

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: CPH2819
Brand Name: OPPO
FCC ID: R9C-OP25249
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Aug. 25, 2025
Test Date: Aug. 31, 2025 - Sep. 26, 2025
Date of Issue: Sep. 30, 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>Sep. 30, 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	CPH2819
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	SC-SZ2580363: S08, S11
IMEI Number	SC-SZ2580363-S08: IMEI1: 869020080019894; IMEI2: 869020080019886
	SC-SZ2580363-S11: IMEI1: 869020080019696; IMEI2: 869020080019688

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 2/4/5/8 4G Network FDD LTE Band 2/4/5/7/8/13/18/19/26/28/66 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80) GNSS, FM Receiver
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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: 61.09 mW U-NII-2A: 62.81 mW U-NII-2C: 49.43 mW U-NII-3: 60.12 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -0.20 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.20 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.80 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.80 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	49% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +24.6℃
Working Voltage of the EUT	NV (Normal Voltage)	3.88V

4.2 Test Equipment List

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

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

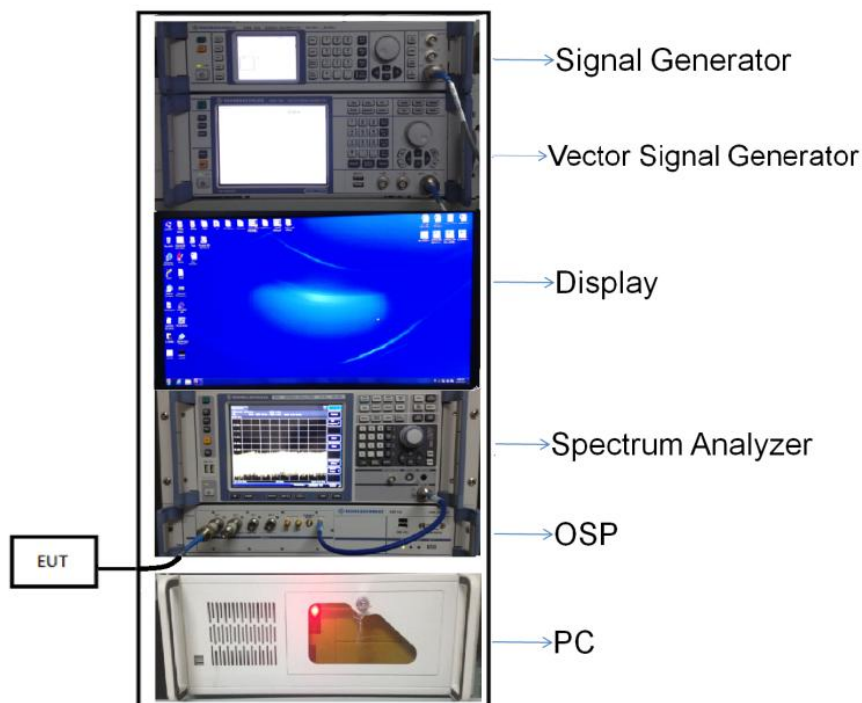
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

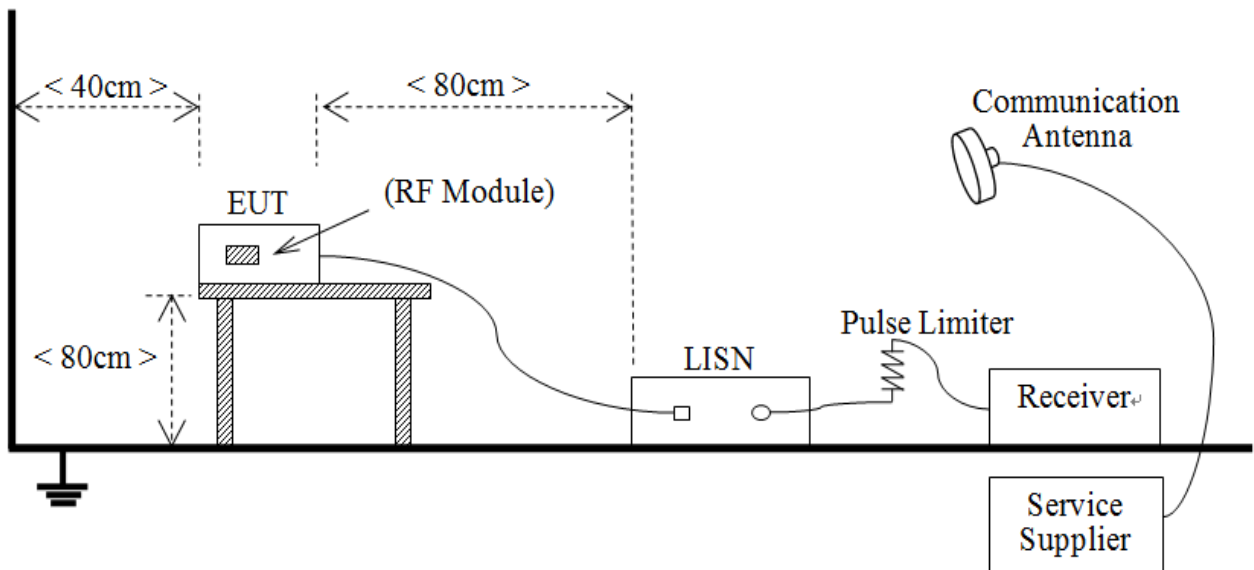
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



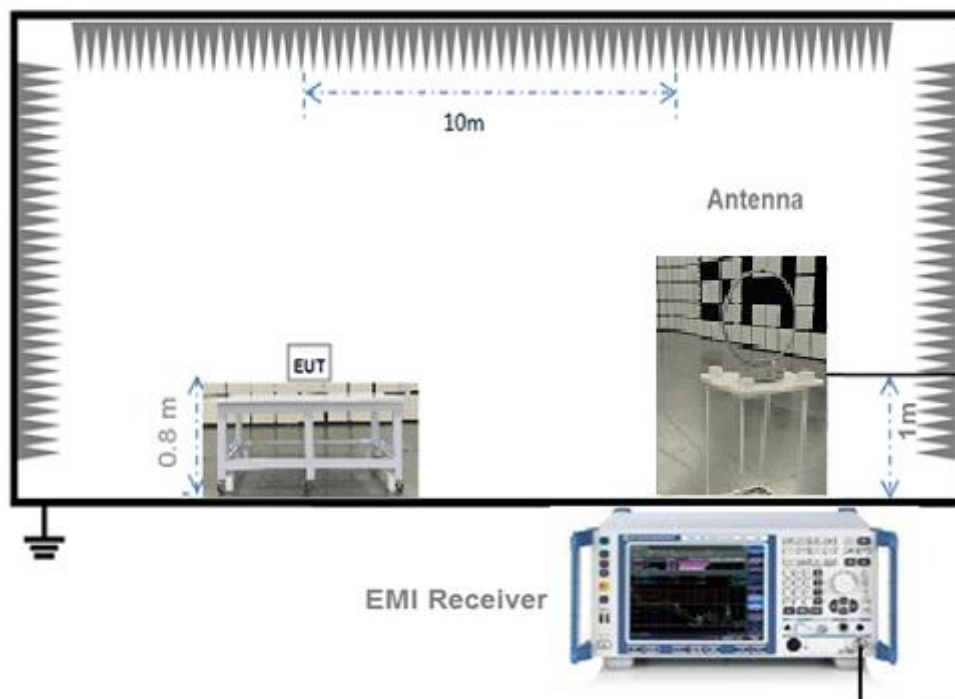
(Diagram 1)

4.5.2 For AC Power Supply Port Test



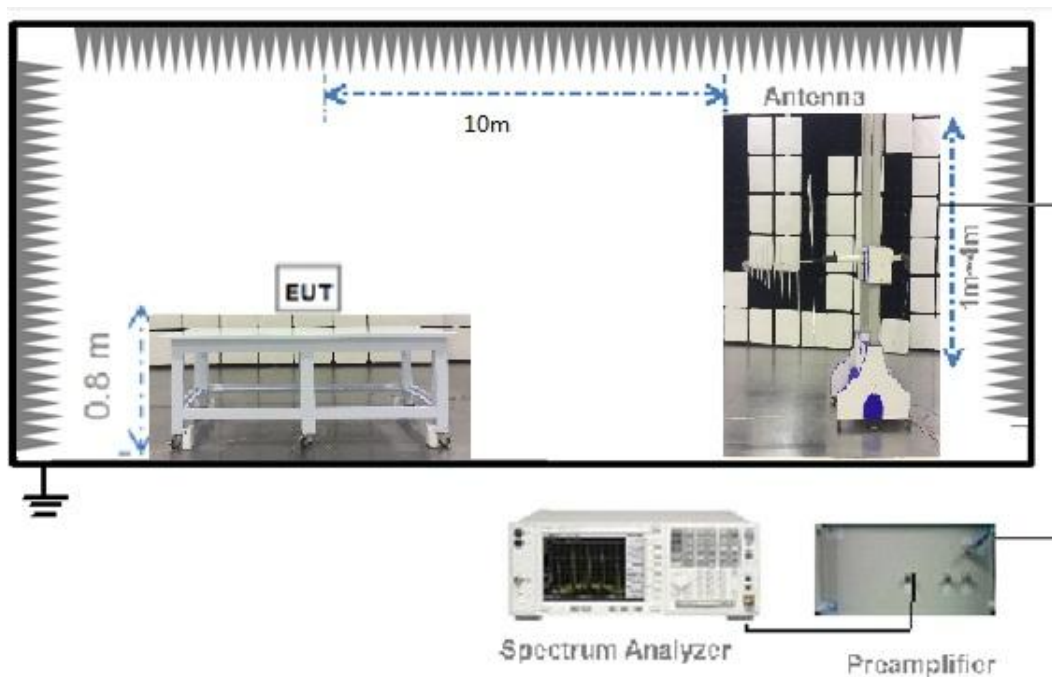
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



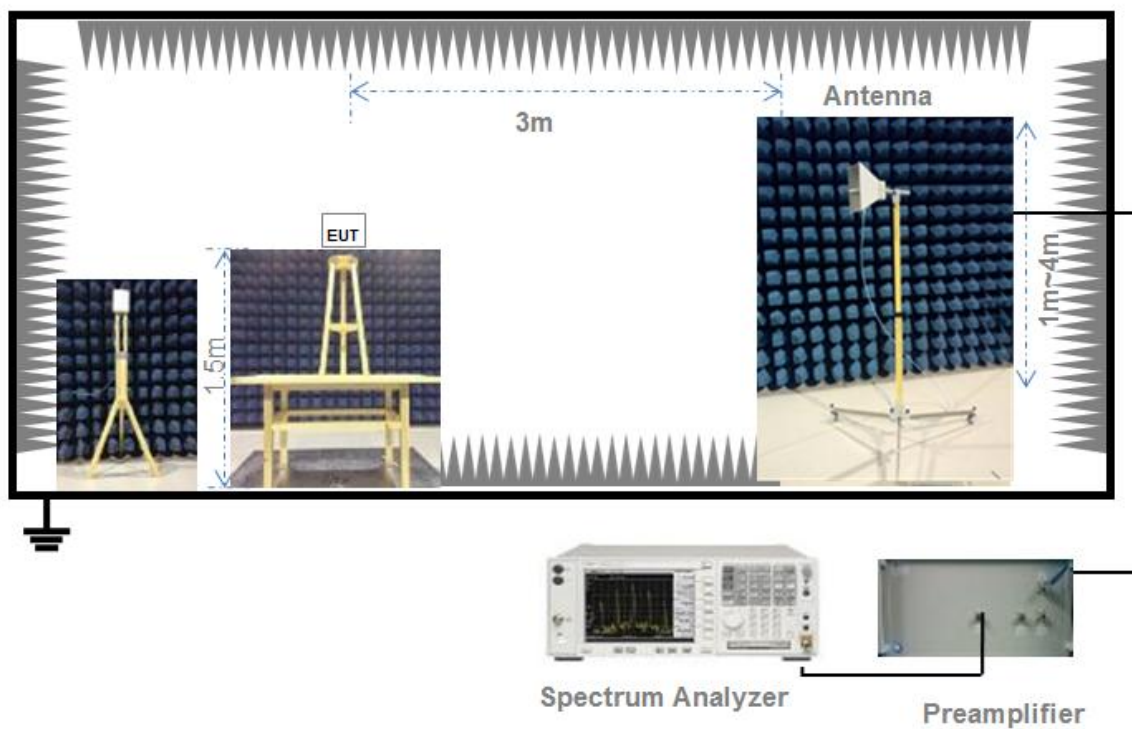
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
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 99% emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note1: Where “B” is the 99% emissions bandwidth in MHz.	
Note2: EIRP= maximum conducted output power+ Antenna Gain.	

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 $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.

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

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

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

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The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain.	

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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)

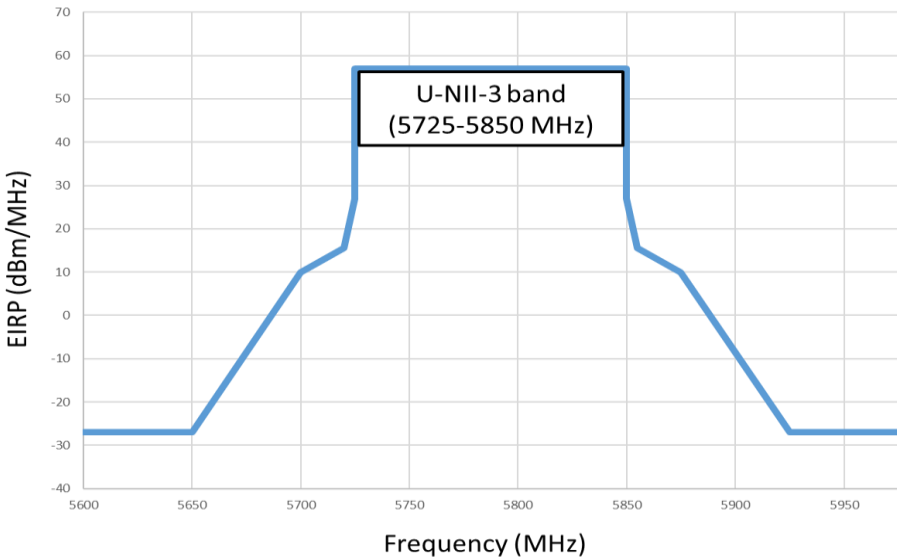
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: 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	98.26%	0.08
11n(HT20)/11ac(VHT20)	2.05	2.09	97.95%	0.09
11n(HT40)/11ac(VHT40)	1.01	1.05	96.48%	0.16
11ac(VHT80)	0.49	0.53	92.92%	0.32

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.18	52.24	250	Pass
11a	CH44	17.81	60.39	250	Pass
11a	CH48	17.86	61.09	250	Pass
11n(HT20)	CH36	16.35	43.15	250	Pass
11n(HT20)	CH44	17.62	57.81	250	Pass
11n(HT20)	CH48	17.64	58.08	250	Pass
11n(HT40)	CH38	14.61	28.91	250	Pass
11n(HT40)	CH46	16.18	41.50	250	Pass
11ac(VHT20)	CH36	16.26	42.27	250	Pass
11ac(VHT20)	CH44	17.63	57.94	250	Pass
11ac(VHT20)	CH48	17.67	58.48	250	Pass
11ac(VHT40)	CH38	14.53	28.38	250	Pass
11ac(VHT40)	CH46	16.09	40.64	250	Pass
11ac(VHT80)	CH42	12.68	18.54	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.84	60.81	250	Pass
11a	CH60	17.98	62.81	250	Pass
11a	CH64	16.85	48.42	250	Pass
11n(HT20)	CH52	17.69	58.75	250	Pass
11n(HT20)	CH60	16.85	48.42	250	Pass
11n(HT20)	CH64	16.62	45.92	250	Pass
11n(HT40)	CH54	16.16	41.30	250	Pass
11n(HT40)	CH62	13.33	21.53	250	Pass
11ac(VHT20)	CH52	17.66	58.34	250	Pass
11ac(VHT20)	CH60	16.85	48.42	250	Pass
11ac(VHT20)	CH64	16.64	46.13	250	Pass
11ac(VHT40)	CH54	16.18	41.50	250	Pass
11ac(VHT40)	CH62	13.33	21.53	250	Pass
11ac(VHT80)	CH58	12.53	17.91	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.11	40.83	250	Pass
11a	CH116	16.89	48.87	250	Pass
11a	CH140	16.44	44.06	250	Pass
11n(HT20)	CH100	16.02	39.99	250	Pass
11n(HT20)	CH116	16.65	46.24	250	Pass
11n(HT20)	CH140	16.22	41.88	250	Pass
11n(HT40)	CH102	13.08	20.32	250	Pass
11n(HT40)	CH118	16.94	49.43	250	Pass
11n(HT40)	CH134	16.82	48.08	250	Pass
11ac(VHT20)	CH100	15.97	39.54	250	Pass
11ac(VHT20)	CH116	16.72	46.99	250	Pass
11ac(VHT20)	CH140	16.23	41.98	250	Pass
11ac(VHT40)	CH102	13.05	20.18	250	Pass
11ac(VHT40)	CH118	16.91	49.09	250	Pass
11ac(VHT40)	CH134	16.82	48.08	250	Pass
11ac(VHT80)	CH106	12.92	19.59	250	Pass
11ac(VHT80)	CH122	16.67	46.45	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.79	60.12	1000	Pass
11a	CH157	17.72	59.16	1000	Pass
11a	CH165	17.11	51.40	1000	Pass
11n(HT20)	CH149	16.56	45.29	1000	Pass
11n(HT20)	CH157	17.51	56.36	1000	Pass
11n(HT20)	CH165	16.83	48.19	1000	Pass
11n(HT40)	CH151	16.67	46.45	1000	Pass
11n(HT40)	CH159	16.56	45.29	1000	Pass
11ac(VHT20)	CH149	16.65	46.24	1000	Pass
11ac(VHT20)	CH157	17.58	57.28	1000	Pass
11ac(VHT20)	CH165	16.82	48.08	1000	Pass
11ac(VHT40)	CH151	16.66	46.34	1000	Pass
11ac(VHT40)	CH159	16.56	45.29	1000	Pass
11ac(VHT80)	CH155	16.71	46.88	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2580860-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.39	16.40
11a	CH44	21.63	16.41
11a	CH48	21.14	16.43
11n(HT20)	CH36	21.46	17.59
11n(HT20)	CH44	21.52	17.59
11n(HT20)	CH48	22.04	17.61
11n(HT40)	CH38	40.69	36.01
11n(HT40)	CH46	40.58	36.01
11ac(VHT20)	CH36	21.75	17.58
11ac(VHT20)	CH44	21.95	17.61
11ac(VHT20)	CH48	21.97	17.60
11ac(VHT40)	CH38	40.59	36.04
11ac(VHT40)	CH46	40.67	36.00
11ac(VHT80)	CH42	84.49	75.52

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.80	16.41
11a	CH60	21.36	16.42
11a	CH64	20.93	16.42
11n(HT20)	CH52	22.02	17.61
11n(HT20)	CH60	21.87	17.58
11n(HT20)	CH64	21.54	17.60
11n(HT40)	CH54	40.73	35.98
11n(HT40)	CH62	40.39	36.00
11ac(VHT20)	CH52	21.77	17.60
11ac(VHT20)	CH60	21.73	17.60
11ac(VHT20)	CH64	21.61	17.58
11ac(VHT40)	CH54	40.36	35.99
11ac(VHT40)	CH62	40.50	36.02
11ac(VHT80)	CH58	85.58	75.60

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.63	16.39
11a	CH116	21.25	16.38
11a	CH140	20.49	16.41
11n(HT20)	CH100	21.44	17.59
11n(HT20)	CH116	21.54	17.58
11n(HT20)	CH140	21.46	17.58
11n(HT40)	CH102	40.32	36.03
11n(HT40)	CH118	40.24	36.01
11n(HT40)	CH134	40.34	36.04
11ac(VHT20)	CH100	21.62	17.58
11ac(VHT20)	CH116	21.09	17.59
11ac(VHT20)	CH140	21.04	17.58
11ac(VHT40)	CH102	40.07	36.01
11ac(VHT40)	CH118	40.54	36.03
11ac(VHT40)	CH134	40.43	36.02
11ac(VHT80)	CH106	83.55	75.51
11ac(VHT80)	CH122	83.45	75.53

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.06	16.38
11a	CH157	20.72	16.38
11a	CH165	21.26	16.38
11n(HT20)	CH149	20.99	17.56
11n(HT20)	CH157	21.69	17.58
11n(HT20)	CH165	21.19	17.56
11n(HT40)	CH151	40.58	36.01
11n(HT40)	CH159	40.50	36.02
11ac(VHT20)	CH149	21.23	17.57
11ac(VHT20)	CH157	21.00	17.56
11ac(VHT20)	CH165	21.32	17.57
11ac(VHT40)	CH151	40.61	36.01
11ac(VHT40)	CH159	40.62	36.02
11ac(VHT80)	CH155	88.92	75.57

