



TEST REPORT

Applicant: Acer Incorporated
Address: 8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City
221, Taiwan
Equipment Type: Tablet PC
Model Name: A25014
Brand Name: acer
Marketing Name: Iconia X12, X12-21M
FCC ID: HLZA25014
ISED Number: 1754F-A25014
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 4
(refer to section 3.1)
Sample Arrival Date: Aug. 08, 2025
Test Date: Aug. 10, 2025 - Aug. 23, 2025
Date of Issue: Oct. 17, 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>Oct. 17, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Oct. 17, 2025</u>	<u>1. Updated section 2.4 Technical Information</u>
		<u>2. Updated the A.1 RF Output Power and</u>
		<u>A.4 Power Spectral Density test data;</u>
		<u>3. Add a test plot on A.6 Radiated Spurious</u>
		<u>Emission</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. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Acer Incorporated
Address	8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City 221, Taiwan

2.2 Manufacturer Information

Manufacturer	Acer Incorporated
Address	8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City 221, Taiwan

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	A25014
Series Model Name	N/A
Description of Model name differentiation	N/A
Marketing Name	Iconia X12, X12-21M
Serial Number	NBLK111001530100019H00
Hardware Version	RC-NF196LED
Software Version	Android 15
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac GPS, GLONASS
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location Indoor for IC standard
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: 15.81 mW U-NII-2A: 15.31 mW U-NII-2C: 9.89 mW U-NII-3: 9.18 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: 1.23 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.36 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.84 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.73 dBi
About the Product	The equipment is Tablet PC, intended for used with information technology equipment.

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

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 4	Digital Transmission Systems, Frequency Hopping Systems and Licence Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
4	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
5	KDB Publication 789033 D02v02r01☆	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

Note¹: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note²: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note³: 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	51% to 62%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.9℃ to +26.2℃
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2025.06.16	2026.06.15
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2025.06.16	2026.06.15
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2025.06.17	2026.06.16
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-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	N9038A	MY53220118	2025.06.16	2026.06.15
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2024.07.06	2027.07.05
Amplifier	COM-MV	ZT30-1000M	B2017119082	2024.11.28	2025.11.27
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

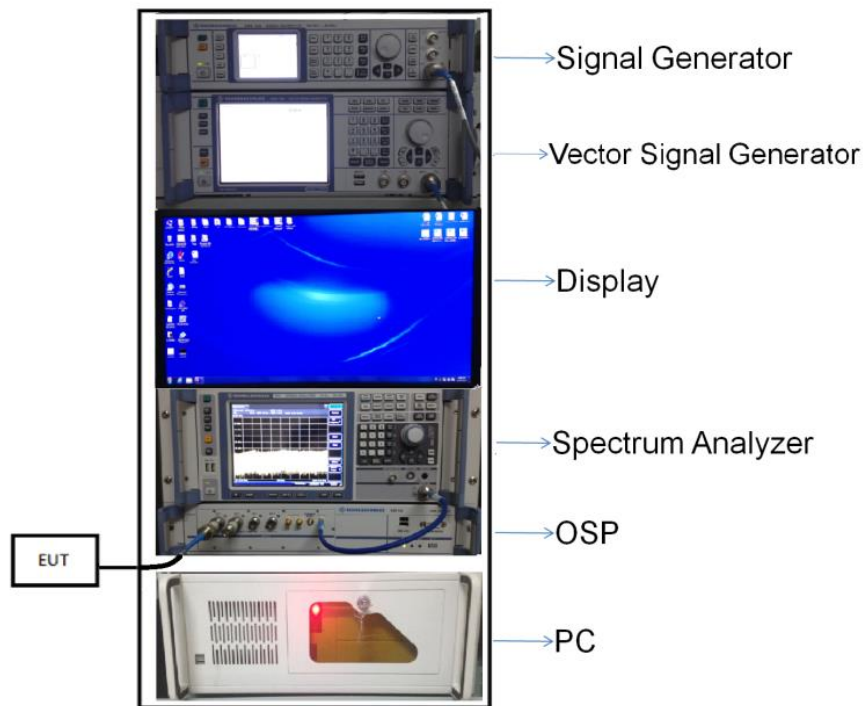
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

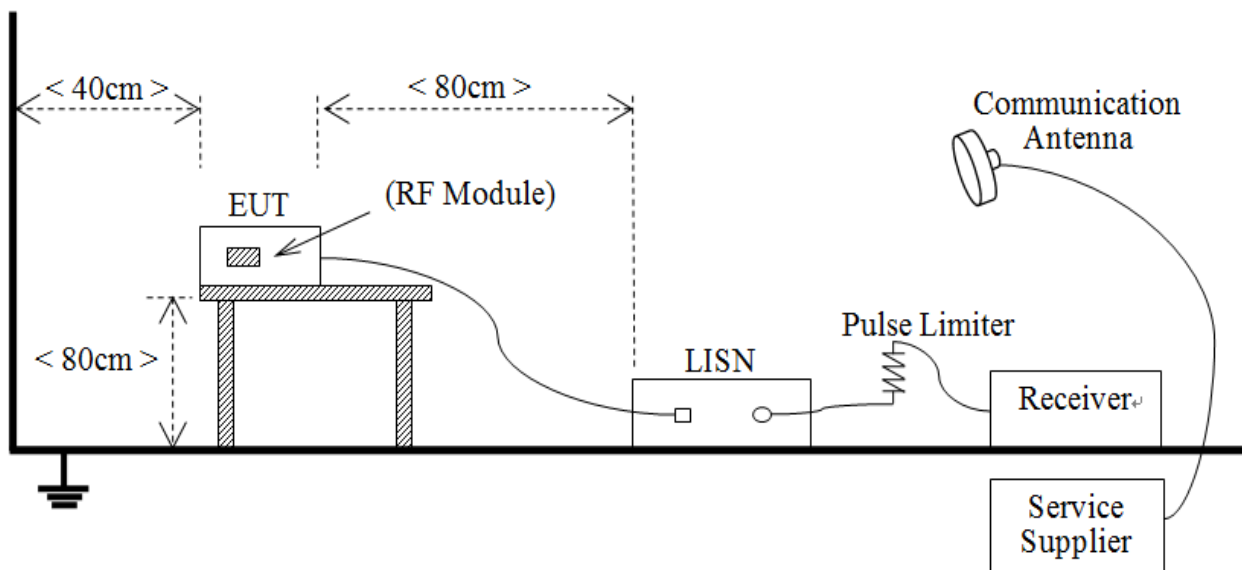
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



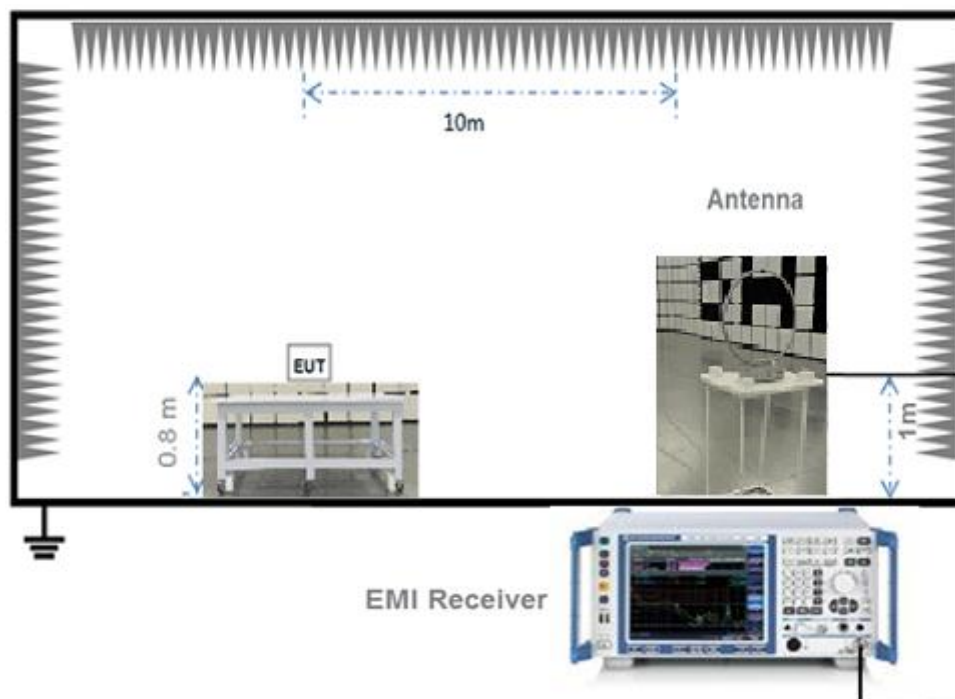
(Diagram 1)

4.5.2 For AC Power Supply Port Test



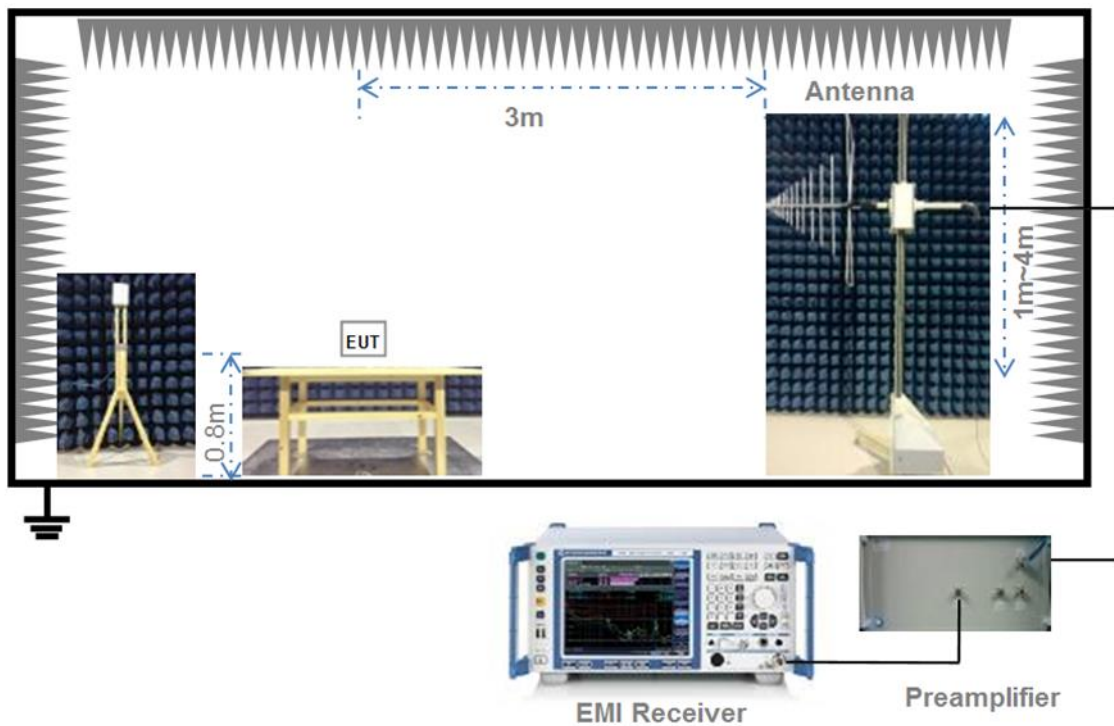
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



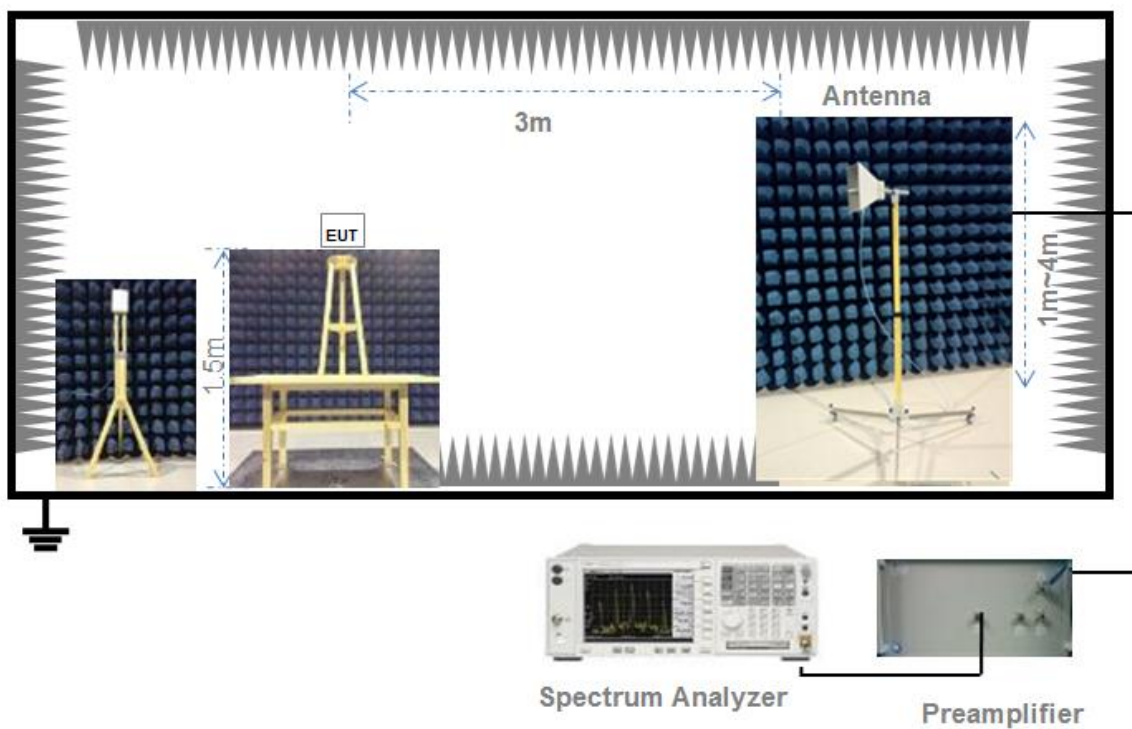
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 99% emissions bandwidth in MHz.	

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

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The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

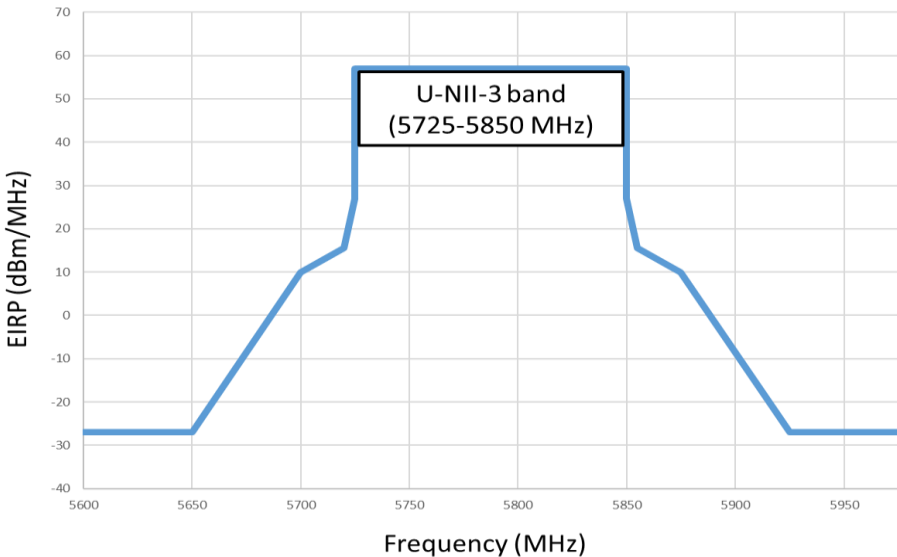
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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.

Note ²: For IC standard, the U-NII-3 (5725 - 5850 MHz) 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	30.12	30.12	100.00%	0.00
11n(HT20)/11ac(VHT20)	20.12	20.12	100.00%	0.00
11n(HT40)/11ac(VHT40)	20.12	20.12	100.00%	0.00
11ac(VHT80)	20.12	20.12	100.00%	0.00

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.84	15.28	250	Pass
11a	CH44	11.94	15.63	250	Pass
11a	CH48	11.95	15.67	250	Pass
11n(HT20)	CH36	11.99	15.81	250	Pass
11n(HT20)	CH44	11.91	15.52	250	Pass
11n(HT20)	CH48	11.81	15.17	250	Pass
11n(HT40)	CH38	11.73	14.89	250	Pass
11n(HT40)	CH46	11.85	15.31	250	Pass
11ac(VHT20)	CH36	11.98	15.78	250	Pass
11ac(VHT20)	CH44	11.91	15.52	250	Pass
11ac(VHT20)	CH48	11.89	15.45	250	Pass
11ac(VHT40)	CH38	11.73	14.89	250	Pass
11ac(VHT40)	CH46	11.93	15.60	250	Pass
11ac(VHT80)	CH42	11.84	15.28	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	11.85	15.31	250	207	Pass
11a	CH60	11.83	15.24	250	208	Pass
11a	CH64	11.73	14.89	250	208	Pass
11n(HT20)	CH52	11.81	15.17	250	222	Pass
11n(HT20)	CH60	11.72	14.86	250	222	Pass
11n(HT20)	CH64	11.61	14.49	250	222	Pass
11n(HT40)	CH54	11.75	14.96	250	250	Pass
11n(HT40)	CH62	11.66	14.66	250	250	Pass
11ac(VHT20)	CH52	11.76	15.00	250	222	Pass
11ac(VHT20)	CH60	11.64	14.59	250	221	Pass
11ac(VHT20)	CH64	11.62	14.52	250	222	Pass
11ac(VHT40)	CH54	11.76	15.00	250	250	Pass
11ac(VHT40)	CH62	11.65	14.62	250	250	Pass
11ac(VHT80)	CH58	11.45	13.96	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	9.82	9.59	250	208	Pass
11a	CH116	9.78	9.51	250	208	Pass
11a	CH140	9.47	8.85	250	208	Pass
11n(HT20)	CH100	9.65	9.23	250	222	Pass
11n(HT20)	CH116	9.77	9.48	250	222	Pass
11n(HT20)	CH140	9.83	9.62	250	222	Pass
11n(HT40)	CH102	9.65	9.23	250	250	Pass
11n(HT40)	CH118	9.85	9.66	250	250	Pass
11n(HT40)	CH134	9.64	9.20	250	250	Pass
11ac(VHT20)	CH100	9.57	9.06	250	222	Pass
11ac(VHT20)	CH116	9.76	9.46	250	222	Pass
11ac(VHT20)	CH140	9.95	9.89	250	222	Pass
11ac(VHT40)	CH102	9.67	9.27	250	250	Pass
11ac(VHT40)	CH118	9.88	9.73	250	250	Pass
11ac(VHT40)	CH134	9.75	9.44	250	250	Pass
11ac(VHT80)	CH106	9.51	8.93	250	250	Pass
11ac(VHT80)	CH122	9.67	9.27	250	250	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH149	9.63	9.18	1000	1000	Pass
11a	CH157	9.46	8.83	1000	1000	Pass
11a	CH165	9.58	9.08	1000	1000	Pass
11n(HT20)	CH149	9.43	8.77	1000	1000	Pass
11n(HT20)	CH157	9.46	8.83	1000	1000	Pass
11n(HT20)	CH165	9.45	8.81	1000	1000	Pass
11n(HT40)	CH151	9.53	8.97	1000	1000	Pass
11n(HT40)	CH159	9.43	8.77	1000	1000	Pass
11ac(VHT20)	CH149	9.51	8.93	1000	1000	Pass
11ac(VHT20)	CH157	9.41	8.73	1000	1000	Pass
11ac(VHT20)	CH165	9.41	8.73	1000	1000	Pass
11ac(VHT40)	CH151	9.56	9.04	1000	1000	Pass
11ac(VHT40)	CH159	9.44	8.79	1000	1000	Pass
11ac(VHT80)	CH155	9.37	8.65	1000	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	13.07	20.28	165	Pass
11a	CH44	13.17	20.75	165	Pass
11a	CH48	13.18	20.80	165	Pass
11n(HT20)	CH36	13.22	20.99	176	Pass
11n(HT20)	CH44	13.14	20.61	176	Pass
11n(HT20)	CH48	13.04	20.14	176	Pass
11n(HT40)	CH38	12.96	19.77	200	Pass
11n(HT40)	CH46	13.08	20.32	200	Pass
11ac(VHT20)	CH36	13.21	20.94	176	Pass
11ac(VHT20)	CH44	13.14	20.61	176	Pass
11ac(VHT20)	CH48	13.12	20.51	176	Pass
11ac(VHT40)	CH38	12.96	19.77	200	Pass
11ac(VHT40)	CH46	13.16	20.70	200	Pass
11ac(VHT80)	CH42	13.07	20.28	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	14.21	26.36	826	Pass
11a	CH60	14.19	26.24	826	Pass
11a	CH64	14.09	25.64	827	Pass
11n(HT20)	CH52	14.17	26.12	882	Pass
11n(HT20)	CH60	14.08	25.59	883	Pass
11n(HT20)	CH64	13.97	24.95	882	Pass
11n(HT40)	CH54	14.11	25.76	1000	Pass
11n(HT40)	CH62	14.02	25.23	1000	Pass
11ac(VHT20)	CH52	14.12	25.82	882	Pass
11ac(VHT20)	CH60	14.00	25.12	882	Pass
11ac(VHT20)	CH64	13.98	25.00	883	Pass
11ac(VHT40)	CH54	14.12	25.82	1000	Pass
11ac(VHT40)	CH62	14.01	25.18	1000	Pass
11ac(VHT80)	CH58	13.81	24.04	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	11.66	14.66	828	Pass
11a	CH116	11.62	14.52	827	Pass
11a	CH140	11.31	13.52	827	Pass
11n(HT20)	CH100	11.49	14.09	882	Pass
11n(HT20)	CH116	11.61	14.49	883	Pass
11n(HT20)	CH140	11.67	14.69	883	Pass
11n(HT40)	CH102	11.49	14.09	1000	Pass
11n(HT40)	CH118	11.69	14.76	1000	Pass
11n(HT40)	CH134	11.48	14.06	1000	Pass
11ac(VHT20)	CH100	11.41	13.84	882	Pass
11ac(VHT20)	CH116	11.60	14.45	883	Pass
11ac(VHT20)	CH140	11.79	15.10	883	Pass
11ac(VHT40)	CH102	11.51	14.16	1000	Pass
11ac(VHT40)	CH118	11.72	14.86	1000	Pass
11ac(VHT40)	CH134	11.59	14.42	1000	Pass
11ac(VHT80)	CH106	11.35	13.65	1000	Pass
11ac(VHT80)	CH122	11.51	14.16	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	10.36	10.86	Pass
11a	CH157	10.19	10.45	Pass
11a	CH165	10.31	10.74	Pass
11n(HT20)	CH149	10.16	10.38	Pass
11n(HT20)	CH157	10.19	10.45	Pass
11n(HT20)	CH165	10.18	10.42	Pass
11n(HT40)	CH151	10.26	10.62	Pass
11n(HT40)	CH159	10.16	10.38	Pass
11ac(VHT20)	CH149	10.24	10.57	Pass
11ac(VHT20)	CH157	10.14	10.33	Pass
11ac(VHT20)	CH165	10.14	10.33	Pass
11ac(VHT40)	CH151	10.29	10.69	Pass
11ac(VHT40)	CH159	10.17	10.40	Pass
11ac(VHT80)	CH155	10.10	10.23	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2580344-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.93	16.49
11a	CH44	19.90	16.48
11a	CH48	20.10	16.47
11n(HT20)	CH36	20.18	17.60
11n(HT20)	CH44	20.47	17.58
11n(HT20)	CH48	20.26	17.61
11n(HT40)	CH38	40.42	36.08
11n(HT40)	CH46	40.41	36.04
11ac(VHT20)	CH36	20.19	17.60
11ac(VHT20)	CH44	20.28	17.60
11ac(VHT20)	CH48	20.41	17.60
11ac(VHT40)	CH38	40.24	36.04
11ac(VHT40)	CH46	40.41	36.06
11ac(VHT80)	CH42	81.03	75.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	19.91	16.48
11a	CH60	19.92	16.49
11a	CH64	20.01	16.50
11n(HT20)	CH52	20.39	17.60
11n(HT20)	CH60	20.19	17.61
11n(HT20)	CH64	20.32	17.60
11n(HT40)	CH54	40.44	36.08
11n(HT40)	CH62	40.81	36.09
11ac(VHT20)	CH52	20.29	17.60
11ac(VHT20)	CH60	20.19	17.59
11ac(VHT20)	CH64	20.30	17.62
11ac(VHT40)	CH54	40.49	36.06
11ac(VHT40)	CH62	40.51	36.06
11ac(VHT80)	CH58	81.23	75.52

