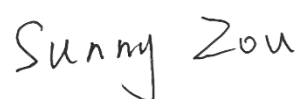
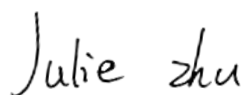


TEST REPORT

Applicant: Wuxi iData Technology Co., Ltd.
Address: Floor 11, Building B1, No.999 Gaolang East Road,
Wuxi City, P.R.C.
Equipment Type: New Mobile Computer
Model Name: iData K3 Pro (refer to section 2.3)
Brand Name: iData
FCC ID: 2ADE3IDATAK3PRO
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Feb. 17, 2025
Test Date: Feb. 19, 2025 - Mar. 01, 2025
Date of Issue: Mar. 11, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Mar. 11, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Wuxi iData Technology Co., Ltd.
Address	Floor 11, Building B1, No.999 Gaolang East Road, Wuxi City, P.R.C.

2.2 Manufacturer Information

Manufacturer	Wuxi iData Technology Co., Ltd.
Address	Floor 11, Building B1, No.999 Gaolang East Road, Wuxi City, P.R.C.

2.3 General Description for Equipment under Test (EUT)

EUT Name	New Mobile Computer
Model Name Under Test	iData K3 Pro
Series Model Name	iData K3, iData K3W, iData K3S, iData K3V, iData K31, iData K32, iData K3X, iData K3 Strong, iData K3 Cold, iData K3 Grip, iData K3 UHF, iData K3 Wireless, iData K3 Plus, iData k3 Lite, iData K3 Max, iData K3 Ultra, iData K3 Premium, iData K3 Pro Edition, iData K3 Plus Edition, iData K3HC, K3, K3W, K3S, K3V, K31, K32, K3X, K3 5G, K3 Strong, K3 Cold, K3 Grip, K3 UHF, K3 Wireless, K3 Pro, K3 Plus, K3 Lite, K3 Max, K3 Ultra, K3 Premium, K3 Pro Edition, K3 Plus Edition, K3HC, K51, K52, F53, F55, C56, C57, M58, M59, MC005
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Hardware Version	Z231RQ_V25
Software Version	14.00.044
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMAHSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17/66/71 TDD LTE Band 41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80), GNSS, NFC
-----------------------------------	---

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: 24.55 mW U-NII-2A: 29.85 mW U-NII-2C: 29.04 mW U-NII-3: 22.08 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: -0.92 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.92 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.78 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.62 dBi
About the Product	The equipment is New Mobile Computer, intended for used with information technology equipment.

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

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		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	47% to 58%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.3℃ to +23.8℃
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	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

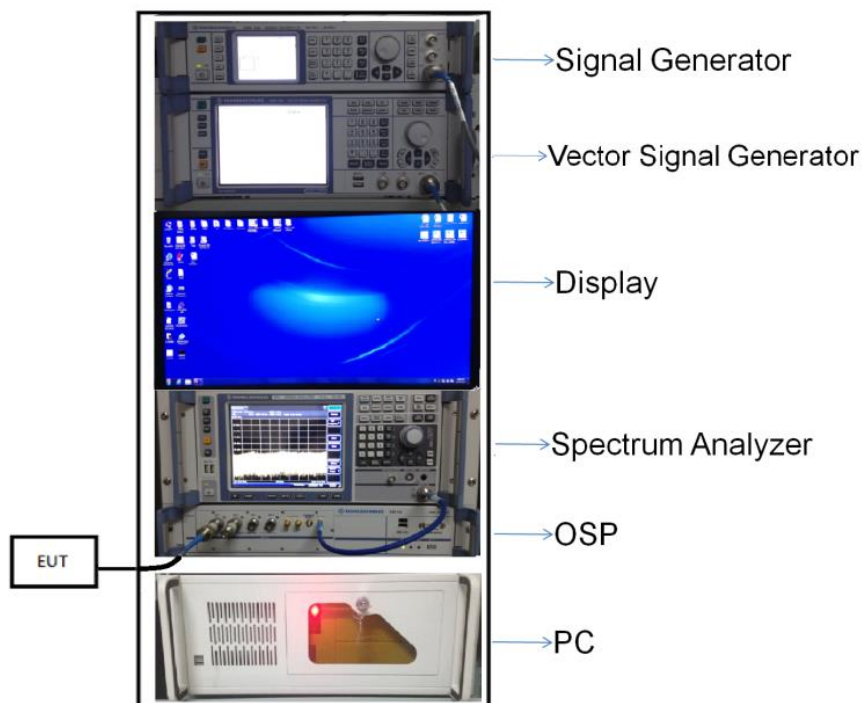
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

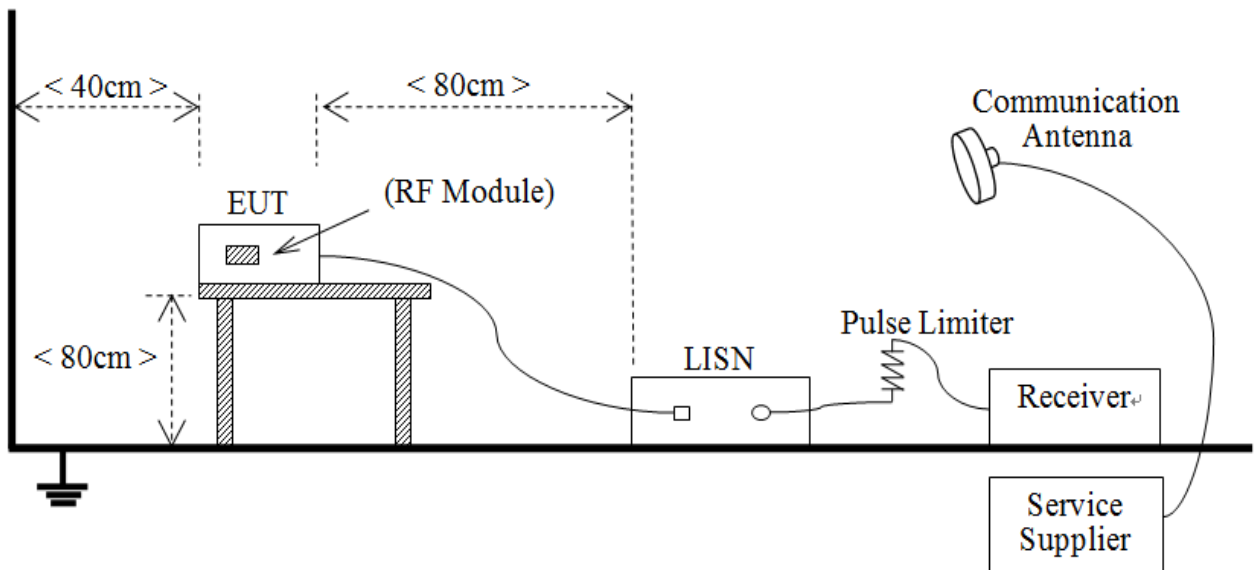
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



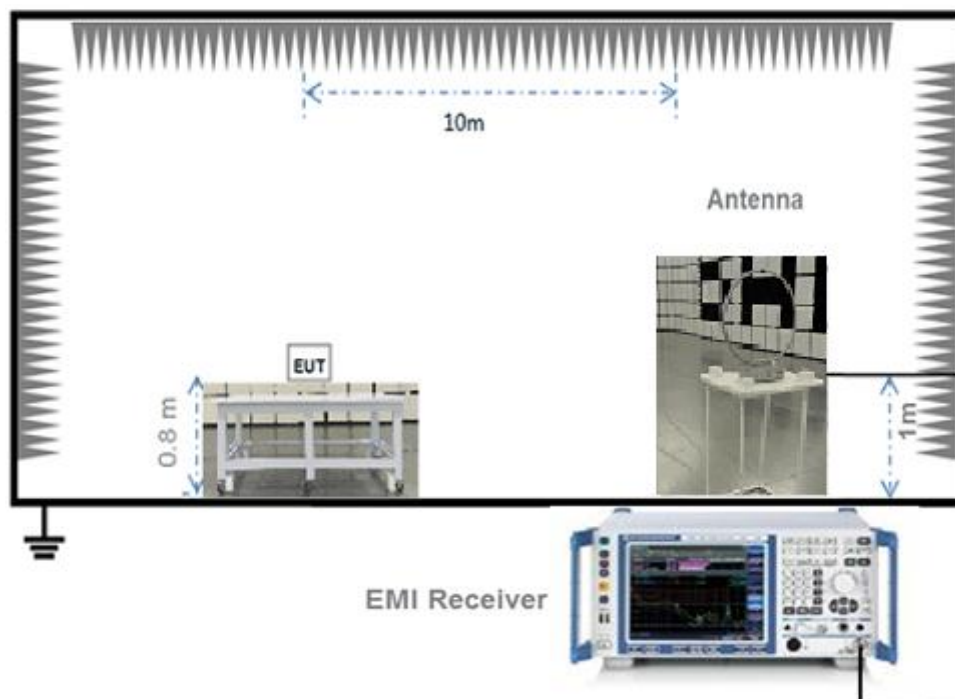
(Diagram 1)

4.5.2 For AC Power Supply Port Test



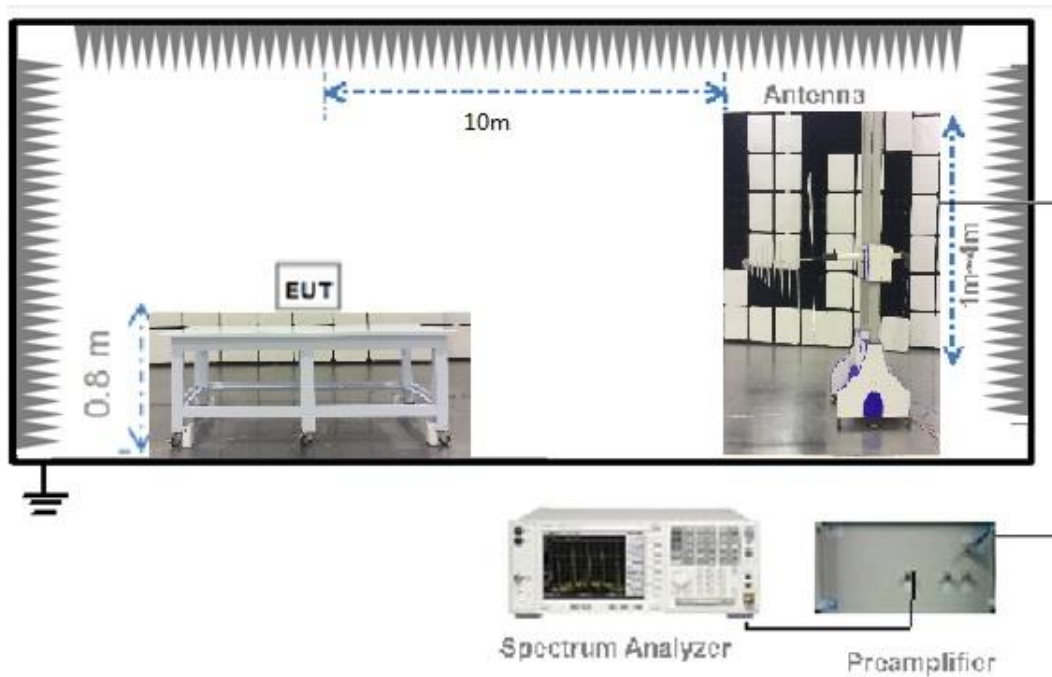
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



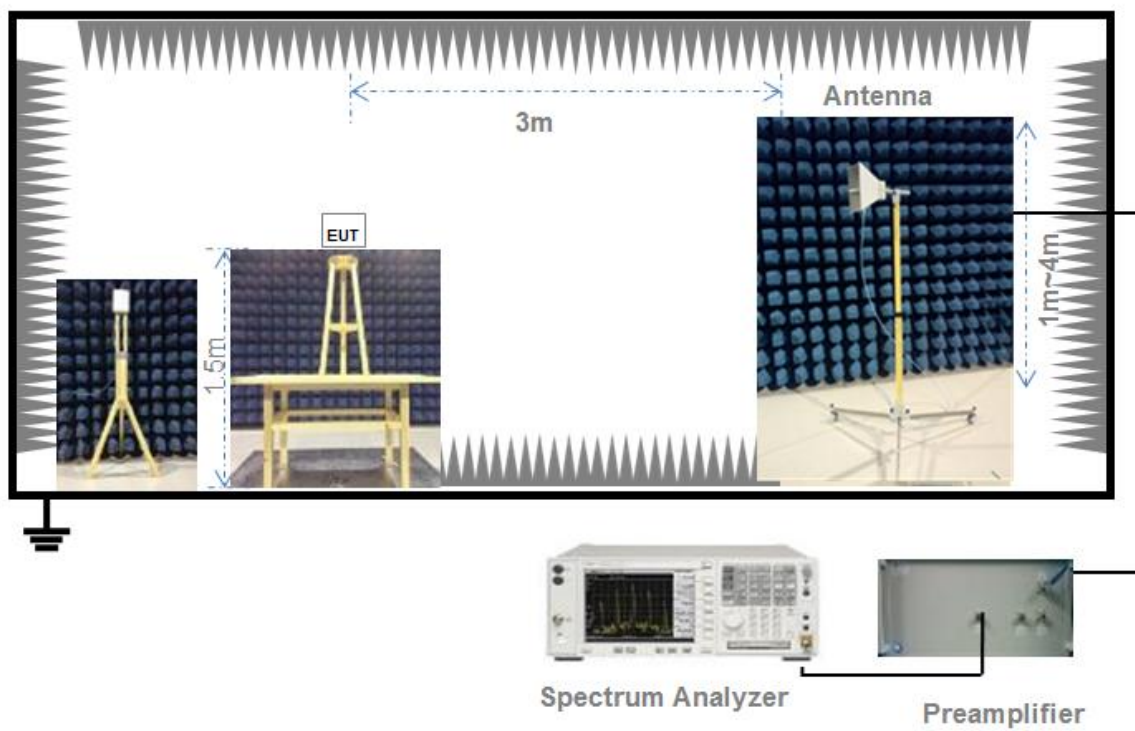
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

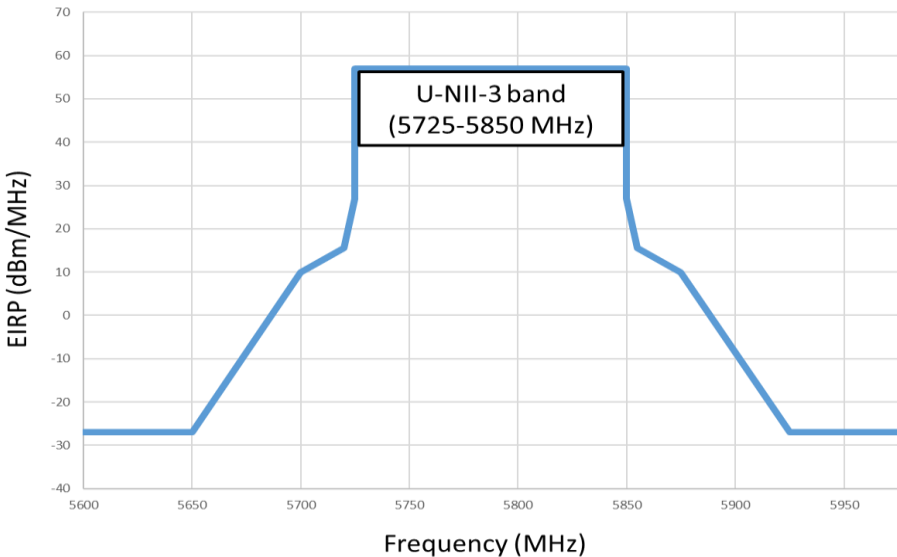
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.44	96.87%	0.14
11n(HT20)/11ac(VHT20)	1.30	1.35	96.58%	0.15
11n(HT40)/11ac(VHT40)	0.65	0.69	93.53%	0.29
11ac(VHT80)	0.32	0.37	87.92%	0.56

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.90	24.55	250	Pass
11a	CH44	13.62	23.01	250	Pass
11a	CH48	13.53	22.54	250	Pass
11n(HT20)	CH36	13.84	24.21	250	Pass
11n(HT20)	CH44	13.85	24.27	250	Pass
11n(HT20)	CH48	13.63	23.07	250	Pass
11n(HT40)	CH38	11.99	15.81	250	Pass
11n(HT40)	CH46	11.68	14.72	250	Pass
11ac(VHT20)	CH36	12.16	16.44	250	Pass
11ac(VHT20)	CH44	11.90	15.49	250	Pass
11ac(VHT20)	CH48	11.38	13.74	250	Pass
11ac(VHT40)	CH38	11.93	15.60	250	Pass
11ac(VHT40)	CH46	11.55	14.29	250	Pass
11ac(VHT80)	CH42	11.56	14.32	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.75	29.85	250	Pass
11a	CH60	14.51	28.25	250	Pass
11a	CH64	14.62	28.97	250	Pass
11n(HT20)	CH52	14.69	29.44	250	Pass
11n(HT20)	CH60	14.47	27.99	250	Pass
11n(HT20)	CH64	14.46	27.93	250	Pass
11n(HT40)	CH54	13.32	21.48	250	Pass
11n(HT40)	CH62	13.17	20.75	250	Pass
11ac(VHT20)	CH52	13.46	22.18	250	Pass
11ac(VHT20)	CH60	13.44	22.08	250	Pass
11ac(VHT20)	CH64	13.51	22.44	250	Pass
11ac(VHT40)	CH54	13.42	21.98	250	Pass
11ac(VHT40)	CH62	13.31	21.43	250	Pass
11ac(VHT80)	CH58	13.15	20.65	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.45	22.13	250	Pass
11a	CH116	13.73	23.60	250	Pass
11a	CH140	14.63	29.04	250	Pass
11n(HT20)	CH100	13.28	21.28	250	Pass
11n(HT20)	CH116	13.62	23.01	250	Pass
11n(HT20)	CH140	14.26	26.67	250	Pass
11n(HT40)	CH102	12.31	17.02	250	Pass
11n(HT40)	CH118	12.63	18.32	250	Pass
11n(HT40)	CH134	13.26	21.18	250	Pass
11ac(VHT20)	CH100	12.87	19.36	250	Pass
11ac(VHT20)	CH116	13.18	20.80	250	Pass
11ac(VHT20)	CH140	13.70	23.44	250	Pass
11ac(VHT40)	CH102	12.33	17.10	250	Pass
11ac(VHT40)	CH118	12.50	17.78	250	Pass
11ac(VHT40)	CH134	13.14	20.61	250	Pass
11ac(VHT80)	CH106	12.57	18.07	250	Pass
11ac(VHT80)	CH122	12.78	18.97	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.29	21.33	1000	Pass
11a	CH157	13.44	22.08	1000	Pass
11a	CH165	13.26	21.18	1000	Pass
11n(HT20)	CH149	13.13	20.56	1000	Pass
11n(HT20)	CH157	13.26	21.18	1000	Pass
11n(HT20)	CH165	13.17	20.75	1000	Pass
11n(HT40)	CH151	12.02	15.92	1000	Pass
11n(HT40)	CH159	12.04	16.00	1000	Pass
11ac(VHT20)	CH149	12.11	16.26	1000	Pass
11ac(VHT20)	CH157	12.10	16.22	1000	Pass
11ac(VHT20)	CH165	12.13	16.33	1000	Pass
11ac(VHT40)	CH151	12.01	15.89	1000	Pass
11ac(VHT40)	CH159	11.92	15.56	1000	Pass
11ac(VHT80)	CH155	11.86	15.35	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2520364-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.04	16.56
11a	CH44	23.80	16.53
11a	CH48	20.81	16.59
11n(HT20)	CH36	20.48	17.66
11n(HT20)	CH44	20.31	17.65
11n(HT20)	CH48	20.48	17.67
11n(HT40)	CH38	40.73	36.11
11n(HT40)	CH46	40.75	36.11
11ac(VHT20)	CH36	20.36	17.59
11ac(VHT20)	CH44	20.43	17.61
11ac(VHT20)	CH48	20.42	17.60
11ac(VHT40)	CH38	40.59	36.05
11ac(VHT40)	CH46	40.64	36.04
11ac(VHT80)	CH42	81.47	75.36

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	25.21	16.65
11a	CH60	26.15	16.63
11a	CH64	23.34	16.64
11n(HT20)	CH52	25.78	17.74
11n(HT20)	CH60	25.06	17.73
11n(HT20)	CH64	23.44	17.74
11n(HT40)	CH54	40.95	36.22
11n(HT40)	CH62	42.98	36.23
11ac(VHT20)	CH52	20.59	17.65
11ac(VHT20)	CH60	20.98	17.64
11ac(VHT20)	CH64	20.38	17.64
11ac(VHT40)	CH54	40.73	36.10
11ac(VHT40)	CH62	40.77	36.10
11ac(VHT80)	CH58	92.74	75.47

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.35	16.59
11a	CH116	20.08	16.58
11a	CH140	20.29	16.58
11n(HT20)	CH100	21.58	17.69
11n(HT20)	CH116	20.48	17.68
11n(HT20)	CH140	20.53	17.67
11n(HT40)	CH102	40.83	36.13
11n(HT40)	CH118	40.72	36.14
11n(HT40)	CH134	40.76	36.13
11ac(VHT20)	CH100	20.38	17.62
11ac(VHT20)	CH116	20.26	17.59
11ac(VHT20)	CH140	20.45	17.61
11ac(VHT40)	CH102	40.96	36.04
11ac(VHT40)	CH118	40.90	36.08
11ac(VHT40)	CH134	40.62	36.04
11ac(VHT80)	CH106	81.26	75.39
11ac(VHT80)	CH122	81.18	75.37

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.14	16.55
11a	CH157	20.07	16.52
11a	CH165	20.14	16.55
11n(HT20)	CH149	20.56	17.67
11n(HT20)	CH157	20.44	17.65
11n(HT20)	CH165	20.40	17.64
11n(HT40)	CH151	41.03	36.12
11n(HT40)	CH159	40.81	36.09
11ac(VHT20)	CH149	20.48	17.60
11ac(VHT20)	CH157	20.42	17.60
11ac(VHT20)	CH165	20.37	17.59
11ac(VHT40)	CH151	40.58	36.04
11ac(VHT40)	CH159	40.82	36.03
11ac(VHT80)	CH155	81.03	75.37
11ax(HE20)(SU)	CH149	20.14	16.55

