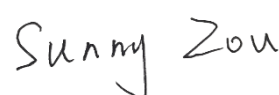
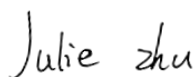


TEST REPORT

Applicant: Guangdong Hengqin Xingtong Technology Co.,Ltd.
Address: Room 1306, No. 8 Yanghuan Road, Hengqin New District, Zhuhai City, Guangdong Province, China
Equipment Type: Tablet PC
Model Name: T100
Brand Name: Think Academy
FCC ID: 2BLKHT100
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Oct. 14, 2024
Test Date: Oct. 16, 2024 - Nov. 11, 2024
Date of Issue: Dec. 02, 2024

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>Dec. 02, 2024</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 Hengqin Xingtong Technology Co., Ltd.
Address	Room 1306, No. 8 Yanghuan Road, Hengqin New District, Zhuhai City, Guangdong Province, China

2.2 Manufacturer Information

Manufacturer	Guangdong Hengqin Xingtong Technology Co., Ltd.
Address	Room 1306, No. 8 Yanghuan Road, Hengqin New District, Zhuhai City, Guangdong Province, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	T100
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	GH8786S_MPCB_LAT
Software Version	V8.14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

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

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: 61.52 mW U-NII-2A: 57.68 mW U-NII-2C: 31.55 mW U-NII-3: 61.09 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.10 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.70 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.80 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.50 dBi
About the Product	The equipment is Tablet PC, 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		
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated

emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 57%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+239.℃ to +26.8℃
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2024.07.06	2027.07.05
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

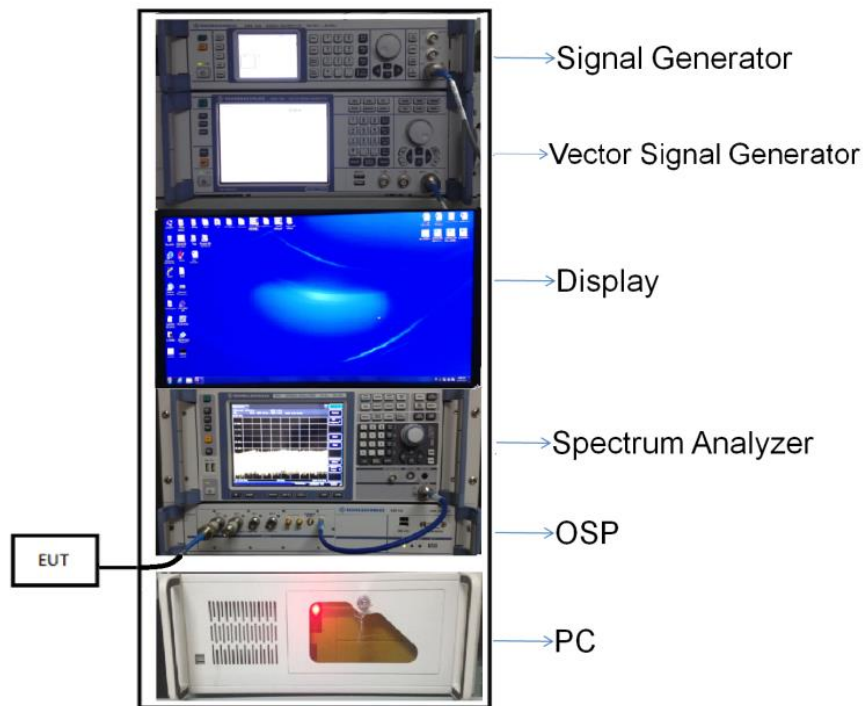
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

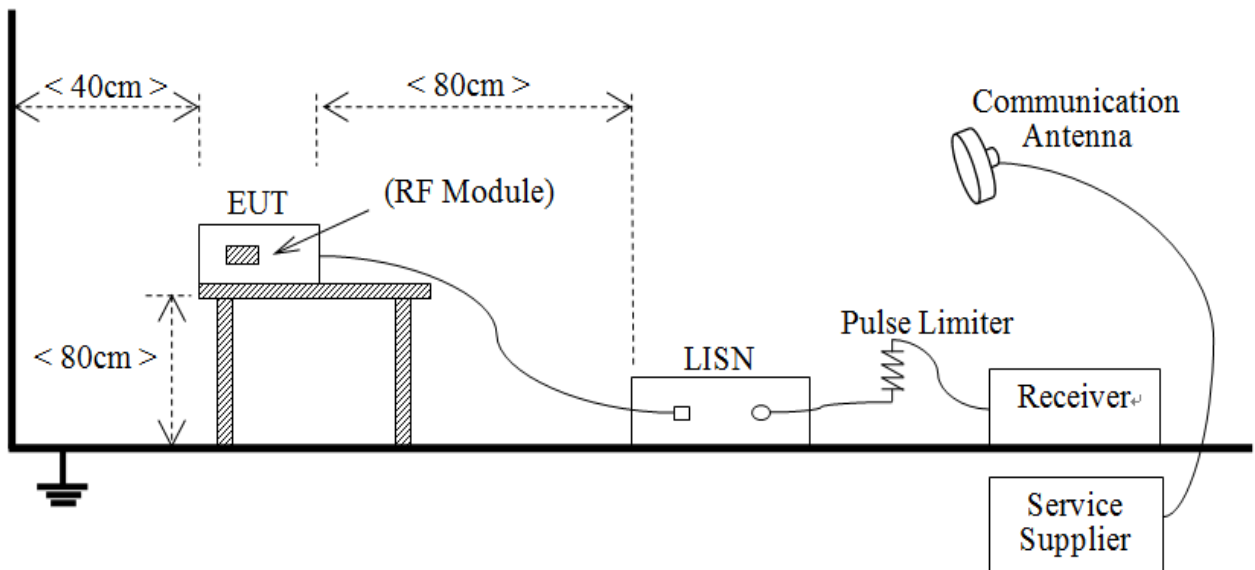
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



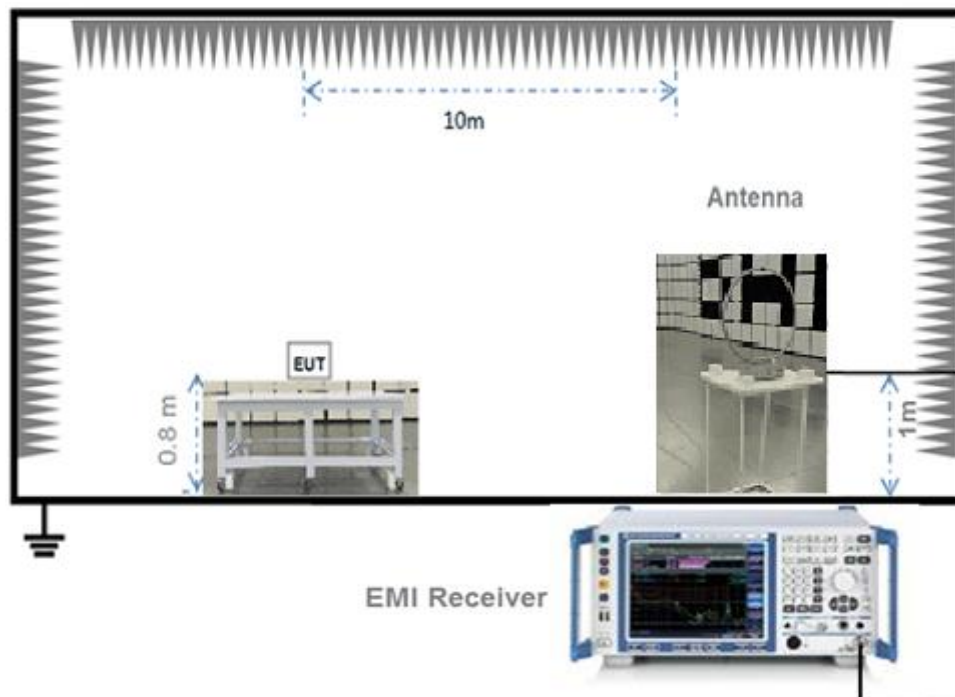
(Diagram 1)

4.5.2 For AC Power Supply Port Test



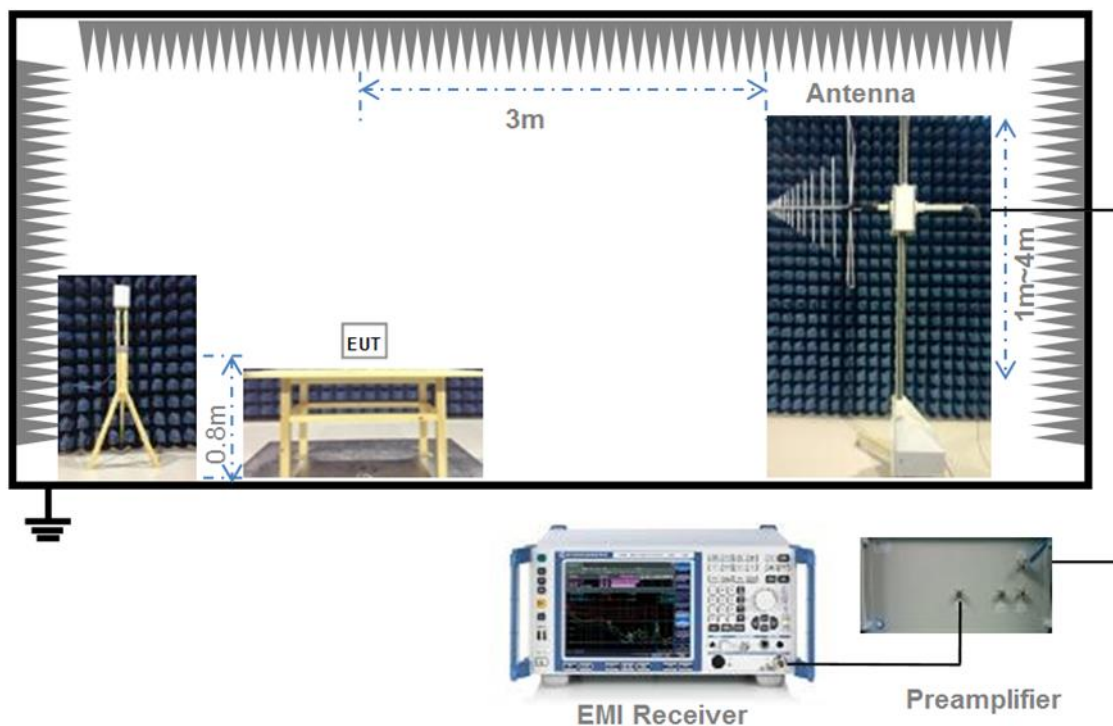
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



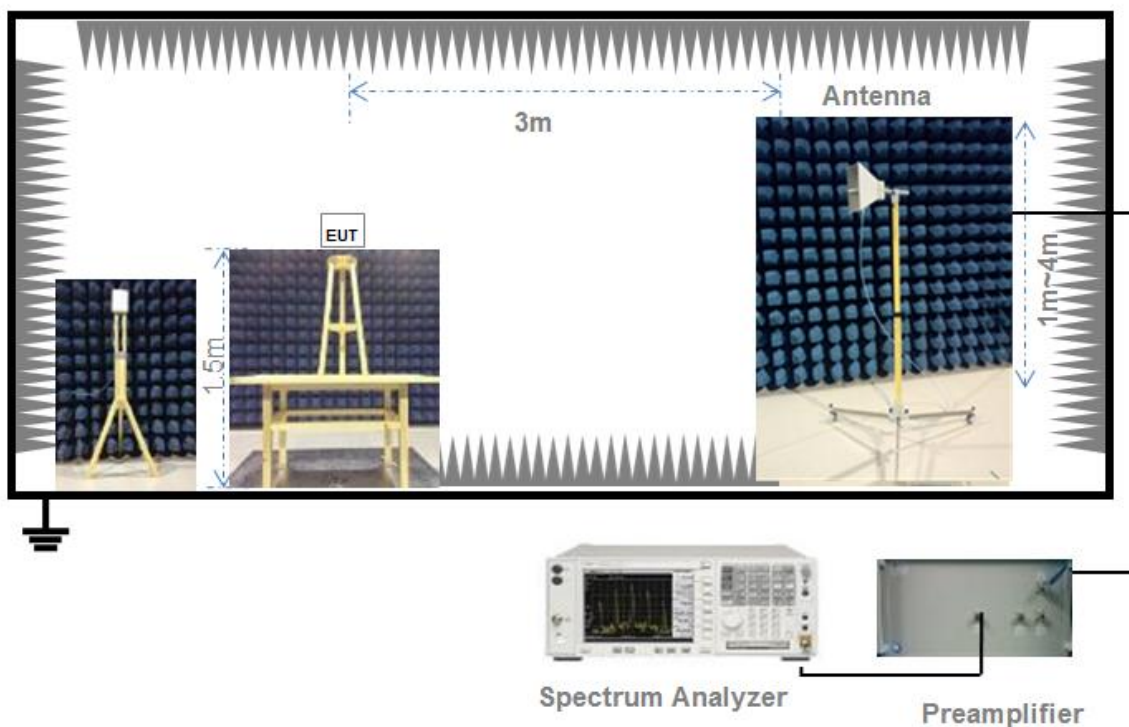
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

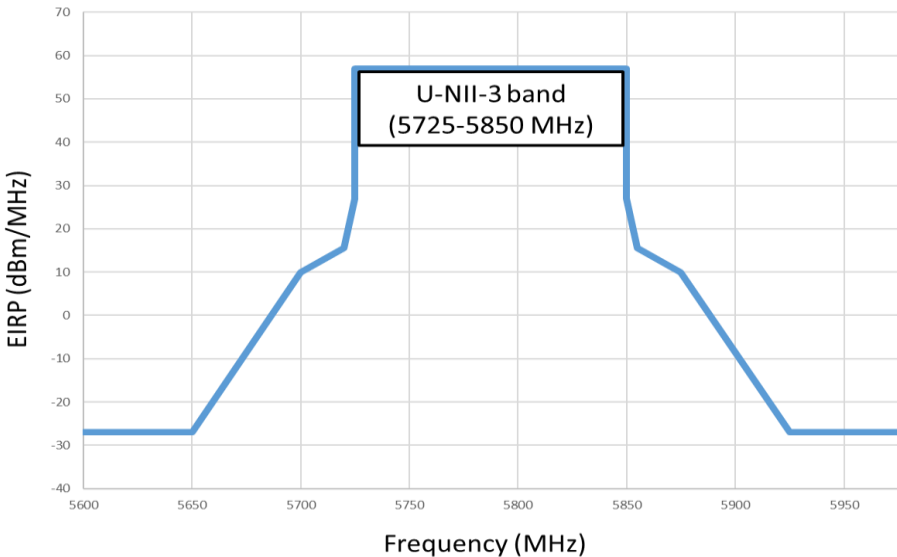
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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	1.39	1.43	96.65%	0.15
11n (HT20)/11ac (VHT20)	1.31	1.36	96.17%	0.17
11n (HT40)/11ac (VHT40)	0.64	0.69	92.63%	0.33
11ac (VHT80)	0.32	0.36	87.39%	0.59

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.56	57.02	250	Pass
11a	CH44	17.44	55.46	250	Pass
11a	CH48	17.36	54.45	250	Pass
11n (HT20)	CH36	17.89	61.52	250	Pass
11n (HT20)	CH44	17.33	54.08	250	Pass
11n (HT20)	CH48	17.13	51.64	250	Pass
11n (HT40)	CH38	15.37	34.43	250	Pass
11n (HT40)	CH46	14.99	31.55	250	Pass
11ac (VHT20)	CH36	16.22	41.88	250	Pass
11ac (VHT20)	CH44	15.81	38.11	250	Pass
11ac (VHT20)	CH48	16.02	39.99	250	Pass
11ac (VHT40)	CH38	15.01	31.70	250	Pass
11ac (VHT40)	CH46	15.07	32.14	250	Pass
11ac (VHT80)	CH42	14.41	27.61	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.46	55.72	250	Pass
11a	CH60	17.61	57.68	250	Pass
11a	CH64	17.38	54.70	250	Pass
11n (HT20)	CH52	17.57	57.15	250	Pass
11n (HT20)	CH60	17.18	52.24	250	Pass
11n (HT20)	CH64	17.13	51.64	250	Pass
11n (HT40)	CH54	15.17	32.89	250	Pass
11n (HT40)	CH62	14.95	31.26	250	Pass
11ac (VHT20)	CH52	16.20	41.69	250	Pass
11ac (VHT20)	CH60	16.09	40.64	250	Pass
11ac (VHT20)	CH64	16.23	41.98	250	Pass
11ac (VHT40)	CH54	15.26	33.57	250	Pass
11ac (VHT40)	CH62	15.01	31.70	250	Pass
11ac (VHT80)	CH58	13.94	24.77	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.09	25.64	250	Pass
11a	CH116	14.22	26.42	250	Pass
11a	CH140	14.83	30.41	250	Pass
11n (HT20)	CH100	13.97	24.95	250	Pass
11n (HT20)	CH116	14.07	25.53	250	Pass
11n (HT20)	CH140	14.99	31.55	250	Pass
11n (HT40)	CH102	13.69	23.39	250	Pass
11n (HT40)	CH118	14.04	25.35	250	Pass
11n (HT40)	CH134	14.48	28.05	250	Pass
11ac (VHT20)	CH100	13.99	25.06	250	Pass
11ac (VHT20)	CH116	14.05	25.41	250	Pass
11ac (VHT20)	CH140	14.85	30.55	250	Pass
11ac (VHT40)	CH102	13.85	24.27	250	Pass
11ac (VHT40)	CH118	13.96	24.89	250	Pass
11ac (VHT40)	CH134	14.66	29.24	250	Pass
11ac (VHT80)	CH106	13.64	23.12	250	Pass
11ac (VHT80)	CH122	13.93	24.72	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.57	57.15	1000	Pass
11a	CH157	17.86	61.09	1000	Pass
11a	CH165	17.23	52.84	1000	Pass
11n (HT20)	CH149	17.58	57.28	1000	Pass
11n (HT20)	CH157	17.77	59.84	1000	Pass
11n (HT20)	CH165	17.51	56.36	1000	Pass
11n (HT40)	CH151	15.35	34.28	1000	Pass
11n (HT40)	CH159	15.45	35.08	1000	Pass
11ac (VHT20)	CH149	16.00	39.81	1000	Pass
11ac (VHT20)	CH157	16.15	41.21	1000	Pass
11ac (VHT20)	CH165	15.92	39.08	1000	Pass
11ac (VHT40)	CH151	15.20	33.11	1000	Pass
11ac (VHT40)	CH159	15.38	34.51	1000	Pass
11ac (VHT80)	CH155	14.13	25.88	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ24A0325-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.90	16.46
11a	CH44	20.70	16.48
11a	CH48	20.92	16.52
11n (HT20)	CH36	20.24	17.62
11n (HT20)	CH44	20.29	17.63
11n (HT20)	CH48	21.09	17.63
11n (HT40)	CH38	40.21	36.04
11n (HT40)	CH46	40.83	36.02
11ac (VHT20)	CH36	20.38	17.57
11ac (VHT20)	CH44	20.39	17.58
11ac (VHT20)	CH48	20.21	17.55
11ac (VHT40)	CH38	40.67	35.99
11ac (VHT40)	CH46	40.60	36.01
11ac (VHT80)	CH42	81.17	75.30

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.68	16.51
11a	CH60	20.93	16.54
11a	CH64	22.91	16.50
11n (HT20)	CH52	21.72	17.63
11n (HT20)	CH60	22.52	17.64
11n (HT20)	CH64	22.30	17.64
11n (HT40)	CH54	40.77	36.12
11n (HT40)	CH62	40.49	36.11
11ac (VHT20)	CH52	20.36	17.58
11ac (VHT20)	CH60	20.21	17.58
11ac (VHT20)	CH64	20.31	17.57
11ac (VHT40)	CH54	40.35	36.00
11ac (VHT40)	CH62	40.64	36.02
11ac (VHT80)	CH58	81.29	75.32

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.00	16.61
11a	CH116	22.14	16.60
11a	CH140	20.58	16.52
11n (HT20)	CH100	23.51	17.69
11n (HT20)	CH116	22.63	17.68
11n (HT20)	CH140	21.94	17.65
11n (HT40)	CH102	40.64	36.14
11n (HT40)	CH118	40.34	36.10
11n (HT40)	CH134	40.79	36.09
11ac (VHT20)	CH100	20.49	17.63
11ac (VHT20)	CH116	21.07	17.62
11ac (VHT20)	CH140	20.28	17.58
11ac (VHT40)	CH102	40.45	36.08
11ac (VHT40)	CH118	40.29	36.04
11ac (VHT40)	CH134	40.39	36.04
11ac (VHT80)	CH106	81.26	75.36
11ac (VHT80)	CH122	81.01	75.36

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.37	16.50
11a	CH157	20.43	16.53
11a	CH165	20.39	16.51
11n (HT20)	CH149	20.79	17.63
11n (HT20)	CH157	20.72	17.63
11n (HT20)	CH165	20.83	17.64
11n (HT40)	CH151	40.30	36.10
11n (HT40)	CH159	40.58	36.07
11ac (VHT20)	CH149	20.37	17.58
11ac (VHT20)	CH157	20.27	17.56
11ac (VHT20)	CH165	20.28	17.59
11ac (VHT40)	CH151	40.75	36.03
11ac (VHT40)	CH159	40.45	36.04
11ac (VHT80)	CH155	80.90	75.32