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	19.93	16.53
11a	CH116	19.89	16.51
11a	CH140	19.95	16.49
11n(HT20)	CH100	20.24	17.61
11n(HT20)	CH116	20.27	17.62
11n(HT20)	CH140	20.28	17.62
11n(HT40)	CH102	40.84	36.09
11n(HT40)	CH118	40.41	36.11
11n(HT40)	CH134	40.31	36.06
11ac(VHT20)	CH100	20.35	17.61
11ac(VHT20)	CH116	20.30	17.61
11ac(VHT20)	CH140	20.28	17.62
11ac(VHT40)	CH102	40.32	36.08
11ac(VHT40)	CH118	40.37	36.08
11ac(VHT40)	CH134	40.39	36.08
11ac(VHT80)	CH106	80.89	75.59
11ac(VHT80)	CH122	81.02	75.56

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.87	16.52
11a	CH157	19.96	16.53
11a	CH165	19.89	16.50
11n(HT20)	CH149	20.33	17.62
11n(HT20)	CH157	20.38	17.65
11n(HT20)	CH165	20.23	17.60
11n(HT40)	CH151	40.48	36.11
11n(HT40)	CH159	40.51	36.12
11ac(VHT20)	CH149	20.30	17.61
11ac(VHT20)	CH157	20.32	17.61
11ac(VHT20)	CH165	20.33	17.62
11ac(VHT40)	CH151	40.39	36.10
11ac(VHT40)	CH159	40.67	36.12
11ac(VHT80)	CH155	80.88	75.69

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2580344-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	17.80	500.00	Pass
11n(HT20)	CH157	17.80	500.00	Pass
11n(HT20)	CH165	17.80	500.00	Pass
11n(HT40)	CH151	36.20	500.00	Pass
11n(HT40)	CH159	36.40	500.00	Pass
11ac(VHT20)	CH149	17.80	500.00	Pass
11ac(VHT20)	CH157	17.80	500.00	Pass
11ac(VHT20)	CH165	17.80	500.00	Pass
11ac(VHT40)	CH151	36.40	500.00	Pass
11ac(VHT40)	CH159	36.10	500.00	Pass
11ac(VHT80)	CH155	76.60	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2580344-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-0.23	11.00	Pass
11a	CH44	-0.37	11.00	Pass
11a	CH48	-0.30	11.00	Pass
11n(HT20)	CH36	-0.45	11.00	Pass
11n(HT20)	CH44	-0.54	11.00	Pass
11n(HT20)	CH48	-0.67	11.00	Pass
11n(HT40)	CH38	-3.16	11.00	Pass
11n(HT40)	CH46	-3.41	11.00	Pass
11ac(VHT20)	CH36	-0.47	11.00	Pass
11ac(VHT20)	CH44	-0.53	11.00	Pass
11ac(VHT20)	CH48	-0.59	11.00	Pass
11ac(VHT40)	CH38	-3.24	11.00	Pass
11ac(VHT40)	CH46	-3.40	11.00	Pass
11ac(VHT80)	CH42	-6.60	11.00	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	-0.43	11.00	11.00	Pass
11a	CH60	-0.42	11.00	11.00	Pass
11a	CH64	-0.48	11.00	11.00	Pass
11n(HT20)	CH52	-0.59	11.00	11.00	Pass
11n(HT20)	CH60	-0.77	11.00	11.00	Pass
11n(HT20)	CH64	-0.78	11.00	11.00	Pass
11n(HT40)	CH54	-3.58	11.00	11.00	Pass
11n(HT40)	CH62	-3.65	11.00	11.00	Pass
11ac(VHT20)	CH52	-0.70	11.00	11.00	Pass
11ac(VHT20)	CH60	-0.78	11.00	11.00	Pass
11ac(VHT20)	CH64	-0.83	11.00	11.00	Pass
11ac(VHT40)	CH54	-3.54	11.00	11.00	Pass
11ac(VHT40)	CH62	-3.56	11.00	11.00	Pass
11ac(VHT80)	CH58	-7.11	11.00	11.00	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	-1.96	11.00	11.00	Pass
11a	CH116	-2.08	11.00	11.00	Pass
11a	CH140	-1.90	11.00	11.00	Pass
11n(HT20)	CH100	-2.28	11.00	11.00	Pass
11n(HT20)	CH116	-2.26	11.00	11.00	Pass
11n(HT20)	CH140	-2.35	11.00	11.00	Pass
11n(HT40)	CH102	-5.08	11.00	11.00	Pass
11n(HT40)	CH118	-5.06	11.00	11.00	Pass
11n(HT40)	CH134	-4.92	11.00	11.00	Pass
11ac(VHT20)	CH100	-2.34	11.00	11.00	Pass
11ac(VHT20)	CH116	-2.28	11.00	11.00	Pass
11ac(VHT20)	CH140	-2.14	11.00	11.00	Pass
11ac(VHT40)	CH102	-5.07	11.00	11.00	Pass
11ac(VHT40)	CH118	-4.96	11.00	11.00	Pass
11ac(VHT40)	CH134	-4.92	11.00	11.00	Pass
11ac(VHT80)	CH106	-8.65	11.00	11.00	Pass
11ac(VHT80)	CH122	-8.39	11.00	11.00	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	-5.26	30.00	30.00	Pass
11a	CH157	-5.39	30.00	30.00	Pass
11a	CH165	-5.22	30.00	30.00	Pass
11n(HT20)	CH149	-5.59	30.00	30.00	Pass
11n(HT20)	CH157	-5.60	30.00	30.00	Pass
11n(HT20)	CH165	-5.62	30.00	30.00	Pass
11n(HT40)	CH151	-8.44	30.00	30.00	Pass
11n(HT40)	CH159	-8.58	30.00	30.00	Pass
11ac(VHT20)	CH149	-5.56	30.00	30.00	Pass
11ac(VHT20)	CH157	-5.72	30.00	30.00	Pass
11ac(VHT20)	CH165	-5.73	30.00	30.00	Pass
11ac(VHT40)	CH151	-8.36	30.00	30.00	Pass
11ac(VHT40)	CH159	-8.56	30.00	30.00	Pass
11ac(VHT80)	CH155	-11.98	30.00	30.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	1.00	10.00	Pass
11a	CH44	0.86	10.00	Pass
11a	CH48	0.93	10.00	Pass
11n(HT20)	CH36	0.78	10.00	Pass
11n(HT20)	CH44	0.69	10.00	Pass
11n(HT20)	CH48	0.56	10.00	Pass
11n(HT40)	CH38	-1.93	10.00	Pass
11n(HT40)	CH46	-2.18	10.00	Pass
11ac(VHT20)	CH36	0.76	10.00	Pass
11ac(VHT20)	CH44	0.71	10.00	Pass
11ac(VHT20)	CH48	0.65	10.00	Pass
11ac(VHT40)	CH38	-2.01	10.00	Pass
11ac(VHT40)	CH46	-2.17	10.00	Pass
11ac(VHT80)	CH42	-5.37	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	1.93	Pass
11a	CH60	1.94	Pass
11a	CH64	1.89	Pass
11n(HT20)	CH52	1.77	Pass
11n(HT20)	CH60	1.59	Pass
11n(HT20)	CH64	1.58	Pass
11n(HT40)	CH54	-1.22	Pass
11n(HT40)	CH62	-1.29	Pass
11ac(VHT20)	CH52	1.67	Pass
11ac(VHT20)	CH60	1.58	Pass
11ac(VHT20)	CH64	1.53	Pass
11ac(VHT40)	CH54	-1.18	Pass
11ac(VHT40)	CH62	-1.20	Pass
11ac(VHT80)	CH58	-4.75	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-0.12	Pass
11a	CH116	-0.24	Pass
11a	CH140	-0.06	Pass
11n(HT20)	CH100	-0.44	Pass
11n(HT20)	CH116	-0.42	Pass
11n(HT20)	CH140	-0.51	Pass
11n(HT40)	CH102	-3.24	Pass
11n(HT40)	CH118	-3.22	Pass
11n(HT40)	CH134	-3.08	Pass
11ac(VHT20)	CH100	-0.50	Pass
11ac(VHT20)	CH116	-0.44	Pass
11ac(VHT20)	CH140	-0.30	Pass
11ac(VHT40)	CH102	-3.23	Pass
11ac(VHT40)	CH118	-3.12	Pass
11ac(VHT40)	CH134	-3.08	Pass
11ac(VHT80)	CH106	-6.81	Pass
11ac(VHT80)	CH122	-6.55	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
11a	CH149	-4.53	Pass
11a	CH157	-4.66	Pass
11a	CH165	-4.49	Pass
11n(HT20)	CH149	-4.86	Pass
11n(HT20)	CH157	-4.87	Pass
11n(HT20)	CH165	-4.89	Pass
11n(HT40)	CH151	-7.71	Pass
11n(HT40)	CH159	-7.85	Pass
11ac(VHT20)	CH149	-4.83	Pass
11ac(VHT20)	CH157	-4.99	Pass
11ac(VHT20)	CH165	-5.00	Pass
11ac(VHT40)	CH151	-7.63	Pass
11ac(VHT40)	CH159	-7.83	Pass
11ac(VHT80)	CH155	-11.25	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.

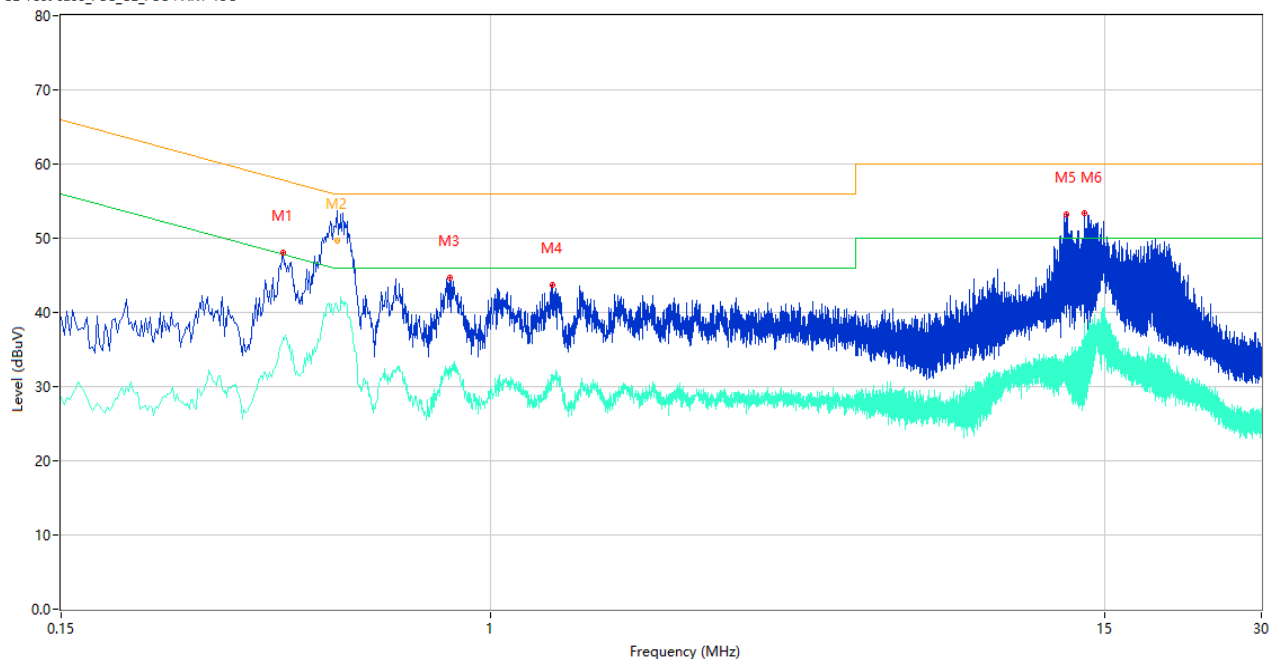
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

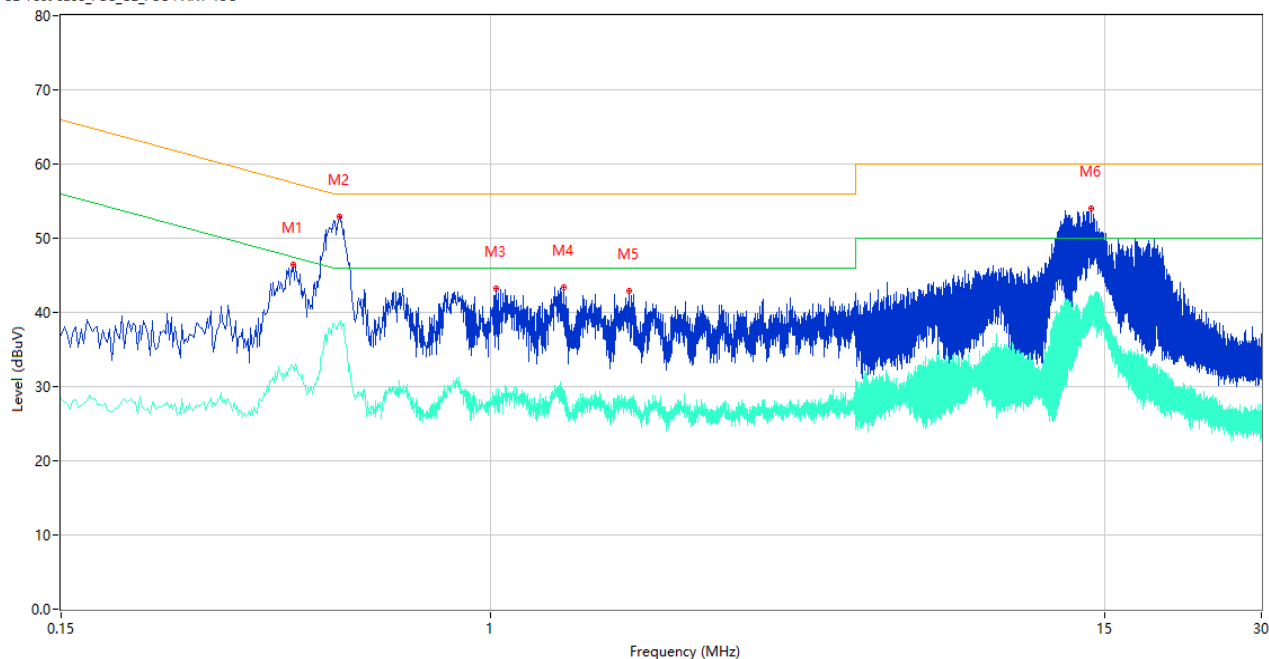
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Margin (dB)	Detector	Line	Verdict
1	0.400	48.04	10.61	57.85	9.81	Peak	L	Pass
1**	0.400	36.68	10.61	47.85	11.17	AV	L	Pass
2	0.508	53.95	10.05	56.00	2.05	Peak	L	N/A
2*	0.508	49.71	10.05	56.00	6.29	QP	L	Pass
2**	0.508	41.03	10.05	46.00	4.97	AV	L	Pass
3	0.834	44.64	10.66	56.00	11.36	Peak	L	Pass
3**	0.834	32.19	10.66	46.00	13.81	AV	L	Pass
4	1.312	43.71	10.44	56.00	12.29	Peak	L	Pass
4**	1.312	30.95	10.44	46.00	15.05	AV	L	Pass
5	12.700	53.21	10.56	60.00	6.79	Peak	L	Pass
5**	12.700	30.97	10.56	50.00	19.03	AV	L	Pass
6	13.758	53.44	10.67	60.00	6.56	Peak	L	Pass
6**	13.758	38.60	10.67	50.00	11.40	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	0.418	46.45	10.42	57.49	11.04	Peak	N	Pass
1**	0.418	32.79	10.42	47.49	14.70	AV	N	Pass
2	0.512	52.90	10.05	56.00	3.10	Peak	N	Pass
2**	0.512	38.74	10.05	46.00	7.26	AV	N	Pass
3	1.026	43.19	10.14	56.00	12.81	Peak	N	Pass
3**	1.026	29.76	10.14	46.00	16.24	AV	N	Pass
4	1.382	43.33	9.88	56.00	12.67	Peak	N	Pass
4**	1.382	29.56	9.88	46.00	16.44	AV	N	Pass
5	1.842	42.94	10.15	56.00	13.06	Peak	N	Pass
5**	1.842	28.30	10.15	46.00	17.70	AV	N	Pass
6	14.186	54.11	10.86	60.00	5.89	Peak	N	Pass
6**	14.186	41.24	10.86	50.00	8.76	AV	N	Pass

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

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

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

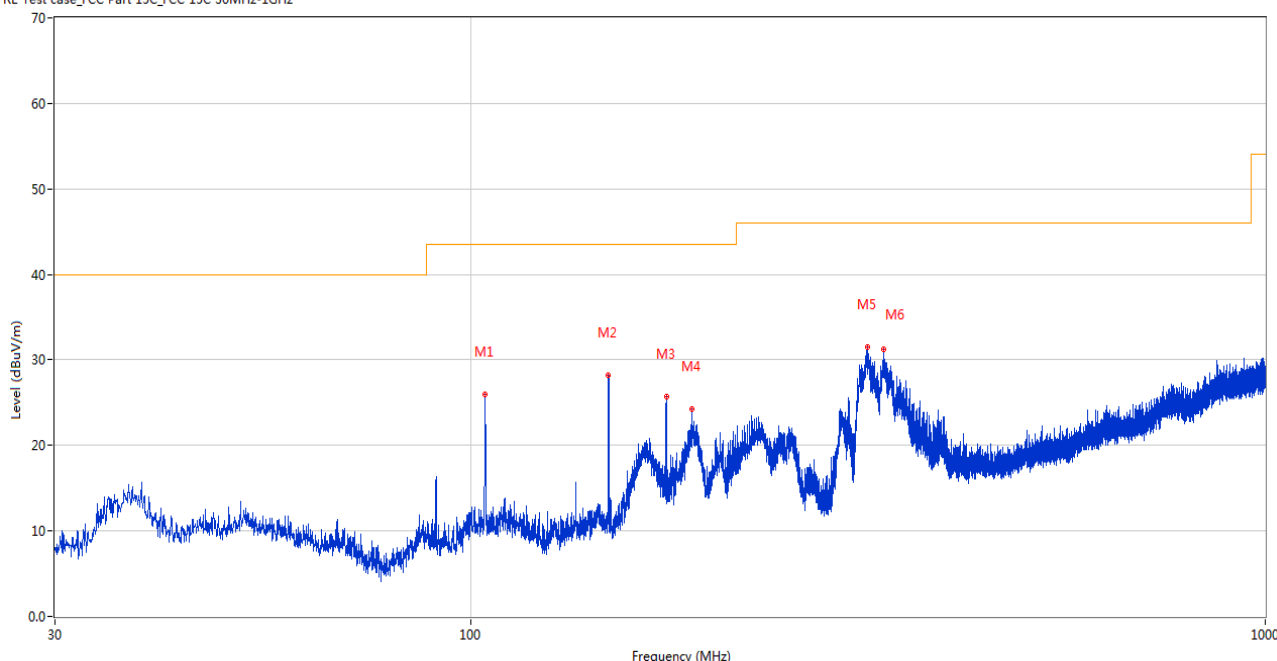
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