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2580860-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	12.80	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	14.30	500.00	Pass
11n(HT20)	CH149	14.00	500.00	Pass
11n(HT20)	CH157	15.20	500.00	Pass
11n(HT20)	CH165	15.40	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	12.70	500.00	Pass
11ac(VHT20)	CH157	12.80	500.00	Pass
11ac(VHT20)	CH165	12.70	500.00	Pass
11ac(VHT40)	CH151	35.20	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2580860-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	7.02	11.00	Pass
11a	CH44	7.42	11.00	Pass
11a	CH48	7.41	11.00	Pass
11n(HT20)	CH36	5.94	11.00	Pass
11n(HT20)	CH44	7.08	11.00	Pass
11n(HT20)	CH48	7.05	11.00	Pass
11n(HT40)	CH38	1.39	11.00	Pass
11n(HT40)	CH46	2.72	11.00	Pass
11ac(VHT20)	CH36	5.99	11.00	Pass
11ac(VHT20)	CH44	7.09	11.00	Pass
11ac(VHT20)	CH48	7.03	11.00	Pass
11ac(VHT40)	CH38	1.40	11.00	Pass
11ac(VHT40)	CH46	2.64	11.00	Pass
11ac(VHT80)	CH42	-3.57	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	7.27	11.00	Pass
11a	CH60	7.38	11.00	Pass
11a	CH64	6.38	11.00	Pass
11n(HT20)	CH52	6.84	11.00	Pass
11n(HT20)	CH60	6.14	11.00	Pass
11n(HT20)	CH64	5.96	11.00	Pass
11n(HT40)	CH54	2.56	11.00	Pass
11n(HT40)	CH62	-0.16	11.00	Pass
11ac(VHT20)	CH52	6.95	11.00	Pass
11ac(VHT20)	CH60	6.14	11.00	Pass
11ac(VHT20)	CH64	5.99	11.00	Pass
11ac(VHT40)	CH54	2.57	11.00	Pass
11ac(VHT40)	CH62	-0.19	11.00	Pass
11ac(VHT80)	CH58	-4.13	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	6.26	11.00	Pass
11a	CH116	7.05	11.00	Pass
11a	CH140	6.70	11.00	Pass
11n(HT20)	CH100	5.86	11.00	Pass
11n(HT20)	CH116	6.67	11.00	Pass
11n(HT20)	CH140	6.27	11.00	Pass
11n(HT40)	CH102	0.24	11.00	Pass
11n(HT40)	CH118	4.10	11.00	Pass
11n(HT40)	CH134	4.04	11.00	Pass
11ac(VHT20)	CH100	5.84	11.00	Pass
11ac(VHT20)	CH116	6.71	11.00	Pass
11ac(VHT20)	CH140	6.28	11.00	Pass
11ac(VHT40)	CH102	0.26	11.00	Pass
11ac(VHT40)	CH118	4.14	11.00	Pass
11ac(VHT40)	CH134	4.05	11.00	Pass
11ac(VHT80)	CH106	-2.87	11.00	Pass
11ac(VHT80)	CH122	0.81	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	4.94	30.00	Pass
11a	CH157	4.84	30.00	Pass
11a	CH165	4.10	30.00	Pass
11n(HT20)	CH149	3.74	30.00	Pass
11n(HT20)	CH157	4.37	30.00	Pass
11n(HT20)	CH165	3.80	30.00	Pass
11n(HT40)	CH151	0.88	30.00	Pass
11n(HT40)	CH159	0.54	30.00	Pass
11ac(VHT20)	CH149	3.69	30.00	Pass
11ac(VHT20)	CH157	4.46	30.00	Pass
11ac(VHT20)	CH165	3.83	30.00	Pass
11ac(VHT40)	CH151	0.73	30.00	Pass
11ac(VHT40)	CH159	0.41	30.00	Pass
11ac(VHT80)	CH155	-2.29	30.00	Pass

A.5 Conducted Emissions

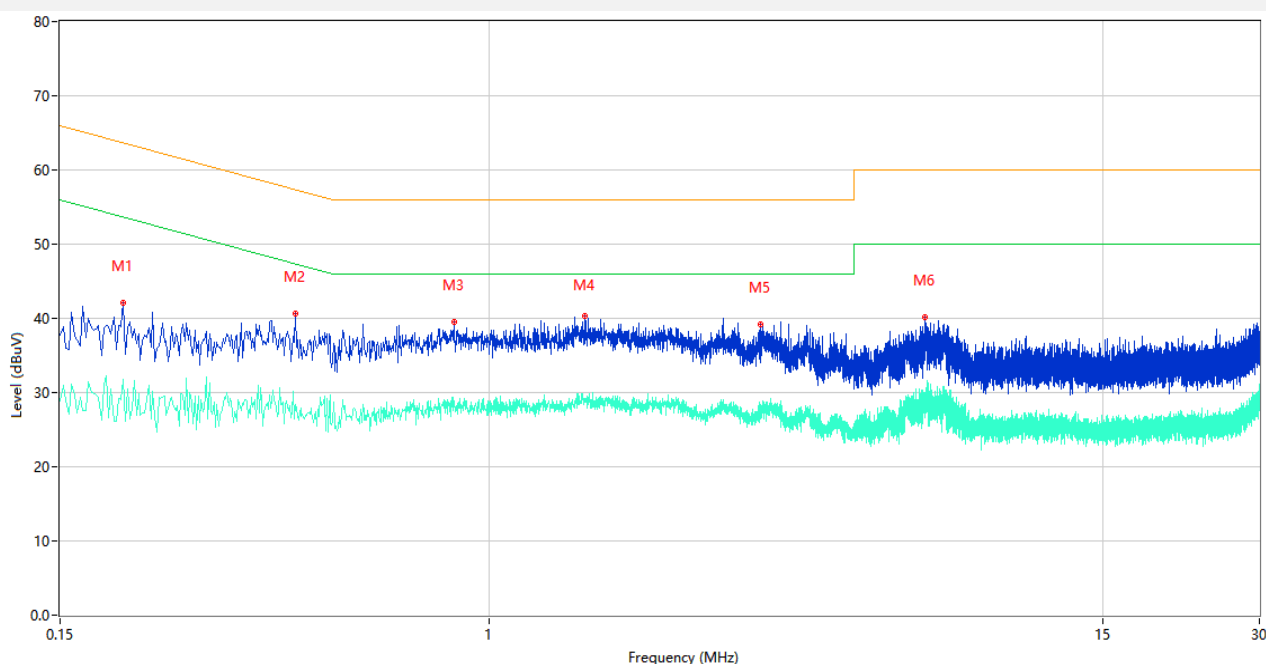
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

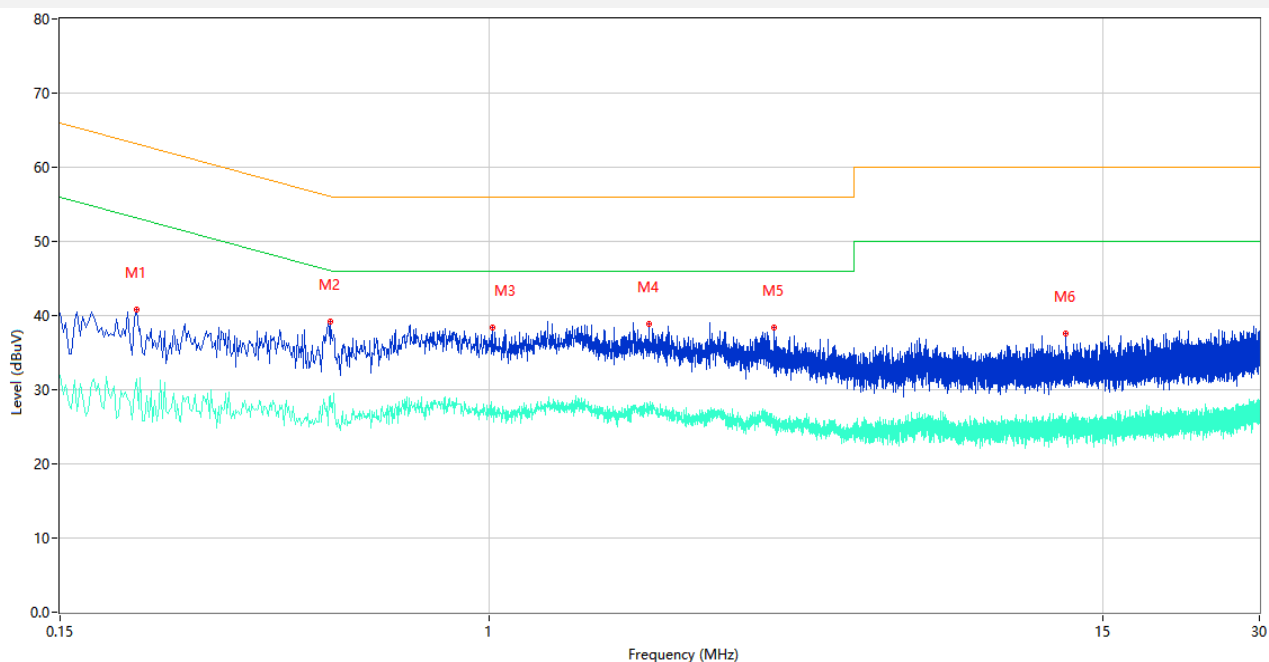
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.198	42.17	9.84	63.69	21.52	Peak	L	Pass
1**	0.198	31.78	9.84	53.69	21.91	AV	L	Pass
2	0.424	40.60	10.36	57.37	16.77	Peak	L	Pass
2**	0.424	28.42	10.36	47.37	18.95	AV	L	Pass
3	0.854	39.49	10.65	56.00	16.51	Peak	L	Pass
3**	0.854	28.17	10.65	46.00	17.83	AV	L	Pass
4	1.526	40.36	10.27	56.00	15.64	Peak	L	Pass
4**	1.526	29.09	10.27	46.00	16.91	AV	L	Pass
5	3.310	39.19	10.42	56.00	16.81	Peak	L	Pass
5**	3.310	28.06	10.42	46.00	17.94	AV	L	Pass
6	6.848	40.24	10.11	60.00	19.76	Peak	L	Pass
6**	6.848	28.98	10.11	50.00	21.02	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.210	40.84	9.84	63.21	22.37	Peak	N	Pass
1**	0.210	31.41	9.84	53.21	21.80	AV	N	Pass
2	0.496	39.25	10.04	56.07	16.82	Peak	N	Pass
2**	0.496	27.75	10.04	46.07	18.32	AV	N	Pass
3	1.012	38.34	10.08	56.00	17.66	Peak	N	Pass
3**	1.012	26.59	10.08	46.00	19.41	AV	N	Pass
4	2.024	38.84	10.41	56.00	17.16	Peak	N	Pass
4**	2.024	27.80	10.41	46.00	18.20	AV	N	Pass
5	3.516	38.42	10.18	56.00	17.58	Peak	N	Pass
5**	3.516	25.27	10.18	46.00	20.73	AV	N	Pass
6	12.758	37.52	10.56	60.00	22.48	Peak	N	Pass
6**	12.758	25.72	10.56	50.00	24.28	AV	N	Pass

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

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

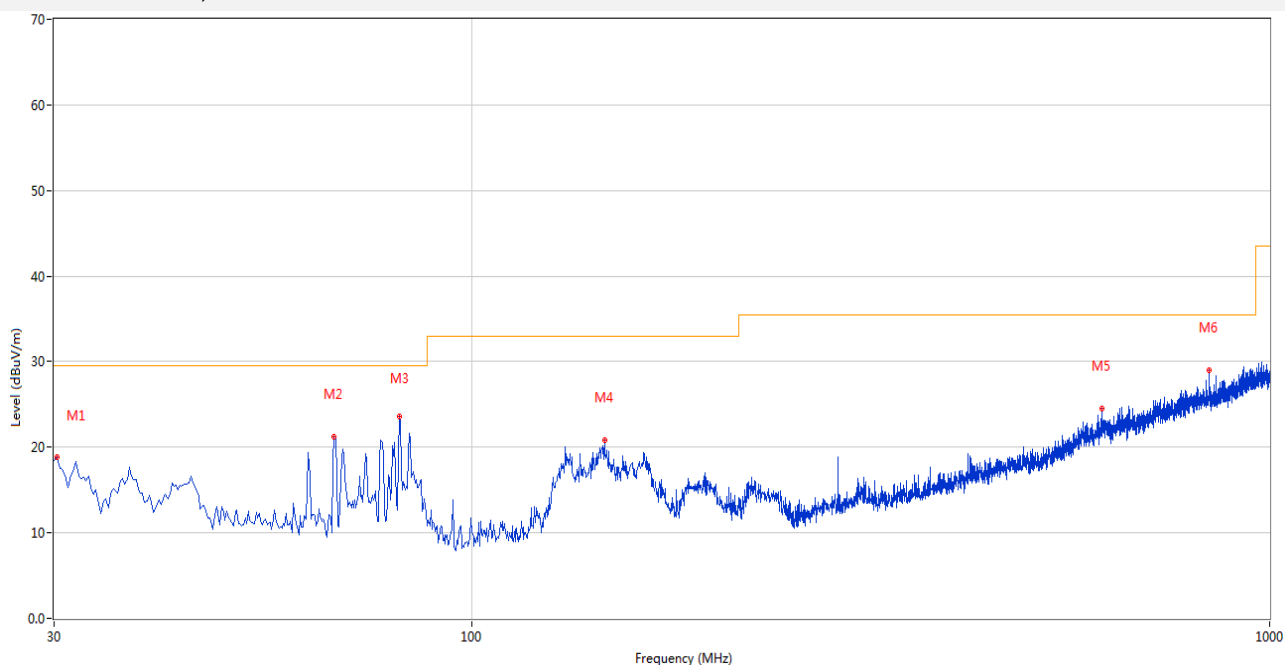
Note²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

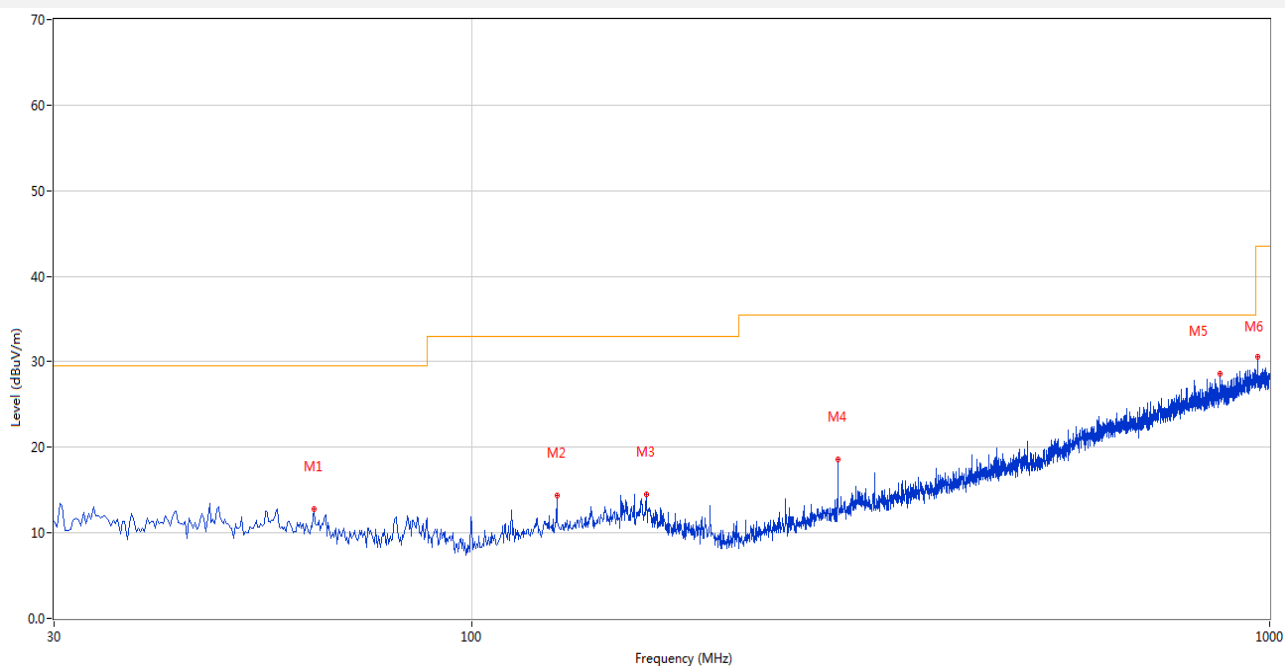
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.242	18.82	-26.84	29.5	10.68	Peak	42.00	100	Vertical	Pass
2	67.336	21.20	-28.74	29.5	8.30	Peak	135.00	100	Vertical	Pass
3	81.155	23.55	-30.14	29.5	5.95	Peak	360.00	200	Vertical	Pass
4	146.856	20.86	-26.20	33.0	12.14	Peak	320.00	100	Vertical	Pass
5	616.218	24.58	-16.45	35.5	10.92	Peak	216.00	100	Vertical	Pass
6	839.990	28.96	-11.86	35.5	6.54	Peak	360.00	200	Vertical	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.457	12.79	-27.80	29.5	16.71	Peak	360.00	200	Horizontal	Pass
2	127.946	14.34	-27.47	33.0	18.66	Peak	140.00	100	Horizontal	Pass
3	165.524	14.50	-26.21	33.0	18.50	Peak	258.00	200	Horizontal	Pass
4	287.956	18.57	-25.91	35.5	16.93	Peak	117.00	200	Horizontal	Pass
5	867.628	28.57	-11.37	35.5	6.93	Peak	0.00	100	Horizontal	Pass
6	967.028	30.62	-9.19	43.5	12.88	Peak	244.00	100	Horizontal	Pass

Note ¹: The spurious above 18G is noise only, do not show on the report.