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ24A0325-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	34.00	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.90	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ24A0325-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.79	11.00	Pass
11a	CH44	6.84	11.00	Pass
11a	CH48	6.92	11.00	Pass
11n (HT20)	CH36	7.22	11.00	Pass
11n (HT20)	CH44	6.45	11.00	Pass
11n (HT20)	CH48	6.19	11.00	Pass
11n (HT40)	CH38	1.67	11.00	Pass
11n (HT40)	CH46	1.14	11.00	Pass
11ac (VHT20)	CH36	5.68	11.00	Pass
11ac (VHT20)	CH44	5.06	11.00	Pass
11ac (VHT20)	CH48	4.65	11.00	Pass
11ac (VHT40)	CH38	1.70	11.00	Pass
11ac (VHT40)	CH46	1.21	11.00	Pass
11ac (VHT80)	CH42	-2.34	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.97	11.00	Pass
11a	CH60	6.94	11.00	Pass
11a	CH64	6.76	11.00	Pass
11n (HT20)	CH52	6.65	11.00	Pass
11n (HT20)	CH60	6.31	11.00	Pass
11n (HT20)	CH64	6.52	11.00	Pass
11n (HT40)	CH54	1.21	11.00	Pass
11n (HT40)	CH62	1.26	11.00	Pass
11ac (VHT20)	CH52	5.25	11.00	Pass
11ac (VHT20)	CH60	5.20	11.00	Pass
11ac (VHT20)	CH64	5.25	11.00	Pass
11ac (VHT40)	CH54	1.26	11.00	Pass
11ac (VHT40)	CH62	1.18	11.00	Pass
11ac (VHT80)	CH58	-3.04	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	3.27	11.00	Pass
11a	CH116	3.51	11.00	Pass
11a	CH140	4.39	11.00	Pass
11n (HT20)	CH100	3.05	11.00	Pass
11n (HT20)	CH116	3.30	11.00	Pass
11n (HT20)	CH140	4.20	11.00	Pass
11n (HT40)	CH102	-0.16	11.00	Pass
11n (HT40)	CH118	0.30	11.00	Pass
11n (HT40)	CH134	0.85	11.00	Pass
11ac (VHT20)	CH100	3.05	11.00	Pass
11ac (VHT20)	CH116	3.19	11.00	Pass
11ac (VHT20)	CH140	4.05	11.00	Pass
11ac (VHT40)	CH102	-0.11	11.00	Pass
11ac (VHT40)	CH118	0.20	11.00	Pass
11ac (VHT40)	CH134	0.95	11.00	Pass
11ac (VHT80)	CH106	-3.28	11.00	Pass
11ac (VHT80)	CH122	-3.06	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.49	30.00	Pass
11a	CH157	4.43	30.00	Pass
11a	CH165	3.71	30.00	Pass
11n (HT20)	CH149	3.92	30.00	Pass
11n (HT20)	CH157	3.98	30.00	Pass
11n (HT20)	CH165	3.70	30.00	Pass
11n (HT40)	CH151	-1.47	30.00	Pass
11n (HT40)	CH159	-1.06	30.00	Pass
11ac (VHT20)	CH149	2.36	30.00	Pass
11ac (VHT20)	CH157	2.33	30.00	Pass
11ac (VHT20)	CH165	2.11	30.00	Pass
11ac (VHT40)	CH151	-1.43	30.00	Pass
11ac (VHT40)	CH159	-1.37	30.00	Pass
11ac (VHT80)	CH155	-5.45	30.00	Pass

A.5 Conducted Emissions

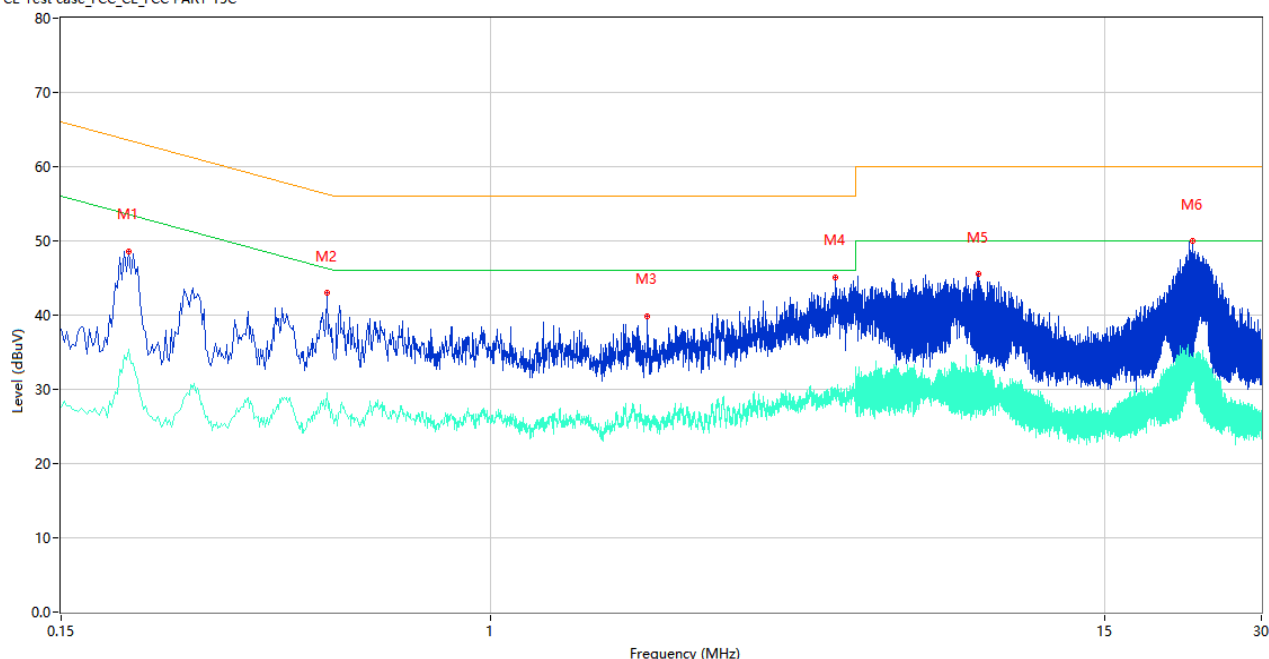
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

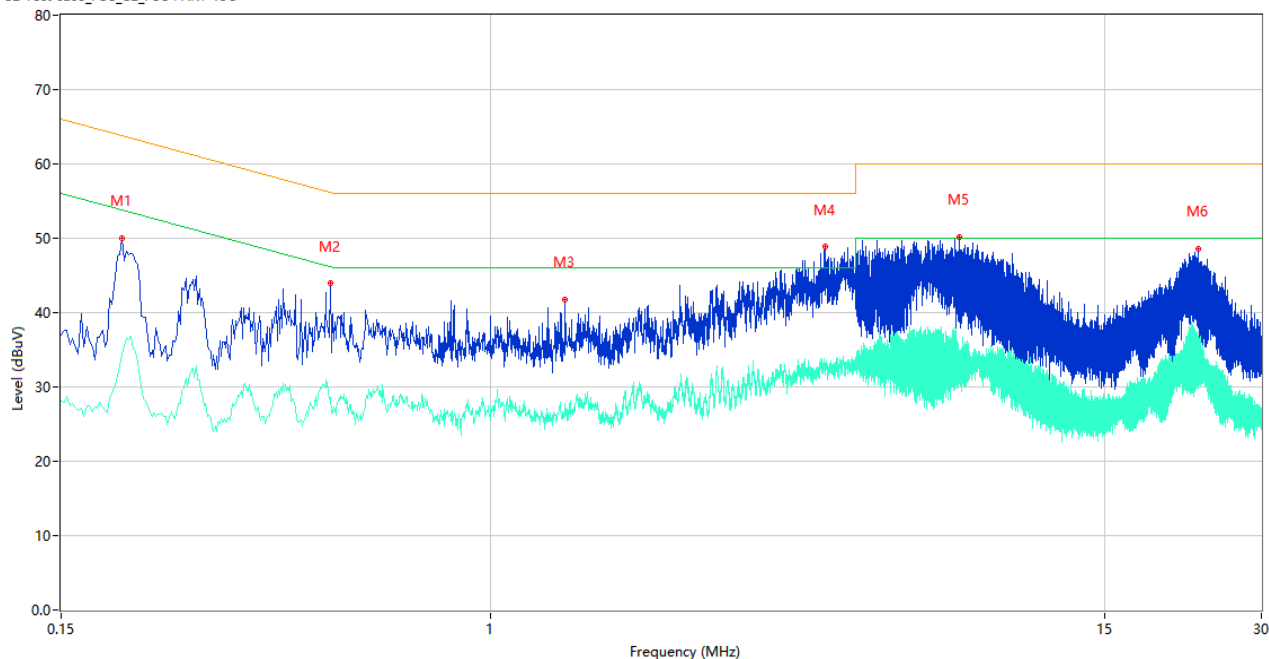
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.202	48.64	9.77	63.53	14.89	Peak	L	Pass
1**	0.202	35.37	9.77	53.53	18.16	AV	L	Pass
2	0.486	42.95	9.99	56.24	13.29	Peak	L	Pass
2**	0.486	29.49	9.99	46.24	16.75	AV	L	Pass
3	1.998	39.88	10.22	56.00	16.12	Peak	L	Pass
3**	1.998	26.42	10.22	46.00	19.58	AV	L	Pass
4	4.578	45.11	10.52	56.00	10.89	Peak	L	Pass
4**	4.578	30.04	10.52	46.00	15.96	AV	L	Pass
5	8.620	45.51	10.47	60.00	14.49	Peak	L	Pass
5**	8.620	33.67	10.47	50.00	16.33	AV	L	Pass
6	22.188	49.96	10.85	60.00	10.04	Peak	L	Pass
6**	22.188	34.14	10.85	50.00	15.86	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	50.00	9.77	63.78	13.78	Peak	N	Pass
1**	0.196	34.48	9.77	53.78	19.30	AV	N	Pass
2	0.492	43.91	9.99	56.13	12.22	Peak	N	Pass
2**	0.492	28.55	9.99	46.13	17.58	AV	N	Pass
3	1.388	41.82	9.79	56.00	14.18	Peak	N	Pass
3**	1.388	27.73	9.79	46.00	18.27	AV	N	Pass
4	4.366	48.85	10.17	56.00	7.15	Peak	N	Pass
4**	4.366	32.71	10.17	46.00	13.29	AV	N	Pass
5	7.924	50.20	10.32	60.00	9.80	Peak	N	Pass
5**	7.924	31.11	10.32	50.00	18.89	AV	N	Pass
6	22.702	48.63	10.81	60.00	11.37	Peak	N	Pass
6**	22.702	35.22	10.81	50.00	14.78	AV	N	Pass

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

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

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

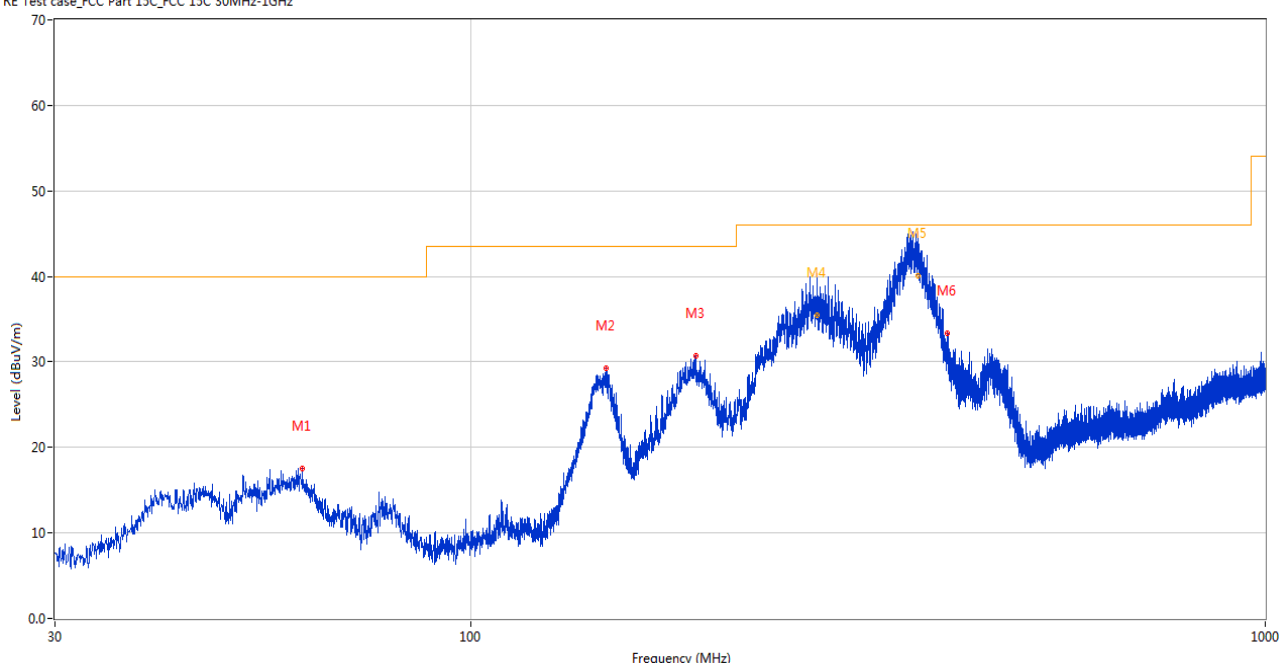
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

