

TEST REPORT

Applicant: REOLINK TECHNOLOGY PTE. LTD.
Address: 31 KAKI BUKIT ROAD 3, #06-02, TECHLINK,
SINGAPORE 417818
Equipment Type: WiFi module
Model Name: WL1NM1001
Brand Name: Reolink
FCC ID: 2BN5S-2503H
ISED Number: 33667-2503H
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Apr. 22, 2025
Test Date: May 08, 2025 - May 14, 2025
Date of Issue: Jun. 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>Jun. 17, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. 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	REOLINK TECHNOLOGY PTE. LTD.
Address	31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818

2.2 Manufacturer Information

Manufacturer	REOLINK TECHNOLOGY PTE. LTD.
Address	31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi module
Model Name Under Test	WL1NM1001
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	952700Y006OCBLOR
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
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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, OFDMA	
Modulation Type	1024QAM, 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 802.11ax up to 1201 Mbps	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz 802.11ac: 20 MHz 802.11ax: 20 MHz	
Maximum Output Power	U-NII-1: 40.17 mW U-NII-2A: 40.35 mW U-NII-2C: 38.71 mW U-NII-3: 40.45 mW	
Antenna System (eg., MIMO, Smart Antenna)	N/A	
Categorization as Correlated or Completely Uncorrelated	N/A	
Antenna Type	ANT1	FPC Antenna
	ANT2	Dipole Antenna
	ANT3	Dipole Antenna
	ANT4	Dipole Antenna
	ANT5	Dipole Antenna
Antenna Gain	ANT1	U-NII-1: 5150 MHz to 5250 MHz: 2.5 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.3 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.8 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.5 dBi
	ANT2	U-NII-1: 5150 MHz to 5250 MHz: 2.02 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.32 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.19 dBi

		U-NII-3: 5725 MHz to 5850 MHz: 2.19 dBi
	ANT3	U-NII-1: 5150 MHz to 5250 MHz: 3.42 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.4 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.31 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.79 dBi
	ANT4	U-NII-1: 5150 MHz to 5250 MHz: 3.17 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.92 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.64 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.46 dBi
	ANT5	U-NII-1: 5150 MHz to 5250 MHz: 3.75 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.5 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.78 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.29 dBi
About the Product		The equipment is WiFi module, intended for used with information technology equipment.

Antenna Information:

Serial Number	Antenna Name	Antenna Manufacturer	Model	Antenna Type
ANT1	Argus 4 Pro Argus 4	SHENZHEN LINRONG TECHNOLOGY CO., LTD	03.10.03.003	FPC Antenna
ANT2	Argus PT Ultra@Reolink Argus PT	SHENZHENYINGJIACHUANG ELECTRONIC TECHNOLOGY CO. LTD.	54.07.001.0147	Dipole Antenna
ANT3	Reolink Altas PT Ultra	Shenzhen Be-Comfortable Technology Co. Ltd	53.05.004.0014	Dipole Antenna
ANT4	Reolink Altas	SHENZHEN LINRONG TECHNOLOGY CO., LTD	03.14.03.001	Dipole Antenna
ANT5	Reolink TrackMix	Shenzhen Be-Comfortable Technology Co. Ltd	62.04.042.0055	Dipole Antenna
Note: All antenna model are alternative antenna, the max gain antenna is chosen for all test.				

802.11ax RU configuration table				
Mode	Full RU (SU)	RU_26	RU_52	RU_106
802.11ax20	√	--	--	--

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	
Channel Number	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240
52	5260
56	5280
60	5300
64	5320
100	5500
104	5520
108	5540
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

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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)/ax(HE20)

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

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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149

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 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
6	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

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}

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

Note ²: 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.

Note ³: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	49% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.6℃ to +25.1℃
Working Voltage of the EUT	NV (Normal Voltage)	5V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	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℃
Humidity	4%

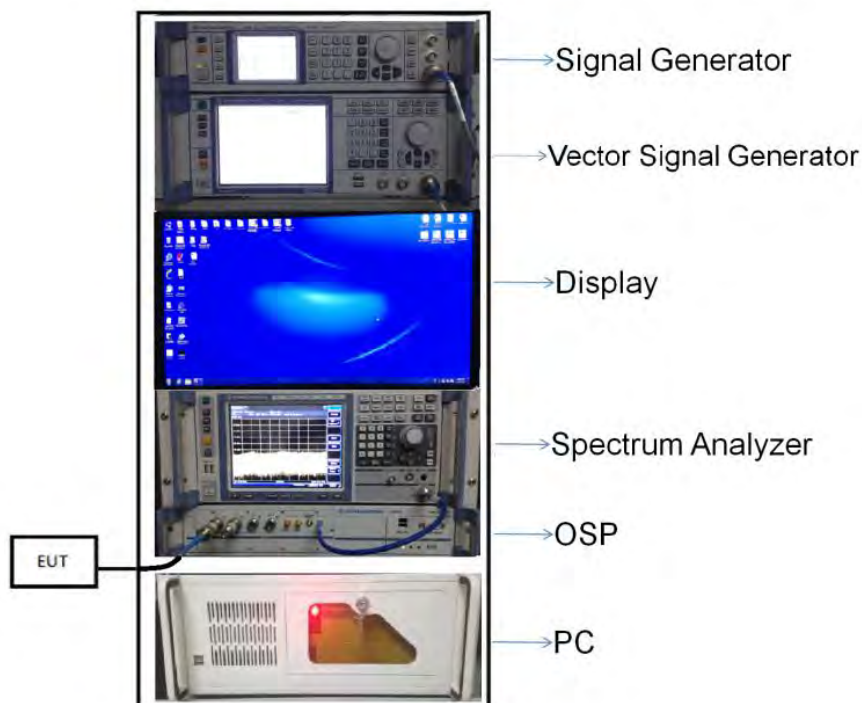
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