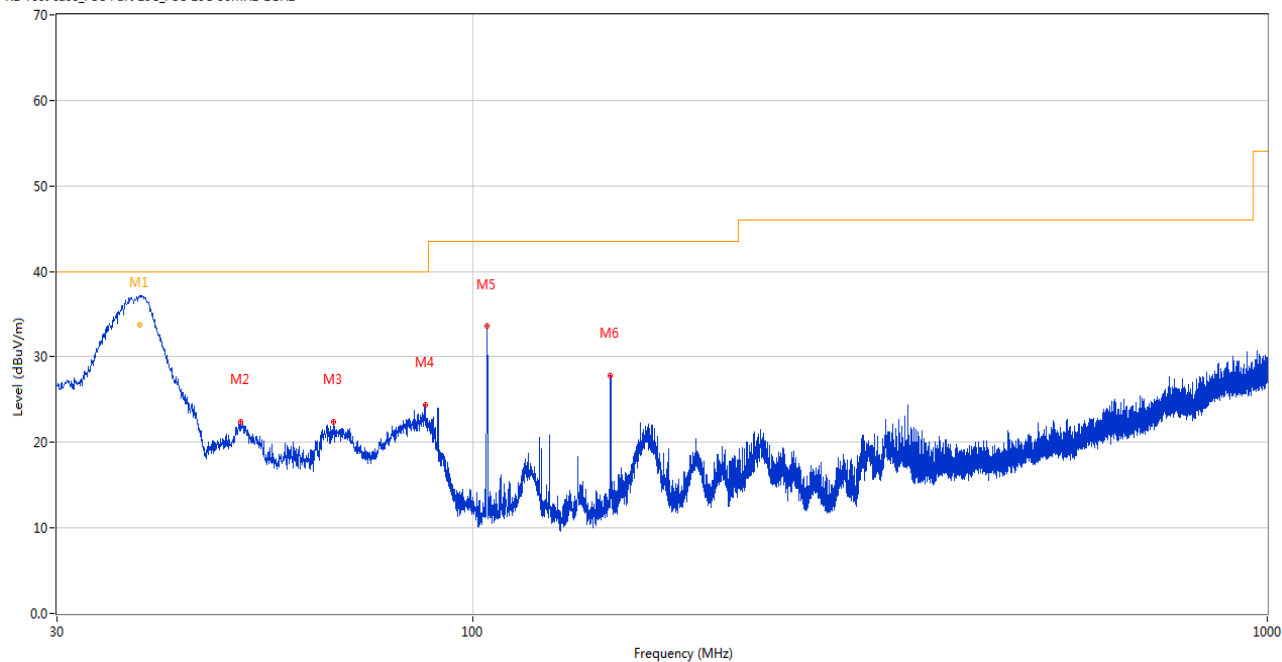
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	104.302	26.02	-26.62	43.5	17.48	Peak	335.70	100	Horizontal	Pass
2	149.165	28.16	-29.83	43.5	15.34	Peak	17.70	100	Horizontal	Pass
3	176.276	25.68	-28.15	43.5	17.82	Peak	74.40	100	Horizontal	Pass
4	189.904	24.25	-26.55	43.5	19.25	Peak	66.50	100	Horizontal	Pass
5	316.102	31.46	-22.86	46.0	14.54	Peak	106.30	100	Horizontal	Pass
6	331.379	31.25	-22.06	46.0	14.75	Peak	114.20	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.148	36.71	-26.74	40.0	3.29	Peak	131.50	104	Vertical	N/A
1*	38.148	33.79	-26.74	40.0	6.21	QP	131.50	104	Vertical	Pass
2	51.049	22.42	-24.82	40.0	17.58	Peak	36.80	100	Vertical	Pass
3	66.909	22.45	-28.14	40.0	17.55	Peak	336.20	100	Vertical	Pass
4	87.133	24.40	-29.61	40.0	15.60	Peak	44.90	100	Vertical	Pass
5	104.302	33.55	-26.62	43.5	9.95	Peak	113.60	100	Vertical	Pass
6	149.165	27.82	-29.83	43.5	15.68	Peak	340.40	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.703	40.51	74.0	33.49	Peak	126.00	200	Horizontal	Pass
1**	1511.703	31.83	54.0	22.17	AV	126.00	200	Horizontal	Pass
2	2348.024	44.42	74.0	29.58	Peak	106.00	100	Horizontal	Pass
2**	2348.024	37.25	54.0	16.75	AV	106.00	100	Horizontal	Pass
3	4205.472	48.81	74.0	25.19	Peak	40.00	200	Horizontal	Pass
3**	4205.472	36.69	54.0	17.31	AV	40.00	200	Horizontal	Pass
4	7431.596	53.03	74.0	20.97	Peak	179.00	400	Horizontal	Pass
4**	7431.596	41.26	54.0	12.74	AV	179.00	400	Horizontal	Pass
5	12521.731	53.74	74.0	20.26	Peak	339.00	100	Horizontal	Pass
5**	12521.731	47.83	54.0	6.17	AV	339.00	100	Horizontal	Pass
6	16150.805	54.59	74.0	19.41	Peak	21.00	200	Horizontal	Pass
6**	16150.805	41.37	54.0	12.63	AV	21.00	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	1569.358	38.69	74.0	35.31	Peak	149.00	100	Vertical	Pass
1**	1569.358	27.84	54.0	26.16	AV	149.00	100	Vertical	Pass
2	2346.081	44.84	74.0	29.16	Peak	145.00	400	Vertical	Pass
2**	2346.081	31.06	54.0	22.94	AV	145.00	400	Vertical	Pass
3	3918.606	43.81	74.0	30.19	Peak	185.00	200	Vertical	Pass
3**	3918.606	35.05	54.0	18.95	AV	185.00	200	Vertical	Pass
4	7683.551	49.48	74.0	24.52	Peak	110.00	200	Vertical	Pass
4**	7683.551	42.16	54.0	11.84	AV	110.00	200	Vertical	Pass
5	12526.986	53.21	74.0	20.79	Peak	246.00	100	Vertical	Pass
5**	12526.986	41.46	54.0	12.54	AV	246.00	100	Vertical	Pass
6	15382.604	55.99	74.0	18.01	Peak	324.00	400	Vertical	Pass
6**	15382.604	41.87	54.0	12.13	AV	324.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.021	40.25	74.0	33.75	Peak	19.00	300	Horizontal	Pass
1**	1513.021	30.55	54.0	23.45	AV	19.00	300	Horizontal	Pass
2	2347.090	42.15	74.0	31.85	Peak	190.00	100	Horizontal	Pass
2**	2347.090	35.34	54.0	18.66	AV	190.00	100	Horizontal	Pass
3	4206.036	47.35	74.0	26.65	Peak	337.00	200	Horizontal	Pass
3**	4206.036	37.41	54.0	16.59	AV	337.00	200	Horizontal	Pass
4	7431.357	52.38	74.0	21.62	Peak	235.00	400	Horizontal	Pass
4**	7431.357	45.84	54.0	8.16	AV	235.00	400	Horizontal	Pass
5	12519.364	58.47	74.0	15.53	Peak	270.00	200	Horizontal	Pass
5**	12519.364	48.20	54.0	5.80	AV	270.00	200	Horizontal	Pass
6	16143.763	52.56	74.0	21.44	Peak	267.00	300	Horizontal	Pass
6**	16143.763	43.46	54.0	10.54	AV	267.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.686	33.86	74.0	40.14	Peak	334.00	400	Vertical	Pass
1**	1568.686	29.60	54.0	24.40	AV	334.00	400	Vertical	Pass
2	2345.931	42.45	74.0	31.55	Peak	135.00	100	Vertical	Pass
2**	2345.931	34.54	54.0	19.46	AV	135.00	100	Vertical	Pass
3	3919.778	42.27	74.0	31.73	Peak	32.00	200	Vertical	Pass
3**	3919.778	34.66	54.0	19.34	AV	32.00	200	Vertical	Pass
4	7682.379	49.85	74.0	24.15	Peak	245.00	200	Vertical	Pass
4**	7682.379	43.98	54.0	10.02	AV	245.00	200	Vertical	Pass
5	12526.619	56.60	74.0	17.40	Peak	267.00	300	Vertical	Pass
5**	12526.619	45.12	54.0	8.88	AV	267.00	300	Vertical	Pass
6	15382.298	56.09	74.0	17.91	Peak	116.00	300	Vertical	Pass
6**	15382.298	47.54	54.0	6.46	AV	116.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.936	39.43	74.0	34.57	Peak	187.00	100	Horizontal	Pass
1**	1514.936	26.72	54.0	27.28	AV	187.00	100	Horizontal	Pass
2	2347.401	46.92	74.0	27.08	Peak	304.00	200	Horizontal	Pass
2**	2347.401	37.22	54.0	16.78	AV	304.00	200	Horizontal	Pass
3	4204.547	49.32	74.0	24.68	Peak	46.00	200	Horizontal	Pass
3**	4204.547	37.41	54.0	16.59	AV	46.00	200	Horizontal	Pass
4	7432.035	55.93	74.0	18.07	Peak	79.00	100	Horizontal	Pass
4**	7432.035	45.43	54.0	8.57	AV	79.00	100	Horizontal	Pass
5	12516.064	56.60	74.0	17.40	Peak	327.00	300	Horizontal	Pass
5**	12516.064	46.98	54.0	7.02	AV	327.00	300	Horizontal	Pass
6	16143.383	53.08	74.0	20.92	Peak	282.00	200	Horizontal	Pass
6**	16143.383	42.68	54.0	11.32	AV	282.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.609	37.83	74.0	36.17	Peak	45.00	100	Vertical	Pass
1**	1569.609	24.47	54.0	29.53	AV	45.00	100	Vertical	Pass
2	2345.285	46.93	74.0	27.07	Peak	265.00	300	Vertical	Pass
2**	2345.285	34.13	54.0	19.87	AV	265.00	300	Vertical	Pass
3	3919.249	42.99	74.0	31.01	Peak	288.00	200	Vertical	Pass
3**	3919.249	37.70	54.0	16.30	AV	288.00	200	Vertical	Pass
4	7676.864	53.22	74.0	20.78	Peak	33.00	400	Vertical	Pass
4**	7676.864	41.38	54.0	12.62	AV	33.00	400	Vertical	Pass
5	12527.406	56.88	74.0	17.12	Peak	228.00	400	Vertical	Pass
5**	12527.406	43.53	54.0	10.47	AV	228.00	400	Vertical	Pass
6	15383.320	55.60	74.0	18.40	Peak	221.00	300	Vertical	Pass
6**	15383.320	45.61	54.0	8.39	AV	221.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.350	36.98	74.0	37.02	Peak	95.00	300	Horizontal	Pass
1**	1511.350	32.39	54.0	21.61	AV	95.00	300	Horizontal	Pass
2	2348.117	44.71	74.0	29.29	Peak	158.00	300	Horizontal	Pass
2**	2348.117	35.80	54.0	18.20	AV	158.00	300	Horizontal	Pass
3	4208.645	48.03	74.0	25.97	Peak	313.00	200	Horizontal	Pass
3**	4208.645	39.86	54.0	14.14	AV	313.00	200	Horizontal	Pass
4	7430.830	54.76	74.0	19.24	Peak	43.00	300	Horizontal	Pass
4**	7430.830	42.68	54.0	11.32	AV	43.00	300	Horizontal	Pass
5	12520.657	54.35	74.0	19.65	Peak	59.00	300	Horizontal	Pass
5**	12520.657	45.19	54.0	8.81	AV	59.00	300	Horizontal	Pass
6	16150.545	55.92	74.0	18.08	Peak	331.00	100	Horizontal	Pass
6**	16150.545	45.62	54.0	8.38	AV	331.00	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	1573.923	33.90	74.0	40.10	Peak	110.00	200	Vertical	Pass
1**	1573.923	25.02	54.0	28.98	AV	110.00	200	Vertical	Pass
2	2348.815	42.20	74.0	31.80	Peak	118.00	100	Vertical	Pass
2**	2348.815	32.77	54.0	21.23	AV	118.00	100	Vertical	Pass
3	3914.907	44.24	74.0	29.76	Peak	100.00	200	Vertical	Pass
3**	3914.907	33.33	54.0	20.67	AV	100.00	200	Vertical	Pass
4	7679.527	52.84	74.0	21.16	Peak	191.00	100	Vertical	Pass
4**	7679.527	42.89	54.0	11.11	AV	191.00	100	Vertical	Pass
5	12530.217	58.26	74.0	15.74	Peak	227.00	200	Vertical	Pass
5**	12530.217	40.15	54.0	13.85	AV	227.00	200	Vertical	Pass
6	15380.356	54.87	74.0	19.13	Peak	16.00	100	Vertical	Pass
6**	15380.356	43.36	54.0	10.64	AV	16.00	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	1511.471	36.66	74.0	37.34	Peak	40.00	300	Horizontal	Pass
1**	1511.471	30.30	54.0	23.70	AV	40.00	300	Horizontal	Pass
2	2349.482	44.67	74.0	29.33	Peak	334.00	200	Horizontal	Pass
2**	2349.482	38.93	54.0	15.07	AV	334.00	200	Horizontal	Pass
3	4203.348	46.90	74.0	27.10	Peak	198.00	200	Horizontal	Pass
3**	4203.348	40.11	54.0	13.89	AV	198.00	200	Horizontal	Pass
4	7430.513	55.31	74.0	18.69	Peak	215.00	400	Horizontal	Pass
4**	7430.513	42.58	54.0	11.42	AV	215.00	400	Horizontal	Pass
5	12518.814	54.08	74.0	19.92	Peak	359.00	300	Horizontal	Pass
5**	12518.814	46.55	54.0	7.45	AV	359.00	300	Horizontal	Pass
6	16150.915	55.60	74.0	18.40	Peak	297.00	300	Horizontal	Pass
6**	16150.915	44.24	54.0	9.76	AV	297.00	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	1570.246	37.51	74.0	36.49	Peak	262.00	400	Vertical	Pass
1**	1570.246	25.71	54.0	28.29	AV	262.00	400	Vertical	Pass
2	2343.532	47.41	74.0	26.59	Peak	198.00	200	Vertical	Pass
2**	2343.532	34.48	54.0	19.52	AV	198.00	200	Vertical	Pass
3	3919.602	43.35	74.0	30.65	Peak	204.00	200	Vertical	Pass
3**	3919.602	36.01	54.0	17.99	AV	204.00	200	Vertical	Pass
4	7679.080	49.81	74.0	24.19	Peak	1.00	400	Vertical	Pass
4**	7679.080	45.13	54.0	8.87	AV	1.00	400	Vertical	Pass
5	12527.082	55.17	74.0	18.83	Peak	48.00	200	Vertical	Pass
5**	12527.082	45.00	54.0	9.00	AV	48.00	200	Vertical	Pass
6	15379.833	50.39	74.0	23.61	Peak	185.00	400	Vertical	Pass
6**	15379.833	42.31	54.0	11.69	AV	185.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.299	40.63	74.0	33.37	Peak	33.00	300	Horizontal	Pass
1**	1509.299	27.15	54.0	26.85	AV	33.00	300	Horizontal	Pass
2	2351.145	42.26	74.0	31.74	Peak	254.00	200	Horizontal	Pass
2**	2351.145	34.77	54.0	19.23	AV	254.00	200	Horizontal	Pass
3	4203.908	50.10	74.0	23.90	Peak	124.00	200	Horizontal	Pass
3**	4203.908	37.85	54.0	16.15	AV	124.00	200	Horizontal	Pass
4	7438.352	52.82	74.0	21.18	Peak	152.00	100	Horizontal	Pass
4**	7438.352	42.93	54.0	11.07	AV	152.00	100	Horizontal	Pass
5	12521.493	56.54	74.0	17.46	Peak	171.00	200	Horizontal	Pass
5**	12521.493	46.20	54.0	7.80	AV	171.00	200	Horizontal	Pass
6	16150.868	54.78	74.0	19.22	Peak	73.00	100	Horizontal	Pass
6**	16150.868	46.21	54.0	7.79	AV	73.00	100	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	1568.534	38.20	74.0	35.80	Peak	158.00	100	Vertical	Pass
1**	1568.534	24.00	54.0	30.00	AV	158.00	100	Vertical	Pass
2	2343.630	45.53	74.0	28.47	Peak	332.00	200	Vertical	Pass
2**	2343.630	31.85	54.0	22.15	AV	332.00	200	Vertical	Pass
3	3920.099	45.17	74.0	28.83	Peak	142.00	200	Vertical	Pass
3**	3920.099	33.51	54.0	20.49	AV	142.00	200	Vertical	Pass
4	7680.400	54.93	74.0	19.07	Peak	190.00	200	Vertical	Pass
4**	7680.400	46.95	54.0	7.05	AV	190.00	200	Vertical	Pass
5	12530.079	53.92	74.0	20.08	Peak	327.00	300	Vertical	Pass
5**	12530.079	45.07	54.0	8.93	AV	327.00	300	Vertical	Pass
6	15379.407	50.78	74.0	23.22	Peak	248.00	100	Vertical	Pass
6**	15379.407	46.51	54.0	7.49	AV	248.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.351	41.25	74.0	32.75	Peak	195.00	100	Horizontal	Pass
1**	1511.351	28.88	54.0	25.12	AV	195.00	100	Horizontal	Pass
2	2352.403	43.94	74.0	30.06	Peak	260.00	200	Horizontal	Pass
2**	2352.403	35.22	54.0	18.78	AV	260.00	200	Horizontal	Pass
3	4207.753	45.72	74.0	28.28	Peak	105.00	200	Horizontal	Pass
3**	4207.753	37.01	54.0	16.99	AV	105.00	200	Horizontal	Pass
4	7437.936	52.45	74.0	21.55	Peak	195.00	200	Horizontal	Pass
4**	7437.936	43.17	54.0	10.83	AV	195.00	200	Horizontal	Pass
5	12521.967	54.26	74.0	19.74	Peak	198.00	400	Horizontal	Pass
5**	12521.967	45.61	54.0	8.39	AV	198.00	400	Horizontal	Pass
6	16143.632	52.78	74.0	21.22	Peak	151.00	200	Horizontal	Pass
6**	16143.632	43.35	54.0	10.65	AV	151.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.217	38.09	74.0	35.91	Peak	196.00	300	Vertical	Pass
1**	1569.217	23.81	54.0	30.19	AV	196.00	300	Vertical	Pass
2	2343.556	45.50	74.0	28.50	Peak	305.00	400	Vertical	Pass
2**	2343.556	34.24	54.0	19.76	AV	305.00	400	Vertical	Pass
3	3919.704	42.05	74.0	31.95	Peak	354.00	200	Vertical	Pass
3**	3919.704	38.06	54.0	15.94	AV	354.00	200	Vertical	Pass
4	7683.748	51.07	74.0	22.93	Peak	188.00	200	Vertical	Pass
4**	7683.748	45.33	54.0	8.67	AV	188.00	200	Vertical	Pass
5	12528.647	54.43	74.0	19.57	Peak	122.00	400	Vertical	Pass
5**	12528.647	40.55	54.0	13.45	AV	122.00	400	Vertical	Pass
6	15383.695	55.79	74.0	18.21	Peak	354.00	300	Vertical	Pass
6**	15383.695	46.04	54.0	7.96	AV	354.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.036	42.08	74.0	31.92	Peak	307.00	300	Horizontal	Pass
1**	1508.036	30.52	54.0	23.48	AV	307.00	300	Horizontal	Pass
2	2344.972	42.89	74.0	31.11	Peak	336.00	100	Horizontal	Pass
2**	2344.972	38.14	54.0	15.86	AV	336.00	100	Horizontal	Pass
3	4206.391	45.91	74.0	28.09	Peak	195.00	200	Horizontal	Pass
3**	4206.391	35.96	54.0	18.04	AV	195.00	200	Horizontal	Pass
4	7431.835	51.87	74.0	22.13	Peak	96.00	100	Horizontal	Pass
4**	7431.835	43.52	54.0	10.48	AV	96.00	100	Horizontal	Pass
5	12516.407	55.32	74.0	18.68	Peak	0.00	100	Horizontal	Pass
5**	12516.407	46.70	54.0	7.30	AV	0.00	100	Horizontal	Pass
6	16146.646	52.00	74.0	22.00	Peak	40.00	300	Horizontal	Pass
6**	16146.646	42.58	54.0	11.42	AV	40.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.364	34.24	74.0	39.76	Peak	122.00	200	Vertical	Pass
1**	1568.364	24.49	54.0	29.51	AV	122.00	200	Vertical	Pass
2	2350.959	46.19	74.0	27.81	Peak	311.00	300	Vertical	Pass
2**	2350.959	34.59	54.0	19.41	AV	311.00	300	Vertical	Pass
3	3918.773	44.43	74.0	29.57	Peak	8.00	200	Vertical	Pass
3**	3918.773	34.17	54.0	19.83	AV	8.00	200	Vertical	Pass
4	7676.798	51.40	74.0	22.60	Peak	283.00	300	Vertical	Pass
4**	7676.798	44.38	54.0	9.62	AV	283.00	300	Vertical	Pass
5	12528.892	55.72	74.0	18.28	Peak	307.00	400	Vertical	Pass
5**	12528.892	43.75	54.0	10.25	AV	307.00	400	Vertical	Pass
6	15379.726	52.36	74.0	21.64	Peak	137.00	100	Vertical	Pass
6**	15379.726	45.32	54.0	8.68	AV	137.00	100	Vertical	Pass

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

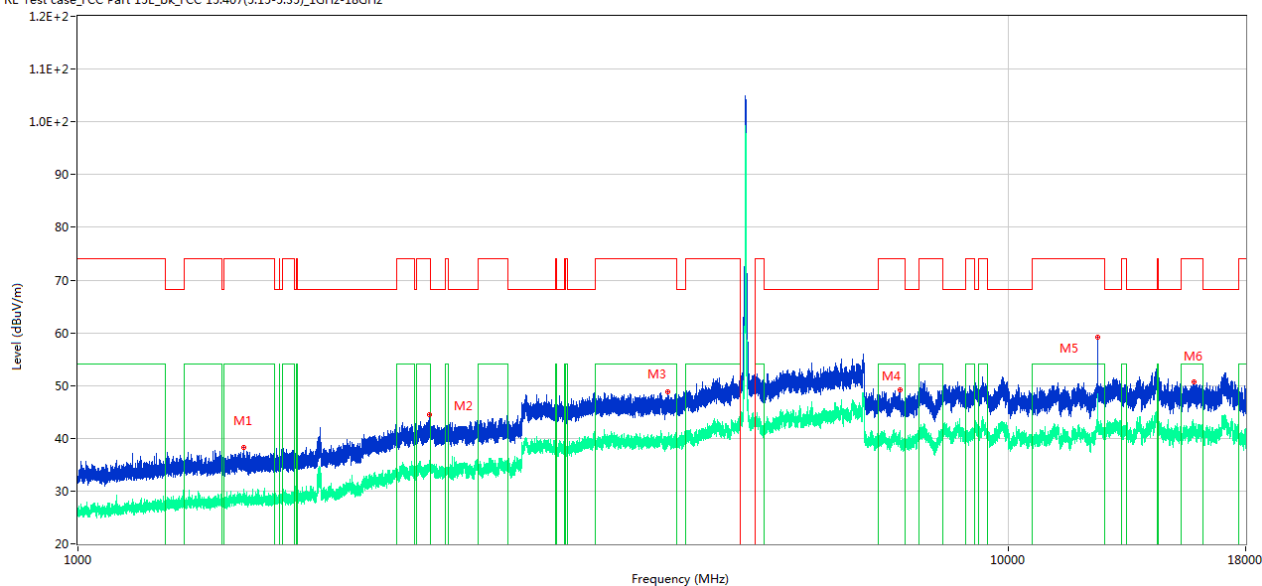
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.481	38.34	74.0	35.66	Peak	64.00	400	Horizontal	Pass
1**	1509.481	31.78	54.0	22.22	AV	64.00	400	Horizontal	Pass
2	2350.356	45.11	74.0	28.89	Peak	200.00	400	Horizontal	Pass
2**	2350.356	35.94	54.0	18.06	AV	200.00	400	Horizontal	Pass
3	4207.423	47.24	74.0	26.76	Peak	343.00	200	Horizontal	Pass
3**	4207.423	39.47	54.0	14.53	AV	343.00	200	Horizontal	Pass
4	7435.073	56.72	74.0	17.28	Peak	241.00	200	Horizontal	Pass
4**	7435.073	44.38	54.0	9.62	AV	241.00	200	Horizontal	Pass
5	12521.664	55.90	74.0	18.10	Peak	288.00	300	Horizontal	Pass
5**	12521.664	44.32	54.0	9.68	AV	288.00	300	Horizontal	Pass
6	16146.098	52.15	74.0	21.85	Peak	256.00	100	Horizontal	Pass
6**	16146.098	42.82	54.0	11.18	AV	256.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.933	36.77	74.0	37.23	Peak	202.00	200	Vertical	Pass
1**	1566.933	24.49	54.0	29.51	AV	202.00	200	Vertical	Pass
2	2348.796	42.15	74.0	31.85	Peak	143.00	400	Vertical	Pass
2**	2348.796	34.89	54.0	19.11	AV	143.00	400	Vertical	Pass
3	3915.151	43.52	74.0	30.48	Peak	295.00	200	Vertical	Pass
3**	3915.151	33.88	54.0	20.12	AV	295.00	200	Vertical	Pass
4	7683.727	54.68	74.0	19.32	Peak	337.00	200	Vertical	Pass
4**	7683.727	43.05	54.0	10.95	AV	337.00	200	Vertical	Pass
5	12527.436	52.79	74.0	21.21	Peak	90.00	400	Vertical	Pass
5**	12527.436	45.52	54.0	8.48	AV	90.00	400	Vertical	Pass
6	15383.579	50.69	74.0	23.31	Peak	359.00	400	Vertical	Pass
6**	15383.579	46.70	54.0	7.30	AV	359.00	400	Vertical	Pass