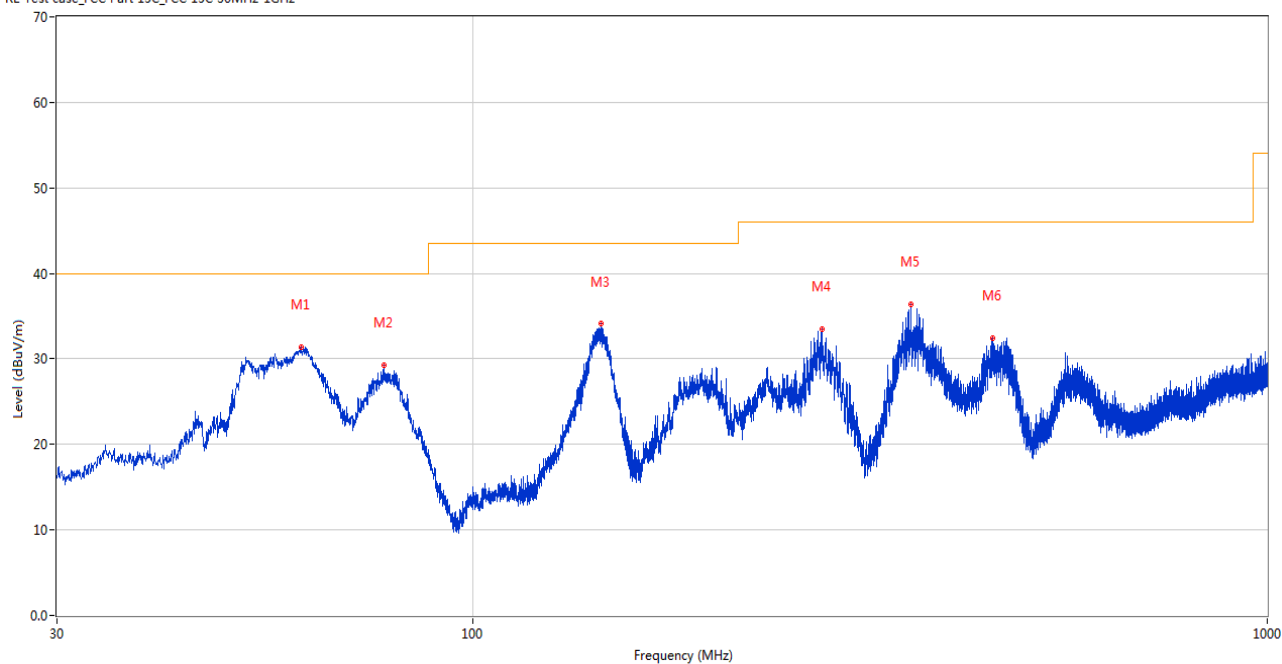
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.380	17.55	-26.42	40.0	22.45	Peak	203.00	100	Horizontal	Pass
2	148.000	29.25	-29.88	43.5	14.25	Peak	135.90	100	Horizontal	Pass
3	191.893	30.72	-26.36	43.5	12.78	Peak	88.00	100	Horizontal	Pass
4	273.199	40.22	-23.80	46.0	5.78	Peak	252.70	138	Horizontal	N/A
4*	273.199	35.45	-23.80	46.0	10.55	QP	252.70	138	Horizontal	Pass
5	365.557	44.59	-21.70	46.0	1.41	Peak	101.50	100	Horizontal	N/A
5*	365.557	40.07	-21.70	46.0	5.93	QP	101.50	100	Horizontal	Pass
6	398.454	33.35	-20.38	46.0	12.65	Peak	101.50	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	60.797	31.39	-26.31	40.0	8.61	Peak	105.20	100	Vertical	Pass
2	77.287	29.27	-31.19	40.0	10.73	Peak	219.60	100	Vertical	Pass
3	144.994	34.08	-29.89	43.5	9.42	Peak	185.10	100	Vertical	Pass
4	275.216	33.50	-23.87	46.0	12.50	Peak	275.90	100	Vertical	Pass
5	355.920	36.40	-21.22	46.0	9.60	Peak	137.20	100	Vertical	Pass
6	451.950	32.48	-19.36	46.0	13.52	Peak	305.70	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.186	38.71	74.0	35.29	Peak	347.00	400	Horizontal	Pass
1**	1513.186	31.31	54.0	22.69	AV	347.00	400	Horizontal	Pass
2	2351.816	46.30	74.0	27.70	Peak	6.00	200	Horizontal	Pass
2**	2351.816	40.11	54.0	13.89	AV	6.00	200	Horizontal	Pass
3	4205.095	48.56	74.0	25.44	Peak	19.00	200	Horizontal	Pass
3**	4205.095	39.14	54.0	14.86	AV	19.00	200	Horizontal	Pass
4	7435.075	53.89	74.0	20.11	Peak	260.00	200	Horizontal	Pass
4**	7435.075	43.56	54.0	10.44	AV	260.00	200	Horizontal	Pass
5	12518.732	55.75	74.0	18.25	Peak	83.00	200	Horizontal	Pass
5**	12518.732	49.15	54.0	4.85	AV	83.00	200	Horizontal	Pass
6	16147.149	52.22	74.0	21.78	Peak	17.00	100	Horizontal	Pass
6**	16147.149	46.22	54.0	7.78	AV	17.00	100	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	1568.824	38.65	74.0	35.35	Peak	283.00	200	Vertical	Pass
1**	1568.824	26.68	54.0	27.32	AV	283.00	200	Vertical	Pass
2	2347.079	45.47	74.0	28.53	Peak	84.00	100	Vertical	Pass
2**	2347.079	32.70	54.0	21.30	AV	84.00	100	Vertical	Pass
3	3918.875	45.26	74.0	28.74	Peak	145.00	200	Vertical	Pass
3**	3918.875	36.49	54.0	17.51	AV	145.00	200	Vertical	Pass
4	7683.087	52.77	74.0	21.23	Peak	69.00	200	Vertical	Pass
4**	7683.087	42.30	54.0	11.70	AV	69.00	200	Vertical	Pass
5	12531.746	57.06	74.0	16.94	Peak	298.00	300	Vertical	Pass
5**	12531.746	43.41	54.0	10.59	AV	298.00	300	Vertical	Pass
6	15379.635	54.52	74.0	19.48	Peak	70.00	400	Vertical	Pass
6**	15379.635	44.95	54.0	9.05	AV	70.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.265	38.82	74.0	35.18	Peak	68.00	300	Horizontal	Pass
1**	1513.265	30.67	54.0	23.33	AV	68.00	300	Horizontal	Pass
2	2351.426	45.52	74.0	28.48	Peak	32.00	200	Horizontal	Pass
2**	2351.426	39.05	54.0	14.95	AV	32.00	200	Horizontal	Pass
3	4201.968	45.79	74.0	28.21	Peak	269.00	200	Horizontal	Pass
3**	4201.968	37.41	54.0	16.59	AV	269.00	200	Horizontal	Pass
4	7432.854	52.42	74.0	21.58	Peak	294.00	100	Horizontal	Pass
4**	7432.854	40.71	54.0	13.29	AV	294.00	100	Horizontal	Pass
5	12520.223	56.79	74.0	17.21	Peak	313.00	100	Horizontal	Pass
5**	12520.223	44.25	54.0	9.75	AV	313.00	100	Horizontal	Pass
6	16150.388	56.46	74.0	17.54	Peak	13.00	300	Horizontal	Pass
6**	16150.388	43.80	54.0	10.20	AV	13.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.173	34.03	74.0	39.97	Peak	150.00	100	Vertical	Pass
1**	1572.173	27.75	54.0	26.25	AV	150.00	100	Vertical	Pass
2	2347.221	46.30	74.0	27.70	Peak	240.00	400	Vertical	Pass
2**	2347.221	31.03	54.0	22.97	AV	240.00	400	Vertical	Pass
3	3915.081	45.85	74.0	28.15	Peak	202.00	200	Vertical	Pass
3**	3915.081	35.80	54.0	18.20	AV	202.00	200	Vertical	Pass
4	7677.257	52.49	74.0	21.51	Peak	263.00	100	Vertical	Pass
4**	7677.257	43.61	54.0	10.39	AV	263.00	100	Vertical	Pass
5	12533.341	53.60	74.0	20.40	Peak	68.00	300	Vertical	Pass
5**	12533.341	45.75	54.0	8.25	AV	68.00	300	Vertical	Pass
6	15381.017	55.14	74.0	18.86	Peak	18.00	400	Vertical	Pass
6**	15381.017	42.66	54.0	11.34	AV	18.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.403	40.13	74.0	33.87	Peak	38.00	200	Horizontal	Pass
1**	1508.403	31.76	54.0	22.24	AV	38.00	200	Horizontal	Pass
2	2349.812	42.58	74.0	31.42	Peak	204.00	400	Horizontal	Pass
2**	2349.812	37.12	54.0	16.88	AV	204.00	400	Horizontal	Pass
3	4207.029	45.01	74.0	28.99	Peak	173.00	200	Horizontal	Pass
3**	4207.029	35.71	54.0	18.29	AV	173.00	200	Horizontal	Pass
4	7433.761	52.55	74.0	21.45	Peak	163.00	400	Horizontal	Pass
4**	7433.761	43.81	54.0	10.19	AV	163.00	400	Horizontal	Pass
5	12521.033	54.14	74.0	19.86	Peak	167.00	100	Horizontal	Pass
5**	12521.033	44.30	54.0	9.70	AV	167.00	100	Horizontal	Pass
6	16147.042	57.30	74.0	16.70	Peak	339.00	100	Horizontal	Pass
6**	16147.042	44.06	54.0	9.94	AV	339.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.487	34.67	74.0	39.33	Peak	60.00	100	Vertical	Pass
1**	1569.487	23.89	54.0	30.11	AV	60.00	100	Vertical	Pass
2	2346.892	42.85	74.0	31.15	Peak	29.00	300	Vertical	Pass
2**	2346.892	34.89	54.0	19.11	AV	29.00	300	Vertical	Pass
3	3919.743	46.85	74.0	27.15	Peak	155.00	200	Vertical	Pass
3**	3919.743	33.39	54.0	20.61	AV	155.00	200	Vertical	Pass
4	7682.948	49.12	74.0	24.88	Peak	293.00	300	Vertical	Pass
4**	7682.948	42.86	54.0	11.14	AV	293.00	300	Vertical	Pass
5	12531.212	53.12	74.0	20.88	Peak	307.00	100	Vertical	Pass
5**	12531.212	45.63	54.0	8.37	AV	307.00	100	Vertical	Pass
6	15381.052	54.62	74.0	19.38	Peak	236.00	400	Vertical	Pass
6**	15381.052	46.68	54.0	7.32	AV	236.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.066	39.27	74.0	34.73	Peak	257.00	200	Horizontal	Pass
1**	1509.066	32.24	54.0	21.76	AV	257.00	200	Horizontal	Pass
2	2352.177	45.93	74.0	28.07	Peak	246.00	400	Horizontal	Pass
2**	2352.177	38.29	54.0	15.71	AV	246.00	400	Horizontal	Pass
3	4203.079	45.76	74.0	28.24	Peak	144.00	200	Horizontal	Pass
3**	4203.079	35.74	54.0	18.26	AV	144.00	200	Horizontal	Pass
4	7433.483	53.54	74.0	20.46	Peak	67.00	200	Horizontal	Pass
4**	7433.483	43.47	54.0	10.53	AV	67.00	200	Horizontal	Pass
5	12518.187	52.77	74.0	21.23	Peak	172.00	300	Horizontal	Pass
5**	12518.187	48.72	54.0	5.28	AV	172.00	300	Horizontal	Pass
6	16147.892	57.00	74.0	17.00	Peak	259.00	200	Horizontal	Pass
6**	16147.892	42.28	54.0	11.72	AV	259.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.355	35.51	74.0	38.49	Peak	220.00	400	Vertical	Pass
1**	1568.355	28.67	54.0	25.33	AV	220.00	400	Vertical	Pass
2	2350.109	45.60	74.0	28.40	Peak	303.00	300	Vertical	Pass
2**	2350.109	33.10	54.0	20.90	AV	303.00	300	Vertical	Pass
3	3913.491	43.68	74.0	30.32	Peak	85.00	200	Vertical	Pass
3**	3913.491	39.05	54.0	14.95	AV	85.00	200	Vertical	Pass
4	7681.286	53.41	74.0	20.59	Peak	360.00	400	Vertical	Pass
4**	7681.286	45.72	54.0	8.28	AV	360.00	400	Vertical	Pass
5	12531.825	54.07	74.0	19.93	Peak	2.00	300	Vertical	Pass
5**	12531.825	41.50	54.0	12.50	AV	2.00	300	Vertical	Pass
6	15378.746	52.14	74.0	21.86	Peak	168.00	100	Vertical	Pass
6**	15378.746	44.08	54.0	9.92	AV	168.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.471	41.37	74.0	32.63	Peak	269.00	200	Horizontal	Pass
1**	1512.471	29.94	54.0	24.06	AV	269.00	200	Horizontal	Pass
2	2344.681	47.08	74.0	26.92	Peak	261.00	400	Horizontal	Pass
2**	2344.681	39.67	54.0	14.33	AV	261.00	400	Horizontal	Pass
3	4204.877	48.51	74.0	25.49	Peak	102.00	200	Horizontal	Pass
3**	4204.877	37.30	54.0	16.70	AV	102.00	200	Horizontal	Pass
4	7435.493	53.30	74.0	20.70	Peak	347.00	200	Horizontal	Pass
4**	7435.493	45.34	54.0	8.66	AV	347.00	200	Horizontal	Pass
5	12520.457	57.03	74.0	16.97	Peak	116.00	300	Horizontal	Pass
5**	12520.457	44.96	54.0	9.04	AV	116.00	300	Horizontal	Pass
6	16144.502	54.70	74.0	19.30	Peak	322.00	300	Horizontal	Pass
6**	16144.502	44.01	54.0	9.99	AV	322.00	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	1572.237	33.79	74.0	40.21	Peak	261.00	100	Vertical	Pass
1**	1572.237	28.21	54.0	25.79	AV	261.00	100	Vertical	Pass
2	2344.434	47.69	74.0	26.31	Peak	134.00	300	Vertical	Pass
2**	2344.434	34.97	54.0	19.03	AV	134.00	300	Vertical	Pass
3	3917.502	44.09	74.0	29.91	Peak	6.00	200	Vertical	Pass
3**	3917.502	33.86	54.0	20.14	AV	6.00	200	Vertical	Pass
4	7678.501	53.28	74.0	20.72	Peak	356.00	300	Vertical	Pass
4**	7678.501	42.80	54.0	11.20	AV	356.00	300	Vertical	Pass
5	12528.120	56.27	74.0	17.73	Peak	167.00	100	Vertical	Pass
5**	12528.120	41.89	54.0	12.11	AV	167.00	100	Vertical	Pass
6	15381.807	54.36	74.0	19.64	Peak	233.00	300	Vertical	Pass
6**	15381.807	42.43	54.0	11.57	AV	233.00	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	1513.936	36.84	74.0	37.16	Peak	69.00	400	Horizontal	Pass
1**	1513.936	30.68	54.0	23.32	AV	69.00	400	Horizontal	Pass
2	2345.675	44.48	74.0	29.52	Peak	105.00	400	Horizontal	Pass
2**	2345.675	40.00	54.0	14.00	AV	105.00	400	Horizontal	Pass
3	4202.530	47.03	74.0	26.97	Peak	120.00	200	Horizontal	Pass
3**	4202.530	39.58	54.0	14.42	AV	120.00	200	Horizontal	Pass
4	7434.507	54.31	74.0	19.69	Peak	299.00	200	Horizontal	Pass
4**	7434.507	42.95	54.0	11.05	AV	299.00	200	Horizontal	Pass
5	12515.058	55.40	74.0	18.60	Peak	266.00	200	Horizontal	Pass
5**	12515.058	45.49	54.0	8.51	AV	266.00	200	Horizontal	Pass
6	16143.461	56.32	74.0	17.68	Peak	246.00	300	Horizontal	Pass
6**	16143.461	41.81	54.0	12.19	AV	246.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.354	36.67	74.0	37.33	Peak	37.00	100	Vertical	Pass
1**	1573.354	28.52	54.0	25.48	AV	37.00	100	Vertical	Pass
2	2343.719	42.83	74.0	31.17	Peak	46.00	100	Vertical	Pass
2**	2343.719	32.95	54.0	21.05	AV	46.00	100	Vertical	Pass
3	3919.027	43.63	74.0	30.37	Peak	135.00	200	Vertical	Pass
3**	3919.027	33.50	54.0	20.50	AV	135.00	200	Vertical	Pass
4	7683.208	54.34	74.0	19.66	Peak	243.00	200	Vertical	Pass
4**	7683.208	43.14	54.0	10.86	AV	243.00	200	Vertical	Pass
5	12532.763	57.51	74.0	16.49	Peak	315.00	300	Vertical	Pass
5**	12532.763	40.95	54.0	13.05	AV	315.00	300	Vertical	Pass
6	15379.506	51.93	74.0	22.07	Peak	268.00	400	Vertical	Pass
6**	15379.506	44.74	54.0	9.26	AV	268.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.068	40.30	74.0	33.70	Peak	147.00	100	Horizontal	Pass
1**	1515.068	27.00	54.0	27.00	AV	147.00	100	Horizontal	Pass
2	2349.761	45.37	74.0	28.63	Peak	89.00	200	Horizontal	Pass
2**	2349.761	37.99	54.0	16.01	AV	89.00	200	Horizontal	Pass
3	4208.702	46.13	74.0	27.87	Peak	224.00	200	Horizontal	Pass
3**	4208.702	39.84	54.0	14.16	AV	224.00	200	Horizontal	Pass
4	7432.058	53.64	74.0	20.36	Peak	56.00	300	Horizontal	Pass
4**	7432.058	42.11	54.0	11.89	AV	56.00	300	Horizontal	Pass
5	12519.351	53.68	74.0	20.32	Peak	286.00	200	Horizontal	Pass
5**	12519.351	47.01	54.0	6.99	AV	286.00	200	Horizontal	Pass
6	16147.502	57.09	74.0	16.91	Peak	205.00	200	Horizontal	Pass
6**	16147.502	42.39	54.0	11.61	AV	205.00	200	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	1572.723	34.28	74.0	39.72	Peak	165.00	300	Vertical	Pass
1**	1572.723	25.75	54.0	28.25	AV	165.00	300	Vertical	Pass
2	2345.127	43.37	74.0	30.63	Peak	310.00	300	Vertical	Pass
2**	2345.127	33.82	54.0	20.18	AV	310.00	300	Vertical	Pass
3	3913.627	45.82	74.0	28.18	Peak	272.00	200	Vertical	Pass
3**	3913.627	38.01	54.0	15.99	AV	272.00	200	Vertical	Pass
4	7681.913	52.66	74.0	21.34	Peak	186.00	200	Vertical	Pass
4**	7681.913	46.40	54.0	7.60	AV	186.00	200	Vertical	Pass
5	12526.382	53.26	74.0	20.74	Peak	326.00	100	Vertical	Pass
5**	12526.382	41.68	54.0	12.32	AV	326.00	100	Vertical	Pass
6	15383.169	55.04	74.0	18.96	Peak	184.00	100	Vertical	Pass
6**	15383.169	43.40	54.0	10.60	AV	184.00	100	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	1508.990	42.60	74.0	31.40	Peak	80.00	400	Horizontal	Pass
1**	1508.990	28.53	54.0	25.47	AV	80.00	400	Horizontal	Pass
2	2350.290	44.15	74.0	29.85	Peak	229.00	100	Horizontal	Pass
2**	2350.290	39.66	54.0	14.34	AV	229.00	100	Horizontal	Pass
3	4206.903	48.21	74.0	25.79	Peak	103.00	200	Horizontal	Pass
3**	4206.903	40.76	54.0	13.24	AV	103.00	200	Horizontal	Pass
4	7436.437	55.78	74.0	18.22	Peak	12.00	100	Horizontal	Pass
4**	7436.437	42.05	54.0	11.95	AV	12.00	100	Horizontal	Pass
5	12521.603	57.36	74.0	16.64	Peak	322.00	200	Horizontal	Pass
5**	12521.603	49.90	54.0	4.10	AV	322.00	200	Horizontal	Pass
6	16144.593	53.81	74.0	20.19	Peak	232.00	300	Horizontal	Pass
6**	16144.593	46.36	54.0	7.64	AV	232.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.620	34.65	74.0	39.35	Peak	330.00	300	Vertical	Pass
1**	1568.620	27.10	54.0	26.90	AV	330.00	300	Vertical	Pass
2	2345.596	44.26	74.0	29.74	Peak	155.00	200	Vertical	Pass
2**	2345.596	35.71	54.0	18.29	AV	155.00	200	Vertical	Pass
3	3917.900	46.91	74.0	27.09	Peak	172.00	200	Vertical	Pass
3**	3917.900	38.77	54.0	15.23	AV	172.00	200	Vertical	Pass
4	7676.933	50.82	74.0	23.18	Peak	43.00	300	Vertical	Pass
4**	7676.933	41.18	54.0	12.82	AV	43.00	300	Vertical	Pass
5	12527.713	58.44	74.0	15.56	Peak	19.00	200	Vertical	Pass
5**	12527.713	41.90	54.0	12.10	AV	19.00	200	Vertical	Pass
6	15385.825	51.35	74.0	22.65	Peak	25.00	400	Vertical	Pass
6**	15385.825	44.25	54.0	9.75	AV	25.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.173	40.94	74.0	33.06	Peak	211.00	200	Horizontal	Pass
1**	1512.173	30.50	54.0	23.50	AV	211.00	200	Horizontal	Pass
2	2349.669	42.57	74.0	31.43	Peak	26.00	300	Horizontal	Pass
2**	2349.669	36.39	54.0	17.61	AV	26.00	300	Horizontal	Pass
3	4203.374	47.97	74.0	26.03	Peak	77.00	200	Horizontal	Pass
3**	4203.374	37.15	54.0	16.85	AV	77.00	200	Horizontal	Pass
4	7433.761	52.30	74.0	21.70	Peak	65.00	300	Horizontal	Pass
4**	7433.761	45.46	54.0	8.54	AV	65.00	300	Horizontal	Pass
5	12521.396	57.30	74.0	16.70	Peak	114.00	400	Horizontal	Pass
5**	12521.396	47.37	54.0	6.63	AV	114.00	400	Horizontal	Pass
6	16144.332	56.73	74.0	17.27	Peak	209.00	400	Horizontal	Pass
6**	16144.332	44.13	54.0	9.87	AV	209.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.422	35.97	74.0	38.03	Peak	139.00	200	Vertical	Pass
1**	1571.422	29.30	54.0	24.70	AV	139.00	200	Vertical	Pass
2	2349.822	43.36	74.0	30.64	Peak	117.00	100	Vertical	Pass
2**	2349.822	34.51	54.0	19.49	AV	117.00	100	Vertical	Pass
3	3914.416	44.16	74.0	29.84	Peak	358.00	200	Vertical	Pass
3**	3914.416	38.60	54.0	15.40	AV	358.00	200	Vertical	Pass
4	7683.299	52.97	74.0	21.03	Peak	177.00	400	Vertical	Pass
4**	7683.299	42.28	54.0	11.72	AV	177.00	400	Vertical	Pass
5	12532.112	52.80	74.0	21.20	Peak	155.00	200	Vertical	Pass
5**	12532.112	40.67	54.0	13.33	AV	155.00	200	Vertical	Pass
6	15378.809	52.76	74.0	21.24	Peak	155.00	100	Vertical	Pass
6**	15378.809	46.65	54.0	7.35	AV	155.00	100	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	1514.400	37.60	74.0	36.40	Peak	358.00	300	Horizontal	Pass
1**	1514.400	29.91	54.0	24.09	AV	358.00	300	Horizontal	Pass
2	2345.576	45.98	74.0	28.02	Peak	29.00	100	Horizontal	Pass
2**	2345.576	34.58	54.0	19.42	AV	29.00	100	Horizontal	Pass
3	4203.229	46.12	74.0	27.88	Peak	5.00	200	Horizontal	Pass
3**	4203.229	39.79	54.0	14.21	AV	5.00	200	Horizontal	Pass
4	7433.229	54.64	74.0	19.36	Peak	190.00	400	Horizontal	Pass
4**	7433.229	45.59	54.0	8.41	AV	190.00	400	Horizontal	Pass
5	12517.974	53.56	74.0	20.44	Peak	136.00	100	Horizontal	Pass
5**	12517.974	44.57	54.0	9.43	AV	136.00	100	Horizontal	Pass
6	16145.046	53.04	74.0	20.96	Peak	19.00	100	Horizontal	Pass
6**	16145.046	46.49	54.0	7.51	AV	19.00	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	1574.278	38.31	74.0	35.69	Peak	143.00	100	Vertical	Pass
1**	1574.278	29.16	54.0	24.84	AV	143.00	100	Vertical	Pass
2	2348.498	42.93	74.0	31.07	Peak	281.00	300	Vertical	Pass
2**	2348.498	30.84	54.0	23.16	AV	281.00	300	Vertical	Pass
3	3916.238	44.88	74.0	29.12	Peak	146.00	200	Vertical	Pass
3**	3916.238	33.41	54.0	20.59	AV	146.00	200	Vertical	Pass
4	7678.408	54.22	74.0	19.78	Peak	333.00	200	Vertical	Pass
4**	7678.408	46.09	54.0	7.91	AV	333.00	200	Vertical	Pass
5	12532.260	57.89	74.0	16.11	Peak	82.00	200	Vertical	Pass
5**	12532.260	40.40	54.0	13.60	AV	82.00	200	Vertical	Pass
6	15383.163	54.69	74.0	19.31	Peak	103.00	100	Vertical	Pass
6**	15383.163	43.97	54.0	10.03	AV	103.00	100	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	1511.818	40.88	74.0	33.12	Peak	257.00	100	Horizontal	Pass
1**	1511.818	30.11	54.0	23.89	AV	257.00	100	Horizontal	Pass
2	2345.189	44.14	74.0	29.86	Peak	68.00	400	Horizontal	Pass
2**	2345.189	36.73	54.0	17.27	AV	68.00	400	Horizontal	Pass
3	4206.000	49.88	74.0	24.12	Peak	179.00	200	Horizontal	Pass
3**	4206.000	36.11	54.0	17.89	AV	179.00	200	Horizontal	Pass
4	7436.526	52.29	74.0	21.71	Peak	251.00	400	Horizontal	Pass
4**	7436.526	40.44	54.0	13.56	AV	251.00	400	Horizontal	Pass
5	12520.813	56.96	74.0	17.04	Peak	274.00	300	Horizontal	Pass
5**	12520.813	49.46	54.0	4.54	AV	274.00	300	Horizontal	Pass
6	16143.842	54.27	74.0	19.73	Peak	101.00	100	Horizontal	Pass
6**	16143.842	46.51	54.0	7.49	AV	101.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.512	36.82	74.0	37.18	Peak	167.00	300	Vertical	Pass
1**	1573.512	28.71	54.0	25.29	AV	167.00	300	Vertical	Pass
2	2344.932	47.60	74.0	26.40	Peak	217.00	100	Vertical	Pass
2**	2344.932	31.64	54.0	22.36	AV	217.00	100	Vertical	Pass
3	3918.047	46.67	74.0	27.33	Peak	108.00	200	Vertical	Pass
3**	3918.047	38.36	54.0	15.64	AV	108.00	200	Vertical	Pass
4	7678.501	49.12	74.0	24.88	Peak	89.00	300	Vertical	Pass
4**	7678.501	44.80	54.0	9.20	AV	89.00	300	Vertical	Pass
5	12527.954	53.41	74.0	20.59	Peak	163.00	200	Vertical	Pass
5**	12527.954	41.98	54.0	12.02	AV	163.00	200	Vertical	Pass
6	15385.793	51.24	74.0	22.76	Peak	1.00	200	Vertical	Pass
6**	15385.793	44.34	54.0	9.66	AV	1.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.679	42.11	74.0	31.89	Peak	152.00	400	Horizontal	Pass
1**	1512.679	31.32	54.0	22.68	AV	152.00	400	Horizontal	Pass
2	2351.404	47.22	74.0	26.78	Peak	272.00	400	Horizontal	Pass
2**	2351.404	35.10	54.0	18.90	AV	272.00	400	Horizontal	Pass
3	4208.025	49.13	74.0	24.87	Peak	226.00	200	Horizontal	Pass
3**	4208.025	38.36	54.0	15.64	AV	226.00	200	Horizontal	Pass