Note ²: All the configurations were pre tested, only the worst configuration has been reported in this 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	1483.600	38.37	74.0	35.63	Peak	163.00	400	Horizontal	Pass
1**	1483.600	29.39	54.0	24.61	AV	163.00	400	Horizontal	Pass
2	4080.250	47.32	74.0	26.68	Peak	42.00	300	Horizontal	Pass
2**	4080.250	38.79	54.0	15.21	AV	42.00	300	Horizontal	Pass
3	5181.000	109.05	--	--	Peak	220.00	150	Horizontal	N/A
3**	5181.000	103.12	--	--	AV	220.00	150	Horizontal	N/A
4	7590.500	53.78	74.0	20.22	Peak	181.00	300	Horizontal	Pass
4**	7590.500	44.53	54.0	9.47	AV	181.00	300	Horizontal	Pass
5	12476.875	53.82	74.0	20.18	Peak	358.00	150	Horizontal	Pass
5**	12476.875	44.75	54.0	9.25	AV	358.00	150	Horizontal	Pass
6	15905.250	54.29	74.0	19.71	Peak	239.00	400	Horizontal	Pass
6**	15905.250	45.35	54.0	8.65	AV	239.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.200	40.73	74.0	33.27	Peak	263.00	100	Vertical	Pass
1**	1497.200	31.73	54.0	22.27	AV	263.00	100	Vertical	Pass
2	3987.250	48.35	74.0	25.65	Peak	103.00	200	Vertical	Pass
2**	3987.250	36.62	54.0	17.38	AV	103.00	200	Vertical	Pass
3	5179.250	101.46	--	--	Peak	62.00	150	Vertical	N/A
3**	5179.250	93.90	--	--	AV	62.00	150	Vertical	N/A
4	7354.250	53.66	74.0	20.34	Peak	260.00	300	Vertical	Pass
4**	7354.250	44.26	54.0	9.74	AV	260.00	300	Vertical	Pass
5	12476.875	53.60	74.0	20.40	Peak	280.00	150	Vertical	Pass
5**	12476.875	44.21	54.0	9.79	AV	280.00	150	Vertical	Pass
6	15904.463	54.13	74.0	19.87	Peak	285.00	100	Vertical	Pass
6**	15904.463	46.56	54.0	7.44	AV	285.00	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	1485.000	38.79	74.0	35.21	Peak	17.00	100	Horizontal	Pass
1**	1485.000	28.80	54.0	25.20	AV	17.00	100	Horizontal	Pass
2	4267.000	46.98	74.0	27.02	Peak	200.00	100	Horizontal	Pass
2**	4267.000	38.19	54.0	15.81	AV	200.00	100	Horizontal	Pass
3	5219.500	109.52	--	--	Peak	259.00	100	Horizontal	N/A
3**	5219.500	103.09	--	--	AV	259.00	100	Horizontal	N/A
4	7368.750	53.68	74.0	20.32	Peak	23.00	100	Horizontal	Pass
4**	7368.750	44.36	54.0	9.64	AV	23.00	100	Horizontal	Pass
5	12537.912	53.28	74.0	20.72	Peak	336.00	150	Horizontal	Pass
5**	12537.912	43.85	54.0	10.15	AV	336.00	150	Horizontal	Pass
6	16137.300	54.09	74.0	19.91	Peak	96.00	200	Horizontal	Pass
6**	16137.300	45.92	54.0	8.08	AV	96.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.600	39.19	74.0	34.81	Peak	155.00	100	Vertical	Pass
1**	1439.600	29.29	54.0	24.71	AV	155.00	100	Vertical	Pass
2	4118.500	47.69	74.0	26.31	Peak	89.00	400	Vertical	Pass
2**	4118.500	38.07	54.0	15.93	AV	89.00	400	Vertical	Pass
3	5219.250	102.51	--	--	Peak	69.00	100	Vertical	N/A
3**	5219.250	95.02	--	--	AV	69.00	100	Vertical	N/A
4	7419.250	53.60	74.0	20.40	Peak	48.00	400	Vertical	Pass
4**	7419.250	43.75	54.0	10.25	AV	48.00	400	Vertical	Pass
5	12499.675	53.89	74.0	20.11	Peak	215.00	200	Vertical	Pass
5**	12499.675	44.61	54.0	9.39	AV	215.00	200	Vertical	Pass
6	16082.962	54.84	74.0	19.16	Peak	54.00	300	Vertical	Pass
6**	16082.962	44.98	54.0	9.02	AV	54.00	300	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	1582.100	38.67	74.0	35.33	Peak	228.00	200	Horizontal	Pass
1**	1582.100	28.66	54.0	25.34	AV	228.00	200	Horizontal	Pass
2	4323.250	47.71	74.0	26.29	Peak	244.00	400	Horizontal	Pass
2**	4323.250	38.75	54.0	15.25	AV	244.00	400	Horizontal	Pass
3	5241.500	109.18	--	--	Peak	244.00	200	Horizontal	N/A
3**	5241.500	102.15	--	--	AV	244.00	200	Horizontal	N/A
4	7604.250	53.31	74.0	20.69	Peak	360.00	200	Horizontal	Pass
4**	7604.250	44.81	54.0	9.19	AV	360.00	200	Horizontal	Pass
5	12462.387	53.61	74.0	20.39	Peak	334.00	150	Horizontal	Pass
5**	12462.387	44.39	54.0	9.61	AV	334.00	150	Horizontal	Pass
6	16109.475	54.74	74.0	19.26	Peak	71.00	300	Horizontal	Pass
6**	16109.475	45.40	54.0	8.60	AV	71.00	300	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	1461.400	39.32	74.0	34.68	Peak	155.00	300	Vertical	Pass
1**	1461.400	28.94	54.0	25.06	AV	155.00	300	Vertical	Pass
2	4093.000	47.68	74.0	26.32	Peak	232.00	200	Vertical	Pass
2**	4093.000	37.11	54.0	16.89	AV	232.00	200	Vertical	Pass
3	5239.000	100.27	--	--	Peak	130.00	100	Vertical	N/A
3**	5239.000	93.51	--	--	AV	130.00	100	Vertical	N/A
4	7655.250	53.23	74.0	20.77	Peak	69.00	300	Vertical	Pass
4**	7655.250	44.68	54.0	9.32	AV	69.00	300	Vertical	Pass
5	12463.575	53.40	74.0	20.60	Peak	333.00	100	Vertical	Pass
5**	12463.575	44.07	54.0	9.93	AV	333.00	100	Vertical	Pass
6	16103.175	54.55	74.0	19.45	Peak	299.00	100	Vertical	Pass
6**	16103.175	44.79	54.0	9.21	AV	299.00	100	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	1613.400	38.57	74.0	35.43	Peak	324.00	300	Horizontal	Pass
1**	1613.400	29.19	54.0	24.81	AV	324.00	300	Horizontal	Pass
2	4348.750	46.77	74.0	27.23	Peak	23.00	200	Horizontal	Pass
2**	4348.750	38.35	54.0	15.65	AV	23.00	200	Horizontal	Pass
3	5180.500	108.46	--	--	Peak	243.00	200	Horizontal	N/A
3**	5180.500	101.64	--	--	AV	243.00	200	Horizontal	N/A
4	7592.500	52.99	74.0	21.01	Peak	343.00	100	Horizontal	Pass
4**	7592.500	44.43	54.0	9.57	AV	343.00	100	Horizontal	Pass
5	12524.849	53.28	74.0	20.72	Peak	281.00	200	Horizontal	Pass
5**	12524.849	44.20	54.0	9.80	AV	281.00	200	Horizontal	Pass
6	15888.451	54.35	74.0	19.65	Peak	82.00	400	Horizontal	Pass
6**	15888.451	45.04	54.0	8.96	AV	82.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	40.00	74.0	34.00	Peak	142.00	100	Vertical	Pass
1**	1496.900	31.73	54.0	22.27	AV	142.00	100	Vertical	Pass
2	4399.750	47.33	74.0	26.67	Peak	198.00	200	Vertical	Pass
2**	4399.750	39.61	54.0	14.39	AV	198.00	200	Vertical	Pass
3	5179.000	99.64	--	--	Peak	79.00	150	Vertical	N/A
3**	5179.000	92.70	--	--	AV	79.00	150	Vertical	N/A
4	7310.250	53.30	74.0	20.70	Peak	198.00	300	Vertical	Pass
4**	7310.250	43.86	54.0	10.14	AV	198.00	300	Vertical	Pass
5	12473.075	53.91	74.0	20.09	Peak	337.00	150	Vertical	Pass
5**	12473.075	45.31	54.0	8.69	AV	337.00	150	Vertical	Pass
6	16124.963	54.84	74.0	19.16	Peak	307.00	300	Vertical	Pass
6**	16124.963	45.22	54.0	8.78	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	38.63	74.0	35.37	Peak	52.00	100	Horizontal	Pass
1**	1499.900	29.28	54.0	24.72	AV	52.00	100	Horizontal	Pass
2	4266.250	47.05	74.0	26.95	Peak	111.00	300	Horizontal	Pass
2**	4266.250	38.06	54.0	15.94	AV	111.00	300	Horizontal	Pass
3	5219.250	109.49	--	--	Peak	255.00	200	Horizontal	N/A
3**	5219.250	102.72	--	--	AV	255.00	200	Horizontal	N/A
4	7593.250	53.41	74.0	20.59	Peak	215.00	100	Horizontal	Pass
4**	7593.250	44.22	54.0	9.78	AV	215.00	100	Horizontal	Pass
5	12471.650	53.81	74.0	20.19	Peak	195.00	200	Horizontal	Pass
5**	12471.650	44.71	54.0	9.29	AV	195.00	200	Horizontal	Pass
6	15901.575	54.55	74.0	19.45	Peak	215.00	300	Horizontal	Pass
6**	15901.575	45.80	54.0	8.20	AV	215.00	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	1476.700	38.71	74.0	35.29	Peak	152.00	100	Vertical	Pass
1**	1476.700	29.14	54.0	24.86	AV	152.00	100	Vertical	Pass
2	4289.000	47.43	74.0	26.57	Peak	230.00	400	Vertical	Pass
2**	4289.000	38.23	54.0	15.77	AV	230.00	400	Vertical	Pass
3	5221.000	101.36	--	--	Peak	87.00	100	Vertical	N/A
3**	5221.000	94.17	--	--	AV	87.00	100	Vertical	N/A
4	7363.250	53.19	74.0	20.81	Peak	87.00	400	Vertical	Pass
4**	7363.250	44.30	54.0	9.70	AV	87.00	400	Vertical	Pass
5	12502.287	53.64	74.0	20.36	Peak	172.00	100	Vertical	Pass
5**	12502.287	45.06	54.0	8.94	AV	172.00	100	Vertical	Pass
6	15908.924	54.47	74.0	19.53	Peak	103.00	300	Vertical	Pass
6**	15908.924	45.16	54.0	8.84	AV	103.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	38.15	74.0	35.85	Peak	273.00	300	Horizontal	Pass
1**	1626.300	29.56	54.0	24.44	AV	273.00	300	Horizontal	Pass
2	4042.250	47.31	74.0	26.69	Peak	360.00	100	Horizontal	Pass
2**	4042.250	37.53	54.0	16.47	AV	360.00	100	Horizontal	Pass
3	5239.000	108.93	--	--	Peak	243.00	100	Horizontal	N/A
3**	5239.000	102.69	--	--	AV	243.00	100	Horizontal	N/A
4	7427.500	53.41	74.0	20.59	Peak	84.00	200	Horizontal	Pass
4**	7427.500	43.71	54.0	10.29	AV	84.00	200	Horizontal	Pass
5	12523.425	53.93	74.0	20.07	Peak	207.00	150	Horizontal	Pass
5**	12523.425	44.86	54.0	9.14	AV	207.00	150	Horizontal	Pass
6	15905.776	54.71	74.0	19.29	Peak	94.00	200	Horizontal	Pass
6**	15905.776	44.83	54.0	9.17	AV	94.00	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	1497.000	38.49	74.0	35.51	Peak	170.00	400	Vertical	Pass
1**	1497.000	29.40	54.0	24.60	AV	170.00	400	Vertical	Pass
2	4305.750	47.56	74.0	26.44	Peak	295.00	400	Vertical	Pass
2**	4305.750	37.84	54.0	16.16	AV	295.00	400	Vertical	Pass
3	5239.000	100.88	--	--	Peak	69.00	200	Vertical	N/A
3**	5239.000	93.14	--	--	AV	69.00	200	Vertical	N/A
4	7364.500	53.08	74.0	20.92	Peak	26.00	100	Vertical	Pass
4**	7364.500	43.95	54.0	10.05	AV	26.00	100	Vertical	Pass
5	12444.100	53.43	74.0	20.57	Peak	0.00	200	Vertical	Pass
5**	12444.100	43.86	54.0	10.14	AV	0.00	200	Vertical	Pass
6	15902.099	54.37	74.0	19.63	Peak	238.00	100	Vertical	Pass
6**	15902.099	45.41	54.0	8.59	AV	238.00	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	1495.400	38.97	74.0	35.03	Peak	172.00	200	Horizontal	Pass
1**	1495.400	30.50	54.0	23.50	AV	172.00	200	Horizontal	Pass
2	4263.250	47.17	74.0	26.83	Peak	231.00	400	Horizontal	Pass
2**	4263.250	38.11	54.0	15.89	AV	231.00	400	Horizontal	Pass
3	5191.500	104.76	--	--	Peak	250.00	150	Horizontal	N/A
3**	5191.500	97.14	--	--	AV	250.00	150	Horizontal	N/A
4	7646.000	53.26	74.0	20.74	Peak	129.00	100	Horizontal	Pass
4**	7646.000	44.24	54.0	9.76	AV	129.00	100	Horizontal	Pass
5	12484.712	53.59	74.0	20.41	Peak	332.00	100	Horizontal	Pass
5**	12484.712	45.48	54.0	8.52	AV	332.00	100	Horizontal	Pass
6	15926.250	54.37	74.0	19.63	Peak	66.00	300	Horizontal	Pass
6**	15926.250	44.87	54.0	9.13	AV	66.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.400	39.26	74.0	34.74	Peak	165.00	400	Vertical	Pass
1**	1441.400	29.59	54.0	24.41	AV	165.00	400	Vertical	Pass
2	4281.250	47.27	74.0	26.73	Peak	192.00	400	Vertical	Pass
2**	4281.250	38.40	54.0	15.60	AV	192.00	400	Vertical	Pass
3	5192.000	94.22	--	--	Peak	69.00	150	Vertical	N/A
3**	5192.000	86.95	--	--	AV	69.00	150	Vertical	N/A
4	7370.000	52.93	74.0	21.07	Peak	6.00	400	Vertical	Pass
4**	7370.000	44.18	54.0	9.82	AV	6.00	400	Vertical	Pass
5	12448.375	54.28	74.0	19.72	Peak	294.00	200	Vertical	Pass
5**	12448.375	44.92	54.0	9.08	AV	294.00	200	Vertical	Pass
6	16143.337	54.34	74.0	19.66	Peak	221.00	300	Vertical	Pass
6**	16143.337	45.34	54.0	8.66	AV	221.00	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	1587.000	38.43	74.0	35.57	Peak	184.00	300	Horizontal	Pass
1**	1587.000	30.26	54.0	23.74	AV	184.00	300	Horizontal	Pass
2	4358.500	47.36	74.0	26.64	Peak	206.00	200	Horizontal	Pass
2**	4358.500	37.53	54.0	16.47	AV	206.00	200	Horizontal	Pass
3	5232.000	107.65	--	--	Peak	265.00	200	Horizontal	N/A
3**	5232.000	99.78	--	--	AV	265.00	200	Horizontal	N/A
4	7374.500	53.43	74.0	20.57	Peak	325.00	100	Horizontal	Pass
4**	7374.500	43.73	54.0	10.27	AV	325.00	100	Horizontal	Pass
5	12533.162	53.37	74.0	20.63	Peak	304.00	150	Horizontal	Pass
5**	12533.162	43.30	54.0	10.70	AV	304.00	150	Horizontal	Pass
6	15919.425	54.52	74.0	19.48	Peak	311.00	400	Horizontal	Pass
6**	15919.425	45.12	54.0	8.88	AV	311.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.700	38.32	74.0	35.68	Peak	153.00	300	Vertical	Pass
1**	1503.700	29.30	54.0	24.70	AV	153.00	300	Vertical	Pass
2	4205.750	47.49	74.0	26.51	Peak	360.00	300	Vertical	Pass
2**	4205.750	38.16	54.0	15.84	AV	360.00	300	Vertical	Pass
3	5227.000	96.79	--	--	Peak	125.00	150	Vertical	N/A
3**	5227.000	89.80	--	--	AV	125.00	150	Vertical	N/A
4	7641.750	53.83	74.0	20.17	Peak	344.00	100	Vertical	Pass
4**	7641.750	44.14	54.0	9.86	AV	344.00	100	Vertical	Pass
5	12522.237	52.98	74.0	21.02	Peak	282.00	100	Vertical	Pass
5**	12522.237	44.04	54.0	9.96	AV	282.00	100	Vertical	Pass
6	15899.213	55.75	74.0	18.25	Peak	274.00	300	Vertical	Pass
6**	15899.213	44.98	54.0	9.02	AV	274.00	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	1615.000	38.86	74.0	35.14	Peak	0.00	100	Horizontal	Pass
1**	1615.000	29.04	54.0	24.96	AV	0.00	100	Horizontal	Pass
2	4327.000	47.65	74.0	26.35	Peak	360.00	100	Horizontal	Pass
2**	4327.000	37.55	54.0	16.45	AV	360.00	100	Horizontal	Pass
3	5179.000	108.70	--	--	Peak	244.00	200	Horizontal	N/A
3**	5179.000	101.53	--	--	AV	244.00	200	Horizontal	N/A
4	7480.500	53.22	74.0	20.78	Peak	23.00	200	Horizontal	Pass
4**	7480.500	43.98	54.0	10.02	AV	23.00	200	Horizontal	Pass
5	12543.612	53.90	74.0	20.10	Peak	80.00	200	Horizontal	Pass
5**	12543.612	43.84	54.0	10.16	AV	80.00	200	Horizontal	Pass
6	16116.037	54.96	74.0	19.04	Peak	120.00	100	Horizontal	Pass
6**	16116.037	46.53	54.0	7.47	AV	120.00	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	1496.600	40.85	74.0	33.15	Peak	133.00	300	Vertical	Pass
1**	1496.600	32.20	54.0	21.80	AV	133.00	300	Vertical	Pass
2	4260.000	47.78	74.0	26.22	Peak	360.00	100	Vertical	Pass
2**	4260.000	38.88	54.0	15.12	AV	360.00	100	Vertical	Pass
3	5181.000	100.25	--	--	Peak	60.00	200	Vertical	N/A
3**	5181.000	92.40	--	--	AV	60.00	200	Vertical	N/A
4	7706.250	53.72	74.0	20.28	Peak	278.00	300	Vertical	Pass
4**	7706.250	44.06	54.0	9.94	AV	278.00	300	Vertical	Pass
5	12436.737	54.06	74.0	19.94	Peak	303.00	200	Vertical	Pass
5**	12436.737	43.94	54.0	10.06	AV	303.00	200	Vertical	Pass
6	15827.812	54.31	74.0	19.69	Peak	23.00	300	Vertical	Pass
6**	15827.812	44.56	54.0	9.44	AV	23.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.200	39.13	74.0	34.87	Peak	98.00	400	Horizontal	Pass
1**	1573.200	28.64	54.0	25.36	AV	98.00	400	Horizontal	Pass
2	4325.500	47.56	74.0	26.44	Peak	174.00	400	Horizontal	Pass
2**	4325.500	38.31	54.0	15.69	AV	174.00	400	Horizontal	Pass
3	5219.250	109.28	--	--	Peak	258.00	100	Horizontal	N/A
3**	5219.250	104.13	--	--	AV	258.00	100	Horizontal	N/A
4	7591.750	53.24	74.0	20.76	Peak	47.00	400	Horizontal	Pass
4**	7591.750	44.51	54.0	9.49	AV	47.00	400	Horizontal	Pass
5	12498.250	53.77	74.0	20.23	Peak	222.00	100	Horizontal	Pass
5**	12498.250	45.21	54.0	8.79	AV	222.00	100	Horizontal	Pass
6	16107.638	54.15	74.0	19.85	Peak	48.00	100	Horizontal	Pass
6**	16107.638	45.64	54.0	8.36	AV	48.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.800	38.98	74.0	35.02	Peak	142.00	300	Vertical	Pass
1**	1453.800	30.67	54.0	23.33	AV	142.00	300	Vertical	Pass
2	4111.000	47.57	74.0	26.43	Peak	208.00	400	Vertical	Pass
2**	4111.000	37.80	54.0	16.20	AV	208.00	400	Vertical	Pass
3	5219.250	101.92	--	--	Peak	86.00	100	Vertical	N/A
3**	5219.250	95.06	--	--	AV	86.00	100	Vertical	N/A
4	7600.250	53.88	74.0	20.12	Peak	188.00	100	Vertical	Pass
4**	7600.250	44.79	54.0	9.21	AV	188.00	100	Vertical	Pass
5	12470.225	53.42	74.0	20.58	Peak	244.00	100	Vertical	Pass
5**	12470.225	44.65	54.0	9.35	AV	244.00	100	Vertical	Pass
6	15906.300	54.40	74.0	19.60	Peak	36.00	200	Vertical	Pass
6**	15906.300	45.76	54.0	8.24	AV	36.00	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	1616.400	38.73	74.0	35.27	Peak	150.00	400	Horizontal	Pass
1**	1616.400	30.31	54.0	23.69	AV	150.00	400	Horizontal	Pass
2	4292.250	47.13	74.0	26.87	Peak	360.00	100	Horizontal	Pass
2**	4292.250	37.68	54.0	16.32	AV	360.00	100	Horizontal	Pass
3	5240.250	109.32	--	--	Peak	258.00	150	Horizontal	N/A
3**	5240.250	102.39	--	--	AV	258.00	150	Horizontal	N/A
4	7362.750	53.44	74.0	20.56	Peak	6.00	100	Horizontal	Pass
4**	7362.750	44.67	54.0	9.33	AV	6.00	100	Horizontal	Pass
5	12498.250	53.94	74.0	20.06	Peak	191.00	150	Horizontal	Pass
5**	12498.250	43.83	54.0	10.17	AV	191.00	150	Horizontal	Pass
6	16101.599	54.01	74.0	19.99	Peak	287.00	300	Horizontal	Pass
6**	16101.599	44.94	54.0	9.06	AV	287.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.300	38.85	74.0	35.15	Peak	336.00	400	Vertical	Pass
1**	1501.300	28.88	54.0	25.12	AV	336.00	400	Vertical	Pass
2	4394.750	47.06	74.0	26.94	Peak	124.00	200	Vertical	Pass
2**	4394.750	38.52	54.0	15.48	AV	124.00	200	Vertical	Pass
3	5239.250	99.93	--	--	Peak	84.00	150	Vertical	N/A
3**	5239.250	92.98	--	--	AV	84.00	150	Vertical	N/A
4	7646.750	53.42	74.0	20.58	Peak	360.00	200	Vertical	Pass
4**	7646.750	43.75	54.0	10.25	AV	360.00	200	Vertical	Pass
5	12471.888	53.32	74.0	20.68	Peak	0.00	200	Vertical	Pass
5**	12471.888	44.23	54.0	9.77	AV	0.00	200	Vertical	Pass
6	15907.613	54.43	74.0	19.57	Peak	2.00	300	Vertical	Pass
6**	15907.613	45.17	54.0	8.83	AV	2.00	300	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	1609.600	39.10	74.0	34.90	Peak	104.00	400	Horizontal	Pass
1**	1609.600	29.30	54.0	24.70	AV	104.00	400	Horizontal	Pass
2	4346.500	47.76	74.0	26.24	Peak	156.00	200	Horizontal	Pass
2**	4346.500	38.80	54.0	15.20	AV	156.00	200	Horizontal	Pass
3	5191.250	104.26	--	--	Peak	258.00	200	Horizontal	N/A
3**	5191.250	96.99	--	--	AV	258.00	200	Horizontal	N/A
4	7658.250	53.21	74.0	20.79	Peak	360.00	100	Horizontal	Pass
4**	7658.250	43.62	54.0	10.38	AV	360.00	100	Horizontal	Pass
5	12461.200	53.20	74.0	20.80	Peak	70.00	150	Horizontal	Pass
5**	12461.200	44.55	54.0	9.45	AV	70.00	150	Horizontal	Pass
6	15913.912	54.03	74.0	19.97	Peak	6.00	300	Horizontal	Pass
6**	15913.912	46.20	54.0	7.80	AV	6.00	300	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	1592.500	38.57	74.0	35.43	Peak	188.00	200	Vertical	Pass
1**	1592.500	29.44	54.0	24.56	AV	188.00	200	Vertical	Pass
2	4207.500	47.39	74.0	26.61	Peak	108.00	100	Vertical	Pass
2**	4207.500	37.96	54.0	16.04	AV	108.00	100	Vertical	Pass
3	5191.750	94.35	--	--	Peak	69.00	150	Vertical	N/A