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

RE Test case_FCC Part 15E_bk_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.535	39.58	74.0	34.42	Peak	203.00	300	Horizontal	Pass
1**	1515.535	30.32	54.0	23.68	AV	203.00	300	Horizontal	Pass
2	2350.881	45.88	74.0	28.12	Peak	259.00	400	Horizontal	Pass
2**	2350.881	38.16	54.0	15.84	AV	259.00	400	Horizontal	Pass
3	4206.785	49.87	74.0	24.13	Peak	184.00	200	Horizontal	Pass
3**	4206.785	40.03	54.0	13.97	AV	184.00	200	Horizontal	Pass
4	7434.026	51.69	74.0	22.31	Peak	43.00	400	Horizontal	Pass
4**	7434.026	42.49	54.0	11.51	AV	43.00	400	Horizontal	Pass
5	12520.259	58.20	74.0	15.80	Peak	36.00	100	Horizontal	Pass
5**	12520.259	49.29	54.0	4.71	AV	36.00	100	Horizontal	Pass
6	16143.950	56.89	74.0	17.11	Peak	275.00	400	Horizontal	Pass
6**	16143.950	42.82	54.0	11.18	AV	275.00	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	1567.074	38.15	74.0	35.85	Peak	64.00	300	Vertical	Pass
1**	1567.074	24.98	54.0	29.02	AV	64.00	300	Vertical	Pass
2	2348.980	43.65	74.0	30.35	Peak	325.00	400	Vertical	Pass
2**	2348.980	31.69	54.0	22.31	AV	325.00	400	Vertical	Pass
3	3919.984	45.99	74.0	28.01	Peak	57.00	200	Vertical	Pass
3**	3919.984	37.02	54.0	16.98	AV	57.00	200	Vertical	Pass
4	7679.551	52.07	74.0	21.93	Peak	315.00	100	Vertical	Pass
4**	7679.551	44.62	54.0	9.38	AV	315.00	100	Vertical	Pass
5	12528.928	57.21	74.0	16.79	Peak	229.00	400	Vertical	Pass
5**	12528.928	40.12	54.0	13.88	AV	229.00	400	Vertical	Pass
6	15378.530	54.55	74.0	19.45	Peak	75.00	200	Vertical	Pass
6**	15378.530	43.89	54.0	10.11	AV	75.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.314	38.38	74.0	35.62	Peak	35.00	100	Horizontal	Pass
1**	1511.314	28.73	54.0	25.27	AV	35.00	100	Horizontal	Pass
2	2345.010	45.32	74.0	28.68	Peak	137.00	200	Horizontal	Pass
2**	2345.010	38.56	54.0	15.44	AV	137.00	200	Horizontal	Pass
3	4208.440	45.81	74.0	28.19	Peak	51.00	200	Horizontal	Pass
3**	4208.440	36.02	54.0	17.98	AV	51.00	200	Horizontal	Pass
4	7437.268	55.67	74.0	18.33	Peak	21.00	400	Horizontal	Pass
4**	7437.268	42.89	54.0	11.11	AV	21.00	400	Horizontal	Pass
5	12514.769	54.38	74.0	19.62	Peak	149.00	100	Horizontal	Pass
5**	12514.769	47.71	54.0	6.29	AV	149.00	100	Horizontal	Pass
6	16144.985	53.89	74.0	20.11	Peak	287.00	200	Horizontal	Pass
6**	16144.985	41.29	54.0	12.71	AV	287.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.432	36.26	74.0	37.74	Peak	226.00	400	Vertical	Pass
1**	1570.432	28.98	54.0	25.02	AV	226.00	400	Vertical	Pass
2	2349.115	46.79	74.0	27.21	Peak	353.00	100	Vertical	Pass
2**	2349.115	32.76	54.0	21.24	AV	353.00	100	Vertical	Pass
3	3918.209	43.71	74.0	30.29	Peak	188.00	200	Vertical	Pass
3**	3918.209	34.52	54.0	19.48	AV	188.00	200	Vertical	Pass
4	7679.359	51.37	74.0	22.63	Peak	64.00	200	Vertical	Pass
4**	7679.359	43.08	54.0	10.92	AV	64.00	200	Vertical	Pass
5	12529.049	53.41	74.0	20.59	Peak	162.00	100	Vertical	Pass
5**	12529.049	44.73	54.0	9.27	AV	162.00	100	Vertical	Pass
6	15378.802	54.43	74.0	19.57	Peak	345.00	100	Vertical	Pass
6**	15378.802	46.43	54.0	7.57	AV	345.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.327	38.42	74.0	35.58	Peak	160.00	300	Horizontal	Pass
1**	1508.327	31.93	54.0	22.07	AV	160.00	300	Horizontal	Pass
2	2350.700	47.68	74.0	26.32	Peak	235.00	100	Horizontal	Pass
2**	2350.700	36.16	54.0	17.84	AV	235.00	100	Horizontal	Pass
3	4205.025	48.41	74.0	25.59	Peak	154.00	200	Horizontal	Pass
3**	4205.025	39.10	54.0	14.90	AV	154.00	200	Horizontal	Pass
4	7434.090	57.13	74.0	16.87	Peak	47.00	200	Horizontal	Pass
4**	7434.090	43.55	54.0	10.45	AV	47.00	200	Horizontal	Pass
5	12515.568	56.50	74.0	17.50	Peak	354.00	400	Horizontal	Pass
5**	12515.568	46.93	54.0	7.07	AV	354.00	400	Horizontal	Pass
6	16145.823	53.84	74.0	20.16	Peak	323.00	100	Horizontal	Pass
6**	16145.823	41.71	54.0	12.29	AV	323.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.005	37.13	74.0	36.87	Peak	234.00	100	Vertical	Pass
1**	1569.005	24.11	54.0	29.89	AV	234.00	100	Vertical	Pass
2	2349.496	47.50	74.0	26.50	Peak	351.00	300	Vertical	Pass
2**	2349.496	31.99	54.0	22.01	AV	351.00	300	Vertical	Pass
3	3914.408	42.16	74.0	31.84	Peak	55.00	200	Vertical	Pass
3**	3914.408	34.51	54.0	19.49	AV	55.00	200	Vertical	Pass
4	7677.235	51.01	74.0	22.99	Peak	191.00	300	Vertical	Pass
4**	7677.235	41.21	54.0	12.79	AV	191.00	300	Vertical	Pass
5	12532.951	55.81	74.0	18.19	Peak	286.00	200	Vertical	Pass
5**	12532.951	44.66	54.0	9.34	AV	286.00	200	Vertical	Pass
6	15384.870	54.21	74.0	19.79	Peak	4.00	200	Vertical	Pass
6**	15384.870	43.68	54.0	10.32	AV	4.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.788	37.19	74.0	36.81	Peak	246.00	200	Horizontal	Pass
1**	1511.788	26.82	54.0	27.18	AV	246.00	200	Horizontal	Pass
2	2349.893	44.04	74.0	29.96	Peak	206.00	400	Horizontal	Pass
2**	2349.893	37.03	54.0	16.97	AV	206.00	400	Horizontal	Pass
3	4204.404	48.57	74.0	25.43	Peak	152.00	200	Horizontal	Pass
3**	4204.404	38.30	54.0	15.70	AV	152.00	200	Horizontal	Pass
4	7431.202	53.19	74.0	20.81	Peak	314.00	300	Horizontal	Pass
4**	7431.202	44.07	54.0	9.93	AV	314.00	300	Horizontal	Pass
5	12521.804	54.61	74.0	19.39	Peak	87.00	200	Horizontal	Pass
5**	12521.804	49.01	54.0	4.99	AV	87.00	200	Horizontal	Pass
6	16147.300	52.39	74.0	21.61	Peak	291.00	300	Horizontal	Pass
6**	16147.300	43.92	54.0	10.08	AV	291.00	300	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	1569.195	34.21	74.0	39.79	Peak	221.00	400	Vertical	Pass
1**	1569.195	24.09	54.0	29.91	AV	221.00	400	Vertical	Pass
2	2349.617	47.25	74.0	26.75	Peak	316.00	300	Vertical	Pass
2**	2349.617	35.95	54.0	18.05	AV	316.00	300	Vertical	Pass
3	3913.587	46.61	74.0	27.39	Peak	262.00	200	Vertical	Pass
3**	3913.587	37.00	54.0	17.00	AV	262.00	200	Vertical	Pass
4	7680.477	52.35	74.0	21.65	Peak	302.00	300	Vertical	Pass
4**	7680.477	46.51	54.0	7.49	AV	302.00	300	Vertical	Pass
5	12531.296	52.99	74.0	21.01	Peak	307.00	400	Vertical	Pass
5**	12531.296	45.70	54.0	8.30	AV	307.00	400	Vertical	Pass
6	15382.443	55.68	74.0	18.32	Peak	115.00	400	Vertical	Pass
6**	15382.443	42.40	54.0	11.60	AV	115.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.564	41.71	74.0	32.29	Peak	310.00	300	Horizontal	Pass
1**	1513.564	31.36	54.0	22.64	AV	310.00	300	Horizontal	Pass
2	2349.379	43.89	74.0	30.11	Peak	82.00	100	Horizontal	Pass
2**	2349.379	35.29	54.0	18.71	AV	82.00	100	Horizontal	Pass
3	4202.867	46.86	74.0	27.14	Peak	339.00	200	Horizontal	Pass
3**	4202.867	36.18	54.0	17.82	AV	339.00	200	Horizontal	Pass
4	7431.070	53.22	74.0	20.78	Peak	247.00	100	Horizontal	Pass
4**	7431.070	44.42	54.0	9.58	AV	247.00	100	Horizontal	Pass
5	12515.473	55.27	74.0	18.73	Peak	202.00	200	Horizontal	Pass
5**	12515.473	45.52	54.0	8.48	AV	202.00	200	Horizontal	Pass
6	16151.053	52.05	74.0	21.95	Peak	137.00	300	Horizontal	Pass
6**	16151.053	46.75	54.0	7.25	AV	137.00	300	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	1567.107	37.12	74.0	36.88	Peak	178.00	400	Vertical	Pass
1**	1567.107	25.56	54.0	28.44	AV	178.00	400	Vertical	Pass
2	2346.431	44.34	74.0	29.66	Peak	338.00	200	Vertical	Pass
2**	2346.431	34.37	54.0	19.63	AV	338.00	200	Vertical	Pass
3	3916.034	41.85	74.0	32.15	Peak	327.00	200	Vertical	Pass
3**	3916.034	33.56	54.0	20.44	AV	327.00	200	Vertical	Pass
4	7682.403	53.41	74.0	20.59	Peak	340.00	200	Vertical	Pass
4**	7682.403	46.39	54.0	7.61	AV	340.00	200	Vertical	Pass
5	12531.208	57.04	74.0	16.96	Peak	214.00	400	Vertical	Pass
5**	12531.208	42.55	54.0	11.45	AV	214.00	400	Vertical	Pass
6	15385.586	54.96	74.0	19.04	Peak	255.00	400	Vertical	Pass
6**	15385.586	42.68	54.0	11.32	AV	255.00	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	1520.880	37.26	74.0	36.74	Peak	185.00	200	Horizontal	Pass
1**	1520.880	27.61	54.0	26.39	AV	185.00	200	Horizontal	Pass
2	2277.587	43.20	74.0	30.80	Peak	58.00	200	Horizontal	Pass
2**	2277.587	36.10	54.0	17.90	AV	58.00	200	Horizontal	Pass
3	4045.602	49.89	74.0	24.11	Peak	298.00	200	Horizontal	Pass
3**	4045.602	38.19	54.0	15.81	AV	298.00	200	Horizontal	Pass
4	7622.525	53.23	74.0	20.77	Peak	306.00	300	Horizontal	Pass
4**	7622.525	42.46	54.0	11.54	AV	306.00	300	Horizontal	Pass
5	12458.258	51.21	74.0	22.79	Peak	106.00	300	Horizontal	Pass
5**	12458.258	47.08	54.0	6.92	AV	106.00	300	Horizontal	Pass
6	15906.393	51.17	74.0	22.83	Peak	307.00	100	Horizontal	Pass
6**	15906.393	44.05	54.0	9.95	AV	307.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.308	37.73	74.0	36.27	Peak	166.00	400	Vertical	Pass
1**	1527.308	27.72	54.0	26.28	AV	166.00	400	Vertical	Pass
2	2338.661	43.38	74.0	30.62	Peak	163.00	400	Vertical	Pass
2**	2338.661	35.93	54.0	18.07	AV	163.00	400	Vertical	Pass
3	4901.101	51.42	74.0	22.58	Peak	34.00	200	Vertical	Pass
3**	4901.101	38.79	54.0	15.21	AV	34.00	200	Vertical	Pass
4	7326.500	51.29	74.0	22.71	Peak	39.00	100	Vertical	Pass
4**	7326.500	42.30	54.0	11.70	AV	39.00	100	Vertical	Pass
5	12488.543	52.74	74.0	21.26	Peak	25.00	100	Vertical	Pass
5**	12488.543	41.46	54.0	12.54	AV	25.00	100	Vertical	Pass
6	15687.441	54.97	74.0	19.03	Peak	225.00	300	Vertical	Pass
6**	15687.441	43.12	54.0	10.88	AV	225.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.174	36.54	74.0	37.46	Peak	31.00	200	Horizontal	Pass
1**	1527.174	27.63	54.0	26.37	AV	31.00	200	Horizontal	Pass
2	2273.844	42.91	74.0	31.09	Peak	216.00	200	Horizontal	Pass
2**	2273.844	31.41	54.0	22.59	AV	216.00	200	Horizontal	Pass
3	4045.131	49.83	74.0	24.17	Peak	287.00	200	Horizontal	Pass
3**	4045.131	39.20	54.0	14.80	AV	287.00	200	Horizontal	Pass
4	7616.593	52.48	74.0	21.52	Peak	75.00	400	Horizontal	Pass
4**	7616.593	46.19	54.0	7.81	AV	75.00	400	Horizontal	Pass
5	12450.884	54.83	74.0	19.17	Peak	137.00	100	Horizontal	Pass
5**	12450.884	47.29	54.0	6.71	AV	137.00	100	Horizontal	Pass
6	15905.319	54.52	74.0	19.48	Peak	41.00	100	Horizontal	Pass
6**	15905.319	46.53	54.0	7.47	AV	41.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.668	40.01	74.0	33.99	Peak	298.00	200	Vertical	Pass
1**	1531.668	26.98	54.0	27.02	AV	298.00	200	Vertical	Pass
2	2331.544	46.41	74.0	27.59	Peak	171.00	300	Vertical	Pass
2**	2331.544	33.92	54.0	20.08	AV	171.00	300	Vertical	Pass
3	4897.921	47.35	74.0	26.65	Peak	290.00	200	Vertical	Pass
3**	4897.921	41.22	54.0	12.78	AV	290.00	200	Vertical	Pass
4	7330.941	53.42	74.0	20.58	Peak	92.00	100	Vertical	Pass
4**	7330.941	40.88	54.0	13.12	AV	92.00	100	Vertical	Pass
5	12489.537	54.03	74.0	19.97	Peak	208.00	400	Vertical	Pass
5**	12489.537	43.54	54.0	10.46	AV	208.00	400	Vertical	Pass
6	15687.746	56.60	74.0	17.40	Peak	276.00	400	Vertical	Pass
6**	15687.746	45.04	54.0	8.96	AV	276.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.737	36.98	74.0	37.02	Peak	152.00	100	Horizontal	Pass
1**	1520.737	29.64	54.0	24.36	AV	152.00	100	Horizontal	Pass
2	2278.038	42.62	74.0	31.38	Peak	355.00	400	Horizontal	Pass
2**	2278.038	35.13	54.0	18.87	AV	355.00	400	Horizontal	Pass
3	4044.373	48.22	74.0	25.78	Peak	21.00	200	Horizontal	Pass
3**	4044.373	37.75	54.0	16.25	AV	21.00	200	Horizontal	Pass
4	7616.948	51.42	74.0	22.58	Peak	246.00	300	Horizontal	Pass
4**	7616.948	42.84	54.0	11.16	AV	246.00	300	Horizontal	Pass
5	12456.142	54.34	74.0	19.66	Peak	230.00	200	Horizontal	Pass
5**	12456.142	44.38	54.0	9.62	AV	230.00	200	Horizontal	Pass
6	15899.900	54.49	74.0	19.51	Peak	6.00	300	Horizontal	Pass
6**	15899.900	44.51	54.0	9.49	AV	6.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.034	36.03	74.0	37.97	Peak	229.00	100	Vertical	Pass
1**	1533.034	30.55	54.0	23.45	AV	229.00	100	Vertical	Pass
2	2331.994	42.17	74.0	31.83	Peak	276.00	300	Vertical	Pass
2**	2331.994	38.13	54.0	15.87	AV	276.00	300	Vertical	Pass
3	4898.888	49.73	74.0	24.27	Peak	172.00	200	Vertical	Pass
3**	4898.888	40.74	54.0	13.26	AV	172.00	200	Vertical	Pass
4	7325.752	56.13	74.0	17.87	Peak	279.00	200	Vertical	Pass
4**	7325.752	43.23	54.0	10.77	AV	279.00	200	Vertical	Pass
5	12490.361	50.31	74.0	23.69	Peak	38.00	300	Vertical	Pass
5**	12490.361	46.45	54.0	7.55	AV	38.00	300	Vertical	Pass
6	15692.245	53.13	74.0	20.87	Peak	90.00	400	Vertical	Pass
6**	15692.245	41.84	54.0	12.16	AV	90.00	400	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	1521.171	36.35	74.0	37.65	Peak	344.00	400	Horizontal	Pass
1**	1521.171	31.56	54.0	22.44	AV	344.00	400	Horizontal	Pass
2	2277.925	41.92	74.0	32.08	Peak	303.00	400	Horizontal	Pass
2**	2277.925	35.34	54.0	18.66	AV	303.00	400	Horizontal	Pass
3	4047.600	48.40	74.0	25.60	Peak	85.00	200	Horizontal	Pass
3**	4047.600	34.60	54.0	19.40	AV	85.00	200	Horizontal	Pass
4	7623.685	50.38	74.0	23.62	Peak	214.00	300	Horizontal	Pass
4**	7623.685	42.99	54.0	11.01	AV	214.00	300	Horizontal	Pass
5	12452.340	50.51	74.0	23.49	Peak	123.00	300	Horizontal	Pass
5**	12452.340	47.30	54.0	6.70	AV	123.00	300	Horizontal	Pass
6	15905.695	54.41	74.0	19.59	Peak	23.00	100	Horizontal	Pass
6**	15905.695	42.68	54.0	11.32	AV	23.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.274	38.35	74.0	35.65	Peak	335.00	400	Vertical	Pass
1**	1531.274	31.04	54.0	22.96	AV	335.00	400	Vertical	Pass
2	2338.151	42.80	74.0	31.20	Peak	290.00	200	Vertical	Pass
2**	2338.151	36.43	54.0	17.57	AV	290.00	200	Vertical	Pass
3	4899.726	50.05	74.0	23.95	Peak	275.00	200	Vertical	Pass
3**	4899.726	41.82	54.0	12.18	AV	275.00	200	Vertical	Pass
4	7324.664	55.43	74.0	18.57	Peak	191.00	200	Vertical	Pass
4**	7324.664	46.77	54.0	7.23	AV	191.00	200	Vertical	Pass
5	12484.038	54.44	74.0	19.56	Peak	178.00	200	Vertical	Pass
5**	12484.038	43.96	54.0	10.04	AV	178.00	200	Vertical	Pass
6	15692.366	52.54	74.0	21.46	Peak	119.00	200	Vertical	Pass
6**	15692.366	42.26	54.0	11.74	AV	119.00	200	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	1524.736	37.61	74.0	36.39	Peak	113.00	300	Horizontal	Pass
1**	1524.736	25.58	54.0	28.42	AV	113.00	300	Horizontal	Pass
2	2278.773	46.71	74.0	27.29	Peak	288.00	300	Horizontal	Pass
2**	2278.773	35.70	54.0	18.30	AV	288.00	300	Horizontal	Pass
3	4048.842	49.76	74.0	24.24	Peak	251.00	200	Horizontal	Pass
3**	4048.842	35.99	54.0	18.01	AV	251.00	200	Horizontal	Pass
4	7617.339	53.41	74.0	20.59	Peak	36.00	300	Horizontal	Pass
4**	7617.339	41.93	54.0	12.07	AV	36.00	300	Horizontal	Pass
5	12457.966	52.82	74.0	21.18	Peak	192.00	400	Horizontal	Pass
5**	12457.966	42.39	54.0	11.61	AV	192.00	400	Horizontal	Pass
6	15902.841	56.23	74.0	17.77	Peak	256.00	100	Horizontal	Pass
6**	15902.841	45.00	54.0	9.00	AV	256.00	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	1534.213	36.63	74.0	37.37	Peak	277.00	100	Vertical	Pass
1**	1534.213	30.87	54.0	23.13	AV	277.00	100	Vertical	Pass
2	2338.470	43.68	74.0	30.32	Peak	221.00	200	Vertical	Pass
2**	2338.470	32.69	54.0	21.31	AV	221.00	200	Vertical	Pass
3	4900.633	49.99	74.0	24.01	Peak	253.00	200	Vertical	Pass
3**	4900.633	39.23	54.0	14.77	AV	253.00	200	Vertical	Pass
4	7324.376	52.50	74.0	21.50	Peak	53.00	300	Vertical	Pass
4**	7324.376	41.64	54.0	12.36	AV	53.00	300	Vertical	Pass
5	12488.185	55.02	74.0	18.98	Peak	137.00	100	Vertical	Pass
5**	12488.185	43.97	54.0	10.03	AV	137.00	100	Vertical	Pass
6	15694.041	53.64	74.0	20.36	Peak	227.00	400	Vertical	Pass
6**	15694.041	41.59	54.0	12.41	AV	227.00	400	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	1521.899	39.68	74.0	34.32	Peak	90.00	300	Horizontal	Pass
1**	1521.899	28.22	54.0	25.78	AV	90.00	300	Horizontal	Pass
2	2276.516	46.60	74.0	27.40	Peak	323.00	100	Horizontal	Pass
2**	2276.516	36.97	54.0	17.03	AV	323.00	100	Horizontal	Pass
3	4047.516	45.84	74.0	28.16	Peak	321.00	200	Horizontal	Pass
3**	4047.516	39.24	54.0	14.76	AV	321.00	200	Horizontal	Pass
4	7619.388	50.84	74.0	23.16	Peak	228.00	100	Horizontal	Pass
4**	7619.388	46.09	54.0	7.91	AV	228.00	100	Horizontal	Pass
5	12457.499	55.68	74.0	18.32	Peak	332.00	100	Horizontal	Pass
5**	12457.499	44.72	54.0	9.28	AV	332.00	100	Horizontal	Pass
6	15902.338	51.97	74.0	22.03	Peak	81.00	100	Horizontal	Pass
6**	15902.338	46.23	54.0	7.77	AV	81.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.303	36.66	74.0	37.34	Peak	284.00	300	Vertical	Pass
1**	1531.303	31.23	54.0	22.77	AV	284.00	300	Vertical	Pass
2	2336.381	43.87	74.0	30.13	Peak	315.00	300	Vertical	Pass
2**	2336.381	32.64	54.0	21.36	AV	315.00	300	Vertical	Pass
3	4903.394	49.33	74.0	24.67	Peak	180.00	200	Vertical	Pass
3**	4903.394	37.09	54.0	16.91	AV	180.00	200	Vertical	Pass
4	7329.407	51.64	74.0	22.36	Peak	320.00	400	Vertical	Pass
4**	7329.407	41.02	54.0	12.98	AV	320.00	400	Vertical	Pass
5	12488.203	52.11	74.0	21.89	Peak	228.00	100	Vertical	Pass
5**	12488.203	44.98	54.0	9.02	AV	228.00	100	Vertical	Pass
6	15690.851	53.83	74.0	20.17	Peak	193.00	300	Vertical	Pass
6**	15690.851	42.61	54.0	11.39	AV	193.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.021	37.44	74.0	36.56	Peak	76.00	400	Horizontal	Pass
1**	1527.021	28.28	54.0	25.72	AV	76.00	400	Horizontal	Pass
2	2277.202	41.90	74.0	32.10	Peak	133.00	400	Horizontal	Pass
2**	2277.202	36.57	54.0	17.43	AV	133.00	400	Horizontal	Pass
3	4044.128	46.10	74.0	27.90	Peak	210.00	200	Horizontal	Pass
3**	4044.128	39.32	54.0	14.68	AV	210.00	200	Horizontal	Pass
4	7616.542	53.73	74.0	20.27	Peak	73.00	400	Horizontal	Pass
4**	7616.542	45.17	54.0	8.83	AV	73.00	400	Horizontal	Pass
5	12456.366	52.78	74.0	21.22	Peak	335.00	400	Horizontal	Pass
5**	12456.366	46.13	54.0	7.87	AV	335.00	400	Horizontal	Pass
6	15903.854	56.24	74.0	17.76	Peak	51.00	300	Horizontal	Pass
6**	15903.854	46.52	54.0	7.48	AV	51.00	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	1527.380	37.13	74.0	36.87	Peak	54.00	300	Vertical	Pass
1**	1527.380	30.16	54.0	23.84	AV	54.00	300	Vertical	Pass
2	2336.385	44.53	74.0	29.47	Peak	259.00	300	Vertical	Pass
2**	2336.385	34.76	54.0	19.24	AV	259.00	300	Vertical	Pass
3	4903.979	50.29	74.0	23.71	Peak	353.00	200	Vertical	Pass
3**	4903.979	40.85	54.0	13.15	AV	353.00	200	Vertical	Pass
4	7325.251	51.42	74.0	22.58	Peak	131.00	400	Vertical	Pass
4**	7325.251	43.73	54.0	10.27	AV	131.00	400	Vertical	Pass
5	12490.042	55.36	74.0	18.64	Peak	168.00	200	Vertical	Pass
5**	12490.042	42.06	54.0	11.94	AV	168.00	200	Vertical	Pass
6	15694.901	52.16	74.0	21.84	Peak	285.00	400	Vertical	Pass
6**	15694.901	42.02	54.0	11.98	AV	285.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.484	39.61	74.0	34.39	Peak	147.00	100	Horizontal	Pass
1**	1527.484	28.83	54.0	25.17	AV	147.00	100	Horizontal	Pass
2	2278.334	44.04	74.0	29.96	Peak	66.00	300	Horizontal	Pass
2**	2278.334	33.84	54.0	20.16	AV	66.00	300	Horizontal	Pass
3	4047.004	48.17	74.0	25.83	Peak	307.00	200	Horizontal	Pass
3**	4047.004	36.31	54.0	17.69	AV	307.00	200	Horizontal	Pass
4	7616.801	51.69	74.0	22.31	Peak	113.00	400	Horizontal	Pass
4**	7616.801	42.35	54.0	11.65	AV	113.00	400	Horizontal	Pass
5	12457.347	55.41	74.0	18.59	Peak	290.00	200	Horizontal	Pass
5**	12457.347	46.63	54.0	7.37	AV	290.00	200	Horizontal	Pass
6	15900.383	52.12	74.0	21.88	Peak	197.00	400	Horizontal	Pass
6**	15900.383	44.49	54.0	9.51	AV	197.00	400	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	1529.590	37.59	74.0	36.41	Peak	195.00	100	Vertical	Pass
1**	1529.590	30.79	54.0	23.21	AV	195.00	100	Vertical	Pass
2	2333.944	42.34	74.0	31.66	Peak	186.00	400	Vertical	Pass
2**	2333.944	34.82	54.0	19.18	AV	186.00	400	Vertical	Pass
3	4899.170	48.20	74.0	25.80	Peak	80.00	200	Vertical	Pass
3**	4899.170	37.53	54.0	16.47	AV	80.00	200	Vertical	Pass
4	7323.875	51.37	74.0	22.63	Peak	225.00	100	Vertical	Pass
4**	7323.875	41.90	54.0	12.10	AV	225.00	100	Vertical	Pass
5	12490.152	55.67	74.0	18.33	Peak	277.00	300	Vertical	Pass
5**	12490.152	46.51	54.0	7.49	AV	277.00	300	Vertical	Pass
6	15691.746	52.83	74.0	21.17	Peak	203.00	200	Vertical	Pass
6**	15691.746	44.95	54.0	9.05	AV	203.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.024	41.04	74.0	32.96	Peak	204.00	300	Horizontal	Pass
1**	1525.024	26.87	54.0	27.13	AV	204.00	300	Horizontal	Pass
2	2274.757	44.89	74.0	29.11	Peak	267.00	100	Horizontal	Pass
2**	2274.757	33.01	54.0	20.99	AV	267.00	100	Horizontal	Pass
3	4046.527	45.19	74.0	28.81	Peak	249.00	200	Horizontal	Pass
3**	4046.527	39.16	54.0	14.84	AV	249.00	200	Horizontal	Pass
4	7617.491	52.83	74.0	21.17	Peak	326.00	100	Horizontal	Pass
4**	7617.491	44.85	54.0	9.15	AV	326.00	100	Horizontal	Pass
5	12451.664	53.26	74.0	20.74	Peak	65.00	100	Horizontal	Pass
5**	12451.664	46.98	54.0	7.02	AV	65.00	100	Horizontal	Pass
6	15906.675	52.87	74.0	21.13	Peak	225.00	200	Horizontal	Pass
6**	15906.675	43.97	54.0	10.03	AV	225.00	200	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	1533.225	39.69	74.0	34.31	Peak	88.00	300	Vertical	Pass
1**	1533.225	30.76	54.0	23.24	AV	88.00	300	Vertical	Pass
2	2338.023	41.83	74.0	32.17	Peak	272.00	300	Vertical	Pass
2**	2338.023	33.31	54.0	20.69	AV	272.00	300	Vertical	Pass
3	4897.182	48.32	74.0	25.68	Peak	302.00	200	Vertical	Pass
3**	4897.182	37.87	54.0	16.13	AV	302.00	200	Vertical	Pass
4	7330.065	51.86	74.0	22.14	Peak	277.00	200	Vertical	Pass
4**	7330.065	42.27	54.0	11.73	AV	277.00	200	Vertical	Pass
5	12485.587	52.79	74.0	21.21	Peak	65.00	400	Vertical	Pass
5**	12485.587	46.62	54.0	7.38	AV	65.00	400	Vertical	Pass
6	15692.552	56.29	74.0	17.71	Peak	87.00	200	Vertical	Pass
6**	15692.552	42.39	54.0	11.61	AV	87.00	200	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	1528.242	40.97	74.0	33.03	Peak	210.00	200	Horizontal	Pass