4	7432.870	56.10	74.0	17.90	Peak	181.00	100	Horizontal	Pass
4**	7432.870	45.42	54.0	8.58	AV	181.00	100	Horizontal	Pass
5	12516.525	55.45	74.0	18.55	Peak	163.00	300	Horizontal	Pass
5**	12516.525	47.38	54.0	6.62	AV	163.00	300	Horizontal	Pass
6	16147.300	57.42	74.0	16.58	Peak	48.00	200	Horizontal	Pass
6**	16147.300	41.46	54.0	12.54	AV	48.00	200	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	1570.252	34.94	74.0	39.06	Peak	332.00	300	Vertical	Pass
1**	1570.252	25.72	54.0	28.28	AV	332.00	300	Vertical	Pass
2	2343.719	44.43	74.0	29.57	Peak	296.00	200	Vertical	Pass
2**	2343.719	32.97	54.0	21.03	AV	296.00	200	Vertical	Pass
3	3919.779	43.12	74.0	30.88	Peak	76.00	200	Vertical	Pass
3**	3919.779	35.36	54.0	18.64	AV	76.00	200	Vertical	Pass
4	7680.587	51.10	74.0	22.90	Peak	314.00	400	Vertical	Pass
4**	7680.587	45.39	54.0	8.61	AV	314.00	400	Vertical	Pass
5	12531.953	53.29	74.0	20.71	Peak	354.00	200	Vertical	Pass
5**	12531.953	41.23	54.0	12.77	AV	354.00	200	Vertical	Pass
6	15386.202	51.45	74.0	22.55	Peak	306.00	200	Vertical	Pass
6**	15386.202	41.65	54.0	12.35	AV	306.00	200	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	1511.531	39.15	74.0	34.85	Peak	236.00	200	Horizontal	Pass
1**	1511.531	28.18	54.0	25.82	AV	236.00	200	Horizontal	Pass
2	2346.431	44.58	74.0	29.42	Peak	58.00	200	Horizontal	Pass
2**	2346.431	35.52	54.0	18.48	AV	58.00	200	Horizontal	Pass
3	4203.037	47.75	74.0	26.25	Peak	119.00	200	Horizontal	Pass
3**	4203.037	40.17	54.0	13.83	AV	119.00	200	Horizontal	Pass
4	7431.516	52.08	74.0	21.92	Peak	216.00	200	Horizontal	Pass
4**	7431.516	43.88	54.0	10.12	AV	216.00	200	Horizontal	Pass
5	12517.452	53.42	74.0	20.58	Peak	144.00	300	Horizontal	Pass
5**	12517.452	49.13	54.0	4.87	AV	144.00	300	Horizontal	Pass
6	16146.378	52.08	74.0	21.92	Peak	76.00	200	Horizontal	Pass
6**	16146.378	43.64	54.0	10.36	AV	76.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.412	39.25	74.0	34.75	Peak	26.00	100	Vertical	Pass
1**	1567.412	24.56	54.0	29.44	AV	26.00	100	Vertical	Pass
2	2350.591	45.31	74.0	28.69	Peak	5.00	400	Vertical	Pass
2**	2350.591	30.78	54.0	23.22	AV	5.00	400	Vertical	Pass
3	3920.655	42.70	74.0	31.30	Peak	117.00	200	Vertical	Pass
3**	3920.655	35.89	54.0	18.11	AV	117.00	200	Vertical	Pass
4	7680.835	50.61	74.0	23.39	Peak	3.00	200	Vertical	Pass
4**	7680.835	46.73	54.0	7.27	AV	3.00	200	Vertical	Pass
5	12527.019	56.08	74.0	17.92	Peak	278.00	100	Vertical	Pass
5**	12527.019	41.01	54.0	12.99	AV	278.00	100	Vertical	Pass
6	15379.308	53.68	74.0	20.32	Peak	13.00	200	Vertical	Pass
6**	15379.308	43.96	54.0	10.04	AV	13.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.786	37.24	74.0	36.76	Peak	122.00	300	Horizontal	Pass
1**	1510.786	30.44	54.0	23.56	AV	122.00	300	Horizontal	Pass
2	2346.026	43.11	74.0	30.89	Peak	322.00	200	Horizontal	Pass
2**	2346.026	38.68	54.0	15.32	AV	322.00	200	Horizontal	Pass
3	4204.928	45.11	74.0	28.89	Peak	241.00	200	Horizontal	Pass
3**	4204.928	39.65	54.0	14.35	AV	241.00	200	Horizontal	Pass
4	7431.455	53.99	74.0	20.01	Peak	261.00	200	Horizontal	Pass
4**	7431.455	41.93	54.0	12.07	AV	261.00	200	Horizontal	Pass
5	12518.983	53.20	74.0	20.80	Peak	220.00	300	Horizontal	Pass
5**	12518.983	48.23	54.0	5.77	AV	220.00	300	Horizontal	Pass
6	16147.489	55.95	74.0	18.05	Peak	113.00	200	Horizontal	Pass
6**	16147.489	44.37	54.0	9.63	AV	113.00	200	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	1569.736	38.28	74.0	35.72	Peak	342.00	300	Vertical	Pass
1**	1569.736	25.76	54.0	28.24	AV	342.00	300	Vertical	Pass
2	2344.690	45.84	74.0	28.16	Peak	102.00	100	Vertical	Pass
2**	2344.690	31.19	54.0	22.81	AV	102.00	100	Vertical	Pass
3	3919.715	45.57	74.0	28.43	Peak	289.00	200	Vertical	Pass
3**	3919.715	35.20	54.0	18.80	AV	289.00	200	Vertical	Pass
4	7682.549	53.69	74.0	20.31	Peak	113.00	200	Vertical	Pass
4**	7682.549	44.64	54.0	9.36	AV	113.00	200	Vertical	Pass
5	12531.337	55.05	74.0	18.95	Peak	207.00	200	Vertical	Pass
5**	12531.337	45.35	54.0	8.65	AV	207.00	200	Vertical	Pass
6	15378.784	51.97	74.0	22.03	Peak	289.00	400	Vertical	Pass
6**	15378.784	43.88	54.0	10.12	AV	289.00	400	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	1525.997	36.98	74.0	37.02	Peak	144.00	300	Horizontal	Pass
1**	1525.997	31.39	54.0	22.61	AV	144.00	300	Horizontal	Pass
2	2273.090	43.40	74.0	30.60	Peak	203.00	200	Horizontal	Pass
2**	2273.090	35.96	54.0	18.04	AV	203.00	200	Horizontal	Pass
3	4048.438	48.17	74.0	25.83	Peak	139.00	200	Horizontal	Pass
3**	4048.438	34.40	54.0	19.60	AV	139.00	200	Horizontal	Pass
4	7621.637	50.40	74.0	23.60	Peak	248.00	100	Horizontal	Pass
4**	7621.637	43.42	54.0	10.58	AV	248.00	100	Horizontal	Pass
5	12452.657	51.14	74.0	22.86	Peak	128.00	400	Horizontal	Pass
5**	12452.657	43.62	54.0	10.38	AV	128.00	400	Horizontal	Pass
6	15901.467	54.17	74.0	19.83	Peak	276.00	100	Horizontal	Pass
6**	15901.467	47.51	54.0	6.49	AV	276.00	100	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	1530.130	36.82	74.0	37.18	Peak	242.00	300	Vertical	Pass
1**	1530.130	30.19	54.0	23.81	AV	242.00	300	Vertical	Pass
2	2337.362	47.11	74.0	26.89	Peak	203.00	200	Vertical	Pass
2**	2337.362	33.82	54.0	20.18	AV	203.00	200	Vertical	Pass
3	4901.921	48.47	74.0	25.53	Peak	158.00	200	Vertical	Pass
3**	4901.921	41.13	54.0	12.87	AV	158.00	200	Vertical	Pass
4	7327.155	53.15	74.0	20.85	Peak	89.00	100	Vertical	Pass
4**	7327.155	40.86	54.0	13.14	AV	89.00	100	Vertical	Pass
5	12485.283	51.98	74.0	22.02	Peak	52.00	100	Vertical	Pass
5**	12485.283	41.48	54.0	12.52	AV	52.00	100	Vertical	Pass
6	15693.174	56.29	74.0	17.71	Peak	312.00	200	Vertical	Pass
6**	15693.174	42.94	54.0	11.06	AV	312.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.050	41.52	74.0	32.48	Peak	100.00	400	Horizontal	Pass
1**	1522.050	28.23	54.0	25.77	AV	100.00	400	Horizontal	Pass
2	2278.596	42.18	74.0	31.82	Peak	23.00	400	Horizontal	Pass
2**	2278.596	31.51	54.0	22.49	AV	23.00	400	Horizontal	Pass
3	4050.196	48.31	74.0	25.69	Peak	66.00	200	Horizontal	Pass
3**	4050.196	35.74	54.0	18.26	AV	66.00	200	Horizontal	Pass
4	7623.083	54.40	74.0	19.60	Peak	224.00	100	Horizontal	Pass
4**	7623.083	41.06	54.0	12.94	AV	224.00	100	Horizontal	Pass
5	12456.823	51.66	74.0	22.34	Peak	194.00	100	Horizontal	Pass
5**	12456.823	43.23	54.0	10.77	AV	194.00	100	Horizontal	Pass
6	15906.342	56.40	74.0	17.60	Peak	37.00	100	Horizontal	Pass
6**	15906.342	41.93	54.0	12.07	AV	37.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.582	39.27	74.0	34.73	Peak	150.00	300	Vertical	Pass
1**	1531.582	27.96	54.0	26.04	AV	150.00	300	Vertical	Pass
2	2333.155	44.63	74.0	29.37	Peak	16.00	300	Vertical	Pass
2**	2333.155	35.09	54.0	18.91	AV	16.00	300	Vertical	Pass
3	4901.010	51.44	74.0	22.56	Peak	137.00	200	Vertical	Pass
3**	4901.010	40.10	54.0	13.90	AV	137.00	200	Vertical	Pass
4	7326.750	54.24	74.0	19.76	Peak	261.00	100	Vertical	Pass
4**	7326.750	42.89	54.0	11.11	AV	261.00	100	Vertical	Pass
5	12489.348	53.80	74.0	20.20	Peak	235.00	100	Vertical	Pass
5**	12489.348	46.57	54.0	7.43	AV	235.00	100	Vertical	Pass
6	15687.931	56.48	74.0	17.52	Peak	210.00	200	Vertical	Pass
6**	15687.931	44.11	54.0	9.89	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.815	40.31	74.0	33.69	Peak	65.00	300	Horizontal	Pass
1**	1523.815	25.63	54.0	28.37	AV	65.00	300	Horizontal	Pass
2	2272.728	41.38	74.0	32.62	Peak	249.00	300	Horizontal	Pass
2**	2272.728	32.53	54.0	21.47	AV	249.00	300	Horizontal	Pass
3	4042.679	44.58	74.0	29.42	Peak	158.00	200	Horizontal	Pass
3**	4042.679	36.76	54.0	17.24	AV	158.00	200	Horizontal	Pass
4	7620.165	52.76	74.0	21.24	Peak	126.00	200	Horizontal	Pass
4**	7620.165	45.70	54.0	8.30	AV	126.00	200	Horizontal	Pass
5	12456.483	55.72	74.0	18.28	Peak	30.00	200	Horizontal	Pass
5**	12456.483	43.52	54.0	10.48	AV	30.00	200	Horizontal	Pass
6	15906.893	51.71	74.0	22.29	Peak	53.00	100	Horizontal	Pass
6**	15906.893	45.80	54.0	8.20	AV	53.00	100	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	1533.651	35.88	74.0	38.12	Peak	325.00	400	Vertical	Pass
1**	1533.651	27.80	54.0	26.20	AV	325.00	400	Vertical	Pass
2	2332.980	42.20	74.0	31.80	Peak	152.00	100	Vertical	Pass
2**	2332.980	35.34	54.0	18.66	AV	152.00	100	Vertical	Pass
3	4896.947	46.98	74.0	27.02	Peak	245.00	200	Vertical	Pass
3**	4896.947	40.08	54.0	13.92	AV	245.00	200	Vertical	Pass
4	7330.203	53.47	74.0	20.53	Peak	120.00	200	Vertical	Pass
4**	7330.203	41.89	54.0	12.11	AV	120.00	200	Vertical	Pass
5	12488.995	51.77	74.0	22.23	Peak	25.00	400	Vertical	Pass
5**	12488.995	41.46	54.0	12.54	AV	25.00	400	Vertical	Pass
6	15692.808	53.62	74.0	20.38	Peak	26.00	300	Vertical	Pass
6**	15692.808	43.82	54.0	10.18	AV	26.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.311	38.34	74.0	35.66	Peak	83.00	200	Horizontal	Pass
1**	1524.311	31.10	54.0	22.90	AV	83.00	200	Horizontal	Pass
2	2277.414	42.38	74.0	31.62	Peak	283.00	200	Horizontal	Pass
2**	2277.414	32.48	54.0	21.52	AV	283.00	200	Horizontal	Pass
3	4047.052	49.67	74.0	24.33	Peak	96.00	200	Horizontal	Pass
3**	4047.052	34.47	54.0	19.53	AV	96.00	200	Horizontal	Pass
4	7624.423	54.12	74.0	19.88	Peak	232.00	200	Horizontal	Pass
4**	7624.423	45.08	54.0	8.92	AV	232.00	200	Horizontal	Pass
5	12458.295	50.40	74.0	23.60	Peak	219.00	400	Horizontal	Pass
5**	12458.295	42.42	54.0	11.58	AV	219.00	400	Horizontal	Pass
6	15901.017	52.51	74.0	21.49	Peak	140.00	200	Horizontal	Pass
6**	15901.017	43.80	54.0	10.20	AV	140.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.110	37.33	74.0	36.67	Peak	195.00	200	Vertical	Pass
1**	1527.110	28.66	54.0	25.34	AV	195.00	200	Vertical	Pass
2	2334.425	42.54	74.0	31.46	Peak	302.00	100	Vertical	Pass
2**	2334.425	33.15	54.0	20.85	AV	302.00	100	Vertical	Pass
3	4899.574	51.53	74.0	22.47	Peak	191.00	200	Vertical	Pass
3**	4899.574	40.07	54.0	13.93	AV	191.00	200	Vertical	Pass
4	7324.203	52.51	74.0	21.49	Peak	64.00	400	Vertical	Pass
4**	7324.203	46.54	54.0	7.46	AV	64.00	400	Vertical	Pass
5	12485.499	54.89	74.0	19.11	Peak	2.00	100	Vertical	Pass
5**	12485.499	41.82	54.0	12.18	AV	2.00	100	Vertical	Pass
6	15691.197	52.15	74.0	21.85	Peak	235.00	100	Vertical	Pass
6**	15691.197	47.20	54.0	6.80	AV	235.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.900	39.21	74.0	34.79	Peak	123.00	400	Horizontal	Pass
1**	1523.900	26.71	54.0	27.29	AV	123.00	400	Horizontal	Pass
2	2278.275	41.87	74.0	32.13	Peak	349.00	100	Horizontal	Pass
2**	2278.275	36.33	54.0	17.67	AV	349.00	100	Horizontal	Pass
3	4043.035	46.11	74.0	27.89	Peak	300.00	200	Horizontal	Pass
3**	4043.035	38.53	54.0	15.47	AV	300.00	200	Horizontal	Pass
4	7621.781	51.91	74.0	22.09	Peak	318.00	200	Horizontal	Pass
4**	7621.781	44.70	54.0	9.30	AV	318.00	200	Horizontal	Pass
5	12457.192	54.97	74.0	19.03	Peak	29.00	100	Horizontal	Pass
5**	12457.192	46.06	54.0	7.94	AV	29.00	100	Horizontal	Pass
6	15900.720	51.36	74.0	22.64	Peak	122.00	100	Horizontal	Pass
6**	15900.720	43.48	54.0	10.52	AV	122.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.455	36.03	74.0	37.97	Peak	33.00	100	Vertical	Pass
1**	1532.455	29.15	54.0	24.85	AV	33.00	100	Vertical	Pass
2	2332.598	46.41	74.0	27.59	Peak	199.00	300	Vertical	Pass
2**	2332.598	33.88	54.0	20.12	AV	199.00	300	Vertical	Pass
3	4900.217	46.97	74.0	27.03	Peak	199.00	200	Vertical	Pass
3**	4900.217	42.17	54.0	11.83	AV	199.00	200	Vertical	Pass
4	7324.810	50.39	74.0	23.61	Peak	0.00	400	Vertical	Pass
4**	7324.810	45.88	54.0	8.12	AV	0.00	400	Vertical	Pass
5	12485.978	52.42	74.0	21.58	Peak	137.00	100	Vertical	Pass
5**	12485.978	45.52	54.0	8.48	AV	137.00	100	Vertical	Pass
6	15689.545	54.83	74.0	19.17	Peak	354.00	300	Vertical	Pass
6**	15689.545	44.37	54.0	9.63	AV	354.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.638	38.78	74.0	35.22	Peak	203.00	200	Horizontal	Pass
1**	1524.638	29.88	54.0	24.12	AV	203.00	200	Horizontal	Pass
2	2271.132	42.60	74.0	31.40	Peak	339.00	400	Horizontal	Pass
2**	2271.132	33.44	54.0	20.56	AV	339.00	400	Horizontal	Pass
3	4043.575	49.30	74.0	24.70	Peak	87.00	200	Horizontal	Pass
3**	4043.575	34.24	54.0	19.76	AV	87.00	200	Horizontal	Pass
4	7621.413	54.44	74.0	19.56	Peak	312.00	400	Horizontal	Pass
4**	7621.413	41.25	54.0	12.75	AV	312.00	400	Horizontal	Pass
5	12456.629	52.75	74.0	21.25	Peak	52.00	100	Horizontal	Pass
5**	12456.629	44.62	54.0	9.38	AV	52.00	100	Horizontal	Pass
6	15907.112	52.75	74.0	21.25	Peak	257.00	100	Horizontal	Pass
6**	15907.112	44.61	54.0	9.39	AV	257.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.655	35.80	74.0	38.20	Peak	0.00	400	Vertical	Pass
1**	1532.655	29.35	54.0	24.65	AV	0.00	400	Vertical	Pass
2	2333.603	42.23	74.0	31.77	Peak	44.00	400	Vertical	Pass
2**	2333.603	36.07	54.0	17.93	AV	44.00	400	Vertical	Pass
3	4898.401	49.18	74.0	24.82	Peak	27.00	200	Vertical	Pass
3**	4898.401	40.31	54.0	13.69	AV	27.00	200	Vertical	Pass
4	7328.362	53.20	74.0	20.80	Peak	268.00	100	Vertical	Pass
4**	7328.362	46.01	54.0	7.99	AV	268.00	100	Vertical	Pass
5	12486.098	55.31	74.0	18.69	Peak	335.00	100	Vertical	Pass
5**	12486.098	41.98	54.0	12.02	AV	335.00	100	Vertical	Pass
6	15692.857	51.65	74.0	22.35	Peak	39.00	300	Vertical	Pass
6**	15692.857	44.83	54.0	9.17	AV	39.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.976	38.86	74.0	35.14	Peak	111.00	100	Horizontal	Pass
1**	1522.976	29.37	54.0	24.63	AV	111.00	100	Horizontal	Pass
2	2277.188	42.78	74.0	31.22	Peak	48.00	400	Horizontal	Pass
2**	2277.188	36.78	54.0	17.22	AV	48.00	400	Horizontal	Pass
3	4044.806	44.52	74.0	29.48	Peak	292.00	200	Horizontal	Pass
3**	4044.806	37.09	54.0	16.91	AV	292.00	200	Horizontal	Pass
4	7624.245	53.15	74.0	20.85	Peak	144.00	400	Horizontal	Pass
4**	7624.245	44.82	54.0	9.18	AV	144.00	400	Horizontal	Pass
5	12454.306	51.82	74.0	22.18	Peak	282.00	100	Horizontal	Pass
5**	12454.306	42.42	54.0	11.58	AV	282.00	100	Horizontal	Pass
6	15901.699	52.16	74.0	21.84	Peak	97.00	100	Horizontal	Pass
6**	15901.699	42.98	54.0	11.02	AV	97.00	100	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	1533.578	35.81	74.0	38.19	Peak	85.00	300	Vertical	Pass
1**	1533.578	30.88	54.0	23.12	AV	85.00	300	Vertical	Pass
2	2338.895	43.83	74.0	30.17	Peak	301.00	300	Vertical	Pass
2**	2338.895	34.62	54.0	19.38	AV	301.00	300	Vertical	Pass
3	4904.081	51.29	74.0	22.71	Peak	43.00	200	Vertical	Pass
3**	4904.081	41.05	54.0	12.95	AV	43.00	200	Vertical	Pass
4	7325.985	56.36	74.0	17.64	Peak	11.00	200	Vertical	Pass
4**	7325.985	43.40	54.0	10.60	AV	11.00	200	Vertical	Pass
5	12482.960	52.26	74.0	21.74	Peak	125.00	200	Vertical	Pass
5**	12482.960	42.99	54.0	11.01	AV	125.00	200	Vertical	Pass
6	15687.987	54.77	74.0	19.23	Peak	36.00	100	Vertical	Pass
6**	15687.987	44.58	54.0	9.42	AV	36.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.318	39.32	74.0	34.68	Peak	204.00	400	Horizontal	Pass
1**	1524.318	27.08	54.0	26.92	AV	204.00	400	Horizontal	Pass
2	2278.415	46.44	74.0	27.56	Peak	79.00	300	Horizontal	Pass
2**	2278.415	32.09	54.0	21.91	AV	79.00	300	Horizontal	Pass
3	4050.114	49.37	74.0	24.63	Peak	72.00	200	Horizontal	Pass
3**	4050.114	37.53	54.0	16.47	AV	72.00	200	Horizontal	Pass
4	7618.472	52.34	74.0	21.66	Peak	230.00	400	Horizontal	Pass
4**	7618.472	42.52	54.0	11.48	AV	230.00	400	Horizontal	Pass
5	12457.355	52.40	74.0	21.60	Peak	207.00	400	Horizontal	Pass
5**	12457.355	46.29	54.0	7.71	AV	207.00	400	Horizontal	Pass
6	15901.890	53.95	74.0	20.05	Peak	114.00	100	Horizontal	Pass
6**	15901.890	43.05	54.0	10.95	AV	114.00	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	1534.210	40.36	74.0	33.64	Peak	161.00	300	Vertical	Pass
1**	1534.210	28.18	54.0	25.82	AV	161.00	300	Vertical	Pass
2	2336.391	42.69	74.0	31.31	Peak	175.00	100	Vertical	Pass
2**	2336.391	35.76	54.0	18.24	AV	175.00	100	Vertical	Pass
3	4900.261	48.27	74.0	25.73	Peak	349.00	200	Vertical	Pass
3**	4900.261	38.24	54.0	15.76	AV	349.00	200	Vertical	Pass
4	7328.438	55.08	74.0	18.92	Peak	37.00	100	Vertical	Pass
4**	7328.438	44.26	54.0	9.74	AV	37.00	100	Vertical	Pass
5	12484.363	55.17	74.0	18.83	Peak	142.00	200	Vertical	Pass
5**	12484.363	42.87	54.0	11.13	AV	142.00	200	Vertical	Pass
6	15687.764	52.98	74.0	21.02	Peak	211.00	100	Vertical	Pass
6**	15687.764	43.18	54.0	10.82	AV	211.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.269	38.80	74.0	35.20	Peak	82.00	400	Horizontal	Pass
1**	1523.269	28.94	54.0	25.06	AV	82.00	400	Horizontal	Pass
2	2274.792	43.78	74.0	30.22	Peak	259.00	200	Horizontal	Pass
2**	2274.792	35.48	54.0	18.52	AV	259.00	200	Horizontal	Pass
3	4046.990	45.66	74.0	28.34	Peak	95.00	200	Horizontal	Pass
3**	4046.990	39.08	54.0	14.92	AV	95.00	200	Horizontal	Pass
4	7619.636	50.51	74.0	23.49	Peak	286.00	100	Horizontal	Pass
4**	7619.636	42.13	54.0	11.87	AV	286.00	100	Horizontal	Pass
5	12456.944	51.66	74.0	22.34	Peak	272.00	400	Horizontal	Pass
5**	12456.944	44.81	54.0	9.19	AV	272.00	400	Horizontal	Pass
6	15904.640	53.66	74.0	20.34	Peak	282.00	300	Horizontal	Pass
6**	15904.640	47.30	54.0	6.70	AV	282.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.019	40.05	74.0	33.95	Peak	342.00	300	Vertical	Pass
1**	1528.019	26.33	54.0	27.67	AV	342.00	300	Vertical	Pass
2	2333.027	43.16	74.0	30.84	Peak	299.00	300	Vertical	Pass
2**	2333.027	34.29	54.0	19.71	AV	299.00	300	Vertical	Pass
3	4901.968	47.15	74.0	26.85	Peak	11.00	200	Vertical	Pass
3**	4901.968	38.76	54.0	15.24	AV	11.00	200	Vertical	Pass
4	7330.082	50.97	74.0	23.03	Peak	293.00	400	Vertical	Pass
4**	7330.082	41.90	54.0	12.10	AV	293.00	400	Vertical	Pass
5	12489.741	53.85	74.0	20.15	Peak	189.00	300	Vertical	Pass
5**	12489.741	44.93	54.0	9.07	AV	189.00	300	Vertical	Pass
6	15688.276	51.70	74.0	22.30	Peak	221.00	100	Vertical	Pass
6**	15688.276	45.27	54.0	8.73	AV	221.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.750	38.74	74.0	35.26	Peak	31.00	100	Horizontal	Pass
1**	1526.750	26.21	54.0	27.79	AV	31.00	100	Horizontal	Pass
2	2278.254	43.26	74.0	30.74	Peak	340.00	100	Horizontal	Pass
2**	2278.254	32.93	54.0	21.07	AV	340.00	100	Horizontal	Pass
3	4046.885	47.43	74.0	26.57	Peak	219.00	200	Horizontal	Pass