3**	5191.750	86.19	--	--	AV	69.00	150	Vertical	N/A
4	7583.750	53.20	74.0	20.80	Peak	69.00	400	Vertical	Pass
4**	7583.750	44.27	54.0	9.73	AV	69.00	400	Vertical	Pass
5	12522.951	53.37	74.0	20.63	Peak	356.00	100	Vertical	Pass
5**	12522.951	44.43	54.0	9.57	AV	356.00	100	Vertical	Pass
6	16106.849	54.00	74.0	20.00	Peak	274.00	100	Vertical	Pass
6**	16106.849	45.95	54.0	8.05	AV	274.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.000	38.99	74.0	35.01	Peak	206.00	200	Horizontal	Pass
1**	1617.000	28.87	54.0	25.13	AV	206.00	200	Horizontal	Pass
2	4365.500	47.29	74.0	26.71	Peak	89.00	400	Horizontal	Pass
2**	4365.500	37.43	54.0	16.57	AV	89.00	400	Horizontal	Pass
3	5233.250	107.20	--	--	Peak	269.00	200	Horizontal	N/A
3**	5233.250	100.47	--	--	AV	269.00	200	Horizontal	N/A
4	7412.000	53.43	74.0	20.57	Peak	149.00	200	Horizontal	Pass
4**	7412.000	42.58	54.0	11.42	AV	149.00	200	Horizontal	Pass
5	12479.250	53.75	74.0	20.25	Peak	0.00	150	Horizontal	Pass
5**	12479.250	44.63	54.0	9.37	AV	0.00	150	Horizontal	Pass
6	16100.813	54.51	74.0	19.49	Peak	330.00	100	Horizontal	Pass
6**	16100.813	45.18	54.0	8.82	AV	330.00	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	1496.800	39.23	74.0	34.77	Peak	148.00	100	Vertical	Pass
1**	1496.800	29.71	54.0	24.29	AV	148.00	100	Vertical	Pass
2	4347.500	47.47	74.0	26.53	Peak	226.00	300	Vertical	Pass
2**	4347.500	38.47	54.0	15.53	AV	226.00	300	Vertical	Pass
3	5232.250	97.34	--	--	Peak	86.00	100	Vertical	N/A
3**	5232.250	89.84	--	--	AV	86.00	100	Vertical	N/A
4	7615.250	53.11	74.0	20.89	Peak	360.00	200	Vertical	Pass
4**	7615.250	43.78	54.0	10.22	AV	360.00	200	Vertical	Pass
5	12458.112	53.28	74.0	20.72	Peak	20.00	100	Vertical	Pass
5**	12458.112	43.96	54.0	10.04	AV	20.00	100	Vertical	Pass
6	15883.987	54.49	74.0	19.51	Peak	253.00	400	Vertical	Pass
6**	15883.987	45.17	54.0	8.83	AV	253.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.300	38.51	74.0	35.49	Peak	174.00	100	Horizontal	Pass
1**	1531.300	29.04	54.0	24.96	AV	174.00	100	Horizontal	Pass
2	4333.750	47.51	74.0	26.49	Peak	246.00	400	Horizontal	Pass
2**	4333.750	38.27	54.0	15.73	AV	246.00	400	Horizontal	Pass
3	5206.500	105.33	--	--	Peak	246.00	150	Horizontal	N/A
3**	5206.500	98.94	--	--	AV	246.00	150	Horizontal	N/A
4	7601.250	52.91	74.0	21.09	Peak	4.00	100	Horizontal	Pass
4**	7601.250	43.96	54.0	10.04	AV	4.00	100	Horizontal	Pass
5	12475.213	53.61	74.0	20.39	Peak	36.00	150	Horizontal	Pass
5**	12475.213	44.55	54.0	9.45	AV	36.00	150	Horizontal	Pass
6	15873.750	53.99	74.0	20.01	Peak	4.00	100	Horizontal	Pass
6**	15873.750	44.99	54.0	9.01	AV	4.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.01	74.0	34.99	Peak	206.00	100	Vertical	Pass
1**	1500.400	30.81	54.0	23.19	AV	206.00	100	Vertical	Pass
2	4352.000	47.89	74.0	26.11	Peak	86.00	100	Vertical	Pass
2**	4352.000	37.70	54.0	16.30	AV	86.00	100	Vertical	Pass
3	5215.750	95.69	--	--	Peak	67.00	150	Vertical	N/A
3**	5215.750	88.44	--	--	AV	67.00	150	Vertical	N/A
4	7425.000	53.30	74.0	20.70	Peak	360.00	200	Vertical	Pass
4**	7425.000	43.78	54.0	10.22	AV	360.00	200	Vertical	Pass
5	12465.000	53.39	74.0	20.61	Peak	281.00	100	Vertical	Pass
5**	12465.000	44.30	54.0	9.70	AV	281.00	100	Vertical	Pass
6	15926.250	53.87	74.0	20.13	Peak	271.00	100	Vertical	Pass
6**	15926.250	45.21	54.0	8.79	AV	271.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.000	38.10	74.0	35.90	Peak	97.00	400	Horizontal	Pass
1**	1605.000	29.62	54.0	24.38	AV	97.00	400	Horizontal	Pass
2	4338.750	47.16	74.0	26.84	Peak	48.00	100	Horizontal	Pass
2**	4338.750	37.61	54.0	16.39	AV	48.00	100	Horizontal	Pass
3	5259.250	108.93	--	--	Peak	229.00	100	Horizontal	N/A
3**	5259.250	103.34	--	--	AV	229.00	100	Horizontal	N/A
4	7586.750	52.96	74.0	21.04	Peak	289.00	400	Horizontal	Pass
4**	7586.750	43.53	54.0	10.47	AV	289.00	400	Horizontal	Pass
5	12501.100	53.72	74.0	20.28	Peak	254.00	150	Horizontal	Pass
5**	12501.100	44.55	54.0	9.45	AV	254.00	150	Horizontal	Pass
6	15917.062	54.48	74.0	19.52	Peak	164.00	300	Horizontal	Pass
6**	15917.062	44.81	54.0	9.19	AV	164.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.700	39.03	74.0	34.97	Peak	121.00	100	Vertical	Pass
1**	1621.700	28.72	54.0	25.28	AV	121.00	100	Vertical	Pass
2	4096.250	47.99	74.0	26.01	Peak	166.00	100	Vertical	Pass
2**	4096.250	38.02	54.0	15.98	AV	166.00	100	Vertical	Pass
3	5258.750	100.16	--	--	Peak	88.00	100	Vertical	N/A
3**	5258.750	93.09	--	--	AV	88.00	100	Vertical	N/A
4	7599.250	53.77	74.0	20.23	Peak	360.00	300	Vertical	Pass
4**	7599.250	45.13	54.0	8.87	AV	360.00	300	Vertical	Pass
5	12472.125	53.69	74.0	20.31	Peak	0.00	100	Vertical	Pass
5**	12472.125	44.27	54.0	9.73	AV	0.00	100	Vertical	Pass
6	15958.013	54.58	74.0	19.42	Peak	65.00	100	Vertical	Pass
6**	15958.013	44.09	54.0	9.91	AV	65.00	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	1512.400	38.98	74.0	35.02	Peak	360.00	400	Horizontal	Pass
1**	1512.400	29.45	54.0	24.55	AV	360.00	400	Horizontal	Pass
2	4334.750	47.07	74.0	26.93	Peak	226.00	400	Horizontal	Pass
2**	4334.750	38.43	54.0	15.57	AV	226.00	400	Horizontal	Pass
3	5300.500	109.08	--	--	Peak	246.00	200	Horizontal	N/A
3**	5300.500	102.19	--	--	AV	246.00	200	Horizontal	N/A
4	7441.750	53.15	74.0	20.85	Peak	96.00	100	Horizontal	Pass
4**	7441.750	43.24	54.0	10.76	AV	96.00	100	Horizontal	Pass
5	11503.126	53.15	74.0	20.85	Peak	0.00	200	Horizontal	Pass
5**	11503.126	42.65	54.0	11.35	AV	0.00	200	Horizontal	Pass
6	15894.225	53.90	74.0	20.10	Peak	86.00	200	Horizontal	Pass
6**	15894.225	45.05	54.0	8.95	AV	86.00	200	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	1496.900	38.75	74.0	35.25	Peak	82.00	100	Vertical	Pass
1**	1496.900	31.07	54.0	22.93	AV	82.00	100	Vertical	Pass
2	4242.750	47.70	74.0	26.30	Peak	159.00	300	Vertical	Pass
2**	4242.750	39.08	54.0	14.92	AV	159.00	300	Vertical	Pass
3	5299.000	101.12	--	--	Peak	76.00	150	Vertical	N/A
3**	5299.000	93.45	--	--	AV	76.00	150	Vertical	N/A
4	7619.000	53.22	74.0	20.78	Peak	8.00	300	Vertical	Pass
4**	7619.000	43.61	54.0	10.39	AV	8.00	300	Vertical	Pass
5	12523.187	53.41	74.0	20.59	Peak	243.00	150	Vertical	Pass
5**	12523.187	44.04	54.0	9.96	AV	243.00	150	Vertical	Pass
6	15629.362	54.28	74.0	19.72	Peak	151.00	300	Vertical	Pass
6**	15629.362	43.72	54.0	10.28	AV	151.00	300	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	1454.900	38.56	74.0	35.44	Peak	56.00	200	Horizontal	Pass
1**	1454.900	28.87	54.0	25.13	AV	56.00	200	Horizontal	Pass
2	4350.250	47.48	74.0	26.52	Peak	31.00	400	Horizontal	Pass
2**	4350.250	37.77	54.0	16.23	AV	31.00	400	Horizontal	Pass
3	5321.500	108.10	--	--	Peak	253.00	150	Horizontal	N/A
3**	5321.500	102.11	--	--	AV	253.00	150	Horizontal	N/A
4	7674.750	53.63	74.0	20.37	Peak	151.00	400	Horizontal	Pass
4**	7674.750	43.11	54.0	10.89	AV	151.00	400	Horizontal	Pass
5	12503.713	53.53	74.0	20.47	Peak	340.00	150	Horizontal	Pass
5**	12503.713	44.81	54.0	9.19	AV	340.00	150	Horizontal	Pass
6	15917.587	54.89	74.0	19.11	Peak	146.00	400	Horizontal	Pass
6**	15917.587	45.31	54.0	8.69	AV	146.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	40.84	74.0	33.16	Peak	153.00	300	Vertical	Pass
1**	1496.700	29.25	54.0	24.75	AV	153.00	300	Vertical	Pass
2	4305.250	47.23	74.0	26.77	Peak	153.00	400	Vertical	Pass
2**	4305.250	38.22	54.0	15.78	AV	153.00	400	Vertical	Pass
3	5319.000	98.34	--	--	Peak	71.00	200	Vertical	N/A
3**	5319.000	91.47	--	--	AV	71.00	200	Vertical	N/A
4	7377.500	53.47	74.0	20.53	Peak	132.00	100	Vertical	Pass
4**	7377.500	43.03	54.0	10.97	AV	132.00	100	Vertical	Pass
5	12498.962	53.16	74.0	20.84	Peak	360.00	150	Vertical	Pass
5**	12498.962	43.80	54.0	10.20	AV	360.00	150	Vertical	Pass
6	15908.138	53.93	74.0	20.07	Peak	291.00	100	Vertical	Pass
6**	15908.138	44.96	54.0	9.04	AV	291.00	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	1499.600	39.12	74.0	34.88	Peak	70.00	100	Vertical	Pass
1**	1499.600	28.70	54.0	25.30	AV	70.00	100	Vertical	Pass
2	4329.250	47.77	74.0	26.23	Peak	360.00	100	Vertical	Pass
2**	4329.250	38.56	54.0	15.44	AV	360.00	100	Vertical	Pass
3	5259.000	100.82	--	--	Peak	67.00	100	Vertical	N/A
3**	5259.000	93.53	--	--	AV	67.00	100	Vertical	N/A
4	7599.500	53.40	74.0	20.60	Peak	106.00	300	Vertical	Pass
4**	7599.500	44.53	54.0	9.47	AV	106.00	300	Vertical	Pass
5	12488.275	52.85	74.0	21.15	Peak	143.00	150	Vertical	Pass
5**	12488.275	43.93	54.0	10.07	AV	143.00	150	Vertical	Pass
6	15881.099	54.12	74.0	19.88	Peak	164.00	300	Vertical	Pass
6**	15881.099	44.97	54.0	9.03	AV	164.00	300	Vertical	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	1590.900	38.82	74.0	35.18	Peak	9.00	400	Vertical	Pass
1**	1590.900	29.39	54.0	24.61	AV	9.00	400	Vertical	Pass
2	4265.000	47.22	74.0	26.78	Peak	207.00	300	Vertical	Pass
2**	4265.000	36.91	54.0	17.09	AV	207.00	300	Vertical	Pass
3	5259.000	100.84	--	--	Peak	87.00	100	Vertical	N/A
3**	5259.000	93.69	--	--	AV	87.00	100	Vertical	N/A
4	7424.500	53.06	74.0	20.94	Peak	147.00	200	Vertical	Pass
4**	7424.500	43.70	54.0	10.30	AV	147.00	200	Vertical	Pass
5	12479.013	53.46	74.0	20.54	Peak	123.00	100	Vertical	Pass
5**	12479.013	45.06	54.0	8.94	AV	123.00	100	Vertical	Pass
6	16120.237	54.56	74.0	19.44	Peak	310.00	400	Vertical	Pass
6**	16120.237	45.13	54.0	8.87	AV	310.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.200	39.03	74.0	34.97	Peak	303.00	200	Horizontal	Pass
1**	1626.200	29.58	54.0	24.42	AV	303.00	200	Horizontal	Pass
2	4333.500	47.60	74.0	26.40	Peak	74.00	300	Horizontal	Pass
2**	4333.500	38.17	54.0	15.83	AV	74.00	300	Horizontal	Pass
3	5299.000	109.26	--	--	Peak	243.00	150	Horizontal	N/A
3**	5299.000	102.61	--	--	AV	243.00	150	Horizontal	N/A
4	7645.500	53.10	74.0	20.90	Peak	347.00	100	Horizontal	Pass
4**	7645.500	44.46	54.0	9.54	AV	347.00	100	Horizontal	Pass
5	12500.862	54.01	74.0	19.99	Peak	360.00	200	Horizontal	Pass
5**	12500.862	44.33	54.0	9.67	AV	360.00	200	Horizontal	Pass
6	16114.201	54.19	74.0	19.81	Peak	345.00	200	Horizontal	Pass
6**	16114.201	45.63	54.0	8.37	AV	345.00	200	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	1499.400	39.06	74.0	34.94	Peak	147.00	200	Vertical	Pass
1**	1499.400	31.17	54.0	22.83	AV	147.00	200	Vertical	Pass
2	3998.250	47.87	74.0	26.13	Peak	113.00	200	Vertical	Pass
2**	3998.250	36.71	54.0	17.29	AV	113.00	200	Vertical	Pass
3	5301.000	100.28	--	--	Peak	72.00	100	Vertical	N/A
3**	5301.000	93.45	--	--	AV	72.00	100	Vertical	N/A
4	7595.000	53.52	74.0	20.48	Peak	309.00	100	Vertical	Pass
4**	7595.000	44.58	54.0	9.42	AV	309.00	100	Vertical	Pass
5	12462.151	53.29	74.0	20.71	Peak	119.00	200	Vertical	Pass
5**	12462.151	45.53	54.0	8.47	AV	119.00	200	Vertical	Pass
6	15893.701	54.59	74.0	19.41	Peak	319.00	200	Vertical	Pass
6**	15893.701	44.55	54.0	9.45	AV	319.00	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	1494.400	39.36	74.0	34.64	Peak	170.00	100	Horizontal	Pass
1**	1494.400	30.10	54.0	23.90	AV	170.00	100	Horizontal	Pass
2	4162.500	47.00	74.0	27.00	Peak	272.00	100	Horizontal	Pass
2**	4162.500	38.27	54.0	15.73	AV	272.00	100	Horizontal	Pass
3	5321.000	108.24	--	--	Peak	252.00	200	Horizontal	N/A
3**	5321.000	101.51	--	--	AV	252.00	200	Horizontal	N/A
4	7645.500	53.88	74.0	20.12	Peak	6.00	300	Horizontal	Pass
4**	7645.500	44.44	54.0	9.56	AV	6.00	300	Horizontal	Pass
5	12504.901	53.38	74.0	20.62	Peak	219.00	200	Horizontal	Pass
5**	12504.901	44.47	54.0	9.53	AV	219.00	200	Horizontal	Pass
6	16110.788	54.63	74.0	19.37	Peak	287.00	300	Horizontal	Pass
6**	16110.788	45.55	54.0	8.45	AV	287.00	300	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	1497.700	39.22	74.0	34.78	Peak	162.00	100	Vertical	Pass
1**	1497.700	30.24	54.0	23.76	AV	162.00	100	Vertical	Pass
2	4286.250	47.76	74.0	26.24	Peak	6.00	100	Vertical	Pass
2**	4286.250	38.91	54.0	15.09	AV	6.00	100	Vertical	Pass
3	5321.000	98.75	--	--	Peak	69.00	100	Vertical	N/A
3**	5321.000	92.05	--	--	AV	69.00	100	Vertical	N/A
4	7601.000	53.15	74.0	20.85	Peak	291.00	100	Vertical	Pass
4**	7601.000	44.39	54.0	9.61	AV	291.00	100	Vertical	Pass
5	12465.713	53.93	74.0	20.07	Peak	64.00	200	Vertical	Pass
5**	12465.713	44.55	54.0	9.45	AV	64.00	200	Vertical	Pass
6	16105.275	54.16	74.0	19.84	Peak	236.00	400	Vertical	Pass
6**	16105.275	44.70	54.0	9.30	AV	236.00	400	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	1579.000	38.89	74.0	35.11	Peak	80.00	100	Horizontal	Pass
1**	1579.000	29.62	54.0	24.38	AV	80.00	100	Horizontal	Pass
2	4334.750	47.89	74.0	26.11	Peak	151.00	200	Horizontal	Pass
2**	4334.750	38.22	54.0	15.78	AV	151.00	200	Horizontal	Pass
3	5271.500	106.73	--	--	Peak	229.00	200	Horizontal	N/A
3**	5271.500	99.28	--	--	AV	229.00	200	Horizontal	N/A
4	7355.500	53.29	74.0	20.71	Peak	171.00	100	Horizontal	Pass
4**	7355.500	43.65	54.0	10.35	AV	171.00	100	Horizontal	Pass
5	12514.400	54.23	74.0	19.77	Peak	306.00	200	Horizontal	Pass
5**	12514.400	44.86	54.0	9.14	AV	306.00	200	Horizontal	Pass
6	16118.138	54.41	74.0	19.59	Peak	256.00	300	Horizontal	Pass
6**	16118.138	45.43	54.0	8.57	AV	256.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	39.42	74.0	34.58	Peak	285.00	400	Vertical	Pass
1**	1493.200	28.86	54.0	25.14	AV	285.00	400	Vertical	Pass
2	4353.250	47.78	74.0	26.22	Peak	173.00	100	Vertical	Pass
2**	4353.250	38.00	54.0	16.00	AV	173.00	100	Vertical	Pass
3	5273.500	96.82	--	--	Peak	72.00	150	Vertical	N/A
3**	5273.500	89.41	--	--	AV	72.00	150	Vertical	N/A
4	7645.000	53.84	74.0	20.16	Peak	8.00	100	Vertical	Pass
4**	7645.000	44.25	54.0	9.75	AV	8.00	100	Vertical	Pass
5	12498.725	53.13	74.0	20.87	Peak	123.00	150	Vertical	Pass
5**	12498.725	44.12	54.0	9.88	AV	123.00	150	Vertical	Pass
6	16128.638	54.27	74.0	19.73	Peak	360.00	200	Vertical	Pass
6**	16128.638	45.58	54.0	8.42	AV	360.00	200	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	1620.500	38.68	74.0	35.32	Peak	353.00	200	Horizontal	Pass
1**	1620.500	28.93	54.0	25.07	AV	353.00	200	Horizontal	Pass
2	4319.750	47.61	74.0	26.39	Peak	8.00	200	Horizontal	Pass
2**	4319.750	38.38	54.0	15.62	AV	8.00	200	Horizontal	Pass
3	5311.750	103.56	--	--	Peak	272.00	150	Horizontal	N/A
3**	5311.750	96.35	--	--	AV	272.00	150	Horizontal	N/A
4	7367.500	53.98	74.0	20.02	Peak	113.00	400	Horizontal	Pass
4**	7367.500	44.46	54.0	9.54	AV	113.00	400	Horizontal	Pass
5	12485.662	53.20	74.0	20.80	Peak	312.00	200	Horizontal	Pass
5**	12485.662	44.28	54.0	9.72	AV	312.00	200	Horizontal	Pass
6	16126.800	54.11	74.0	19.89	Peak	319.00	100	Horizontal	Pass
6**	16126.800	45.12	54.0	8.88	AV	319.00	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	1498.100	40.90	74.0	33.10	Peak	360.00	100	Vertical	Pass
1**	1498.100	29.35	54.0	24.65	AV	360.00	100	Vertical	Pass
2	3998.750	46.95	74.0	27.05	Peak	154.00	300	Vertical	Pass
2**	3998.750	37.04	54.0	16.96	AV	154.00	300	Vertical	Pass
3	5311.500	94.17	--	--	Peak	74.00	200	Vertical	N/A
3**	5311.500	87.31	--	--	AV	74.00	200	Vertical	N/A
4	7310.500	53.34	74.0	20.66	Peak	94.00	300	Vertical	Pass
4**	7310.500	43.97	54.0	10.03	AV	94.00	300	Vertical	Pass
5	12412.037	53.36	74.0	20.64	Peak	353.00	200	Vertical	Pass
5**	12412.037	42.99	54.0	11.01	AV	353.00	200	Vertical	Pass
6	15888.975	55.07	74.0	18.93	Peak	106.00	200	Vertical	Pass
6**	15888.975	45.40	54.0	8.60	AV	106.00	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	1524.300	38.44	74.0	35.56	Peak	183.00	400	Horizontal	Pass
1**	1524.300	28.61	54.0	25.39	AV	183.00	400	Horizontal	Pass
2	4326.750	47.11	74.0	26.89	Peak	207.00	400	Horizontal	Pass
2**	4326.750	38.48	54.0	15.52	AV	207.00	400	Horizontal	Pass
3	5259.000	109.10	--	--	Peak	227.00	200	Horizontal	N/A
3**	5259.000	102.62	--	--	AV	227.00	200	Horizontal	N/A
4	7598.750	53.64	74.0	20.36	Peak	287.00	400	Horizontal	Pass
4**	7598.750	44.13	54.0	9.87	AV	287.00	400	Horizontal	Pass
5	12479.725	53.24	74.0	20.76	Peak	21.00	150	Horizontal	Pass
5**	12479.725	45.15	54.0	8.85	AV	21.00	150	Horizontal	Pass
6	16114.725	54.56	74.0	19.44	Peak	360.00	100	Horizontal	Pass
6**	16114.725	45.31	54.0	8.69	AV	360.00	100	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	1493.700	39.83	74.0	34.17	Peak	172.00	200	Vertical	Pass
1**	1493.700	29.27	54.0	24.73	AV	172.00	200	Vertical	Pass
2	4333.750	47.69	74.0	26.31	Peak	360.00	100	Vertical	Pass
2**	4333.750	38.44	54.0	15.56	AV	360.00	100	Vertical	Pass
3	5259.000	100.01	--	--	Peak	74.00	100	Vertical	N/A
3**	5259.000	93.59	--	--	AV	74.00	100	Vertical	N/A
4	7601.000	53.05	74.0	20.95	Peak	304.00	400	Vertical	Pass
4**	7601.000	44.23	54.0	9.77	AV	304.00	400	Vertical	Pass
5	12520.575	53.85	74.0	20.15	Peak	284.00	150	Vertical	Pass
5**	12520.575	44.05	54.0	9.95	AV	284.00	150	Vertical	Pass
6	15696.825	54.62	74.0	19.38	Peak	312.00	300	Vertical	Pass
6**	15696.825	46.48	54.0	7.52	AV	312.00	300	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	1525.200	38.04	74.0	35.96	Peak	46.00	100	Horizontal	Pass
1**	1525.200	29.59	54.0	24.41	AV	46.00	100	Horizontal	Pass
2	4330.500	47.38	74.0	26.62	Peak	352.00	300	Horizontal	Pass
2**	4330.500	37.92	54.0	16.08	AV	352.00	300	Horizontal	Pass
3	5299.250	109.22	--	--	Peak	272.00	100	Horizontal	N/A
3**	5299.250	103.27	--	--	AV	272.00	100	Horizontal	N/A
4	7604.000	53.48	74.0	20.52	Peak	292.00	200	Horizontal	Pass
4**	7604.000	43.97	54.0	10.03	AV	292.00	200	Horizontal	Pass
5	12506.325	54.46	74.0	19.54	Peak	250.00	100	Horizontal	Pass
5**	12506.325	44.19	54.0	9.81	AV	250.00	100	Horizontal	Pass
6	16109.213	54.02	74.0	19.98	Peak	100.00	400	Horizontal	Pass