1**	1528.242	28.94	54.0	25.06	AV	210.00	200	Horizontal	Pass
2	2273.199	46.64	74.0	27.36	Peak	349.00	300	Horizontal	Pass
2**	2273.199	34.08	54.0	19.92	AV	349.00	300	Horizontal	Pass
3	4050.202	47.84	74.0	26.16	Peak	65.00	200	Horizontal	Pass
3**	4050.202	36.71	54.0	17.29	AV	65.00	200	Horizontal	Pass
4	7619.004	53.81	74.0	20.19	Peak	222.00	100	Horizontal	Pass
4**	7619.004	42.71	54.0	11.29	AV	222.00	100	Horizontal	Pass
5	12451.004	50.61	74.0	23.39	Peak	279.00	400	Horizontal	Pass
5**	12451.004	42.47	54.0	11.53	AV	279.00	400	Horizontal	Pass
6	15901.917	54.23	74.0	19.77	Peak	181.00	300	Horizontal	Pass
6**	15901.917	46.58	54.0	7.42	AV	181.00	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	1526.556	35.90	74.0	38.10	Peak	22.00	300	Vertical	Pass
1**	1526.556	27.17	54.0	26.83	AV	22.00	300	Vertical	Pass
2	2332.009	44.03	74.0	29.97	Peak	35.00	400	Vertical	Pass
2**	2332.009	36.18	54.0	17.82	AV	35.00	400	Vertical	Pass
3	4899.717	48.19	74.0	25.81	Peak	251.00	200	Vertical	Pass
3**	4899.717	37.81	54.0	16.19	AV	251.00	200	Vertical	Pass
4	7327.756	55.17	74.0	18.83	Peak	113.00	100	Vertical	Pass
4**	7327.756	44.14	54.0	9.86	AV	113.00	100	Vertical	Pass
5	12485.775	55.20	74.0	18.80	Peak	57.00	300	Vertical	Pass
5**	12485.775	46.13	54.0	7.87	AV	57.00	300	Vertical	Pass
6	15690.150	52.18	74.0	21.82	Peak	64.00	300	Vertical	Pass
6**	15690.150	43.47	54.0	10.53	AV	64.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.236	40.91	74.0	33.09	Peak	185.00	200	Horizontal	Pass
1**	1525.236	28.89	54.0	25.11	AV	185.00	200	Horizontal	Pass
2	2278.186	45.76	74.0	28.24	Peak	339.00	200	Horizontal	Pass
2**	2278.186	34.03	54.0	19.97	AV	339.00	200	Horizontal	Pass
3	4049.343	49.39	74.0	24.61	Peak	57.00	200	Horizontal	Pass
3**	4049.343	36.02	54.0	17.98	AV	57.00	200	Horizontal	Pass
4	7624.072	53.75	74.0	20.25	Peak	104.00	200	Horizontal	Pass
4**	7624.072	43.03	54.0	10.97	AV	104.00	200	Horizontal	Pass
5	12457.190	52.30	74.0	21.70	Peak	76.00	300	Horizontal	Pass
5**	12457.190	47.31	54.0	6.69	AV	76.00	300	Horizontal	Pass
6	15903.677	54.89	74.0	19.11	Peak	46.00	200	Horizontal	Pass
6**	15903.677	45.60	54.0	8.40	AV	46.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.497	36.42	74.0	37.58	Peak	153.00	200	Vertical	Pass
1**	1532.497	29.56	54.0	24.44	AV	153.00	200	Vertical	Pass
2	2333.653	46.43	74.0	27.57	Peak	329.00	200	Vertical	Pass
2**	2333.653	34.60	54.0	19.40	AV	329.00	200	Vertical	Pass
3	4898.501	51.37	74.0	22.63	Peak	205.00	200	Vertical	Pass
3**	4898.501	39.04	54.0	14.96	AV	205.00	200	Vertical	Pass
4	7326.855	54.84	74.0	19.16	Peak	100.00	200	Vertical	Pass
4**	7326.855	41.22	54.0	12.78	AV	100.00	200	Vertical	Pass
5	12487.604	52.41	74.0	21.59	Peak	92.00	300	Vertical	Pass
5**	12487.604	43.32	54.0	10.68	AV	92.00	300	Vertical	Pass
6	15694.186	53.22	74.0	20.78	Peak	225.00	100	Vertical	Pass
6**	15694.186	43.03	54.0	10.97	AV	225.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.794	41.03	74.0	32.97	Peak	98.00	100	Horizontal	Pass
1**	1523.794	29.23	54.0	24.77	AV	98.00	100	Horizontal	Pass
2	2275.650	46.84	74.0	27.16	Peak	138.00	300	Horizontal	Pass
2**	2275.650	35.16	54.0	18.84	AV	138.00	300	Horizontal	Pass
3	4048.594	44.37	74.0	29.63	Peak	76.00	200	Horizontal	Pass
3**	4048.594	39.23	54.0	14.77	AV	76.00	200	Horizontal	Pass
4	7616.968	51.89	74.0	22.11	Peak	37.00	200	Horizontal	Pass
4**	7616.968	46.00	54.0	8.00	AV	37.00	200	Horizontal	Pass
5	12456.816	53.67	74.0	20.33	Peak	314.00	400	Horizontal	Pass
5**	12456.816	44.15	54.0	9.85	AV	314.00	400	Horizontal	Pass
6	15903.251	51.40	74.0	22.60	Peak	29.00	200	Horizontal	Pass
6**	15903.251	43.34	54.0	10.66	AV	29.00	200	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	1532.419	39.39	74.0	34.61	Peak	180.00	400	Vertical	Pass
1**	1532.419	29.89	54.0	24.11	AV	180.00	400	Vertical	Pass
2	2333.514	46.52	74.0	27.48	Peak	140.00	300	Vertical	Pass
2**	2333.514	35.25	54.0	18.75	AV	140.00	300	Vertical	Pass
3	4900.050	52.73	74.0	21.27	Peak	259.00	200	Vertical	Pass
3**	4900.050	38.69	54.0	15.31	AV	259.00	200	Vertical	Pass
4	7323.396	51.61	74.0	22.39	Peak	290.00	100	Vertical	Pass
4**	7323.396	44.79	54.0	9.21	AV	290.00	100	Vertical	Pass
5	12486.795	50.49	74.0	23.51	Peak	234.00	400	Vertical	Pass
5**	12486.795	45.47	54.0	8.53	AV	234.00	400	Vertical	Pass
6	15689.969	55.99	74.0	18.01	Peak	44.00	300	Vertical	Pass
6**	15689.969	45.30	54.0	8.70	AV	44.00	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	1526.221	36.96	74.0	37.04	Peak	50.00	200	Horizontal	Pass
1**	1526.221	27.76	54.0	26.24	AV	50.00	200	Horizontal	Pass
2	2278.817	40.92	74.0	33.08	Peak	44.00	200	Horizontal	Pass
2**	2278.817	35.70	54.0	18.30	AV	44.00	200	Horizontal	Pass
3	4047.562	46.65	74.0	27.35	Peak	291.00	200	Horizontal	Pass
3**	4047.562	38.30	54.0	15.70	AV	291.00	200	Horizontal	Pass
4	7620.018	50.10	74.0	23.90	Peak	253.00	200	Horizontal	Pass
4**	7620.018	41.33	54.0	12.67	AV	253.00	200	Horizontal	Pass
5	12453.449	51.60	74.0	22.40	Peak	203.00	400	Horizontal	Pass
5**	12453.449	46.78	54.0	7.22	AV	203.00	400	Horizontal	Pass
6	15903.639	51.84	74.0	22.16	Peak	56.00	200	Horizontal	Pass
6**	15903.639	41.68	54.0	12.32	AV	56.00	200	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	1530.211	36.21	74.0	37.79	Peak	151.00	200	Vertical	Pass
1**	1530.211	30.19	54.0	23.81	AV	151.00	200	Vertical	Pass
2	2338.802	46.81	74.0	27.19	Peak	257.00	300	Vertical	Pass
2**	2338.802	33.30	54.0	20.70	AV	257.00	300	Vertical	Pass
3	4902.370	48.67	74.0	25.33	Peak	310.00	200	Vertical	Pass
3**	4902.370	39.84	54.0	14.16	AV	310.00	200	Vertical	Pass
4	7328.011	56.28	74.0	17.72	Peak	259.00	400	Vertical	Pass
4**	7328.011	45.78	54.0	8.22	AV	259.00	400	Vertical	Pass
5	12488.627	50.99	74.0	23.01	Peak	64.00	300	Vertical	Pass
5**	12488.627	44.43	54.0	9.57	AV	64.00	300	Vertical	Pass
6	15687.827	56.51	74.0	17.49	Peak	20.00	300	Vertical	Pass
6**	15687.827	45.13	54.0	8.87	AV	20.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.360	38.11	74.0	35.89	Peak	174.00	200	Horizontal	Pass
1**	1526.360	31.27	54.0	22.73	AV	174.00	200	Horizontal	Pass
2	2274.371	40.94	74.0	33.06	Peak	354.00	100	Horizontal	Pass
2**	2274.371	32.76	54.0	21.24	AV	354.00	100	Horizontal	Pass
3	4044.159	47.42	74.0	26.58	Peak	222.00	200	Horizontal	Pass
3**	4044.159	39.81	54.0	14.19	AV	222.00	200	Horizontal	Pass
4	7618.202	51.49	74.0	22.51	Peak	27.00	300	Horizontal	Pass
4**	7618.202	44.48	54.0	9.52	AV	27.00	300	Horizontal	Pass
5	12453.153	54.68	74.0	19.32	Peak	20.00	100	Horizontal	Pass
5**	12453.153	46.71	54.0	7.29	AV	20.00	100	Horizontal	Pass
6	15904.429	50.97	74.0	23.03	Peak	166.00	200	Horizontal	Pass
6**	15904.429	43.15	54.0	10.85	AV	166.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.997	36.96	74.0	37.04	Peak	134.00	300	Vertical	Pass
1**	1527.997	28.88	54.0	25.12	AV	134.00	300	Vertical	Pass
2	2334.750	44.55	74.0	29.45	Peak	271.00	300	Vertical	Pass
2**	2334.750	35.91	54.0	18.09	AV	271.00	300	Vertical	Pass
3	4900.648	52.92	74.0	21.08	Peak	177.00	200	Vertical	Pass
3**	4900.648	38.11	54.0	15.89	AV	177.00	200	Vertical	Pass
4	7326.549	55.57	74.0	18.43	Peak	10.00	200	Vertical	Pass
4**	7326.549	44.03	54.0	9.97	AV	10.00	200	Vertical	Pass
5	12486.256	50.22	74.0	23.78	Peak	351.00	200	Vertical	Pass
5**	12486.256	46.77	54.0	7.23	AV	351.00	200	Vertical	Pass
6	15690.582	53.39	74.0	20.61	Peak	151.00	400	Vertical	Pass
6**	15690.582	42.31	54.0	11.69	AV	151.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.876	36.26	74.0	37.74	Peak	21.00	100	Horizontal	Pass
1**	1526.876	27.25	54.0	26.75	AV	21.00	100	Horizontal	Pass
2	2273.726	43.25	74.0	30.75	Peak	126.00	200	Horizontal	Pass
2**	2273.726	32.32	54.0	21.68	AV	126.00	200	Horizontal	Pass
3	4049.340	45.74	74.0	28.26	Peak	353.00	200	Horizontal	Pass
3**	4049.340	38.54	54.0	15.46	AV	353.00	200	Horizontal	Pass
4	7624.388	50.90	74.0	23.10	Peak	122.00	100	Horizontal	Pass
4**	7624.388	40.89	54.0	13.11	AV	122.00	100	Horizontal	Pass
5	12457.233	52.67	74.0	21.33	Peak	272.00	200	Horizontal	Pass
5**	12457.233	44.02	54.0	9.98	AV	272.00	200	Horizontal	Pass
6	15903.545	56.10	74.0	17.90	Peak	268.00	400	Horizontal	Pass
6**	15903.545	46.80	54.0	7.20	AV	268.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.295	37.48	74.0	36.52	Peak	170.00	300	Vertical	Pass
1**	1598.295	23.14	54.0	30.86	AV	170.00	300	Vertical	Pass
2	2229.385	43.92	74.0	30.08	Peak	316.00	300	Vertical	Pass
2**	2229.385	29.85	54.0	24.15	AV	316.00	300	Vertical	Pass
3	4258.892	49.12	74.0	24.88	Peak	146.00	200	Vertical	Pass
3**	4258.892	36.19	54.0	17.81	AV	146.00	200	Vertical	Pass
4	7710.629	54.51	74.0	19.49	Peak	340.00	100	Vertical	Pass
4**	7710.629	45.43	54.0	8.57	AV	340.00	100	Vertical	Pass
5	12495.583	54.35	74.0	19.65	Peak	228.00	400	Vertical	Pass
5**	12495.583	45.35	54.0	8.65	AV	228.00	400	Vertical	Pass
6	15670.441	54.90	74.0	19.10	Peak	184.00	200	Vertical	Pass
6**	15670.441	43.30	54.0	10.70	AV	184.00	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	1525.988	40.29	74.0	33.71	Peak	182.00	400	Horizontal	Pass
1**	1525.988	30.68	54.0	23.32	AV	182.00	400	Horizontal	Pass
2	2275.250	45.33	74.0	28.67	Peak	221.00	100	Horizontal	Pass
2**	2275.250	33.48	54.0	20.52	AV	221.00	100	Horizontal	Pass
3	4050.477	49.17	74.0	24.83	Peak	198.00	200	Horizontal	Pass
3**	4050.477	38.30	54.0	15.70	AV	198.00	200	Horizontal	Pass
4	7617.198	53.58	74.0	20.42	Peak	150.00	400	Horizontal	Pass
4**	7617.198	43.49	54.0	10.51	AV	150.00	400	Horizontal	Pass
5	12454.407	53.97	74.0	20.03	Peak	220.00	400	Horizontal	Pass
5**	12454.407	43.80	54.0	10.20	AV	220.00	400	Horizontal	Pass
6	15905.973	54.02	74.0	19.98	Peak	21.00	400	Horizontal	Pass
6**	15905.973	46.86	54.0	7.14	AV	21.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.191	38.95	74.0	35.05	Peak	158.00	400	Vertical	Pass
1**	1600.191	25.27	54.0	28.73	AV	158.00	400	Vertical	Pass
2	2225.103	41.33	74.0	32.67	Peak	111.00	300	Vertical	Pass
2**	2225.103	30.60	54.0	23.40	AV	111.00	300	Vertical	Pass
3	4254.602	48.55	74.0	25.45	Peak	256.00	200	Vertical	Pass
3**	4254.602	35.32	54.0	18.68	AV	256.00	200	Vertical	Pass
4	7704.694	56.43	74.0	17.57	Peak	345.00	200	Vertical	Pass
4**	7704.694	45.40	54.0	8.60	AV	345.00	200	Vertical	Pass
5	12497.191	55.35	74.0	18.65	Peak	295.00	400	Vertical	Pass
5**	12497.191	40.62	54.0	13.38	AV	295.00	400	Vertical	Pass
6	15675.497	54.01	74.0	19.99	Peak	103.00	300	Vertical	Pass
6**	15675.497	40.90	54.0	13.10	AV	103.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.917	37.08	74.0	36.92	Peak	190.00	400	Horizontal	Pass
1**	1520.917	26.68	54.0	27.32	AV	190.00	400	Horizontal	Pass
2	2276.438	42.97	74.0	31.03	Peak	274.00	300	Horizontal	Pass
2**	2276.438	34.79	54.0	19.21	AV	274.00	300	Horizontal	Pass
3	4046.739	48.90	74.0	25.10	Peak	284.00	200	Horizontal	Pass
3**	4046.739	37.14	54.0	16.86	AV	284.00	200	Horizontal	Pass
4	7624.070	54.59	74.0	19.41	Peak	129.00	200	Horizontal	Pass
4**	7624.070	43.97	54.0	10.03	AV	129.00	200	Horizontal	Pass
5	12458.299	53.80	74.0	20.20	Peak	225.00	200	Horizontal	Pass
5**	12458.299	42.36	54.0	11.64	AV	225.00	200	Horizontal	Pass
6	15906.516	51.76	74.0	22.24	Peak	201.00	200	Horizontal	Pass
6**	15906.516	45.50	54.0	8.50	AV	201.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.886	37.94	74.0	36.06	Peak	359.00	400	Vertical	Pass
1**	1601.886	25.14	54.0	28.86	AV	359.00	400	Vertical	Pass
2	2231.292	41.45	74.0	32.55	Peak	179.00	200	Vertical	Pass
2**	2231.292	30.15	54.0	23.85	AV	179.00	200	Vertical	Pass
3	4257.751	48.76	74.0	25.24	Peak	130.00	200	Vertical	Pass
3**	4257.751	39.40	54.0	14.60	AV	130.00	200	Vertical	Pass
4	7711.632	54.94	74.0	19.06	Peak	192.00	400	Vertical	Pass
4**	7711.632	44.39	54.0	9.61	AV	192.00	400	Vertical	Pass
5	12500.360	50.76	74.0	23.24	Peak	350.00	200	Vertical	Pass
5**	12500.360	40.68	54.0	13.32	AV	350.00	200	Vertical	Pass
6	15675.704	55.80	74.0	18.20	Peak	130.00	100	Vertical	Pass
6**	15675.704	41.50	54.0	12.50	AV	130.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.435	40.20	74.0	33.80	Peak	139.00	100	Horizontal	Pass
1**	1528.435	27.13	54.0	26.87	AV	139.00	100	Horizontal	Pass
2	2277.392	45.40	74.0	28.60	Peak	268.00	300	Horizontal	Pass
2**	2277.392	33.92	54.0	20.08	AV	268.00	300	Horizontal	Pass
3	4049.129	48.49	74.0	25.51	Peak	304.00	200	Horizontal	Pass
3**	4049.129	36.54	54.0	17.46	AV	304.00	200	Horizontal	Pass
4	7617.846	50.95	74.0	23.05	Peak	247.00	400	Horizontal	Pass
4**	7617.846	41.03	54.0	12.97	AV	247.00	400	Horizontal	Pass
5	12450.569	53.11	74.0	20.89	Peak	6.00	300	Horizontal	Pass
5**	12450.569	45.29	54.0	8.71	AV	6.00	300	Horizontal	Pass
6	15901.195	54.24	74.0	19.76	Peak	212.00	300	Horizontal	Pass
6**	15901.195	46.27	54.0	7.73	AV	212.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.661	43.04	74.0	30.96	Peak	349.00	200	Vertical	Pass
1**	1600.661	23.44	54.0	30.56	AV	349.00	200	Vertical	Pass
2	2230.508	41.12	74.0	32.88	Peak	244.00	200	Vertical	Pass
2**	2230.508	32.64	54.0	21.36	AV	244.00	200	Vertical	Pass
3	4260.272	49.79	74.0	24.21	Peak	290.00	200	Vertical	Pass
3**	4260.272	36.16	54.0	17.84	AV	290.00	200	Vertical	Pass
4	7709.912	54.72	74.0	19.28	Peak	282.00	200	Vertical	Pass
4**	7709.912	45.03	54.0	8.97	AV	282.00	200	Vertical	Pass
5	12499.015	54.07	74.0	19.93	Peak	351.00	400	Vertical	Pass
5**	12499.015	43.55	54.0	10.45	AV	351.00	400	Vertical	Pass
6	15673.354	58.22	74.0	15.78	Peak	231.00	200	Vertical	Pass
6**	15673.354	45.51	54.0	8.49	AV	231.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.515	38.21	74.0	35.79	Peak	279.00	400	Horizontal	Pass
1**	1524.515	29.64	54.0	24.36	AV	279.00	400	Horizontal	Pass
2	2271.572	46.50	74.0	27.50	Peak	215.00	400	Horizontal	Pass
2**	2271.572	33.97	54.0	20.03	AV	215.00	400	Horizontal	Pass
3	4049.653	48.05	74.0	25.95	Peak	99.00	200	Horizontal	Pass
3**	4049.653	36.77	54.0	17.23	AV	99.00	200	Horizontal	Pass
4	7623.823	52.23	74.0	21.77	Peak	177.00	300	Horizontal	Pass
4**	7623.823	45.00	54.0	9.00	AV	177.00	300	Horizontal	Pass
5	12450.938	54.24	74.0	19.76	Peak	72.00	300	Horizontal	Pass
5**	12450.938	44.18	54.0	9.82	AV	72.00	300	Horizontal	Pass
6	15907.653	51.08	74.0	22.92	Peak	319.00	200	Horizontal	Pass
6**	15907.653	44.88	54.0	9.12	AV	319.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.713	42.74	74.0	31.26	Peak	91.00	200	Vertical	Pass
1**	1597.713	23.51	54.0	30.49	AV	91.00	200	Vertical	Pass
2	2224.574	43.16	74.0	30.84	Peak	343.00	400	Vertical	Pass
2**	2224.574	29.57	54.0	24.43	AV	343.00	400	Vertical	Pass
3	4256.488	44.88	74.0	29.12	Peak	140.00	200	Vertical	Pass
3**	4256.488	40.99	54.0	13.01	AV	140.00	200	Vertical	Pass
4	7709.337	53.69	74.0	20.31	Peak	225.00	100	Vertical	Pass
4**	7709.337	42.12	54.0	11.88	AV	225.00	100	Vertical	Pass
5	12494.958	55.28	74.0	18.72	Peak	285.00	400	Vertical	Pass
5**	12494.958	42.56	54.0	11.44	AV	285.00	400	Vertical	Pass
6	15669.383	53.70	74.0	20.30	Peak	249.00	200	Vertical	Pass
6**	15669.383	39.68	54.0	14.32	AV	249.00	200	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	1525.557	37.59	74.0	36.41	Peak	312.00	300	Horizontal	Pass
1**	1525.557	27.05	54.0	26.95	AV	312.00	300	Horizontal	Pass
2	2277.761	43.76	74.0	30.24	Peak	303.00	300	Horizontal	Pass
2**	2277.761	34.45	54.0	19.55	AV	303.00	300	Horizontal	Pass
3	4043.218	49.53	74.0	24.47	Peak	13.00	200	Horizontal	Pass
3**	4043.218	37.74	54.0	16.26	AV	13.00	200	Horizontal	Pass
4	7620.801	54.79	74.0	19.21	Peak	107.00	200	Horizontal	Pass
4**	7620.801	46.23	54.0	7.77	AV	107.00	200	Horizontal	Pass
5	12450.915	52.68	74.0	21.32	Peak	338.00	200	Horizontal	Pass
5**	12450.915	44.03	54.0	9.97	AV	338.00	200	Horizontal	Pass
6	15904.619	53.34	74.0	20.66	Peak	43.00	100	Horizontal	Pass
6**	15904.619	44.16	54.0	9.84	AV	43.00	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	1601.305	39.93	74.0	34.07	Peak	91.00	300	Vertical	Pass
1**	1601.305	25.34	54.0	28.66	AV	91.00	300	Vertical	Pass
2	2225.914	41.04	74.0	32.96	Peak	56.00	400	Vertical	Pass
2**	2225.914	33.49	54.0	20.51	AV	56.00	400	Vertical	Pass
3	4258.216	45.10	74.0	28.90	Peak	210.00	200	Vertical	Pass
3**	4258.216	40.09	54.0	13.91	AV	210.00	200	Vertical	Pass
4	7708.763	53.53	74.0	20.47	Peak	118.00	100	Vertical	Pass
4**	7708.763	40.08	54.0	13.92	AV	118.00	100	Vertical	Pass
5	12501.224	52.61	74.0	21.39	Peak	346.00	300	Vertical	Pass
5**	12501.224	43.87	54.0	10.13	AV	346.00	300	Vertical	Pass
6	15676.009	58.43	74.0	15.57	Peak	257.00	100	Vertical	Pass
6**	15676.009	44.32	54.0	9.68	AV	257.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.643	41.27	74.0	32.73	Peak	105.00	100	Horizontal	Pass
1**	1523.643	30.97	54.0	23.03	AV	105.00	100	Horizontal	Pass
2	2275.969	42.26	74.0	31.74	Peak	184.00	100	Horizontal	Pass
2**	2275.969	32.13	54.0	21.87	AV	184.00	100	Horizontal	Pass
3	4045.838	48.25	74.0	25.75	Peak	187.00	200	Horizontal	Pass
3**	4045.838	36.86	54.0	17.14	AV	187.00	200	Horizontal	Pass
4	7619.373	55.63	74.0	18.37	Peak	345.00	300	Horizontal	Pass
4**	7619.373	43.40	54.0	10.60	AV	345.00	300	Horizontal	Pass
5	12451.556	52.20	74.0	21.80	Peak	292.00	400	Horizontal	Pass
5**	12451.556	45.98	54.0	8.02	AV	292.00	400	Horizontal	Pass
6	15900.571	55.95	74.0	18.05	Peak	291.00	100	Horizontal	Pass
6**	15900.571	45.86	54.0	8.14	AV	291.00	100	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	1596.945	43.10	74.0	30.90	Peak	18.00	200	Vertical	Pass
1**	1596.945	28.20	54.0	25.80	AV	18.00	200	Vertical	Pass
2	2223.664	44.20	74.0	29.80	Peak	2.00	200	Vertical	Pass
2**	2223.664	30.71	54.0	23.29	AV	2.00	200	Vertical	Pass
3	4255.978	49.63	74.0	24.37	Peak	353.00	200	Vertical	Pass
3**	4255.978	36.31	54.0	17.69	AV	353.00	200	Vertical	Pass
4	7704.829	57.49	74.0	16.51	Peak	123.00	300	Vertical	Pass
4**	7704.829	41.66	54.0	12.34	AV	123.00	300	Vertical	Pass
5	12495.925	55.27	74.0	18.73	Peak	68.00	400	Vertical	Pass
5**	12495.925	42.28	54.0	11.72	AV	68.00	400	Vertical	Pass
6	15671.818	53.35	74.0	20.65	Peak	198.00	400	Vertical	Pass
6**	15671.818	41.96	54.0	12.04	AV	198.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.591	35.81	74.0	38.19	Peak	244.00	400	Horizontal	Pass
1**	1522.591	29.31	54.0	24.69	AV	244.00	400	Horizontal	Pass
2	2271.207	46.19	74.0	27.81	Peak	281.00	200	Horizontal	Pass
2**	2271.207	35.98	54.0	18.02	AV	281.00	200	Horizontal	Pass
3	4049.406	49.50	74.0	24.50	Peak	298.00	200	Horizontal	Pass
3**	4049.406	38.36	54.0	15.64	AV	298.00	200	Horizontal	Pass
4	7621.375	51.81	74.0	22.19	Peak	9.00	300	Horizontal	Pass
4**	7621.375	44.71	54.0	9.29	AV	9.00	300	Horizontal	Pass
5	12450.940	52.08	74.0	21.92	Peak	137.00	200	Horizontal	Pass
5**	12450.940	43.71	54.0	10.29	AV	137.00	200	Horizontal	Pass
6	15903.603	51.14	74.0	22.86	Peak	179.00	200	Horizontal	Pass
6**	15903.603	42.93	54.0	11.07	AV	179.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.229	38.82	74.0	35.18	Peak	32.00	300	Vertical	Pass
1**	1601.229	24.62	54.0	29.38	AV	32.00	300	Vertical	Pass
2	2223.674	42.64	74.0	31.36	Peak	63.00	400	Vertical	Pass
2**	2223.674	33.60	54.0	20.40	AV	63.00	400	Vertical	Pass
3	4258.697	50.72	74.0	23.28	Peak	122.00	200	Vertical	Pass
3**	4258.697	40.45	54.0	13.55	AV	122.00	200	Vertical	Pass
4	7710.664	54.46	74.0	19.54	Peak	200.00	300	Vertical	Pass
4**	7710.664	41.57	54.0	12.43	AV	200.00	300	Vertical	Pass
5	12497.231	55.94	74.0	18.06	Peak	318.00	100	Vertical	Pass
5**	12497.231	40.18	54.0	13.82	AV	318.00	100	Vertical	Pass
6	15669.957	53.55	74.0	20.45	Peak	6.00	400	Vertical	Pass
6**	15669.957	44.16	54.0	9.84	AV	6.00	400	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	1525.330	35.65	74.0	38.35	Peak	227.00	200	Horizontal	Pass
1**	1525.330	31.16	54.0	22.84	AV	227.00	200	Horizontal	Pass
2	2274.106	42.69	74.0	31.31	Peak	62.00	100	Horizontal	Pass
2**	2274.106	33.45	54.0	20.55	AV	62.00	100	Horizontal	Pass
3	4044.114	49.72	74.0	24.28	Peak	316.00	200	Horizontal	Pass
3**	4044.114	36.72	54.0	17.28	AV	316.00	200	Horizontal	Pass
4	7623.116	51.28	74.0	22.72	Peak	69.00	100	Horizontal	Pass
4**	7623.116	44.83	54.0	9.17	AV	69.00	100	Horizontal	Pass
5	12457.111	52.67	74.0	21.33	Peak	112.00	200	Horizontal	Pass
5**	12457.111	43.09	54.0	10.91	AV	112.00	200	Horizontal	Pass
6	15901.869	51.37	74.0	22.63	Peak	78.00	200	Horizontal	Pass
6**	15901.869	46.14	54.0	7.86	AV	78.00	200	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	1594.643	41.11	74.0	32.89	Peak	179.00	100	Vertical	Pass
1**	1594.643	24.63	54.0	29.37	AV	179.00	100	Vertical	Pass
2	2228.968	41.27	74.0	32.73	Peak	310.00	300	Vertical	Pass
2**	2228.968	28.45	54.0	25.55	AV	310.00	300	Vertical	Pass
3	4255.999	50.39	74.0	23.61	Peak	34.00	200	Vertical	Pass
3**	4255.999	40.86	54.0	13.14	AV	34.00	200	Vertical	Pass
4	7707.615	54.92	74.0	19.08	Peak	321.00	200	Vertical	Pass
4**	7707.615	44.66	54.0	9.34	AV	321.00	200	Vertical	Pass
5	12499.303	51.36	74.0	22.64	Peak	177.00	200	Vertical	Pass
5**	12499.303	42.17	54.0	11.83	AV	177.00	200	Vertical	Pass
6	15674.516	54.23	74.0	19.77	Peak	58.00	300	Vertical	Pass
6**	15674.516	42.85	54.0	11.15	AV	58.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.095	37.75	74.0	36.25	Peak	269.00	300	Horizontal	Pass
1**	1524.095	29.08	54.0	24.92	AV	269.00	300	Horizontal	Pass