3**	4046.885	38.25	54.0	15.75	AV	219.00	200	Horizontal	Pass
4	7617.497	51.05	74.0	22.95	Peak	286.00	200	Horizontal	Pass
4**	7617.497	44.33	54.0	9.67	AV	286.00	200	Horizontal	Pass
5	12456.471	52.18	74.0	21.82	Peak	153.00	400	Horizontal	Pass
5**	12456.471	42.94	54.0	11.06	AV	153.00	400	Horizontal	Pass
6	15901.582	54.13	74.0	19.87	Peak	239.00	300	Horizontal	Pass
6**	15901.582	42.32	54.0	11.68	AV	239.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.656	41.66	74.0	32.34	Peak	6.00	200	Vertical	Pass
1**	1533.656	30.10	54.0	23.90	AV	6.00	200	Vertical	Pass
2	2336.029	47.32	74.0	26.68	Peak	296.00	100	Vertical	Pass
2**	2336.029	36.14	54.0	17.86	AV	296.00	100	Vertical	Pass
3	4897.497	50.91	74.0	23.09	Peak	302.00	200	Vertical	Pass
3**	4897.497	40.01	54.0	13.99	AV	302.00	200	Vertical	Pass
4	7330.151	54.65	74.0	19.35	Peak	202.00	100	Vertical	Pass
4**	7330.151	43.40	54.0	10.60	AV	202.00	100	Vertical	Pass
5	12489.880	53.59	74.0	20.41	Peak	149.00	200	Vertical	Pass
5**	12489.880	42.70	54.0	11.30	AV	149.00	200	Vertical	Pass
6	15691.792	51.36	74.0	22.64	Peak	163.00	200	Vertical	Pass
6**	15691.792	42.37	54.0	11.63	AV	163.00	200	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	1526.822	37.18	74.0	36.82	Peak	305.00	400	Horizontal	Pass
1**	1526.822	31.21	54.0	22.79	AV	305.00	400	Horizontal	Pass
2	2275.084	41.12	74.0	32.88	Peak	215.00	300	Horizontal	Pass
2**	2275.084	32.81	54.0	21.19	AV	215.00	300	Horizontal	Pass
3	4049.090	48.23	74.0	25.77	Peak	171.00	200	Horizontal	Pass
3**	4049.090	37.61	54.0	16.39	AV	171.00	200	Horizontal	Pass
4	7617.508	54.91	74.0	19.09	Peak	221.00	300	Horizontal	Pass
4**	7617.508	42.47	54.0	11.53	AV	221.00	300	Horizontal	Pass
5	12452.349	52.22	74.0	21.78	Peak	200.00	400	Horizontal	Pass
5**	12452.349	47.27	54.0	6.73	AV	200.00	400	Horizontal	Pass
6	15900.570	51.86	74.0	22.14	Peak	62.00	300	Horizontal	Pass
6**	15900.570	47.13	54.0	6.87	AV	62.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.731	37.49	74.0	36.51	Peak	168.00	100	Vertical	Pass
1**	1529.731	27.09	54.0	26.91	AV	168.00	100	Vertical	Pass
2	2335.921	43.66	74.0	30.34	Peak	137.00	200	Vertical	Pass
2**	2335.921	35.14	54.0	18.86	AV	137.00	200	Vertical	Pass
3	4902.899	52.79	74.0	21.21	Peak	99.00	200	Vertical	Pass
3**	4902.899	42.19	54.0	11.81	AV	99.00	200	Vertical	Pass
4	7323.740	56.03	74.0	17.97	Peak	285.00	300	Vertical	Pass
4**	7323.740	43.00	54.0	11.00	AV	285.00	300	Vertical	Pass
5	12484.667	51.57	74.0	22.43	Peak	322.00	400	Vertical	Pass
5**	12484.667	45.50	54.0	8.50	AV	322.00	400	Vertical	Pass
6	15691.911	55.13	74.0	18.87	Peak	174.00	400	Vertical	Pass
6**	15691.911	44.99	54.0	9.01	AV	174.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.304	39.09	74.0	34.91	Peak	35.00	200	Horizontal	Pass
1**	1523.304	29.62	54.0	24.38	AV	35.00	200	Horizontal	Pass
2	2271.550	41.96	74.0	32.04	Peak	251.00	200	Horizontal	Pass
2**	2271.550	31.71	54.0	22.29	AV	251.00	200	Horizontal	Pass
3	4049.284	48.07	74.0	25.93	Peak	185.00	200	Horizontal	Pass
3**	4049.284	37.33	54.0	16.67	AV	185.00	200	Horizontal	Pass
4	7622.363	51.87	74.0	22.13	Peak	152.00	100	Horizontal	Pass
4**	7622.363	43.18	54.0	10.82	AV	152.00	100	Horizontal	Pass
5	12454.209	53.30	74.0	20.70	Peak	330.00	100	Horizontal	Pass
5**	12454.209	43.23	54.0	10.77	AV	330.00	100	Horizontal	Pass
6	15899.828	54.08	74.0	19.92	Peak	126.00	400	Horizontal	Pass
6**	15899.828	47.34	54.0	6.66	AV	126.00	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	1528.363	36.45	74.0	37.55	Peak	258.00	100	Vertical	Pass
1**	1528.363	26.90	54.0	27.10	AV	258.00	100	Vertical	Pass
2	2337.004	47.29	74.0	26.71	Peak	71.00	100	Vertical	Pass
2**	2337.004	35.63	54.0	18.37	AV	71.00	100	Vertical	Pass
3	4902.285	51.03	74.0	22.97	Peak	296.00	200	Vertical	Pass
3**	4902.285	41.53	54.0	12.47	AV	296.00	200	Vertical	Pass
4	7329.330	53.73	74.0	20.27	Peak	59.00	400	Vertical	Pass
4**	7329.330	43.00	54.0	11.00	AV	59.00	400	Vertical	Pass
5	12485.247	53.23	74.0	20.77	Peak	91.00	200	Vertical	Pass
5**	12485.247	41.49	54.0	12.51	AV	91.00	200	Vertical	Pass
6	15691.943	55.71	74.0	18.29	Peak	176.00	300	Vertical	Pass
6**	15691.943	46.47	54.0	7.53	AV	176.00	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	1527.917	39.76	74.0	34.24	Peak	78.00	100	Horizontal	Pass
1**	1527.917	31.25	54.0	22.75	AV	78.00	100	Horizontal	Pass
2	2271.459	42.18	74.0	31.82	Peak	208.00	400	Horizontal	Pass
2**	2271.459	36.83	54.0	17.17	AV	208.00	400	Horizontal	Pass
3	4044.136	46.77	74.0	27.23	Peak	151.00	200	Horizontal	Pass
3**	4044.136	35.27	54.0	18.73	AV	151.00	200	Horizontal	Pass
4	7618.839	51.21	74.0	22.79	Peak	305.00	100	Horizontal	Pass
4**	7618.839	40.67	54.0	13.33	AV	305.00	100	Horizontal	Pass
5	12457.335	51.43	74.0	22.57	Peak	27.00	200	Horizontal	Pass
5**	12457.335	42.69	54.0	11.31	AV	27.00	200	Horizontal	Pass
6	15901.620	51.42	74.0	22.58	Peak	312.00	400	Horizontal	Pass
6**	15901.620	41.61	54.0	12.39	AV	312.00	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	1531.081	35.90	74.0	38.10	Peak	321.00	200	Vertical	Pass
1**	1531.081	30.95	54.0	23.05	AV	321.00	200	Vertical	Pass
2	2338.620	41.57	74.0	32.43	Peak	222.00	100	Vertical	Pass
2**	2338.620	34.25	54.0	19.75	AV	222.00	100	Vertical	Pass
3	4898.797	51.49	74.0	22.51	Peak	49.00	200	Vertical	Pass
3**	4898.797	39.23	54.0	14.77	AV	49.00	200	Vertical	Pass
4	7329.400	50.42	74.0	23.58	Peak	183.00	400	Vertical	Pass
4**	7329.400	46.73	54.0	7.27	AV	183.00	400	Vertical	Pass
5	12489.188	55.13	74.0	18.87	Peak	197.00	100	Vertical	Pass
5**	12489.188	42.88	54.0	11.12	AV	197.00	100	Vertical	Pass
6	15691.092	53.89	74.0	20.11	Peak	305.00	100	Vertical	Pass
6**	15691.092	42.17	54.0	11.83	AV	305.00	100	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	1522.562	37.10	74.0	36.90	Peak	140.00	200	Horizontal	Pass
1**	1522.562	28.26	54.0	25.74	AV	140.00	200	Horizontal	Pass
2	2278.496	41.46	74.0	32.54	Peak	149.00	300	Horizontal	Pass
2**	2278.496	36.83	54.0	17.17	AV	149.00	300	Horizontal	Pass
3	4044.560	49.68	74.0	24.32	Peak	289.00	200	Horizontal	Pass
3**	4044.560	37.12	54.0	16.88	AV	289.00	200	Horizontal	Pass
4	7619.297	51.82	74.0	22.18	Peak	349.00	100	Horizontal	Pass
4**	7619.297	45.85	54.0	8.15	AV	349.00	100	Horizontal	Pass
5	12452.371	55.47	74.0	18.53	Peak	205.00	300	Horizontal	Pass
5**	12452.371	43.49	54.0	10.51	AV	205.00	300	Horizontal	Pass
6	15903.006	56.66	74.0	17.34	Peak	343.00	200	Horizontal	Pass
6**	15903.006	45.63	54.0	8.37	AV	343.00	200	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	1532.000	41.14	74.0	32.86	Peak	253.00	400	Vertical	Pass
1**	1532.000	28.72	54.0	25.28	AV	253.00	400	Vertical	Pass
2	2332.597	45.46	74.0	28.54	Peak	164.00	300	Vertical	Pass
2**	2332.597	36.13	54.0	17.87	AV	164.00	300	Vertical	Pass
3	4898.842	49.93	74.0	24.07	Peak	308.00	200	Vertical	Pass
3**	4898.842	37.00	54.0	17.00	AV	308.00	200	Vertical	Pass
4	7329.718	55.51	74.0	18.49	Peak	211.00	300	Vertical	Pass
4**	7329.718	41.37	54.0	12.63	AV	211.00	300	Vertical	Pass
5	12488.990	50.69	74.0	23.31	Peak	179.00	100	Vertical	Pass
5**	12488.990	41.30	54.0	12.70	AV	179.00	100	Vertical	Pass
6	15694.094	55.89	74.0	18.11	Peak	359.00	400	Vertical	Pass
6**	15694.094	45.05	54.0	8.95	AV	359.00	400	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	1524.905	40.25	74.0	33.75	Peak	62.00	100	Horizontal	Pass
1**	1524.905	27.37	54.0	26.63	AV	62.00	100	Horizontal	Pass
2	2272.240	46.75	74.0	27.25	Peak	120.00	300	Horizontal	Pass
2**	2272.240	32.19	54.0	21.81	AV	120.00	300	Horizontal	Pass
3	4048.361	47.54	74.0	26.46	Peak	70.00	200	Horizontal	Pass
3**	4048.361	38.43	54.0	15.57	AV	70.00	200	Horizontal	Pass
4	7617.745	53.41	74.0	20.59	Peak	194.00	400	Horizontal	Pass
4**	7617.745	46.47	54.0	7.53	AV	194.00	400	Horizontal	Pass
5	12456.922	51.58	74.0	22.42	Peak	84.00	100	Horizontal	Pass
5**	12456.922	42.25	54.0	11.75	AV	84.00	100	Horizontal	Pass
6	15904.481	56.68	74.0	17.32	Peak	65.00	100	Horizontal	Pass
6**	15904.481	43.08	54.0	10.92	AV	65.00	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	1600.745	42.51	74.0	31.49	Peak	167.00	100	Vertical	Pass
1**	1600.745	26.31	54.0	27.69	AV	167.00	100	Vertical	Pass
2	2223.493	44.30	74.0	29.70	Peak	265.00	100	Vertical	Pass
2**	2223.493	28.94	54.0	25.06	AV	265.00	100	Vertical	Pass
3	4258.239	46.90	74.0	27.10	Peak	38.00	200	Vertical	Pass
3**	4258.239	38.58	54.0	15.42	AV	38.00	200	Vertical	Pass
4	7708.617	55.81	74.0	18.19	Peak	316.00	300	Vertical	Pass
4**	7708.617	40.94	54.0	13.06	AV	316.00	300	Vertical	Pass
5	12502.586	51.61	74.0	22.39	Peak	348.00	100	Vertical	Pass
5**	12502.586	40.34	54.0	13.66	AV	348.00	100	Vertical	Pass
6	15671.896	55.33	74.0	18.67	Peak	130.00	300	Vertical	Pass
6**	15671.896	44.16	54.0	9.84	AV	130.00	300	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	1525.903	38.01	74.0	35.99	Peak	267.00	400	Horizontal	Pass
1**	1525.903	27.97	54.0	26.03	AV	267.00	400	Horizontal	Pass
2	2272.316	41.35	74.0	32.65	Peak	44.00	300	Horizontal	Pass
2**	2272.316	37.24	54.0	16.76	AV	44.00	300	Horizontal	Pass
3	4047.478	46.10	74.0	27.90	Peak	130.00	200	Horizontal	Pass
3**	4047.478	35.69	54.0	18.31	AV	130.00	200	Horizontal	Pass
4	7616.528	51.64	74.0	22.36	Peak	56.00	100	Horizontal	Pass
4**	7616.528	42.62	54.0	11.38	AV	56.00	100	Horizontal	Pass
5	12453.047	52.20	74.0	21.80	Peak	214.00	100	Horizontal	Pass
5**	12453.047	44.94	54.0	9.06	AV	214.00	100	Horizontal	Pass
6	15900.074	53.88	74.0	20.12	Peak	292.00	300	Horizontal	Pass
6**	15900.074	45.21	54.0	8.79	AV	292.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.440	43.07	74.0	30.93	Peak	180.00	200	Vertical	Pass
1**	1595.440	23.63	54.0	30.37	AV	180.00	200	Vertical	Pass
2	2231.365	40.68	74.0	33.32	Peak	9.00	100	Vertical	Pass
2**	2231.365	28.75	54.0	25.25	AV	9.00	100	Vertical	Pass
3	4257.280	49.80	74.0	24.20	Peak	171.00	200	Vertical	Pass
3**	4257.280	39.48	54.0	14.52	AV	171.00	200	Vertical	Pass
4	7711.248	52.68	74.0	21.32	Peak	306.00	300	Vertical	Pass
4**	7711.248	39.87	54.0	14.13	AV	306.00	300	Vertical	Pass
5	12500.099	55.87	74.0	18.13	Peak	52.00	100	Vertical	Pass
5**	12500.099	43.98	54.0	10.02	AV	52.00	100	Vertical	Pass
6	15672.844	55.50	74.0	18.50	Peak	15.00	300	Vertical	Pass
6**	15672.844	40.09	54.0	13.91	AV	15.00	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	1525.076	37.17	74.0	36.83	Peak	189.00	200	Horizontal	Pass
1**	1525.076	27.93	54.0	26.07	AV	189.00	200	Horizontal	Pass
2	2273.891	44.62	74.0	29.38	Peak	195.00	200	Horizontal	Pass
2**	2273.891	35.59	54.0	18.41	AV	195.00	200	Horizontal	Pass
3	4044.177	46.38	74.0	27.62	Peak	138.00	200	Horizontal	Pass
3**	4044.177	36.63	54.0	17.37	AV	138.00	200	Horizontal	Pass
4	7622.881	52.80	74.0	21.20	Peak	103.00	400	Horizontal	Pass
4**	7622.881	40.62	54.0	13.38	AV	103.00	400	Horizontal	Pass
5	12456.129	54.06	74.0	19.94	Peak	160.00	100	Horizontal	Pass
5**	12456.129	43.62	54.0	10.38	AV	160.00	100	Horizontal	Pass
6	15904.987	53.61	74.0	20.39	Peak	107.00	400	Horizontal	Pass
6**	15904.987	47.30	54.0	6.70	AV	107.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.679	37.44	74.0	36.56	Peak	343.00	400	Vertical	Pass
1**	1597.679	27.53	54.0	26.47	AV	343.00	400	Vertical	Pass
2	2226.961	43.95	74.0	30.05	Peak	95.00	400	Vertical	Pass
2**	2226.961	30.98	54.0	23.02	AV	95.00	400	Vertical	Pass
3	4255.035	48.54	74.0	25.46	Peak	162.00	200	Vertical	Pass
3**	4255.035	36.71	54.0	17.29	AV	162.00	200	Vertical	Pass
4	7710.944	55.47	74.0	18.53	Peak	127.00	100	Vertical	Pass
4**	7710.944	40.26	54.0	13.74	AV	127.00	100	Vertical	Pass
5	12497.757	51.38	74.0	22.62	Peak	150.00	100	Vertical	Pass
5**	12497.757	44.42	54.0	9.58	AV	150.00	100	Vertical	Pass
6	15674.764	58.01	74.0	15.99	Peak	120.00	100	Vertical	Pass
6**	15674.764	43.01	54.0	10.99	AV	120.00	100	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	1525.263	38.30	74.0	35.70	Peak	296.00	200	Horizontal	Pass
1**	1525.263	30.76	54.0	23.24	AV	296.00	200	Horizontal	Pass
2	2277.250	43.82	74.0	30.18	Peak	195.00	100	Horizontal	Pass
2**	2277.250	34.62	54.0	19.38	AV	195.00	100	Horizontal	Pass
3	4045.973	45.86	74.0	28.14	Peak	2.00	200	Horizontal	Pass
3**	4045.973	39.23	54.0	14.77	AV	2.00	200	Horizontal	Pass
4	7619.095	52.00	74.0	22.00	Peak	141.00	200	Horizontal	Pass
4**	7619.095	42.89	54.0	11.11	AV	141.00	200	Horizontal	Pass
5	12457.073	53.18	74.0	20.82	Peak	348.00	300	Horizontal	Pass
5**	12457.073	45.64	54.0	8.36	AV	348.00	300	Horizontal	Pass
6	15899.850	52.23	74.0	21.77	Peak	11.00	200	Horizontal	Pass
6**	15899.850	44.08	54.0	9.92	AV	11.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.447	42.74	74.0	31.26	Peak	284.00	100	Vertical	Pass
1**	1600.447	24.13	54.0	29.87	AV	284.00	100	Vertical	Pass
2	2225.647	41.95	74.0	32.05	Peak	92.00	400	Vertical	Pass
2**	2225.647	33.67	54.0	20.33	AV	92.00	400	Vertical	Pass
3	4258.111	45.86	74.0	28.14	Peak	88.00	200	Vertical	Pass
3**	4258.111	40.51	54.0	13.49	AV	88.00	200	Vertical	Pass
4	7708.695	56.09	74.0	17.91	Peak	300.00	100	Vertical	Pass
4**	7708.695	40.81	54.0	13.19	AV	300.00	100	Vertical	Pass
5	12497.373	52.25	74.0	21.75	Peak	108.00	200	Vertical	Pass
5**	12497.373	44.63	54.0	9.37	AV	108.00	200	Vertical	Pass
6	15671.570	55.45	74.0	18.55	Peak	329.00	200	Vertical	Pass
6**	15671.570	43.22	54.0	10.78	AV	329.00	200	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	1527.374	37.46	74.0	36.54	Peak	297.00	200	Horizontal	Pass
1**	1527.374	26.41	54.0	27.59	AV	297.00	200	Horizontal	Pass
2	2276.623	46.46	74.0	27.54	Peak	90.00	300	Horizontal	Pass
2**	2276.623	31.49	54.0	22.51	AV	90.00	300	Horizontal	Pass
3	4043.254	49.34	74.0	24.66	Peak	181.00	200	Horizontal	Pass
3**	4043.254	37.36	54.0	16.64	AV	181.00	200	Horizontal	Pass
4	7617.656	52.85	74.0	21.15	Peak	217.00	100	Horizontal	Pass
4**	7617.656	45.52	54.0	8.48	AV	217.00	100	Horizontal	Pass
5	12454.794	55.55	74.0	18.45	Peak	33.00	400	Horizontal	Pass
5**	12454.794	42.40	54.0	11.60	AV	33.00	400	Horizontal	Pass
6	15906.597	56.25	74.0	17.75	Peak	232.00	300	Horizontal	Pass
6**	15906.597	46.66	54.0	7.34	AV	232.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.291	37.65	74.0	36.35	Peak	290.00	100	Vertical	Pass
1**	1597.291	27.60	54.0	26.40	AV	290.00	100	Vertical	Pass
2	2224.973	41.26	74.0	32.74	Peak	211.00	300	Vertical	Pass
2**	2224.973	32.56	54.0	21.44	AV	211.00	300	Vertical	Pass
3	4260.712	50.24	74.0	23.76	Peak	210.00	200	Vertical	Pass
3**	4260.712	40.74	54.0	13.26	AV	210.00	200	Vertical	Pass
4	7707.035	56.46	74.0	17.54	Peak	85.00	300	Vertical	Pass
4**	7707.035	39.87	54.0	14.13	AV	85.00	300	Vertical	Pass
5	12495.459	55.43	74.0	18.57	Peak	79.00	400	Vertical	Pass
5**	12495.459	45.08	54.0	8.92	AV	79.00	400	Vertical	Pass
6	15668.737	57.60	74.0	16.40	Peak	93.00	100	Vertical	Pass
6**	15668.737	45.59	54.0	8.41	AV	93.00	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	1523.184	36.79	74.0	37.21	Peak	117.00	100	Horizontal	Pass
1**	1523.184	29.21	54.0	24.79	AV	117.00	100	Horizontal	Pass
2	2271.136	42.86	74.0	31.14	Peak	174.00	400	Horizontal	Pass
2**	2271.136	34.77	54.0	19.23	AV	174.00	400	Horizontal	Pass
3	4047.059	49.05	74.0	24.95	Peak	336.00	200	Horizontal	Pass
3**	4047.059	35.03	54.0	18.97	AV	336.00	200	Horizontal	Pass
4	7619.334	53.71	74.0	20.29	Peak	9.00	400	Horizontal	Pass
4**	7619.334	41.46	54.0	12.54	AV	9.00	400	Horizontal	Pass
5	12456.066	52.92	74.0	21.08	Peak	96.00	300	Horizontal	Pass
5**	12456.066	45.80	54.0	8.20	AV	96.00	300	Horizontal	Pass
6	15904.780	56.16	74.0	17.84	Peak	110.00	400	Horizontal	Pass
6**	15904.780	43.14	54.0	10.86	AV	110.00	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	1597.825	42.57	74.0	31.43	Peak	24.00	400	Vertical	Pass
1**	1597.825	23.89	54.0	30.11	AV	24.00	400	Vertical	Pass
2	2230.287	39.62	74.0	34.38	Peak	147.00	400	Vertical	Pass
2**	2230.287	31.88	54.0	22.12	AV	147.00	400	Vertical	Pass
3	4261.326	45.98	74.0	28.02	Peak	261.00	200	Vertical	Pass
3**	4261.326	38.40	54.0	15.60	AV	261.00	200	Vertical	Pass
4	7708.449	56.87	74.0	17.13	Peak	344.00	100	Vertical	Pass
4**	7708.449	41.77	54.0	12.23	AV	344.00	100	Vertical	Pass
5	12496.479	52.49	74.0	21.51	Peak	254.00	300	Vertical	Pass
5**	12496.479	42.93	54.0	11.07	AV	254.00	300	Vertical	Pass
6	15676.430	58.52	74.0	15.48	Peak	3.00	100	Vertical	Pass
6**	15676.430	42.92	54.0	11.08	AV	3.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.555	37.15	74.0	36.85	Peak	53.00	100	Horizontal	Pass
1**	1521.555	26.03	54.0	27.97	AV	53.00	100	Horizontal	Pass
2	2276.699	44.12	74.0	29.88	Peak	89.00	400	Horizontal	Pass
2**	2276.699	34.45	54.0	19.55	AV	89.00	400	Horizontal	Pass
3	4046.451	45.59	74.0	28.41	Peak	359.00	200	Horizontal	Pass
3**	4046.451	37.85	54.0	16.15	AV	359.00	200	Horizontal	Pass
4	7617.487	50.17	74.0	23.83	Peak	41.00	100	Horizontal	Pass
4**	7617.487	45.09	54.0	8.91	AV	41.00	100	Horizontal	Pass
5	12452.735	53.56	74.0	20.44	Peak	140.00	100	Horizontal	Pass
5**	12452.735	43.97	54.0	10.03	AV	140.00	100	Horizontal	Pass
6	15901.332	53.42	74.0	20.58	Peak	199.00	200	Horizontal	Pass
6**	15901.332	47.27	54.0	6.73	AV	199.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.365	43.02	74.0	30.98	Peak	345.00	200	Vertical	Pass
1**	1601.365	28.17	54.0	25.83	AV	345.00	200	Vertical	Pass
2	2228.973	38.78	74.0	35.22	Peak	144.00	400	Vertical	Pass
2**	2228.973	29.63	54.0	24.37	AV	144.00	400	Vertical	Pass
3	4254.361	48.35	74.0	25.65	Peak	132.00	200	Vertical	Pass
3**	4254.361	37.94	54.0	16.06	AV	132.00	200	Vertical	Pass
4	7709.467	54.59	74.0	19.41	Peak	49.00	400	Vertical	Pass
4**	7709.467	42.11	54.0	11.89	AV	49.00	400	Vertical	Pass
5	12494.767	51.79	74.0	22.21	Peak	75.00	300	Vertical	Pass
5**	12494.767	43.86	54.0	10.14	AV	75.00	300	Vertical	Pass
6	15671.829	56.85	74.0	17.15	Peak	307.00	300	Vertical	Pass
6**	15671.829	45.03	54.0	8.97	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.378	38.26	74.0	35.74	Peak	106.00	400	Horizontal	Pass
1**	1521.378	27.79	54.0	26.21	AV	106.00	400	Horizontal	Pass