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2520364-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.40	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.40	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.40	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.40	500.00	Pass
11ac(VHT20)	CH165	15.20	500.00	Pass
11ac(VHT40)	CH151	35.30	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-SZ2520364-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.47	11.00	Pass
11a	CH44	2.73	11.00	Pass
11a	CH48	3.18	11.00	Pass
11n(HT20)	CH36	3.06	11.00	Pass
11n(HT20)	CH44	2.06	11.00	Pass
11n(HT20)	CH48	2.11	11.00	Pass
11n(HT40)	CH38	-1.70	11.00	Pass
11n(HT40)	CH46	-2.02	11.00	Pass
11ac(VHT20)	CH36	1.51	11.00	Pass
11ac(VHT20)	CH44	1.13	11.00	Pass
11ac(VHT20)	CH48	0.99	11.00	Pass
11ac(VHT40)	CH38	-1.69	11.00	Pass
11ac(VHT40)	CH46	-2.06	11.00	Pass
11ac(VHT80)	CH42	-5.20	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.88	11.00	Pass
11a	CH60	3.40	11.00	Pass
11a	CH64	3.73	11.00	Pass
11n(HT20)	CH52	3.43	11.00	Pass
11n(HT20)	CH60	3.20	11.00	Pass
11n(HT20)	CH64	3.36	11.00	Pass
11n(HT40)	CH54	-0.57	11.00	Pass
11n(HT40)	CH62	-0.75	11.00	Pass
11ac(VHT20)	CH52	2.56	11.00	Pass
11ac(VHT20)	CH60	2.20	11.00	Pass
11ac(VHT20)	CH64	2.30	11.00	Pass
11ac(VHT40)	CH54	-0.70	11.00	Pass
11ac(VHT40)	CH62	-0.76	11.00	Pass
11ac(VHT80)	CH58	-4.19	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.72	11.00	Pass
11a	CH116	2.80	11.00	Pass
11a	CH140	3.57	11.00	Pass
11n(HT20)	CH100	2.32	11.00	Pass
11n(HT20)	CH116	2.50	11.00	Pass
11n(HT20)	CH140	3.18	11.00	Pass
11n(HT40)	CH102	-1.77	11.00	Pass
11n(HT40)	CH118	-1.48	11.00	Pass
11n(HT40)	CH134	-0.98	11.00	Pass
11ac(VHT20)	CH100	1.17	11.00	Pass
11ac(VHT20)	CH116	1.45	11.00	Pass
11ac(VHT20)	CH140	2.20	11.00	Pass
11ac(VHT40)	CH102	-1.64	11.00	Pass
11ac(VHT40)	CH118	-1.55	11.00	Pass
11ac(VHT40)	CH134	-1.09	11.00	Pass
11ac(VHT80)	CH106	-4.96	11.00	Pass
11ac(VHT80)	CH122	-4.72	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.03	30.00	Pass
11a	CH157	-0.34	30.00	Pass
11a	CH165	-0.38	30.00	Pass
11n(HT20)	CH149	-0.24	30.00	Pass
11n(HT20)	CH157	-0.73	30.00	Pass
11n(HT20)	CH165	-0.67	30.00	Pass
11n(HT40)	CH151	-4.54	30.00	Pass
11n(HT40)	CH159	-4.95	30.00	Pass
11ac(VHT20)	CH149	-1.37	30.00	Pass
11ac(VHT20)	CH157	-1.77	30.00	Pass
11ac(VHT20)	CH165	-1.73	30.00	Pass
11ac(VHT40)	CH151	-4.75	30.00	Pass
11ac(VHT40)	CH159	-4.78	30.00	Pass
11ac(VHT80)	CH155	-8.18	30.00	Pass

A.5 Conducted Emissions

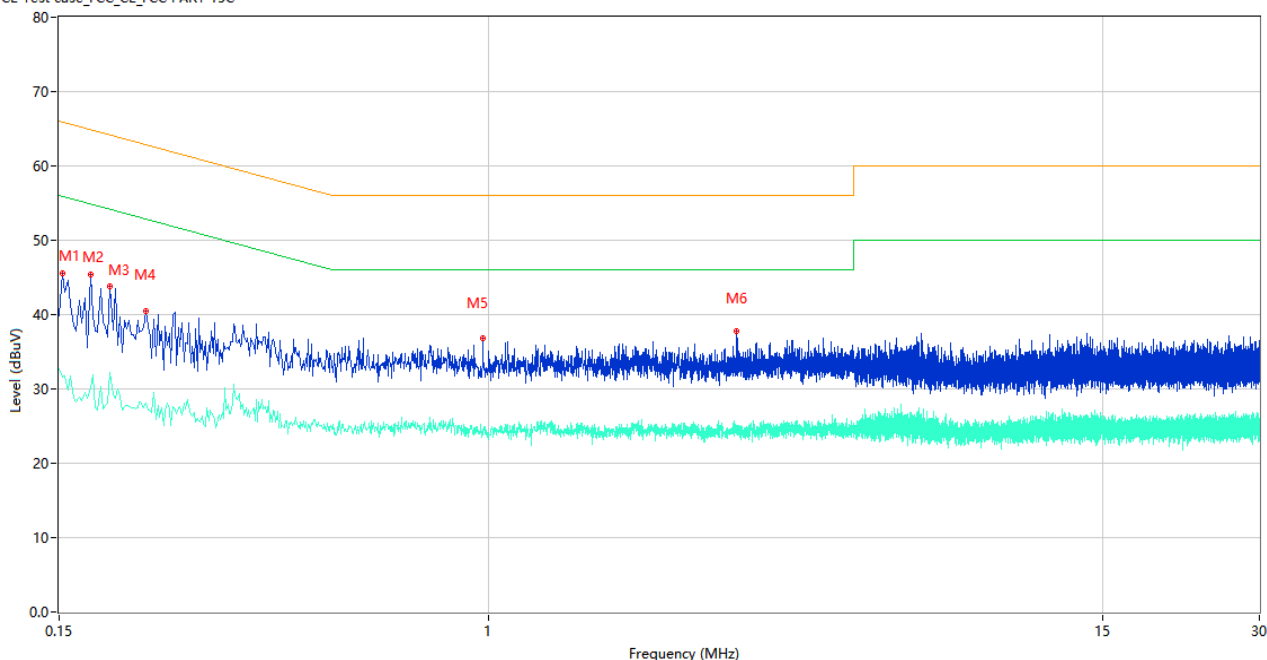
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: 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

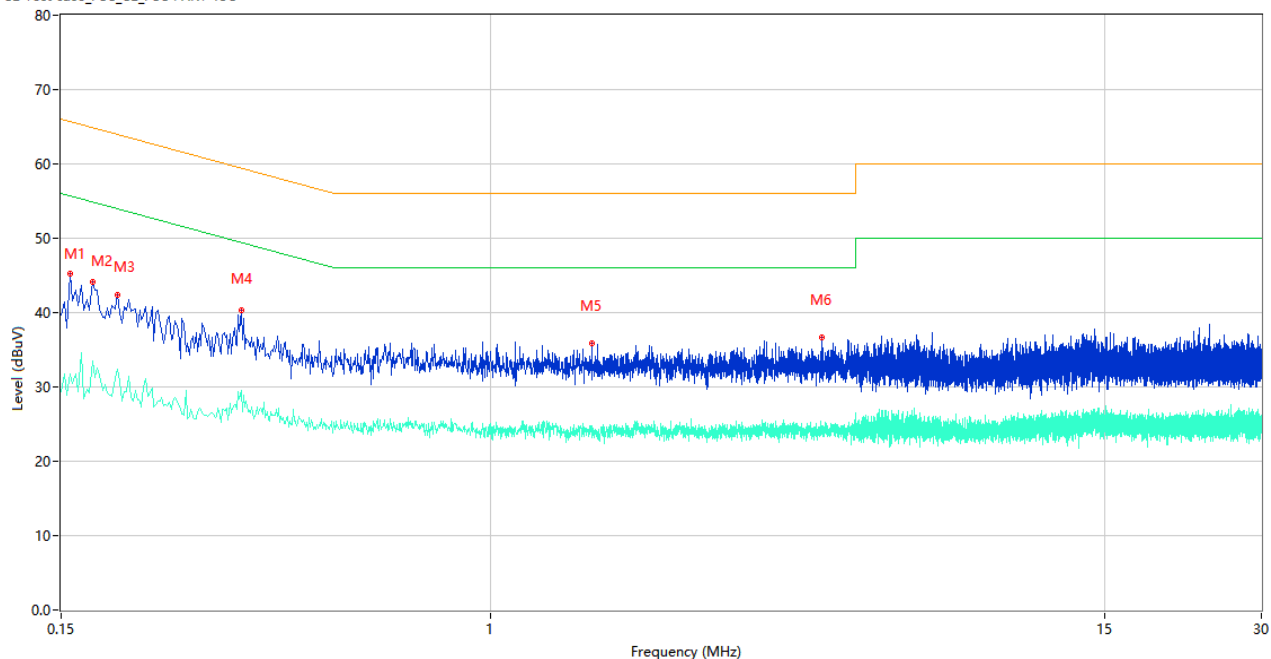
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	45.53	9.78	65.89	20.36	Peak	L	Pass
1**	0.152	31.55	9.78	55.89	24.34	AV	L	Pass
2	0.172	45.36	9.78	64.86	19.50	Peak	L	Pass
2**	0.172	30.22	9.78	54.86	24.64	AV	L	Pass
3	0.188	43.81	9.78	64.12	20.31	Peak	L	Pass
3**	0.188	32.28	9.78	54.12	21.84	AV	L	Pass
4	0.220	40.45	9.77	62.82	22.37	Peak	L	Pass
4**	0.220	28.08	9.77	52.82	24.74	AV	L	Pass
5	0.974	36.83	10.02	56.00	19.17	Peak	L	Pass
5**	0.974	24.59	10.02	46.00	21.41	AV	L	Pass
6	2.980	37.78	10.26	56.00	18.22	Peak	L	Pass
6**	2.980	24.96	10.26	46.00	21.04	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	0.156	45.18	9.78	65.67	20.49	Peak	N	Pass
1**	0.156	31.75	9.78	55.67	23.92	AV	N	Pass
2	0.172	44.13	9.78	64.86	20.73	Peak	N	Pass
2**	0.172	33.53	9.78	54.86	21.33	AV	N	Pass
3	0.192	42.36	9.77	63.95	21.59	Peak	N	Pass
3**	0.192	32.33	9.77	53.95	21.62	AV	N	Pass
4	0.332	40.25	10.40	59.40	19.15	Peak	N	Pass
4**	0.332	29.49	10.40	49.40	19.91	AV	N	Pass
5	1.564	35.80	10.06	56.00	20.20	Peak	N	Pass
5**	1.564	24.70	10.06	46.00	21.30	AV	N	Pass
6	4.300	36.70	10.39	56.00	19.30	Peak	N	Pass
6**	4.300	24.68	10.39	46.00	21.32	AV	N	Pass

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

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

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

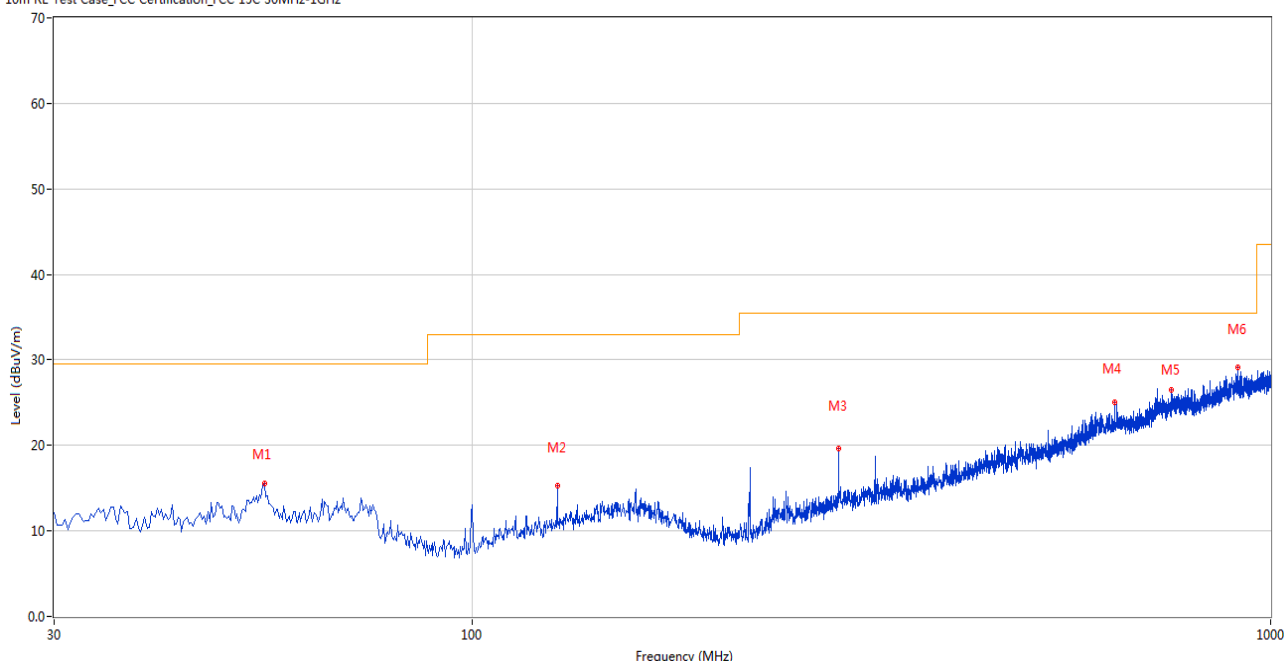
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