2	2275.785	42.82	74.0	31.18	Peak	24.00	100	Horizontal	Pass
2**	2275.785	34.27	54.0	19.73	AV	24.00	100	Horizontal	Pass
3	4042.718	46.56	74.0	27.44	Peak	168.00	200	Horizontal	Pass
3**	4042.718	39.20	54.0	14.80	AV	168.00	200	Horizontal	Pass
4	7616.730	52.55	74.0	21.45	Peak	350.00	400	Horizontal	Pass
4**	7616.730	40.65	54.0	13.35	AV	350.00	400	Horizontal	Pass
5	12456.236	53.80	74.0	20.20	Peak	140.00	300	Horizontal	Pass
5**	12456.236	46.40	54.0	7.60	AV	140.00	300	Horizontal	Pass
6	15901.444	55.21	74.0	18.79	Peak	148.00	400	Horizontal	Pass
6**	15901.444	45.13	54.0	8.87	AV	148.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.799	41.24	74.0	32.76	Peak	175.00	300	Vertical	Pass
1**	1596.799	27.88	54.0	26.12	AV	175.00	300	Vertical	Pass
2	2230.491	43.46	74.0	30.54	Peak	117.00	400	Vertical	Pass
2**	2230.491	34.31	54.0	19.69	AV	117.00	400	Vertical	Pass
3	4261.354	48.06	74.0	25.94	Peak	36.00	200	Vertical	Pass
3**	4261.354	35.65	54.0	18.35	AV	36.00	200	Vertical	Pass
4	7711.658	53.28	74.0	20.72	Peak	329.00	400	Vertical	Pass
4**	7711.658	39.84	54.0	14.16	AV	329.00	400	Vertical	Pass
5	12502.373	56.47	74.0	17.53	Peak	14.00	400	Vertical	Pass
5**	12502.373	45.71	54.0	8.29	AV	14.00	400	Vertical	Pass
6	15668.736	56.65	74.0	17.35	Peak	320.00	200	Vertical	Pass
6**	15668.736	41.69	54.0	12.31	AV	320.00	200	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	1525.391	36.39	74.0	37.61	Peak	118.00	100	Horizontal	Pass
1**	1525.391	29.72	54.0	24.28	AV	118.00	100	Horizontal	Pass
2	2275.701	44.83	74.0	29.17	Peak	71.00	200	Horizontal	Pass
2**	2275.701	35.34	54.0	18.66	AV	71.00	200	Horizontal	Pass
3	4042.864	47.54	74.0	26.46	Peak	229.00	200	Horizontal	Pass
3**	4042.864	38.47	54.0	15.53	AV	229.00	200	Horizontal	Pass
4	7616.707	55.06	74.0	18.94	Peak	166.00	300	Horizontal	Pass
4**	7616.707	44.22	54.0	9.78	AV	166.00	300	Horizontal	Pass
5	12453.470	54.59	74.0	19.41	Peak	41.00	400	Horizontal	Pass
5**	12453.470	42.79	54.0	11.21	AV	41.00	400	Horizontal	Pass
6	15906.874	53.12	74.0	20.88	Peak	131.00	100	Horizontal	Pass
6**	15906.874	45.81	54.0	8.19	AV	131.00	100	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	1596.248	38.81	74.0	35.19	Peak	328.00	300	Vertical	Pass
1**	1596.248	24.73	54.0	29.27	AV	328.00	300	Vertical	Pass
2	2228.759	42.28	74.0	31.72	Peak	182.00	400	Vertical	Pass
2**	2228.759	32.95	54.0	21.05	AV	182.00	400	Vertical	Pass
3	4254.347	45.24	74.0	28.76	Peak	74.00	200	Vertical	Pass
3**	4254.347	37.64	54.0	16.36	AV	74.00	200	Vertical	Pass
4	7710.916	53.92	74.0	20.08	Peak	290.00	100	Vertical	Pass
4**	7710.916	42.67	54.0	11.33	AV	290.00	100	Vertical	Pass
5	12498.750	54.55	74.0	19.45	Peak	299.00	400	Vertical	Pass
5**	12498.750	45.17	54.0	8.83	AV	299.00	400	Vertical	Pass
6	15670.023	56.87	74.0	17.13	Peak	297.00	300	Vertical	Pass
6**	15670.023	43.18	54.0	10.82	AV	297.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.425	36.00	74.0	38.00	Peak	32.00	300	Horizontal	Pass
1**	1528.425	27.05	54.0	26.95	AV	32.00	300	Horizontal	Pass
2	2271.731	45.55	74.0	28.45	Peak	155.00	300	Horizontal	Pass
2**	2271.731	36.70	54.0	17.30	AV	155.00	300	Horizontal	Pass
3	4043.972	47.54	74.0	26.46	Peak	14.00	200	Horizontal	Pass
3**	4043.972	37.81	54.0	16.19	AV	14.00	200	Horizontal	Pass
4	7624.315	54.29	74.0	19.71	Peak	274.00	200	Horizontal	Pass
4**	7624.315	41.61	54.0	12.39	AV	274.00	200	Horizontal	Pass
5	12454.670	50.94	74.0	23.06	Peak	104.00	100	Horizontal	Pass
5**	12454.670	45.44	54.0	8.56	AV	104.00	100	Horizontal	Pass
6	15907.084	53.05	74.0	20.95	Peak	200.00	200	Horizontal	Pass
6**	15907.084	46.97	54.0	7.03	AV	200.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.344	37.26	74.0	36.74	Peak	309.00	100	Vertical	Pass
1**	1596.344	23.45	54.0	30.55	AV	309.00	100	Vertical	Pass
2	2229.649	40.28	74.0	33.72	Peak	230.00	100	Vertical	Pass
2**	2229.649	31.12	54.0	22.88	AV	230.00	100	Vertical	Pass
3	4261.444	49.72	74.0	24.28	Peak	256.00	200	Vertical	Pass
3**	4261.444	37.33	54.0	16.67	AV	256.00	200	Vertical	Pass
4	7706.198	55.40	74.0	18.60	Peak	124.00	300	Vertical	Pass
4**	7706.198	45.14	54.0	8.86	AV	124.00	300	Vertical	Pass
5	12498.717	52.93	74.0	21.07	Peak	175.00	300	Vertical	Pass
5**	12498.717	44.28	54.0	9.72	AV	175.00	300	Vertical	Pass
6	15671.241	55.86	74.0	18.14	Peak	339.00	300	Vertical	Pass
6**	15671.241	44.91	54.0	9.09	AV	339.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.886	38.01	74.0	35.99	Peak	43.00	100	Horizontal	Pass
1**	1520.886	27.71	54.0	26.29	AV	43.00	100	Horizontal	Pass
2	2271.870	45.47	74.0	28.53	Peak	354.00	200	Horizontal	Pass
2**	2271.870	33.45	54.0	20.55	AV	354.00	200	Horizontal	Pass
3	4048.884	44.53	74.0	29.47	Peak	84.00	200	Horizontal	Pass
3**	4048.884	35.70	54.0	18.30	AV	84.00	200	Horizontal	Pass
4	7621.280	51.22	74.0	22.78	Peak	141.00	400	Horizontal	Pass
4**	7621.280	41.54	54.0	12.46	AV	141.00	400	Horizontal	Pass
5	12456.365	53.44	74.0	20.56	Peak	44.00	300	Horizontal	Pass
5**	12456.365	42.63	54.0	11.37	AV	44.00	300	Horizontal	Pass
6	15901.295	53.94	74.0	20.06	Peak	19.00	200	Horizontal	Pass
6**	15901.295	41.70	54.0	12.30	AV	19.00	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	1601.972	37.53	74.0	36.47	Peak	218.00	300	Vertical	Pass
1**	1601.972	24.71	54.0	29.29	AV	218.00	300	Vertical	Pass
2	2225.700	44.12	74.0	29.88	Peak	220.00	300	Vertical	Pass
2**	2225.700	32.16	54.0	21.84	AV	220.00	300	Vertical	Pass
3	4261.797	47.98	74.0	26.02	Peak	111.00	200	Vertical	Pass
3**	4261.797	37.49	54.0	16.51	AV	111.00	200	Vertical	Pass
4	7706.494	54.48	74.0	19.52	Peak	247.00	300	Vertical	Pass
4**	7706.494	45.26	54.0	8.74	AV	247.00	300	Vertical	Pass
5	12498.079	51.33	74.0	22.67	Peak	234.00	200	Vertical	Pass
5**	12498.079	41.82	54.0	12.18	AV	234.00	200	Vertical	Pass
6	15674.932	54.35	74.0	19.65	Peak	171.00	400	Vertical	Pass
6**	15674.932	40.46	54.0	13.54	AV	171.00	400	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	1521.385	37.29	74.0	36.71	Peak	218.00	400	Horizontal	Pass
1**	1521.385	26.23	54.0	27.77	AV	218.00	400	Horizontal	Pass
2	2275.048	43.42	74.0	30.58	Peak	178.00	100	Horizontal	Pass
2**	2275.048	35.56	54.0	18.44	AV	178.00	100	Horizontal	Pass
3	4043.968	48.04	74.0	25.96	Peak	263.00	200	Horizontal	Pass
3**	4043.968	36.04	54.0	17.96	AV	263.00	200	Horizontal	Pass
4	7616.952	52.59	74.0	21.41	Peak	353.00	400	Horizontal	Pass
4**	7616.952	42.54	54.0	11.46	AV	353.00	400	Horizontal	Pass
5	12454.829	50.92	74.0	23.08	Peak	241.00	300	Horizontal	Pass
5**	12454.829	44.74	54.0	9.26	AV	241.00	300	Horizontal	Pass
6	15903.727	52.82	74.0	21.18	Peak	345.00	300	Horizontal	Pass
6**	15903.727	46.63	54.0	7.37	AV	345.00	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	1597.006	41.13	74.0	32.87	Peak	352.00	200	Vertical	Pass
1**	1597.006	26.16	54.0	27.84	AV	352.00	200	Vertical	Pass
2	2227.698	39.03	74.0	34.97	Peak	339.00	400	Vertical	Pass
2**	2227.698	30.90	54.0	23.10	AV	339.00	400	Vertical	Pass
3	4254.701	46.52	74.0	27.48	Peak	241.00	200	Vertical	Pass
3**	4254.701	38.76	54.0	15.24	AV	241.00	200	Vertical	Pass
4	7705.392	55.98	74.0	18.02	Peak	290.00	400	Vertical	Pass
4**	7705.392	43.54	54.0	10.46	AV	290.00	400	Vertical	Pass
5	12498.414	54.89	74.0	19.11	Peak	67.00	100	Vertical	Pass
5**	12498.414	45.45	54.0	8.55	AV	67.00	100	Vertical	Pass
6	15672.216	53.78	74.0	20.22	Peak	127.00	400	Vertical	Pass
6**	15672.216	44.71	54.0	9.29	AV	127.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.795	38.16	74.0	35.84	Peak	313.00	300	Horizontal	Pass
1**	1524.795	29.76	54.0	24.24	AV	313.00	300	Horizontal	Pass
2	2272.972	42.87	74.0	31.13	Peak	168.00	300	Horizontal	Pass
2**	2272.972	33.45	54.0	20.55	AV	168.00	300	Horizontal	Pass
3	4046.518	47.53	74.0	26.47	Peak	45.00	200	Horizontal	Pass
3**	4046.518	38.78	54.0	15.22	AV	45.00	200	Horizontal	Pass
4	7623.157	50.91	74.0	23.09	Peak	131.00	200	Horizontal	Pass
4**	7623.157	43.41	54.0	10.59	AV	131.00	200	Horizontal	Pass
5	12454.748	53.08	74.0	20.92	Peak	222.00	300	Horizontal	Pass
5**	12454.748	41.78	54.0	12.22	AV	222.00	300	Horizontal	Pass
6	15899.721	56.71	74.0	17.29	Peak	78.00	400	Horizontal	Pass
6**	15899.721	47.05	54.0	6.95	AV	78.00	400	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	1599.036	42.58	74.0	31.42	Peak	85.00	100	Vertical	Pass
1**	1599.036	27.19	54.0	26.81	AV	85.00	100	Vertical	Pass
2	2225.701	43.00	74.0	31.00	Peak	294.00	400	Vertical	Pass
2**	2225.701	28.89	54.0	25.11	AV	294.00	400	Vertical	Pass
3	4262.183	46.46	74.0	27.54	Peak	127.00	200	Vertical	Pass
3**	4262.183	35.64	54.0	18.36	AV	127.00	200	Vertical	Pass
4	7710.782	56.20	74.0	17.80	Peak	128.00	100	Vertical	Pass
4**	7710.782	41.88	54.0	12.12	AV	128.00	100	Vertical	Pass
5	12501.599	54.31	74.0	19.69	Peak	95.00	400	Vertical	Pass
5**	12501.599	44.58	54.0	9.42	AV	95.00	400	Vertical	Pass
6	15672.968	55.19	74.0	18.81	Peak	245.00	200	Vertical	Pass
6**	15672.968	40.17	54.0	13.83	AV	245.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.331	38.06	74.0	35.94	Peak	36.00	300	Horizontal	Pass
1**	1526.331	25.75	54.0	28.25	AV	36.00	300	Horizontal	Pass
2	2272.756	46.31	74.0	27.69	Peak	126.00	100	Horizontal	Pass
2**	2272.756	34.57	54.0	19.43	AV	126.00	100	Horizontal	Pass
3	4046.374	47.46	74.0	26.54	Peak	186.00	200	Horizontal	Pass
3**	4046.374	37.39	54.0	16.61	AV	186.00	200	Horizontal	Pass
4	7619.810	55.53	74.0	18.47	Peak	146.00	200	Horizontal	Pass
4**	7619.810	46.21	54.0	7.79	AV	146.00	200	Horizontal	Pass
5	12455.176	50.07	74.0	23.93	Peak	324.00	200	Horizontal	Pass
5**	12455.176	46.16	54.0	7.84	AV	324.00	200	Horizontal	Pass
6	15905.011	56.05	74.0	17.95	Peak	121.00	200	Horizontal	Pass
6**	15905.011	42.28	54.0	11.72	AV	121.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.837	38.10	74.0	35.90	Peak	31.00	200	Vertical	Pass
1**	1599.837	24.28	54.0	29.72	AV	31.00	200	Vertical	Pass
2	2231.010	43.26	74.0	30.74	Peak	177.00	400	Vertical	Pass
2**	2231.010	33.74	54.0	20.26	AV	177.00	400	Vertical	Pass
3	4254.492	50.55	74.0	23.45	Peak	311.00	200	Vertical	Pass
3**	4254.492	39.01	54.0	14.99	AV	311.00	200	Vertical	Pass
4	7706.120	56.16	74.0	17.84	Peak	277.00	300	Vertical	Pass
4**	7706.120	43.78	54.0	10.22	AV	277.00	300	Vertical	Pass
5	12501.115	56.21	74.0	17.79	Peak	225.00	300	Vertical	Pass
5**	12501.115	44.43	54.0	9.57	AV	225.00	300	Vertical	Pass
6	15672.507	56.84	74.0	17.16	Peak	10.00	200	Vertical	Pass
6**	15672.507	39.80	54.0	14.20	AV	10.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.462	38.15	74.0	35.85	Peak	320.00	400	Horizontal	Pass
1**	1528.462	29.17	54.0	24.83	AV	320.00	400	Horizontal	Pass
2	2275.563	42.26	74.0	31.74	Peak	144.00	200	Horizontal	Pass
2**	2275.563	37.25	54.0	16.75	AV	144.00	200	Horizontal	Pass
3	4043.850	48.21	74.0	25.79	Peak	150.00	200	Horizontal	Pass
3**	4043.850	34.35	54.0	19.65	AV	150.00	200	Horizontal	Pass
4	7617.887	51.52	74.0	22.48	Peak	44.00	400	Horizontal	Pass
4**	7617.887	41.20	54.0	12.80	AV	44.00	400	Horizontal	Pass
5	12455.393	55.39	74.0	18.61	Peak	19.00	300	Horizontal	Pass
5**	12455.393	46.75	54.0	7.25	AV	19.00	300	Horizontal	Pass
6	15904.801	51.38	74.0	22.62	Peak	98.00	400	Horizontal	Pass
6**	15904.801	45.27	54.0	8.73	AV	98.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.254	42.60	74.0	31.40	Peak	312.00	100	Vertical	Pass
1**	1597.254	28.24	54.0	25.76	AV	312.00	100	Vertical	Pass
2	2226.485	38.79	74.0	35.21	Peak	153.00	200	Vertical	Pass
2**	2226.485	34.28	54.0	19.72	AV	153.00	200	Vertical	Pass
3	4259.906	48.74	74.0	25.26	Peak	255.00	200	Vertical	Pass
3**	4259.906	39.69	54.0	14.31	AV	255.00	200	Vertical	Pass
4	7704.948	56.56	74.0	17.44	Peak	222.00	100	Vertical	Pass
4**	7704.948	41.18	54.0	12.82	AV	222.00	100	Vertical	Pass
5	12495.863	54.47	74.0	19.53	Peak	134.00	100	Vertical	Pass
5**	12495.863	41.16	54.0	12.84	AV	134.00	100	Vertical	Pass
6	15673.221	56.30	74.0	17.70	Peak	281.00	300	Vertical	Pass
6**	15673.221	42.92	54.0	11.08	AV	281.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.479	35.25	74.0	38.75	Peak	198.00	200	Horizontal	Pass
1**	1517.479	31.59	54.0	22.41	AV	198.00	200	Horizontal	Pass
2	4023.711	48.09	74.0	25.91	Peak	120.00	400	Horizontal	Pass
2**	4023.711	39.18	54.0	14.82	AV	120.00	400	Horizontal	Pass
3	7602.161	52.20	74.0	21.80	Peak	166.00	200	Horizontal	Pass
3**	7602.161	43.39	54.0	10.61	AV	166.00	200	Horizontal	Pass
4	12453.302	55.83	74.0	18.17	Peak	15.00	300	Horizontal	Pass
4**	12453.302	43.00	54.0	11.00	AV	15.00	300	Horizontal	Pass
5	16098.789	51.60	74.0	22.40	Peak	111.00	100	Horizontal	Pass
5**	16098.789	46.27	54.0	7.73	AV	111.00	100	Horizontal	Pass
6	17418.282	57.80	74.0	16.20	Peak	162.00	400	Horizontal	Pass
6**	17418.282	45.23	54.0	8.77	AV	162.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.183	44.27	74.0	29.73	Peak	123.00	100	Vertical	Pass
1**	1333.183	33.86	54.0	20.14	AV	123.00	100	Vertical	Pass
2	1436.360	44.00	74.0	30.00	Peak	120.00	200	Vertical	Pass
2**	1436.360	38.61	54.0	15.39	AV	120.00	200	Vertical	Pass
3	4310.951	50.29	74.0	23.71	Peak	128.00	200	Vertical	Pass
3**	4310.951	36.70	54.0	17.30	AV	128.00	200	Vertical	Pass
4	7596.706	54.23	74.0	19.77	Peak	215.00	200	Vertical	Pass
4**	7596.706	42.01	54.0	11.99	AV	215.00	200	Vertical	Pass
5	12535.479	53.38	74.0	20.62	Peak	0.00	200	Vertical	Pass
5**	12535.479	41.98	54.0	12.02	AV	0.00	200	Vertical	Pass
6	15904.264	56.30	74.0	17.70	Peak	230.00	200	Vertical	Pass
6**	15904.264	44.87	54.0	9.13	AV	230.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.398	36.61	74.0	37.39	Peak	225.00	400	Horizontal	Pass
1**	1518.398	30.23	54.0	23.77	AV	225.00	400	Horizontal	Pass
2	4019.631	45.99	74.0	28.01	Peak	317.00	300	Horizontal	Pass
2**	4019.631	35.42	54.0	18.58	AV	317.00	300	Horizontal	Pass
3	7598.910	51.00	74.0	23.00	Peak	20.00	200	Horizontal	Pass
3**	7598.910	46.05	54.0	7.95	AV	20.00	200	Horizontal	Pass
4	12459.191	53.20	74.0	20.80	Peak	41.00	300	Horizontal	Pass
4**	12459.191	45.05	54.0	8.95	AV	41.00	300	Horizontal	Pass
5	16095.587	56.33	74.0	17.67	Peak	152.00	100	Horizontal	Pass
5**	16095.587	46.01	54.0	7.99	AV	152.00	100	Horizontal	Pass
6	17419.988	58.21	74.0	15.79	Peak	303.00	200	Horizontal	Pass
6**	17419.988	49.17	54.0	4.83	AV	303.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.755	42.17	74.0	31.83	Peak	120.00	200	Vertical	Pass
1**	1335.755	36.01	54.0	17.99	AV	120.00	200	Vertical	Pass
2	1438.677	42.47	74.0	31.53	Peak	313.00	300	Vertical	Pass
2**	1438.677	37.17	54.0	16.83	AV	313.00	300	Vertical	Pass
3	4311.906	47.13	74.0	26.87	Peak	167.00	200	Vertical	Pass
3**	4311.906	40.28	54.0	13.72	AV	167.00	200	Vertical	Pass
4	7597.118	55.15	74.0	18.85	Peak	130.00	400	Vertical	Pass
4**	7597.118	46.01	54.0	7.99	AV	130.00	400	Vertical	Pass
5	12530.981	56.33	74.0	17.67	Peak	295.00	100	Vertical	Pass
5**	12530.981	43.11	54.0	10.89	AV	295.00	100	Vertical	Pass
6	15906.306	55.83	74.0	18.17	Peak	186.00	200	Vertical	Pass
6**	15906.306	45.32	54.0	8.68	AV	186.00	200	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	1522.580	38.21	74.0	35.79	Peak	63.00	100	Horizontal	Pass
1**	1522.580	30.23	54.0	23.77	AV	63.00	100	Horizontal	Pass
2	4018.605	47.39	74.0	26.61	Peak	73.00	200	Horizontal	Pass
2**	4018.605	39.44	54.0	14.56	AV	73.00	200	Horizontal	Pass
3	7597.067	55.11	74.0	18.89	Peak	58.00	200	Horizontal	Pass
3**	7597.067	42.74	54.0	11.26	AV	58.00	200	Horizontal	Pass
4	12452.159	52.84	74.0	21.16	Peak	82.00	400	Horizontal	Pass
4**	12452.159	46.21	54.0	7.79	AV	82.00	400	Horizontal	Pass
5	16091.908	52.72	74.0	21.28	Peak	8.00	100	Horizontal	Pass
5**	16091.908	42.42	54.0	11.58	AV	8.00	100	Horizontal	Pass
6	17422.128	59.08	74.0	14.92	Peak	68.00	400	Horizontal	Pass
6**	17422.128	46.96	54.0	7.04	AV	68.00	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	1333.930	45.66	74.0	28.34	Peak	270.00	400	Vertical	Pass
1**	1333.930	32.72	54.0	21.28	AV	270.00	400	Vertical	Pass
2	1439.135	44.06	74.0	29.94	Peak	119.00	300	Vertical	Pass
2**	1439.135	39.83	54.0	14.17	AV	119.00	300	Vertical	Pass
3	4313.232	50.22	74.0	23.78	Peak	67.00	200	Vertical	Pass
3**	4313.232	35.52	54.0	18.48	AV	67.00	200	Vertical	Pass
4	7594.420	53.54	74.0	20.46	Peak	290.00	400	Vertical	Pass
4**	7594.420	41.60	54.0	12.40	AV	290.00	400	Vertical	Pass
5	12535.809	54.78	74.0	19.22	Peak	74.00	300	Vertical	Pass
5**	12535.809	41.96	54.0	12.04	AV	74.00	300	Vertical	Pass
6	15910.184	53.67	74.0	20.33	Peak	241.00	300	Vertical	Pass
6**	15910.184	46.16	54.0	7.84	AV	241.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.633	38.62	74.0	35.38	Peak	118.00	200	Horizontal	Pass
1**	1518.633	29.31	54.0	24.69	AV	118.00	200	Horizontal	Pass
2	4019.917	47.71	74.0	26.29	Peak	270.00	200	Horizontal	Pass
2**	4019.917	39.86	54.0	14.14	AV	270.00	200	Horizontal	Pass
3	7595.546	51.82	74.0	22.18	Peak	358.00	200	Horizontal	Pass
3**	7595.546	46.37	54.0	7.63	AV	358.00	200	Horizontal	Pass
4	12453.365	51.48	74.0	22.52	Peak	101.00	200	Horizontal	Pass
4**	12453.365	44.89	54.0	9.11	AV	101.00	200	Horizontal	Pass
5	16091.830	54.19	74.0	19.81	Peak	134.00	300	Horizontal	Pass
5**	16091.830	46.56	54.0	7.44	AV	134.00	300	Horizontal	Pass
6	17415.640	56.20	74.0	17.80	Peak	149.00	100	Horizontal	Pass
6**	17415.640	47.09	54.0	6.91	AV	149.00	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	1335.210	45.49	74.0	28.51	Peak	283.00	100	Vertical	Pass
1**	1335.210	36.27	54.0	17.73	AV	283.00	100	Vertical	Pass
2	1437.017	43.74	74.0	30.26	Peak	2.00	400	Vertical	Pass
2**	1437.017	37.65	54.0	16.35	AV	2.00	400	Vertical	Pass
3	4314.009	48.84	74.0	25.16	Peak	209.00	200	Vertical	Pass
3**	4314.009	38.80	54.0	15.20	AV	209.00	200	Vertical	Pass
4	7591.052	55.64	74.0	18.36	Peak	143.00	400	Vertical	Pass
4**	7591.052	42.81	54.0	11.19	AV	143.00	400	Vertical	Pass
5	12534.259	55.32	74.0	18.68	Peak	50.00	200	Vertical	Pass
5**	12534.259	43.12	54.0	10.88	AV	50.00	200	Vertical	Pass
6	15909.457	52.87	74.0	21.13	Peak	233.00	300	Vertical	Pass
6**	15909.457	48.04	54.0	5.96	AV	233.00	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	1520.154	37.64	74.0	36.36	Peak	356.00	200	Horizontal	Pass
1**	1520.154	31.56	54.0	22.44	AV	356.00	200	Horizontal	Pass
2	4022.168	48.26	74.0	25.74	Peak	202.00	200	Horizontal	Pass
2**	4022.168	39.58	54.0	14.42	AV	202.00	200	Horizontal	Pass
3	7599.288	54.80	74.0	19.20	Peak	295.00	200	Horizontal	Pass
3**	7599.288	45.02	54.0	8.98	AV	295.00	200	Horizontal	Pass
4	12459.011	51.29	74.0	22.71	Peak	41.00	100	Horizontal	Pass
4**	12459.011	44.36	54.0	9.64	AV	41.00	100	Horizontal	Pass
5	16099.149	51.12	74.0	22.88	Peak	231.00	200	Horizontal	Pass
5**	16099.149	46.72	54.0	7.28	AV	231.00	200	Horizontal	Pass
6	17420.242	54.50	74.0	19.50	Peak	118.00	100	Horizontal	Pass
6**	17420.242	44.90	54.0	9.10	AV	118.00	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	1334.061	45.91	74.0	28.09	Peak	6.00	100	Vertical	Pass
1**	1334.061	32.46	54.0	21.54	AV	6.00	100	Vertical	Pass
2	1441.603	42.65	74.0	31.35	Peak	89.00	200	Vertical	Pass
2**	1441.603	35.39	54.0	18.61	AV	89.00	200	Vertical	Pass
3	4314.254	45.37	74.0	28.63	Peak	337.00	200	Vertical	Pass
3**	4314.254	37.90	54.0	16.10	AV	337.00	200	Vertical	Pass
4	7597.399	52.56	74.0	21.44	Peak	49.00	100	Vertical	Pass
4**	7597.399	40.94	54.0	13.06	AV	49.00	100	Vertical	Pass
5	12538.594	55.18	74.0	18.82	Peak	230.00	400	Vertical	Pass
5**	12538.594	42.00	54.0	12.00	AV	230.00	400	Vertical	Pass
6	15905.308	52.66	74.0	21.34	Peak	125.00	300	Vertical	Pass
6**	15905.308	47.67	54.0	6.33	AV	125.00	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	1519.986	39.33	74.0	34.67	Peak	168.00	400	Horizontal	Pass
1**	1519.986	27.28	54.0	26.72	AV	168.00	400	Horizontal	Pass
2	4022.728	47.41	74.0	26.59	Peak	314.00	400	Horizontal	Pass
2**	4022.728	35.38	54.0	18.62	AV	314.00	400	Horizontal	Pass
3	7594.635	53.44	74.0	20.56	Peak	152.00	200	Horizontal	Pass
3**	7594.635	41.86	54.0	12.14	AV	152.00	200	Horizontal	Pass
4	12456.736	52.68	74.0	21.32	Peak	101.00	400	Horizontal	Pass
4**	12456.736	44.23	54.0	9.77	AV	101.00	400	Horizontal	Pass
5	16092.967	55.35	74.0	18.65	Peak	340.00	300	Horizontal	Pass
5**	16092.967	44.10	54.0	9.90	AV	340.00	300	Horizontal	Pass
6	17422.696	54.63	74.0	19.37	Peak	283.00	200	Horizontal	Pass
6**	17422.696	48.49	54.0	5.51	AV	283.00	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	1330.058	46.13	74.0	27.87	Peak	146.00	300	Vertical	Pass
1**	1330.058	36.45	54.0	17.55	AV	146.00	300	Vertical	Pass
2	1439.018	44.91	74.0	29.09	Peak	6.00	300	Vertical	Pass
2**	1439.018	38.96	54.0	15.04	AV	6.00	300	Vertical	Pass
3	4309.988	44.94	74.0	29.06	Peak	55.00	200	Vertical	Pass
3**	4309.988	40.08	54.0	13.92	AV	55.00	200	Vertical	Pass
4	7595.203	53.95	74.0	20.05	Peak	85.00	100	Vertical	Pass
4**	7595.203	44.57	54.0	9.43	AV	85.00	100	Vertical	Pass
5	12535.246	55.48	74.0	18.52	Peak	338.00	300	Vertical	Pass
5**	12535.246	44.33	54.0	9.67	AV	338.00	300	Vertical	Pass
6	15910.232	52.44	74.0	21.56	Peak	247.00	400	Vertical	Pass
6**	15910.232	47.63	54.0	6.37	AV	247.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.643	38.05	74.0	35.95	Peak	357.00	400	Horizontal	Pass
1**	1520.643	29.05	54.0	24.95	AV	357.00	400	Horizontal	Pass
2	4022.780	49.63	74.0	24.37	Peak	329.00	300	Horizontal	Pass
2**	4022.780	38.53	54.0	15.47	AV	329.00	300	Horizontal	Pass
