	--	AV	98.00	150	Horizontal	N/A
4	7449.362	50.68	74.0	23.32	Peak	346.00	400	Horizontal	Pass
4**	7449.362	41.79	54.0	12.21	AV	346.00	400	Horizontal	Pass
5	12612.000	52.56	74.0	21.44	Peak	329.00	100	Horizontal	Pass
5**	12612.000	42.90	54.0	11.10	AV	329.00	100	Horizontal	Pass
6	16139.924	54.57	74.0	19.43	Peak	75.00	400	Horizontal	Pass
6**	16139.924	45.37	54.0	8.63	AV	75.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.300	39.05	74.0	34.95	Peak	175.00	100	Vertical	Pass
1**	1541.300	29.62	54.0	24.38	AV	175.00	100	Vertical	Pass
2	4186.600	49.74	74.0	24.26	Peak	360.00	200	Vertical	Pass
2**	4186.600	40.42	54.0	13.58	AV	360.00	200	Vertical	Pass
3	5698.600	99.59	--	--	Peak	42.00	100	Vertical	N/A
3**	5698.600	92.33	--	--	AV	42.00	100	Vertical	N/A
4	7453.962	50.56	74.0	23.44	Peak	108.00	100	Vertical	Pass
4**	7453.962	41.28	54.0	12.72	AV	108.00	100	Vertical	Pass
5	11324.287	52.44	74.0	21.56	Peak	0.00	150	Vertical	Pass
5**	11324.287	42.22	54.0	11.78	AV	0.00	150	Vertical	Pass
6	15858.525	55.00	74.0	19.00	Peak	55.00	200	Vertical	Pass
6**	15858.525	45.21	54.0	8.79	AV	55.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	39.17	74.0	34.83	Peak	251.00	100	Horizontal	Pass
1**	1485.200	29.87	54.0	24.13	AV	251.00	100	Horizontal	Pass
2	4052.400	50.59	74.0	23.41	Peak	245.00	100	Horizontal	Pass
2**	4052.400	40.19	54.0	13.81	AV	245.00	100	Horizontal	Pass
3	5501.000	107.35	--	--	Peak	99.00	200	Horizontal	N/A
3**	5501.000	99.21	--	--	AV	99.00	200	Horizontal	N/A
4	7464.600	49.86	74.0	24.14	Peak	262.00	100	Horizontal	Pass
4**	7464.600	40.94	54.0	13.06	AV	262.00	100	Horizontal	Pass
5	11356.200	51.83	74.0	22.17	Peak	194.00	100	Horizontal	Pass
5**	11356.200	44.52	54.0	9.48	AV	194.00	100	Horizontal	Pass
6	15508.875	54.54	74.0	19.46	Peak	288.00	100	Horizontal	Pass
6**	15508.875	45.37	54.0	8.63	AV	288.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.600	38.93	74.0	35.07	Peak	0.00	300	Vertical	Pass
1**	1500.600	29.53	54.0	24.47	AV	0.00	300	Vertical	Pass
2	4381.800	50.35	74.0	23.65	Peak	256.00	100	Vertical	Pass
2**	4381.800	42.16	54.0	11.84	AV	256.00	100	Vertical	Pass
3	5511.800	96.41	--	--	Peak	43.00	100	Vertical	N/A
3**	5511.800	88.51	--	--	AV	43.00	100	Vertical	N/A
4	7433.550	50.37	74.0	23.63	Peak	346.00	300	Vertical	Pass
4**	7433.550	41.45	54.0	12.55	AV	346.00	300	Vertical	Pass
5	12498.437	52.32	74.0	21.68	Peak	107.00	150	Vertical	Pass
5**	12498.437	42.42	54.0	11.58	AV	107.00	150	Vertical	Pass
6	15557.963	54.91	74.0	19.09	Peak	152.00	200	Vertical	Pass
6**	15557.963	44.72	54.0	9.28	AV	152.00	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	1462.100	38.55	74.0	35.45	Peak	283.00	300	Horizontal	Pass
1**	1462.100	29.39	54.0	24.61	AV	283.00	300	Horizontal	Pass
2	3726.800	49.86	74.0	24.14	Peak	120.00	150	Horizontal	Pass
2**	3726.800	44.94	54.0	9.06	AV	120.00	150	Horizontal	Pass
3	5591.600	109.30	--	--	Peak	99.00	150	Horizontal	N/A
3**	5591.600	101.48	--	--	AV	99.00	150	Horizontal	N/A
4	7451.950	50.62	74.0	23.38	Peak	23.00	300	Horizontal	Pass
4**	7451.950	41.59	54.0	12.41	AV	23.00	300	Horizontal	Pass
5	11325.150	52.22	74.0	21.78	Peak	360.00	150	Horizontal	Pass
5**	11325.150	42.53	54.0	11.47	AV	360.00	150	Horizontal	Pass
6	15659.025	54.69	74.0	19.31	Peak	96.00	100	Horizontal	Pass
6**	15659.025	45.59	54.0	8.41	AV	96.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.200	38.88	74.0	35.12	Peak	328.00	400	Vertical	Pass
1**	1536.200	30.07	54.0	23.93	AV	328.00	400	Vertical	Pass
2	4120.000	50.13	74.0	23.87	Peak	87.00	100	Vertical	Pass
2**	4120.000	40.97	54.0	13.03	AV	87.00	100	Vertical	Pass
3	5587.400	97.41	--	--	Peak	42.00	200	Vertical	N/A
3**	5587.400	89.44	--	--	AV	42.00	200	Vertical	N/A
4	7498.525	49.88	74.0	24.12	Peak	22.00	200	Vertical	Pass
4**	7498.525	40.40	54.0	13.60	AV	22.00	200	Vertical	Pass
5	10930.987	52.20	74.0	21.80	Peak	39.00	150	Vertical	Pass
5**	10930.987	43.08	54.0	10.92	AV	39.00	150	Vertical	Pass
6	15815.737	54.53	74.0	19.47	Peak	37.00	200	Vertical	Pass
6**	15815.737	45.95	54.0	8.05	AV	37.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.800	39.58	74.0	34.42	Peak	308.00	100	Horizontal	Pass
1**	1514.800	30.19	54.0	23.81	AV	308.00	100	Horizontal	Pass
2	3779.800	50.30	74.0	23.70	Peak	109.00	300	Horizontal	Pass
2**	3779.800	43.15	54.0	10.85	AV	109.00	300	Horizontal	Pass
3	5666.800	104.97	--	--	Peak	98.00	100	Horizontal	N/A
3**	5666.800	96.77	--	--	AV	98.00	100	Horizontal	N/A
4	7510.888	50.02	74.0	23.98	Peak	191.00	300	Horizontal	Pass
4**	7510.888	41.34	54.0	12.66	AV	191.00	300	Horizontal	Pass
5	12582.100	52.18	74.0	21.82	Peak	88.00	150	Horizontal	Pass
5**	12582.100	42.50	54.0	11.50	AV	88.00	150	Horizontal	Pass
6	15800.513	54.63	74.0	19.37	Peak	153.00	200	Horizontal	Pass
6**	15800.513	44.51	54.0	9.49	AV	153.00	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	1623.500	39.05	74.0	34.95	Peak	281.00	400	Vertical	Pass
1**	1623.500	29.93	54.0	24.07	AV	281.00	400	Vertical	Pass
2	3966.600	50.45	74.0	23.55	Peak	199.00	200	Vertical	Pass
2**	3966.600	40.84	54.0	13.16	AV	199.00	200	Vertical	Pass
3	5664.800	95.59	--	--	Peak	53.00	100	Vertical	N/A
3**	5664.800	87.39	--	--	AV	53.00	100	Vertical	N/A
4	7448.212	50.81	74.0	23.19	Peak	105.00	100	Vertical	Pass
4**	7448.212	41.49	54.0	12.51	AV	105.00	100	Vertical	Pass
5	10927.537	52.06	74.0	21.94	Peak	191.00	200	Vertical	Pass
5**	10927.537	43.54	54.0	10.46	AV	191.00	200	Vertical	Pass