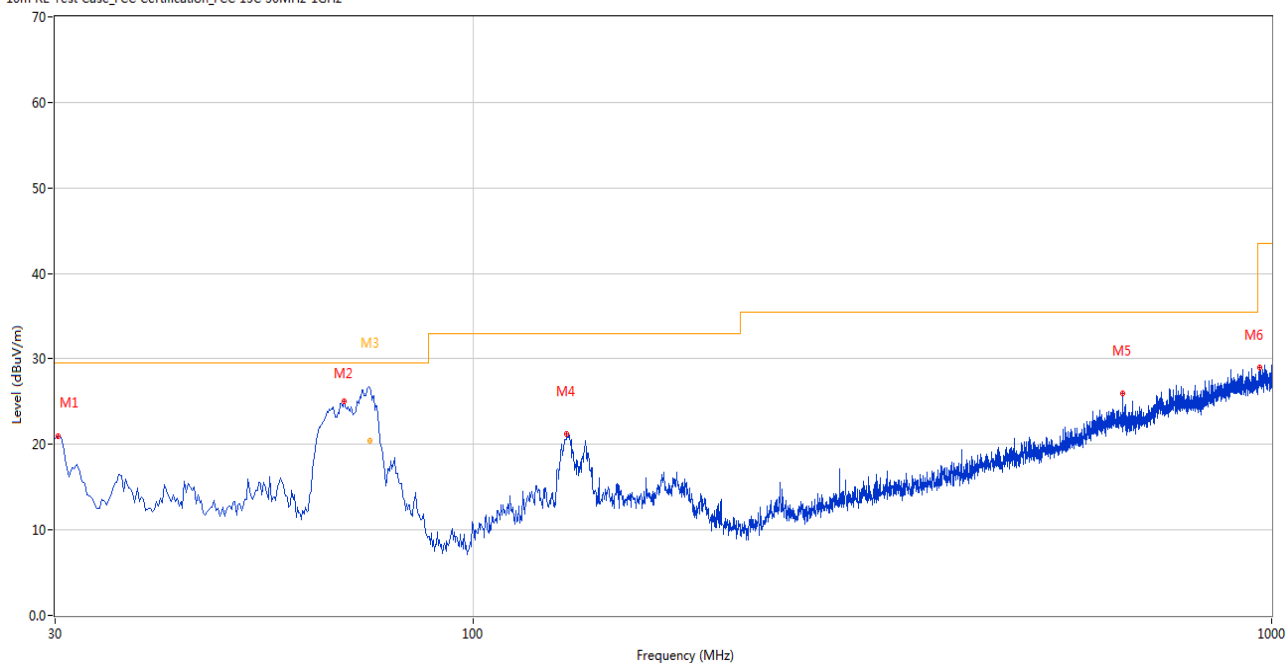
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.971	15.49	-26.13	29.5	14.01	Peak	0.00	200	Horizontal	Pass
2	127.946	15.27	-27.27	33.0	17.73	Peak	0.00	200	Horizontal	Pass
3	287.956	19.63	-25.18	35.5	15.87	Peak	0.00	200	Horizontal	Pass
4	638.523	25.09	-15.78	35.5	10.41	Peak	0.00	200	Horizontal	Pass
5	751.742	26.53	-13.15	35.5	8.97	Peak	0.00	200	Horizontal	Pass
6	910.297	29.17	-10.67	35.5	6.33	Peak	0.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.242	20.99	-27.79	29.5	8.51	Peak	271.00	100	Vertical	Pass
2	69.033	25.10	-28.12	29.5	4.40	Peak	233.00	200	Vertical	Pass
3	74.339	23.28	-29.00	29.5	6.22	Peak	206.00	163	Vertical	N/A
3*	74.339	20.48	-29.00	29.5	9.02	QP	206.00	163	Vertical	Pass
4	131.097	21.23	-27.09	33.0	11.77	Peak	284.00	100	Vertical	Pass
5	651.372	25.99	-15.69	35.5	9.51	Peak	336.00	200	Vertical	Pass
6	967.513	28.94	-10.07	43.5	14.56	Peak	0.00	200	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	1625.288	39.07	74.0	34.93	Peak	341.00	300	Horizontal	Pass
1**	1625.288	27.03	54.0	26.97	AV	341.00	300	Horizontal	Pass
2	4173.421	47.77	74.0	26.23	Peak	246.00	200	Horizontal	Pass
2**	4173.421	40.45	54.0	13.55	AV	246.00	200	Horizontal	Pass
3	7367.707	51.25	74.0	22.75	Peak	314.00	200	Horizontal	Pass
3**	7367.707	43.85	54.0	10.15	AV	314.00	200	Horizontal	Pass
4	7613.273	54.96	74.0	19.04	Peak	75.00	100	Horizontal	Pass
4**	7613.273	40.76	54.0	13.24	AV	75.00	100	Horizontal	Pass
5	12521.466	55.71	74.0	18.29	Peak	14.00	400	Horizontal	Pass
5**	12521.466	45.28	54.0	8.72	AV	14.00	400	Horizontal	Pass
6	16139.966	51.81	74.0	22.19	Peak	148.00	200	Horizontal	Pass
6**	16139.966	42.55	54.0	11.45	AV	148.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.379	41.57	74.0	32.43	Peak	132.00	400	Vertical	Pass
1**	1336.379	35.50	54.0	18.50	AV	132.00	400	Vertical	Pass
2	1444.006	43.76	74.0	30.24	Peak	67.00	200	Vertical	Pass
2**	1444.006	35.00	54.0	19.00	AV	67.00	200	Vertical	Pass
3	4148.240	49.63	26.3	-23.30	Peak	252.00	200	Vertical	Pass
3**	4148.240	38.80	14.9	-23.89	AV	252.00	200	Vertical	Pass
4	7412.707	53.09	74.0	20.91	Peak	119.00	400	Vertical	Pass
4**	7412.707	44.62	54.0	9.38	AV	119.00	400	Vertical	Pass
5	12511.719	52.34	74.0	21.66	Peak	119.00	200	Vertical	Pass
5**	12511.719	44.99	54.0	9.01	AV	119.00	200	Vertical	Pass
6	15650.054	52.90	74.0	21.10	Peak	308.00	100	Vertical	Pass
6**	15650.054	44.22	54.0	9.78	AV	308.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.183	37.40	74.0	36.60	Peak	82.00	100	Horizontal	Pass
1**	1625.183	27.09	54.0	26.91	AV	82.00	100	Horizontal	Pass
2	4172.795	46.75	74.0	27.25	Peak	241.00	300	Horizontal	Pass
2**	4172.795	36.97	54.0	17.03	AV	241.00	300	Horizontal	Pass
3	7368.331	53.66	74.0	20.34	Peak	46.00	200	Horizontal	Pass
3**	7368.331	41.29	54.0	12.71	AV	46.00	200	Horizontal	Pass
4	7617.303	51.13	74.0	22.87	Peak	335.00	400	Horizontal	Pass
4**	7617.303	43.69	54.0	10.31	AV	335.00	400	Horizontal	Pass
5	12518.636	54.30	74.0	19.70	Peak	118.00	300	Horizontal	Pass
5**	12518.636	45.74	54.0	8.26	AV	118.00	300	Horizontal	Pass
6	16133.198	53.78	74.0	20.22	Peak	98.00	400	Horizontal	Pass
6**	16133.198	46.79	54.0	7.21	AV	98.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.847	43.95	74.0	30.05	Peak	221.00	100	Vertical	Pass
1**	1335.847	31.82	54.0	22.18	AV	221.00	100	Vertical	Pass
2	1438.736	40.39	74.0	33.61	Peak	351.00	400	Vertical	Pass
2**	1438.736	37.55	54.0	16.45	AV	351.00	400	Vertical	Pass
3	4149.172	44.93	26.3	-18.60	Peak	246.00	200	Vertical	Pass
3**	4149.172	36.66	14.9	-21.75	AV	246.00	200	Vertical	Pass
4	7417.147	50.70	74.0	23.30	Peak	321.00	400	Vertical	Pass
4**	7417.147	43.58	54.0	10.42	AV	321.00	400	Vertical	Pass
5	12513.019	50.89	74.0	23.11	Peak	210.00	100	Vertical	Pass
5**	12513.019	46.72	54.0	7.28	AV	210.00	100	Vertical	Pass
6	15646.887	56.01	74.0	17.99	Peak	138.00	200	Vertical	Pass
6**	15646.887	43.82	54.0	10.18	AV	138.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.386	41.19	74.0	32.81	Peak	281.00	100	Horizontal	Pass
1**	1623.386	29.19	54.0	24.81	AV	281.00	100	Horizontal	Pass
2	4175.825	45.90	74.0	28.10	Peak	69.00	300	Horizontal	Pass
2**	4175.825	39.38	54.0	14.62	AV	69.00	300	Horizontal	Pass
3	7365.660	53.79	74.0	20.21	Peak	130.00	200	Horizontal	Pass
3**	7365.660	44.43	54.0	9.57	AV	130.00	200	Horizontal	Pass
4	7616.693	53.19	74.0	20.81	Peak	2.00	300	Horizontal	Pass
4**	7616.693	41.26	54.0	12.74	AV	2.00	300	Horizontal	Pass
5	12524.501	56.32	74.0	17.68	Peak	6.00	400	Horizontal	Pass
5**	12524.501	45.24	54.0	8.76	AV	6.00	400	Horizontal	Pass
6	16136.397	51.30	74.0	22.70	Peak	223.00	300	Horizontal	Pass
6**	16136.397	42.11	54.0	11.89	AV	223.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.586	41.64	74.0	32.36	Peak	282.00	300	Vertical	Pass
1**	1332.586	31.25	54.0	22.75	AV	282.00	300	Vertical	Pass
2	1444.103	39.28	74.0	34.72	Peak	6.00	200	Vertical	Pass
2**	1444.103	37.74	54.0	16.26	AV	6.00	200	Vertical	Pass
3	4148.419	46.58	26.3	-20.25	Peak	166.00	200	Vertical	Pass
3**	4148.419	39.96	14.9	-25.05	AV	166.00	200	Vertical	Pass
4	7417.317	50.78	74.0	23.22	Peak	205.00	200	Vertical	Pass
4**	7417.317	43.82	54.0	10.18	AV	205.00	200	Vertical	Pass
5	12511.392	54.06	74.0	19.94	Peak	294.00	100	Vertical	Pass
5**	12511.392	43.30	54.0	10.70	AV	294.00	100	Vertical	Pass
6	15649.192	53.50	74.0	20.50	Peak	137.00	100	Vertical	Pass
6**	15649.192	46.22	54.0	7.78	AV	137.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.285	40.66	74.0	33.34	Peak	61.00	300	Horizontal	Pass
1**	1626.285	32.53	54.0	21.47	AV	61.00	300	Horizontal	Pass
2	4169.457	46.23	74.0	27.77	Peak	54.00	100	Horizontal	Pass
2**	4169.457	36.37	54.0	17.63	AV	54.00	100	Horizontal	Pass
3	7364.525	54.19	74.0	19.81	Peak	309.00	200	Horizontal	Pass
3**	7364.525	41.97	54.0	12.03	AV	309.00	200	Horizontal	Pass
4	7610.819	52.50	74.0	21.50	Peak	215.00	300	Horizontal	Pass
4**	7610.819	40.45	54.0	13.55	AV	215.00	300	Horizontal	Pass
5	12523.656	52.34	74.0	21.66	Peak	68.00	400	Horizontal	Pass
5**	12523.656	44.63	54.0	9.37	AV	68.00	400	Horizontal	Pass
6	16133.053	50.96	74.0	23.04	Peak	249.00	100	Horizontal	Pass
6**	16133.053	45.05	54.0	8.95	AV	249.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.137	44.91	74.0	29.09	Peak	305.00	100	Vertical	Pass
1**	1334.137	33.95	54.0	20.05	AV	305.00	100	Vertical	Pass
2	1438.698	40.24	74.0	33.76	Peak	249.00	100	Vertical	Pass
2**	1438.698	34.90	54.0	19.10	AV	249.00	100	Vertical	Pass
3	4149.907	46.93	26.3	-20.60	Peak	287.00	200	Vertical	Pass
3**	4149.907	38.96	14.9	-24.05	AV	287.00	200	Vertical	Pass
4	7412.097	54.38	74.0	19.62	Peak	142.00	100	Vertical	Pass
4**	7412.097	43.56	54.0	10.44	AV	142.00	100	Vertical	Pass
5	12513.221	52.49	74.0	21.51	Peak	69.00	200	Vertical	Pass
5**	12513.221	45.62	54.0	8.38	AV	69.00	200	Vertical	Pass
6	15644.759	53.90	74.0	20.10	Peak	128.00	100	Vertical	Pass
6**	15644.759	43.29	54.0	10.71	AV	128.00	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	1626.875	40.23	74.0	33.77	Peak	114.00	300	Horizontal	Pass
1**	1626.875	27.30	54.0	26.70	AV	114.00	300	Horizontal	Pass
2	4174.088	45.86	74.0	28.14	Peak	322.00	300	Horizontal	Pass
2**	4174.088	39.38	54.0	14.62	AV	322.00	300	Horizontal	Pass
3	7371.614	55.51	74.0	18.49	Peak	113.00	200	Horizontal	Pass
3**	7371.614	42.51	54.0	11.49	AV	113.00	200	Horizontal	Pass
4	7616.267	54.77	74.0	19.23	Peak	233.00	100	Horizontal	Pass
4**	7616.267	45.00	54.0	9.00	AV	233.00	100	Horizontal	Pass
5	12520.617	54.37	74.0	19.63	Peak	7.00	100	Horizontal	Pass
5**	12520.617	46.17	54.0	7.83	AV	7.00	100	Horizontal	Pass
6	16140.382	54.47	74.0	19.53	Peak	336.00	300	Horizontal	Pass
6**	16140.382	42.95	54.0	11.05	AV	336.00	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	1331.531	45.91	74.0	28.09	Peak	216.00	200	Vertical	Pass
1**	1331.531	36.51	54.0	17.49	AV	216.00	200	Vertical	Pass
2	1438.892	44.00	74.0	30.00	Peak	68.00	300	Vertical	Pass
2**	1438.892	34.82	54.0	19.18	AV	68.00	300	Vertical	Pass
3	4154.102	47.95	26.3	-21.62	Peak	245.00	200	Vertical	Pass
3**	4154.102	42.06	14.9	-27.15	AV	245.00	200	Vertical	Pass
4	7415.510	55.33	74.0	18.67	Peak	118.00	300	Vertical	Pass
4**	7415.510	40.82	54.0	13.18	AV	118.00	300	Vertical	Pass
5	12512.007	51.57	74.0	22.43	Peak	208.00	300	Vertical	Pass
5**	12512.007	42.38	54.0	11.62	AV	208.00	300	Vertical	Pass
6	15648.193	53.83	74.0	20.17	Peak	277.00	200	Vertical	Pass
6**	15648.193	45.79	54.0	8.21	AV	277.00	200	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	1620.410	36.61	74.0	37.39	Peak	228.00	200	Horizontal	Pass
1**	1620.410	31.34	54.0	22.66	AV	228.00	200	Horizontal	Pass
2	4174.526	47.83	74.0	26.17	Peak	255.00	100	Horizontal	Pass
2**	4174.526	37.62	54.0	16.38	AV	255.00	100	Horizontal	Pass
3	7369.247	54.83	74.0	19.17	Peak	216.00	200	Horizontal	Pass
3**	7369.247	43.54	54.0	10.46	AV	216.00	200	Horizontal	Pass
4	7616.606	53.08	74.0	20.92	Peak	111.00	400	Horizontal	Pass
4**	7616.606	40.86	54.0	13.14	AV	111.00	400	Horizontal	Pass
5	12519.046	51.80	74.0	22.20	Peak	78.00	300	Horizontal	Pass
5**	12519.046	42.10	54.0	11.90	AV	78.00	300	Horizontal	Pass
6	16135.196	56.04	74.0	17.96	Peak	264.00	300	Horizontal	Pass
6**	16135.196	43.33	54.0	10.67	AV	264.00	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	1335.181	43.73	74.0	30.27	Peak	292.00	300	Vertical	Pass
1**	1335.181	35.31	54.0	18.69	AV	292.00	300	Vertical	Pass
2	1438.154	41.96	74.0	32.04	Peak	102.00	300	Vertical	Pass
2**	1438.154	34.24	54.0	19.76	AV	102.00	300	Vertical	Pass
3	4152.332	45.12	26.3	-18.79	Peak	161.00	200	Vertical	Pass
3**	4152.332	39.28	14.9	-24.37	AV	161.00	200	Vertical	Pass
4	7418.139	51.07	74.0	22.93	Peak	205.00	300	Vertical	Pass
4**	7418.139	42.11	54.0	11.89	AV	205.00	300	Vertical	Pass
5	12515.475	54.04	74.0	19.96	Peak	290.00	300	Vertical	Pass
5**	12515.475	45.28	54.0	8.72	AV	290.00	300	Vertical	Pass
6	15645.692	55.15	74.0	18.85	Peak	206.00	400	Vertical	Pass
6**	15645.692	44.99	54.0	9.01	AV	206.00	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	1620.448	40.97	74.0	33.03	Peak	182.00	200	Horizontal	Pass
1**	1620.448	27.37	54.0	26.63	AV	182.00	200	Horizontal	Pass
2	4175.608	47.44	74.0	26.56	Peak	346.00	200	Horizontal	Pass
2**	4175.608	39.67	54.0	14.33	AV	346.00	200	Horizontal	Pass
3	7368.660	49.86	74.0	24.14	Peak	91.00	200	Horizontal	Pass
3**	7368.660	46.38	54.0	7.62	AV	91.00	200	Horizontal	Pass
4	7610.721	55.40	74.0	18.60	Peak	3.00	400	Horizontal	Pass
4**	7610.721	44.02	54.0	9.98	AV	3.00	400	Horizontal	Pass
5	12519.122	52.90	74.0	21.10	Peak	2.00	200	Horizontal	Pass
5**	12519.122	45.20	54.0	8.80	AV	2.00	200	Horizontal	Pass
6	16139.521	56.36	74.0	17.64	Peak	324.00	300	Horizontal	Pass
6**	16139.521	41.67	54.0	12.33	AV	324.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.999	45.20	74.0	28.80	Peak	54.00	200	Vertical	Pass
1**	1334.999	36.43	54.0	17.57	AV	54.00	200	Vertical	Pass
2	1438.193	39.90	74.0	34.10	Peak	226.00	200	Vertical	Pass
2**	1438.193	34.76	54.0	19.24	AV	226.00	200	Vertical	Pass
3	4148.965	47.10	26.3	-20.77	Peak	32.00	200	Vertical	Pass
3**	4148.965	41.23	14.9	-26.32	AV	32.00	200	Vertical	Pass
4	7412.248	51.49	74.0	22.51	Peak	220.00	200	Vertical	Pass
4**	7412.248	43.11	54.0	10.89	AV	220.00	200	Vertical	Pass
5	12508.158	53.13	74.0	20.87	Peak	54.00	200	Vertical	Pass
5**	12508.158	47.30	54.0	6.70	AV	54.00	200	Vertical	Pass
6	15645.819	51.36	74.0	22.64	Peak	133.00	200	Vertical	Pass
6**	15645.819	46.35	54.0	7.65	AV	133.00	200	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	1627.827	36.33	74.0	37.67	Peak	335.00	400	Horizontal	Pass
1**	1627.827	28.79	54.0	25.21	AV	335.00	400	Horizontal	Pass
2	4175.099	46.62	74.0	27.38	Peak	116.00	200	Horizontal	Pass
2**	4175.099	38.79	54.0	15.21	AV	116.00	200	Horizontal	Pass
3	7371.433	55.33	74.0	18.67	Peak	188.00	200	Horizontal	Pass
3**	7371.433	42.68	54.0	11.32	AV	188.00	200	Horizontal	Pass
4	7616.308	50.15	74.0	23.85	Peak	211.00	300	Horizontal	Pass
4**	7616.308	41.14	54.0	12.86	AV	211.00	300	Horizontal	Pass
5	12517.739	55.90	74.0	18.10	Peak	45.00	200	Horizontal	Pass
5**	12517.739	41.56	54.0	12.44	AV	45.00	200	Horizontal	Pass
6	16137.512	53.18	74.0	20.82	Peak	103.00	100	Horizontal	Pass
6**	16137.512	47.45	54.0	6.55	AV	103.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.051	41.99	74.0	32.01	Peak	1.00	300	Vertical	Pass
1**	1336.051	32.39	54.0	21.61	AV	1.00	300	Vertical	Pass
2	1440.118	43.01	74.0	30.99	Peak	243.00	200	Vertical	Pass
2**	1440.118	37.65	54.0	16.35	AV	243.00	200	Vertical	Pass
3	4154.317	44.91	26.3	-18.58	Peak	182.00	200	Vertical	Pass
3**	4154.317	39.19	14.9	-24.28	AV	182.00	200	Vertical	Pass
4	7412.370	51.95	74.0	22.05	Peak	135.00	200	Vertical	Pass
4**	7412.370	40.58	54.0	13.42	AV	135.00	200	Vertical	Pass
5	12511.227	51.97	74.0	22.03	Peak	184.00	200	Vertical	Pass
5**	12511.227	46.46	54.0	7.54	AV	184.00	200	Vertical	Pass
6	15650.401	52.86	74.0	21.14	Peak	319.00	200	Vertical	Pass
6**	15650.401	43.72	54.0	10.28	AV	319.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1**	1627.512	28.11	54.0	25.89	AV	32.00	200	Horizontal	Pass
2	4169.593	49.54	74.0	24.46	Peak	307.00	400	Horizontal	Pass
2**	4169.593	40.10	54.0	13.90	AV	307.00	400	Horizontal	Pass
3	7371.100	51.12	74.0	22.88	Peak	75.00	200	Horizontal	Pass
3**	7371.100	46.59	54.0	7.41	AV	75.00	200	Horizontal	Pass
4	7612.671	53.91	74.0	20.09	Peak	305.00	300	Horizontal	Pass
4**	7612.671	45.32	54.0	8.68	AV	305.00	300	Horizontal	Pass
5	12518.839	54.00	74.0	20.00	Peak	33.00	300	Horizontal	Pass
5**	12518.839	44.86	54.0	9.14	AV	33.00	300	Horizontal	Pass
6	16133.650	52.19	74.0	21.81	Peak	321.00	200	Horizontal	Pass
6**	16133.650	41.75	54.0	12.25	AV	321.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.722	46.89	74.0	27.11	Peak	241.00	400	Vertical	Pass
1**	1335.722	31.12	54.0	22.88	AV	241.00	400	Vertical	Pass
2	1440.486	41.61	74.0	32.39	Peak	149.00	200	Vertical	Pass
2**	1440.486	34.37	54.0	19.63	AV	149.00	200	Vertical	Pass
3	4155.462	50.53	26.3	-24.20	Peak	332.00	200	Vertical	Pass
3**	4155.462	38.56	14.9	-23.65	AV	332.00	200	Vertical	Pass
4	7417.247	56.37	74.0	17.63	Peak	178.00	300	Vertical	Pass
4**	7417.247	42.35	54.0	11.65	AV	178.00	300	Vertical	Pass
5	12512.373	55.56	74.0	18.44	Peak	300.00	100	Vertical	Pass
5**	12512.373	47.08	54.0	6.92	AV	300.00	100	Vertical	Pass
6	15643.245	51.43	74.0	22.57	Peak	279.00	300	Vertical	Pass
6**	15643.245	43.36	54.0	10.64	AV	279.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.770	35.97	74.0	38.03	Peak	348.00	100	Horizontal	Pass
1**	1626.770	29.81	54.0	24.19	AV	348.00	100	Horizontal	Pass
2	4168.413	48.03	74.0	25.97	Peak	266.00	200	Horizontal	Pass
2**	4168.413	39.61	54.0	14.39	AV	266.00	200	Horizontal	Pass
3	7371.853	49.52	74.0	24.48	Peak	221.00	200	Horizontal	Pass
3**	7371.853	45.28	54.0	8.72	AV	221.00	200	Horizontal	Pass
4	7614.222	49.76	74.0	24.24	Peak	273.00	200	Horizontal	Pass
4**	7614.222	45.37	54.0	8.63	AV	273.00	200	Horizontal	Pass
5	12522.670	54.84	74.0	19.16	Peak	58.00	100	Horizontal	Pass
5**	12522.670	46.29	54.0	7.71	AV	58.00	100	Horizontal	Pass
6	16135.101	54.68	74.0	19.32	Peak	300.00	400	Horizontal	Pass
6**	16135.101	44.11	54.0	9.89	AV	300.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.789	43.64	74.0	30.36	Peak	14.00	200	Vertical	Pass
1**	1336.789	32.51	54.0	21.49	AV	14.00	200	Vertical	Pass
2	1441.440	38.98	74.0	35.02	Peak	284.00	300	Vertical	Pass
2**	1441.440	38.19	54.0	15.81	AV	284.00	300	Vertical	Pass
3	4153.932	49.30	26.3	-22.97	Peak	269.00	200	Vertical	Pass
3**	4153.932	37.18	14.9	-22.27	AV	269.00	200	Vertical	Pass
4	7415.599	54.44	74.0	19.56	Peak	91.00	400	Vertical	Pass
4**	7415.599	43.79	54.0	10.21	AV	91.00	400	Vertical	Pass
5	12510.580	50.12	74.0	23.88	Peak	313.00	200	Vertical	Pass
5**	12510.580	42.00	54.0	12.00	AV	313.00	200	Vertical	Pass
6	15642.873	50.63	74.0	23.37	Peak	191.00	100	Vertical	Pass
6**	15642.873	42.32	54.0	11.68	AV	191.00	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	1623.823	40.63	74.0	33.37	Peak	40.00	300	Horizontal	Pass
1**	1623.823	32.27	54.0	21.73	AV	40.00	300	Horizontal	Pass
2	4173.287	49.91	74.0	24.09	Peak	80.00	400	Horizontal	Pass
2**	4173.287	37.01	54.0	16.99	AV	80.00	400	Horizontal	Pass
3	7371.917	52.05	74.0	21.95	Peak	185.00	200	Horizontal	Pass
3**	7371.917	46.39	54.0	7.61	AV	185.00	200	Horizontal	Pass
4	7610.813	53.48	74.0	20.52	Peak	222.00	100	Horizontal	Pass
4**	7610.813	45.41	54.0	8.59	AV	222.00	100	Horizontal	Pass
5	12517.770	50.80	74.0	23.20	Peak	198.00	300	Horizontal	Pass
5**	12517.770	40.64	54.0	13.36	AV	198.00	300	Horizontal	Pass
6	16134.728	56.38	74.0	17.62	Peak	97.00	300	Horizontal	Pass
6**	16134.728	44.23	54.0	9.77	AV	97.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.796	42.93	74.0	31.07	Peak	135.00	300	Vertical	Pass
1**	1333.796	33.84	54.0	20.16	AV	135.00	300	Vertical	Pass
2	1443.416	39.47	74.0	34.53	Peak	151.00	400	Vertical	Pass
2**	1443.416	38.44	54.0	15.56	AV	151.00	400	Vertical	Pass
3	4151.962	48.90	26.3	-22.57	Peak	255.00	200	Vertical	Pass
3**	4151.962	37.80	14.9	-22.89	AV	255.00	200	Vertical	Pass
4	7418.996	51.19	74.0	22.81	Peak	49.00	300	Vertical	Pass
4**	7418.996	44.95	54.0	9.05	AV	49.00	300	Vertical	Pass
5	12509.776	53.47	74.0	20.53	Peak	110.00	200	Vertical	Pass
5**	12509.776	46.21	54.0	7.79	AV	110.00	200	Vertical	Pass
6	15643.351	53.62	74.0	20.38	Peak	195.00	200	Vertical	Pass
6**	15643.351	41.13	54.0	12.87	AV	195.00	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	1627.776	37.17	74.0	36.83	Peak	343.00	400	Horizontal	Pass
1**	1627.776	28.77	54.0	25.23	AV	343.00	400	Horizontal	Pass
2	4174.661	44.20	74.0	29.80	Peak	180.00	300	Horizontal	Pass
2**	4174.661	36.18	54.0	17.82	AV	180.00	300	Horizontal	Pass
3	7366.308	51.72	74.0	22.28	Peak	221.00	200	Horizontal	Pass
3**	7366.308	46.23	54.0	7.77	AV	221.00	200	Horizontal	Pass
4	7613.472	53.95	74.0	20.05	Peak	187.00	300	Horizontal	Pass
4**	7613.472	42.80	54.0	11.20	AV	187.00	300	Horizontal	Pass