3	7600.326	55.36	74.0	18.64	Peak	22.00	200	Horizontal	Pass
3**	7600.326	42.11	54.0	11.89	AV	22.00	200	Horizontal	Pass
4	12455.971	53.85	74.0	20.15	Peak	186.00	200	Horizontal	Pass
4**	12455.971	43.93	54.0	10.07	AV	186.00	200	Horizontal	Pass
5	16091.462	53.40	74.0	20.60	Peak	154.00	200	Horizontal	Pass
5**	16091.462	45.79	54.0	8.21	AV	154.00	200	Horizontal	Pass
6	17422.865	55.56	74.0	18.44	Peak	251.00	400	Horizontal	Pass
6**	17422.865	44.81	54.0	9.19	AV	251.00	400	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	1330.555	41.83	74.0	32.17	Peak	259.00	200	Vertical	Pass
1**	1330.555	35.46	54.0	18.54	AV	259.00	200	Vertical	Pass
2	1441.290	41.97	74.0	32.03	Peak	73.00	300	Vertical	Pass
2**	1441.290	35.94	54.0	18.06	AV	73.00	300	Vertical	Pass
3	4309.874	45.71	74.0	28.29	Peak	270.00	200	Vertical	Pass
3**	4309.874	36.94	54.0	17.06	AV	270.00	200	Vertical	Pass
4	7593.946	54.71	74.0	19.29	Peak	156.00	100	Vertical	Pass
4**	7593.946	41.18	54.0	12.82	AV	156.00	100	Vertical	Pass
5	12531.739	50.85	74.0	23.15	Peak	273.00	100	Vertical	Pass
5**	12531.739	42.88	54.0	11.12	AV	273.00	100	Vertical	Pass
6	15906.756	52.78	74.0	21.22	Peak	278.00	400	Vertical	Pass
6**	15906.756	48.21	54.0	5.79	AV	278.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.840	37.57	74.0	36.43	Peak	255.00	300	Horizontal	Pass
1**	1523.840	26.91	54.0	27.09	AV	255.00	300	Horizontal	Pass
2	4023.351	45.38	74.0	28.62	Peak	193.00	100	Horizontal	Pass
2**	4023.351	39.08	54.0	14.92	AV	193.00	100	Horizontal	Pass
3	7596.457	53.26	74.0	20.74	Peak	58.00	200	Horizontal	Pass
3**	7596.457	45.29	54.0	8.71	AV	58.00	200	Horizontal	Pass
4	12454.605	55.97	74.0	18.03	Peak	196.00	400	Horizontal	Pass
4**	12454.605	44.51	54.0	9.49	AV	196.00	400	Horizontal	Pass
5	16092.651	56.13	74.0	17.87	Peak	329.00	100	Horizontal	Pass
5**	16092.651	46.29	54.0	7.71	AV	329.00	100	Horizontal	Pass
6	17419.358	54.77	74.0	19.23	Peak	120.00	400	Horizontal	Pass
6**	17419.358	45.37	54.0	8.63	AV	120.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.208	44.00	74.0	30.00	Peak	80.00	100	Vertical	Pass
1**	1336.208	36.54	54.0	17.46	AV	80.00	100	Vertical	Pass
2	1443.088	39.95	74.0	34.05	Peak	311.00	200	Vertical	Pass
2**	1443.088	38.89	54.0	15.11	AV	311.00	200	Vertical	Pass
3	4308.476	49.12	74.0	24.88	Peak	78.00	200	Vertical	Pass
3**	4308.476	40.33	54.0	13.67	AV	78.00	200	Vertical	Pass
4	7591.928	55.51	74.0	18.49	Peak	308.00	200	Vertical	Pass
4**	7591.928	40.84	54.0	13.16	AV	308.00	200	Vertical	Pass
5	12534.890	54.53	74.0	19.47	Peak	191.00	400	Vertical	Pass
5**	12534.890	41.41	54.0	12.59	AV	191.00	400	Vertical	Pass
6	15909.449	52.31	74.0	21.69	Peak	316.00	100	Vertical	Pass
6**	15909.449	47.10	54.0	6.90	AV	316.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.874	36.07	74.0	37.93	Peak	146.00	300	Horizontal	Pass
1**	1523.874	27.18	54.0	26.82	AV	146.00	300	Horizontal	Pass
2	4022.987	46.82	74.0	27.18	Peak	251.00	300	Horizontal	Pass
2**	4022.987	36.17	54.0	17.83	AV	251.00	300	Horizontal	Pass
3	7602.498	55.26	74.0	18.74	Peak	33.00	200	Horizontal	Pass
3**	7602.498	42.10	54.0	11.90	AV	33.00	200	Horizontal	Pass
4	12459.103	53.28	74.0	20.72	Peak	276.00	300	Horizontal	Pass
4**	12459.103	44.78	54.0	9.22	AV	276.00	300	Horizontal	Pass
5	16095.895	54.32	74.0	19.68	Peak	206.00	200	Horizontal	Pass
5**	16095.895	45.48	54.0	8.52	AV	206.00	200	Horizontal	Pass
6	17416.801	58.64	74.0	15.36	Peak	143.00	200	Horizontal	Pass
6**	17416.801	44.99	54.0	9.01	AV	143.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.045	46.35	74.0	27.65	Peak	98.00	300	Vertical	Pass
1**	1336.045	33.39	54.0	20.61	AV	98.00	300	Vertical	Pass
2	1442.887	40.92	74.0	33.08	Peak	172.00	200	Vertical	Pass
2**	1442.887	37.20	54.0	16.80	AV	172.00	200	Vertical	Pass
3	4310.876	49.32	74.0	24.68	Peak	256.00	200	Vertical	Pass
3**	4310.876	36.79	54.0	17.21	AV	256.00	200	Vertical	Pass
4	7594.284	52.35	74.0	21.65	Peak	52.00	300	Vertical	Pass
4**	7594.284	44.54	54.0	9.46	AV	52.00	300	Vertical	Pass
5	12532.168	51.97	74.0	22.03	Peak	159.00	400	Vertical	Pass
5**	12532.168	41.62	54.0	12.38	AV	159.00	400	Vertical	Pass
6	15905.588	55.03	74.0	18.97	Peak	140.00	200	Vertical	Pass
6**	15905.588	42.91	54.0	11.09	AV	140.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.208	39.09	74.0	34.91	Peak	193.00	300	Horizontal	Pass
1**	1520.208	27.28	54.0	26.72	AV	193.00	300	Horizontal	Pass
2	4018.105	47.61	74.0	26.39	Peak	124.00	400	Horizontal	Pass
2**	4018.105	35.40	54.0	18.60	AV	124.00	400	Horizontal	Pass
3	7595.034	50.95	74.0	23.05	Peak	203.00	200	Horizontal	Pass
3**	7595.034	44.62	54.0	9.38	AV	203.00	200	Horizontal	Pass
4	12451.893	53.67	74.0	20.33	Peak	223.00	300	Horizontal	Pass
4**	12451.893	45.46	54.0	8.54	AV	223.00	300	Horizontal	Pass
5	16098.040	52.00	74.0	22.00	Peak	296.00	300	Horizontal	Pass
5**	16098.040	47.76	54.0	6.24	AV	296.00	300	Horizontal	Pass
6	17420.532	54.62	74.0	19.38	Peak	117.00	400	Horizontal	Pass
6**	17420.532	45.91	54.0	8.09	AV	117.00	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	1331.011	45.94	74.0	28.06	Peak	161.00	300	Vertical	Pass
1**	1331.011	34.12	54.0	19.88	AV	161.00	300	Vertical	Pass
2	1443.698	39.52	74.0	34.48	Peak	189.00	400	Vertical	Pass
2**	1443.698	39.60	54.0	14.40	AV	189.00	400	Vertical	Pass
3	4311.527	46.97	74.0	27.03	Peak	22.00	200	Vertical	Pass
3**	4311.527	37.25	54.0	16.75	AV	22.00	200	Vertical	Pass
4	7593.496	52.79	74.0	21.21	Peak	203.00	400	Vertical	Pass
4**	7593.496	43.53	54.0	10.47	AV	203.00	400	Vertical	Pass
5	12532.249	52.34	74.0	21.66	Peak	314.00	100	Vertical	Pass
5**	12532.249	42.69	54.0	11.31	AV	314.00	100	Vertical	Pass
6	15907.147	57.15	74.0	16.85	Peak	232.00	200	Vertical	Pass
6**	15907.147	45.04	54.0	8.96	AV	232.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.323	37.44	74.0	36.56	Peak	179.00	200	Horizontal	Pass
1**	1522.323	32.21	54.0	21.79	AV	179.00	200	Horizontal	Pass
2	4016.305	44.31	74.0	29.69	Peak	265.00	200	Horizontal	Pass
2**	4016.305	37.06	54.0	16.94	AV	265.00	200	Horizontal	Pass
3	7596.122	51.34	74.0	22.66	Peak	4.00	200	Horizontal	Pass
3**	7596.122	42.42	54.0	11.58	AV	4.00	200	Horizontal	Pass
4	12452.802	54.62	74.0	19.38	Peak	230.00	300	Horizontal	Pass
4**	12452.802	42.64	54.0	11.36	AV	230.00	300	Horizontal	Pass
5	16092.766	55.93	74.0	18.07	Peak	130.00	100	Horizontal	Pass
5**	16092.766	46.84	54.0	7.16	AV	130.00	100	Horizontal	Pass
6	17419.984	58.35	74.0	15.65	Peak	244.00	200	Horizontal	Pass
6**	17419.984	45.28	54.0	8.72	AV	244.00	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	1333.945	44.04	74.0	29.96	Peak	23.00	100	Vertical	Pass
1**	1333.945	33.39	54.0	20.61	AV	23.00	100	Vertical	Pass
2	1437.460	42.91	74.0	31.09	Peak	279.00	300	Vertical	Pass
2**	1437.460	38.41	54.0	15.59	AV	279.00	300	Vertical	Pass
3	4312.698	47.86	74.0	26.14	Peak	158.00	200	Vertical	Pass
3**	4312.698	38.39	54.0	15.61	AV	158.00	200	Vertical	Pass
4	7596.801	53.29	74.0	20.71	Peak	170.00	100	Vertical	Pass
4**	7596.801	44.29	54.0	9.71	AV	170.00	100	Vertical	Pass
5	12530.849	52.48	74.0	21.52	Peak	82.00	200	Vertical	Pass
5**	12530.849	42.28	54.0	11.72	AV	82.00	200	Vertical	Pass
6	15902.586	53.77	74.0	20.23	Peak	275.00	400	Vertical	Pass
6**	15902.586	45.66	54.0	8.34	AV	275.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.141	39.56	74.0	34.44	Peak	180.00	400	Horizontal	Pass
1**	1522.141	27.06	54.0	26.94	AV	180.00	400	Horizontal	Pass
2	4019.515	46.87	74.0	27.13	Peak	206.00	100	Horizontal	Pass
2**	4019.515	34.07	54.0	19.93	AV	206.00	100	Horizontal	Pass
3	7601.656	56.17	74.0	17.83	Peak	287.00	200	Horizontal	Pass
3**	7601.656	40.50	54.0	13.50	AV	287.00	200	Horizontal	Pass
4	12452.908	54.39	74.0	19.61	Peak	19.00	100	Horizontal	Pass
4**	12452.908	44.26	54.0	9.74	AV	19.00	100	Horizontal	Pass
5	16098.150	56.10	74.0	17.90	Peak	181.00	400	Horizontal	Pass
5**	16098.150	46.76	54.0	7.24	AV	181.00	400	Horizontal	Pass
6	17417.744	57.33	74.0	16.67	Peak	95.00	100	Horizontal	Pass
6**	17417.744	50.22	54.0	3.78	AV	95.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.284	42.49	74.0	31.51	Peak	303.00	100	Vertical	Pass
1**	1332.284	31.31	54.0	22.69	AV	303.00	100	Vertical	Pass
2	1438.508	39.94	74.0	34.06	Peak	221.00	200	Vertical	Pass
2**	1438.508	35.92	54.0	18.08	AV	221.00	200	Vertical	Pass
3	4308.664	49.64	74.0	24.36	Peak	253.00	200	Vertical	Pass
3**	4308.664	37.46	54.0	16.54	AV	253.00	200	Vertical	Pass
4	7595.106	52.62	74.0	21.38	Peak	353.00	400	Vertical	Pass
4**	7595.106	40.75	54.0	13.25	AV	353.00	400	Vertical	Pass
5	12533.328	51.52	74.0	22.48	Peak	323.00	100	Vertical	Pass
5**	12533.328	41.07	54.0	12.93	AV	323.00	100	Vertical	Pass
6	15902.990	55.79	74.0	18.21	Peak	307.00	300	Vertical	Pass
6**	15902.990	46.58	54.0	7.42	AV	307.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.391	38.70	74.0	35.30	Peak	104.00	100	Horizontal	Pass
1**	1520.391	30.82	54.0	23.18	AV	104.00	100	Horizontal	Pass
2	4018.248	48.57	74.0	25.43	Peak	94.00	200	Horizontal	Pass
2**	4018.248	35.40	54.0	18.60	AV	94.00	200	Horizontal	Pass
3	7594.691	52.49	74.0	21.51	Peak	334.00	200	Horizontal	Pass
3**	7594.691	41.84	54.0	12.16	AV	334.00	200	Horizontal	Pass
4	12457.910	55.69	74.0	18.31	Peak	212.00	300	Horizontal	Pass
4**	12457.910	41.77	54.0	12.23	AV	212.00	300	Horizontal	Pass
5	16095.180	56.06	74.0	17.94	Peak	144.00	200	Horizontal	Pass
5**	16095.180	41.82	54.0	12.18	AV	144.00	200	Horizontal	Pass
6	17419.399	53.24	74.0	20.76	Peak	252.00	100	Horizontal	Pass
6**	17419.399	46.92	54.0	7.08	AV	252.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.921	43.75	74.0	30.25	Peak	51.00	300	Vertical	Pass
1**	1335.921	35.85	54.0	18.15	AV	51.00	300	Vertical	Pass
2	1438.004	40.66	74.0	33.34	Peak	80.00	400	Vertical	Pass
2**	1438.004	34.66	54.0	19.34	AV	80.00	400	Vertical	Pass
3	4308.944	49.44	74.0	24.56	Peak	288.00	200	Vertical	Pass
3**	4308.944	40.27	54.0	13.73	AV	288.00	200	Vertical	Pass
4	7598.005	52.53	74.0	21.47	Peak	125.00	400	Vertical	Pass
4**	7598.005	45.83	54.0	8.17	AV	125.00	400	Vertical	Pass
5	12536.331	55.29	74.0	18.71	Peak	259.00	100	Vertical	Pass
5**	12536.331	42.85	54.0	11.15	AV	259.00	100	Vertical	Pass
6	15908.503	57.18	74.0	16.82	Peak	314.00	400	Vertical	Pass
6**	15908.503	43.70	54.0	10.30	AV	314.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.228	40.13	74.0	33.87	Peak	67.00	300	Horizontal	Pass
1**	1521.228	32.26	54.0	21.74	AV	67.00	300	Horizontal	Pass
2	4023.301	47.86	74.0	26.14	Peak	12.00	400	Horizontal	Pass
2**	4023.301	35.43	54.0	18.57	AV	12.00	400	Horizontal	Pass
3	7595.364	53.22	74.0	20.78	Peak	190.00	200	Horizontal	Pass
3**	7595.364	42.74	54.0	11.26	AV	190.00	200	Horizontal	Pass
4	12459.601	53.28	74.0	20.72	Peak	150.00	300	Horizontal	Pass
4**	12459.601	42.42	54.0	11.58	AV	150.00	300	Horizontal	Pass
5	16096.804	53.60	74.0	20.40	Peak	198.00	200	Horizontal	Pass
5**	16096.804	45.00	54.0	9.00	AV	198.00	200	Horizontal	Pass
6	17418.534	58.59	74.0	15.41	Peak	161.00	200	Horizontal	Pass
6**	17418.534	49.48	54.0	4.52	AV	161.00	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	1337.120	46.18	74.0	27.82	Peak	215.00	200	Vertical	Pass
1**	1337.120	35.56	54.0	18.44	AV	215.00	200	Vertical	Pass
2	1439.982	41.99	74.0	32.01	Peak	16.00	100	Vertical	Pass
2**	1439.982	35.19	54.0	18.81	AV	16.00	100	Vertical	Pass
3	4309.933	46.03	74.0	27.97	Peak	338.00	200	Vertical	Pass
3**	4309.933	37.72	54.0	16.28	AV	338.00	200	Vertical	Pass
4	7590.677	50.28	74.0	23.72	Peak	256.00	100	Vertical	Pass
4**	7590.677	46.13	54.0	7.87	AV	256.00	100	Vertical	Pass
5	12534.967	51.51	74.0	22.49	Peak	199.00	200	Vertical	Pass
5**	12534.967	42.47	54.0	11.53	AV	199.00	200	Vertical	Pass
6	15909.600	56.62	74.0	17.38	Peak	98.00	200	Vertical	Pass
6**	15909.600	43.85	54.0	10.15	AV	98.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	65.41	74.0	8.59	Peak	229.00	200	Horizontal	Pass
1**	5147.833	46.18	54.0	7.82	AV	229.00	200	Horizontal	Pass
2	5150.000	66.47	74.0	7.53	Peak	240.00	150	Horizontal	Pass
2**	5150.000	47.14	54.0	6.86	AV	240.00	150	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.76	74.0	21.24	Peak	65.00	100	Horizontal	Pass
1**	5350.000	42.18	54.0	11.82	AV	65.00	100	Horizontal	Pass
2	5351.283	54.98	74.0	19.02	Peak	85.00	150	Horizontal	Pass
2**	5351.283	42.37	54.0	11.63	AV	85.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	67.20	74.0	6.80	Peak	236.00	150	Horizontal	Pass
1**	5147.833	47.24	54.0	6.76	AV	236.00	150	Horizontal	Pass
2	5150.000	68.03	74.0	5.97	Peak	228.00	150	Horizontal	Pass
2**	5150.000	47.61	54.0	6.39	AV	228.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.67	74.0	21.33	Peak	239.00	100	Horizontal	Pass
1**	5350.000	42.15	54.0	11.85	AV	239.00	100	Horizontal	Pass
2	5372.367	54.52	74.0	19.48	Peak	41.00	200	Horizontal	Pass
2**	5372.367	42.63	54.0	11.37	AV	41.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	68.68	74.0	5.32	Peak	235.00	200	Horizontal	Pass
1**	5148.917	49.64	54.0	4.36	AV	235.00	200	Horizontal	Pass
2	5150.000	70.63	74.0	3.37	Peak	238.00	200	Horizontal	Pass
2**	5150.000	49.81	54.0	4.19	AV	238.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.17	74.0	21.83	Peak	199.00	100	Horizontal	Pass
1**	5350.000	42.20	54.0	11.80	AV	199.00	100	Horizontal	Pass
2	5456.700	54.69	74.0	19.31	Peak	312.00	100	Horizontal	Pass
2**	5456.700	42.84	54.0	11.16	AV	312.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	62.90	74.0	11.10	Peak	234.00	100	Horizontal	Pass
1**	5147.833	47.22	54.0	6.78	AV	234.00	100	Horizontal	Pass
2	5150.000	67.12	74.0	6.88	Peak	243.00	100	Horizontal	Pass
2**	5150.000	47.85	54.0	6.15	AV	243.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.81	74.0	21.19	Peak	10.00	100	Horizontal	Pass
1**	5350.000	42.30	54.0	11.70	AV	10.00	100	Horizontal	Pass
2	5439.834	54.54	74.0	19.46	Peak	25.00	150	Horizontal	Pass
2**	5439.834	42.49	54.0	11.51	AV	25.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	67.67	74.0	6.33	Peak	236.00	200	Horizontal	Pass
1**	5146.750	49.85	54.0	4.15	AV	236.00	200	Horizontal	Pass
2	5150.000	66.06	74.0	7.94	Peak	236.00	150	Horizontal	Pass
2**	5150.000	50.10	54.0	3.90	AV	236.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.42	74.0	21.58	Peak	0.00	200	Horizontal	Pass
1**	5350.000	42.27	54.0	11.73	AV	0.00	200	Horizontal	Pass
2	5378.783	54.56	74.0	19.44	Peak	174.00	100	Horizontal	Pass
2**	5378.783	42.47	54.0	11.53	AV	174.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	65.24	74.0	8.76	Peak	239.00	150	Horizontal	Pass
1**	5146.750	50.19	54.0	3.81	AV	239.00	150	Horizontal	Pass
2	5150.000	65.32	74.0	8.68	Peak	236.00	200	Horizontal	Pass
2**	5150.000	50.70	54.0	3.30	AV	236.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.61	74.0	21.39	Peak	71.00	150	Horizontal	Pass
1**	5350.000	42.44	54.0	11.56	AV	71.00	150	Horizontal	Pass
2	5351.467	54.58	74.0	19.42	Peak	239.00	150	Horizontal	Pass
2**	5351.467	42.36	54.0	11.64	AV	239.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5138.083	54.31	74.0	19.69	Peak	143.00	200	Horizontal	Pass
1**	5138.083	42.82	54.0	11.18	AV	143.00	200	Horizontal	Pass
2	5150.000	52.63	74.0	21.37	Peak	255.00	200	Horizontal	Pass
2**	5150.000	42.68	54.0	11.32	AV	255.00	200	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.30	74.0	11.70	Peak	73.00	100	Horizontal	Pass
1**	5350.000	44.49	54.0	9.51	AV	73.00	100	Horizontal	Pass
2	5350.733	62.33	74.0	11.67	Peak	84.00	150	Horizontal	Pass
2**	5350.733	44.10	54.0	9.90	AV	84.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.334	54.54	74.0	19.46	Peak	213.00	200	Horizontal	Pass
1**	5141.334	42.89	54.0	11.11	AV	213.00	200	Horizontal	Pass
2	5150.000	54.04	74.0	19.96	Peak	49.00	100	Horizontal	Pass
2**	5150.000	42.64	54.0	11.36	AV	49.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.24	74.0	11.76	Peak	77.00	200	Horizontal	Pass
1**	5350.000	44.49	54.0	9.51	AV	77.00	200	Horizontal	Pass
2	5350.183	61.08	74.0	12.92	Peak	73.00	100	Horizontal	Pass
2**	5350.183	44.12	54.0	9.88	AV	73.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5083.916	54.29	74.0	19.71	Peak	305.00	100	Horizontal	Pass
1**	5083.916	42.63	54.0	11.37	AV	305.00	100	Horizontal	Pass
2	5150.000	53.41	74.0	20.59	Peak	0.00	200	Horizontal	Pass
2**	5150.000	42.91	54.0	11.09	AV	0.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5105.584	54.59	74.0	19.41	Peak	105.00	100	Horizontal	Pass
1**	5105.584	42.71	54.0	11.29	AV	105.00	100	Horizontal	Pass
2	5150.000	52.92	74.0	21.08	Peak	188.00	200	Horizontal	Pass
2**	5150.000	42.77	54.0	11.23	AV	188.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	59.98	74.0	14.02	Peak	244.00	200	Horizontal	Pass
1**	5148.917	46.02	54.0	7.98	AV	244.00	200	Horizontal	Pass
2	5150.000	58.11	74.0	15.89	Peak	234.00	200	Horizontal	Pass
2**	5150.000	46.28	54.0	7.72	AV	234.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.67	74.0	15.33	Peak	86.00	150	Horizontal	Pass
1**	5350.000	44.49	54.0	9.51	AV	86.00	150	Horizontal	Pass
2	5353.483	61.58	74.0	12.42	Peak	68.00	150	Horizontal	Pass
2**	5353.483	43.50	54.0	10.50	AV	68.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.334	54.95	74.0	19.05	Peak	360.00	150	Horizontal	Pass
1**	5076.334	42.65	54.0	11.35	AV	360.00	150	Horizontal	Pass
2	5150.000	53.06	74.0	20.94	Peak	244.00	200	Horizontal	Pass
2**	5150.000	42.65	54.0	11.35	AV	244.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.10	74.0	6.90	Peak	72.00	100	Horizontal	Pass
1**	5350.000	50.99	54.0	3.01	AV	72.00	100	Horizontal	Pass
2	5353.667	69.35	74.0	4.65	Peak	69.00	150	Horizontal	Pass
2**	5353.667	48.69	54.0	5.31	AV	69.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	60.86	74.0	13.14	Peak	236.00	200	Horizontal	Pass
1**	5145.667	44.10	54.0	9.90	AV	236.00	200	Horizontal	Pass
2	5150.000	56.80	74.0	17.20	Peak	233.00	200	Horizontal	Pass
2**	5150.000	44.14	54.0	9.86	AV	233.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.03	74.0	8.97	Peak	64.00	200	Horizontal	Pass
1**	5350.000	50.96	54.0	3.04	AV	64.00	200	Horizontal	Pass
2	5358.617	68.62	74.0	5.38	Peak	67.00	200	Horizontal	Pass
2**	5358.617	50.48	54.0	3.52	AV	67.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.666	56.52	74.0	17.48	Peak	60.00	100	Horizontal	Pass
1**	5459.666	44.03	54.0	9.97	AV	60.00	100	Horizontal	Pass
2	5460.000	58.04	74.0	15.96	Peak	71.00	100	Horizontal	Pass
2**	5460.000	44.19	54.0	9.81	AV	71.00	100	Horizontal	Pass
3	5469.167	63.73	68.2	4.47	Peak	79.00	150	Horizontal	Pass
3**	5469.167	45.62	--	--	AV	79.00	150	Horizontal	N/A
4	5469.834	62.20	68.2	6.00	Peak	77.00	200	Horizontal	Pass
4**	5469.834	45.50	--	--	AV	77.00	200	Horizontal	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.03	68.2	9.17	Peak	49.00	150	Horizontal	Pass
2	5725.167	63.57	68.2	4.63	Peak	85.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.500	58.32	74.0	15.68	Peak	78.00	200	Horizontal	Pass
1**	5458.500	44.13	54.0	9.87	AV	78.00	200	Horizontal	Pass
2	5460.000	57.64	74.0	16.36	Peak	61.00	200	Horizontal	Pass
2**	5460.000	44.13	54.0	9.87	AV	61.00	200	Horizontal	Pass
3	5469.834	64.71	68.2	3.49	Peak	78.00	100	Horizontal	Pass
3**	5469.834	45.80	--	--	AV	78.00	100	Horizontal	N/A
4	5469.834	64.71	68.2	3.49	Peak	78.00	100	Horizontal	Pass
4**	5469.834	45.80	--	--	AV	78.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.19	68.2	8.01	Peak	58.00	200	Horizontal	Pass
2	5725.500	65.18	68.2	3.02	Peak	60.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.000	55.84	74.0	18.16	Peak	69.00	150	Horizontal	Pass
1**	5459.000	44.44	54.0	9.56	AV	69.00	150	Horizontal	Pass
2	5460.000	54.40	74.0	19.60	Peak	84.00	150	Horizontal	Pass
2**	5460.000	44.44	54.0	9.56	AV	84.00	150	Horizontal	Pass
3	5469.500	65.15	68.2	3.05	Peak	79.00	150	Horizontal	Pass
3**	5469.500	47.12	--	--	AV	79.00	150	Horizontal	N/A
4	5469.834	64.95	68.2	3.25	Peak	72.00	150	Horizontal	Pass
4**	5469.834	46.47	--	--	AV	72.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.96	68.2	7.24	Peak	54.00	200	Horizontal	Pass
2	5730.000	62.73	68.2	5.47	Peak	58.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.500	56.37	74.0	17.63	Peak	72.00	150	Horizontal	Pass
1**	5459.500	44.23	54.0	9.77	AV	72.00	150	Horizontal	Pass
2	5460.000	56.79	74.0	17.21	Peak	77.00	200	Horizontal	Pass
2**	5460.000	44.24	54.0	9.76	AV	77.00	200	Horizontal	Pass
3	5469.167	63.16	68.2	5.04	Peak	81.00	150	Horizontal	Pass
3**	5469.167	45.62	--	--	AV	81.00	150	Horizontal	N/A
4	5469.834	60.39	68.2	7.81	Peak	67.00	150	Horizontal	Pass
4**	5469.834	46.16	--	--	AV	67.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.35	68.2	6.85	Peak	54.00	200	Horizontal	Pass
2	5725.167	64.17	68.2	4.03	Peak	246.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.666	57.51	74.0	16.49	Peak	69.00	150	Horizontal	Pass
1**	5458.666	44.16	54.0	9.84	AV	69.00	150	Horizontal	Pass
2	5460.000	56.75	74.0	17.25	Peak	75.00	200	Horizontal	Pass
2**	5460.000	44.39	54.0	9.61	AV	75.00	200	Horizontal	Pass
3	5468.833	64.62	68.2	3.58	Peak	86.00	100	Horizontal	Pass
3**	5468.833	46.40	--	--	AV	86.00	100	Horizontal	N/A
4	5469.834	60.91	68.2	7.29	Peak	69.00	150	Horizontal	Pass
4**	5469.834	46.41	--	--	AV	69.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.49	68.2	7.71	Peak	84.00	150	Horizontal	Pass
2	5726.333	62.96	68.2	5.24	Peak	247.00	100	Horizontal	Pass