6	15487.088	55.63	74.0	18.37	Peak	94.00	300	Vertical	Pass
6**	15487.088	44.70	54.0	9.30	AV	94.00	300	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	1536.500	38.76	74.0	35.24	Peak	47.00	400	Horizontal	Pass
1**	1536.500	29.43	54.0	24.57	AV	47.00	400	Horizontal	Pass
2	4391.200	50.28	74.0	23.72	Peak	0.00	300	Horizontal	Pass
2**	4391.200	41.53	54.0	12.47	AV	0.00	300	Horizontal	Pass
3	5525.200	104.98	--	--	Peak	98.00	100	Horizontal	N/A
3**	5525.200	95.98	--	--	AV	98.00	100	Horizontal	N/A
4	7450.800	49.85	74.0	24.15	Peak	160.00	200	Horizontal	Pass
4**	7450.800	41.16	54.0	12.84	AV	160.00	200	Horizontal	Pass
5	11316.813	51.99	74.0	22.01	Peak	92.00	200	Horizontal	Pass
5**	11316.813	41.90	54.0	12.10	AV	92.00	200	Horizontal	Pass
6	15504.675	55.21	74.0	18.79	Peak	193.00	200	Horizontal	Pass
6**	15504.675	45.39	54.0	8.61	AV	193.00	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	1590.200	39.25	74.0	34.75	Peak	42.00	100	Vertical	Pass
1**	1590.200	29.45	54.0	24.55	AV	42.00	100	Vertical	Pass
2	4008.200	50.42	74.0	23.58	Peak	8.00	200	Vertical	Pass
2**	4008.200	40.95	54.0	13.05	AV	8.00	200	Vertical	Pass
3	5536.600	94.15	--	--	Peak	65.00	150	Vertical	N/A
3**	5536.600	86.69	--	--	AV	65.00	150	Vertical	N/A
4	7385.538	50.06	74.0	23.94	Peak	279.00	200	Vertical	Pass
4**	7385.538	40.89	54.0	13.11	AV	279.00	200	Vertical	Pass
5	12216.401	51.85	74.0	22.15	Peak	262.00	200	Vertical	Pass
5**	12216.401	41.52	54.0	12.48	AV	262.00	200	Vertical	Pass
6	16096.612	55.75	74.0	18.25	Peak	293.00	400	Vertical	Pass
6**	16096.612	45.77	54.0	8.23	AV	293.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.200	39.08	74.0	34.92	Peak	143.00	200	Horizontal	Pass
1**	1454.200	29.42	54.0	24.58	AV	143.00	200	Horizontal	Pass
2	3740.000	49.04	74.0	24.96	Peak	112.00	150	Horizontal	Pass
2**	3740.000	44.54	54.0	9.46	AV	112.00	150	Horizontal	Pass
3	5604.000	104.07	--	--	Peak	100.00	100	Horizontal	N/A
3**	5604.000	96.48	--	--	AV	100.00	100	Horizontal	N/A
4	7687.413	50.29	74.0	23.71	Peak	0.00	200	Horizontal	Pass
4**	7687.413	41.26	54.0	12.74	AV	0.00	200	Horizontal	Pass
5	12517.412	52.11	74.0	21.89	Peak	56.00	150	Horizontal	Pass
5**	12517.412	42.21	54.0	11.79	AV	56.00	150	Horizontal	Pass
6	16089.787	54.61	74.0	19.39	Peak	0.00	400	Horizontal	Pass
6**	16089.787	45.63	54.0	8.37	AV	0.00	400	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	1504.500	39.04	74.0	34.96	Peak	8.00	400	Vertical	Pass
1**	1504.500	29.10	54.0	24.90	AV	8.00	400	Vertical	Pass
2	4176.000	49.94	74.0	24.06	Peak	304.00	300	Vertical	Pass
2**	4176.000	41.36	54.0	12.64	AV	304.00	300	Vertical	Pass
3	5603.600	92.14	--	--	Peak	88.00	100	Vertical	N/A
3**	5603.600	84.36	--	--	AV	88.00	100	Vertical	N/A
4	7436.712	49.63	74.0	24.37	Peak	262.00	200	Vertical	Pass
4**	7436.712	40.70	54.0	13.30	AV	262.00	200	Vertical	Pass
5	11929.763	52.14	74.0	21.86	Peak	42.00	100	Vertical	Pass
5**	11929.763	42.35	54.0	11.65	AV	42.00	100	Vertical	Pass
6	15825.974	55.39	74.0	18.61	Peak	190.00	100	Vertical	Pass
6**	15825.974	45.62	54.0	8.38	AV	190.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.900	38.72	74.0	35.28	Peak	7.00	400	Horizontal	Pass
1**	1487.900	30.05	54.0	23.95	AV	7.00	400	Horizontal	Pass
2	3830.200	50.04	74.0	23.96	Peak	77.00	150	Horizontal	Pass
2**	3830.200	46.32	54.0	7.68	AV	77.00	150	Horizontal	Pass
3	5748.000	113.40	--	--	Peak	99.00	150	Horizontal	N/A
3**	5748.000	105.58	--	--	AV	99.00	150	Horizontal	N/A
4	7455.688	51.02	74.0	22.98	Peak	313.00	200	Horizontal	Pass
4**	7455.688	41.06	54.0	12.94	AV	313.00	200	Horizontal	Pass
5	10926.675	51.83	74.0	22.17	Peak	329.00	100	Horizontal	Pass
5**	10926.675	44.06	54.0	9.94	AV	329.00	100	Horizontal	Pass
6	16106.588	55.38	74.0	18.62	Peak	36.00	100	Horizontal	Pass
6**	16106.588	45.36	54.0	8.64	AV	36.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.300	39.09	74.0	34.91	Peak	160.00	300	Vertical	Pass
1**	1515.300	29.72	54.0	24.28	AV	160.00	300	Vertical	Pass
2	4300.800	50.85	74.0	23.15	Peak	351.00	400	Vertical	Pass
2**	4300.800	40.75	54.0	13.25	AV	351.00	400	Vertical	Pass
3	5744.400	103.15	--	--	Peak	42.00	150	Vertical	N/A
3**	5744.400	96.10	--	--	AV	42.00	150	Vertical	N/A
4	7459.425	50.19	74.0	23.81	Peak	211.00	200	Vertical	Pass
4**	7459.425	40.89	54.0	13.11	AV	211.00	200	Vertical	Pass
5	11823.674	51.95	74.0	22.05	Peak	245.00	200	Vertical	Pass
5**	11823.674	42.00	54.0	12.00	AV	245.00	200	Vertical	Pass
6	15858.787	55.01	74.0	18.99	Peak	171.00	200	Vertical	Pass
6**	15858.787	45.33	54.0	8.67	AV	171.00	200	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	1595.700	39.21	74.0	34.79	Peak	289.00	300	Horizontal	Pass
1**	1595.700	29.20	54.0	24.80	AV	289.00	300	Horizontal	Pass
2	3857.000	49.70	74.0	24.30	Peak	109.00	150	Horizontal	Pass
2**	3857.000	46.52	54.0	7.48	AV	109.00	150	Horizontal	Pass
3	5783.400	113.67	--	--	Peak	99.00	100	Horizontal	N/A
3**	5783.400	105.73	--	--	AV	99.00	100	Horizontal	N/A
4	7455.112	50.38	74.0	23.62	Peak	40.00	300	Horizontal	Pass
4**	7455.112	40.92	54.0	13.08	AV	40.00	300	Horizontal	Pass
5	10918.050	52.21	74.0	21.79	Peak	193.00	100	Horizontal	Pass
5**	10918.050	42.66	54.0	11.34	AV	193.00	100	Horizontal	Pass
6	15833.850	54.60	74.0	19.40	Peak	16.00	400	Horizontal	Pass
6**	15833.850	45.37	54.0	8.63	AV	16.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.800	39.08	74.0	34.92	Peak	160.00	300	Vertical	Pass