5	12518.674	54.71	74.0	19.29	Peak	242.00	100	Horizontal	Pass
5**	12518.674	41.87	54.0	12.13	AV	242.00	100	Horizontal	Pass
6	16134.693	56.13	74.0	17.87	Peak	158.00	300	Horizontal	Pass
6**	16134.693	45.03	54.0	8.97	AV	158.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.633	42.27	74.0	31.73	Peak	122.00	200	Vertical	Pass
1**	1333.633	34.14	54.0	19.86	AV	122.00	200	Vertical	Pass
2	1439.855	39.95	74.0	34.05	Peak	290.00	300	Vertical	Pass
2**	1439.855	37.85	54.0	16.15	AV	290.00	300	Vertical	Pass
3	4148.683	44.68	26.3	-18.35	Peak	266.00	200	Vertical	Pass
3**	4148.683	37.62	14.9	-22.71	AV	266.00	200	Vertical	Pass
4	7414.624	54.34	74.0	19.66	Peak	187.00	400	Vertical	Pass
4**	7414.624	41.47	54.0	12.53	AV	187.00	400	Vertical	Pass
5	12510.645	53.50	74.0	20.50	Peak	184.00	400	Vertical	Pass
5**	12510.645	44.49	54.0	9.51	AV	184.00	400	Vertical	Pass
6	15646.201	52.81	74.0	21.19	Peak	330.00	100	Vertical	Pass
6**	15646.201	42.59	54.0	11.41	AV	330.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.562	36.97	74.0	37.03	Peak	80.00	400	Horizontal	Pass
1**	1626.562	28.71	54.0	25.29	AV	80.00	400	Horizontal	Pass
2	4172.076	47.95	74.0	26.05	Peak	158.00	200	Horizontal	Pass
2**	4172.076	40.45	54.0	13.55	AV	158.00	200	Horizontal	Pass
3	7371.806	55.37	74.0	18.63	Peak	236.00	200	Horizontal	Pass
3**	7371.806	45.81	54.0	8.19	AV	236.00	200	Horizontal	Pass
4	7610.964	52.18	74.0	21.82	Peak	152.00	400	Horizontal	Pass
4**	7610.964	43.97	54.0	10.03	AV	152.00	400	Horizontal	Pass
5	12518.798	51.69	74.0	22.31	Peak	300.00	400	Horizontal	Pass
5**	12518.798	40.55	54.0	13.45	AV	300.00	400	Horizontal	Pass
6	16136.352	52.05	74.0	21.95	Peak	356.00	200	Horizontal	Pass
6**	16136.352	44.27	54.0	9.73	AV	356.00	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	1335.105	47.23	74.0	26.77	Peak	129.00	300	Vertical	Pass
1**	1335.105	31.38	54.0	22.62	AV	129.00	300	Vertical	Pass
2	1439.242	42.50	74.0	31.50	Peak	189.00	200	Vertical	Pass
2**	1439.242	35.28	54.0	18.72	AV	189.00	200	Vertical	Pass
3	4149.226	50.29	26.3	-23.96	Peak	327.00	200	Vertical	Pass
3**	4149.226	40.11	14.9	-25.20	AV	327.00	200	Vertical	Pass
4	7417.829	54.96	74.0	19.04	Peak	220.00	300	Vertical	Pass
4**	7417.829	44.78	54.0	9.22	AV	220.00	300	Vertical	Pass
5	12513.803	55.28	74.0	18.72	Peak	259.00	400	Vertical	Pass
5**	12513.803	44.52	54.0	9.48	AV	259.00	400	Vertical	Pass
6	15649.502	51.36	74.0	22.64	Peak	56.00	100	Vertical	Pass
6**	15649.502	43.30	54.0	10.70	AV	56.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.348	38.33	74.0	35.67	Peak	346.00	300	Horizontal	Pass
1**	1624.348	32.57	54.0	21.43	AV	346.00	300	Horizontal	Pass
2	4172.407	49.08	74.0	24.92	Peak	199.00	100	Horizontal	Pass
2**	4172.407	38.05	54.0	15.95	AV	199.00	100	Horizontal	Pass
3	7370.858	54.68	74.0	19.32	Peak	195.00	200	Horizontal	Pass
3**	7370.858	46.27	54.0	7.73	AV	195.00	200	Horizontal	Pass
4	7617.186	50.47	74.0	23.53	Peak	102.00	100	Horizontal	Pass
4**	7617.186	44.14	54.0	9.86	AV	102.00	100	Horizontal	Pass
5	12523.029	53.93	74.0	20.07	Peak	171.00	300	Horizontal	Pass
5**	12523.029	45.47	54.0	8.53	AV	171.00	300	Horizontal	Pass
6	16138.804	53.16	74.0	20.84	Peak	219.00	200	Horizontal	Pass
6**	16138.804	44.72	54.0	9.28	AV	219.00	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	1333.294	43.80	74.0	30.20	Peak	325.00	100	Vertical	Pass
1**	1333.294	31.89	54.0	22.11	AV	325.00	100	Vertical	Pass
2	1436.918	44.91	74.0	29.09	Peak	230.00	300	Vertical	Pass
2**	1436.918	35.64	54.0	18.36	AV	230.00	300	Vertical	Pass
3	4152.127	47.75	26.3	-21.42	Peak	192.00	200	Vertical	Pass
3**	4152.127	40.29	14.9	-25.38	AV	192.00	200	Vertical	Pass
4	7417.080	54.71	74.0	19.29	Peak	194.00	300	Vertical	Pass
4**	7417.080	43.10	54.0	10.90	AV	194.00	300	Vertical	Pass
5	12509.077	52.43	74.0	21.57	Peak	192.00	200	Vertical	Pass
5**	12509.077	47.22	54.0	6.78	AV	192.00	200	Vertical	Pass
6	15650.581	54.26	74.0	19.74	Peak	23.00	400	Vertical	Pass
6**	15650.581	44.23	54.0	9.77	AV	23.00	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	1438.231	44.29	74.0	29.71	Peak	226.00	100	Horizontal	Pass
1**	1438.231	41.85	54.0	12.15	AV	226.00	100	Horizontal	Pass
2	4150.267	47.50	74.0	26.50	Peak	287.00	300	Horizontal	Pass
2**	4150.267	39.60	54.0	14.40	AV	287.00	300	Horizontal	Pass
3	7369.127	50.47	74.0	23.53	Peak	148.00	200	Horizontal	Pass
3**	7369.127	45.31	54.0	8.69	AV	148.00	200	Horizontal	Pass
4	12463.327	55.78	74.0	18.22	Peak	43.00	400	Horizontal	Pass
4**	12463.327	45.59	54.0	8.41	AV	43.00	400	Horizontal	Pass
5	15883.038	51.78	74.0	22.22	Peak	127.00	300	Horizontal	Pass
5**	15883.038	41.95	54.0	12.05	AV	127.00	300	Horizontal	Pass
6	17421.172	53.99	74.0	20.01	Peak	256.00	200	Horizontal	Pass
6**	17421.172	47.35	54.0	6.65	AV	256.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.129	43.77	74.0	30.23	Peak	252.00	300	Vertical	Pass
1**	1335.129	30.82	54.0	23.18	AV	252.00	300	Vertical	Pass
2	1444.132	40.23	74.0	33.77	Peak	166.00	200	Vertical	Pass
2**	1444.132	36.90	54.0	17.10	AV	166.00	200	Vertical	Pass
3	4023.402	47.16	74.0	26.84	Peak	335.00	200	Vertical	Pass
3**	4023.402	36.84	54.0	17.16	AV	335.00	200	Vertical	Pass
4	4314.915	48.30	74.0	25.70	Peak	129.00	100	Vertical	Pass
4**	4314.915	34.67	54.0	19.33	AV	129.00	100	Vertical	Pass
5	7602.536	51.36	74.0	22.64	Peak	50.00	300	Vertical	Pass
5**	7602.536	46.69	54.0	7.31	AV	50.00	300	Vertical	Pass
6	17420.487	54.59	74.0	19.41	Peak	260.00	400	Vertical	Pass
6**	17420.487	48.76	54.0	5.24	AV	260.00	400	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	1444.232	45.87	74.0	28.13	Peak	194.00	400	Horizontal	Pass
1**	1444.232	36.77	54.0	17.23	AV	194.00	400	Horizontal	Pass
2	4149.467	45.43	74.0	28.57	Peak	270.00	200	Horizontal	Pass
2**	4149.467	37.00	54.0	17.00	AV	270.00	200	Horizontal	Pass
3	7364.690	54.26	74.0	19.74	Peak	256.00	200	Horizontal	Pass
3**	7364.690	42.61	54.0	11.39	AV	256.00	200	Horizontal	Pass
4	12461.573	55.92	74.0	18.08	Peak	111.00	200	Horizontal	Pass
4**	12461.573	45.08	54.0	8.92	AV	111.00	200	Horizontal	Pass
5	15880.154	55.32	74.0	18.68	Peak	198.00	200	Horizontal	Pass
5**	15880.154	44.24	54.0	9.76	AV	198.00	200	Horizontal	Pass
6	17422.963	58.16	74.0	15.84	Peak	153.00	300	Horizontal	Pass
6**	17422.963	44.54	54.0	9.46	AV	153.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.384	44.20	74.0	29.80	Peak	262.00	200	Vertical	Pass
1**	1336.384	33.60	54.0	20.40	AV	262.00	200	Vertical	Pass
2	1438.287	41.38	74.0	32.62	Peak	47.00	100	Vertical	Pass
2**	1438.287	39.84	54.0	14.16	AV	47.00	100	Vertical	Pass
3	4020.361	47.37	74.0	26.63	Peak	291.00	200	Vertical	Pass
3**	4020.361	39.86	54.0	14.14	AV	291.00	200	Vertical	Pass
4	4315.990	45.87	74.0	28.13	Peak	262.00	400	Vertical	Pass
4**	4315.990	39.96	54.0	14.04	AV	262.00	400	Vertical	Pass
5	7600.935	55.43	74.0	18.57	Peak	262.00	200	Vertical	Pass
5**	7600.935	47.20	54.0	6.80	AV	262.00	200	Vertical	Pass
6	17418.880	58.68	74.0	15.32	Peak	248.00	300	Vertical	Pass
6**	17418.880	46.43	54.0	7.57	AV	248.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.639	43.24	74.0	30.76	Peak	182.00	200	Horizontal	Pass
1**	1444.639	40.60	54.0	13.40	AV	182.00	200	Horizontal	Pass
2	4149.825	43.98	74.0	30.02	Peak	124.00	400	Horizontal	Pass
2**	4149.825	34.95	54.0	19.05	AV	124.00	400	Horizontal	Pass
3	7366.665	50.08	74.0	23.92	Peak	289.00	200	Horizontal	Pass
3**	7366.665	41.18	54.0	12.82	AV	289.00	200	Horizontal	Pass
4	12465.079	52.39	74.0	21.61	Peak	70.00	200	Horizontal	Pass
4**	12465.079	45.91	54.0	8.09	AV	70.00	200	Horizontal	Pass
5	15878.388	52.69	74.0	21.31	Peak	139.00	400	Horizontal	Pass
5**	15878.388	44.15	54.0	9.85	AV	139.00	400	Horizontal	Pass
6	17422.356	55.46	74.0	18.54	Peak	33.00	200	Horizontal	Pass
6**	17422.356	46.46	54.0	7.54	AV	33.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.785	43.30	74.0	30.70	Peak	199.00	400	Vertical	Pass
1**	1335.785	33.45	54.0	20.55	AV	199.00	400	Vertical	Pass
2	1442.800	42.95	74.0	31.05	Peak	106.00	200	Vertical	Pass
2**	1442.800	38.15	54.0	15.85	AV	106.00	200	Vertical	Pass
3	4023.081	42.99	74.0	31.01	Peak	334.00	200	Vertical	Pass
3**	4023.081	39.47	54.0	14.53	AV	334.00	200	Vertical	Pass
4	4310.163	45.44	74.0	28.56	Peak	360.00	400	Vertical	Pass
4**	4310.163	35.11	54.0	18.89	AV	360.00	400	Vertical	Pass
5	7602.223	51.06	74.0	22.94	Peak	102.00	400	Vertical	Pass
5**	7602.223	41.83	54.0	12.17	AV	102.00	400	Vertical	Pass
6	17418.223	53.70	74.0	20.30	Peak	2.00	100	Vertical	Pass
6**	17418.223	46.54	54.0	7.46	AV	2.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.344	44.64	74.0	29.36	Peak	202.00	200	Horizontal	Pass
1**	1437.344	36.23	54.0	17.77	AV	202.00	200	Horizontal	Pass
2	4149.234	46.27	74.0	27.73	Peak	183.00	200	Horizontal	Pass
2**	4149.234	34.84	54.0	19.16	AV	183.00	200	Horizontal	Pass
3	7366.436	49.81	74.0	24.19	Peak	262.00	200	Horizontal	Pass
3**	7366.436	43.36	54.0	10.64	AV	262.00	200	Horizontal	Pass
4	12467.972	51.83	74.0	22.17	Peak	173.00	200	Horizontal	Pass
4**	12467.972	45.58	54.0	8.42	AV	173.00	200	Horizontal	Pass
5	15882.059	51.66	74.0	22.34	Peak	345.00	400	Horizontal	Pass
5**	15882.059	46.94	54.0	7.06	AV	345.00	400	Horizontal	Pass
6	17419.790	55.68	74.0	18.32	Peak	31.00	300	Horizontal	Pass
6**	17419.790	48.51	54.0	5.49	AV	31.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.979	42.07	74.0	31.93	Peak	264.00	200	Vertical	Pass
1**	1332.979	35.72	54.0	18.28	AV	264.00	200	Vertical	Pass
2	1442.319	43.88	74.0	30.12	Peak	52.00	400	Vertical	Pass
2**	1442.319	35.42	54.0	18.58	AV	52.00	400	Vertical	Pass
3	4022.640	48.76	74.0	25.24	Peak	155.00	200	Vertical	Pass
3**	4022.640	40.29	54.0	13.71	AV	155.00	200	Vertical	Pass
4	4314.951	45.53	74.0	28.47	Peak	242.00	100	Vertical	Pass
4**	4314.951	37.44	54.0	16.56	AV	242.00	100	Vertical	Pass
5	7597.773	55.38	74.0	18.62	Peak	128.00	100	Vertical	Pass
5**	7597.773	45.39	54.0	8.61	AV	128.00	100	Vertical	Pass
6	17420.650	56.68	74.0	17.32	Peak	96.00	100	Vertical	Pass
6**	17420.650	45.55	54.0	8.45	AV	96.00	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	1442.368	44.13	74.0	29.87	Peak	92.00	100	Horizontal	Pass
1**	1442.368	41.85	54.0	12.15	AV	92.00	100	Horizontal	Pass
2	4149.078	46.61	74.0	27.39	Peak	27.00	400	Horizontal	Pass
2**	4149.078	38.40	54.0	15.60	AV	27.00	400	Horizontal	Pass
3	7364.463	53.89	74.0	20.11	Peak	234.00	200	Horizontal	Pass
3**	7364.463	43.82	54.0	10.18	AV	234.00	200	Horizontal	Pass
4	12464.037	51.66	74.0	22.34	Peak	216.00	300	Horizontal	Pass
4**	12464.037	41.77	54.0	12.23	AV	216.00	300	Horizontal	Pass
5	15882.775	52.27	74.0	21.73	Peak	268.00	100	Horizontal	Pass
5**	15882.775	46.71	54.0	7.29	AV	268.00	100	Horizontal	Pass
6	17419.535	53.96	74.0	20.04	Peak	203.00	100	Horizontal	Pass
6**	17419.535	49.86	54.0	4.14	AV	203.00	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	1331.682	46.02	74.0	27.98	Peak	43.00	400	Vertical	Pass
1**	1331.682	34.99	54.0	19.01	AV	43.00	400	Vertical	Pass
2	1437.868	43.28	74.0	30.72	Peak	254.00	200	Vertical	Pass
2**	1437.868	35.24	54.0	18.76	AV	254.00	200	Vertical	Pass
3	4021.237	48.06	74.0	25.94	Peak	286.00	200	Vertical	Pass
3**	4021.237	41.23	54.0	12.77	AV	286.00	200	Vertical	Pass
4	4310.969	48.50	74.0	25.50	Peak	89.00	300	Vertical	Pass
4**	4310.969	39.24	54.0	14.76	AV	89.00	300	Vertical	Pass
5	7601.219	53.31	74.0	20.69	Peak	83.00	300	Vertical	Pass
5**	7601.219	42.59	54.0	11.41	AV	83.00	300	Vertical	Pass
6	17421.318	54.60	74.0	19.40	Peak	134.00	300	Vertical	Pass
6**	17421.318	46.96	54.0	7.04	AV	134.00	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	1439.636	47.01	74.0	26.99	Peak	281.00	100	Horizontal	Pass
1**	1439.636	41.74	54.0	12.26	AV	281.00	100	Horizontal	Pass
2	4148.820	46.17	74.0	27.83	Peak	356.00	100	Horizontal	Pass
2**	4148.820	36.90	54.0	17.10	AV	356.00	100	Horizontal	Pass
3	7368.732	52.95	74.0	21.05	Peak	69.00	200	Horizontal	Pass
3**	7368.732	42.43	54.0	11.57	AV	69.00	200	Horizontal	Pass
4	12465.307	50.87	74.0	23.13	Peak	289.00	300	Horizontal	Pass
4**	12465.307	44.10	54.0	9.90	AV	289.00	300	Horizontal	Pass
5	15878.502	53.79	74.0	20.21	Peak	211.00	400	Horizontal	Pass
5**	15878.502	43.64	54.0	10.36	AV	211.00	400	Horizontal	Pass
6	17422.980	53.16	74.0	20.84	Peak	109.00	300	Horizontal	Pass
6**	17422.980	48.78	54.0	5.22	AV	109.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.749	45.82	74.0	28.18	Peak	79.00	200	Vertical	Pass
1**	1330.749	30.76	54.0	23.24	AV	79.00	200	Vertical	Pass
2	1439.937	40.51	74.0	33.49	Peak	322.00	100	Vertical	Pass
2**	1439.937	37.13	54.0	16.87	AV	322.00	100	Vertical	Pass
3	4020.937	46.03	74.0	27.97	Peak	349.00	200	Vertical	Pass
3**	4020.937	38.73	54.0	15.27	AV	349.00	200	Vertical	Pass
4	4315.067	48.13	74.0	25.87	Peak	187.00	100	Vertical	Pass
4**	4315.067	36.70	54.0	17.30	AV	187.00	100	Vertical	Pass
5	7602.329	50.59	74.0	23.41	Peak	141.00	300	Vertical	Pass
5**	7602.329	46.47	54.0	7.53	AV	141.00	300	Vertical	Pass
6	17419.499	54.82	74.0	19.18	Peak	198.00	400	Vertical	Pass
6**	17419.499	49.58	54.0	4.42	AV	198.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.572	47.81	74.0	26.19	Peak	235.00	400	Horizontal	Pass
1**	1443.572	39.11	54.0	14.89	AV	235.00	400	Horizontal	Pass
2	4149.599	46.40	74.0	27.60	Peak	86.00	300	Horizontal	Pass
2**	4149.599	37.82	54.0	16.18	AV	86.00	300	Horizontal	Pass
3	7369.323	52.45	74.0	21.55	Peak	195.00	200	Horizontal	Pass
3**	7369.323	45.06	54.0	8.94	AV	195.00	200	Horizontal	Pass
4	12467.497	55.32	74.0	18.68	Peak	339.00	300	Horizontal	Pass
4**	12467.497	44.96	54.0	9.04	AV	339.00	300	Horizontal	Pass
5	15882.070	56.54	74.0	17.46	Peak	264.00	100	Horizontal	Pass
5**	15882.070	44.73	54.0	9.27	AV	264.00	100	Horizontal	Pass
6	17420.658	56.57	74.0	17.43	Peak	282.00	300	Horizontal	Pass
6**	17420.658	45.33	54.0	8.67	AV	282.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.739	44.05	74.0	29.95	Peak	71.00	100	Vertical	Pass
1**	1332.739	36.24	54.0	17.76	AV	71.00	100	Vertical	Pass
2	1436.373	43.72	74.0	30.28	Peak	203.00	100	Vertical	Pass
2**	1436.373	39.61	54.0	14.39	AV	203.00	100	Vertical	Pass
3	4017.431	43.51	74.0	30.49	Peak	110.00	200	Vertical	Pass
3**	4017.431	39.54	54.0	14.46	AV	110.00	200	Vertical	Pass
4	4310.044	45.15	74.0	28.85	Peak	238.00	100	Vertical	Pass
4**	4310.044	37.25	54.0	16.75	AV	238.00	100	Vertical	Pass
5	7602.985	51.50	74.0	22.50	Peak	270.00	400	Vertical	Pass
5**	7602.985	42.07	54.0	11.93	AV	270.00	400	Vertical	Pass
6	17422.866	56.35	74.0	17.65	Peak	150.00	100	Vertical	Pass
6**	17422.866	49.33	54.0	4.67	AV	150.00	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	1438.485	43.77	74.0	30.23	Peak	35.00	200	Horizontal	Pass
1**	1438.485	41.52	54.0	12.48	AV	35.00	200	Horizontal	Pass
2	4150.691	48.96	74.0	25.04	Peak	241.00	400	Horizontal	Pass
2**	4150.691	35.21	54.0	18.79	AV	241.00	400	Horizontal	Pass
3	7365.600	51.90	74.0	22.10	Peak	249.00	200	Horizontal	Pass
3**	7365.600	45.19	54.0	8.81	AV	249.00	200	Horizontal	Pass
4	12463.029	54.60	74.0	19.40	Peak	346.00	300	Horizontal	Pass
4**	12463.029	45.94	54.0	8.06	AV	346.00	300	Horizontal	Pass
5	15878.523	53.84	74.0	20.16	Peak	199.00	300	Horizontal	Pass
5**	15878.523	41.87	54.0	12.13	AV	199.00	300	Horizontal	Pass
6	17417.827	56.68	74.0	17.32	Peak	86.00	100	Horizontal	Pass
6**	17417.827	47.30	54.0	6.70	AV	86.00	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	1332.842	43.09	74.0	30.91	Peak	84.00	100	Vertical	Pass
1**	1332.842	35.87	54.0	18.13	AV	84.00	100	Vertical	Pass
2	1436.415	43.86	74.0	30.14	Peak	279.00	200	Vertical	Pass
2**	1436.415	34.58	54.0	19.42	AV	279.00	200	Vertical	Pass
3	4024.014	43.15	74.0	30.85	Peak	103.00	200	Vertical	Pass
3**	4024.014	37.71	54.0	16.29	AV	103.00	200	Vertical	Pass
4	4310.475	47.87	74.0	26.13	Peak	213.00	100	Vertical	Pass
4**	4310.475	39.16	54.0	14.84	AV	213.00	100	Vertical	Pass
5	7598.481	54.77	74.0	19.23	Peak	168.00	100	Vertical	Pass
5**	7598.481	42.14	54.0	11.86	AV	168.00	100	Vertical	Pass
6	17417.744	54.66	74.0	19.34	Peak	231.00	100	Vertical	Pass
6**	17417.744	44.79	54.0	9.21	AV	231.00	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	1443.897	44.35	74.0	29.65	Peak	50.00	100	Horizontal	Pass
1**	1443.897	37.02	54.0	16.98	AV	50.00	100	Horizontal	Pass
2	4148.300	44.99	74.0	29.01	Peak	57.00	300	Horizontal	Pass
2**	4148.300	38.63	54.0	15.37	AV	57.00	300	Horizontal	Pass
3	7364.299	54.76	74.0	19.24	Peak	232.00	200	Horizontal	Pass
3**	7364.299	46.39	54.0	7.61	AV	232.00	200	Horizontal	Pass
4	12464.675	54.44	74.0	19.56	Peak	143.00	100	Horizontal	Pass
4**	12464.675	47.26	54.0	6.74	AV	143.00	100	Horizontal	Pass
5	15883.664	54.27	74.0	19.73	Peak	226.00	200	Horizontal	Pass
5**	15883.664	44.15	54.0	9.85	AV	226.00	200	Horizontal	Pass
6	17421.108	58.96	74.0	15.04	Peak	246.00	100	Horizontal	Pass
6**	17421.108	48.28	54.0	5.72	AV	246.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.869	47.52	74.0	26.48	Peak	193.00	100	Vertical	Pass
1**	1334.869	32.40	54.0	21.60	AV	193.00	100	Vertical	Pass
2	1443.944	41.84	74.0	32.16	Peak	185.00	100	Vertical	Pass
2**	1443.944	39.32	54.0	14.68	AV	185.00	100	Vertical	Pass
3	4023.868	48.77	74.0	25.23	Peak	247.00	200	Vertical	Pass
3**	4023.868	37.78	54.0	16.22	AV	247.00	200	Vertical	Pass
4	4311.331	46.34	74.0	27.66	Peak	312.00	400	Vertical	Pass
4**	4311.331	36.40	54.0	17.60	AV	312.00	400	Vertical	Pass
5	7600.188	50.23	74.0	23.77	Peak	193.00	200	Vertical	Pass
5**	7600.188	45.38	54.0	8.62	AV	193.00	200	Vertical	Pass
6	17421.685	56.34	74.0	17.66	Peak	90.00	100	Vertical	Pass
6**	17421.685	48.40	54.0	5.60	AV	90.00	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	1440.560	43.48	74.0	30.52	Peak	282.00	400	Horizontal	Pass
1**	1440.560	37.44	54.0	16.56	AV	282.00	400	Horizontal	Pass
2	4148.722	49.63	74.0	24.37	Peak	247.00	100	Horizontal	Pass
2**	4148.722	36.71	54.0	17.29	AV	247.00	100	Horizontal	Pass
3	7365.448	53.51	74.0	20.49	Peak	177.00	200	Horizontal	Pass
3**	7365.448	41.41	54.0	12.59	AV	177.00	200	Horizontal	Pass