U-NII-2C 11ac80 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.834	64.66	74.0	9.34	Peak	85.00	200	Horizontal	Pass
1**	5455.834	48.32	54.0	5.68	AV	85.00	200	Horizontal	Pass
2	5460.000	58.99	74.0	15.01	Peak	69.00	100	Horizontal	Pass
2**	5460.000	48.23	54.0	5.77	AV	69.00	100	Horizontal	Pass
3	5466.334	65.11	68.2	3.09	Peak	78.00	100	Horizontal	Pass
3**	5466.334	49.71	--	--	AV	78.00	100	Horizontal	N/A
4	5469.834	63.15	68.2	5.05	Peak	58.00	200	Horizontal	Pass
4**	5469.834	49.95	--	--	AV	58.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.35	68.2	7.85	Peak	58.00	200	Horizontal	Pass
2	5725.834	61.94	68.2	6.26	Peak	77.00	200	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.500	54.88	68.2	13.32	Peak	135.00	100	Horizontal	Pass
2	5650.000	53.98	68.2	14.22	Peak	1.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.35	68.3	14.95	Peak	40.00	200	Horizontal	Pass
2	5942.000	55.44	68.2	12.76	Peak	52.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.333	55.14	68.2	13.06	Peak	32.00	100	Horizontal	Pass
2	5650.000	53.50	68.2	14.70	Peak	5.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.71	68.3	14.59	Peak	92.00	150	Horizontal	Pass
2	5934.333	54.83	68.2	13.37	Peak	58.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.166	55.67	68.2	12.53	Peak	207.00	100	Horizontal	Pass
2	5650.000	53.29	68.2	14.91	Peak	136.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.78	68.3	14.52	Peak	351.00	100	Horizontal	Pass
2	5941.834	54.86	68.2	13.34	Peak	299.00	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	5644.000	54.93	68.2	13.27	Peak	354.00	200	Horizontal	Pass
2	5650.000	53.42	68.2	14.78	Peak	147.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.14	68.3	15.16	Peak	113.00	150	Horizontal	Pass
2	5946.000	54.69	68.2	13.51	Peak	120.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.167	55.64	68.2	12.56	Peak	72.00	200	Horizontal	Pass
2	5650.000	53.28	68.2	14.92	Peak	239.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.87	68.3	14.43	Peak	141.00	150	Horizontal	Pass
2	5942.000	54.84	68.2	13.36	Peak	341.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.500	59.60	68.2	8.60	Peak	97.00	150	Horizontal	Pass
2	5650.000	56.10	68.2	12.10	Peak	61.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.41	68.3	14.89	Peak	354.00	150	Horizontal	Pass
2	5946.833	55.16	68.2	13.04	Peak	94.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2580344-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2580344-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2580344-AI.PDF”.

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