6**	16109.213	45.50	54.0	8.50	AV	100.00	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	1498.900	38.84	74.0	35.16	Peak	160.00	100	Vertical	Pass
1**	1498.900	29.20	54.0	24.80	AV	160.00	100	Vertical	Pass
2	4349.000	47.70	74.0	26.30	Peak	29.00	400	Vertical	Pass
2**	4349.000	37.77	54.0	16.23	AV	29.00	400	Vertical	Pass
3	5300.750	99.96	--	--	Peak	69.00	100	Vertical	N/A
3**	5300.750	93.10	--	--	AV	69.00	100	Vertical	N/A
4	7541.000	53.78	74.0	20.22	Peak	360.00	100	Vertical	Pass
4**	7541.000	44.06	54.0	9.94	AV	360.00	100	Vertical	Pass
5	12472.125	53.36	74.0	20.64	Peak	163.00	200	Vertical	Pass
5**	12472.125	44.25	54.0	9.75	AV	163.00	200	Vertical	Pass
6	16086.901	54.32	74.0	19.68	Peak	8.00	400	Vertical	Pass
6**	16086.901	44.66	54.0	9.34	AV	8.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.200	38.79	74.0	35.21	Peak	0.00	300	Horizontal	Pass
1**	1618.200	29.48	54.0	24.52	AV	0.00	300	Horizontal	Pass
2	4246.750	47.20	74.0	26.80	Peak	110.00	100	Horizontal	Pass
2**	4246.750	38.27	54.0	15.73	AV	110.00	100	Horizontal	Pass
3	5318.750	108.49	--	--	Peak	251.00	150	Horizontal	N/A
3**	5318.750	100.31	--	--	AV	251.00	150	Horizontal	N/A
4	7654.250	53.17	74.0	20.83	Peak	360.00	200	Horizontal	Pass
4**	7654.250	43.61	54.0	10.39	AV	360.00	200	Horizontal	Pass
5	12508.463	53.56	74.0	20.44	Peak	340.00	150	Horizontal	Pass
5**	12508.463	43.87	54.0	10.13	AV	340.00	150	Horizontal	Pass
6	15900.787	54.21	74.0	19.79	Peak	153.00	200	Horizontal	Pass
6**	15900.787	44.97	54.0	9.03	AV	153.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	39.58	74.0	34.42	Peak	153.00	400	Vertical	Pass
1**	1498.500	29.34	54.0	24.66	AV	153.00	400	Vertical	Pass
2	4160.500	47.42	74.0	26.58	Peak	275.00	200	Vertical	Pass
2**	4160.500	37.80	54.0	16.20	AV	275.00	200	Vertical	Pass
3	5319.000	99.07	--	--	Peak	72.00	200	Vertical	N/A
3**	5319.000	90.46	--	--	AV	72.00	200	Vertical	N/A
4	7367.750	54.36	74.0	19.64	Peak	154.00	200	Vertical	Pass
4**	7367.750	43.72	54.0	10.28	AV	154.00	200	Vertical	Pass
5	12502.762	53.29	74.0	20.71	Peak	160.00	100	Vertical	Pass
5**	12502.762	43.64	54.0	10.36	AV	160.00	100	Vertical	Pass
6	16110.262	54.34	74.0	19.66	Peak	6.00	300	Vertical	Pass
6**	16110.262	45.31	54.0	8.69	AV	6.00	300	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	1494.300	39.14	74.0	34.86	Peak	21.00	300	Horizontal	Pass
1**	1494.300	28.62	54.0	25.38	AV	21.00	300	Horizontal	Pass
2	4328.750	46.95	74.0	27.05	Peak	168.00	400	Horizontal	Pass
2**	4328.750	38.24	54.0	15.76	AV	168.00	400	Horizontal	Pass
3	5272.500	106.64	--	--	Peak	246.00	200	Horizontal	N/A
3**	5272.500	99.62	--	--	AV	246.00	200	Horizontal	N/A
4	7483.000	52.98	74.0	21.02	Peak	147.00	300	Horizontal	Pass
4**	7483.000	43.44	54.0	10.56	AV	147.00	300	Horizontal	Pass
5	12536.487	53.29	74.0	20.71	Peak	57.00	150	Horizontal	Pass
5**	12536.487	43.46	54.0	10.54	AV	57.00	150	Horizontal	Pass
6	15918.375	54.43	74.0	19.57	Peak	166.00	400	Horizontal	Pass
6**	15918.375	45.80	54.0	8.20	AV	166.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.900	38.87	74.0	35.13	Peak	206.00	300	Vertical	Pass
1**	1478.900	29.41	54.0	24.59	AV	206.00	300	Vertical	Pass
2	4120.500	47.36	74.0	26.64	Peak	130.00	300	Vertical	Pass
2**	4120.500	37.63	54.0	16.37	AV	130.00	300	Vertical	Pass
3	5267.500	96.57	--	--	Peak	72.00	100	Vertical	N/A
3**	5267.500	88.75	--	--	AV	72.00	100	Vertical	N/A
4	7581.750	52.85	74.0	21.15	Peak	360.00	300	Vertical	Pass
4**	7581.750	43.46	54.0	10.54	AV	360.00	300	Vertical	Pass
5	12498.013	53.62	74.0	20.38	Peak	257.00	100	Vertical	Pass
5**	12498.013	44.34	54.0	9.66	AV	257.00	100	Vertical	Pass
6	16155.675	54.48	74.0	19.52	Peak	40.00	300	Vertical	Pass
6**	16155.675	44.68	54.0	9.32	AV	40.00	300	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	1568.800	38.86	74.0	35.14	Peak	236.00	100	Horizontal	Pass
1**	1568.800	29.08	54.0	24.92	AV	236.00	100	Horizontal	Pass
2	4190.750	47.06	74.0	26.94	Peak	270.00	300	Horizontal	Pass
2**	4190.750	37.14	54.0	16.86	AV	270.00	300	Horizontal	Pass
3	5312.250	103.39	--	--	Peak	270.00	200	Horizontal	N/A
3**	5312.250	96.44	--	--	AV	270.00	200	Horizontal	N/A
4	7317.000	53.42	74.0	20.58	Peak	190.00	400	Horizontal	Pass
4**	7317.000	43.73	54.0	10.27	AV	190.00	400	Horizontal	Pass
5	11802.138	53.64	74.0	20.36	Peak	338.00	150	Horizontal	Pass
5**	11802.138	43.99	54.0	10.01	AV	338.00	150	Horizontal	Pass
6	16147.800	54.34	74.0	19.66	Peak	197.00	400	Horizontal	Pass
6**	16147.800	45.17	54.0	8.83	AV	197.00	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	1498.500	40.84	74.0	33.16	Peak	360.00	200	Vertical	Pass
1**	1498.500	29.84	54.0	24.16	AV	360.00	200	Vertical	Pass
2	4164.250	47.03	74.0	26.97	Peak	191.00	400	Vertical	Pass
2**	4164.250	37.74	54.0	16.26	AV	191.00	400	Vertical	Pass
3	5311.250	93.84	--	--	Peak	91.00	150	Vertical	N/A
3**	5311.250	86.29	--	--	AV	91.00	150	Vertical	N/A
4	7646.000	53.44	74.0	20.56	Peak	91.00	400	Vertical	Pass
4**	7646.000	43.55	54.0	10.45	AV	91.00	400	Vertical	Pass
5	12478.063	52.94	74.0	21.06	Peak	106.00	150	Vertical	Pass
5**	12478.063	43.84	54.0	10.16	AV	106.00	150	Vertical	Pass
6	15931.500	54.46	74.0	19.54	Peak	226.00	400	Vertical	Pass
6**	15931.500	44.20	54.0	9.80	AV	226.00	400	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	1576.300	38.79	74.0	35.21	Peak	4.00	300	Horizontal	Pass
1**	1576.300	29.04	54.0	24.96	AV	4.00	300	Horizontal	Pass
2	4255.750	47.55	74.0	26.45	Peak	54.00	200	Horizontal	Pass
2**	4255.750	38.47	54.0	15.53	AV	54.00	200	Horizontal	Pass
3	5284.000	99.99	--	--	Peak	251.00	150	Horizontal	N/A
3**	5284.000	92.06	--	--	AV	251.00	150	Horizontal	N/A
4	7490.750	53.03	74.0	20.97	Peak	212.00	200	Horizontal	Pass
4**	7490.750	44.10	54.0	9.90	AV	212.00	200	Horizontal	Pass
5	12473.075	53.54	74.0	20.46	Peak	276.00	200	Horizontal	Pass
5**	12473.075	44.30	54.0	9.70	AV	276.00	200	Horizontal	Pass
6	15896.588	54.38	74.0	19.62	Peak	8.00	100	Horizontal	Pass
6**	15896.588	44.78	54.0	9.22	AV	8.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.20	74.0	33.80	Peak	96.00	100	Vertical	Pass
1**	1499.100	29.00	54.0	25.00	AV	96.00	100	Vertical	Pass
2	4303.250	47.49	74.0	26.51	Peak	31.00	200	Vertical	Pass
2**	4303.250	37.83	54.0	16.17	AV	31.00	200	Vertical	Pass
3	5294.750	89.98	--	--	Peak	71.00	150	Vertical	N/A
3**	5294.750	82.16	--	--	AV	71.00	150	Vertical	N/A
4	7315.250	53.27	74.0	20.73	Peak	360.00	300	Vertical	Pass
4**	7315.250	43.86	54.0	10.14	AV	360.00	300	Vertical	Pass
5	12488.037	53.64	74.0	20.36	Peak	249.00	200	Vertical	Pass
5**	12488.037	43.96	54.0	10.04	AV	249.00	200	Vertical	Pass
6	15705.487	53.70	74.0	20.30	Peak	186.00	200	Vertical	Pass
6**	15705.487	44.04	54.0	9.96	AV	186.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.000	39.14	74.0	34.86	Peak	310.00	300	Horizontal	Pass
1**	1528.000	29.06	54.0	24.94	AV	310.00	300	Horizontal	Pass
2	4122.250	47.42	74.0	26.58	Peak	106.00	100	Horizontal	Pass
2**	4122.250	37.62	54.0	16.38	AV	106.00	100	Horizontal	Pass
3	5499.000	106.24	--	--	Peak	224.00	100	Horizontal	N/A
3**	5499.000	99.35	--	--	AV	224.00	100	Horizontal	N/A
4	7598.750	53.45	74.0	20.55	Peak	82.00	400	Horizontal	Pass
4**	7598.750	43.89	54.0	10.11	AV	82.00	400	Horizontal	Pass
5	12473.075	53.47	74.0	20.53	Peak	178.00	200	Horizontal	Pass
5**	12473.075	44.46	54.0	9.54	AV	178.00	200	Horizontal	Pass
6	15869.550	53.71	74.0	20.29	Peak	117.00	100	Horizontal	Pass
6**	15869.550	43.53	54.0	10.47	AV	117.00	100	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	1496.600	40.37	74.0	33.63	Peak	96.00	300	Vertical	Pass
1**	1496.600	31.33	54.0	22.67	AV	96.00	300	Vertical	Pass
2	4291.500	46.97	74.0	27.03	Peak	41.00	100	Vertical	Pass
2**	4291.500	38.46	54.0	15.54	AV	41.00	100	Vertical	Pass
3	5498.500	94.37	--	--	Peak	84.00	200	Vertical	N/A
3**	5498.500	85.77	--	--	AV	84.00	200	Vertical	N/A
4	7583.750	53.24	74.0	20.76	Peak	149.00	200	Vertical	Pass
4**	7583.750	44.45	54.0	9.55	AV	149.00	200	Vertical	Pass
5	12509.887	53.61	74.0	20.39	Peak	317.00	100	Vertical	Pass
5**	12509.887	44.73	54.0	9.27	AV	317.00	100	Vertical	Pass
6	15892.912	54.01	74.0	19.99	Peak	8.00	100	Vertical	Pass
6**	15892.912	44.49	54.0	9.51	AV	8.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	39.95	74.0	34.05	Peak	159.00	400	Horizontal	Pass
1**	1497.800	30.79	54.0	23.21	AV	159.00	400	Horizontal	Pass
2	4239.750	47.32	74.0	26.68	Peak	273.00	400	Horizontal	Pass
2**	4239.750	37.72	54.0	16.28	AV	273.00	400	Horizontal	Pass
3	5578.750	107.45	--	--	Peak	252.00	100	Horizontal	N/A
3**	5578.750	101.14	--	--	AV	252.00	100	Horizontal	N/A
4	7602.500	53.26	74.0	20.74	Peak	36.00	200	Horizontal	Pass
4**	7602.500	43.81	54.0	10.19	AV	36.00	200	Horizontal	Pass
5	11522.125	53.08	74.0	20.92	Peak	230.00	200	Horizontal	Pass
5**	11522.125	44.14	54.0	9.86	AV	230.00	200	Horizontal	Pass
6	16158.562	54.79	74.0	19.21	Peak	305.00	400	Horizontal	Pass
6**	16158.562	44.44	54.0	9.56	AV	305.00	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	1497.900	39.78	74.0	34.22	Peak	352.00	100	Vertical	Pass
1**	1497.900	30.34	54.0	23.66	AV	352.00	100	Vertical	Pass
2	4336.750	47.34	74.0	26.66	Peak	360.00	200	Vertical	Pass
2**	4336.750	39.03	54.0	14.97	AV	360.00	200	Vertical	Pass
3	5580.750	96.42	--	--	Peak	96.00	200	Vertical	N/A
3**	5580.750	90.16	--	--	AV	96.00	200	Vertical	N/A
4	7321.750	53.86	74.0	20.14	Peak	314.00	200	Vertical	Pass
4**	7321.750	43.21	54.0	10.79	AV	314.00	200	Vertical	Pass
5	12447.425	53.08	74.0	20.92	Peak	281.00	100	Vertical	Pass
5**	12447.425	44.36	54.0	9.64	AV	281.00	100	Vertical	Pass
6	16113.150	53.76	74.0	20.24	Peak	105.00	300	Vertical	Pass
6**	16113.150	44.55	54.0	9.45	AV	105.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.400	38.58	74.0	35.42	Peak	226.00	400	Horizontal	Pass
1**	1471.400	28.99	54.0	25.01	AV	226.00	400	Horizontal	Pass
2	4319.500	47.73	74.0	26.27	Peak	9.00	100	Horizontal	Pass
2**	4319.500	38.62	54.0	15.38	AV	9.00	100	Horizontal	Pass
3	5699.250	107.66	--	--	Peak	235.00	100	Horizontal	N/A
3**	5699.250	100.70	--	--	AV	235.00	100	Horizontal	N/A
4	7489.750	53.58	74.0	20.42	Peak	353.00	300	Horizontal	Pass
4**	7489.750	44.54	54.0	9.46	AV	353.00	300	Horizontal	Pass
5	12475.688	52.90	74.0	21.10	Peak	268.00	200	Horizontal	Pass
5**	12475.688	44.67	54.0	9.33	AV	268.00	200	Horizontal	Pass
6	15867.187	53.57	74.0	20.43	Peak	157.00	300	Horizontal	Pass
6**	15867.187	43.93	54.0	10.07	AV	157.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	41.15	74.0	32.85	Peak	143.00	400	Vertical	Pass
1**	1494.300	31.09	54.0	22.91	AV	143.00	400	Vertical	Pass
2	4335.750	48.05	74.0	25.95	Peak	38.00	100	Vertical	Pass
2**	4335.750	38.54	54.0	15.46	AV	38.00	100	Vertical	Pass
3	5701.250	97.75	--	--	Peak	98.00	100	Vertical	N/A
3**	5701.250	90.66	--	--	AV	98.00	100	Vertical	N/A
4	7599.750	53.31	74.0	20.69	Peak	338.00	400	Vertical	Pass
4**	7599.750	43.78	54.0	10.22	AV	338.00	400	Vertical	Pass
5	12499.438	53.37	74.0	20.63	Peak	31.00	150	Vertical	Pass
5**	12499.438	44.27	54.0	9.73	AV	31.00	150	Vertical	Pass
6	16105.012	54.13	74.0	19.87	Peak	326.00	200	Vertical	Pass
6**	16105.012	45.38	54.0	8.62	AV	326.00	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	1625.900	38.50	74.0	35.50	Peak	281.00	300	Horizontal	Pass
1**	1625.900	28.72	54.0	25.28	AV	281.00	300	Horizontal	Pass
2	4242.750	47.43	74.0	26.57	Peak	351.00	100	Horizontal	Pass
2**	4242.750	38.29	54.0	15.71	AV	351.00	100	Horizontal	Pass
3	5500.250	105.87	--	--	Peak	253.00	200	Horizontal	N/A
3**	5500.250	98.47	--	--	AV	253.00	200	Horizontal	N/A
4	7423.250	52.94	74.0	21.06	Peak	351.00	400	Horizontal	Pass
4**	7423.250	44.74	54.0	9.26	AV	351.00	400	Horizontal	Pass
5	12512.263	54.25	74.0	19.75	Peak	351.00	150	Horizontal	Pass
5**	12512.263	44.51	54.0	9.49	AV	351.00	150	Horizontal	Pass
6	15843.826	54.23	74.0	19.77	Peak	86.00	400	Horizontal	Pass
6**	15843.826	44.05	54.0	9.95	AV	86.00	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	1497.200	39.97	74.0	34.03	Peak	351.00	100	Vertical	Pass
1**	1497.200	30.70	54.0	23.30	AV	351.00	100	Vertical	Pass
2	4246.250	47.21	74.0	26.79	Peak	9.00	400	Vertical	Pass
2**	4246.250	37.80	54.0	16.20	AV	9.00	400	Vertical	Pass
3	5500.250	94.53	--	--	Peak	74.00	150	Vertical	N/A
3**	5500.250	86.35	--	--	AV	74.00	150	Vertical	N/A
4	7596.500	53.45	74.0	20.55	Peak	9.00	400	Vertical	Pass
4**	7596.500	44.01	54.0	9.99	AV	9.00	400	Vertical	Pass
5	12464.287	53.38	74.0	20.62	Peak	325.00	200	Vertical	Pass
5**	12464.287	44.28	54.0	9.72	AV	325.00	200	Vertical	Pass
6	16129.688	54.75	74.0	19.25	Peak	330.00	100	Vertical	Pass
6**	16129.688	45.22	54.0	8.78	AV	330.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	38.51	74.0	35.49	Peak	352.00	400	Horizontal	Pass
1**	1512.800	29.23	54.0	24.77	AV	352.00	400	Horizontal	Pass
2	4334.250	47.04	74.0	26.96	Peak	329.00	300	Horizontal	Pass
2**	4334.250	39.24	54.0	14.76	AV	329.00	300	Horizontal	Pass
3	5579.500	107.69	--	--	Peak	251.00	200	Horizontal	N/A
3**	5579.500	101.31	--	--	AV	251.00	200	Horizontal	N/A
4	7627.250	53.64	74.0	20.36	Peak	7.00	100	Horizontal	Pass
4**	7627.250	43.98	54.0	10.02	AV	7.00	100	Horizontal	Pass
5	12496.588	53.14	74.0	20.86	Peak	305.00	200	Horizontal	Pass
5**	12496.588	44.65	54.0	9.35	AV	305.00	200	Horizontal	Pass
6	16133.363	54.09	74.0	19.91	Peak	9.00	100	Horizontal	Pass
6**	16133.363	45.33	54.0	8.67	AV	9.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	40.72	74.0	33.28	Peak	145.00	200	Vertical	Pass
1**	1494.100	32.56	54.0	21.44	AV	145.00	200	Vertical	Pass
2	3970.000	47.55	74.0	26.45	Peak	35.00	200	Vertical	Pass
2**	3970.000	36.81	54.0	17.19	AV	35.00	200	Vertical	Pass
3	5578.750	96.89	--	--	Peak	35.00	150	Vertical	N/A
3**	5578.750	88.82	--	--	AV	35.00	150	Vertical	N/A
4	7488.250	53.79	74.0	20.21	Peak	273.00	300	Vertical	Pass
4**	7488.250	44.45	54.0	9.55	AV	273.00	300	Vertical	Pass
5	12499.200	52.90	74.0	21.10	Peak	303.00	100	Vertical	Pass
5**	12499.200	44.30	54.0	9.70	AV	303.00	100	Vertical	Pass
6	16144.650	55.12	74.0	18.88	Peak	9.00	100	Vertical	Pass
6**	16144.650	45.89	54.0	8.11	AV	9.00	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	1444.300	38.09	74.0	35.91	Peak	0.00	300	Horizontal	Pass
1**	1444.300	28.90	54.0	25.10	AV	0.00	300	Horizontal	Pass
2	4242.500	47.55	74.0	26.45	Peak	191.00	300	Horizontal	Pass
2**	4242.500	38.07	54.0	15.93	AV	191.00	300	Horizontal	Pass
3	5699.000	107.67	--	--	Peak	251.00	200	Horizontal	N/A
3**	5699.000	100.18	--	--	AV	251.00	200	Horizontal	N/A
4	7422.000	52.84	74.0	21.16	Peak	230.00	300	Horizontal	Pass
4**	7422.000	43.61	54.0	10.39	AV	230.00	300	Horizontal	Pass
5	12469.037	53.05	74.0	20.95	Peak	81.00	100	Horizontal	Pass
5**	12469.037	44.57	54.0	9.43	AV	81.00	100	Horizontal	Pass
6	15881.099	54.39	74.0	19.61	Peak	247.00	400	Horizontal	Pass
6**	15881.099	45.65	54.0	8.35	AV	247.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	39.75	74.0	34.25	Peak	130.00	200	Vertical	Pass
1**	1495.600	29.61	54.0	24.39	AV	130.00	200	Vertical	Pass
2	4314.500	47.13	74.0	26.87	Peak	277.00	200	Vertical	Pass
2**	4314.500	38.05	54.0	15.95	AV	277.00	200	Vertical	Pass
3	5701.000	98.46	--	--	Peak	96.00	200	Vertical	N/A
3**	5701.000	91.64	--	--	AV	96.00	200	Vertical	N/A
4	7369.000	53.37	74.0	20.63	Peak	277.00	300	Vertical	Pass
4**	7369.000	43.65	54.0	10.35	AV	277.00	300	Vertical	Pass
5	12503.000	53.54	74.0	20.46	Peak	18.00	200	Vertical	Pass
5**	12503.000	44.03	54.0	9.97	AV	18.00	200	Vertical	Pass
6	16121.813	54.63	74.0	19.37	Peak	226.00	300	Vertical	Pass
6**	16121.813	44.64	54.0	9.36	AV	226.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.000	39.26	74.0	34.74	Peak	152.00	100	Horizontal	Pass
1**	1494.000	28.94	54.0	25.06	AV	152.00	100	Horizontal	Pass
2	4340.500	47.15	74.0	26.85	Peak	157.00	400	Horizontal	Pass
2**	4340.500	38.01	54.0	15.99	AV	157.00	400	Horizontal	Pass
3	5512.000	101.11	--	--	Peak	239.00	200	Horizontal	N/A
3**	5512.000	93.54	--	--	AV	239.00	200	Horizontal	N/A
4	7605.750	53.42	74.0	20.58	Peak	118.00	100	Horizontal	Pass
4**	7605.750	44.78	54.0	9.22	AV	118.00	100	Horizontal	Pass
5	12468.799	53.27	74.0	20.73	Peak	63.00	200	Horizontal	Pass
5**	12468.799	43.86	54.0	10.14	AV	63.00	200	Horizontal	Pass
6	15915.750	54.10	74.0	19.90	Peak	190.00	300	Horizontal	Pass
6**	15915.750	45.05	54.0	8.95	AV	190.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	41.16	74.0	32.84	Peak	102.00	100	Vertical	Pass
1**	1495.000	29.37	54.0	24.63	AV	102.00	100	Vertical	Pass
2	4144.250	47.23	74.0	26.77	Peak	115.00	200	Vertical	Pass
2**	4144.250	37.55	54.0	16.45	AV	115.00	200	Vertical	Pass
3	5511.750	89.06	--	--	Peak	76.00	200	Vertical	N/A
3**	5511.750	81.13	--	--	AV	76.00	200	Vertical	N/A
4	7594.000	52.74	74.0	21.26	Peak	57.00	100	Vertical	Pass
4**	7594.000	44.02	54.0	9.98	AV	57.00	100	Vertical	Pass
5	12522.237	53.76	74.0	20.24	Peak	184.00	200	Vertical	Pass
5**	12522.237	43.89	54.0	10.11	AV	184.00	200	Vertical	Pass
6	15903.150	54.07	74.0	19.93	Peak	9.00	200	Vertical	Pass
6**	15903.150	44.85	54.0	9.15	AV	9.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.500	38.50	74.0	35.50	Peak	28.00	200	Horizontal	Pass
1**	1483.500	29.15	54.0	24.85	AV	28.00	200	Horizontal	Pass
2	4257.250	46.75	74.0	27.25	Peak	256.00	100	Horizontal	Pass
2**	4257.250	38.34	54.0	15.66	AV	256.00	100	Horizontal	Pass
3	5586.750	105.95	--	--	Peak	236.00	100	Horizontal	N/A
3**	5586.750	98.31	--	--	AV	236.00	100	Horizontal	N/A
4	7600.750	52.75	74.0	21.25	Peak	217.00	100	Horizontal	Pass
4**	7600.750	44.55	54.0	9.45	AV	217.00	100	Horizontal	Pass