1**	1442.800	29.34	54.0	24.66	AV	160.00	300	Vertical	Pass
2	4321.400	50.36	74.0	23.64	Peak	212.00	300	Vertical	Pass
2**	4321.400	41.54	54.0	12.46	AV	212.00	300	Vertical	Pass
3	5781.200	102.18	--	--	Peak	42.00	100	Vertical	N/A
3**	5781.200	94.76	--	--	AV	42.00	100	Vertical	N/A
4	7435.562	50.47	74.0	23.53	Peak	346.00	300	Vertical	Pass
4**	7435.562	40.78	54.0	13.22	AV	346.00	300	Vertical	Pass
5	10924.662	51.75	74.0	22.25	Peak	71.00	100	Vertical	Pass
5**	10924.662	43.08	54.0	10.92	AV	71.00	100	Vertical	Pass
6	15817.312	54.57	74.0	19.43	Peak	171.00	400	Vertical	Pass
6**	15817.312	45.38	54.0	8.62	AV	171.00	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	1583.900	38.79	74.0	35.21	Peak	256.00	400	Horizontal	Pass
1**	1583.900	30.01	54.0	23.99	AV	256.00	400	Horizontal	Pass
2	3883.600	49.58	74.0	24.42	Peak	86.00	150	Horizontal	Pass
2**	3883.600	47.38	54.0	6.62	AV	86.00	150	Horizontal	Pass
3	5821.400	113.30	--	--	Peak	98.00	200	Horizontal	N/A
3**	5821.400	105.55	--	--	AV	98.00	200	Horizontal	N/A
4	7507.438	51.50	74.0	22.50	Peak	108.00	400	Horizontal	Pass
4**	7507.438	41.29	54.0	12.71	AV	108.00	400	Horizontal	Pass
5	10926.387	51.84	74.0	22.16	Peak	124.00	100	Horizontal	Pass
5**	10926.387	43.05	54.0	10.95	AV	124.00	100	Horizontal	Pass
6	15521.475	55.21	74.0	18.79	Peak	350.00	100	Horizontal	Pass
6**	15521.475	46.10	54.0	7.90	AV	350.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.700	39.16	74.0	34.84	Peak	349.00	200	Vertical	Pass
1**	1535.700	29.62	54.0	24.38	AV	349.00	200	Vertical	Pass
2	4386.000	50.25	74.0	23.75	Peak	186.00	400	Vertical	Pass
2**	4386.000	41.26	54.0	12.74	AV	186.00	400	Vertical	Pass
3	5823.600	104.08	--	--	Peak	51.00	100	Vertical	N/A
3**	5823.600	96.60	--	--	AV	51.00	100	Vertical	N/A
4	7519.225	49.96	74.0	24.04	Peak	138.00	200	Vertical	Pass
4**	7519.225	40.37	54.0	13.63	AV	138.00	200	Vertical	Pass
5	10919.200	51.94	74.0	22.06	Peak	0.00	150	Vertical	Pass
5**	10919.200	43.40	54.0	10.60	AV	0.00	150	Vertical	Pass
6	15850.912	54.79	74.0	19.21	Peak	74.00	400	Vertical	Pass
6**	15850.912	45.78	54.0	8.22	AV	74.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.000	39.64	74.0	34.36	Peak	16.00	200	Horizontal	Pass
1**	1583.000	29.47	54.0	24.53	AV	16.00	200	Horizontal	Pass
2	3830.000	49.57	74.0	24.43	Peak	76.00	150	Horizontal	Pass
2**	3830.000	46.32	54.0	7.68	AV	76.00	150	Horizontal	Pass
3	5746.000	112.90	--	--	Peak	99.00	150	Horizontal	N/A
3**	5746.000	105.84	--	--	AV	99.00	150	Horizontal	N/A
4	7443.038	49.84	74.0	24.16	Peak	59.00	300	Horizontal	Pass
4**	7443.038	41.48	54.0	12.52	AV	59.00	300	Horizontal	Pass
5	12580.088	52.17	74.0	21.83	Peak	246.00	150	Horizontal	Pass
5**	12580.088	43.04	54.0	10.96	AV	246.00	150	Horizontal	Pass
6	15823.088	55.26	74.0	18.74	Peak	360.00	100	Horizontal	Pass
6**	15823.088	45.19	54.0	8.81	AV	360.00	100	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	1491.200	38.62	74.0	35.38	Peak	235.00	100	Vertical	Pass
1**	1491.200	29.30	54.0	24.70	AV	235.00	100	Vertical	Pass
2	4009.600	50.23	74.0	23.77	Peak	234.00	100	Vertical	Pass
2**	4009.600	39.89	54.0	14.11	AV	234.00	100	Vertical	Pass
3	5743.800	103.34	--	--	Peak	41.00	100	Vertical	N/A
3**	5743.800	94.82	--	--	AV	41.00	100	Vertical	N/A
4	7379.788	50.37	74.0	23.63	Peak	191.00	400	Vertical	Pass
4**	7379.788	41.16	54.0	12.84	AV	191.00	400	Vertical	Pass
5	12482.338	52.32	74.0	21.68	Peak	209.00	200	Vertical	Pass
5**	12482.338	41.66	54.0	12.34	AV	209.00	200	Vertical	Pass
6	16176.412	55.04	74.0	18.96	Peak	93.00	400	Vertical	Pass
6**	16176.412	45.05	54.0	8.95	AV	93.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	38.84	74.0	35.16	Peak	144.00	200	Horizontal	Pass
1**	1596.500	29.74	54.0	24.26	AV	144.00	200	Horizontal	Pass
2	3856.800	51.00	74.0	23.00	Peak	74.00	150	Horizontal	Pass
2**	3856.800	46.20	54.0	7.80	AV	74.00	150	Horizontal	Pass
3	5783.600	112.65	--	--	Peak	97.00	200	Horizontal	N/A
3**	5783.600	105.61	--	--	AV	97.00	200	Horizontal	N/A
4	7452.525	50.24	74.0	23.76	Peak	0.00	200	Horizontal	Pass
4**	7452.525	41.34	54.0	12.66	AV	0.00	200	Horizontal	Pass
5	12323.063	52.09	74.0	21.91	Peak	191.00	150	Horizontal	Pass
5**	12323.063	41.49	54.0	12.51	AV	191.00	150	Horizontal	Pass
6	16133.625	54.97	74.0	19.03	Peak	55.00	400	Horizontal	Pass
6**	16133.625	45.22	54.0	8.78	AV	55.00	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	1485.600	39.49	74.0	34.51	Peak	121.00	100	Vertical	Pass
1**	1485.600	30.20	54.0	23.80	AV	121.00	100	Vertical	Pass
2	4386.800	50.03	74.0	23.97	Peak	190.00	300	Vertical	Pass
2**	4386.800	41.47	54.0	12.53	AV	190.00	300	Vertical	Pass
3	5784.200	102.41	--	--	Peak	42.00	150	Vertical	N/A
3**	5784.200	94.31	--	--	AV	42.00	150	Vertical	N/A
4	7510.312	50.16	74.0	23.84	Peak	5.00	100	Vertical	Pass
4**	7510.312	41.36	54.0	12.64	AV	5.00	100	Vertical	Pass
5	11944.424	52.11	74.0	21.89	Peak	311.00	200	Vertical	Pass
5**	11944.424	44.27	54.0	9.73	AV	311.00	200	Vertical	Pass
6	15834.637	54.80	74.0	19.20	Peak	360.00	300	Vertical	Pass
6**	15834.637	45.09	54.0	8.91	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.500	39.43	74.0	34.57	Peak	48.00	300	Horizontal	Pass
1**	1562.500	29.96	54.0	24.04	AV	48.00	300	Horizontal	Pass
2	3883.600	50.04	74.0	23.96	Peak	80.00	150	Horizontal	Pass
2**	3883.600	47.05	54.0	6.95	AV	80.00	150	Horizontal	Pass
3	5825.800	112.54	--	--	Peak	91.00	150	Horizontal	N/A
3**	5825.800	104.89	--	--	AV	91.00	150	Horizontal	N/A