2	2273.868	42.65	74.0	31.35	Peak	47.00	400	Horizontal	Pass
2**	2273.868	32.69	54.0	21.31	AV	47.00	400	Horizontal	Pass
3	4047.715	45.13	74.0	28.87	Peak	29.00	200	Horizontal	Pass
3**	4047.715	36.11	54.0	17.89	AV	29.00	200	Horizontal	Pass
4	7616.884	55.82	74.0	18.18	Peak	345.00	400	Horizontal	Pass
4**	7616.884	42.00	54.0	12.00	AV	345.00	400	Horizontal	Pass
5	12451.943	55.96	74.0	18.04	Peak	52.00	400	Horizontal	Pass
5**	12451.943	44.50	54.0	9.50	AV	52.00	400	Horizontal	Pass
6	15904.391	52.97	74.0	21.03	Peak	200.00	400	Horizontal	Pass
6**	15904.391	46.28	54.0	7.72	AV	200.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.667	41.09	74.0	32.91	Peak	175.00	200	Vertical	Pass
1**	1599.667	28.37	54.0	25.63	AV	175.00	200	Vertical	Pass
2	2231.354	42.85	74.0	31.15	Peak	113.00	300	Vertical	Pass
2**	2231.354	30.14	54.0	23.86	AV	113.00	300	Vertical	Pass
3	4257.284	50.40	74.0	23.60	Peak	133.00	200	Vertical	Pass
3**	4257.284	35.52	54.0	18.48	AV	133.00	200	Vertical	Pass
4	7705.808	54.39	74.0	19.61	Peak	69.00	200	Vertical	Pass
4**	7705.808	45.11	54.0	8.89	AV	69.00	200	Vertical	Pass
5	12495.249	51.04	74.0	22.96	Peak	296.00	100	Vertical	Pass
5**	12495.249	42.65	54.0	11.35	AV	296.00	100	Vertical	Pass
6	15675.120	58.10	74.0	15.90	Peak	213.00	300	Vertical	Pass
6**	15675.120	44.10	54.0	9.90	AV	213.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.317	36.39	74.0	37.61	Peak	186.00	400	Horizontal	Pass
1**	1528.317	30.75	54.0	23.25	AV	186.00	400	Horizontal	Pass
2	2275.391	45.23	74.0	28.77	Peak	286.00	400	Horizontal	Pass
2**	2275.391	32.43	54.0	21.57	AV	286.00	400	Horizontal	Pass
3	4043.023	46.59	74.0	27.41	Peak	79.00	200	Horizontal	Pass
3**	4043.023	37.02	54.0	16.98	AV	79.00	200	Horizontal	Pass
4	7621.872	55.10	74.0	18.90	Peak	67.00	100	Horizontal	Pass
4**	7621.872	45.94	54.0	8.06	AV	67.00	100	Horizontal	Pass
5	12450.723	55.02	74.0	18.98	Peak	32.00	300	Horizontal	Pass
5**	12450.723	43.59	54.0	10.41	AV	32.00	300	Horizontal	Pass
6	15905.366	52.43	74.0	21.57	Peak	67.00	300	Horizontal	Pass
6**	15905.366	46.55	54.0	7.45	AV	67.00	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	1597.532	39.81	74.0	34.19	Peak	304.00	100	Vertical	Pass
1**	1597.532	28.16	54.0	25.84	AV	304.00	100	Vertical	Pass
2	2225.654	42.06	74.0	31.94	Peak	250.00	100	Vertical	Pass
2**	2225.654	34.26	54.0	19.74	AV	250.00	100	Vertical	Pass
3	4260.227	50.77	74.0	23.23	Peak	182.00	200	Vertical	Pass
3**	4260.227	37.34	54.0	16.66	AV	182.00	200	Vertical	Pass
4	7706.944	54.27	74.0	19.73	Peak	269.00	100	Vertical	Pass
4**	7706.944	41.69	54.0	12.31	AV	269.00	100	Vertical	Pass
5	12496.303	52.83	74.0	21.17	Peak	325.00	100	Vertical	Pass
5**	12496.303	44.53	54.0	9.47	AV	325.00	100	Vertical	Pass
6	15675.300	55.81	74.0	18.19	Peak	126.00	300	Vertical	Pass
6**	15675.300	43.95	54.0	10.05	AV	126.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.770	38.28	74.0	35.72	Peak	275.00	300	Horizontal	Pass
1**	1520.770	28.78	54.0	25.22	AV	275.00	300	Horizontal	Pass
2	2274.592	46.43	74.0	27.57	Peak	334.00	400	Horizontal	Pass
2**	2274.592	35.37	54.0	18.63	AV	334.00	400	Horizontal	Pass
3	4043.267	49.42	74.0	24.58	Peak	131.00	200	Horizontal	Pass
3**	4043.267	34.85	54.0	19.15	AV	131.00	200	Horizontal	Pass
4	7621.934	55.88	74.0	18.12	Peak	195.00	200	Horizontal	Pass
4**	7621.934	41.86	54.0	12.14	AV	195.00	200	Horizontal	Pass
5	12453.832	50.32	74.0	23.68	Peak	345.00	300	Horizontal	Pass
5**	12453.832	42.90	54.0	11.10	AV	345.00	300	Horizontal	Pass
6	15900.428	53.27	74.0	20.73	Peak	81.00	300	Horizontal	Pass
6**	15900.428	43.18	54.0	10.82	AV	81.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.529	38.34	74.0	35.66	Peak	281.00	300	Vertical	Pass
1**	1596.529	26.24	54.0	27.76	AV	281.00	300	Vertical	Pass
2	2226.822	40.31	74.0	33.69	Peak	33.00	400	Vertical	Pass
2**	2226.822	29.21	54.0	24.79	AV	33.00	400	Vertical	Pass
3	4256.270	49.92	74.0	24.08	Peak	174.00	200	Vertical	Pass
3**	4256.270	38.32	54.0	15.68	AV	174.00	200	Vertical	Pass
4	7706.808	55.83	74.0	18.17	Peak	201.00	200	Vertical	Pass
4**	7706.808	40.44	54.0	13.56	AV	201.00	200	Vertical	Pass
5	12496.171	53.68	74.0	20.32	Peak	140.00	100	Vertical	Pass
5**	12496.171	43.38	54.0	10.62	AV	140.00	100	Vertical	Pass
6	15676.088	56.04	74.0	17.96	Peak	271.00	400	Vertical	Pass
6**	15676.088	43.36	54.0	10.64	AV	271.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.132	40.69	74.0	33.31	Peak	285.00	200	Horizontal	Pass
1**	1522.132	25.60	54.0	28.40	AV	285.00	200	Horizontal	Pass
2	2271.377	46.43	74.0	27.57	Peak	323.00	400	Horizontal	Pass
2**	2271.377	36.43	54.0	17.57	AV	323.00	400	Horizontal	Pass
3	4043.996	44.59	74.0	29.41	Peak	213.00	200	Horizontal	Pass
3**	4043.996	39.59	54.0	14.41	AV	213.00	200	Horizontal	Pass
4	7617.713	53.24	74.0	20.76	Peak	341.00	100	Horizontal	Pass
4**	7617.713	40.80	54.0	13.20	AV	341.00	100	Horizontal	Pass
5	12454.902	55.39	74.0	18.61	Peak	61.00	400	Horizontal	Pass
5**	12454.902	45.03	54.0	8.97	AV	61.00	400	Horizontal	Pass
6	15906.117	56.27	74.0	17.73	Peak	41.00	400	Horizontal	Pass
6**	15906.117	43.06	54.0	10.94	AV	41.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.316	37.56	74.0	36.44	Peak	116.00	300	Vertical	Pass
1**	1602.316	26.06	54.0	27.94	AV	116.00	300	Vertical	Pass
2	2226.176	39.65	74.0	34.35	Peak	45.00	100	Vertical	Pass
2**	2226.176	34.43	54.0	19.57	AV	45.00	100	Vertical	Pass
3	4262.136	47.76	74.0	26.24	Peak	296.00	200	Vertical	Pass
3**	4262.136	35.81	54.0	18.19	AV	296.00	200	Vertical	Pass
4	7704.916	55.94	74.0	18.06	Peak	192.00	200	Vertical	Pass
4**	7704.916	41.41	54.0	12.59	AV	192.00	200	Vertical	Pass
5	12497.460	54.75	74.0	19.25	Peak	70.00	100	Vertical	Pass
5**	12497.460	44.51	54.0	9.49	AV	70.00	100	Vertical	Pass
6	15671.859	56.22	74.0	17.78	Peak	289.00	300	Vertical	Pass
6**	15671.859	43.97	54.0	10.03	AV	289.00	300	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	1525.620	37.14	74.0	36.86	Peak	79.00	300	Horizontal	Pass
1**	1525.620	31.06	54.0	22.94	AV	79.00	300	Horizontal	Pass
2	2271.067	44.46	74.0	29.54	Peak	279.00	100	Horizontal	Pass
2**	2271.067	32.13	54.0	21.87	AV	279.00	100	Horizontal	Pass
3	4050.004	48.98	74.0	25.02	Peak	77.00	200	Horizontal	Pass
3**	4050.004	38.01	54.0	15.99	AV	77.00	200	Horizontal	Pass
4	7622.986	53.41	74.0	20.59	Peak	102.00	100	Horizontal	Pass
4**	7622.986	42.92	54.0	11.08	AV	102.00	100	Horizontal	Pass
5	12458.517	52.41	74.0	21.59	Peak	107.00	100	Horizontal	Pass
5**	12458.517	43.14	54.0	10.86	AV	107.00	100	Horizontal	Pass
6	15906.228	56.09	74.0	17.91	Peak	14.00	400	Horizontal	Pass
6**	15906.228	42.02	54.0	11.98	AV	14.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.996	43.04	74.0	30.96	Peak	134.00	100	Vertical	Pass
1**	1596.996	25.53	54.0	28.47	AV	134.00	100	Vertical	Pass
2	2225.655	38.47	74.0	35.53	Peak	299.00	300	Vertical	Pass
2**	2225.655	32.68	54.0	21.32	AV	299.00	300	Vertical	Pass
3	4256.828	49.58	74.0	24.42	Peak	62.00	200	Vertical	Pass
3**	4256.828	41.03	54.0	12.97	AV	62.00	200	Vertical	Pass
4	7711.827	52.92	74.0	21.08	Peak	321.00	200	Vertical	Pass
4**	7711.827	44.26	54.0	9.74	AV	321.00	200	Vertical	Pass
5	12499.814	53.85	74.0	20.15	Peak	198.00	400	Vertical	Pass
5**	12499.814	45.64	54.0	8.36	AV	198.00	400	Vertical	Pass
6	15669.983	57.09	74.0	16.91	Peak	309.00	100	Vertical	Pass
6**	15669.983	41.71	54.0	12.29	AV	309.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.596	36.80	74.0	37.20	Peak	122.00	100	Horizontal	Pass
1**	1520.596	29.27	54.0	24.73	AV	122.00	100	Horizontal	Pass
2	2276.725	42.60	74.0	31.40	Peak	190.00	400	Horizontal	Pass
2**	2276.725	35.73	54.0	18.27	AV	190.00	400	Horizontal	Pass
3	4042.670	46.58	74.0	27.42	Peak	351.00	200	Horizontal	Pass
3**	4042.670	34.42	54.0	19.58	AV	351.00	200	Horizontal	Pass
4	7622.472	49.97	74.0	24.03	Peak	111.00	100	Horizontal	Pass
4**	7622.472	44.40	54.0	9.60	AV	111.00	100	Horizontal	Pass
5	12455.810	55.66	74.0	18.34	Peak	94.00	100	Horizontal	Pass
5**	12455.810	43.78	54.0	10.22	AV	94.00	100	Horizontal	Pass
6	15903.390	52.41	74.0	21.59	Peak	8.00	400	Horizontal	Pass
6**	15903.390	45.74	54.0	8.26	AV	8.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.567	38.61	74.0	35.39	Peak	246.00	400	Vertical	Pass
1**	1597.567	26.84	54.0	27.16	AV	246.00	400	Vertical	Pass
2	2223.789	41.21	74.0	32.79	Peak	49.00	200	Vertical	Pass
2**	2223.789	31.51	54.0	22.49	AV	49.00	200	Vertical	Pass
3	4260.121	48.38	74.0	25.62	Peak	81.00	200	Vertical	Pass
3**	4260.121	40.24	54.0	13.76	AV	81.00	200	Vertical	Pass
4	7706.012	58.63	74.0	15.37	Peak	339.00	100	Vertical	Pass
4**	7706.012	44.38	54.0	9.62	AV	339.00	100	Vertical	Pass
5	12500.647	50.95	74.0	23.05	Peak	24.00	200	Vertical	Pass
5**	12500.647	43.52	54.0	10.48	AV	24.00	200	Vertical	Pass
6	15672.814	57.41	74.0	16.59	Peak	288.00	200	Vertical	Pass
6**	15672.814	43.24	54.0	10.76	AV	288.00	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	1523.179	41.20	74.0	32.80	Peak	272.00	100	Horizontal	Pass
1**	1523.179	28.83	54.0	25.17	AV	272.00	100	Horizontal	Pass
2	2273.835	44.94	74.0	29.06	Peak	40.00	200	Horizontal	Pass
2**	2273.835	35.54	54.0	18.46	AV	40.00	200	Horizontal	Pass
3	4045.769	44.47	74.0	29.53	Peak	311.00	200	Horizontal	Pass
3**	4045.769	39.92	54.0	14.08	AV	311.00	200	Horizontal	Pass
4	7623.336	54.05	74.0	19.95	Peak	182.00	300	Horizontal	Pass
4**	7623.336	41.06	54.0	12.94	AV	182.00	300	Horizontal	Pass
5	12451.405	52.08	74.0	21.92	Peak	191.00	400	Horizontal	Pass
5**	12451.405	46.89	54.0	7.11	AV	191.00	400	Horizontal	Pass
6	15905.702	52.65	74.0	21.35	Peak	273.00	300	Horizontal	Pass
6**	15905.702	46.53	54.0	7.47	AV	273.00	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	1601.247	40.51	74.0	33.49	Peak	74.00	400	Vertical	Pass
1**	1601.247	24.55	54.0	29.45	AV	74.00	400	Vertical	Pass
2	2224.609	43.65	74.0	30.35	Peak	158.00	300	Vertical	Pass
2**	2224.609	28.98	54.0	25.02	AV	158.00	300	Vertical	Pass
3	4260.739	49.94	74.0	24.06	Peak	70.00	200	Vertical	Pass
3**	4260.739	37.48	54.0	16.52	AV	70.00	200	Vertical	Pass
4	7709.506	52.79	74.0	21.21	Peak	203.00	100	Vertical	Pass
4**	7709.506	41.14	54.0	12.86	AV	203.00	100	Vertical	Pass
5	12500.759	53.64	74.0	20.36	Peak	239.00	300	Vertical	Pass
5**	12500.759	42.16	54.0	11.84	AV	239.00	300	Vertical	Pass
6	15676.519	57.56	74.0	16.44	Peak	5.00	400	Vertical	Pass
6**	15676.519	44.25	54.0	9.75	AV	5.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.303	36.65	74.0	37.35	Peak	222.00	400	Horizontal	Pass
1**	1523.303	28.51	54.0	25.49	AV	222.00	400	Horizontal	Pass
2	2274.555	41.62	74.0	32.38	Peak	340.00	400	Horizontal	Pass
2**	2274.555	35.35	54.0	18.65	AV	340.00	400	Horizontal	Pass
3	4044.568	49.94	74.0	24.06	Peak	58.00	200	Horizontal	Pass
3**	4044.568	35.15	54.0	18.85	AV	58.00	200	Horizontal	Pass
4	7617.293	51.50	74.0	22.50	Peak	239.00	300	Horizontal	Pass
4**	7617.293	44.07	54.0	9.93	AV	239.00	300	Horizontal	Pass
5	12456.557	50.04	74.0	23.96	Peak	89.00	300	Horizontal	Pass
5**	12456.557	46.32	54.0	7.68	AV	89.00	300	Horizontal	Pass
6	15906.084	50.86	74.0	23.14	Peak	9.00	200	Horizontal	Pass
6**	15906.084	43.65	54.0	10.35	AV	9.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.672	38.37	74.0	35.63	Peak	4.00	300	Vertical	Pass
1**	1598.672	25.16	54.0	28.84	AV	4.00	300	Vertical	Pass
2	2231.157	39.12	74.0	34.88	Peak	10.00	400	Vertical	Pass
2**	2231.157	32.91	54.0	21.09	AV	10.00	400	Vertical	Pass
3	4258.172	46.95	74.0	27.05	Peak	129.00	200	Vertical	Pass
3**	4258.172	39.09	54.0	14.91	AV	129.00	200	Vertical	Pass
4	7707.114	54.75	74.0	19.25	Peak	261.00	400	Vertical	Pass
4**	7707.114	44.85	54.0	9.15	AV	261.00	400	Vertical	Pass
5	12495.581	56.46	74.0	17.54	Peak	302.00	100	Vertical	Pass
5**	12495.581	43.61	54.0	10.39	AV	302.00	100	Vertical	Pass
6	15671.129	57.34	74.0	16.66	Peak	346.00	300	Vertical	Pass
6**	15671.129	41.49	54.0	12.51	AV	346.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.022	35.65	74.0	38.35	Peak	307.00	300	Horizontal	Pass
1**	1523.022	25.91	54.0	28.09	AV	307.00	300	Horizontal	Pass
2	2272.914	44.18	74.0	29.82	Peak	26.00	100	Horizontal	Pass
2**	2272.914	35.79	54.0	18.21	AV	26.00	100	Horizontal	Pass
3	4044.927	44.59	74.0	29.41	Peak	92.00	200	Horizontal	Pass
3**	4044.927	39.76	54.0	14.24	AV	92.00	200	Horizontal	Pass
4	7621.932	55.24	74.0	18.76	Peak	256.00	300	Horizontal	Pass
4**	7621.932	42.33	54.0	11.67	AV	256.00	300	Horizontal	Pass
5	12455.412	55.70	74.0	18.30	Peak	153.00	200	Horizontal	Pass
5**	12455.412	43.54	54.0	10.46	AV	153.00	200	Horizontal	Pass
6	15906.218	51.34	74.0	22.66	Peak	39.00	200	Horizontal	Pass
6**	15906.218	45.96	54.0	8.04	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.883	39.93	74.0	34.07	Peak	17.00	300	Vertical	Pass
1**	1595.883	26.59	54.0	27.41	AV	17.00	300	Vertical	Pass
2	2228.262	41.84	74.0	32.16	Peak	267.00	200	Vertical	Pass
2**	2228.262	31.71	54.0	22.29	AV	267.00	200	Vertical	Pass
3	4257.139	47.01	74.0	26.99	Peak	94.00	200	Vertical	Pass
3**	4257.139	39.53	54.0	14.47	AV	94.00	200	Vertical	Pass
4	7710.067	54.57	74.0	19.43	Peak	221.00	300	Vertical	Pass
4**	7710.067	45.03	54.0	8.97	AV	221.00	300	Vertical	Pass
5	12497.087	52.80	74.0	21.20	Peak	156.00	300	Vertical	Pass
5**	12497.087	41.05	54.0	12.95	AV	156.00	300	Vertical	Pass
6	15668.885	53.28	74.0	20.72	Peak	58.00	200	Vertical	Pass
6**	15668.885	44.66	54.0	9.34	AV	58.00	200	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	1524.464	37.61	74.0	36.39	Peak	208.00	300	Horizontal	Pass
1**	1524.464	31.53	54.0	22.47	AV	208.00	300	Horizontal	Pass
2	2276.548	44.93	74.0	29.07	Peak	283.00	400	Horizontal	Pass
2**	2276.548	35.72	54.0	18.28	AV	283.00	400	Horizontal	Pass
3	4049.087	47.54	74.0	26.46	Peak	225.00	200	Horizontal	Pass
3**	4049.087	35.60	54.0	18.40	AV	225.00	200	Horizontal	Pass
4	7620.403	51.54	74.0	22.46	Peak	162.00	100	Horizontal	Pass
4**	7620.403	41.64	54.0	12.36	AV	162.00	100	Horizontal	Pass
5	12456.659	50.68	74.0	23.32	Peak	185.00	400	Horizontal	Pass
5**	12456.659	41.44	54.0	12.56	AV	185.00	400	Horizontal	Pass
6	15902.705	51.61	74.0	22.39	Peak	174.00	300	Horizontal	Pass
6**	15902.705	44.46	54.0	9.54	AV	174.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.878	37.16	74.0	36.84	Peak	208.00	300	Vertical	Pass
1**	1599.878	23.99	54.0	30.01	AV	208.00	300	Vertical	Pass
2	2229.132	40.04	74.0	33.96	Peak	277.00	300	Vertical	Pass
2**	2229.132	29.27	54.0	24.73	AV	277.00	300	Vertical	Pass
3	4255.486	44.86	74.0	29.14	Peak	204.00	200	Vertical	Pass
3**	4255.486	40.93	54.0	13.07	AV	204.00	200	Vertical	Pass
4	7709.205	56.60	74.0	17.40	Peak	144.00	300	Vertical	Pass
4**	7709.205	42.40	54.0	11.60	AV	144.00	300	Vertical	Pass
5	12494.730	52.01	74.0	21.99	Peak	140.00	400	Vertical	Pass
5**	12494.730	45.27	54.0	8.73	AV	140.00	400	Vertical	Pass
6	15675.229	56.78	74.0	17.22	Peak	63.00	400	Vertical	Pass
6**	15675.229	41.40	54.0	12.60	AV	63.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.036	37.36	74.0	36.64	Peak	188.00	400	Horizontal	Pass
1**	1521.036	28.81	54.0	25.19	AV	188.00	400	Horizontal	Pass
2	4022.297	46.87	74.0	27.13	Peak	284.00	300	Horizontal	Pass
2**	4022.297	37.86	54.0	16.14	AV	284.00	300	Horizontal	Pass
3	7595.626	50.58	74.0	23.42	Peak	84.00	200	Horizontal	Pass
3**	7595.626	41.09	54.0	12.91	AV	84.00	200	Horizontal	Pass
4	12456.451	50.73	74.0	23.27	Peak	18.00	200	Horizontal	Pass
4**	12456.451	47.14	54.0	6.86	AV	18.00	200	Horizontal	Pass
5	16097.512	54.36	74.0	19.64	Peak	191.00	300	Horizontal	Pass
5**	16097.512	46.98	54.0	7.02	AV	191.00	300	Horizontal	Pass
6	17419.939	59.04	74.0	14.96	Peak	85.00	300	Horizontal	Pass
6**	17419.939	45.73	54.0	8.27	AV	85.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.457	43.90	74.0	30.10	Peak	354.00	400	Vertical	Pass
1**	1334.457	33.20	54.0	20.80	AV	354.00	400	Vertical	Pass
2	1438.337	44.73	74.0	29.27	Peak	140.00	100	Vertical	Pass
2**	1438.337	35.06	54.0	18.94	AV	140.00	100	Vertical	Pass
3	4312.179	47.80	74.0	26.20	Peak	66.00	200	Vertical	Pass
3**	4312.179	36.30	54.0	17.70	AV	66.00	200	Vertical	Pass
4	7597.519	54.33	74.0	19.67	Peak	191.00	200	Vertical	Pass
4**	7597.519	46.27	54.0	7.73	AV	191.00	200	Vertical	Pass
5	12535.393	53.19	74.0	20.81	Peak	258.00	200	Vertical	Pass
5**	12535.393	43.85	54.0	10.15	AV	258.00	200	Vertical	Pass
6	15908.937	56.38	74.0	17.62	Peak	251.00	200	Vertical	Pass
6**	15908.937	43.89	54.0	10.11	AV	251.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.619	36.93	74.0	37.07	Peak	265.00	200	Horizontal	Pass
1**	1519.619	28.15	54.0	25.85	AV	265.00	200	Horizontal	Pass
2	4019.074	48.45	74.0	25.55	Peak	127.00	400	Horizontal	Pass
2**	4019.074	33.91	54.0	20.09	AV	127.00	400	Horizontal	Pass
3	7594.516	55.69	74.0	18.31	Peak	133.00	200	Horizontal	Pass
3**	7594.516	44.78	54.0	9.22	AV	133.00	200	Horizontal	Pass
4	12451.942	54.13	74.0	19.87	Peak	262.00	100	Horizontal	Pass
4**	12451.942	43.62	54.0	10.38	AV	262.00	100	Horizontal	Pass
5	16092.646	51.56	74.0	22.44	Peak	293.00	100	Horizontal	Pass
5**	16092.646	43.45	54.0	10.55	AV	293.00	100	Horizontal	Pass
6	17422.567	53.93	74.0	20.07	Peak	85.00	400	Horizontal	Pass
6**	17422.567	44.75	54.0	9.25	AV	85.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.565	46.14	74.0	27.86	Peak	342.00	100	Vertical	Pass
1**	1335.565	31.39	54.0	22.61	AV	342.00	100	Vertical	Pass
2	1442.577	40.77	74.0	33.23	Peak	36.00	200	Vertical	Pass
2**	1442.577	34.45	54.0	19.55	AV	36.00	200	Vertical	Pass
3	4314.024	50.15	74.0	23.85	Peak	217.00	200	Vertical	Pass
3**	4314.024	37.26	54.0	16.74	AV	217.00	200	Vertical	Pass
4	7595.669	54.24	74.0	19.76	Peak	197.00	300	Vertical	Pass
4**	7595.669	43.83	54.0	10.17	AV	197.00	300	Vertical	Pass
5	12532.542	55.42	74.0	18.58	Peak	250.00	400	Vertical	Pass
5**	12532.542	42.14	54.0	11.86	AV	250.00	400	Vertical	Pass
6	15905.965	55.07	74.0	18.93	Peak	45.00	300	Vertical	Pass
6**	15905.965	48.48	54.0	5.52	AV	45.00	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	1524.337	35.25	74.0	38.75	Peak	271.00	100	Horizontal	Pass
1**	1524.337	29.55	54.0	24.45	AV	271.00	100	Horizontal	Pass