4	12462.895	53.28	74.0	20.72	Peak	146.00	400	Horizontal	Pass
4**	12462.895	43.84	54.0	10.16	AV	146.00	400	Horizontal	Pass
5	15880.496	56.04	74.0	17.96	Peak	259.00	200	Horizontal	Pass
5**	15880.496	43.91	54.0	10.09	AV	259.00	200	Horizontal	Pass
6	17416.015	54.84	74.0	19.16	Peak	86.00	300	Horizontal	Pass
6**	17416.015	48.71	54.0	5.29	AV	86.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.747	45.08	74.0	28.92	Peak	63.00	300	Vertical	Pass
1**	1336.747	31.75	54.0	22.25	AV	63.00	300	Vertical	Pass
2	1442.522	43.57	74.0	30.43	Peak	108.00	200	Vertical	Pass
2**	1442.522	39.77	54.0	14.23	AV	108.00	200	Vertical	Pass
3	4020.949	43.71	74.0	30.29	Peak	249.00	200	Vertical	Pass
3**	4020.949	40.49	54.0	13.51	AV	249.00	200	Vertical	Pass
4	4313.735	48.40	74.0	25.60	Peak	317.00	400	Vertical	Pass
4**	4313.735	39.12	54.0	14.88	AV	317.00	400	Vertical	Pass
5	7597.695	53.90	74.0	20.10	Peak	200.00	100	Vertical	Pass
5**	7597.695	43.02	54.0	10.98	AV	200.00	100	Vertical	Pass
6	17420.072	56.38	74.0	17.62	Peak	204.00	400	Vertical	Pass
6**	17420.072	47.99	54.0	6.01	AV	204.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.594	43.69	74.0	30.31	Peak	87.00	200	Horizontal	Pass
1**	1443.594	39.47	54.0	14.53	AV	87.00	200	Horizontal	Pass
2	4148.867	47.34	74.0	26.66	Peak	304.00	400	Horizontal	Pass
2**	4148.867	37.58	54.0	16.42	AV	304.00	400	Horizontal	Pass
3	7366.635	53.84	74.0	20.16	Peak	64.00	200	Horizontal	Pass
3**	7366.635	41.26	54.0	12.74	AV	64.00	200	Horizontal	Pass
4	12464.397	53.24	74.0	20.76	Peak	249.00	300	Horizontal	Pass
4**	12464.397	47.41	54.0	6.59	AV	249.00	300	Horizontal	Pass
5	15882.604	51.40	74.0	22.60	Peak	165.00	200	Horizontal	Pass
5**	15882.604	44.45	54.0	9.55	AV	165.00	200	Horizontal	Pass
6	17420.656	58.14	74.0	15.86	Peak	70.00	400	Horizontal	Pass
6**	17420.656	48.91	54.0	5.09	AV	70.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.776	45.15	74.0	28.85	Peak	249.00	200	Vertical	Pass
1**	1335.776	33.93	54.0	20.07	AV	249.00	200	Vertical	Pass
2	1442.126	43.62	74.0	30.38	Peak	278.00	300	Vertical	Pass
2**	1442.126	34.34	54.0	19.66	AV	278.00	300	Vertical	Pass
3	4017.282	46.76	74.0	27.24	Peak	343.00	200	Vertical	Pass
3**	4017.282	40.59	54.0	13.41	AV	343.00	200	Vertical	Pass
4	4310.961	46.88	74.0	27.12	Peak	318.00	400	Vertical	Pass
4**	4310.961	39.50	54.0	14.50	AV	318.00	400	Vertical	Pass
5	7598.548	54.10	74.0	19.90	Peak	353.00	400	Vertical	Pass
5**	7598.548	45.54	54.0	8.46	AV	353.00	400	Vertical	Pass
6	17422.850	53.77	74.0	20.23	Peak	225.00	300	Vertical	Pass
6**	17422.850	48.83	54.0	5.17	AV	225.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.841	43.53	74.0	30.47	Peak	133.00	200	Horizontal	Pass
1**	1440.841	39.30	54.0	14.70	AV	133.00	200	Horizontal	Pass
2	4151.904	49.92	74.0	24.08	Peak	55.00	400	Horizontal	Pass
2**	4151.904	40.23	54.0	13.77	AV	55.00	400	Horizontal	Pass
3	7366.942	55.17	74.0	18.83	Peak	11.00	200	Horizontal	Pass
3**	7366.942	41.85	54.0	12.15	AV	11.00	200	Horizontal	Pass
4	12467.251	54.05	74.0	19.95	Peak	19.00	100	Horizontal	Pass
4**	12467.251	43.04	54.0	10.96	AV	19.00	100	Horizontal	Pass
5	15880.369	52.83	74.0	21.17	Peak	49.00	400	Horizontal	Pass
5**	15880.369	41.91	54.0	12.09	AV	49.00	400	Horizontal	Pass
6	17419.576	58.30	74.0	15.70	Peak	144.00	100	Horizontal	Pass
6**	17419.576	47.27	54.0	6.73	AV	144.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1337.330	42.21	74.0	31.79	Peak	347.00	100	Vertical	Pass
1**	1337.330	34.73	54.0	19.27	AV	347.00	100	Vertical	Pass
2	1444.023	42.40	74.0	31.60	Peak	162.00	200	Vertical	Pass
2**	1444.023	34.23	54.0	19.77	AV	162.00	200	Vertical	Pass
3	4019.911	45.62	74.0	28.38	Peak	223.00	200	Vertical	Pass
3**	4019.911	38.33	54.0	15.67	AV	223.00	200	Vertical	Pass
4	4313.550	47.42	74.0	26.58	Peak	346.00	200	Vertical	Pass
4**	4313.550	35.35	54.0	18.65	AV	346.00	200	Vertical	Pass
5	7603.046	52.30	74.0	21.70	Peak	68.00	400	Vertical	Pass
5**	7603.046	44.33	54.0	9.67	AV	68.00	400	Vertical	Pass
6	17423.343	58.63	74.0	15.37	Peak	349.00	300	Vertical	Pass
6**	17423.343	49.43	54.0	4.57	AV	349.00	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	1438.843	45.84	74.0	28.16	Peak	43.00	400	Horizontal	Pass
1**	1438.843	38.55	54.0	15.45	AV	43.00	400	Horizontal	Pass
2	4148.493	49.72	74.0	24.28	Peak	102.00	200	Horizontal	Pass
2**	4148.493	36.87	54.0	17.13	AV	102.00	200	Horizontal	Pass
3	7369.047	54.46	74.0	19.54	Peak	309.00	200	Horizontal	Pass
3**	7369.047	44.97	54.0	9.03	AV	309.00	200	Horizontal	Pass
4	12460.580	55.86	74.0	18.14	Peak	225.00	100	Horizontal	Pass
4**	12460.580	45.47	54.0	8.53	AV	225.00	100	Horizontal	Pass
5	15883.349	52.19	74.0	21.81	Peak	348.00	400	Horizontal	Pass
5**	15883.349	47.11	54.0	6.89	AV	348.00	400	Horizontal	Pass
6	17418.492	56.83	74.0	17.17	Peak	314.00	300	Horizontal	Pass
6**	17418.492	49.19	54.0	4.81	AV	314.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.293	45.40	74.0	28.60	Peak	62.00	200	Vertical	Pass
1**	1334.293	35.09	54.0	18.91	AV	62.00	200	Vertical	Pass
2	1443.776	43.31	74.0	30.69	Peak	344.00	200	Vertical	Pass
2**	1443.776	35.52	54.0	18.48	AV	344.00	200	Vertical	Pass
3	4023.844	45.67	74.0	28.33	Peak	281.00	200	Vertical	Pass
3**	4023.844	41.77	54.0	12.23	AV	281.00	200	Vertical	Pass
4	4314.310	47.53	74.0	26.47	Peak	247.00	300	Vertical	Pass
4**	4314.310	38.77	54.0	15.23	AV	247.00	300	Vertical	Pass
5	7603.193	51.64	74.0	22.36	Peak	177.00	400	Vertical	Pass
5**	7603.193	46.59	54.0	7.41	AV	177.00	400	Vertical	Pass
6	17421.551	53.37	74.0	20.63	Peak	0.00	100	Vertical	Pass
6**	17421.551	46.53	54.0	7.47	AV	0.00	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	1444.528	47.17	74.0	26.83	Peak	281.00	400	Horizontal	Pass
1**	1444.528	38.31	54.0	15.69	AV	281.00	400	Horizontal	Pass
2	4152.163	44.50	74.0	29.50	Peak	17.00	300	Horizontal	Pass
2**	4152.163	35.47	54.0	18.53	AV	17.00	300	Horizontal	Pass
3	7369.937	50.64	74.0	23.36	Peak	135.00	200	Horizontal	Pass
3**	7369.937	43.19	54.0	10.81	AV	135.00	200	Horizontal	Pass
4	12463.814	53.25	74.0	20.75	Peak	75.00	400	Horizontal	Pass
4**	12463.814	44.54	54.0	9.46	AV	75.00	400	Horizontal	Pass
5	15878.054	52.41	74.0	21.59	Peak	330.00	400	Horizontal	Pass
5**	15878.054	42.87	54.0	11.13	AV	330.00	400	Horizontal	Pass
6	17422.686	56.88	74.0	17.12	Peak	241.00	400	Horizontal	Pass
6**	17422.686	49.95	54.0	4.05	AV	241.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.009	47.09	74.0	26.91	Peak	113.00	300	Vertical	Pass
1**	1335.009	33.67	54.0	20.33	AV	113.00	300	Vertical	Pass
2	1437.425	44.65	74.0	29.35	Peak	286.00	200	Vertical	Pass
2**	1437.425	34.94	54.0	19.06	AV	286.00	200	Vertical	Pass
3	4021.617	44.66	74.0	29.34	Peak	0.00	200	Vertical	Pass
3**	4021.617	35.97	54.0	18.03	AV	0.00	200	Vertical	Pass
4	4309.815	47.28	74.0	26.72	Peak	29.00	400	Vertical	Pass
4**	4309.815	36.64	54.0	17.36	AV	29.00	400	Vertical	Pass
5	7602.790	51.57	74.0	22.43	Peak	337.00	100	Vertical	Pass
5**	7602.790	42.61	54.0	11.39	AV	337.00	100	Vertical	Pass
6	17416.375	54.48	74.0	19.52	Peak	3.00	300	Vertical	Pass
6**	17416.375	47.19	54.0	6.81	AV	3.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.309	37.28	74.0	36.72	Peak	334.00	200	Horizontal	Pass
1**	1596.309	31.46	54.0	22.54	AV	334.00	200	Horizontal	Pass
2	2265.221	45.13	74.0	28.87	Peak	312.00	100	Horizontal	Pass
2**	2265.221	37.42	54.0	16.58	AV	312.00	100	Horizontal	Pass
3	4264.096	44.94	74.0	29.06	Peak	147.00	200	Horizontal	Pass
3**	4264.096	39.69	54.0	14.31	AV	147.00	200	Horizontal	Pass
4	7582.558	52.64	74.0	21.36	Peak	207.00	300	Horizontal	Pass
4**	7582.558	45.24	54.0	8.76	AV	207.00	300	Horizontal	Pass
5	12507.522	54.83	74.0	19.17	Peak	79.00	400	Horizontal	Pass
5**	12507.522	42.34	54.0	11.66	AV	79.00	400	Horizontal	Pass
6	16095.983	56.90	74.0	17.10	Peak	13.00	200	Horizontal	Pass
6**	16095.983	45.12	54.0	8.88	AV	13.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.638	40.33	74.0	33.67	Peak	139.00	100	Vertical	Pass
1**	1597.638	27.58	54.0	26.42	AV	139.00	100	Vertical	Pass
2	2228.583	40.72	74.0	33.28	Peak	166.00	100	Vertical	Pass
2**	2228.583	33.80	54.0	20.20	AV	166.00	100	Vertical	Pass
3	4258.962	45.78	74.0	28.22	Peak	57.00	200	Vertical	Pass
3**	4258.962	40.72	54.0	13.28	AV	57.00	200	Vertical	Pass
4	7705.416	56.19	74.0	17.81	Peak	41.00	300	Vertical	Pass
4**	7705.416	39.54	54.0	14.46	AV	41.00	300	Vertical	Pass
5	12497.104	51.21	74.0	22.79	Peak	60.00	400	Vertical	Pass
5**	12497.104	43.65	54.0	10.35	AV	60.00	400	Vertical	Pass
6	15675.163	55.96	74.0	18.04	Peak	242.00	200	Vertical	Pass
6**	15675.163	44.96	54.0	9.04	AV	242.00	200	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	1597.597	33.61	74.0	40.39	Peak	173.00	100	Horizontal	Pass
1**	1597.597	30.81	54.0	23.19	AV	173.00	100	Horizontal	Pass
2	2260.674	47.73	74.0	26.27	Peak	207.00	400	Horizontal	Pass
2**	2260.674	34.87	54.0	19.13	AV	207.00	400	Horizontal	Pass
3	4261.691	44.06	74.0	29.94	Peak	324.00	200	Horizontal	Pass
3**	4261.691	41.71	54.0	12.29	AV	324.00	200	Horizontal	Pass
4	7587.008	52.34	74.0	21.66	Peak	297.00	100	Horizontal	Pass
4**	7587.008	46.35	54.0	7.65	AV	297.00	100	Horizontal	Pass
5	12509.360	54.65	74.0	19.35	Peak	158.00	400	Horizontal	Pass
5**	12509.360	43.27	54.0	10.73	AV	158.00	400	Horizontal	Pass
6	16095.808	56.39	74.0	17.61	Peak	114.00	200	Horizontal	Pass
6**	16095.808	45.55	54.0	8.45	AV	114.00	200	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	1601.658	37.78	74.0	36.22	Peak	111.00	100	Vertical	Pass
1**	1601.658	28.78	54.0	25.22	AV	111.00	100	Vertical	Pass
2	2231.151	39.05	74.0	34.95	Peak	286.00	300	Vertical	Pass
2**	2231.151	29.16	54.0	24.84	AV	286.00	300	Vertical	Pass
3	4256.696	50.81	74.0	23.19	Peak	229.00	200	Vertical	Pass
3**	4256.696	36.63	54.0	17.37	AV	229.00	200	Vertical	Pass
4	7706.851	54.94	74.0	19.06	Peak	57.00	300	Vertical	Pass
4**	7706.851	45.35	54.0	8.65	AV	57.00	300	Vertical	Pass
5	12495.383	52.93	74.0	21.07	Peak	149.00	100	Vertical	Pass
5**	12495.383	46.14	54.0	7.86	AV	149.00	100	Vertical	Pass
6	15669.341	58.42	74.0	15.58	Peak	332.00	100	Vertical	Pass
6**	15669.341	42.26	54.0	11.74	AV	332.00	100	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	1592.836	35.92	74.0	38.08	Peak	138.00	200	Horizontal	Pass
1**	1592.836	27.12	54.0	26.88	AV	138.00	200	Horizontal	Pass
2	2262.092	48.17	74.0	25.83	Peak	49.00	200	Horizontal	Pass
2**	2262.092	36.21	54.0	17.79	AV	49.00	200	Horizontal	Pass
3	4262.755	43.75	74.0	30.25	Peak	7.00	200	Horizontal	Pass
3**	4262.755	40.35	54.0	13.65	AV	7.00	200	Horizontal	Pass
4	7586.612	50.04	74.0	23.96	Peak	278.00	200	Horizontal	Pass
4**	7586.612	43.72	54.0	10.28	AV	278.00	200	Horizontal	Pass
5	12507.024	54.24	74.0	19.76	Peak	295.00	200	Horizontal	Pass
5**	12507.024	48.21	54.0	5.79	AV	295.00	200	Horizontal	Pass
6	16098.807	55.79	74.0	18.21	Peak	114.00	400	Horizontal	Pass
6**	16098.807	45.62	54.0	8.38	AV	114.00	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	1599.132	41.31	74.0	32.69	Peak	248.00	200	Vertical	Pass
1**	1599.132	26.20	54.0	27.80	AV	248.00	200	Vertical	Pass
2	2228.118	40.00	74.0	34.00	Peak	145.00	400	Vertical	Pass
2**	2228.118	28.77	54.0	25.23	AV	145.00	400	Vertical	Pass
3	4261.369	48.74	74.0	25.26	Peak	136.00	200	Vertical	Pass
3**	4261.369	39.89	54.0	14.11	AV	136.00	200	Vertical	Pass
4	7704.576	54.18	74.0	19.82	Peak	286.00	300	Vertical	Pass
4**	7704.576	42.34	54.0	11.66	AV	286.00	300	Vertical	Pass
5	12499.105	51.82	74.0	22.18	Peak	6.00	200	Vertical	Pass
5**	12499.105	44.47	54.0	9.53	AV	6.00	200	Vertical	Pass
6	15671.320	58.14	74.0	15.86	Peak	332.00	200	Vertical	Pass
6**	15671.320	43.63	54.0	10.37	AV	332.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.183	38.33	74.0	35.67	Peak	27.00	100	Horizontal	Pass
1**	1596.183	30.41	54.0	23.59	AV	27.00	100	Horizontal	Pass
2	2261.805	45.35	74.0	28.65	Peak	70.00	100	Horizontal	Pass
2**	2261.805	36.60	54.0	17.40	AV	70.00	100	Horizontal	Pass
3	4265.304	45.68	74.0	28.32	Peak	206.00	200	Horizontal	Pass
3**	4265.304	40.32	54.0	13.68	AV	206.00	200	Horizontal	Pass
4	7588.378	54.89	74.0	19.11	Peak	147.00	200	Horizontal	Pass
4**	7588.378	41.90	54.0	12.10	AV	147.00	200	Horizontal	Pass
5	12511.491	55.45	74.0	18.55	Peak	228.00	100	Horizontal	Pass
5**	12511.491	45.57	54.0	8.43	AV	228.00	100	Horizontal	Pass
6	16093.697	57.96	74.0	16.04	Peak	206.00	200	Horizontal	Pass
6**	16093.697	40.99	54.0	13.01	AV	206.00	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	1596.039	37.60	74.0	36.40	Peak	25.00	400	Vertical	Pass
1**	1596.039	25.96	54.0	28.04	AV	25.00	400	Vertical	Pass
2	2228.590	42.51	74.0	31.49	Peak	25.00	300	Vertical	Pass
2**	2228.590	30.74	54.0	23.26	AV	25.00	300	Vertical	Pass
3	4256.395	46.01	74.0	27.99	Peak	216.00	200	Vertical	Pass
3**	4256.395	36.45	54.0	17.55	AV	216.00	200	Vertical	Pass
4	7706.209	53.42	74.0	20.58	Peak	153.00	300	Vertical	Pass
4**	7706.209	41.11	54.0	12.89	AV	153.00	300	Vertical	Pass
5	12500.145	54.60	74.0	19.40	Peak	24.00	100	Vertical	Pass
5**	12500.145	41.04	54.0	12.96	AV	24.00	100	Vertical	Pass
6	15673.693	57.57	74.0	16.43	Peak	82.00	300	Vertical	Pass
6**	15673.693	39.87	54.0	14.13	AV	82.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.903	33.36	74.0	40.64	Peak	347.00	100	Horizontal	Pass
1**	1592.903	30.06	54.0	23.94	AV	347.00	100	Horizontal	Pass
2	2263.621	43.94	74.0	30.06	Peak	21.00	300	Horizontal	Pass
2**	2263.621	37.96	54.0	16.04	AV	21.00	300	Horizontal	Pass
3	4261.634	45.07	74.0	28.93	Peak	338.00	200	Horizontal	Pass
3**	4261.634	40.43	54.0	13.57	AV	338.00	200	Horizontal	Pass
4	7582.737	51.68	74.0	22.32	Peak	277.00	300	Horizontal	Pass
4**	7582.737	47.22	54.0	6.78	AV	277.00	300	Horizontal	Pass
5	12506.339	50.73	74.0	23.27	Peak	180.00	200	Horizontal	Pass
5**	12506.339	46.04	54.0	7.96	AV	180.00	200	Horizontal	Pass
6	16100.944	56.61	74.0	17.39	Peak	79.00	100	Horizontal	Pass
6**	16100.944	44.26	54.0	9.74	AV	79.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.474	40.22	74.0	33.78	Peak	137.00	100	Vertical	Pass
1**	1596.474	26.95	54.0	27.05	AV	137.00	100	Vertical	Pass
2	2223.728	43.65	74.0	30.35	Peak	352.00	200	Vertical	Pass
2**	2223.728	31.36	54.0	22.64	AV	352.00	200	Vertical	Pass
3	4258.784	44.95	74.0	29.05	Peak	115.00	200	Vertical	Pass
3**	4258.784	38.08	54.0	15.92	AV	115.00	200	Vertical	Pass
4	7711.417	53.88	74.0	20.12	Peak	89.00	300	Vertical	Pass
4**	7711.417	45.01	54.0	8.99	AV	89.00	300	Vertical	Pass
5	12498.050	55.20	74.0	18.80	Peak	300.00	400	Vertical	Pass
5**	12498.050	43.29	54.0	10.71	AV	300.00	400	Vertical	Pass
6	15671.968	58.45	74.0	15.55	Peak	196.00	100	Vertical	Pass
6**	15671.968	42.08	54.0	11.92	AV	196.00	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	1598.010	34.56	74.0	39.44	Peak	143.00	400	Horizontal	Pass
1**	1598.010	31.53	54.0	22.47	AV	143.00	400	Horizontal	Pass
2	2259.763	46.19	74.0	27.81	Peak	188.00	300	Horizontal	Pass
2**	2259.763	32.87	54.0	21.13	AV	188.00	300	Horizontal	Pass
3	4264.396	48.94	74.0	25.06	Peak	288.00	200	Horizontal	Pass
3**	4264.396	39.14	54.0	14.86	AV	288.00	200	Horizontal	Pass
4	7588.446	53.28	74.0	20.72	Peak	165.00	300	Horizontal	Pass
4**	7588.446	46.44	54.0	7.56	AV	165.00	300	Horizontal	Pass
5	12507.275	50.87	74.0	23.13	Peak	352.00	400	Horizontal	Pass
5**	12507.275	42.89	54.0	11.11	AV	352.00	400	Horizontal	Pass
6	16094.784	58.20	74.0	15.80	Peak	19.00	100	Horizontal	Pass
6**	16094.784	42.03	54.0	11.97	AV	19.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.908	40.32	74.0	33.68	Peak	304.00	400	Vertical	Pass
1**	1599.908	27.09	54.0	26.91	AV	304.00	400	Vertical	Pass
2	2227.534	44.28	74.0	29.72	Peak	102.00	300	Vertical	Pass
2**	2227.534	28.66	54.0	25.34	AV	102.00	300	Vertical	Pass
3	4256.829	48.23	74.0	25.77	Peak	225.00	200	Vertical	Pass
3**	4256.829	40.30	54.0	13.70	AV	225.00	200	Vertical	Pass
4	7709.452	57.02	74.0	16.98	Peak	249.00	400	Vertical	Pass
4**	7709.452	39.57	54.0	14.43	AV	249.00	400	Vertical	Pass
5	12496.993	55.79	74.0	18.21	Peak	208.00	300	Vertical	Pass
5**	12496.993	44.12	54.0	9.88	AV	208.00	300	Vertical	Pass
6	15671.135	57.80	74.0	16.20	Peak	304.00	200	Vertical	Pass
6**	15671.135	42.93	54.0	11.07	AV	304.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.472	33.79	74.0	40.21	Peak	216.00	200	Horizontal	Pass
1**	1598.472	32.07	54.0	21.93	AV	216.00	200	Horizontal	Pass
2	2259.058	47.99	74.0	26.01	Peak	49.00	100	Horizontal	Pass
2**	2259.058	38.60	54.0	15.40	AV	49.00	100	Horizontal	Pass
3	4264.467	46.67	74.0	27.33	Peak	336.00	200	Horizontal	Pass
3**	4264.467	37.40	54.0	16.60	AV	336.00	200	Horizontal	Pass
4	7588.778	54.38	74.0	19.62	Peak	219.00	100	Horizontal	Pass
4**	7588.778	45.68	54.0	8.32	AV	219.00	100	Horizontal	Pass
5	12511.376	51.10	74.0	22.90	Peak	224.00	100	Horizontal	Pass
5**	12511.376	45.98	54.0	8.02	AV	224.00	100	Horizontal	Pass
6	16098.305	57.52	74.0	16.48	Peak	185.00	300	Horizontal	Pass
6**	16098.305	46.26	54.0	7.74	AV	185.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.624	40.96	74.0	33.04	Peak	339.00	100	Vertical	Pass
1**	1601.624	27.73	54.0	26.27	AV	339.00	100	Vertical	Pass
2	2226.317	42.79	74.0	31.21	Peak	338.00	400	Vertical	Pass
2**	2226.317	32.35	54.0	21.65	AV	338.00	400	Vertical	Pass
3	4261.765	46.19	74.0	27.81	Peak	21.00	200	Vertical	Pass
3**	4261.765	35.81	54.0	18.19	AV	21.00	200	Vertical	Pass
4	7710.614	54.33	74.0	19.67	Peak	350.00	100	Vertical	Pass
4**	7710.614	44.33	54.0	9.67	AV	350.00	100	Vertical	Pass
5	12494.682	55.11	74.0	18.89	Peak	183.00	300	Vertical	Pass
5**	12494.682	42.65	54.0	11.35	AV	183.00	300	Vertical	Pass
6	15671.347	58.06	74.0	15.94	Peak	177.00	300	Vertical	Pass
6**	15671.347	43.43	54.0	10.57	AV	177.00	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	1598.855	37.28	74.0	36.72	Peak	175.00	100	Horizontal	Pass
1**	1598.855	29.24	54.0	24.76	AV	175.00	100	Horizontal	Pass
2	2262.866	44.66	74.0	29.34	Peak	184.00	400	Horizontal	Pass
2**	2262.866	38.52	54.0	15.48	AV	184.00	400	Horizontal	Pass