4	7620.712	49.81	74.0	24.19	Peak	36.00	400	Horizontal	Pass
4**	7620.712	40.33	54.0	13.67	AV	36.00	400	Horizontal	Pass
5	10927.250	51.75	74.0	22.25	Peak	87.00	100	Horizontal	Pass
5**	10927.250	42.97	54.0	11.03	AV	87.00	100	Horizontal	Pass
6	15814.162	54.97	74.0	19.03	Peak	155.00	200	Horizontal	Pass
6**	15814.162	45.43	54.0	8.57	AV	155.00	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	1504.500	39.10	74.0	34.90	Peak	152.00	200	Vertical	Pass
1**	1504.500	29.55	54.0	24.45	AV	152.00	200	Vertical	Pass
2	3719.800	49.99	74.0	24.01	Peak	292.00	400	Vertical	Pass
2**	3719.800	40.05	54.0	13.95	AV	292.00	400	Vertical	Pass
3	5826.200	102.34	--	--	Peak	43.00	100	Vertical	N/A
3**	5826.200	94.89	--	--	AV	43.00	100	Vertical	N/A
4	7547.112	50.06	74.0	23.94	Peak	261.00	200	Vertical	Pass
4**	7547.112	40.66	54.0	13.34	AV	261.00	200	Vertical	Pass
5	11837.187	51.95	74.0	22.05	Peak	123.00	100	Vertical	Pass
5**	11837.187	41.93	54.0	12.07	AV	123.00	100	Vertical	Pass
6	15520.425	55.02	74.0	18.98	Peak	252.00	400	Vertical	Pass
6**	15520.425	45.72	54.0	8.28	AV	252.00	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	1508.300	38.49	74.0	35.51	Peak	159.00	400	Horizontal	Pass
1**	1508.300	29.28	54.0	24.72	AV	159.00	400	Horizontal	Pass
2	3837.000	49.89	74.0	24.11	Peak	110.00	150	Horizontal	Pass
2**	3837.000	46.11	54.0	7.89	AV	110.00	150	Horizontal	Pass
3	5758.800	109.44	--	--	Peak	99.00	200	Horizontal	N/A
3**	5758.800	102.04	--	--	AV	99.00	200	Horizontal	N/A
4	7571.837	50.69	74.0	23.31	Peak	296.00	200	Horizontal	Pass
4**	7571.837	39.83	54.0	14.17	AV	296.00	200	Horizontal	Pass
5	12487.800	51.82	74.0	22.18	Peak	195.00	200	Horizontal	Pass
5**	12487.800	42.86	54.0	11.14	AV	195.00	200	Horizontal	Pass
6	16091.888	55.20	74.0	18.80	Peak	360.00	300	Horizontal	Pass
6**	16091.888	45.38	54.0	8.62	AV	360.00	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	1573.000	38.88	74.0	35.12	Peak	357.00	100	Vertical	Pass
1**	1573.000	29.14	54.0	24.86	AV	357.00	100	Vertical	Pass
2	4191.800	50.02	74.0	23.98	Peak	247.00	400	Vertical	Pass
2**	4191.800	40.12	54.0	13.88	AV	247.00	400	Vertical	Pass
3	5745.000	98.57	--	--	Peak	42.00	150	Vertical	N/A
3**	5745.000	91.71	--	--	AV	42.00	150	Vertical	N/A
4	7305.612	50.13	74.0	23.87	Peak	0.00	100	Vertical	Pass
4**	7305.612	40.31	54.0	13.69	AV	0.00	100	Vertical	Pass
5	10912.874	52.06	74.0	21.94	Peak	261.00	100	Vertical	Pass
5**	10912.874	43.04	54.0	10.96	AV	261.00	100	Vertical	Pass
6	16091.888	55.17	74.0	18.83	Peak	16.00	200	Vertical	Pass
6**	16091.888	46.16	54.0	7.84	AV	16.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.200	38.63	74.0	35.37	Peak	286.00	100	Horizontal	Pass
1**	1481.200	29.36	54.0	24.64	AV	286.00	100	Horizontal	Pass
2	3863.200	50.48	74.0	23.52	Peak	110.00	400	Horizontal	Pass
2**	3863.200	45.72	54.0	8.28	AV	110.00	400	Horizontal	Pass
3	5808.000	108.46	--	--	Peak	99.00	150	Horizontal	N/A
3**	5808.000	100.05	--	--	AV	99.00	150	Horizontal	N/A
4	7501.112	50.33	74.0	23.67	Peak	229.00	400	Horizontal	Pass
4**	7501.112	41.44	54.0	12.56	AV	229.00	400	Horizontal	Pass
5	11776.525	51.88	74.0	22.12	Peak	212.00	200	Horizontal	Pass
5**	11776.525	42.12	54.0	11.88	AV	212.00	200	Horizontal	Pass
6	16100.813	54.58	74.0	19.42	Peak	37.00	100	Horizontal	Pass
6**	16100.813	44.91	54.0	9.09	AV	37.00	100	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	1621.800	39.26	74.0	34.74	Peak	38.00	200	Vertical	Pass
1**	1621.800	29.70	54.0	24.30	AV	38.00	200	Vertical	Pass
2	3993.000	49.98	74.0	24.02	Peak	273.00	400	Vertical	Pass
2**	3993.000	40.55	54.0	13.45	AV	273.00	400	Vertical	Pass
3	5811.800	97.86	--	--	Peak	77.00	150	Vertical	N/A
3**	5811.800	90.60	--	--	AV	77.00	150	Vertical	N/A
4	7581.038	50.52	74.0	23.48	Peak	211.00	200	Vertical	Pass
4**	7581.038	39.90	54.0	14.10	AV	211.00	200	Vertical	Pass
5	11951.325	51.39	74.0	22.61	Peak	296.00	200	Vertical	Pass
5**	11951.325	42.79	54.0	11.21	AV	296.00	200	Vertical	Pass
6	15522.787	54.18	74.0	19.82	Peak	35.00	300	Vertical	Pass
6**	15522.787	45.13	54.0	8.87	AV	35.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.100	39.05	74.0	34.95	Peak	309.00	400	Horizontal	Pass
1**	1482.100	29.95	54.0	24.05	AV	309.00	400	Horizontal	Pass
2	3830.200	49.13	74.0	24.87	Peak	111.00	150	Horizontal	Pass
2**	3830.200	46.00	54.0	8.00	AV	111.00	150	Horizontal	Pass
3	5744.000	112.23	--	--	Peak	99.00	100	Horizontal	N/A
3**	5744.000	105.23	--	--	AV	99.00	100	Horizontal	N/A
4	7503.125	50.77	74.0	23.23	Peak	345.00	200	Horizontal	Pass
4**	7503.125	40.99	54.0	13.01	AV	345.00	200	Horizontal	Pass
5	11909.063	52.24	74.0	21.76	Peak	39.00	100	Horizontal	Pass
5**	11909.063	42.51	54.0	11.49	AV	39.00	100	Horizontal	Pass
6	15699.974	54.68	74.0	19.32	Peak	0.00	200	Horizontal	Pass
6**	15699.974	44.89	54.0	9.11	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	39.05	74.0	34.95	Peak	205.00	100	Vertical	Pass
1**	1495.500	29.37	54.0	24.63	AV	205.00	100	Vertical	Pass
2	3830.400	47.77	74.0	26.23	Peak	240.00	150	Vertical	Pass
2**	3830.400	43.42	54.0	10.58	AV	240.00	150	Vertical	Pass
3	5741.800	102.28	--	--	Peak	45.00	100	Vertical	N/A
3**	5741.800	94.44	--	--	AV	45.00	100	Vertical	N/A
4	7554.875	50.40	74.0	23.60	Peak	0.00	300	Vertical	Pass
4**	7554.875	40.97	54.0	13.03	AV	0.00	300	Vertical	Pass
5	12327.088	52.71	74.0	21.29	Peak	295.00	100	Vertical	Pass
5**	12327.088	42.76	54.0	11.24	AV	295.00	100	Vertical	Pass