5	12508.463	53.19	74.0	20.81	Peak	279.00	100	Horizontal	Pass
5**	12508.463	44.49	54.0	9.51	AV	279.00	100	Horizontal	Pass
6	16132.838	54.90	74.0	19.10	Peak	360.00	400	Horizontal	Pass
6**	16132.838	45.92	54.0	8.08	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.63	74.0	33.37	Peak	142.00	100	Vertical	Pass
1**	1499.100	30.11	54.0	23.89	AV	142.00	100	Vertical	Pass
2	4305.000	47.23	74.0	26.77	Peak	139.00	200	Vertical	Pass
2**	4305.000	37.35	54.0	16.65	AV	139.00	200	Vertical	Pass
3	5587.000	94.03	--	--	Peak	98.00	200	Vertical	N/A
3**	5587.000	87.02	--	--	AV	98.00	200	Vertical	N/A
4	7361.000	52.78	74.0	21.22	Peak	139.00	300	Vertical	Pass
4**	7361.000	44.15	54.0	9.85	AV	139.00	300	Vertical	Pass
5	12470.462	53.08	74.0	20.92	Peak	322.00	200	Vertical	Pass
5**	12470.462	44.29	54.0	9.71	AV	322.00	200	Vertical	Pass
6	16086.375	54.32	74.0	19.68	Peak	37.00	100	Vertical	Pass
6**	16086.375	44.84	54.0	9.16	AV	37.00	100	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	1499.500	38.92	74.0	35.08	Peak	161.00	200	Horizontal	Pass
1**	1499.500	32.28	54.0	21.72	AV	161.00	200	Horizontal	Pass
2	4309.250	46.99	74.0	27.01	Peak	197.00	300	Horizontal	Pass
2**	4309.250	38.82	54.0	15.18	AV	197.00	300	Horizontal	Pass
3	5671.750	105.47	--	--	Peak	217.00	100	Horizontal	N/A
3**	5671.750	98.22	--	--	AV	217.00	100	Horizontal	N/A
4	7709.750	53.03	74.0	20.97	Peak	118.00	300	Horizontal	Pass
4**	7709.750	43.91	54.0	10.09	AV	118.00	300	Horizontal	Pass
5	12420.350	53.36	74.0	20.64	Peak	349.00	200	Horizontal	Pass
5**	12420.350	42.72	54.0	11.28	AV	349.00	200	Horizontal	Pass
6	16108.951	55.47	74.0	18.53	Peak	168.00	300	Horizontal	Pass
6**	16108.951	44.77	54.0	9.23	AV	168.00	300	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	1496.500	42.40	74.0	31.60	Peak	123.00	100	Vertical	Pass
1**	1496.500	32.32	54.0	21.68	AV	123.00	100	Vertical	Pass
2	4291.250	46.93	74.0	27.07	Peak	336.00	200	Vertical	Pass
2**	4291.250	37.85	54.0	16.15	AV	336.00	200	Vertical	Pass
3	5671.750	96.54	--	--	Peak	98.00	200	Vertical	N/A
3**	5671.750	88.64	--	--	AV	98.00	200	Vertical	N/A
4	7614.750	52.83	74.0	21.17	Peak	297.00	200	Vertical	Pass
4**	7614.750	43.47	54.0	10.53	AV	297.00	200	Vertical	Pass
5	12495.162	53.94	74.0	20.06	Peak	350.00	100	Vertical	Pass
5**	12495.162	43.97	54.0	10.03	AV	350.00	100	Vertical	Pass
6	16116.300	53.75	74.0	20.25	Peak	311.00	100	Vertical	Pass
6**	16116.300	44.72	54.0	9.28	AV	311.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.700	39.63	74.0	34.37	Peak	43.00	100	Horizontal	Pass
1**	1605.700	29.08	54.0	24.92	AV	43.00	100	Horizontal	Pass
2	4367.250	48.25	74.0	25.75	Peak	360.00	400	Horizontal	Pass
2**	4367.250	37.96	54.0	16.04	AV	360.00	400	Horizontal	Pass
3	5499.000	105.67	--	--	Peak	234.00	150	Horizontal	N/A
3**	5499.000	98.40	--	--	AV	234.00	150	Horizontal	N/A
4	7657.250	53.56	74.0	20.44	Peak	55.00	200	Horizontal	Pass
4**	7657.250	44.36	54.0	9.64	AV	55.00	200	Horizontal	Pass
5	12467.375	54.11	74.0	19.89	Peak	0.00	200	Horizontal	Pass
5**	12467.375	44.24	54.0	9.76	AV	0.00	200	Horizontal	Pass
6	15904.201	54.33	74.0	19.67	Peak	166.00	400	Horizontal	Pass
6**	15904.201	44.79	54.0	9.21	AV	166.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	39.63	74.0	34.37	Peak	150.00	300	Vertical	Pass
1**	1498.000	31.24	54.0	22.76	AV	150.00	300	Vertical	Pass
2	4339.500	47.86	74.0	26.14	Peak	8.00	400	Vertical	Pass
2**	4339.500	37.56	54.0	16.44	AV	8.00	400	Vertical	Pass
3	5500.500	94.36	--	--	Peak	74.00	150	Vertical	N/A
3**	5500.500	87.21	--	--	AV	74.00	150	Vertical	N/A
4	7581.750	53.77	74.0	20.23	Peak	94.00	100	Vertical	Pass
4**	7581.750	44.01	54.0	9.99	AV	94.00	100	Vertical	Pass
5	11803.563	53.87	74.0	20.13	Peak	256.00	150	Vertical	Pass
5**	11803.563	43.89	54.0	10.11	AV	256.00	150	Vertical	Pass
6	16116.300	54.19	74.0	19.81	Peak	325.00	300	Vertical	Pass
6**	16116.300	45.15	54.0	8.85	AV	325.00	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	1497.600	39.05	74.0	34.95	Peak	210.00	200	Horizontal	Pass
1**	1497.600	30.07	54.0	23.93	AV	210.00	200	Horizontal	Pass
2	4347.750	47.39	74.0	26.61	Peak	312.00	200	Horizontal	Pass
2**	4347.750	38.01	54.0	15.99	AV	312.00	200	Horizontal	Pass
3	5578.750	107.76	--	--	Peak	232.00	150	Horizontal	N/A
3**	5578.750	100.64	--	--	AV	232.00	150	Horizontal	N/A
4	7652.250	53.08	74.0	20.92	Peak	55.00	200	Horizontal	Pass
4**	7652.250	43.58	54.0	10.42	AV	55.00	200	Horizontal	Pass
5	12496.113	53.14	74.0	20.86	Peak	217.00	100	Horizontal	Pass
5**	12496.113	43.99	54.0	10.01	AV	217.00	100	Horizontal	Pass
6	16104.225	54.08	74.0	19.92	Peak	35.00	200	Horizontal	Pass
6**	16104.225	45.19	54.0	8.81	AV	35.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	40.55	74.0	33.45	Peak	360.00	300	Vertical	Pass
1**	1497.100	31.92	54.0	22.08	AV	360.00	300	Vertical	Pass
2	4155.000	47.04	74.0	26.96	Peak	96.00	400	Vertical	Pass
2**	4155.000	37.24	54.0	16.76	AV	96.00	400	Vertical	Pass
3	5578.500	96.33	--	--	Peak	36.00	100	Vertical	N/A
3**	5578.500	89.06	--	--	AV	36.00	100	Vertical	N/A
4	7655.000	53.54	74.0	20.46	Peak	275.00	300	Vertical	Pass
4**	7655.000	44.13	54.0	9.87	AV	275.00	300	Vertical	Pass
5	12478.300	53.44	74.0	20.56	Peak	0.00	150	Vertical	Pass
5**	12478.300	44.36	54.0	9.64	AV	0.00	150	Vertical	Pass
6	16094.775	54.28	74.0	19.72	Peak	145.00	100	Vertical	Pass
6**	16094.775	45.23	54.0	8.77	AV	145.00	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	1597.700	38.53	74.0	35.47	Peak	0.00	100	Horizontal	Pass
1**	1597.700	28.64	54.0	25.36	AV	0.00	100	Horizontal	Pass
2	4289.000	46.59	74.0	27.41	Peak	232.00	300	Horizontal	Pass
2**	4289.000	38.34	54.0	15.66	AV	232.00	300	Horizontal	Pass
3	5699.000	107.59	--	--	Peak	232.00	150	Horizontal	N/A
3**	5699.000	100.21	--	--	AV	232.00	150	Horizontal	N/A
4	7489.250	53.38	74.0	20.62	Peak	360.00	400	Horizontal	Pass
4**	7489.250	43.70	54.0	10.30	AV	360.00	400	Horizontal	Pass
5	12467.375	53.49	74.0	20.51	Peak	147.00	100	Horizontal	Pass
5**	12467.375	44.97	54.0	9.03	AV	147.00	100	Horizontal	Pass
6	16135.725	54.43	74.0	19.57	Peak	252.00	200	Horizontal	Pass
6**	16135.725	45.40	54.0	8.60	AV	252.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	40.19	74.0	33.81	Peak	142.00	300	Vertical	Pass
1**	1493.100	31.88	54.0	22.12	AV	142.00	300	Vertical	Pass
2	4246.500	47.04	74.0	26.96	Peak	360.00	200	Vertical	Pass
2**	4246.500	39.81	54.0	14.19	AV	360.00	200	Vertical	Pass
3	5699.000	97.80	--	--	Peak	96.00	200	Vertical	N/A
3**	5699.000	90.84	--	--	AV	96.00	200	Vertical	N/A
4	7423.000	53.86	74.0	20.14	Peak	37.00	300	Vertical	Pass
4**	7423.000	45.04	54.0	8.96	AV	37.00	300	Vertical	Pass
5	12506.800	53.59	74.0	20.41	Peak	314.00	150	Vertical	Pass
5**	12506.800	44.51	54.0	9.49	AV	314.00	150	Vertical	Pass
6	16097.138	54.26	74.0	19.74	Peak	53.00	400	Vertical	Pass
6**	16097.138	45.41	54.0	8.59	AV	53.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	39.60	74.0	34.40	Peak	152.00	300	Horizontal	Pass
1**	1498.500	29.15	54.0	24.85	AV	152.00	300	Horizontal	Pass
2	4351.250	47.34	74.0	26.66	Peak	38.00	200	Horizontal	Pass
2**	4351.250	38.27	54.0	15.73	AV	38.00	200	Horizontal	Pass
3	5511.750	100.96	--	--	Peak	237.00	150	Horizontal	N/A
3**	5511.750	93.20	--	--	AV	237.00	150	Horizontal	N/A
4	7357.250	52.93	74.0	21.07	Peak	9.00	300	Horizontal	Pass
4**	7357.250	43.87	54.0	10.13	AV	9.00	300	Horizontal	Pass
5	12507.037	53.75	74.0	20.25	Peak	325.00	100	Horizontal	Pass
5**	12507.037	44.60	54.0	9.40	AV	325.00	100	Horizontal	Pass
6	16105.800	54.47	74.0	19.53	Peak	82.00	300	Horizontal	Pass
6**	16105.800	45.11	54.0	8.89	AV	82.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	41.50	74.0	32.50	Peak	148.00	300	Vertical	Pass
1**	1493.100	31.63	54.0	22.37	AV	148.00	300	Vertical	Pass
2	4234.000	47.16	74.0	26.84	Peak	278.00	300	Vertical	Pass
2**	4234.000	37.90	54.0	16.10	AV	278.00	300	Vertical	Pass
3	5512.250	89.26	--	--	Peak	79.00	200	Vertical	N/A
3**	5512.250	81.11	--	--	AV	79.00	200	Vertical	N/A
4	7490.500	53.99	74.0	20.01	Peak	38.00	300	Vertical	Pass
4**	7490.500	43.90	54.0	10.10	AV	38.00	300	Vertical	Pass
5	12486.375	53.16	74.0	20.84	Peak	2.00	200	Vertical	Pass
5**	12486.375	43.94	54.0	10.06	AV	2.00	200	Vertical	Pass
6	15891.075	54.49	74.0	19.51	Peak	249.00	200	Vertical	Pass
6**	15891.075	44.67	54.0	9.33	AV	249.00	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	1448.100	38.13	74.0	35.87	Peak	143.00	300	Horizontal	Pass
1**	1448.100	28.92	54.0	25.08	AV	143.00	300	Horizontal	Pass
2	4357.750	46.66	74.0	27.34	Peak	137.00	200	Horizontal	Pass
2**	4357.750	37.89	54.0	16.11	AV	137.00	200	Horizontal	Pass
3	5591.250	105.63	--	--	Peak	237.00	200	Horizontal	N/A
3**	5591.250	98.50	--	--	AV	237.00	200	Horizontal	N/A
4	7480.000	53.22	74.0	20.78	Peak	317.00	100	Horizontal	Pass
4**	7480.000	43.68	54.0	10.32	AV	317.00	100	Horizontal	Pass
5	12493.737	53.86	74.0	20.14	Peak	324.00	150	Horizontal	Pass
5**	12493.737	44.31	54.0	9.69	AV	324.00	150	Horizontal	Pass
6	15876.901	54.01	74.0	19.99	Peak	37.00	300	Horizontal	Pass
6**	15876.901	45.15	54.0	8.85	AV	37.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	40.18	74.0	33.82	Peak	360.00	300	Vertical	Pass
1**	1493.000	29.29	54.0	24.71	AV	360.00	300	Vertical	Pass
2	4255.500	47.63	74.0	26.37	Peak	360.00	300	Vertical	Pass
2**	4255.500	38.80	54.0	15.20	AV	360.00	300	Vertical	Pass
3	5592.750	94.44	--	--	Peak	36.00	200	Vertical	N/A
3**	5592.750	86.68	--	--	AV	36.00	200	Vertical	N/A
4	7581.500	53.49	74.0	20.51	Peak	9.00	300	Vertical	Pass
4**	7581.500	43.21	54.0	10.79	AV	9.00	300	Vertical	Pass
5	12508.701	53.29	74.0	20.71	Peak	324.00	150	Vertical	Pass
5**	12508.701	44.15	54.0	9.85	AV	324.00	150	Vertical	Pass
6	15679.762	54.30	74.0	19.70	Peak	180.00	200	Vertical	Pass
6**	15679.762	44.89	54.0	9.11	AV	180.00	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	1453.500	38.49	74.0	35.51	Peak	97.00	100	Horizontal	Pass
1**	1453.500	29.55	54.0	24.45	AV	97.00	100	Horizontal	Pass
2	4290.000	47.01	74.0	26.99	Peak	38.00	100	Horizontal	Pass
2**	4290.000	37.69	54.0	16.31	AV	38.00	100	Horizontal	Pass
3	5672.750	106.31	--	--	Peak	237.00	100	Horizontal	N/A
3**	5672.750	98.64	--	--	AV	237.00	100	Horizontal	N/A
4	7606.500	53.03	74.0	20.97	Peak	139.00	100	Horizontal	Pass
4**	7606.500	44.06	54.0	9.94	AV	139.00	100	Horizontal	Pass
5	12518.912	53.66	74.0	20.34	Peak	7.00	150	Horizontal	Pass
5**	12518.912	44.73	54.0	9.27	AV	7.00	150	Horizontal	Pass
6	15902.363	54.13	74.0	19.87	Peak	254.00	300	Horizontal	Pass
6**	15902.363	44.75	54.0	9.25	AV	254.00	300	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	1494.500	41.42	74.0	32.58	Peak	127.00	200	Vertical	Pass
1**	1494.500	29.35	54.0	24.65	AV	127.00	200	Vertical	Pass
2	4396.250	47.02	74.0	26.98	Peak	360.00	200	Vertical	Pass
2**	4396.250	37.37	54.0	16.63	AV	360.00	200	Vertical	Pass
3	5671.750	95.26	--	--	Peak	98.00	100	Vertical	N/A
3**	5671.750	89.37	--	--	AV	98.00	100	Vertical	N/A
4	7488.250	53.23	74.0	20.77	Peak	98.00	200	Vertical	Pass
4**	7488.250	44.71	54.0	9.29	AV	98.00	200	Vertical	Pass
5	12469.987	53.35	74.0	20.65	Peak	75.00	200	Vertical	Pass
5**	12469.987	45.16	54.0	8.84	AV	75.00	200	Vertical	Pass
6	16102.125	54.95	74.0	19.05	Peak	9.00	200	Vertical	Pass
6**	16102.125	46.46	54.0	7.54	AV	9.00	200	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	1499.700	39.39	74.0	34.61	Peak	150.00	300	Horizontal	Pass
1**	1499.700	28.89	54.0	25.11	AV	150.00	300	Horizontal	Pass
2	4331.750	47.87	74.0	26.13	Peak	314.00	300	Horizontal	Pass
2**	4331.750	38.34	54.0	15.66	AV	314.00	300	Horizontal	Pass
3	5524.000	98.06	--	--	Peak	236.00	200	Horizontal	N/A
3**	5524.000	91.01	--	--	AV	236.00	200	Horizontal	N/A
4	7614.750	53.44	74.0	20.56	Peak	59.00	100	Horizontal	Pass
4**	7614.750	43.43	54.0	10.57	AV	59.00	100	Horizontal	Pass
5	12528.412	53.51	74.0	20.49	Peak	349.00	150	Horizontal	Pass
5**	12528.412	43.72	54.0	10.28	AV	349.00	150	Horizontal	Pass
6	15907.613	54.17	74.0	19.83	Peak	309.00	100	Horizontal	Pass
6**	15907.613	44.99	54.0	9.01	AV	309.00	100	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	1497.300	40.95	74.0	33.05	Peak	133.00	100	Vertical	Pass
1**	1497.300	32.20	54.0	21.80	AV	133.00	100	Vertical	Pass
2	4387.750	47.88	74.0	26.12	Peak	11.00	200	Vertical	Pass
2**	4387.750	38.54	54.0	15.46	AV	11.00	200	Vertical	Pass
3	5524.500	86.42	--	--	Peak	60.00	150	Vertical	N/A
3**	5524.500	79.22	--	--	AV	60.00	150	Vertical	N/A
4	7352.000	53.76	74.0	20.24	Peak	38.00	200	Vertical	Pass
4**	7352.000	43.85	54.0	10.15	AV	38.00	200	Vertical	Pass
5	12466.662	53.28	74.0	20.72	Peak	213.00	150	Vertical	Pass
5**	12466.662	44.21	54.0	9.79	AV	213.00	150	Vertical	Pass
6	16143.863	54.73	74.0	19.27	Peak	190.00	300	Vertical	Pass
6**	16143.863	45.10	54.0	8.90	AV	190.00	300	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	1464.900	38.61	74.0	35.39	Peak	162.00	300	Horizontal	Pass
1**	1464.900	28.79	54.0	25.21	AV	162.00	300	Horizontal	Pass
2	4387.250	47.63	74.0	26.37	Peak	181.00	100	Horizontal	Pass
2**	4387.250	37.75	54.0	16.25	AV	181.00	100	Horizontal	Pass
3	5604.000	102.38	--	--	Peak	220.00	150	Horizontal	N/A
3**	5604.000	95.59	--	--	AV	220.00	150	Horizontal	N/A
4	7356.750	53.26	74.0	20.74	Peak	241.00	100	Horizontal	Pass
4**	7356.750	44.17	54.0	9.83	AV	241.00	100	Horizontal	Pass
5	12478.537	53.20	74.0	20.80	Peak	58.00	200	Horizontal	Pass
5**	12478.537	44.19	54.0	9.81	AV	58.00	200	Horizontal	Pass
6	16103.963	54.24	74.0	19.76	Peak	333.00	100	Horizontal	Pass
6**	16103.963	45.40	54.0	8.60	AV	333.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	39.41	74.0	34.59	Peak	152.00	400	Vertical	Pass
1**	1495.400	31.49	54.0	22.51	AV	152.00	400	Vertical	Pass
2	4358.250	48.81	74.0	25.19	Peak	319.00	100	Vertical	Pass
2**	4358.250	39.22	54.0	14.78	AV	319.00	100	Vertical	Pass
3	5604.500	90.58	--	--	Peak	100.00	150	Vertical	N/A
3**	5604.500	83.80	--	--	AV	100.00	150	Vertical	N/A
4	7371.250	54.37	74.0	19.63	Peak	159.00	200	Vertical	Pass
4**	7371.250	44.65	54.0	9.35	AV	159.00	200	Vertical	Pass
5	12521.525	53.18	74.0	20.82	Peak	169.00	150	Vertical	Pass
5**	12521.525	44.55	54.0	9.45	AV	169.00	150	Vertical	Pass
6	16097.138	54.62	74.0	19.38	Peak	360.00	400	Vertical	Pass
6**	16097.138	44.89	54.0	9.11	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	39.72	74.0	34.28	Peak	161.00	300	Horizontal	Pass
1**	1499.700	32.36	54.0	21.64	AV	161.00	300	Horizontal	Pass
2	4243.250	46.78	74.0	27.22	Peak	360.00	300	Horizontal	Pass
2**	4243.250	37.38	54.0	16.62	AV	360.00	300	Horizontal	Pass
3	5744.250	109.01	--	--	Peak	239.00	100	Horizontal	N/A
3**	5744.250	101.85	--	--	AV	239.00	100	Horizontal	N/A
4	7365.750	53.42	74.0	20.58	Peak	79.00	300	Horizontal	Pass
4**	7365.750	44.62	54.0	9.38	AV	79.00	300	Horizontal	Pass
5	12473.550	53.16	74.0	20.84	Peak	32.00	150	Horizontal	Pass
5**	12473.550	44.36	54.0	9.64	AV	32.00	150	Horizontal	Pass
6	16095.563	54.46	74.0	19.54	Peak	339.00	400	Horizontal	Pass
6**	16095.563	45.11	54.0	8.89	AV	339.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	40.55	74.0	33.45	Peak	349.00	300	Vertical	Pass
1**	1495.100	31.05	54.0	22.95	AV	349.00	300	Vertical	Pass
2	4365.250	47.35	74.0	26.65	Peak	139.00	300	Vertical	Pass
2**	4365.250	38.57	54.0	15.43	AV	139.00	300	Vertical	Pass
3	5744.500	99.89	--	--	Peak	98.00	100	Vertical	N/A
3**	5744.500	92.80	--	--	AV	98.00	100	Vertical	N/A
4	7427.500	53.67	74.0	20.33	Peak	118.00	200	Vertical	Pass
4**	7427.500	44.74	54.0	9.26	AV	118.00	200	Vertical	Pass
5	12515.350	53.11	74.0	20.89	Peak	53.00	150	Vertical	Pass
5**	12515.350	44.54	54.0	9.46	AV	53.00	150	Vertical	Pass
6	15878.213	54.28	74.0	19.72	Peak	48.00	100	Vertical	Pass
6**	15878.213	44.63	54.0	9.37	AV	48.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.000	38.28	74.0	35.72	Peak	0.00	400	Horizontal	Pass
1**	1540.000	28.33	54.0	25.67	AV	0.00	400	Horizontal	Pass
2	4262.000	47.36	74.0	26.64	Peak	199.00	400	Horizontal	Pass
2**	4262.000	37.84	54.0	16.16	AV	199.00	400	Horizontal	Pass
3	5784.000	107.91	--	--	Peak	217.00	200	Horizontal	N/A
3**	5784.000	100.99	--	--	AV	217.00	200	Horizontal	N/A
4	7592.000	53.68	74.0	20.32	Peak	118.00	200	Horizontal	Pass
4**	7592.000	44.03	54.0	9.97	AV	118.00	200	Horizontal	Pass
5	12466.900	53.22	74.0	20.78	Peak	140.00	200	Horizontal	Pass
5**	12466.900	45.02	54.0	8.98	AV	140.00	200	Horizontal	Pass
6	15908.400	54.15	74.0	19.85	Peak	100.00	300	Horizontal	Pass
6**	15908.400	45.54	54.0	8.46	AV	100.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	41.76	74.0	32.24	Peak	147.00	200	Vertical	Pass
1**	1498.000	29.42	54.0	24.58	AV	147.00	200	Vertical	Pass
2	4255.750	47.07	74.0	26.93	Peak	340.00	100	Vertical	Pass
2**	4255.750	37.88	54.0	16.12	AV	340.00	100	Vertical	Pass
3	5786.250	100.05	--	--	Peak	101.00	150	Vertical	N/A
3**	5786.250	92.79	--	--	AV	101.00	150	Vertical	N/A
4	7594.750	53.56	74.0	20.44	Peak	161.00	100	Vertical	Pass
4**	7594.750	44.64	54.0	9.36	AV	161.00	100	Vertical	Pass
5	12414.888	53.55	74.0	20.45	Peak	42.00	200	Vertical	Pass
5**	12414.888	43.28	54.0	10.72	AV	42.00	200	Vertical	Pass
6	16087.425	54.37	74.0	19.63	Peak	342.00	300	Vertical	Pass
6**	16087.425	44.37	54.0	9.63	AV	342.00	300	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	1448.000	38.62	74.0	35.38	Peak	201.00	400	Horizontal	Pass
1**	1448.000	28.69	54.0	25.31	AV	201.00	400	Horizontal	Pass
2	4353.250	47.15	74.0	26.85	Peak	298.00	300	Horizontal	Pass
2**	4353.250	37.94	54.0	16.06	AV	298.00	300	Horizontal	Pass
3	5824.000	107.86	--	--	Peak	238.00	200	Horizontal	N/A