3	4261.879	48.26	74.0	25.74	Peak	302.00	200	Horizontal	Pass
3**	4261.879	37.35	54.0	16.65	AV	302.00	200	Horizontal	Pass
4	7586.699	53.82	74.0	20.18	Peak	58.00	400	Horizontal	Pass
4**	7586.699	44.20	54.0	9.80	AV	58.00	400	Horizontal	Pass
5	12505.532	54.80	74.0	19.20	Peak	61.00	100	Horizontal	Pass
5**	12505.532	46.45	54.0	7.55	AV	61.00	100	Horizontal	Pass
6	16099.433	56.69	74.0	17.31	Peak	296.00	300	Horizontal	Pass
6**	16099.433	41.43	54.0	12.57	AV	296.00	300	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	1595.407	40.01	74.0	33.99	Peak	342.00	200	Vertical	Pass
1**	1595.407	26.01	54.0	27.99	AV	342.00	200	Vertical	Pass
2	2229.153	38.38	74.0	35.62	Peak	318.00	100	Vertical	Pass
2**	2229.153	34.23	54.0	19.77	AV	318.00	100	Vertical	Pass
3	4260.856	46.27	74.0	27.73	Peak	277.00	200	Vertical	Pass
3**	4260.856	38.09	54.0	15.91	AV	277.00	200	Vertical	Pass
4	7706.493	55.28	74.0	18.72	Peak	325.00	200	Vertical	Pass
4**	7706.493	39.71	54.0	14.29	AV	325.00	200	Vertical	Pass
5	12501.844	54.11	74.0	19.89	Peak	197.00	300	Vertical	Pass
5**	12501.844	41.51	54.0	12.49	AV	197.00	300	Vertical	Pass
6	15674.156	58.15	74.0	15.85	Peak	180.00	200	Vertical	Pass
6**	15674.156	43.56	54.0	10.44	AV	180.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.946	33.30	74.0	40.70	Peak	13.00	400	Horizontal	Pass
1**	1592.946	27.14	54.0	26.86	AV	13.00	400	Horizontal	Pass
2	2259.091	47.23	74.0	26.77	Peak	116.00	200	Horizontal	Pass
2**	2259.091	36.55	54.0	17.45	AV	116.00	200	Horizontal	Pass
3	4268.299	48.76	74.0	25.24	Peak	114.00	200	Horizontal	Pass
3**	4268.299	42.35	54.0	11.65	AV	114.00	200	Horizontal	Pass
4	7586.803	50.17	74.0	23.83	Peak	205.00	100	Horizontal	Pass
4**	7586.803	42.71	54.0	11.29	AV	205.00	100	Horizontal	Pass
5	12510.477	56.08	74.0	17.92	Peak	43.00	400	Horizontal	Pass
5**	12510.477	44.58	54.0	9.42	AV	43.00	400	Horizontal	Pass
6	16097.087	57.97	74.0	16.03	Peak	193.00	100	Horizontal	Pass
6**	16097.087	46.63	54.0	7.37	AV	193.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.819	42.95	74.0	31.05	Peak	135.00	300	Vertical	Pass
1**	1598.819	25.70	54.0	28.30	AV	135.00	300	Vertical	Pass
2	2225.787	41.35	74.0	32.65	Peak	85.00	200	Vertical	Pass
2**	2225.787	29.32	54.0	24.68	AV	85.00	200	Vertical	Pass
3	4257.408	46.18	74.0	27.82	Peak	90.00	200	Vertical	Pass
3**	4257.408	36.70	54.0	17.30	AV	90.00	200	Vertical	Pass
4	7711.373	53.44	74.0	20.56	Peak	13.00	100	Vertical	Pass
4**	7711.373	44.83	54.0	9.17	AV	13.00	100	Vertical	Pass
5	12500.200	55.03	74.0	18.97	Peak	222.00	100	Vertical	Pass
5**	12500.200	45.20	54.0	8.80	AV	222.00	100	Vertical	Pass
6	15670.134	53.36	74.0	20.64	Peak	230.00	100	Vertical	Pass
6**	15670.134	43.16	54.0	10.84	AV	230.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.239	34.36	74.0	39.64	Peak	178.00	200	Horizontal	Pass
1**	1598.239	27.88	54.0	26.12	AV	178.00	200	Horizontal	Pass
2	2258.796	45.90	74.0	28.10	Peak	345.00	100	Horizontal	Pass
2**	2258.796	36.35	54.0	17.65	AV	345.00	100	Horizontal	Pass
3	4265.409	46.20	74.0	27.80	Peak	286.00	200	Horizontal	Pass
3**	4265.409	36.98	54.0	17.02	AV	286.00	200	Horizontal	Pass
4	7585.886	54.86	74.0	19.14	Peak	314.00	300	Horizontal	Pass
4**	7585.886	45.38	54.0	8.62	AV	314.00	300	Horizontal	Pass
5	12505.231	55.98	74.0	18.02	Peak	33.00	200	Horizontal	Pass
5**	12505.231	44.11	54.0	9.89	AV	33.00	200	Horizontal	Pass
6	16093.712	55.75	74.0	18.25	Peak	306.00	200	Horizontal	Pass
6**	16093.712	41.15	54.0	12.85	AV	306.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.426	38.43	74.0	35.57	Peak	350.00	300	Vertical	Pass
1**	1595.426	25.03	54.0	28.97	AV	350.00	300	Vertical	Pass
2	2224.094	42.03	74.0	31.97	Peak	61.00	400	Vertical	Pass
2**	2224.094	30.28	54.0	23.72	AV	61.00	400	Vertical	Pass
3	4260.189	47.53	74.0	26.47	Peak	208.00	200	Vertical	Pass
3**	4260.189	39.66	54.0	14.34	AV	208.00	200	Vertical	Pass
4	7712.030	55.10	74.0	18.90	Peak	294.00	300	Vertical	Pass
4**	7712.030	40.04	54.0	13.96	AV	294.00	300	Vertical	Pass
5	12497.272	52.82	74.0	21.18	Peak	210.00	200	Vertical	Pass
5**	12497.272	43.08	54.0	10.92	AV	210.00	200	Vertical	Pass
6	15669.390	54.31	74.0	19.69	Peak	341.00	300	Vertical	Pass
6**	15669.390	40.29	54.0	13.71	AV	341.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.999	35.72	74.0	38.28	Peak	106.00	200	Horizontal	Pass
1**	1596.999	32.09	54.0	21.91	AV	106.00	200	Horizontal	Pass
2	2264.081	42.99	74.0	31.01	Peak	119.00	300	Horizontal	Pass
2**	2264.081	36.41	54.0	17.59	AV	119.00	300	Horizontal	Pass
3	4265.979	47.40	74.0	26.60	Peak	314.00	200	Horizontal	Pass
3**	4265.979	37.58	54.0	16.42	AV	314.00	200	Horizontal	Pass
4	7584.010	50.81	74.0	23.19	Peak	203.00	300	Horizontal	Pass
4**	7584.010	42.16	54.0	11.84	AV	203.00	300	Horizontal	Pass
5	12508.765	51.56	74.0	22.44	Peak	36.00	100	Horizontal	Pass
5**	12508.765	42.97	54.0	11.03	AV	36.00	100	Horizontal	Pass
6	16101.000	54.78	74.0	19.22	Peak	300.00	200	Horizontal	Pass
6**	16101.000	45.70	54.0	8.30	AV	300.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.808	38.91	74.0	35.09	Peak	212.00	400	Vertical	Pass
1**	1599.808	27.03	54.0	26.97	AV	212.00	400	Vertical	Pass
2	2225.784	43.28	74.0	30.72	Peak	17.00	200	Vertical	Pass
2**	2225.784	31.13	54.0	22.87	AV	17.00	200	Vertical	Pass
3	4255.955	47.91	74.0	26.09	Peak	347.00	200	Vertical	Pass
3**	4255.955	35.53	54.0	18.47	AV	347.00	200	Vertical	Pass
4	7706.442	55.33	74.0	18.67	Peak	83.00	200	Vertical	Pass
4**	7706.442	43.40	54.0	10.60	AV	83.00	200	Vertical	Pass
5	12495.725	54.76	74.0	19.24	Peak	324.00	100	Vertical	Pass
5**	12495.725	43.53	54.0	10.47	AV	324.00	100	Vertical	Pass
6	15669.800	56.94	74.0	17.06	Peak	142.00	400	Vertical	Pass
6**	15669.800	45.28	54.0	8.72	AV	142.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.810	35.79	74.0	38.21	Peak	160.00	200	Horizontal	Pass
1**	1592.810	32.00	54.0	22.00	AV	160.00	200	Horizontal	Pass
2	2266.539	46.26	74.0	27.74	Peak	169.00	100	Horizontal	Pass
2**	2266.539	38.26	54.0	15.74	AV	169.00	100	Horizontal	Pass
3	4265.172	48.41	74.0	25.59	Peak	283.00	200	Horizontal	Pass
3**	4265.172	42.43	54.0	11.57	AV	283.00	200	Horizontal	Pass
4	7581.967	52.25	74.0	21.75	Peak	244.00	100	Horizontal	Pass
4**	7581.967	44.63	54.0	9.37	AV	244.00	100	Horizontal	Pass
5	12507.094	50.97	74.0	23.03	Peak	64.00	100	Horizontal	Pass
5**	12507.094	45.71	54.0	8.29	AV	64.00	100	Horizontal	Pass
6	16097.745	58.15	74.0	15.85	Peak	210.00	300	Horizontal	Pass
6**	16097.745	45.64	54.0	8.36	AV	210.00	300	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	1601.216	37.64	74.0	36.36	Peak	301.00	200	Vertical	Pass
1**	1601.216	24.47	54.0	29.53	AV	301.00	200	Vertical	Pass
2	2225.700	42.44	74.0	31.56	Peak	191.00	100	Vertical	Pass
2**	2225.700	28.65	54.0	25.35	AV	191.00	100	Vertical	Pass
3	4258.736	50.66	74.0	23.34	Peak	314.00	200	Vertical	Pass
3**	4258.736	37.81	54.0	16.19	AV	314.00	200	Vertical	Pass
4	7708.025	57.01	74.0	16.99	Peak	68.00	100	Vertical	Pass
4**	7708.025	44.22	54.0	9.78	AV	68.00	100	Vertical	Pass
5	12497.334	54.86	74.0	19.14	Peak	279.00	300	Vertical	Pass
5**	12497.334	45.75	54.0	8.25	AV	279.00	300	Vertical	Pass
6	15673.444	56.14	74.0	17.86	Peak	356.00	400	Vertical	Pass
6**	15673.444	41.39	54.0	12.61	AV	356.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.332	33.49	74.0	40.51	Peak	87.00	300	Horizontal	Pass
1**	1595.332	26.60	54.0	27.40	AV	87.00	300	Horizontal	Pass
2	2264.300	46.93	74.0	27.07	Peak	256.00	100	Horizontal	Pass
2**	2264.300	37.69	54.0	16.31	AV	256.00	100	Horizontal	Pass
3	4268.902	46.21	74.0	27.79	Peak	223.00	200	Horizontal	Pass
3**	4268.902	37.02	54.0	16.98	AV	223.00	200	Horizontal	Pass
4	7582.772	54.83	74.0	19.17	Peak	27.00	200	Horizontal	Pass
4**	7582.772	47.67	54.0	6.33	AV	27.00	200	Horizontal	Pass
5	12505.887	54.33	74.0	19.67	Peak	41.00	300	Horizontal	Pass
5**	12505.887	48.05	54.0	5.95	AV	41.00	300	Horizontal	Pass
6	16094.349	54.51	74.0	19.49	Peak	163.00	200	Horizontal	Pass
6**	16094.349	46.72	54.0	7.28	AV	163.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.775	43.01	74.0	30.99	Peak	254.00	400	Vertical	Pass
1**	1594.775	23.21	54.0	30.79	AV	254.00	400	Vertical	Pass
2	2229.339	43.31	74.0	30.69	Peak	220.00	200	Vertical	Pass
2**	2229.339	30.98	54.0	23.02	AV	220.00	200	Vertical	Pass
3	4260.082	46.54	74.0	27.46	Peak	117.00	200	Vertical	Pass
3**	4260.082	36.88	54.0	17.12	AV	117.00	200	Vertical	Pass
4	7705.281	57.20	74.0	16.80	Peak	273.00	200	Vertical	Pass
4**	7705.281	43.91	54.0	10.09	AV	273.00	200	Vertical	Pass
5	12496.311	55.88	74.0	18.12	Peak	130.00	400	Vertical	Pass
5**	12496.311	44.23	54.0	9.77	AV	130.00	400	Vertical	Pass
6	15672.652	52.74	74.0	21.26	Peak	238.00	200	Vertical	Pass
6**	15672.652	39.79	54.0	14.21	AV	238.00	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	1592.403	37.59	74.0	36.41	Peak	256.00	400	Horizontal	Pass
1**	1592.403	26.86	54.0	27.14	AV	256.00	400	Horizontal	Pass
2	2263.601	48.41	74.0	25.59	Peak	246.00	400	Horizontal	Pass
2**	2263.601	38.14	54.0	15.86	AV	246.00	400	Horizontal	Pass
3	4264.170	44.56	74.0	29.44	Peak	52.00	200	Horizontal	Pass
3**	4264.170	41.92	54.0	12.08	AV	52.00	200	Horizontal	Pass
4	7582.283	53.51	74.0	20.49	Peak	199.00	100	Horizontal	Pass
4**	7582.283	46.45	54.0	7.55	AV	199.00	100	Horizontal	Pass
5	12511.974	55.57	74.0	18.43	Peak	323.00	200	Horizontal	Pass
5**	12511.974	44.00	54.0	10.00	AV	323.00	200	Horizontal	Pass
6	16096.177	57.80	74.0	16.20	Peak	150.00	300	Horizontal	Pass
6**	16096.177	45.63	54.0	8.37	AV	150.00	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	1596.922	38.30	74.0	35.70	Peak	287.00	100	Vertical	Pass
1**	1596.922	24.93	54.0	29.07	AV	287.00	100	Vertical	Pass
2	2227.813	39.96	74.0	34.04	Peak	91.00	200	Vertical	Pass
2**	2227.813	34.09	54.0	19.91	AV	91.00	200	Vertical	Pass
3	4255.587	48.95	74.0	25.05	Peak	236.00	200	Vertical	Pass
3**	4255.587	40.76	54.0	13.24	AV	236.00	200	Vertical	Pass
4	7710.960	55.37	74.0	18.63	Peak	305.00	400	Vertical	Pass
4**	7710.960	41.13	54.0	12.87	AV	305.00	400	Vertical	Pass
5	12496.883	54.23	74.0	19.77	Peak	50.00	100	Vertical	Pass
5**	12496.883	41.08	54.0	12.92	AV	50.00	100	Vertical	Pass
6	15675.504	54.07	74.0	19.93	Peak	75.00	100	Vertical	Pass
6**	15675.504	40.58	54.0	13.42	AV	75.00	100	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	1597.685	33.09	74.0	40.91	Peak	338.00	100	Horizontal	Pass
1**	1597.685	28.91	54.0	25.09	AV	338.00	100	Horizontal	Pass
2	2260.545	45.71	74.0	28.29	Peak	189.00	100	Horizontal	Pass
2**	2260.545	37.78	54.0	16.22	AV	189.00	100	Horizontal	Pass
3	4263.751	49.36	74.0	24.64	Peak	206.00	200	Horizontal	Pass
3**	4263.751	41.37	54.0	12.63	AV	206.00	200	Horizontal	Pass
4	7586.208	53.64	74.0	20.36	Peak	331.00	300	Horizontal	Pass
4**	7586.208	44.12	54.0	9.88	AV	331.00	300	Horizontal	Pass
5	12508.192	55.43	74.0	18.57	Peak	235.00	300	Horizontal	Pass
5**	12508.192	42.88	54.0	11.12	AV	235.00	300	Horizontal	Pass
6	16101.090	54.24	74.0	19.76	Peak	100.00	300	Horizontal	Pass
6**	16101.090	45.93	54.0	8.07	AV	100.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.214	42.76	74.0	31.24	Peak	355.00	400	Vertical	Pass
1**	1599.214	27.02	54.0	26.98	AV	355.00	400	Vertical	Pass
2	2231.226	38.74	74.0	35.26	Peak	173.00	200	Vertical	Pass
2**	2231.226	28.59	54.0	25.41	AV	173.00	200	Vertical	Pass
3	4255.224	50.28	74.0	23.72	Peak	183.00	200	Vertical	Pass
3**	4255.224	40.64	54.0	13.36	AV	183.00	200	Vertical	Pass
4	7711.632	54.80	74.0	19.20	Peak	107.00	100	Vertical	Pass
4**	7711.632	45.35	54.0	8.65	AV	107.00	100	Vertical	Pass
5	12496.924	53.02	74.0	20.98	Peak	253.00	300	Vertical	Pass
5**	12496.924	44.55	54.0	9.45	AV	253.00	300	Vertical	Pass
6	15676.528	52.76	74.0	21.24	Peak	344.00	300	Vertical	Pass
6**	15676.528	40.72	54.0	13.28	AV	344.00	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	1593.079	32.75	74.0	41.25	Peak	234.00	100	Horizontal	Pass
1**	1593.079	27.83	54.0	26.17	AV	234.00	100	Horizontal	Pass
2	2265.926	43.18	74.0	30.82	Peak	171.00	400	Horizontal	Pass
2**	2265.926	33.06	54.0	20.94	AV	171.00	400	Horizontal	Pass
3	4263.712	47.06	74.0	26.94	Peak	92.00	200	Horizontal	Pass
3**	4263.712	38.04	54.0	15.96	AV	92.00	200	Horizontal	Pass
4	7587.305	54.84	74.0	19.16	Peak	105.00	100	Horizontal	Pass
4**	7587.305	43.18	54.0	10.82	AV	105.00	100	Horizontal	Pass
5	12509.515	50.79	74.0	23.21	Peak	103.00	300	Horizontal	Pass
5**	12509.515	42.34	54.0	11.66	AV	103.00	300	Horizontal	Pass
6	16094.855	56.96	74.0	17.04	Peak	124.00	400	Horizontal	Pass
6**	16094.855	44.01	54.0	9.99	AV	124.00	400	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	1598.221	37.49	74.0	36.51	Peak	157.00	200	Vertical	Pass
1**	1598.221	24.26	54.0	29.74	AV	157.00	200	Vertical	Pass
2	2223.399	39.96	74.0	34.04	Peak	358.00	200	Vertical	Pass
2**	2223.399	30.55	54.0	23.45	AV	358.00	200	Vertical	Pass
3	4260.462	47.82	74.0	26.18	Peak	281.00	200	Vertical	Pass
3**	4260.462	37.79	54.0	16.21	AV	281.00	200	Vertical	Pass
4	7707.971	58.46	74.0	15.54	Peak	333.00	200	Vertical	Pass
4**	7707.971	41.05	54.0	12.95	AV	333.00	200	Vertical	Pass
5	12498.335	51.04	74.0	22.96	Peak	137.00	200	Vertical	Pass
5**	12498.335	43.37	54.0	10.63	AV	137.00	200	Vertical	Pass
6	15672.629	55.19	74.0	18.81	Peak	192.00	400	Vertical	Pass
6**	15672.629	43.56	54.0	10.44	AV	192.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.505	36.80	74.0	37.20	Peak	289.00	100	Horizontal	Pass
1**	1592.505	28.39	54.0	25.61	AV	289.00	100	Horizontal	Pass
2	2259.533	47.62	74.0	26.38	Peak	67.00	200	Horizontal	Pass
2**	2259.533	34.87	54.0	19.13	AV	67.00	200	Horizontal	Pass
3	4264.271	46.72	74.0	27.28	Peak	188.00	200	Horizontal	Pass
3**	4264.271	40.24	54.0	13.76	AV	188.00	200	Horizontal	Pass
4	7589.026	52.75	74.0	21.25	Peak	265.00	400	Horizontal	Pass
4**	7589.026	43.90	54.0	10.10	AV	265.00	400	Horizontal	Pass
5	12511.193	51.21	74.0	22.79	Peak	354.00	200	Horizontal	Pass
5**	12511.193	45.69	54.0	8.31	AV	354.00	200	Horizontal	Pass
6	16097.462	53.16	74.0	20.84	Peak	203.00	100	Horizontal	Pass
6**	16097.462	46.85	54.0	7.15	AV	203.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.357	41.16	74.0	32.84	Peak	240.00	100	Vertical	Pass
1**	1601.357	23.72	54.0	30.28	AV	240.00	100	Vertical	Pass
2	2229.313	42.80	74.0	31.20	Peak	165.00	400	Vertical	Pass
2**	2229.313	29.07	54.0	24.93	AV	165.00	400	Vertical	Pass
3	4256.824	48.09	74.0	25.91	Peak	111.00	200	Vertical	Pass
3**	4256.824	39.99	54.0	14.01	AV	111.00	200	Vertical	Pass
4	7711.080	57.19	74.0	16.81	Peak	160.00	400	Vertical	Pass
4**	7711.080	43.24	54.0	10.76	AV	160.00	400	Vertical	Pass
5	12499.129	56.43	74.0	17.57	Peak	322.00	300	Vertical	Pass
5**	12499.129	42.34	54.0	11.66	AV	322.00	300	Vertical	Pass
6	15675.547	53.91	74.0	20.09	Peak	193.00	200	Vertical	Pass
6**	15675.547	44.16	54.0	9.84	AV	193.00	200	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	1524.088	36.17	74.0	37.83	Peak	170.00	200	Horizontal	Pass
1**	1524.088	32.48	54.0	21.52	AV	170.00	200	Horizontal	Pass
2	4019.381	46.53	74.0	27.47	Peak	170.00	200	Horizontal	Pass
2**	4019.381	37.54	54.0	16.46	AV	170.00	200	Horizontal	Pass
3	7594.529	54.21	74.0	19.79	Peak	152.00	200	Horizontal	Pass
3**	7594.529	42.20	54.0	11.80	AV	152.00	200	Horizontal	Pass
4	12459.227	56.23	74.0	17.77	Peak	69.00	400	Horizontal	Pass
4**	12459.227	41.85	54.0	12.15	AV	69.00	400	Horizontal	Pass
5	16091.777	55.56	74.0	18.44	Peak	49.00	100	Horizontal	Pass
5**	16091.777	47.70	54.0	6.30	AV	49.00	100	Horizontal	Pass
6	17418.287	58.76	74.0	15.24	Peak	313.00	200	Horizontal	Pass
6**	17418.287	50.15	54.0	3.85	AV	313.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.690	45.40	74.0	28.60	Peak	60.00	100	Vertical	Pass
1**	1335.690	35.33	54.0	18.67	AV	60.00	100	Vertical	Pass
2	1436.413	44.34	74.0	29.66	Peak	179.00	400	Vertical	Pass
2**	1436.413	39.29	54.0	14.71	AV	179.00	400	Vertical	Pass
3	4314.397	48.72	74.0	25.28	Peak	218.00	200	Vertical	Pass
3**	4314.397	40.89	54.0	13.11	AV	218.00	200	Vertical	Pass
4	7593.525	51.65	74.0	22.35	Peak	97.00	400	Vertical	Pass
4**	7593.525	44.74	54.0	9.26	AV	97.00	400	Vertical	Pass
5	12537.243	55.91	74.0	18.09	Peak	15.00	100	Vertical	Pass
5**	12537.243	44.69	54.0	9.31	AV	15.00	100	Vertical	Pass
6	15905.701	55.64	74.0	18.36	Peak	307.00	300	Vertical	Pass
6**	15905.701	48.56	54.0	5.44	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.364	41.15	74.0	32.85	Peak	279.00	200	Horizontal	Pass
1**	1521.364	29.72	54.0	24.28	AV	279.00	200	Horizontal	Pass
2	4016.068	46.98	74.0	27.02	Peak	4.00	100	Horizontal	Pass
2**	4016.068	37.81	54.0	16.19	AV	4.00	100	Horizontal	Pass
3	7601.280	53.32	74.0	20.68	Peak	215.00	200	Horizontal	Pass
3**	7601.280	46.24	54.0	7.76	AV	215.00	200	Horizontal	Pass
4	12457.290	54.28	74.0	19.72	Peak	143.00	100	Horizontal	Pass
4**	12457.290	44.74	54.0	9.26	AV	143.00	100	Horizontal	Pass
5	16096.515	51.57	74.0	22.43	Peak	190.00	400	Horizontal	Pass
5**	16096.515	42.85	54.0	11.15	AV	190.00	400	Horizontal	Pass
6	17415.899	57.13	74.0	16.87	Peak	288.00	100	Horizontal	Pass
6**	17415.899	47.28	54.0	6.72	AV	288.00	100	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	1334.177	41.77	74.0	32.23	Peak	327.00	200	Vertical	Pass
1**	1334.177	34.34	54.0	19.66	AV	327.00	200	Vertical	Pass
2	1442.642	41.30	74.0	32.70	Peak	171.00	100	Vertical	Pass
2**	1442.642	37.69	54.0	16.31	AV	171.00	100	Vertical	Pass
3	4315.048	44.76	74.0	29.24	Peak	255.00	200	Vertical	Pass
3**	4315.048	37.07	54.0	16.93	AV	255.00	200	Vertical	Pass
4	7593.511	52.21	74.0	21.79	Peak	245.00	300	Vertical	Pass
4**	7593.511	45.38	54.0	8.62	AV	245.00	300	Vertical	Pass
5	12536.972	53.15	74.0	20.85	Peak	235.00	300	Vertical	Pass
5**	12536.972	41.44	54.0	12.56	AV	235.00	300	Vertical	Pass
6	15907.711	55.82	74.0	18.18	Peak	1.00	300	Vertical	Pass
6**	15907.711	47.69	54.0	6.31	AV	1.00	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	1519.944	38.31	74.0	35.69	Peak	141.00	200	Horizontal	Pass
1**	1519.944	31.85	54.0	22.15	AV	141.00	200	Horizontal	Pass