6	15809.700	55.15	74.0	18.85	Peak	360.00	300	Vertical	Pass
6**	15809.700	46.25	54.0	7.75	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.000	38.92	74.0	35.08	Peak	238.00	300	Horizontal	Pass
1**	1601.000	28.70	54.0	25.30	AV	238.00	300	Horizontal	Pass
2	5783.800	112.35	--	--	Peak	92.00	100	Horizontal	N/A
2**	5783.800	106.08	--	--	AV	92.00	100	Horizontal	N/A
3	7434.988	50.42	74.0	23.58	Peak	224.00	100	Horizontal	Pass
3**	7434.988	41.71	54.0	12.29	AV	224.00	100	Horizontal	Pass
4	10925.237	51.86	74.0	22.14	Peak	38.00	150	Horizontal	Pass
4**	10925.237	43.76	54.0	10.24	AV	38.00	150	Horizontal	Pass
5	16137.037	55.01	74.0	18.99	Peak	76.00	200	Horizontal	Pass
5**	16137.037	44.83	54.0	9.17	AV	76.00	200	Horizontal	Pass
6	3857.000	49.27	74.0	24.73	Peak	104.00	150	Horizontal	Pass
6**	3857.000	46.96	54.0	7.04	AV	104.00	150	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	1489.000	39.61	74.0	34.39	Peak	53.00	100	Vertical	Pass
1**	1489.000	30.59	54.0	23.41	AV	53.00	100	Vertical	Pass
2	3739.800	50.21	74.0	23.79	Peak	167.00	100	Vertical	Pass
2**	3739.800	40.04	54.0	13.96	AV	167.00	100	Vertical	Pass
3	5786.000	102.35	--	--	Peak	42.00	150	Vertical	N/A
3**	5786.000	95.70	--	--	AV	42.00	150	Vertical	N/A
4	7436.425	50.42	74.0	23.58	Peak	159.00	200	Vertical	Pass
4**	7436.425	42.16	54.0	11.84	AV	159.00	200	Vertical	Pass
5	11811.888	51.70	74.0	22.30	Peak	329.00	100	Vertical	Pass
5**	11811.888	41.72	54.0	12.28	AV	329.00	100	Vertical	Pass
6	15815.999	55.04	74.0	18.96	Peak	234.00	200	Vertical	Pass
6**	15815.999	46.24	54.0	7.76	AV	234.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.000	38.84	74.0	35.16	Peak	107.00	400	Horizontal	Pass
1**	1549.000	28.18	54.0	25.82	AV	107.00	400	Horizontal	Pass
2	3883.600	50.79	74.0	23.21	Peak	109.00	150	Horizontal	Pass
2**	3883.600	47.90	54.0	6.10	AV	109.00	150	Horizontal	Pass
3	5826.000	112.55	--	--	Peak	98.00	150	Horizontal	N/A
3**	5826.000	105.86	--	--	AV	98.00	150	Horizontal	N/A
4	7332.925	50.11	74.0	23.89	Peak	276.00	400	Horizontal	Pass
4**	7332.925	41.56	54.0	12.44	AV	276.00	400	Horizontal	Pass
5	10920.350	52.35	74.0	21.65	Peak	106.00	150	Horizontal	Pass
5**	10920.350	42.59	54.0	11.41	AV	106.00	150	Horizontal	Pass
6	16091.362	54.56	74.0	19.44	Peak	155.00	200	Horizontal	Pass
6**	16091.362	45.90	54.0	8.10	AV	155.00	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	1597.300	38.93	74.0	35.07	Peak	39.00	200	Vertical	Pass
1**	1597.300	29.66	54.0	24.34	AV	39.00	200	Vertical	Pass
2	3964.200	50.14	74.0	23.86	Peak	19.00	400	Vertical	Pass
2**	3964.200	40.63	54.0	13.37	AV	19.00	400	Vertical	Pass
3	5823.400	102.12	--	--	Peak	41.00	100	Vertical	N/A
3**	5823.400	94.26	--	--	AV	41.00	100	Vertical	N/A
4	7456.550	50.71	74.0	23.29	Peak	35.00	300	Vertical	Pass
4**	7456.550	40.16	54.0	13.84	AV	35.00	300	Vertical	Pass
5	11840.638	52.07	74.0	21.93	Peak	295.00	100	Vertical	Pass
5**	11840.638	42.83	54.0	11.17	AV	295.00	100	Vertical	Pass
6	15561.900	54.37	74.0	19.63	Peak	178.00	400	Vertical	Pass
6**	15561.900	45.02	54.0	8.98	AV	178.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.600	38.77	74.0	35.23	Peak	35.00	300	Horizontal	Pass
1**	1458.600	30.21	54.0	23.79	AV	35.00	300	Horizontal	Pass
2	4230.000	50.53	74.0	23.47	Peak	360.00	100	Horizontal	Pass
2**	4230.000	40.17	54.0	13.83	AV	360.00	100	Horizontal	Pass
3	5756.600	109.49	--	--	Peak	99.00	150	Horizontal	N/A
3**	5756.600	101.10	--	--	AV	99.00	150	Horizontal	N/A
4	7554.875	49.71	74.0	24.29	Peak	21.00	400	Horizontal	Pass
4**	7554.875	40.01	54.0	13.99	AV	21.00	400	Horizontal	Pass
5	12010.263	51.64	74.0	22.36	Peak	227.00	150	Horizontal	Pass
5**	12010.263	41.20	54.0	12.80	AV	227.00	150	Horizontal	Pass
6	16103.963	55.44	74.0	18.56	Peak	249.00	100	Horizontal	Pass
6**	16103.963	45.21	54.0	8.79	AV	249.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.700	38.86	74.0	35.14	Peak	135.00	400	Vertical	Pass
1**	1487.700	29.48	54.0	24.52	AV	135.00	400	Vertical	Pass
2	3736.800	50.15	74.0	23.85	Peak	0.00	100	Vertical	Pass
2**	3736.800	40.37	54.0	13.63	AV	0.00	100	Vertical	Pass
3	5752.200	98.78	--	--	Peak	44.00	150	Vertical	N/A
3**	5752.200	91.24	--	--	AV	44.00	150	Vertical	N/A
4	7318.837	49.54	74.0	24.46	Peak	55.00	200	Vertical	Pass
4**	7318.837	41.79	54.0	12.21	AV	55.00	200	Vertical	Pass
5	11933.787	52.49	74.0	21.51	Peak	72.00	100	Vertical	Pass
5**	11933.787	43.46	54.0	10.54	AV	72.00	100	Vertical	Pass
6	16129.424	54.95	74.0	19.05	Peak	74.00	200	Vertical	Pass
6**	16129.424	46.07	54.0	7.93	AV	74.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	38.60	74.0	35.40	Peak	97.00	200	Horizontal	Pass
1**	1497.000	28.89	54.0	25.11	AV	97.00	200	Horizontal	Pass
2	3863.400	51.01	74.0	22.99	Peak	76.00	150	Horizontal	Pass
2**	3863.400	47.39	54.0	6.61	AV	76.00	150	Horizontal	Pass
3	5797.200	109.09	--	--	Peak	98.00	200	Horizontal	N/A
3**	5797.200	100.44	--	--	AV	98.00	200	Horizontal	N/A
4	7335.800	50.10	74.0	23.90	Peak	176.00	100	Horizontal	Pass
4**	7335.800	40.53	54.0	13.47	AV	176.00	100	Horizontal	Pass
5	11781.987	52.43	74.0	21.57	Peak	0.00	200	Horizontal	Pass
5**	11781.987	42.72	54.0	11.28	AV	0.00	200	Horizontal	Pass
6	15511.238	54.21	74.0	19.79	Peak	311.00	100	Horizontal	Pass
6**	15511.238	45.02	54.0	8.98	AV	311.00	100	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	1444.800	38.70	74.0	35.30	Peak	231.00	100	Vertical	Pass