3**	5824.000	100.17	--	--	AV	238.00	200	Horizontal	N/A
4	7368.500	53.31	74.0	20.69	Peak	0.00	200	Horizontal	Pass
4**	7368.500	44.60	54.0	9.40	AV	0.00	200	Horizontal	Pass
5	12468.088	53.48	74.0	20.52	Peak	311.00	200	Horizontal	Pass
5**	12468.088	45.07	54.0	8.93	AV	311.00	200	Horizontal	Pass
6	16136.776	54.33	74.0	19.67	Peak	43.00	300	Horizontal	Pass
6**	16136.776	44.35	54.0	9.65	AV	43.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	39.35	74.0	34.65	Peak	87.00	100	Vertical	Pass
1**	1498.400	29.10	54.0	24.90	AV	87.00	100	Vertical	Pass
2	4144.500	47.22	74.0	26.78	Peak	142.00	300	Vertical	Pass
2**	4144.500	37.31	54.0	16.69	AV	142.00	300	Vertical	Pass
3	5825.500	99.83	--	--	Peak	103.00	150	Vertical	N/A
3**	5825.500	91.82	--	--	AV	103.00	150	Vertical	N/A
4	7514.750	53.54	74.0	20.46	Peak	13.00	200	Vertical	Pass
4**	7514.750	42.98	54.0	11.02	AV	13.00	200	Vertical	Pass
5	12493.975	53.85	74.0	20.15	Peak	3.00	200	Vertical	Pass
5**	12493.975	43.83	54.0	10.17	AV	3.00	200	Vertical	Pass
6	15904.725	54.31	74.0	19.69	Peak	185.00	300	Vertical	Pass
6**	15904.725	45.13	54.0	8.87	AV	185.00	300	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	1493.900	38.66	74.0	35.34	Peak	160.00	400	Horizontal	Pass
1**	1493.900	28.81	54.0	25.19	AV	160.00	400	Horizontal	Pass
2	4322.000	46.77	74.0	27.23	Peak	360.00	400	Horizontal	Pass
2**	4322.000	37.55	54.0	16.45	AV	360.00	400	Horizontal	Pass
3	5744.250	109.36	--	--	Peak	241.00	150	Horizontal	N/A
3**	5744.250	102.63	--	--	AV	241.00	150	Horizontal	N/A
4	7648.000	53.06	74.0	20.94	Peak	360.00	200	Horizontal	Pass
4**	7648.000	44.45	54.0	9.55	AV	360.00	200	Horizontal	Pass
5	12494.451	53.49	74.0	20.51	Peak	153.00	150	Horizontal	Pass
5**	12494.451	44.08	54.0	9.92	AV	153.00	150	Horizontal	Pass
6	15874.537	54.42	74.0	19.58	Peak	139.00	100	Horizontal	Pass
6**	15874.537	45.00	54.0	9.00	AV	139.00	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	1494.100	39.97	74.0	34.03	Peak	360.00	400	Vertical	Pass
1**	1494.100	29.72	54.0	24.28	AV	360.00	400	Vertical	Pass
2	4334.750	47.46	74.0	26.54	Peak	120.00	300	Vertical	Pass
2**	4334.750	38.67	54.0	15.33	AV	120.00	300	Vertical	Pass
3	5744.000	98.56	--	--	Peak	81.00	200	Vertical	N/A
3**	5744.000	92.43	--	--	AV	81.00	200	Vertical	N/A
4	7634.250	53.37	74.0	20.63	Peak	280.00	300	Vertical	Pass
4**	7634.250	43.57	54.0	10.43	AV	280.00	300	Vertical	Pass
5	12458.350	53.49	74.0	20.51	Peak	185.00	200	Vertical	Pass
5**	12458.350	44.52	54.0	9.48	AV	185.00	200	Vertical	Pass
6	15942.525	54.04	74.0	19.96	Peak	224.00	100	Vertical	Pass
6**	15942.525	43.86	54.0	10.14	AV	224.00	100	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	1438.800	38.28	74.0	35.72	Peak	150.00	100	Horizontal	Pass
1**	1438.800	28.90	54.0	25.10	AV	150.00	100	Horizontal	Pass
2	4261.000	47.22	74.0	26.78	Peak	199.00	400	Horizontal	Pass
2**	4261.000	37.97	54.0	16.03	AV	199.00	400	Horizontal	Pass
3	5784.000	108.19	--	--	Peak	238.00	100	Horizontal	N/A
3**	5784.000	100.81	--	--	AV	238.00	100	Horizontal	N/A
4	7598.750	53.23	74.0	20.77	Peak	297.00	200	Horizontal	Pass
4**	7598.750	43.98	54.0	10.02	AV	297.00	200	Horizontal	Pass
5	12498.013	53.29	74.0	20.71	Peak	0.00	200	Horizontal	Pass
5**	12498.013	44.19	54.0	9.81	AV	0.00	200	Horizontal	Pass
6	15834.375	54.11	74.0	19.89	Peak	161.00	400	Horizontal	Pass
6**	15834.375	43.99	54.0	10.01	AV	161.00	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	1493.600	40.97	74.0	33.03	Peak	0.00	400	Vertical	Pass
1**	1493.600	31.32	54.0	22.68	AV	0.00	400	Vertical	Pass
2	4323.250	47.05	74.0	26.95	Peak	360.00	200	Vertical	Pass
2**	4323.250	38.36	54.0	15.64	AV	360.00	200	Vertical	Pass
3	5784.000	99.26	--	--	Peak	101.00	150	Vertical	N/A
3**	5784.000	92.25	--	--	AV	101.00	150	Vertical	N/A
4	7418.250	53.56	74.0	20.44	Peak	280.00	100	Vertical	Pass
4**	7418.250	43.57	54.0	10.43	AV	280.00	100	Vertical	Pass
5	12488.750	53.71	74.0	20.29	Peak	53.00	200	Vertical	Pass
5**	12488.750	43.87	54.0	10.13	AV	53.00	200	Vertical	Pass
6	15381.300	53.94	74.0	20.06	Peak	88.00	100	Vertical	Pass
6**	15381.300	43.90	54.0	10.10	AV	88.00	100	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	1499.600	38.53	74.0	35.47	Peak	155.00	400	Horizontal	Pass
1**	1499.600	29.43	54.0	24.57	AV	155.00	400	Horizontal	Pass
2	4334.000	47.34	74.0	26.66	Peak	323.00	100	Horizontal	Pass
2**	4334.000	38.11	54.0	15.89	AV	323.00	100	Horizontal	Pass
3	5824.500	107.04	--	--	Peak	243.00	100	Horizontal	N/A
3**	5824.500	100.76	--	--	AV	243.00	100	Horizontal	N/A
4	7600.750	52.91	74.0	21.09	Peak	81.00	100	Horizontal	Pass
4**	7600.750	44.12	54.0	9.88	AV	81.00	100	Horizontal	Pass
5	12470.700	53.53	74.0	20.47	Peak	139.00	200	Horizontal	Pass
5**	12470.700	44.05	54.0	9.95	AV	139.00	200	Horizontal	Pass
6	16107.900	54.48	74.0	19.52	Peak	297.00	200	Horizontal	Pass
6**	16107.900	45.82	54.0	8.18	AV	297.00	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	1496.900	41.99	74.0	32.01	Peak	150.00	200	Vertical	Pass
1**	1496.900	28.99	54.0	25.01	AV	150.00	200	Vertical	Pass
2	4258.000	47.72	74.0	26.28	Peak	25.00	100	Vertical	Pass
2**	4258.000	37.97	54.0	16.03	AV	25.00	100	Vertical	Pass
3	5824.000	99.83	--	--	Peak	95.00	150	Vertical	N/A
3**	5824.000	92.13	--	--	AV	95.00	150	Vertical	N/A
4	7602.250	54.00	74.0	20.00	Peak	56.00	200	Vertical	Pass
4**	7602.250	44.23	54.0	9.77	AV	56.00	200	Vertical	Pass
5	12526.037	54.07	74.0	19.93	Peak	360.00	100	Vertical	Pass
5**	12526.037	44.26	54.0	9.74	AV	360.00	100	Vertical	Pass
6	15903.674	54.90	74.0	19.10	Peak	11.00	300	Vertical	Pass
6**	15903.674	45.98	54.0	8.02	AV	11.00	300	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	1496.300	39.79	74.0	34.21	Peak	155.00	400	Horizontal	Pass
1**	1496.300	32.81	54.0	21.19	AV	155.00	400	Horizontal	Pass
2	4367.500	47.39	74.0	26.61	Peak	304.00	200	Horizontal	Pass
2**	4367.500	38.41	54.0	15.59	AV	304.00	200	Horizontal	Pass
3	5752.000	105.58	--	--	Peak	243.00	100	Horizontal	N/A
3**	5752.000	98.38	--	--	AV	243.00	100	Horizontal	N/A
4	7587.000	53.35	74.0	20.65	Peak	13.00	100	Horizontal	Pass
4**	7587.000	43.85	54.0	10.15	AV	13.00	100	Horizontal	Pass
5	12505.612	53.80	74.0	20.20	Peak	259.00	150	Horizontal	Pass
5**	12505.612	43.96	54.0	10.04	AV	259.00	150	Horizontal	Pass
6	15912.075	54.17	74.0	19.83	Peak	154.00	200	Horizontal	Pass
6**	15912.075	45.17	54.0	8.83	AV	154.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.34	74.0	33.66	Peak	145.00	300	Vertical	Pass
1**	1499.100	34.73	54.0	19.27	AV	145.00	300	Vertical	Pass
2	4007.500	47.41	74.0	26.59	Peak	224.00	100	Vertical	Pass
2**	4007.500	37.78	54.0	16.22	AV	224.00	100	Vertical	Pass
3	5757.250	96.13	--	--	Peak	99.00	150	Vertical	N/A
3**	5757.250	88.77	--	--	AV	99.00	150	Vertical	N/A
4	7620.750	53.29	74.0	20.71	Peak	331.00	400	Vertical	Pass
4**	7620.750	43.63	54.0	10.37	AV	331.00	400	Vertical	Pass
5	12502.762	53.71	74.0	20.29	Peak	153.00	200	Vertical	Pass
5**	12502.762	44.66	54.0	9.34	AV	153.00	200	Vertical	Pass
6	16122.338	54.36	74.0	19.64	Peak	323.00	200	Vertical	Pass
6**	16122.338	44.87	54.0	9.13	AV	323.00	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	1449.900	38.11	74.0	35.89	Peak	174.00	100	Horizontal	Pass
1**	1449.900	29.37	54.0	24.63	AV	174.00	100	Horizontal	Pass
2	4137.750	47.24	74.0	26.76	Peak	304.00	400	Horizontal	Pass
2**	4137.750	37.27	54.0	16.73	AV	304.00	400	Horizontal	Pass
3	5797.000	105.91	--	--	Peak	265.00	100	Horizontal	N/A
3**	5797.000	98.37	--	--	AV	265.00	100	Horizontal	N/A
4	7600.750	53.33	74.0	20.67	Peak	284.00	100	Horizontal	Pass
4**	7600.750	44.39	54.0	9.61	AV	284.00	100	Horizontal	Pass
5	12514.162	53.21	74.0	20.79	Peak	162.00	100	Horizontal	Pass
5**	12514.162	44.19	54.0	9.81	AV	162.00	100	Horizontal	Pass
6	16090.313	54.29	74.0	19.71	Peak	13.00	300	Horizontal	Pass
6**	16090.313	44.75	54.0	9.25	AV	13.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	40.19	74.0	33.81	Peak	360.00	200	Vertical	Pass
1**	1499.900	29.96	54.0	24.04	AV	360.00	200	Vertical	Pass
2	4336.500	46.93	74.0	27.07	Peak	163.00	300	Vertical	Pass
2**	4336.500	37.69	54.0	16.31	AV	163.00	300	Vertical	Pass
3	5796.750	97.95	--	--	Peak	103.00	150	Vertical	N/A
3**	5796.750	89.55	--	--	AV	103.00	150	Vertical	N/A
4	7484.750	53.25	74.0	20.75	Peak	124.00	300	Vertical	Pass
4**	7484.750	44.81	54.0	9.19	AV	124.00	300	Vertical	Pass
5	12463.337	53.48	74.0	20.52	Peak	157.00	150	Vertical	Pass
5**	12463.337	44.76	54.0	9.24	AV	157.00	150	Vertical	Pass
6	15883.463	54.46	74.0	19.54	Peak	151.00	400	Vertical	Pass
6**	15883.463	45.65	54.0	8.35	AV	151.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	40.52	74.0	33.48	Peak	159.00	400	Horizontal	Pass
1**	1496.000	28.91	54.0	25.09	AV	159.00	400	Horizontal	Pass
2	4349.000	46.95	74.0	27.05	Peak	101.00	100	Horizontal	Pass
2**	4349.000	38.70	54.0	15.30	AV	101.00	100	Horizontal	Pass
3	5744.500	108.87	--	--	Peak	241.00	200	Horizontal	N/A
3**	5744.500	101.91	--	--	AV	241.00	200	Horizontal	N/A
4	7648.250	53.33	74.0	20.67	Peak	301.00	400	Horizontal	Pass
4**	7648.250	44.48	54.0	9.52	AV	301.00	400	Horizontal	Pass
5	12485.900	54.45	74.0	19.55	Peak	360.00	200	Horizontal	Pass
5**	12485.900	44.59	54.0	9.41	AV	360.00	200	Horizontal	Pass
6	15912.863	53.75	74.0	20.25	Peak	183.00	300	Horizontal	Pass
6**	15912.863	44.70	54.0	9.30	AV	183.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	41.47	74.0	32.53	Peak	89.00	300	Vertical	Pass
1**	1499.300	33.01	54.0	20.99	AV	89.00	300	Vertical	Pass
2	4327.250	47.43	74.0	26.57	Peak	42.00	400	Vertical	Pass
2**	4327.250	37.99	54.0	16.01	AV	42.00	400	Vertical	Pass
3	5746.000	98.91	--	--	Peak	100.00	150	Vertical	N/A
3**	5746.000	91.47	--	--	AV	100.00	150	Vertical	N/A
4	7595.000	53.41	74.0	20.59	Peak	360.00	300	Vertical	Pass
4**	7595.000	45.39	54.0	8.61	AV	360.00	300	Vertical	Pass
5	12521.525	53.87	74.0	20.13	Peak	0.00	100	Vertical	Pass
5**	12521.525	44.09	54.0	9.91	AV	0.00	100	Vertical	Pass
6	16099.500	54.56	74.0	19.44	Peak	11.00	400	Vertical	Pass
6**	16099.500	45.66	54.0	8.34	AV	11.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.800	38.93	74.0	35.07	Peak	349.00	300	Horizontal	Pass
1**	1498.800	29.14	54.0	24.86	AV	349.00	300	Horizontal	Pass
2	4395.750	47.05	74.0	26.95	Peak	11.00	200	Horizontal	Pass
2**	4395.750	37.25	54.0	16.75	AV	11.00	200	Horizontal	Pass
3	5786.250	108.09	--	--	Peak	238.00	200	Horizontal	N/A
3**	5786.250	101.83	--	--	AV	238.00	200	Horizontal	N/A
4	7358.750	53.25	74.0	20.75	Peak	238.00	100	Horizontal	Pass
4**	7358.750	44.29	54.0	9.71	AV	238.00	100	Horizontal	Pass
5	12452.412	53.21	74.0	20.79	Peak	235.00	100	Horizontal	Pass
5**	12452.412	44.65	54.0	9.35	AV	235.00	100	Horizontal	Pass
6	16103.437	54.76	74.0	19.24	Peak	40.00	400	Horizontal	Pass
6**	16103.437	45.00	54.0	9.00	AV	40.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.80	74.0	34.20	Peak	336.00	400	Vertical	Pass
1**	1500.400	32.24	54.0	21.76	AV	336.00	400	Vertical	Pass
2	4280.500	47.26	74.0	26.74	Peak	260.00	200	Vertical	Pass
2**	4280.500	38.76	54.0	15.24	AV	260.00	200	Vertical	Pass
3	5786.250	99.43	--	--	Peak	100.00	200	Vertical	N/A
3**	5786.250	92.68	--	--	AV	100.00	200	Vertical	N/A
4	7697.000	53.15	74.0	20.85	Peak	260.00	100	Vertical	Pass
4**	7697.000	42.97	54.0	11.03	AV	260.00	100	Vertical	Pass
5	12512.500	53.28	74.0	20.72	Peak	360.00	200	Vertical	Pass
5**	12512.500	44.97	54.0	9.03	AV	360.00	200	Vertical	Pass
6	16159.612	54.28	74.0	19.72	Peak	335.00	200	Vertical	Pass
6**	16159.612	45.31	54.0	8.69	AV	335.00	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	1616.900	38.68	74.0	35.32	Peak	77.00	300	Horizontal	Pass
1**	1616.900	29.36	54.0	24.64	AV	77.00	300	Horizontal	Pass
2	4373.000	47.60	74.0	26.40	Peak	183.00	200	Horizontal	Pass
2**	4373.000	36.62	54.0	17.38	AV	183.00	200	Horizontal	Pass
3	5825.250	107.20	--	--	Peak	243.00	200	Horizontal	N/A
3**	5825.250	99.44	--	--	AV	243.00	200	Horizontal	N/A
4	7648.500	53.58	74.0	20.42	Peak	360.00	300	Horizontal	Pass
4**	7648.500	43.57	54.0	10.43	AV	360.00	300	Horizontal	Pass
5	12513.450	53.14	74.0	20.86	Peak	240.00	100	Horizontal	Pass
5**	12513.450	45.08	54.0	8.92	AV	240.00	100	Horizontal	Pass
6	15912.337	54.10	74.0	19.90	Peak	13.00	300	Horizontal	Pass
6**	15912.337	44.52	54.0	9.48	AV	13.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.200	40.91	74.0	33.09	Peak	138.00	300	Vertical	Pass
1**	1497.200	30.16	54.0	23.84	AV	138.00	300	Vertical	Pass
2	4232.250	47.00	74.0	27.00	Peak	40.00	400	Vertical	Pass
2**	4232.250	37.56	54.0	16.44	AV	40.00	400	Vertical	Pass
3	5823.750	99.90	--	--	Peak	100.00	150	Vertical	N/A
3**	5823.750	92.19	--	--	AV	100.00	150	Vertical	N/A
4	7357.250	52.87	74.0	21.13	Peak	301.00	100	Vertical	Pass
4**	7357.250	44.72	54.0	9.28	AV	301.00	100	Vertical	Pass
5	12478.775	53.74	74.0	20.26	Peak	267.00	100	Vertical	Pass
5**	12478.775	44.08	54.0	9.92	AV	267.00	100	Vertical	Pass
6	16109.475	54.83	74.0	19.17	Peak	290.00	100	Vertical	Pass
6**	16109.475	44.70	54.0	9.30	AV	290.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	38.99	74.0	35.01	Peak	159.00	400	Horizontal	Pass
1**	1497.600	29.83	54.0	24.17	AV	159.00	400	Horizontal	Pass
2	4233.750	47.16	74.0	26.84	Peak	304.00	400	Horizontal	Pass
2**	4233.750	38.06	54.0	15.94	AV	304.00	400	Horizontal	Pass
3	5752.250	105.84	--	--	Peak	243.00	200	Horizontal	N/A
3**	5752.250	98.52	--	--	AV	243.00	200	Horizontal	N/A
4	7599.500	53.20	74.0	20.80	Peak	360.00	200	Horizontal	Pass
4**	7599.500	44.37	54.0	9.63	AV	360.00	200	Horizontal	Pass
5	12509.650	53.76	74.0	20.24	Peak	360.00	150	Horizontal	Pass
5**	12509.650	44.61	54.0	9.39	AV	360.00	150	Horizontal	Pass
6	16134.150	54.52	74.0	19.48	Peak	359.00	400	Horizontal	Pass
6**	16134.150	45.56	54.0	8.44	AV	359.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	40.59	74.0	33.41	Peak	141.00	400	Vertical	Pass
1**	1499.800	31.12	54.0	22.88	AV	141.00	400	Vertical	Pass
2	4349.500	47.32	74.0	26.68	Peak	124.00	100	Vertical	Pass
2**	4349.500	38.72	54.0	15.28	AV	124.00	100	Vertical	Pass
3	5756.750	96.59	--	--	Peak	103.00	150	Vertical	N/A
3**	5756.750	88.23	--	--	AV	103.00	150	Vertical	N/A
4	7607.750	53.21	74.0	20.79	Peak	204.00	100	Vertical	Pass
4**	7607.750	44.07	54.0	9.93	AV	204.00	100	Vertical	Pass
5	12467.138	53.05	74.0	20.95	Peak	317.00	150	Vertical	Pass
5**	12467.138	44.16	54.0	9.84	AV	317.00	150	Vertical	Pass
6	15685.537	54.05	74.0	19.95	Peak	43.00	200	Vertical	Pass
6**	15685.537	43.99	54.0	10.01	AV	43.00	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	1468.400	38.09	74.0	35.91	Peak	198.00	200	Horizontal	Pass
1**	1468.400	29.48	54.0	24.52	AV	198.00	200	Horizontal	Pass
2	4238.000	47.70	74.0	26.30	Peak	324.00	100	Horizontal	Pass
2**	4238.000	38.15	54.0	15.85	AV	324.00	100	Horizontal	Pass
3	5798.000	105.47	--	--	Peak	265.00	100	Horizontal	N/A
3**	5798.000	98.09	--	--	AV	265.00	100	Horizontal	N/A
4	7361.000	53.52	74.0	20.48	Peak	343.00	400	Horizontal	Pass
4**	7361.000	44.12	54.0	9.88	AV	343.00	400	Horizontal	Pass
5	12387.812	53.48	74.0	20.52	Peak	347.00	200	Horizontal	Pass
5**	12387.812	43.37	54.0	10.63	AV	347.00	200	Horizontal	Pass
6	16154.625	54.30	74.0	19.70	Peak	166.00	300	Horizontal	Pass
6**	16154.625	44.43	54.0	9.57	AV	166.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.91	74.0	33.09	Peak	142.00	300	Vertical	Pass
1**	1499.100	33.19	54.0	20.81	AV	142.00	300	Vertical	Pass
2	4168.000	47.02	74.0	26.98	Peak	358.00	300	Vertical	Pass
2**	4168.000	37.87	54.0	16.13	AV	358.00	300	Vertical	Pass
3	5792.500	96.93	--	--	Peak	99.00	100	Vertical	N/A
3**	5792.500	89.91	--	--	AV	99.00	100	Vertical	N/A
4	7357.000	53.10	74.0	20.90	Peak	117.00	100	Vertical	Pass
4**	7357.000	44.69	54.0	9.31	AV	117.00	100	Vertical	Pass
5	12502.287	54.38	74.0	19.62	Peak	304.00	200	Vertical	Pass
5**	12502.287	43.99	54.0	10.01	AV	304.00	200	Vertical	Pass
6	16105.800	54.51	74.0	19.49	Peak	250.00	400	Vertical	Pass
6**	16105.800	45.10	54.0	8.90	AV	250.00	400	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	1452.300	38.55	74.0	35.45	Peak	125.00	100	Horizontal	Pass
1**	1452.300	28.83	54.0	25.17	AV	125.00	100	Horizontal	Pass
2	4347.750	47.48	74.0	26.52	Peak	343.00	400	Horizontal	Pass
2**	4347.750	38.14	54.0	15.86	AV	343.00	400	Horizontal	Pass
3	5769.500	102.65	--	--	Peak	263.00	100	Horizontal	N/A
3**	5769.500	95.75	--	--	AV	263.00	100	Horizontal	N/A
4	7592.000	52.97	74.0	21.03	Peak	242.00	400	Horizontal	Pass
4**	7592.000	44.09	54.0	9.91	AV	242.00	400	Horizontal	Pass
5	12496.113	53.40	74.0	20.60	Peak	347.00	100	Horizontal	Pass
5**	12496.113	44.67	54.0	9.33	AV	347.00	100	Horizontal	Pass
6	16074.563	54.25	74.0	19.75	Peak	326.00	300	Horizontal	Pass
6**	16074.563	44.20	54.0	9.80	AV	326.00	300	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	1500.200	41.20	74.0	32.80	Peak	140.00	100	Vertical	Pass
1**	1500.200	32.95	54.0	21.05	AV	140.00	100	Vertical	Pass
2	4260.750	47.32	74.0	26.68	Peak	360.00	400	Vertical	Pass
2**	4260.750	38.31	54.0	15.69	AV	360.00	400	Vertical	Pass
3	5769.250	93.55	--	--	Peak	82.00	100	Vertical	N/A
3**	5769.250	86.70	--	--	AV	82.00	100	Vertical	N/A
4	7596.250	53.24	74.0	20.76	Peak	200.00	100	Vertical	Pass
4**	7596.250	43.40	54.0	10.60	AV	200.00	100	Vertical	Pass
5	12479.725	53.15	74.0	20.85	Peak	9.00	200	Vertical	Pass
5**	12479.725	45.15	54.0	8.85	AV	9.00	200	Vertical	Pass
6	16120.237	54.75	74.0	19.25	Peak	229.00	300	Vertical	Pass
6**	16120.237	45.89	54.0	8.11	AV	229.00	300	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