2	4016.730	44.59	74.0	29.41	Peak	86.00	100	Horizontal	Pass
2**	4016.730	38.09	54.0	15.91	AV	86.00	100	Horizontal	Pass
3	7594.742	50.88	74.0	23.12	Peak	17.00	200	Horizontal	Pass
3**	7594.742	45.76	54.0	8.24	AV	17.00	200	Horizontal	Pass
4	12454.048	53.10	74.0	20.90	Peak	298.00	200	Horizontal	Pass
4**	12454.048	41.41	54.0	12.59	AV	298.00	200	Horizontal	Pass
5	16094.156	53.32	74.0	20.68	Peak	232.00	100	Horizontal	Pass
5**	16094.156	44.16	54.0	9.84	AV	232.00	100	Horizontal	Pass
6	17422.319	56.45	74.0	17.55	Peak	89.00	400	Horizontal	Pass
6**	17422.319	44.65	54.0	9.35	AV	89.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.221	43.30	74.0	30.70	Peak	77.00	300	Vertical	Pass
1**	1333.221	33.80	54.0	20.20	AV	77.00	300	Vertical	Pass
2	1436.608	39.72	74.0	34.28	Peak	345.00	400	Vertical	Pass
2**	1436.608	36.30	54.0	17.70	AV	345.00	400	Vertical	Pass
3	4312.197	46.80	74.0	27.20	Peak	167.00	200	Vertical	Pass
3**	4312.197	39.16	54.0	14.84	AV	167.00	200	Vertical	Pass
4	7593.968	52.72	74.0	21.28	Peak	234.00	300	Vertical	Pass
4**	7593.968	46.44	54.0	7.56	AV	234.00	300	Vertical	Pass
5	12532.249	52.53	74.0	21.47	Peak	32.00	300	Vertical	Pass
5**	12532.249	41.29	54.0	12.71	AV	32.00	300	Vertical	Pass
6	15909.367	57.46	74.0	16.54	Peak	115.00	100	Vertical	Pass
6**	15909.367	45.30	54.0	8.70	AV	115.00	100	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	1520.774	36.94	74.0	37.06	Peak	298.00	300	Horizontal	Pass
1**	1520.774	29.68	54.0	24.32	AV	298.00	300	Horizontal	Pass
2	4022.148	49.07	74.0	24.93	Peak	85.00	400	Horizontal	Pass
2**	4022.148	34.04	54.0	19.96	AV	85.00	400	Horizontal	Pass
3	7600.682	54.92	74.0	19.08	Peak	7.00	200	Horizontal	Pass
3**	7600.682	42.76	54.0	11.24	AV	7.00	200	Horizontal	Pass
4	12459.636	52.07	74.0	21.93	Peak	261.00	300	Horizontal	Pass
4**	12459.636	45.01	54.0	8.99	AV	261.00	300	Horizontal	Pass
5	16092.934	52.51	74.0	21.49	Peak	350.00	400	Horizontal	Pass
5**	16092.934	45.77	54.0	8.23	AV	350.00	400	Horizontal	Pass
6	17416.332	54.70	74.0	19.30	Peak	283.00	100	Horizontal	Pass
6**	17416.332	44.32	54.0	9.68	AV	283.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.291	44.33	74.0	29.67	Peak	345.00	300	Vertical	Pass
1**	1331.291	32.95	54.0	21.05	AV	345.00	300	Vertical	Pass
2	1438.151	39.35	74.0	34.65	Peak	206.00	400	Vertical	Pass
2**	1438.151	36.96	54.0	17.04	AV	206.00	400	Vertical	Pass
3	4312.220	48.91	74.0	25.09	Peak	293.00	200	Vertical	Pass
3**	4312.220	40.40	54.0	13.60	AV	293.00	200	Vertical	Pass
4	7591.828	54.54	74.0	19.46	Peak	192.00	100	Vertical	Pass
4**	7591.828	45.42	54.0	8.58	AV	192.00	100	Vertical	Pass
5	12533.303	55.29	74.0	18.71	Peak	208.00	400	Vertical	Pass
5**	12533.303	43.30	54.0	10.70	AV	208.00	400	Vertical	Pass
6	15905.984	51.80	74.0	22.20	Peak	102.00	300	Vertical	Pass
6**	15905.984	46.47	54.0	7.53	AV	102.00	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	1520.760	36.02	74.0	37.98	Peak	331.00	200	Horizontal	Pass
1**	1520.760	30.00	54.0	24.00	AV	331.00	200	Horizontal	Pass
2	4021.726	44.64	74.0	29.36	Peak	116.00	400	Horizontal	Pass
2**	4021.726	34.52	54.0	19.48	AV	116.00	400	Horizontal	Pass
3	7599.554	54.07	74.0	19.93	Peak	0.00	200	Horizontal	Pass
3**	7599.554	41.04	54.0	12.96	AV	0.00	200	Horizontal	Pass
4	12458.363	52.97	74.0	21.03	Peak	273.00	100	Horizontal	Pass
4**	12458.363	43.54	54.0	10.46	AV	273.00	100	Horizontal	Pass
5	16095.685	52.99	74.0	21.01	Peak	157.00	200	Horizontal	Pass
5**	16095.685	46.88	54.0	7.12	AV	157.00	200	Horizontal	Pass
6	17418.746	55.16	74.0	18.84	Peak	56.00	100	Horizontal	Pass
6**	17418.746	46.11	54.0	7.89	AV	56.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.457	46.00	74.0	28.00	Peak	133.00	400	Vertical	Pass
1**	1329.457	35.72	54.0	18.28	AV	133.00	400	Vertical	Pass
2	1443.685	44.01	74.0	29.99	Peak	247.00	200	Vertical	Pass
2**	1443.685	35.55	54.0	18.45	AV	247.00	200	Vertical	Pass
3	4309.761	45.72	74.0	28.28	Peak	196.00	200	Vertical	Pass
3**	4309.761	38.61	54.0	15.39	AV	196.00	200	Vertical	Pass
4	7594.172	53.53	74.0	20.47	Peak	85.00	400	Vertical	Pass
4**	7594.172	44.65	54.0	9.35	AV	85.00	400	Vertical	Pass
5	12532.834	54.19	74.0	19.81	Peak	183.00	300	Vertical	Pass
5**	12532.834	43.23	54.0	10.77	AV	183.00	300	Vertical	Pass
6	15909.438	54.24	74.0	19.76	Peak	118.00	300	Vertical	Pass
6**	15909.438	47.64	54.0	6.36	AV	118.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.466	38.15	74.0	35.85	Peak	287.00	300	Horizontal	Pass
1**	1522.466	32.29	54.0	21.71	AV	287.00	300	Horizontal	Pass
2	4016.731	45.80	74.0	28.20	Peak	261.00	100	Horizontal	Pass
2**	4016.731	37.45	54.0	16.55	AV	261.00	100	Horizontal	Pass
3	7597.294	50.81	74.0	23.19	Peak	90.00	200	Horizontal	Pass
3**	7597.294	44.80	54.0	9.20	AV	90.00	200	Horizontal	Pass
4	12453.790	52.89	74.0	21.11	Peak	183.00	100	Horizontal	Pass
4**	12453.790	44.85	54.0	9.15	AV	183.00	100	Horizontal	Pass
5	16097.264	55.42	74.0	18.58	Peak	193.00	100	Horizontal	Pass
5**	16097.264	43.90	54.0	10.10	AV	193.00	100	Horizontal	Pass
6	17420.403	58.47	74.0	15.53	Peak	224.00	200	Horizontal	Pass
6**	17420.403	45.84	54.0	8.16	AV	224.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.474	43.82	74.0	30.18	Peak	225.00	200	Vertical	Pass
1**	1333.474	30.76	54.0	23.24	AV	225.00	200	Vertical	Pass
2	1438.523	42.69	74.0	31.31	Peak	338.00	200	Vertical	Pass
2**	1438.523	36.11	54.0	17.89	AV	338.00	200	Vertical	Pass
3	4310.609	46.45	74.0	27.55	Peak	354.00	200	Vertical	Pass
3**	4310.609	38.18	54.0	15.82	AV	354.00	200	Vertical	Pass
4	7597.619	55.43	74.0	18.57	Peak	130.00	400	Vertical	Pass
4**	7597.619	45.92	54.0	8.08	AV	130.00	400	Vertical	Pass
5	12538.216	51.09	74.0	22.91	Peak	16.00	400	Vertical	Pass
5**	12538.216	42.42	54.0	11.58	AV	16.00	400	Vertical	Pass
6	15904.581	52.75	74.0	21.25	Peak	218.00	200	Vertical	Pass
6**	15904.581	47.91	54.0	6.09	AV	218.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.810	35.21	74.0	38.79	Peak	247.00	100	Horizontal	Pass
1**	1523.810	31.09	54.0	22.91	AV	247.00	100	Horizontal	Pass
2	4023.178	48.39	74.0	25.61	Peak	126.00	300	Horizontal	Pass
2**	4023.178	36.41	54.0	17.59	AV	126.00	300	Horizontal	Pass
3	7600.160	54.51	74.0	19.49	Peak	356.00	200	Horizontal	Pass
3**	7600.160	45.20	54.0	8.80	AV	356.00	200	Horizontal	Pass
4	12456.340	51.68	74.0	22.32	Peak	29.00	100	Horizontal	Pass
4**	12456.340	45.92	54.0	8.08	AV	29.00	100	Horizontal	Pass
5	16096.189	55.42	74.0	18.58	Peak	140.00	200	Horizontal	Pass
5**	16096.189	44.52	54.0	9.48	AV	140.00	200	Horizontal	Pass
6	17423.483	56.81	74.0	17.19	Peak	115.00	300	Horizontal	Pass
6**	17423.483	48.49	54.0	5.51	AV	115.00	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	1337.125	42.80	74.0	31.20	Peak	40.00	400	Vertical	Pass
1**	1337.125	32.92	54.0	21.08	AV	40.00	400	Vertical	Pass
2	1440.741	40.42	74.0	33.58	Peak	220.00	300	Vertical	Pass
2**	1440.741	39.07	54.0	14.93	AV	220.00	300	Vertical	Pass
3	4309.304	49.33	74.0	24.67	Peak	130.00	200	Vertical	Pass
3**	4309.304	38.68	54.0	15.32	AV	130.00	200	Vertical	Pass
4	7591.402	55.07	74.0	18.93	Peak	157.00	100	Vertical	Pass
4**	7591.402	41.77	54.0	12.23	AV	157.00	100	Vertical	Pass
5	12535.852	55.76	74.0	18.24	Peak	260.00	400	Vertical	Pass
5**	12535.852	43.04	54.0	10.96	AV	260.00	400	Vertical	Pass
6	15908.216	57.42	74.0	16.58	Peak	201.00	100	Vertical	Pass
6**	15908.216	43.51	54.0	10.49	AV	201.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.347	36.15	74.0	37.85	Peak	192.00	300	Horizontal	Pass
1**	1521.347	29.32	54.0	24.68	AV	192.00	300	Horizontal	Pass
2	4018.852	47.32	74.0	26.68	Peak	299.00	200	Horizontal	Pass
2**	4018.852	37.78	54.0	16.22	AV	299.00	200	Horizontal	Pass
3	7596.513	53.21	74.0	20.79	Peak	229.00	200	Horizontal	Pass
3**	7596.513	41.58	54.0	12.42	AV	229.00	200	Horizontal	Pass
4	12457.824	53.64	74.0	20.36	Peak	174.00	100	Horizontal	Pass
4**	12457.824	42.82	54.0	11.18	AV	174.00	100	Horizontal	Pass
5	16095.463	51.55	74.0	22.45	Peak	186.00	400	Horizontal	Pass
5**	16095.463	45.16	54.0	8.84	AV	186.00	400	Horizontal	Pass
6	17416.949	58.28	74.0	15.72	Peak	292.00	300	Horizontal	Pass
6**	17416.949	48.74	54.0	5.26	AV	292.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.378	42.07	74.0	31.93	Peak	300.00	400	Vertical	Pass
1**	1334.378	35.94	54.0	18.06	AV	300.00	400	Vertical	Pass
2	1439.207	42.18	74.0	31.82	Peak	279.00	200	Vertical	Pass
2**	1439.207	35.42	54.0	18.58	AV	279.00	200	Vertical	Pass
3	4313.044	50.10	74.0	23.90	Peak	0.00	200	Vertical	Pass
3**	4313.044	35.91	54.0	18.09	AV	0.00	200	Vertical	Pass
4	7595.947	50.08	74.0	23.92	Peak	179.00	300	Vertical	Pass
4**	7595.947	44.18	54.0	9.82	AV	179.00	300	Vertical	Pass
5	12531.807	54.02	74.0	19.98	Peak	56.00	300	Vertical	Pass
5**	12531.807	40.73	54.0	13.27	AV	56.00	300	Vertical	Pass
6	15906.158	55.29	74.0	18.71	Peak	293.00	300	Vertical	Pass
6**	15906.158	43.15	54.0	10.85	AV	293.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.306	38.53	74.0	35.47	Peak	251.00	200	Horizontal	Pass
1**	1520.306	28.79	54.0	25.21	AV	251.00	200	Horizontal	Pass
2	4023.674	49.96	74.0	24.04	Peak	67.00	100	Horizontal	Pass
2**	4023.674	38.58	54.0	15.42	AV	67.00	100	Horizontal	Pass
3	7602.037	52.29	74.0	21.71	Peak	222.00	200	Horizontal	Pass
3**	7602.037	44.48	54.0	9.52	AV	222.00	200	Horizontal	Pass
4	12456.883	55.43	74.0	18.57	Peak	53.00	300	Horizontal	Pass
4**	12456.883	42.20	54.0	11.80	AV	53.00	300	Horizontal	Pass
5	16094.924	51.65	74.0	22.35	Peak	116.00	200	Horizontal	Pass
5**	16094.924	47.41	54.0	6.59	AV	116.00	200	Horizontal	Pass
6	17422.179	55.34	74.0	18.66	Peak	292.00	400	Horizontal	Pass
6**	17422.179	48.03	54.0	5.97	AV	292.00	400	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	1332.541	43.76	74.0	30.24	Peak	104.00	200	Vertical	Pass
1**	1332.541	32.90	54.0	21.10	AV	104.00	200	Vertical	Pass
2	1443.121	43.88	74.0	30.12	Peak	5.00	400	Vertical	Pass
2**	1443.121	38.70	54.0	15.30	AV	5.00	400	Vertical	Pass
3	4310.511	50.38	74.0	23.62	Peak	162.00	200	Vertical	Pass
3**	4310.511	39.78	54.0	14.22	AV	162.00	200	Vertical	Pass
4	7595.754	55.70	74.0	18.30	Peak	32.00	400	Vertical	Pass
4**	7595.754	42.12	54.0	11.88	AV	32.00	400	Vertical	Pass
5	12534.034	53.01	74.0	20.99	Peak	48.00	200	Vertical	Pass
5**	12534.034	42.69	54.0	11.31	AV	48.00	200	Vertical	Pass
6	15906.075	54.92	74.0	19.08	Peak	275.00	400	Vertical	Pass
6**	15906.075	43.30	54.0	10.70	AV	275.00	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	1518.457	35.48	74.0	38.52	Peak	50.00	100	Horizontal	Pass
1**	1518.457	29.20	54.0	24.80	AV	50.00	100	Horizontal	Pass
2	4017.111	45.95	74.0	28.05	Peak	45.00	100	Horizontal	Pass
2**	4017.111	38.84	54.0	15.16	AV	45.00	100	Horizontal	Pass
3	7595.901	52.59	74.0	21.41	Peak	97.00	200	Horizontal	Pass
3**	7595.901	43.96	54.0	10.04	AV	97.00	200	Horizontal	Pass
4	12457.715	56.43	74.0	17.57	Peak	125.00	200	Horizontal	Pass
4**	12457.715	46.75	54.0	7.25	AV	125.00	200	Horizontal	Pass
5	16091.377	52.91	74.0	21.09	Peak	57.00	400	Horizontal	Pass
5**	16091.377	42.92	54.0	11.08	AV	57.00	400	Horizontal	Pass
6	17416.429	56.12	74.0	17.88	Peak	217.00	400	Horizontal	Pass
6**	17416.429	50.25	54.0	3.75	AV	217.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.681	45.67	74.0	28.33	Peak	328.00	400	Vertical	Pass
1**	1336.681	32.62	54.0	21.38	AV	328.00	400	Vertical	Pass
2	1443.475	38.99	74.0	35.01	Peak	237.00	200	Vertical	Pass
2**	1443.475	37.67	54.0	16.33	AV	237.00	200	Vertical	Pass
3	4310.436	49.21	74.0	24.79	Peak	278.00	200	Vertical	Pass
3**	4310.436	36.73	54.0	17.27	AV	278.00	200	Vertical	Pass
4	7596.341	54.94	74.0	19.06	Peak	116.00	200	Vertical	Pass
4**	7596.341	46.30	54.0	7.70	AV	116.00	200	Vertical	Pass
5	12536.627	50.69	74.0	23.31	Peak	164.00	400	Vertical	Pass
5**	12536.627	42.65	54.0	11.35	AV	164.00	400	Vertical	Pass
6	15906.799	56.72	74.0	17.28	Peak	196.00	300	Vertical	Pass
6**	15906.799	47.82	54.0	6.18	AV	196.00	300	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	1520.666	37.86	74.0	36.14	Peak	346.00	200	Horizontal	Pass
1**	1520.666	31.73	54.0	22.27	AV	346.00	200	Horizontal	Pass
2	4018.274	47.68	74.0	26.32	Peak	156.00	300	Horizontal	Pass
2**	4018.274	36.83	54.0	17.17	AV	156.00	300	Horizontal	Pass
3	7595.595	51.94	74.0	22.06	Peak	52.00	200	Horizontal	Pass
3**	7595.595	41.06	54.0	12.94	AV	52.00	200	Horizontal	Pass
4	12453.845	52.96	74.0	21.04	Peak	55.00	300	Horizontal	Pass
4**	12453.845	45.28	54.0	8.72	AV	55.00	300	Horizontal	Pass
5	16093.586	50.69	74.0	23.31	Peak	117.00	200	Horizontal	Pass
5**	16093.586	45.23	54.0	8.77	AV	117.00	200	Horizontal	Pass
6	17422.618	57.66	74.0	16.34	Peak	191.00	200	Horizontal	Pass
6**	17422.618	45.54	54.0	8.46	AV	191.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.498	45.71	74.0	28.29	Peak	286.00	100	Vertical	Pass
1**	1333.498	34.84	54.0	19.16	AV	286.00	100	Vertical	Pass
2	1443.922	43.63	74.0	30.37	Peak	14.00	300	Vertical	Pass
2**	1443.922	38.42	54.0	15.58	AV	14.00	300	Vertical	Pass
3	4313.374	47.81	74.0	26.19	Peak	36.00	200	Vertical	Pass
3**	4313.374	40.64	54.0	13.36	AV	36.00	200	Vertical	Pass
4	7592.542	55.22	74.0	18.78	Peak	107.00	100	Vertical	Pass
4**	7592.542	44.86	54.0	9.14	AV	107.00	100	Vertical	Pass
5	12536.626	55.80	74.0	18.20	Peak	310.00	300	Vertical	Pass
5**	12536.626	44.28	54.0	9.72	AV	310.00	300	Vertical	Pass
6	15904.067	55.29	74.0	18.71	Peak	155.00	100	Vertical	Pass
6**	15904.067	47.82	54.0	6.18	AV	155.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.137	35.79	74.0	38.21	Peak	80.00	400	Horizontal	Pass
1**	1523.137	31.39	54.0	22.61	AV	80.00	400	Horizontal	Pass
2	4019.308	44.47	74.0	29.53	Peak	137.00	400	Horizontal	Pass
2**	4019.308	34.14	54.0	19.86	AV	137.00	400	Horizontal	Pass
3	7602.022	52.71	74.0	21.29	Peak	5.00	200	Horizontal	Pass
3**	7602.022	45.32	54.0	8.68	AV	5.00	200	Horizontal	Pass
4	12454.954	52.27	74.0	21.73	Peak	31.00	200	Horizontal	Pass
4**	12454.954	42.15	54.0	11.85	AV	31.00	200	Horizontal	Pass
5	16093.284	55.28	74.0	18.72	Peak	171.00	200	Horizontal	Pass
5**	16093.284	43.98	54.0	10.02	AV	171.00	200	Horizontal	Pass
6	17419.708	57.98	74.0	16.02	Peak	306.00	200	Horizontal	Pass
6**	17419.708	49.95	54.0	4.05	AV	306.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.813	43.63	74.0	30.37	Peak	206.00	100	Vertical	Pass
1**	1333.813	36.72	54.0	17.28	AV	206.00	100	Vertical	Pass
2	1437.134	40.07	74.0	33.93	Peak	122.00	200	Vertical	Pass
2**	1437.134	38.57	54.0	15.43	AV	122.00	200	Vertical	Pass
3	4310.428	47.77	74.0	26.23	Peak	48.00	200	Vertical	Pass
3**	4310.428	37.42	54.0	16.58	AV	48.00	200	Vertical	Pass
4	7590.431	52.65	74.0	21.35	Peak	192.00	100	Vertical	Pass
4**	7590.431	45.21	54.0	8.79	AV	192.00	100	Vertical	Pass
5	12535.861	55.22	74.0	18.78	Peak	354.00	200	Vertical	Pass
5**	12535.861	43.33	54.0	10.67	AV	354.00	200	Vertical	Pass
6	15910.118	56.57	74.0	17.43	Peak	97.00	200	Vertical	Pass
6**	15910.118	48.22	54.0	5.78	AV	97.00	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	1524.907	35.90	74.0	38.10	Peak	340.00	400	Horizontal	Pass
1**	1524.907	31.93	54.0	22.07	AV	340.00	400	Horizontal	Pass
2	4017.732	46.34	74.0	27.66	Peak	283.00	200	Horizontal	Pass
2**	4017.732	38.07	54.0	15.93	AV	283.00	200	Horizontal	Pass
3	7601.351	50.95	74.0	23.05	Peak	233.00	200	Horizontal	Pass
3**	7601.351	43.01	54.0	10.99	AV	233.00	200	Horizontal	Pass
4	12454.068	53.28	74.0	20.72	Peak	237.00	300	Horizontal	Pass
4**	12454.068	43.79	54.0	10.21	AV	237.00	300	Horizontal	Pass
5	16097.803	55.43	74.0	18.57	Peak	231.00	400	Horizontal	Pass
5**	16097.803	42.08	54.0	11.92	AV	231.00	400	Horizontal	Pass
6	17416.498	54.08	74.0	19.92	Peak	241.00	300	Horizontal	Pass
6**	17416.498	49.85	54.0	4.15	AV	241.00	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	1336.860	43.79	74.0	30.21	Peak	262.00	100	Vertical	Pass
1**	1336.860	34.78	54.0	19.22	AV	262.00	100	Vertical	Pass
2	1438.960	42.37	74.0	31.63	Peak	276.00	300	Vertical	Pass
2**	1438.960	39.09	54.0	14.91	AV	276.00	300	Vertical	Pass
3	4309.743	47.39	74.0	26.61	Peak	71.00	200	Vertical	Pass
3**	4309.743	36.78	54.0	17.22	AV	71.00	200	Vertical	Pass
4	7597.596	51.78	74.0	22.22	Peak	265.00	400	Vertical	Pass
4**	7597.596	41.95	54.0	12.05	AV	265.00	400	Vertical	Pass
5	12531.345	52.32	74.0	21.68	Peak	284.00	200	Vertical	Pass
5**	12531.345	44.24	54.0	9.76	AV	284.00	200	Vertical	Pass
6	15904.976	56.11	74.0	17.89	Peak	38.00	200	Vertical	Pass
6**	15904.976	46.51	54.0	7.49	AV	38.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.408	38.67	74.0	35.33	Peak	283.00	100	Horizontal	Pass
1**	1521.408	31.32	54.0	22.68	AV	283.00	100	Horizontal	Pass
2	4017.800	48.02	74.0	25.98	Peak	210.00	200	Horizontal	Pass
2**	4017.800	36.41	54.0	17.59	AV	210.00	200	Horizontal	Pass
3	7597.863	50.75	74.0	23.25	Peak	235.00	200	Horizontal	Pass
3**	7597.863	40.96	54.0	13.04	AV	235.00	200	Horizontal	Pass
4	12458.584	56.14	74.0	17.86	Peak	95.00	300	Horizontal	Pass
4**	12458.584	46.34	54.0	7.66	AV	95.00	300	Horizontal	Pass
5	16095.893	51.90	74.0	22.10	Peak	139.00	400	Horizontal	Pass
5**	16095.893	43.58	54.0	10.42	AV	139.00	400	Horizontal	Pass
6	17420.045	53.79	74.0	20.21	Peak	32.00	200	Horizontal	Pass
6**	17420.045	46.19	54.0	7.81	AV	32.00	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	1332.558	45.47	74.0	28.53	Peak	66.00	100	Vertical	Pass
1**	1332.558	35.52	54.0	18.48	AV	66.00	100	Vertical	Pass
2	1438.073	41.81	74.0	32.19	Peak	141.00	400	Vertical	Pass
2**	1438.073	36.63	54.0	17.37	AV	141.00	400	Vertical	Pass
3	4308.418	49.11	74.0	24.89	Peak	183.00	200	Vertical	Pass
3**	4308.418	40.42	54.0	13.58	AV	183.00	200	Vertical	Pass
4	7590.680	52.73	74.0	21.27	Peak	316.00	400	Vertical	Pass
4**	7590.680	44.58	54.0	9.42	AV	316.00	400	Vertical	Pass
5	12533.922	51.75	74.0	22.25	Peak	0.00	400	Vertical	Pass
5**	12533.922	45.73	54.0	8.27	AV	0.00	400	Vertical	Pass
6	15903.100	56.63	74.0	17.37	Peak	34.00	100	Vertical	Pass
6**	15903.100	43.97	54.0	10.03	AV	34.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