1**	1444.800	29.66	54.0	24.34	AV	231.00	100	Vertical	Pass
2	4377.600	50.47	74.0	23.53	Peak	8.00	300	Vertical	Pass
2**	4377.600	40.56	54.0	13.44	AV	8.00	300	Vertical	Pass
3	5798.600	98.50	--	--	Peak	55.00	100	Vertical	N/A
3**	5798.600	90.55	--	--	AV	55.00	100	Vertical	N/A
4	7508.013	50.12	74.0	23.88	Peak	0.00	200	Vertical	Pass
4**	7508.013	41.00	54.0	13.00	AV	0.00	200	Vertical	Pass
5	11345.849	51.62	74.0	22.38	Peak	125.00	200	Vertical	Pass
5**	11345.849	41.71	54.0	12.29	AV	125.00	200	Vertical	Pass
6	15523.049	54.30	74.0	19.70	Peak	95.00	200	Vertical	Pass
6**	15523.049	45.96	54.0	8.04	AV	95.00	200	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	1480.700	38.30	74.0	35.70	Peak	303.00	400	Horizontal	Pass
1**	1480.700	29.42	54.0	24.58	AV	303.00	400	Horizontal	Pass
2	3850.200	49.00	74.0	25.00	Peak	111.00	150	Horizontal	Pass
2**	3850.200	46.95	54.0	7.05	AV	111.00	150	Horizontal	Pass
3	5765.400	107.15	--	--	Peak	100.00	200	Horizontal	N/A
3**	5765.400	98.39	--	--	AV	100.00	200	Horizontal	N/A
4	7339.250	50.41	74.0	23.59	Peak	261.00	200	Horizontal	Pass
4**	7339.250	41.04	54.0	12.96	AV	261.00	200	Horizontal	Pass
5	11322.563	52.02	74.0	21.98	Peak	278.00	100	Horizontal	Pass
5**	11322.563	42.17	54.0	11.83	AV	278.00	100	Horizontal	Pass
6	15514.912	54.70	74.0	19.30	Peak	182.00	200	Horizontal	Pass
6**	15514.912	44.79	54.0	9.21	AV	182.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.800	38.31	74.0	35.69	Peak	171.00	400	Vertical	Pass
1**	1586.800	29.59	54.0	24.41	AV	171.00	400	Vertical	Pass
2	4058.800	50.13	74.0	23.87	Peak	154.00	200	Vertical	Pass
2**	4058.800	39.72	54.0	14.28	AV	154.00	200	Vertical	Pass
3	5766.200	98.20	--	--	Peak	54.00	150	Vertical	N/A
3**	5766.200	88.69	--	--	AV	54.00	150	Vertical	N/A
4	7549.987	49.78	74.0	24.22	Peak	345.00	300	Vertical	Pass
4**	7549.987	40.60	54.0	13.40	AV	345.00	300	Vertical	Pass
5	11322.563	52.40	74.0	21.60	Peak	345.00	150	Vertical	Pass
5**	11322.563	42.46	54.0	11.54	AV	345.00	150	Vertical	Pass
6	16099.763	54.32	74.0	19.68	Peak	17.00	200	Vertical	Pass
6**	16099.763	45.16	54.0	8.84	AV	17.00	200	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	5144.150	65.83	74.0	8.17	Peak	93.00	100	Horizontal	Pass
1**	5144.150	48.05	54.0	5.95	AV	93.00	100	Horizontal	Pass
2	5150.000	63.82	74.0	10.18	Peak	83.00	200	Horizontal	Pass
2**	5150.000	48.65	54.0	5.35	AV	83.00	200	Horizontal	Pass
3	5147.075	61.05	74.0	12.95	Peak	87.00	150	Horizontal	Pass
3**	5147.075	48.80	54.0	5.20	AV	87.00	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	56.15	74.0	17.85	Peak	96.00	100	Horizontal	Pass
1**	5350.000	46.13	54.0	7.87	AV	96.00	100	Horizontal	Pass
2	5351.265	60.51	74.0	13.49	Peak	96.00	100	Horizontal	Pass
2**	5351.265	45.99	54.0	8.01	AV	96.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	62.51	74.0	11.49	Peak	91.00	200	Horizontal	Pass
1**	5147.400	47.00	54.0	7.00	AV	91.00	200	Horizontal	Pass
2	5150.000	59.27	74.0	14.73	Peak	79.00	200	Horizontal	Pass
2**	5150.000	47.36	54.0	6.64	AV	79.00	200	Horizontal	Pass
3	5140.250	57.91	74.0	16.09	Peak	100.00	150	Horizontal	Pass
3**	5140.250	48.03	54.0	5.97	AV	100.00	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	55.85	74.0	18.15	Peak	198.00	100	Horizontal	Pass
1**	5350.000	46.07	54.0	7.93	AV	198.00	100	Horizontal	Pass
2	5355.500	60.74	74.0	13.26	Peak	100.00	150	Horizontal	Pass
2**	5355.500	46.27	54.0	7.73	AV	100.00	150	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	5147.725	59.01	74.0	14.99	Peak	103.00	100	Horizontal	Pass
1**	5147.725	47.96	54.0	6.04	AV	103.00	100	Horizontal	Pass
2	5150.000	58.00	74.0	16.00	Peak	100.00	100	Horizontal	Pass
2**	5150.000	48.64	54.0	5.36	AV	100.00	100	Horizontal	Pass
3	5149.675	56.95	74.0	17.05	Peak	146.00	150	Horizontal	Pass
3**	5149.675	48.69	54.0	5.31	AV	146.00	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	58.72	74.0	15.28	Peak	99.00	100	Horizontal	Pass
1**	5350.055	46.98	54.0	7.02	AV	99.00	100	Horizontal	Pass
2	5354.125	60.48	74.0	13.52	Peak	102.00	150	Horizontal	Pass
2**	5354.125	46.58	54.0	7.42	AV	102.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	64.24	74.0	9.76	Peak	87.00	150	Horizontal	Pass
1**	5148.375	47.62	54.0	6.38	AV	87.00	150	Horizontal	Pass
2	5150.000	58.50	74.0	15.50	Peak	135.00	200	Horizontal	Pass
2**	5150.000	47.61	54.0	6.39	AV	135.00	200	Horizontal	Pass
3	5142.850	56.23	74.0	17.77	Peak	253.00	150	Horizontal	Pass
3**	5142.850	47.86	54.0	6.14	AV	253.00	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	55.77	74.0	18.23	Peak	100.00	150	Horizontal	Pass
1**	5350.055	46.45	54.0	7.55	AV	100.00	150	Horizontal	Pass
2	5354.180	60.33	74.0	13.67	Peak	88.00	200	Horizontal	Pass
2**	5354.180	46.41	54.0	7.59	AV	88.00	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	5145.775	58.58	74.0	15.42	Peak	98.00	200	Horizontal	Pass
1**	5145.775	48.02	54.0	5.98	AV	98.00	200	Horizontal	Pass
2	5150.000	57.77	74.0	16.23	Peak	98.00	150	Horizontal	Pass
2**	5150.000	48.04	54.0	5.96	AV	98.00	150	Horizontal	Pass
3	5149.350	56.48	74.0	17.52	Peak	78.00	150	Horizontal	Pass
3**	5149.350	48.11	54.0	5.89	AV	78.00	150	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	58.84	74.0	15.16	Peak	92.00	100	Horizontal	Pass
1**	5350.055	47.10	54.0	6.90	AV	92.00	100	Horizontal	Pass
2	5351.760	60.60	74.0	13.40	Peak	92.00	100	Horizontal	Pass
2**	5351.760	46.80	54.0	7.20	AV	92.00	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	5137.975	58.02	74.0	15.98	Peak	97.00	100	Horizontal	Pass