2	4017.274	46.04	74.0	27.96	Peak	195.00	300	Horizontal	Pass
2**	4017.274	36.49	54.0	17.51	AV	195.00	300	Horizontal	Pass
3	7600.187	50.41	74.0	23.59	Peak	268.00	200	Horizontal	Pass
3**	7600.187	44.70	54.0	9.30	AV	268.00	200	Horizontal	Pass
4	12454.969	55.92	74.0	18.08	Peak	30.00	400	Horizontal	Pass
4**	12454.969	46.99	54.0	7.01	AV	30.00	400	Horizontal	Pass
5	16098.762	50.53	74.0	23.47	Peak	232.00	400	Horizontal	Pass
5**	16098.762	46.91	54.0	7.09	AV	232.00	400	Horizontal	Pass
6	17417.519	57.31	74.0	16.69	Peak	228.00	100	Horizontal	Pass
6**	17417.519	46.70	54.0	7.30	AV	228.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.331	46.14	74.0	27.86	Peak	307.00	400	Vertical	Pass
1**	1335.331	35.31	54.0	18.69	AV	307.00	400	Vertical	Pass
2	1437.815	40.12	74.0	33.88	Peak	13.00	400	Vertical	Pass
2**	1437.815	39.71	54.0	14.29	AV	13.00	400	Vertical	Pass
3	4312.544	46.53	74.0	27.47	Peak	336.00	200	Vertical	Pass
3**	4312.544	35.78	54.0	18.22	AV	336.00	200	Vertical	Pass
4	7594.751	55.14	74.0	18.86	Peak	43.00	100	Vertical	Pass
4**	7594.751	42.22	54.0	11.78	AV	43.00	100	Vertical	Pass
5	12530.955	51.04	74.0	22.96	Peak	221.00	300	Vertical	Pass
5**	12530.955	46.00	54.0	8.00	AV	221.00	300	Vertical	Pass
6	15908.848	56.02	74.0	17.98	Peak	230.00	200	Vertical	Pass
6**	15908.848	43.06	54.0	10.94	AV	230.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.662	39.04	74.0	34.96	Peak	123.00	300	Horizontal	Pass
1**	1518.662	29.55	54.0	24.45	AV	123.00	300	Horizontal	Pass
2	4017.052	46.90	74.0	27.10	Peak	40.00	300	Horizontal	Pass
2**	4017.052	35.91	54.0	18.09	AV	40.00	300	Horizontal	Pass
3	7596.439	53.49	74.0	20.51	Peak	5.00	200	Horizontal	Pass
3**	7596.439	44.23	54.0	9.77	AV	5.00	200	Horizontal	Pass
4	12458.997	55.48	74.0	18.52	Peak	111.00	300	Horizontal	Pass
4**	12458.997	42.04	54.0	11.96	AV	111.00	300	Horizontal	Pass
5	16098.103	53.49	74.0	20.51	Peak	156.00	300	Horizontal	Pass
5**	16098.103	46.30	54.0	7.70	AV	156.00	300	Horizontal	Pass
6	17421.486	54.65	74.0	19.35	Peak	156.00	200	Horizontal	Pass
6**	17421.486	47.84	54.0	6.16	AV	156.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.387	46.47	74.0	27.53	Peak	132.00	200	Vertical	Pass
1**	1334.387	33.35	54.0	20.65	AV	132.00	200	Vertical	Pass
2	1438.933	39.11	74.0	34.89	Peak	346.00	100	Vertical	Pass
2**	1438.933	37.99	54.0	16.01	AV	346.00	100	Vertical	Pass
3	4314.260	46.29	74.0	27.71	Peak	233.00	200	Vertical	Pass
3**	4314.260	38.23	54.0	15.77	AV	233.00	200	Vertical	Pass
4	7590.268	54.72	74.0	19.28	Peak	360.00	200	Vertical	Pass
4**	7590.268	43.42	54.0	10.58	AV	360.00	200	Vertical	Pass
5	12537.050	56.25	74.0	17.75	Peak	32.00	200	Vertical	Pass
5**	12537.050	41.07	54.0	12.93	AV	32.00	200	Vertical	Pass
6	15907.829	55.38	74.0	18.62	Peak	41.00	300	Vertical	Pass
6**	15907.829	44.21	54.0	9.79	AV	41.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.706	35.92	74.0	38.08	Peak	174.00	400	Horizontal	Pass
1**	1524.706	30.76	54.0	23.24	AV	174.00	400	Horizontal	Pass
2	4021.828	47.84	74.0	26.16	Peak	312.00	300	Horizontal	Pass
2**	4021.828	37.05	54.0	16.95	AV	312.00	300	Horizontal	Pass
3	7597.422	55.78	74.0	18.22	Peak	80.00	200	Horizontal	Pass
3**	7597.422	41.85	54.0	12.15	AV	80.00	200	Horizontal	Pass
4	12457.238	54.66	74.0	19.34	Peak	286.00	300	Horizontal	Pass
4**	12457.238	45.69	54.0	8.31	AV	286.00	300	Horizontal	Pass
5	16098.166	53.16	74.0	20.84	Peak	169.00	200	Horizontal	Pass
5**	16098.166	42.71	54.0	11.29	AV	169.00	200	Horizontal	Pass
6	17417.604	58.98	74.0	15.02	Peak	279.00	300	Horizontal	Pass
6**	17417.604	49.77	54.0	4.23	AV	279.00	300	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	1337.351	44.58	74.0	29.42	Peak	130.00	400	Vertical	Pass
1**	1337.351	33.40	54.0	20.60	AV	130.00	400	Vertical	Pass
2	1437.671	44.93	74.0	29.07	Peak	254.00	400	Vertical	Pass
2**	1437.671	37.83	54.0	16.17	AV	254.00	400	Vertical	Pass
3	4313.800	49.93	74.0	24.07	Peak	82.00	200	Vertical	Pass
3**	4313.800	35.74	54.0	18.26	AV	82.00	200	Vertical	Pass
4	7591.390	54.47	74.0	19.53	Peak	157.00	300	Vertical	Pass
4**	7591.390	41.32	54.0	12.68	AV	157.00	300	Vertical	Pass
5	12534.936	55.96	74.0	18.04	Peak	327.00	100	Vertical	Pass
5**	12534.936	45.43	54.0	8.57	AV	327.00	100	Vertical	Pass
6	15907.329	54.58	74.0	19.42	Peak	96.00	400	Vertical	Pass
6**	15907.329	45.52	54.0	8.48	AV	96.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.200	35.49	74.0	38.51	Peak	140.00	100	Horizontal	Pass
1**	1521.200	30.15	54.0	23.85	AV	140.00	100	Horizontal	Pass
2	4018.234	46.58	74.0	27.42	Peak	229.00	200	Horizontal	Pass
2**	4018.234	34.63	54.0	19.37	AV	229.00	200	Horizontal	Pass
3	7601.379	53.55	74.0	20.45	Peak	151.00	200	Horizontal	Pass
3**	7601.379	40.60	54.0	13.40	AV	151.00	200	Horizontal	Pass
4	12454.719	55.42	74.0	18.58	Peak	139.00	400	Horizontal	Pass
4**	12454.719	43.75	54.0	10.25	AV	139.00	400	Horizontal	Pass
5	16097.001	51.29	74.0	22.71	Peak	19.00	200	Horizontal	Pass
5**	16097.001	47.38	54.0	6.62	AV	19.00	200	Horizontal	Pass
6	17418.047	55.07	74.0	18.93	Peak	15.00	300	Horizontal	Pass
6**	17418.047	48.53	54.0	5.47	AV	15.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.750	47.18	74.0	26.82	Peak	304.00	100	Vertical	Pass
1**	1334.750	33.33	54.0	20.67	AV	304.00	100	Vertical	Pass
2	1438.281	40.10	74.0	33.90	Peak	33.00	300	Vertical	Pass
2**	1438.281	36.57	54.0	17.43	AV	33.00	300	Vertical	Pass
3	4310.979	50.16	74.0	23.84	Peak	65.00	200	Vertical	Pass
3**	4310.979	39.12	54.0	14.88	AV	65.00	200	Vertical	Pass
4	7590.648	51.42	74.0	22.58	Peak	259.00	300	Vertical	Pass
4**	7590.648	41.12	54.0	12.88	AV	259.00	300	Vertical	Pass
5	12532.609	51.30	74.0	22.70	Peak	221.00	400	Vertical	Pass
5**	12532.609	43.93	54.0	10.07	AV	221.00	400	Vertical	Pass
6	15906.361	55.12	74.0	18.88	Peak	43.00	100	Vertical	Pass
6**	15906.361	45.92	54.0	8.08	AV	43.00	100	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	1517.215	36.48	74.0	37.52	Peak	56.00	100	Horizontal	Pass
1**	1517.215	29.41	54.0	24.59	AV	56.00	100	Horizontal	Pass
2	4019.646	47.04	74.0	26.96	Peak	198.00	100	Horizontal	Pass
2**	4019.646	35.69	54.0	18.31	AV	198.00	100	Horizontal	Pass
3	7600.624	51.99	74.0	22.01	Peak	112.00	200	Horizontal	Pass
3**	7600.624	43.19	54.0	10.81	AV	112.00	200	Horizontal	Pass
4	12453.220	54.43	74.0	19.57	Peak	180.00	300	Horizontal	Pass
4**	12453.220	46.05	54.0	7.95	AV	180.00	300	Horizontal	Pass
5	16097.318	55.13	74.0	18.87	Peak	84.00	200	Horizontal	Pass
5**	16097.318	43.01	54.0	10.99	AV	84.00	200	Horizontal	Pass
6	17423.295	58.08	74.0	15.92	Peak	104.00	300	Horizontal	Pass
6**	17423.295	46.44	54.0	7.56	AV	104.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.915	41.93	74.0	32.07	Peak	114.00	300	Vertical	Pass
1**	1332.915	31.37	54.0	22.63	AV	114.00	300	Vertical	Pass
2	1439.819	39.30	74.0	34.70	Peak	59.00	100	Vertical	Pass
2**	1439.819	39.16	54.0	14.84	AV	59.00	100	Vertical	Pass
3	4314.539	45.50	74.0	28.50	Peak	187.00	200	Vertical	Pass
3**	4314.539	41.26	54.0	12.74	AV	187.00	200	Vertical	Pass
4	7597.308	52.18	74.0	21.82	Peak	238.00	300	Vertical	Pass
4**	7597.308	40.81	54.0	13.19	AV	238.00	300	Vertical	Pass
5	12536.970	53.57	74.0	20.43	Peak	198.00	100	Vertical	Pass
5**	12536.970	43.95	54.0	10.05	AV	198.00	100	Vertical	Pass
6	15906.524	57.25	74.0	16.75	Peak	317.00	400	Vertical	Pass
6**	15906.524	43.68	54.0	10.32	AV	317.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.881	40.63	74.0	33.37	Peak	140.00	300	Horizontal	Pass
1**	1517.881	28.13	54.0	25.87	AV	140.00	300	Horizontal	Pass
2	4017.267	48.69	74.0	25.31	Peak	346.00	100	Horizontal	Pass
2**	4017.267	37.57	54.0	16.43	AV	346.00	100	Horizontal	Pass
3	7594.722	54.75	74.0	19.25	Peak	359.00	200	Horizontal	Pass
3**	7594.722	42.55	54.0	11.45	AV	359.00	200	Horizontal	Pass
4	12453.551	56.42	74.0	17.58	Peak	246.00	100	Horizontal	Pass
4**	12453.551	46.36	54.0	7.64	AV	246.00	100	Horizontal	Pass
5	16094.885	54.54	74.0	19.46	Peak	38.00	100	Horizontal	Pass
5**	16094.885	45.34	54.0	8.66	AV	38.00	100	Horizontal	Pass
6	17417.944	53.55	74.0	20.45	Peak	6.00	100	Horizontal	Pass
6**	17417.944	45.86	54.0	8.14	AV	6.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.144	45.07	74.0	28.93	Peak	122.00	300	Vertical	Pass
1**	1330.144	31.88	54.0	22.12	AV	122.00	300	Vertical	Pass
2	1443.080	42.33	74.0	31.67	Peak	124.00	100	Vertical	Pass
2**	1443.080	36.98	54.0	17.02	AV	124.00	100	Vertical	Pass
3	4308.892	50.16	74.0	23.84	Peak	98.00	200	Vertical	Pass
3**	4308.892	38.83	54.0	15.17	AV	98.00	200	Vertical	Pass
4	7593.478	54.06	74.0	19.94	Peak	100.00	400	Vertical	Pass
4**	7593.478	42.89	54.0	11.11	AV	100.00	400	Vertical	Pass
5	12533.921	52.72	74.0	21.28	Peak	171.00	300	Vertical	Pass
5**	12533.921	43.04	54.0	10.96	AV	171.00	300	Vertical	Pass
6	15905.836	52.57	74.0	21.43	Peak	174.00	200	Vertical	Pass
6**	15905.836	46.86	54.0	7.14	AV	174.00	200	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	1524.796	36.11	74.0	37.89	Peak	94.00	300	Horizontal	Pass
1**	1524.796	27.27	54.0	26.73	AV	94.00	300	Horizontal	Pass
2	4021.975	45.57	74.0	28.43	Peak	96.00	100	Horizontal	Pass
2**	4021.975	35.14	54.0	18.86	AV	96.00	100	Horizontal	Pass
3	7595.303	51.25	74.0	22.75	Peak	350.00	200	Horizontal	Pass
3**	7595.303	41.68	54.0	12.32	AV	350.00	200	Horizontal	Pass
4	12451.886	55.44	74.0	18.56	Peak	265.00	400	Horizontal	Pass
4**	12451.886	44.74	54.0	9.26	AV	265.00	400	Horizontal	Pass
5	16095.816	50.92	74.0	23.08	Peak	256.00	400	Horizontal	Pass
5**	16095.816	42.25	54.0	11.75	AV	256.00	400	Horizontal	Pass
6	17420.589	58.87	74.0	15.13	Peak	291.00	300	Horizontal	Pass
6**	17420.589	46.30	54.0	7.70	AV	291.00	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	1331.530	42.70	74.0	31.30	Peak	306.00	100	Vertical	Pass
1**	1331.530	31.86	54.0	22.14	AV	306.00	100	Vertical	Pass
2	1439.471	42.69	74.0	31.31	Peak	158.00	300	Vertical	Pass
2**	1439.471	35.99	54.0	18.01	AV	158.00	300	Vertical	Pass
3	4308.063	46.01	74.0	27.99	Peak	281.00	200	Vertical	Pass
3**	4308.063	37.78	54.0	16.22	AV	281.00	200	Vertical	Pass
4	7594.920	55.33	74.0	18.67	Peak	118.00	200	Vertical	Pass
4**	7594.920	43.88	54.0	10.12	AV	118.00	200	Vertical	Pass
5	12533.776	52.86	74.0	21.14	Peak	356.00	400	Vertical	Pass
5**	12533.776	43.16	54.0	10.84	AV	356.00	400	Vertical	Pass
6	15906.127	55.94	74.0	18.06	Peak	229.00	400	Vertical	Pass
6**	15906.127	47.33	54.0	6.67	AV	229.00	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	1524.911	38.12	74.0	35.88	Peak	55.00	400	Horizontal	Pass
1**	1524.911	27.60	54.0	26.40	AV	55.00	400	Horizontal	Pass
2	4021.504	45.92	74.0	28.08	Peak	219.00	100	Horizontal	Pass
2**	4021.504	38.22	54.0	15.78	AV	219.00	100	Horizontal	Pass
3	7600.688	54.23	74.0	19.77	Peak	346.00	200	Horizontal	Pass
3**	7600.688	41.16	54.0	12.84	AV	346.00	200	Horizontal	Pass
4	12453.341	55.61	74.0	18.39	Peak	70.00	200	Horizontal	Pass
4**	12453.341	46.82	54.0	7.18	AV	70.00	200	Horizontal	Pass
5	16092.829	51.93	74.0	22.07	Peak	350.00	400	Horizontal	Pass
5**	16092.829	46.72	54.0	7.28	AV	350.00	400	Horizontal	Pass
6	17420.231	55.36	74.0	18.64	Peak	50.00	200	Horizontal	Pass
6**	17420.231	45.77	54.0	8.23	AV	50.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.917	41.91	74.0	32.09	Peak	76.00	300	Vertical	Pass
1**	1330.917	36.48	54.0	17.52	AV	76.00	300	Vertical	Pass
2	1436.449	40.38	74.0	33.62	Peak	155.00	300	Vertical	Pass
2**	1436.449	39.65	54.0	14.35	AV	155.00	300	Vertical	Pass
3	4313.460	49.56	74.0	24.44	Peak	302.00	200	Vertical	Pass
3**	4313.460	36.67	54.0	17.33	AV	302.00	200	Vertical	Pass
4	7592.500	50.66	74.0	23.34	Peak	77.00	100	Vertical	Pass
4**	7592.500	41.38	54.0	12.62	AV	77.00	100	Vertical	Pass
5	12532.312	50.75	74.0	23.25	Peak	144.00	200	Vertical	Pass
5**	12532.312	41.89	54.0	12.11	AV	144.00	200	Vertical	Pass
6	15907.271	54.74	74.0	19.26	Peak	63.00	200	Vertical	Pass
6**	15907.271	43.86	54.0	10.14	AV	63.00	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	1517.565	39.67	74.0	34.33	Peak	115.00	300	Horizontal	Pass
1**	1517.565	29.35	54.0	24.65	AV	115.00	300	Horizontal	Pass
2	4019.476	46.84	74.0	27.16	Peak	4.00	100	Horizontal	Pass
2**	4019.476	35.76	54.0	18.24	AV	4.00	100	Horizontal	Pass
3	7600.059	51.78	74.0	22.22	Peak	325.00	200	Horizontal	Pass
3**	7600.059	41.64	54.0	12.36	AV	325.00	200	Horizontal	Pass
4	12453.741	55.99	74.0	18.01	Peak	258.00	300	Horizontal	Pass
4**	12453.741	44.61	54.0	9.39	AV	258.00	300	Horizontal	Pass
5	16093.813	52.02	74.0	21.98	Peak	60.00	400	Horizontal	Pass
5**	16093.813	41.82	54.0	12.18	AV	60.00	400	Horizontal	Pass
6	17422.596	55.01	74.0	18.99	Peak	84.00	100	Horizontal	Pass
6**	17422.596	48.65	54.0	5.35	AV	84.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.323	41.90	74.0	32.10	Peak	55.00	200	Vertical	Pass
1**	1330.323	32.70	54.0	21.30	AV	55.00	200	Vertical	Pass
2	1438.702	40.80	74.0	33.20	Peak	163.00	200	Vertical	Pass
2**	1438.702	35.30	54.0	18.70	AV	163.00	200	Vertical	Pass
3	4314.607	44.73	74.0	29.27	Peak	39.00	200	Vertical	Pass
3**	4314.607	36.57	54.0	17.43	AV	39.00	200	Vertical	Pass
4	7595.385	54.28	74.0	19.72	Peak	89.00	300	Vertical	Pass
4**	7595.385	45.44	54.0	8.56	AV	89.00	300	Vertical	Pass
5	12531.841	53.59	74.0	20.41	Peak	306.00	100	Vertical	Pass
5**	12531.841	42.72	54.0	11.28	AV	306.00	100	Vertical	Pass
6	15904.434	52.27	74.0	21.73	Peak	160.00	400	Vertical	Pass
6**	15904.434	47.39	54.0	6.61	AV	160.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.967	39.08	74.0	34.92	Peak	144.00	300	Horizontal	Pass
1**	1520.967	29.31	54.0	24.69	AV	144.00	300	Horizontal	Pass
2	4022.972	49.83	74.0	24.17	Peak	136.00	400	Horizontal	Pass
2**	4022.972	38.67	54.0	15.33	AV	136.00	400	Horizontal	Pass
3	7595.958	51.28	74.0	22.72	Peak	316.00	200	Horizontal	Pass
3**	7595.958	41.96	54.0	12.04	AV	316.00	200	Horizontal	Pass
4	12456.267	55.20	74.0	18.80	Peak	160.00	100	Horizontal	Pass
4**	12456.267	45.96	54.0	8.04	AV	160.00	100	Horizontal	Pass
5	16098.474	51.62	74.0	22.38	Peak	229.00	300	Horizontal	Pass
5**	16098.474	42.78	54.0	11.22	AV	229.00	300	Horizontal	Pass
6	17418.248	54.96	74.0	19.04	Peak	4.00	400	Horizontal	Pass
6**	17418.248	49.42	54.0	4.58	AV	4.00	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	1334.037	45.96	74.0	28.04	Peak	267.00	200	Vertical	Pass
1**	1334.037	33.72	54.0	20.28	AV	267.00	200	Vertical	Pass
2	1439.274	44.74	74.0	29.26	Peak	193.00	100	Vertical	Pass
2**	1439.274	34.90	54.0	19.10	AV	193.00	100	Vertical	Pass
3	4307.412	47.03	74.0	26.97	Peak	138.00	200	Vertical	Pass
3**	4307.412	38.40	54.0	15.60	AV	138.00	200	Vertical	Pass
4	7596.570	51.40	74.0	22.60	Peak	23.00	300	Vertical	Pass
4**	7596.570	41.07	54.0	12.93	AV	23.00	300	Vertical	Pass
5	12537.579	55.08	74.0	18.92	Peak	204.00	300	Vertical	Pass
5**	12537.579	43.99	54.0	10.01	AV	204.00	300	Vertical	Pass
6	15908.211	55.68	74.0	18.32	Peak	316.00	200	Vertical	Pass
6**	15908.211	43.83	54.0	10.17	AV	316.00	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	1520.211	39.36	74.0	34.64	Peak	7.00	100	Horizontal	Pass
1**	1520.211	27.10	54.0	26.90	AV	7.00	100	Horizontal	Pass
2	4022.831	48.05	74.0	25.95	Peak	12.00	400	Horizontal	Pass
2**	4022.831	37.75	54.0	16.25	AV	12.00	400	Horizontal	Pass
3	7598.751	53.12	74.0	20.88	Peak	61.00	200	Horizontal	Pass
3**	7598.751	45.76	54.0	8.24	AV	61.00	200	Horizontal	Pass
4	12454.248	50.78	74.0	23.22	Peak	222.00	200	Horizontal	Pass
4**	12454.248	43.69	54.0	10.31	AV	222.00	200	Horizontal	Pass
5	16091.624	51.23	74.0	22.77	Peak	144.00	300	Horizontal	Pass
5**	16091.624	42.10	54.0	11.90	AV	144.00	300	Horizontal	Pass
6	17417.907	58.73	74.0	15.27	Peak	334.00	300	Horizontal	Pass
6**	17417.907	45.15	54.0	8.85	AV	334.00	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	1334.948	41.62	74.0	32.38	Peak	76.00	400	Vertical	Pass
1**	1334.948	31.93	54.0	22.07	AV	76.00	400	Vertical	Pass
2	1442.478	42.53	74.0	31.47	Peak	99.00	200	Vertical	Pass
2**	1442.478	36.38	54.0	17.62	AV	99.00	200	Vertical	Pass
3	4309.427	46.41	74.0	27.59	Peak	11.00	200	Vertical	Pass
3**	4309.427	35.85	54.0	18.15	AV	11.00	200	Vertical	Pass
4	7597.089	51.05	74.0	22.95	Peak	88.00	400	Vertical	Pass
4**	7597.089	44.10	54.0	9.90	AV	88.00	400	Vertical	Pass
5	12537.790	54.23	74.0	19.77	Peak	291.00	400	Vertical	Pass
5**	12537.790	42.28	54.0	11.72	AV	291.00	400	Vertical	Pass
6	15904.112	55.99	74.0	18.01	Peak	275.00	400	Vertical	Pass
6**	15904.112	47.45	54.0	6.55	AV	275.00	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	1517.828	39.68	74.0	34.32	Peak	182.00	400	Horizontal	Pass
1**	1517.828	31.87	54.0	22.13	AV	182.00	400	Horizontal	Pass
2	4023.625	47.83	74.0	26.17	Peak	134.00	400	Horizontal	Pass
2**	4023.625	39.05	54.0	14.95	AV	134.00	400	Horizontal	Pass
3	7595.119	52.25	74.0	21.75	Peak	238.00	200	Horizontal	Pass
3**	7595.119	45.10	54.0	8.90	AV	238.00	200	Horizontal	Pass
4	12458.811	53.95	74.0	20.05	Peak	317.00	300	Horizontal	Pass
4**	12458.811	46.91	54.0	7.09	AV	317.00	300	Horizontal	Pass
5	16091.573	51.45	74.0	22.55	Peak	216.00	200	Horizontal	Pass
5**	16091.573	44.38	54.0	9.62	AV	216.00	200	Horizontal	Pass
6	17421.114	53.93	74.0	20.07	Peak	127.00	200	Horizontal	Pass
6**	17421.114	45.38	54.0	8.62	AV	127.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.409	42.28	74.0	31.72	Peak	280.00	400	Vertical	Pass
1**	1335.409	32.41	54.0	21.59	AV	280.00	400	Vertical	Pass
2	1443.181	44.46	74.0	29.54	Peak	61.00	100	Vertical	Pass
2**	1443.181	34.28	54.0	19.72	AV	61.00	100	Vertical	Pass
3	4309.783	44.56	74.0	29.44	Peak	296.00	200	Vertical	Pass
3**	4309.783	38.26	54.0	15.74	AV	296.00	200	Vertical	Pass
4	7592.783	53.36	74.0	20.64	Peak	169.00	200	Vertical	Pass
4**	7592.783	43.02	54.0	10.98	AV	169.00	200	Vertical	Pass
5	12535.967	54.29	74.0	19.71	Peak	3.00	400	Vertical	Pass
5**	12535.967	41.68	54.0	12.32	AV	3.00	400	Vertical	Pass
6	15905.519	55.03	74.0	18.97	Peak	217.00	300	Vertical	Pass
6**	15905.519	46.77	54.0	7.23	AV	217.00	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