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

Test Data**U-NII-1 11a Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.865	57.74	74.0	16.26	Peak	193.00	100	Vertical	Pass
1**	5076.865	42.66	54.0	11.34	AV	193.00	100	Vertical	Pass
2	5150.000	52.93	74.0	21.07	Peak	45.00	100	Vertical	Pass
2**	5150.000	45.2	54.0	8.80	AV	45.00	100	Vertical	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	53.54	74.0	20.46	Peak	60.00	300	Vertical	Pass
1**	5350.000	43.07	54.0	10.93	AV	60.00	300	Vertical	Pass
2	5421.703	56.41	74.0	17.59	Peak	150.00	100	Vertical	Pass
2**	5421.703	45.56	54.0	8.44	AV	150.00	100	Vertical	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	5075.745	54.54	74.0	19.46	Peak	204.00	300	Vertical	Pass
1**	5075.745	46.32	54.0	7.68	AV	204.00	300	Vertical	Pass
2	5150.000	53.6	74.0	20.40	Peak	1.00	200	Vertical	Pass
2**	5150.000	42.37	54.0	11.63	AV	1.00	200	Vertical	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.26	74.0	17.74	Peak	122.00	100	Vertical	Pass
1**	5350.000	43	54.0	11.00	AV	122.00	100	Vertical	Pass
2	5421.858	55.31	74.0	18.69	Peak	2.00	200	Vertical	Pass
2**	5421.858	47	54.0	7.00	AV	2.00	200	Vertical	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	5075.350	57	74.0	17.00	Peak	207.00	200	Vertical	Pass
1**	5075.350	46.43	54.0	7.57	AV	207.00	200	Vertical	Pass
2	5150.000	54.99	74.0	19.01	Peak	171.00	100	Vertical	Pass
2**	5150.000	46.22	54.0	7.78	AV	171.00	100	Vertical	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	53.45	74.0	20.55	Peak	156.00	200	Vertical	Pass
1**	5350.000	43.17	54.0	10.83	AV	156.00	200	Vertical	Pass
2	5422.507	57.97	74.0	16.03	Peak	341.00	200	Vertical	Pass
2**	5422.507	45.84	54.0	8.16	AV	341.00	200	Vertical	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	5078.032	55.4	74.0	18.60	Peak	40.00	200	Vertical	Pass
1**	5078.032	42.67	54.0	11.33	AV	40.00	200	Vertical	Pass
2	5150.000	52.35	74.0	21.65	Peak	173.00	100	Vertical	Pass
2**	5150.000	42.35	54.0	11.65	AV	173.00	100	Vertical	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	54.51	74.0	19.49	Peak	105.00	300	Vertical	Pass
1**	5350.000	43.41	54.0	10.59	AV	105.00	300	Vertical	Pass
2	5421.823	54.66	74.0	19.34	Peak	350.00	200	Vertical	Pass
2**	5421.823	44.48	54.0	9.52	AV	350.00	200	Vertical	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	5076.085	57.96	74.0	16.04	Peak	294.00	100	Vertical	Pass
1**	5076.085	46	54.0	8.00	AV	294.00	100	Vertical	Pass
2	5150.000	56.12	74.0	17.88	Peak	144.00	200	Vertical	Pass
2**	5150.000	45.16	54.0	8.84	AV	144.00	200	Vertical	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	54.75	74.0	19.25	Peak	268.00	100	Vertical	Pass
1**	5350.000	42.38	54.0	11.62	AV	268.00	100	Vertical	Pass
2	5422.406	58.56	74.0	15.44	Peak	222.00	100	Vertical	Pass
2**	5422.406	43.69	54.0	10.31	AV	222.00	100	Vertical	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	5076.824	54.07	74.0	19.93	Peak	11.00	100	Vertical	Pass
1**	5076.824	42.6	54.0	11.40	AV	11.00	100	Vertical	Pass
2	5150.000	53.81	74.0	20.19	Peak	67.00	300	Vertical	Pass
2**	5150.000	45.49	54.0	8.51	AV	67.00	300	Vertical	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	54.24	74.0	19.76	Peak	203.00	300	Vertical	Pass
1**	5350.000	45.29	54.0	8.71	AV	203.00	300	Vertical	Pass
2	5424.238	57.66	74.0	16.34	Peak	61.00	100	Vertical	Pass
2**	5424.238	46.92	54.0	7.08	AV	61.00	100	Vertical	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	4997.245	54.86	74.0	19.14	Peak	216.00	100	Vertical	Pass
1**	4997.245	43.8	54.0	10.20	AV	216.00	100	Vertical	Pass
2	5150.000	53.4	74.0	20.60	Peak	144.00	200	Vertical	Pass
2**	5150.000	46.05	54.0	7.95	AV	144.00	200	Vertical	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	56.43	74.0	17.57	Peak	144.00	100	Vertical	Pass
1**	5350.000	44.19	54.0	9.81	AV	144.00	100	Vertical	Pass
2	5461.409	58.92	74.0	15.08	Peak	177.00	300	Vertical	Pass
2**	5461.409	45.76	54.0	8.24	AV	177.00	300	Vertical	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	4996.318	56.6	74.0	17.40	Peak	182.00	300	Vertical	Pass
1**	4996.318	46.1	54.0	7.90	AV	182.00	300	Vertical	Pass
2	5150.000	55.16	74.0	18.84	Peak	102.00	100	Vertical	Pass
2**	5150.000	44.39	54.0	9.61	AV	102.00	100	Vertical	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	54.79	74.0	19.21	Peak	102.00	300	Vertical	Pass
1**	5350.000	43.47	54.0	10.53	AV	102.00	300	Vertical	Pass
2	5460.154	57.4	74.0	16.60	Peak	335.00	300	Vertical	Pass
2**	5460.154	45.51	54.0	8.49	AV	335.00	300	Vertical	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	4997.739	56.26	74.0	17.74	Peak	249.00	200	Vertical	Pass
1**	4997.739	44.46	54.0	9.54	AV	249.00	200	Vertical	Pass
2	5150.000	55.16	74.0	18.84	Peak	162.00	100	Vertical	Pass
2**	5150.000	43.1	54.0	10.90	AV	162.00	100	Vertical	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	55.45	74.0	18.55	Peak	41.00	200	Vertical	Pass
1**	5350.000	43.48	54.0	10.52	AV	41.00	200	Vertical	Pass
2	5460.334	57.98	74.0	16.02	Peak	115.00	300	Vertical	Pass
2**	5460.334	44.42	54.0	9.58	AV	115.00	300	Vertical	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	4997.276	55.32	74.0	18.68	Peak	6.00	300	Vertical	Pass
1**	4997.276	46.13	54.0	7.87	AV	6.00	300	Vertical	Pass
2	5150.000	55.07	74.0	18.93	Peak	193.00	300	Vertical	Pass
2**	5150.000	43.2	54.0	10.80	AV	193.00	300	Vertical	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	53.25	74.0	20.75	Peak	95.00	100	Vertical	Pass
1**	5350.000	46.29	54.0	7.71	AV	95.00	100	Vertical	Pass
2	5459.520	56.29	74.0	17.71	Peak	36.00	100	Vertical	Pass
2**	5459.520	45.09	54.0	8.91	AV	36.00	100	Vertical	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	4998.640	55.17	74.0	18.83	Peak	201.00	200	Vertical	Pass
1**	4998.640	45.21	54.0	8.79	AV	201.00	200	Vertical	Pass
2	5150.000	55.19	74.0	18.81	Peak	318.00	300	Vertical	Pass
2**	5150.000	42.68	54.0	11.32	AV	318.00	300	Vertical	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	53.44	74.0	20.56	Peak	323.00	300	Vertical	Pass
1**	5350.000	45.7	54.0	8.30	AV	323.00	300	Vertical	Pass
2	5459.295	59.22	74.0	14.78	Peak	136.00	300	Vertical	Pass
2**	5459.295	43.36	54.0	10.64	AV	136.00	300	Vertical	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	4998.435	57.92	74.0	16.08	Peak	317.00	200	Vertical	Pass
1**	4998.435	42.49	54.0	11.51	AV	317.00	200	Vertical	Pass
2	5150.000	53.73	74.0	20.27	Peak	284.00	300	Vertical	Pass
2**	5150.000	46.13	54.0	7.87	AV	284.00	300	Vertical	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	53.2	74.0	20.80	Peak	26.00	300	Vertical	Pass
1**	5350.000	43.35	54.0	10.65	AV	26.00	300	Vertical	Pass
2	5460.664	57.91	74.0	16.09	Peak	324.00	300	Vertical	Pass
2**	5460.664	47.09	54.0	6.91	AV	324.00	300	Vertical	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	5411.614	55.47	74.0	18.53	Peak	210.00	100	Vertical	Pass
1**	5410.709	42.66	54.0	11.34	AV	210.00	100	Vertical	Pass
2	5460.000	54.03	74.0	19.97	Peak	319.00	100	Vertical	Pass
2**	5460.000	44.72	54.0	9.28	AV	319.00	100	Vertical	Pass
3	5466.666	58.37	68.2	9.83	Peak	106.00	200	Vertical	Pass
3**	5466.377	47.97	--	--	AV	106.00	200	Vertical	N/A
4	5470.000	54.96	68.2	13.24	Peak	345.00	100	Vertical	Pass
4**	5470.000	47.59	--	--	AV	345.00	100	Vertical	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.49	68.2	11.71	Peak	219.00	300	Vertical	Pass
2	5777.093	57.67	68.2	10.53	Peak	64.00	200	Vertical	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	5411.787	55.94	74.0	18.06	Peak	190.00	200	Vertical	Pass
1**	5413.009	43.47	54.0	10.53	AV	190.00	200	Vertical	Pass
2	5460.000	55.78	74.0	18.22	Peak	44.00	200	Vertical	Pass
2**	5460.000	43.84	54.0	10.16	AV	44.00	200	Vertical	Pass
3	5467.732	54.68	68.2	13.52	Peak	168.00	200	Vertical	Pass
3**	5468.224	45.36	--	--	AV	168.00	200	Vertical	N/A
4	5470.000	53.76	68.2	14.44	Peak	271.00	300	Vertical	Pass
4**	5470.000	47.27	--	--	AV	271.00	300	Vertical	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	55.58	68.2	12.62	Peak	85.00	300	Vertical	Pass
2	5777.671	57.64	68.2	10.56	Peak	157.00	200	Vertical	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	5411.434	58.44	74.0	15.56	Peak	323.00	300	Vertical	Pass
1**	5411.916	45.93	54.0	8.07	AV	323.00	300	Vertical	Pass
2	5460.000	57.09	74.0	16.91	Peak	203.00	100	Vertical	Pass
2**	5460.000	45.97	54.0	8.03	AV	203.00	100	Vertical	Pass
3	5466.313	55.39	68.2	12.81	Peak	214.00	200	Vertical	Pass
3**	5468.631	45.23	--	--	AV	214.00	200	Vertical	N/A
4	5470.000	56.63	68.2	11.57	Peak	353.00	300	Vertical	Pass
4**	5470.000	44.83	--	--	AV	353.00	300	Vertical	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.23	68.2	13.97	Peak	143.00	200	Vertical	Pass
2	5729.911	62.29	68.2	5.91	Peak	132.00	100	Vertical	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	5455.051	59.49	74.0	14.51	Peak	17.00	200	Vertical	Pass
1**	5455.572	47.06	54.0	6.94	AV	17.00	200	Vertical	Pass
2	5460.000	52.72	74.0	21.28	Peak	186.00	100	Vertical	Pass
2**	5460.000	44.98	54.0	9.02	AV	186.00	100	Vertical	Pass
3	5466.574	65.17	68.2	3.03	Peak	330.00	200	Vertical	Pass
3**	5466.093	47.87	--	--	AV	330.00	200	Vertical	N/A
4	5470.000	61.43	68.2	6.77	Peak	204.00	200	Vertical	Pass
4**	5470.000	45	--	--	AV	204.00	200	Vertical	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	56.98	68.2	11.22	Peak	154.00	200	Vertical	Pass
2	5729.901	62.11	68.2	6.09	Peak	283.00	100	Vertical	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	5453.919	60.39	74.0	13.61	Peak	323.00	200	Vertical	Pass
1**	5454.687	45.73	54.0	8.27	AV	323.00	200	Vertical	Pass
2	5460.000	56.19	74.0	17.81	Peak	223.00	200	Vertical	Pass
2**	5460.000	45.95	54.0	8.05	AV	223.00	200	Vertical	Pass
3	5466.851	62.83	68.2	5.37	Peak	345.00	100	Vertical	Pass
3**	5466.544	48.96	--	--	AV	345.00	100	Vertical	N/A
4	5470.000	59.16	68.2	9.04	Peak	14.00	200	Vertical	Pass
4**	5470.000	46.27	--	--	AV	14.00	200	Vertical	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	53.38	68.2	14.82	Peak	91.00	100	Vertical	Pass
2	5727.442	61.67	68.2	6.53	Peak	121.00	100	Vertical	Pass

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.306	60.92	74.0	13.08	Peak	71.00	300	Vertical	Pass
1**	5455.321	47.42	54.0	6.58	AV	71.00	300	Vertical	Pass
2	5460.000	54.45	74.0	19.55	Peak	14.00	300	Vertical	Pass
2**	5460.000	46.4	54.0	7.60	AV	14.00	300	Vertical	Pass
3	5466.261	64.93	68.2	3.27	Peak	299.00	300	Vertical	Pass
3**	5465.509	48.53	--	--	AV	299.00	300	Vertical	N/A
4	5470.000	59.39	68.2	8.81	Peak	352.00	100	Vertical	Pass
4**	5470.000	45.54	--	--	AV	352.00	100	Vertical	N/A

U-NII-2C 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.34	68.2	13.86	Peak	284.00	300	Vertical	Pass
2	5729.907	64.88	68.2	3.32	Peak	265.00	200	Vertical	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	5643.092	54.83	68.2	13.37	Peak	328.00	300	Horizontal	Pass
2	5650.000	54.3	68.2	13.90	Peak	328.00	300	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	5925.000	52.99	68.2	15.21	Peak	92.00	300	Horizontal	Pass
2	5942.121	58.09	68.2	10.11	Peak	347.00	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	5642.986	54.58	68.2	13.62	Peak	267.00	200	Horizontal	Pass
2	5650.000	52.73	68.2	15.47	Peak	267.00	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	5925.000	50.92	68.2	17.28	Peak	11.00	300	Horizontal	Pass
2	5943.380	55.72	68.2	12.48	Peak	173.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.046	51.82	68.2	16.38	Peak	200.00	100	Horizontal	Pass
2	5650.000	53.72	68.2	14.48	Peak	200.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	48.71	68.2	19.49	Peak	3.00	100	Horizontal	Pass
2	5944.857	56.68	68.2	11.52	Peak	42.00	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	5639.204	49.19	68.2	19.01	Peak	195.00	300	Horizontal	Pass
2	5650.000	52.62	68.2	15.58	Peak	195.00	300	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	5925.000	49.69	68.2	18.51	Peak	199.00	100	Horizontal	Pass
2	5944.886	55.89	68.2	12.31	Peak	88.00	300	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	5637.689	48.52	68.2	19.68	Peak	216.00	100	Horizontal	Pass
2	5650.000	53.37	68.2	14.83	Peak	216.00	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	5925.000	49.63	68.2	18.57	Peak	132.00	100	Horizontal	Pass
2	5945.149	55.71	68.2	12.49	Peak	125.00	300	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	5635.569	48.67	68.2	19.53	Peak	322.00	200	Horizontal	Pass
2	5650.000	53.84	68.2	14.36	Peak	322.00	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	5925.000	47	68.2	21.20	Peak	144.00	300	Horizontal	Pass
2	5945.229	55.32	68.2	12.88	Peak	339.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2520364-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2520364-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2520364-AI.PDF”.

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