1**	5137.975	47.19	54.0	6.81	AV	97.00	100	Horizontal	Pass
2	5150.000	57.16	74.0	16.84	Peak	94.00	150	Horizontal	Pass
2**	5150.000	47.58	54.0	6.42	AV	94.00	150	Horizontal	Pass
3	5146.100	55.64	74.0	18.36	Peak	100.00	150	Horizontal	Pass
3**	5146.100	48.29	54.0	5.71	AV	100.00	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	55.63	74.0	18.37	Peak	25.00	200	Horizontal	Pass
1**	5350.055	46.99	54.0	7.01	AV	25.00	200	Horizontal	Pass
2	5372.000	58.80	74.0	15.20	Peak	96.00	200	Horizontal	Pass
2**	5372.000	47.08	54.0	6.92	AV	96.00	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	5096.050	56.68	74.0	17.32	Peak	252.00	100	Horizontal	Pass
1**	5096.050	45.82	54.0	8.18	AV	252.00	100	Horizontal	Pass
2	5150.000	55.18	74.0	18.82	Peak	162.00	100	Horizontal	Pass
2**	5150.000	45.85	54.0	8.15	AV	162.00	100	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.58	74.0	15.42	Peak	145.00	200	Horizontal	Pass
1**	5350.000	47.73	54.0	6.27	AV	145.00	200	Horizontal	Pass
2	5353.355	66.03	74.0	7.97	Peak	94.00	100	Horizontal	Pass
2**	5353.355	47.59	54.0	6.41	AV	94.00	100	Horizontal	Pass
3	5352.145	60.13	74.0	13.87	Peak	98.00	150	Horizontal	Pass
3**	5352.145	48.78	54.0	5.22	AV	98.00	150	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	4755.125	57.16	74.0	16.84	Peak	154.00	150	Horizontal	Pass
1**	4755.125	44.52	54.0	9.48	AV	154.00	150	Horizontal	Pass
2	5150.000	54.88	74.0	19.12	Peak	278.00	100	Horizontal	Pass
2**	5150.000	45.64	54.0	8.36	AV	278.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.17	74.0	11.83	Peak	92.00	150	Horizontal	Pass
1**	5350.000	47.30	54.0	6.70	AV	92.00	150	Horizontal	Pass
2	5353.850	67.28	74.0	6.72	Peak	95.00	150	Horizontal	Pass
2**	5353.850	47.60	54.0	6.40	AV	95.00	150	Horizontal	Pass
3	5351.760	65.66	74.0	8.34	Peak	95.00	150	Horizontal	Pass
3**	5351.760	48.90	54.0	5.10	AV	95.00	150	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	5026.500	56.73	74.0	17.27	Peak	132.00	200	Horizontal	Pass
1**	5026.500	45.05	54.0	8.95	AV	132.00	200	Horizontal	Pass
2	5150.000	55.65	74.0	18.35	Peak	279.00	150	Horizontal	Pass
2**	5150.000	45.79	54.0	8.21	AV	279.00	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	5350.000	59.67	74.0	14.33	Peak	92.00	100	Horizontal	Pass
1**	5350.000	48.18	54.0	5.82	AV	92.00	100	Horizontal	Pass
2	5351.925	64.93	74.0	9.07	Peak	95.00	100	Horizontal	Pass
2**	5351.925	48.32	54.0	5.68	AV	95.00	100	Horizontal	Pass
3	5354.565	58.05	74.0	15.95	Peak	101.00	150	Horizontal	Pass
3**	5354.565	48.98	54.0	5.02	AV	101.00	150	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	5106.125	57.30	74.0	16.70	Peak	222.00	200	Horizontal	Pass
1**	5106.125	45.40	54.0	8.60	AV	222.00	200	Horizontal	Pass
2	5150.000	55.42	74.0	18.58	Peak	360.00	100	Horizontal	Pass
2**	5150.000	45.71	54.0	8.29	AV	360.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.86	74.0	7.14	Peak	93.00	150	Horizontal	Pass
1**	5350.000	47.37	54.0	6.63	AV	93.00	150	Horizontal	Pass
2	5354.785	66.96	74.0	7.04	Peak	96.00	150	Horizontal	Pass
2**	5354.785	47.45	54.0	6.55	AV	96.00	150	Horizontal	Pass
3	5354.840	56.53	74.0	17.47	Peak	156.00	150	Horizontal	Pass
3**	5354.840	48.91	54.0	5.09	AV	156.00	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	5077.850	57.17	74.0	16.83	Peak	186.00	100	Horizontal	Pass
1**	5077.850	45.37	54.0	8.63	AV	186.00	100	Horizontal	Pass
2	5150.000	55.62	74.0	18.38	Peak	223.00	100	Horizontal	Pass
2**	5150.000	45.69	54.0	8.31	AV	223.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.16	74.0	15.84	Peak	98.00	200	Horizontal	Pass
1**	5350.000	48.33	54.0	5.67	AV	98.00	200	Horizontal	Pass
2	5358.910	64.40	74.0	9.60	Peak	93.00	100	Horizontal	Pass
2**	5358.910	47.87	54.0	6.13	AV	93.00	100	Horizontal	Pass
3	5353.465	60.24	74.0	13.76	Peak	77.00	150	Horizontal	Pass
3**	5353.465	48.69	54.0	5.31	AV	77.00	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	5082.725	56.98	74.0	17.02	Peak	360.00	100	Horizontal	Pass
1**	5082.725	45.80	54.0	8.20	AV	360.00	100	Horizontal	Pass
2	5150.000	54.82	74.0	19.18	Peak	184.00	150	Horizontal	Pass
2**	5150.000	46.02	54.0	7.98	AV	184.00	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	60.39	74.0	13.61	Peak	95.00	100	Horizontal	Pass
1**	5350.000	48.42	54.0	5.58	AV	95.00	100	Horizontal	Pass
2	5358.690	62.07	74.0	11.93	Peak	89.00	200	Horizontal	Pass
2**	5358.690	47.89	54.0	6.11	AV	89.00	200	Horizontal	Pass
3	5352.530	58.48	74.0	15.52	Peak	237.00	150	Horizontal	Pass
3**	5352.530	48.88	54.0	5.12	AV	237.00	150	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	5458.550	60.08	74.0	13.92	Peak	100.00	200	Horizontal	Pass
1**	5458.550	46.78	54.0	7.22	AV	100.00	200	Horizontal	Pass
2	5460.000	56.99	74.0	17.01	Peak	93.00	200	Horizontal	Pass
2**	5460.000	46.67	54.0	7.33	AV	93.00	200	Horizontal	Pass
3	5464.900	62.52	68.2	5.68	Peak	93.00	150	Horizontal	Pass
3**	5464.900	46.96	--	-46.96	AV	93.00	150	Horizontal	N/A
4	5469.950	58.70	68.2	9.50	Peak	82.00	200	Horizontal	Pass
4**	5469.950	46.99	--	-46.99	AV	82.00	200	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.76	68.2	12.44	Peak	2.00	150	Horizontal	Pass
2	5763.700	58.53	68.2	9.67	Peak	300.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.500	59.59	74.0	14.41	Peak	92.00	200	Horizontal	Pass
1**	5457.500	46.56	54.0	7.44	AV	92.00	200	Horizontal	Pass
2	5460.000	56.12	74.0	17.88	Peak	254.00	150	Horizontal	Pass