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

Test Data and Plots

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.607	55.28	74.0	18.72	Peak	199.00	200	Horizontal	Pass
1**	5076.607	42.56	54.0	11.44	AV	199.00	200	Horizontal	Pass
2	5150.000	52.33	74.0	21.67	Peak	281.00	300	Horizontal	Pass
2**	5150.000	43.65	54.0	10.35	AV	281.00	300	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.44	74.0	20.56	Peak	191.00	200	Horizontal	Pass
1**	5350.000	43.96	54.0	10.04	AV	191.00	200	Horizontal	Pass
2	5422.810	56.46	74.0	17.54	Peak	87.00	100	Horizontal	Pass
2**	5422.810	44.19	54.0	9.81	AV	87.00	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	5075.616	57.76	74.0	16.24	Peak	327.00	300	Horizontal	Pass
1**	5075.616	46.21	54.0	7.79	AV	327.00	300	Horizontal	Pass
2	5150.000	54	74.0	20.00	Peak	292.00	300	Horizontal	Pass
2**	5150.000	43.74	54.0	10.26	AV	292.00	300	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.53	74.0	18.47	Peak	25.00	300	Horizontal	Pass
1**	5350.000	42.52	54.0	11.48	AV	25.00	300	Horizontal	Pass
2	5423.205	57.66	74.0	16.34	Peak	8.00	200	Horizontal	Pass
2**	5423.205	43.2	54.0	10.80	AV	8.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.104	54.15	74.0	19.85	Peak	169.00	100	Horizontal	Pass
1**	5076.104	44.92	54.0	9.08	AV	169.00	100	Horizontal	Pass
2	5150.000	52.82	74.0	21.18	Peak	260.00	200	Horizontal	Pass
2**	5150.000	43.82	54.0	10.18	AV	260.00	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	53.13	74.0	20.87	Peak	297.00	200	Horizontal	Pass
1**	5350.000	43.73	54.0	10.27	AV	297.00	200	Horizontal	Pass
2	5422.370	55	74.0	19.00	Peak	170.00	100	Horizontal	Pass
2**	5422.370	46.98	54.0	7.02	AV	170.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.551	54.93	74.0	19.07	Peak	277.00	200	Horizontal	Pass
1**	5076.551	43.93	54.0	10.07	AV	277.00	200	Horizontal	Pass
2	5150.000	55.53	74.0	18.47	Peak	291.00	100	Horizontal	Pass
2**	5150.000	44.75	54.0	9.25	AV	291.00	100	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	56.5	74.0	17.50	Peak	153.00	100	Horizontal	Pass
1**	5350.000	42.36	54.0	11.64	AV	153.00	100	Horizontal	Pass
2	5423.288	56.92	74.0	17.08	Peak	338.00	100	Horizontal	Pass
2**	5423.288	43.73	54.0	10.27	AV	338.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.503	55.54	74.0	18.46	Peak	58.00	200	Horizontal	Pass
1**	5077.503	45.36	54.0	8.64	AV	58.00	200	Horizontal	Pass
2	5150.000	55.38	74.0	18.62	Peak	140.00	300	Horizontal	Pass
2**	5150.000	45.49	54.0	8.51	AV	140.00	300	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.45	74.0	19.55	Peak	280.00	300	Horizontal	Pass
1**	5350.000	43.45	54.0	10.55	AV	280.00	300	Horizontal	Pass
2	5422.301	58.39	74.0	15.61	Peak	11.00	100	Horizontal	Pass
2**	5422.301	43.47	54.0	10.53	AV	11.00	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	5075.968	54.61	74.0	19.39	Peak	82.00	100	Horizontal	Pass
1**	5075.968	46.49	54.0	7.51	AV	82.00	100	Horizontal	Pass
2	5150.000	54.12	74.0	19.88	Peak	269.00	100	Horizontal	Pass
2**	5150.000	44.24	54.0	9.76	AV	269.00	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	52.81	74.0	21.19	Peak	85.00	200	Horizontal	Pass
1**	5350.000	45.83	54.0	8.17	AV	85.00	200	Horizontal	Pass
2	5422.527	55.63	74.0	18.37	Peak	296.00	200	Horizontal	Pass
2**	5422.527	44.31	54.0	9.69	AV	296.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.352	54.41	74.0	19.59	Peak	110.00	100	Horizontal	Pass
1**	4997.352	44.05	54.0	9.95	AV	110.00	100	Horizontal	Pass
2	5150.000	52.64	74.0	21.36	Peak	327.00	100	Horizontal	Pass
2**	5150.000	43.98	54.0	10.02	AV	327.00	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	55.16	74.0	18.84	Peak	22.00	200	Horizontal	Pass
1**	5350.000	42.85	54.0	11.15	AV	22.00	200	Horizontal	Pass
2	5459.293	58.77	74.0	15.23	Peak	245.00	200	Horizontal	Pass
2**	5459.293	43.88	54.0	10.12	AV	245.00	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	4997.946	57.6	74.0	16.40	Peak	124.00	100	Horizontal	Pass
1**	4997.946	43.44	54.0	10.56	AV	124.00	100	Horizontal	Pass
2	5150.000	51.95	74.0	22.05	Peak	339.00	200	Horizontal	Pass
2**	5150.000	43.61	54.0	10.39	AV	339.00	200	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	54.21	74.0	19.79	Peak	238.00	200	Horizontal	Pass
1**	5350.000	44.64	54.0	9.36	AV	238.00	200	Horizontal	Pass
2	5462.117	59.13	74.0	14.87	Peak	250.00	300	Horizontal	Pass
2**	5462.117	44.26	54.0	9.74	AV	250.00	300	Horizontal	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.378	56.63	74.0	17.37	Peak	352.00	300	Horizontal	Pass
1**	4996.378	42.78	54.0	11.22	AV	352.00	300	Horizontal	Pass
2	5150.000	53.18	74.0	20.82	Peak	33.00	300	Horizontal	Pass
2**	5150.000	46.21	54.0	7.79	AV	33.00	300	Horizontal	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.07	74.0	18.93	Peak	318.00	200	Horizontal	Pass
1**	5350.000	43.42	54.0	10.58	AV	318.00	200	Horizontal	Pass
2	5461.490	57.97	74.0	16.03	Peak	269.00	300	Horizontal	Pass
2**	5461.490	45.36	54.0	8.64	AV	269.00	300	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	4998.705	56.32	74.0	17.68	Peak	71.00	300	Horizontal	Pass
1**	4998.705	46.02	54.0	7.98	AV	71.00	300	Horizontal	Pass
2	5150.000	52.27	74.0	21.73	Peak	339.00	200	Horizontal	Pass
2**	5150.000	44.53	54.0	9.47	AV	339.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.41	74.0	19.59	Peak	69.00	300	Horizontal	Pass
1**	5350.000	45.12	54.0	8.88	AV	69.00	300	Horizontal	Pass
2	5460.854	59.23	74.0	14.77	Peak	126.00	100	Horizontal	Pass
2**	5460.854	45.87	54.0	8.13	AV	126.00	100	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	4998.112	57.64	74.0	16.36	Peak	212.00	300	Horizontal	Pass
1**	4998.112	45.65	54.0	8.35	AV	212.00	300	Horizontal	Pass
2	5150.000	54.3	74.0	19.70	Peak	283.00	100	Horizontal	Pass
2**	5150.000	45.63	54.0	8.37	AV	283.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.17	74.0	20.83	Peak	314.00	100	Horizontal	Pass
1**	5350.000	46.65	54.0	7.35	AV	314.00	100	Horizontal	Pass
2	5459.282	58.03	74.0	15.97	Peak	68.00	100	Horizontal	Pass
2**	5459.282	43.37	54.0	10.63	AV	68.00	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	4997.587	55.38	74.0	18.62	Peak	281.00	200	Horizontal	Pass
1**	4997.587	45.82	54.0	8.18	AV	281.00	200	Horizontal	Pass
2	5150.000	54.42	74.0	19.58	Peak	13.00	200	Horizontal	Pass
2**	5150.000	44.12	54.0	9.88	AV	13.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.92	74.0	19.08	Peak	286.00	100	Horizontal	Pass
1**	5350.000	44.85	54.0	9.15	AV	286.00	100	Horizontal	Pass
2	5460.127	59.25	74.0	14.75	Peak	287.00	200	Horizontal	Pass
2**	5460.127	45.19	54.0	8.81	AV	287.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.835	57.49	74.0	16.51	Peak	165.00	300	Horizontal	Pass
1**	5412.286	43.19	54.0	10.81	AV	165.00	300	Horizontal	Pass
2	5460.000	55.24	74.0	18.76	Peak	134.00	200	Horizontal	Pass
2**	5460.000	44.56	54.0	9.44	AV	134.00	200	Horizontal	Pass
3	5467.258	55.49	68.2	12.71	Peak	124.00	200	Horizontal	Pass
3**	5467.085	46.49	--	--	AV	124.00	200	Horizontal	N/A
4	5470.000	54.84	68.2	13.36	Peak	293.00	200	Horizontal	Pass
4**	5470.000	44.4	--	--	AV	293.00	200	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.48	68.2	12.72	Peak	61.00	100	Horizontal	Pass
2	5774.977	57.55	68.2	10.65	Peak	260.00	300	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.848	58.55	74.0	15.45	Peak	335.00	100	Horizontal	Pass
1**	5413.385	45.91	54.0	8.09	AV	335.00	100	Horizontal	Pass
2	5460.000	55.15	74.0	18.85	Peak	259.00	300	Horizontal	Pass
2**	5460.000	44.46	54.0	9.54	AV	259.00	300	Horizontal	Pass
3	5467.826	55.62	68.2	12.58	Peak	37.00	200	Horizontal	Pass
3**	5468.243	44.58	--	--	AV	37.00	200	Horizontal	N/A
4	5470.000	53.07	68.2	15.13	Peak	269.00	100	Horizontal	Pass
4**	5470.000	46.43	--	--	AV	269.00	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	54.29	68.2	13.91	Peak	34.00	100	Horizontal	Pass
2	5777.099	57.42	68.2	10.78	Peak	87.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.020	57.37	74.0	16.63	Peak	206.00	300	Horizontal	Pass
1**	5411.460	44.51	54.0	9.49	AV	206.00	300	Horizontal	Pass
2	5460.000	57.6	74.0	16.40	Peak	232.00	300	Horizontal	Pass
2**	5460.000	47.06	54.0	6.94	AV	232.00	300	Horizontal	Pass
3	5466.007	57.85	68.2	10.35	Peak	310.00	200	Horizontal	Pass
3**	5466.642	46.28	--	--	AV	310.00	200	Horizontal	N/A
4	5470.000	54.05	68.2	14.15	Peak	47.00	300	Horizontal	Pass
4**	5470.000	45.29	--	--	AV	47.00	300	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.73	68.2	11.47	Peak	9.00	300	Horizontal	Pass
2	5776.143	58.03	68.2	10.17	Peak	242.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5410.924	55.14	74.0	18.86	Peak	28.00	300	Horizontal	Pass
1**	5412.157	46.12	54.0	7.88	AV	28.00	300	Horizontal	Pass
2	5460.000	54.64	74.0	19.36	Peak	3.00	200	Horizontal	Pass
2**	5460.000	44.75	54.0	9.25	AV	3.00	200	Horizontal	Pass
3	5466.353	56.18	68.2	12.02	Peak	304.00	100	Horizontal	Pass
3**	5468.355	45.17	--	--	AV	304.00	100	Horizontal	N/A
4	5470.000	55.62	68.2	12.58	Peak	322.00	200	Horizontal	Pass
4**	5470.000	47.04	--	--	AV	322.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.82	68.2	11.38	Peak	357.00	100	Horizontal	Pass
2	5777.830	57.77	68.2	10.43	Peak	320.00	300	Horizontal	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5413.152	55.24	74.0	18.76	Peak	189.00	200	Horizontal	Pass
1**	5411.023	44.65	54.0	9.35	AV	189.00	200	Horizontal	Pass
2	5460.000	56.33	74.0	17.67	Peak	13.00	100	Horizontal	Pass
2**	5460.000	45.46	54.0	8.54	AV	13.00	100	Horizontal	Pass
3	5468.095	54.78	68.2	13.42	Peak	310.00	300	Horizontal	Pass
3**	5466.766	46.23	--	--	AV	310.00	300	Horizontal	N/A
4	5470.000	54.94	68.2	13.26	Peak	350.00	100	Horizontal	Pass
4**	5470.000	43.98	--	--	AV	350.00	100	Horizontal	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.93	68.2	13.27	Peak	121.00	200	Horizontal	Pass
2	5776.587	57.7	68.2	10.50	Peak	197.00	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	5411.720	57.01	74.0	16.99	Peak	262.00	300	Horizontal	Pass
1**	5411.561	44.4	54.0	9.60	AV	262.00	300	Horizontal	Pass
2	5460.000	54.36	74.0	19.64	Peak	223.00	100	Horizontal	Pass
2**	5460.000	47.71	54.0	6.29	AV	223.00	100	Horizontal	Pass
3	5467.700	58.3	68.2	9.90	Peak	19.00	200	Horizontal	Pass
3**	5468.516	47.38	--	--	AV	19.00	200	Horizontal	N/A
4	5470.000	56.11	68.2	12.09	Peak	30.00	200	Horizontal	Pass
4**	5470.000	47.73	--	--	AV	30.00	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	53.3	68.2	14.90	Peak	237.00	200	Horizontal	Pass
2	5777.176	56.35	68.2	11.85	Peak	249.00	200	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.674	57.07	68.2	11.13	Peak	346.00	100	Horizontal	Pass
2	5650.000	53.84	68.2	14.36	Peak	346.00	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	5725.000	55.2	68.2	13.00	Peak	84.00	100	Horizontal	Pass
2	5944.219	56.63	68.2	11.57	Peak	349.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.886	61.1	68.2	7.10	Peak	296.00	200	Horizontal	Pass
2	5650.000	54.3	68.2	13.90	Peak	296.00	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	5725.000	56.31	68.2	11.89	Peak	302.00	100	Horizontal	Pass
2	5727.305	61.5	68.2	6.70	Peak	207.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.130	60.35	68.2	7.85	Peak	178.00	200	Horizontal	Pass
2	5650.000	54.41	68.2	13.79	Peak	178.00	200	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	5725.000	54.06	68.2	14.14	Peak	182.00	200	Horizontal	Pass
2	5728.515	62.58	68.2	5.62	Peak	185.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.45	68.2	13.75	Peak	63.00	100	Horizontal	Pass
2	5729.062	61.74	68.2	6.46	Peak	204.00	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	5725.000	53.87	68.2	14.33	Peak	332.00	200	Horizontal	Pass
2	5729.544	63.57	68.2	4.63	Peak	147.00	200	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	5725.000	56.5	68.2	11.70	Peak	229.00	300	Horizontal	Pass
2	5728.321	62.43	68.2	5.77	Peak	150.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.83	68.2	13.37	Peak	70.00	300	Horizontal	Pass
2	5728.846	64.14	68.2	4.06	Peak	193.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.81	68.2	11.39	Peak	270.00	200	Horizontal	Pass
2	5728.594	61.65	68.2	6.55	Peak	334.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.85	68.2	11.35	Peak	96.00	200	Horizontal	Pass
2	5727.451	61.79	68.2	6.41	Peak	67.00	300	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24A0325-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24A0325-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24A0325-AI.PDF”.

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