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

Test Data

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	60.40	74.0	13.60	Peak	257.00	100	Horizontal	Pass
1**	5148.917	47.42	54.0	6.58	AV	257.00	100	Horizontal	Pass
2	5150.000	59.94	74.0	14.06	Peak	257.00	150	Horizontal	Pass
2**	5150.000	48.09	54.0	5.91	AV	257.00	150	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.68	74.0	18.32	Peak	303.00	200	Horizontal	Pass
1**	5350.000	45.33	54.0	8.67	AV	303.00	200	Horizontal	Pass
2	5381.533	57.04	74.0	16.96	Peak	30.00	100	Horizontal	Pass
2**	5381.533	44.99	54.0	9.01	AV	30.00	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	5148.917	58.44	74.0	15.56	Peak	249.00	200	Horizontal	Pass
1**	5148.917	46.93	54.0	7.07	AV	249.00	200	Horizontal	Pass
2	5150.000	57.53	74.0	16.47	Peak	235.00	200	Horizontal	Pass
2**	5150.000	46.94	54.0	7.06	AV	235.00	200	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.22	74.0	17.78	Peak	4.00	150	Horizontal	Pass
1**	5350.000	45.18	54.0	8.82	AV	4.00	150	Horizontal	Pass
2	5381.717	57.15	74.0	16.85	Peak	9.00	200	Horizontal	Pass
2**	5381.717	44.90	54.0	9.10	AV	9.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	59.54	74.0	14.46	Peak	204.00	150	Horizontal	Pass
1**	5145.667	46.92	54.0	7.08	AV	204.00	150	Horizontal	Pass
2	5150.000	58.09	74.0	15.91	Peak	263.00	200	Horizontal	Pass
2**	5150.000	47.34	54.0	6.66	AV	263.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.52	74.0	18.48	Peak	238.00	100	Horizontal	Pass
1**	5350.000	45.20	54.0	8.80	AV	238.00	100	Horizontal	Pass
2	5394.550	57.09	74.0	16.91	Peak	284.00	150	Horizontal	Pass
2**	5394.550	44.53	54.0	9.47	AV	284.00	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	5145.667	58.28	74.0	15.72	Peak	255.00	100	Horizontal	Pass
1**	5145.667	46.17	54.0	7.83	AV	255.00	100	Horizontal	Pass
2	5150.000	57.49	74.0	16.51	Peak	261.00	200	Horizontal	Pass
2**	5150.000	47.33	54.0	6.67	AV	261.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.05	74.0	17.95	Peak	42.00	100	Horizontal	Pass
1**	5350.000	45.24	54.0	8.76	AV	42.00	100	Horizontal	Pass
2	5378.600	57.43	74.0	16.57	Peak	173.00	150	Horizontal	Pass
2**	5378.600	45.25	54.0	8.75	AV	173.00	150	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	5145.667	58.62	74.0	15.38	Peak	250.00	200	Horizontal	Pass
1**	5145.667	46.80	54.0	7.20	AV	250.00	200	Horizontal	Pass
2	5150.000	59.04	74.0	14.96	Peak	245.00	150	Horizontal	Pass
2**	5150.000	47.48	54.0	6.52	AV	245.00	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	5350.000	56.09	74.0	17.91	Peak	278.00	200	Horizontal	Pass
1**	5350.000	45.26	54.0	8.74	AV	278.00	200	Horizontal	Pass
2	5387.400	56.45	74.0	17.55	Peak	249.00	150	Horizontal	Pass
2**	5387.400	44.77	54.0	9.23	AV	249.00	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	5147.833	60.99	74.0	13.01	Peak	237.00	100	Horizontal	Pass
1**	5147.833	48.49	54.0	5.51	AV	237.00	100	Horizontal	Pass
2	5150.000	64.89	74.0	9.11	Peak	244.00	100	Horizontal	Pass
2**	5150.000	48.38	54.0	5.62	AV	244.00	100	Horizontal	Pass
3	5146.750	60.10	74.0	13.90	Peak	227.00	100	Horizontal	Pass
3**	5146.750	48.72	54.0	5.28	AV	227.00	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	5350.000	55.16	74.0	18.84	Peak	212.00	150	Horizontal	Pass
1**	5350.000	45.20	54.0	8.80	AV	212.00	150	Horizontal	Pass
2	5350.367	56.70	74.0	17.30	Peak	239.00	100	Horizontal	Pass
2**	5350.367	45.03	54.0	8.97	AV	239.00	100	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	5150.000	55.08	74.0	18.92	Peak	78.00	200	Horizontal	Pass
1**	5150.000	44.36	54.0	9.64	AV	78.00	200	Horizontal	Pass
2	5150.000	55.08	74.0	18.92	Peak	78.00	100	Horizontal	Pass
2**	5150.000	44.36	54.0	9.64	AV	78.00	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	58.92	74.0	15.08	Peak	247.00	200	Horizontal	Pass
1**	5350.000	48.29	54.0	5.71	AV	247.00	200	Horizontal	Pass
2	5352.750	59.02	74.0	14.98	Peak	240.00	200	Horizontal	Pass
2**	5352.750	47.30	54.0	6.70	AV	240.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.18	74.0	18.82	Peak	293.00	150	Horizontal	Pass
1**	5150.000	44.29	54.0	9.71	AV	293.00	150	Horizontal	Pass
2	5150.000	55.18	74.0	18.82	Peak	293.00	150	Horizontal	Pass
2**	5150.000	44.29	54.0	9.71	AV	293.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.43	74.0	14.57	Peak	254.00	100	Horizontal	Pass
1**	5350.000	48.32	54.0	5.68	AV	254.00	100	Horizontal	Pass
2	5351.650	59.14	74.0	14.86	Peak	213.00	100	Horizontal	Pass
2**	5351.650	48.13	54.0	5.87	AV	213.00	100	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	4898.666	56.10	74.0	17.90	Peak	112.00	200	Horizontal	Pass
1**	4898.666	43.82	54.0	10.18	AV	112.00	200	Horizontal	Pass
2	5150.000	55.02	74.0	18.98	Peak	146.00	200	Horizontal	Pass
2**	5150.000	44.28	54.0	9.72	AV	146.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.35	74.0	16.65	Peak	226.00	100	Horizontal	Pass
1**	5350.000	48.05	54.0	5.95	AV	226.00	100	Horizontal	Pass
2	5350.733	58.35	74.0	15.65	Peak	239.00	150	Horizontal	Pass
2**	5350.733	47.68	54.0	6.32	AV	239.00	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	4836.917	56.22	74.0	17.78	Peak	336.00	200	Horizontal	Pass
1**	4836.917	43.77	54.0	10.23	AV	336.00	200	Horizontal	Pass
2	5150.000	55.83	74.0	18.17	Peak	192.00	100	Horizontal	Pass
2**	5150.000	44.29	54.0	9.71	AV	192.00	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	58.49	74.0	15.51	Peak	200.00	100	Horizontal	Pass
1**	5350.000	48.45	54.0	5.55	AV	200.00	100	Horizontal	Pass
2	5350.733	59.24	74.0	14.76	Peak	241.00	200	Horizontal	Pass
2**	5350.733	48.02	54.0	5.98	AV	241.00	200	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	4885.666	56.39	74.0	17.61	Peak	26.00	150	Horizontal	Pass
1**	4885.666	44.06	54.0	9.94	AV	26.00	150	Horizontal	Pass
2	5150.000	54.92	74.0	19.08	Peak	221.00	200	Horizontal	Pass
2**	5150.000	44.36	54.0	9.64	AV	221.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.41	74.0	16.59	Peak	269.00	150	Horizontal	Pass
1**	5350.000	47.96	54.0	6.04	AV	269.00	150	Horizontal	Pass
2	5357.883	58.43	74.0	15.57	Peak	246.00	100	Horizontal	Pass
2**	5357.883	46.57	54.0	7.43	AV	246.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.750	55.95	74.0	18.05	Peak	317.00	100	Horizontal	Pass
1**	5133.750	44.46	54.0	9.54	AV	317.00	100	Horizontal	Pass
2	5150.000	54.77	74.0	19.23	Peak	164.00	150	Horizontal	Pass
2**	5150.000	44.25	54.0	9.75	AV	164.00	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	60.54	74.0	13.46	Peak	213.00	100	Horizontal	Pass
1**	5350.000	48.38	54.0	5.62	AV	213.00	100	Horizontal	Pass
2	5355.500	65.15	74.0	8.85	Peak	246.00	150	Horizontal	Pass
2**	5355.500	48.62	54.0	5.38	AV	246.00	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	5350.200	57.30	74.0	16.70	Peak	195.00	150	Horizontal	Pass
1**	5350.200	44.77	54.0	9.23	AV	195.00	150	Horizontal	Pass
2	5460.000	55.64	74.0	18.36	Peak	254.00	200	Horizontal	Pass
2**	5460.000	45.18	54.0	8.82	AV	254.00	200	Horizontal	Pass
3	5468.200	57.67	68.2	10.53	Peak	237.00	100	Horizontal	Pass
3**	5468.200	46.17	--	--	AV	237.00	100	Horizontal	N/A
4	5469.800	56.28	68.2	11.92	Peak	219.00	100	Horizontal	Pass
4**	5469.800	46.01	--	--	AV	219.00	100	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	58.90	68.2	9.30	Peak	240.00	100	Horizontal	Pass
2	5728.750	59.96	68.2	8.24	Peak	221.00	100	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	5437.800	56.68	74.0	17.32	Peak	198.00	150	Horizontal	Pass
1**	5437.800	45.07	54.0	8.93	AV	198.00	150	Horizontal	Pass
2	5460.000	54.99	74.0	19.01	Peak	249.00	150	Horizontal	Pass
2**	5460.000	45.16	54.0	8.84	AV	249.00	150	Horizontal	Pass
3	5468.600	57.35	68.2	10.85	Peak	242.00	150	Horizontal	Pass
3**	5468.600	46.05	--	--	AV	242.00	150	Horizontal	N/A
4	5469.800	56.75	68.2	11.45	Peak	226.00	100	Horizontal	Pass
4**	5469.800	46.56	--	--	AV	226.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.79	68.2	5.41	Peak	231.00	200	Horizontal	Pass
2	5725.416	62.12	68.2	6.08	Peak	237.00	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	5458.600	56.54	74.0	17.46	Peak	203.00	200	Horizontal	Pass
1**	5458.600	45.92	54.0	8.08	AV	203.00	200	Horizontal	Pass
2	5460.000	55.89	74.0	18.11	Peak	272.00	100	Horizontal	Pass
2**	5460.000	46.00	54.0	8.00	AV	272.00	100	Horizontal	Pass
3	5465.600	59.75	68.2	8.45	Peak	240.00	150	Horizontal	Pass
3**	5465.600	47.74	--	--	AV	240.00	150	Horizontal	N/A
4	5469.800	59.01	68.2	9.19	Peak	220.00	100	Horizontal	Pass
4**	5469.800	48.95	--	--	AV	220.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.61	68.2	5.59	Peak	242.00	200	Horizontal	Pass
2	5725.834	62.14	68.2	6.06	Peak	247.00	200	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	5458.000	57.70	74.0	16.30	Peak	219.00	200	Horizontal	Pass
1**	5458.000	45.16	54.0	8.84	AV	219.00	200	Horizontal	Pass
2	5460.000	55.45	74.0	18.55	Peak	224.00	200	Horizontal	Pass
2**	5460.000	45.28	54.0	8.72	AV	224.00	200	Horizontal	Pass
3	5466.800	57.41	68.2	10.79	Peak	239.00	150	Horizontal	Pass
3**	5466.800	45.66	--	--	AV	239.00	150	Horizontal	N/A
4	5469.800	56.43	68.2	11.77	Peak	264.00	200	Horizontal	Pass
4**	5469.800	46.46	--	--	AV	264.00	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	62.51	68.2	5.69	Peak	216.00	100	Horizontal	Pass
2	5725.209	61.66	68.2	6.54	Peak	235.00	200	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	5411.200	56.72	74.0	17.28	Peak	183.00	150	Horizontal	Pass
1**	5411.200	44.72	54.0	9.28	AV	183.00	150	Horizontal	Pass
2	5460.000	56.00	74.0	18.00	Peak	201.00	200	Horizontal	Pass
2**	5460.000	45.88	54.0	8.12	AV	201.00	200	Horizontal	Pass
3	5468.600	61.10	68.2	7.10	Peak	239.00	150	Horizontal	Pass
3**	5468.600	48.12	--	--	AV	239.00	150	Horizontal	N/A
4	5469.800	59.35	68.2	8.85	Peak	262.00	150	Horizontal	Pass
4**	5469.800	48.79	--	--	AV	262.00	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	5725.000	62.07	68.2	6.13	Peak	220.00	100	Horizontal	Pass
2	5726.875	62.39	68.2	5.81	Peak	242.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.000	58.95	74.0	15.05	Peak	225.00	150	Horizontal	Pass
1**	5459.000	47.88	54.0	6.12	AV	225.00	150	Horizontal	Pass
2	5460.000	58.41	74.0	15.59	Peak	241.00	200	Horizontal	Pass
2**	5460.000	48.21	54.0	5.79	AV	241.00	200	Horizontal	Pass
3	5469.000	60.16	68.2	8.04	Peak	264.00	100	Horizontal	Pass
3**	5469.000	48.01	--	--	AV	264.00	100	Horizontal	N/A
4	5469.800	60.60	68.2	7.60	Peak	270.00	200	Horizontal	Pass
4**	5469.800	48.66	--	--	AV	270.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.55	68.2	5.65	Peak	236.00	100	Horizontal	Pass
2	5739.167	63.04	68.2	5.16	Peak	241.00	150	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	5643.334	56.07	68.2	12.13	Peak	241.00	100	Horizontal	Pass
2	5650.000	55.77	68.2	12.43	Peak	0.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.30	68.4	13.10	Peak	214.00	200	Horizontal	Pass
2	5968.500	56.98	68.2	11.22	Peak	290.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.333	56.25	68.2	11.95	Peak	182.00	100	Horizontal	Pass
2	5650.000	55.67	68.2	12.53	Peak	223.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.13	68.4	13.27	Peak	112.00	200	Horizontal	Pass
2	5943.750	57.31	68.2	10.89	Peak	312.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.958	56.94	68.2	11.26	Peak	241.00	200	Horizontal	Pass
2	5650.000	56.02	68.2	12.18	Peak	235.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.35	68.4	12.05	Peak	93.00	100	Horizontal	Pass
2	5983.750	56.71	68.2	11.49	Peak	200.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.000	56.35	68.2	11.85	Peak	104.00	200	Horizontal	Pass
2	5650.000	54.71	68.2	13.49	Peak	360.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	54.90	68.4	13.50	Peak	258.00	100	Horizontal	Pass
2	5980.250	57.34	68.2	10.86	Peak	79.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.875	56.86	68.2	11.34	Peak	222.00	200	Horizontal	Pass
2	5650.000	57.28	68.2	10.92	Peak	261.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.27	68.4	13.13	Peak	34.00	100	Horizontal	Pass
2	5998.000	56.99	68.2	11.21	Peak	304.00	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	5649.584	62.74	68.2	5.46	Peak	237.00	100	Horizontal	Pass
2	5650.000	61.40	68.2	6.80	Peak	218.00	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	5924.750	57.68	68.4	10.72	Peak	220.00	100	Horizontal	Pass
2	5926.000	59.51	68.2	8.69	Peak	235.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2580860-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2580860-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2580860-AI.PDF”.

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