2**	5460.000	46.48	54.0	7.52	AV	254.00	150	Horizontal	Pass
3	5469.000	62.89	68.2	5.31	Peak	92.00	200	Horizontal	Pass
3**	5469.000	47.39	--	-47.39	AV	92.00	200	Horizontal	N/A
4	5469.950	56.61	68.2	11.59	Peak	82.00	150	Horizontal	Pass
4**	5469.950	47.66	--	-47.66	AV	82.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.09	68.2	12.11	Peak	360.00	150	Horizontal	Pass
2	5822.600	57.97	68.2	10.23	Peak	183.00	200	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	5459.750	61.49	74.0	12.51	Peak	97.00	200	Horizontal	Pass
1**	5459.750	47.75	54.0	6.25	AV	97.00	200	Horizontal	Pass
2	5460.000	56.40	74.0	17.60	Peak	93.00	150	Horizontal	Pass
2**	5460.000	47.84	54.0	6.16	AV	93.00	150	Horizontal	Pass
3	5469.300	62.24	68.2	5.96	Peak	93.00	100	Horizontal	Pass
3**	5469.300	50.62	--	-50.62	AV	93.00	100	Horizontal	N/A
4	5469.950	58.68	68.2	9.52	Peak	97.00	200	Horizontal	Pass
4**	5469.950	51.09	--	-51.09	AV	97.00	200	Horizontal	N/A
5	5452.000	56.87	74.0	17.13	Peak	93.00	150	Horizontal	Pass
5**	5452.000	48.64	54.0	5.36	AV	93.00	150	Horizontal	Pass

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	61.31	68.2	6.89	Peak	93.00	200	Horizontal	Pass
2	5725.550	62.87	68.2	5.33	Peak	93.00	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	5459.650	60.54	74.0	13.46	Peak	90.00	150	Horizontal	Pass
1**	5459.650	46.91	54.0	7.09	AV	90.00	150	Horizontal	Pass
2	5460.000	55.99	74.0	18.01	Peak	90.00	200	Horizontal	Pass
2**	5460.000	46.90	54.0	7.10	AV	90.00	200	Horizontal	Pass
3	5464.800	62.88	68.2	5.32	Peak	90.00	200	Horizontal	Pass
3**	5464.800	46.88	--	-46.88	AV	90.00	200	Horizontal	N/A
4	5469.950	59.08	68.2	9.12	Peak	90.00	200	Horizontal	Pass
4**	5469.950	47.43	--	-47.43	AV	90.00	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	56.20	68.2	12.00	Peak	257.00	200	Horizontal	Pass
2	5734.900	57.99	68.2	10.21	Peak	88.00	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	5459.750	59.98	74.0	14.02	Peak	95.00	200	Horizontal	Pass
1**	5459.750	47.32	54.0	6.68	AV	95.00	200	Horizontal	Pass
2	5460.000	55.67	74.0	18.33	Peak	59.00	100	Horizontal	Pass
2**	5460.000	47.33	54.0	6.67	AV	59.00	100	Horizontal	Pass
3	5466.350	61.01	68.2	7.19	Peak	98.00	200	Horizontal	Pass
3**	5466.350	47.61	--	-47.61	AV	98.00	200	Horizontal	N/A
4	5469.950	57.44	68.2	10.76	Peak	52.00	150	Horizontal	Pass
4**	5469.950	48.05	--	-48.05	AV	52.00	150	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	5725.050	58.30	68.2	9.90	Peak	87.00	100	Horizontal	Pass
2	5731.950	62.33	68.2	5.87	Peak	91.00	150	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	5449.500	59.58	74.0	14.42	Peak	94.00	150	Horizontal	Pass
1**	5449.500	47.75	54.0	6.25	AV	94.00	150	Horizontal	Pass
2	5460.000	56.44	74.0	17.56	Peak	98.00	200	Horizontal	Pass
2**	5460.000	47.92	54.0	6.08	AV	98.00	200	Horizontal	Pass
3	5469.900	59.60	68.2	8.60	Peak	92.00	150	Horizontal	Pass
3**	5469.900	48.98	--	-48.98	AV	92.00	150	Horizontal	N/A
4	5469.950	56.83	68.2	11.37	Peak	238.00	200	Horizontal	Pass
4**	5469.950	49.22	--	-49.22	AV	238.00	200	Horizontal	N/A
5	5457.850	57.05	74.0	16.95	Peak	94.00	150	Horizontal	Pass
5**	5457.850	48.81	54.0	5.19	AV	94.00	150	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	5725.050	56.75	68.2	11.45	Peak	108.00	200	Horizontal	Pass
2	5734.000	58.46	68.2	9.74	Peak	86.00	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	5637.050	57.56	68.2	10.64	Peak	312.00	200	Horizontal	Pass
2	5650.000	56.48	68.2	11.72	Peak	190.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.47	68.2	11.73	Peak	68.00	100	Horizontal	Pass
2	5935.750	58.93	68.2	9.27	Peak	91.00	100	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	5626.650	58.69	68.2	9.51	Peak	227.00	200	Horizontal	Pass
2	5650.000	57.04	68.2	11.16	Peak	255.00	100	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	5924.950	56.61	68.2	11.59	Peak	48.00	150	Horizontal	Pass
2	5925.700	58.92	68.2	9.28	Peak	88.00	150	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	5648.250	58.13	68.2	10.07	Peak	88.00	200	Horizontal	Pass
2	5650.000	56.32	68.2	11.88	Peak	92.00	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	5924.950	56.06	68.2	12.14	Peak	256.00	200	Horizontal	Pass
2	5929.600	58.71	68.2	9.49	Peak	82.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.350	58.01	68.2	10.19	Peak	253.00	150	Horizontal	Pass
2	5650.000	55.42	68.2	12.78	Peak	97.00	150	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	5924.950	56.06	68.2	12.14	Peak	82.00	200	Horizontal	Pass
2	5928.200	60.33	68.2	7.87	Peak	84.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.050	58.00	68.2	10.20	Peak	83.00	100	Horizontal	Pass
2	5650.000	56.55	68.2	11.65	Peak	92.00	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	5924.950	56.23	68.2	11.97	Peak	0.00	100	Horizontal	Pass
2	5932.800	58.30	68.2	9.90	Peak	85.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.750	60.31	68.2	7.89	Peak	85.00	150	Horizontal	Pass
2	5650.000	58.98	68.2	9.22	Peak	89.00	150	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	5924.950	56.76	68.2	11.44	Peak	51.00	100	Horizontal	Pass
2	5926.650	60.13	68.2	8.07	Peak	87.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2530966-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2530966-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2530966-AI.PDF”.

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