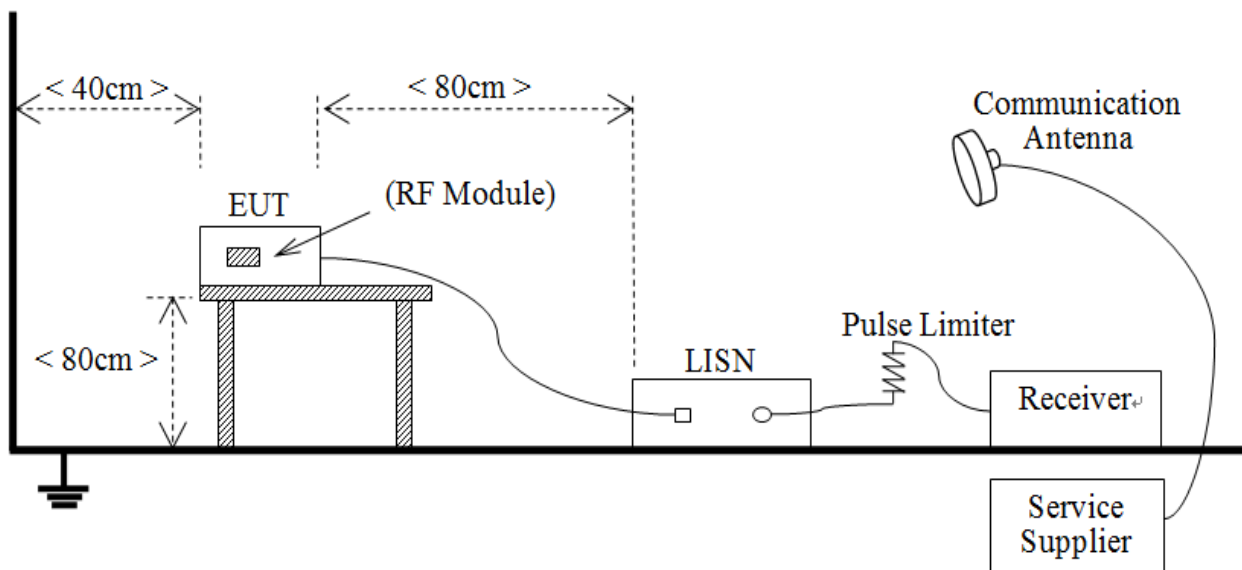
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



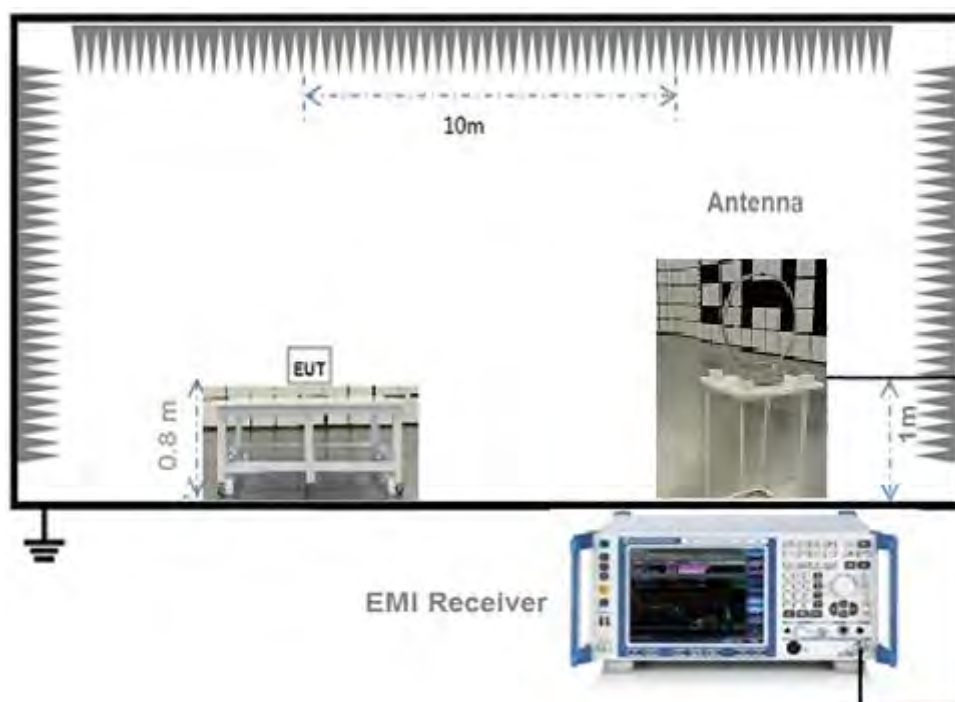
(Diagram 1)

4.5.2 For AC Power Supply Port Test



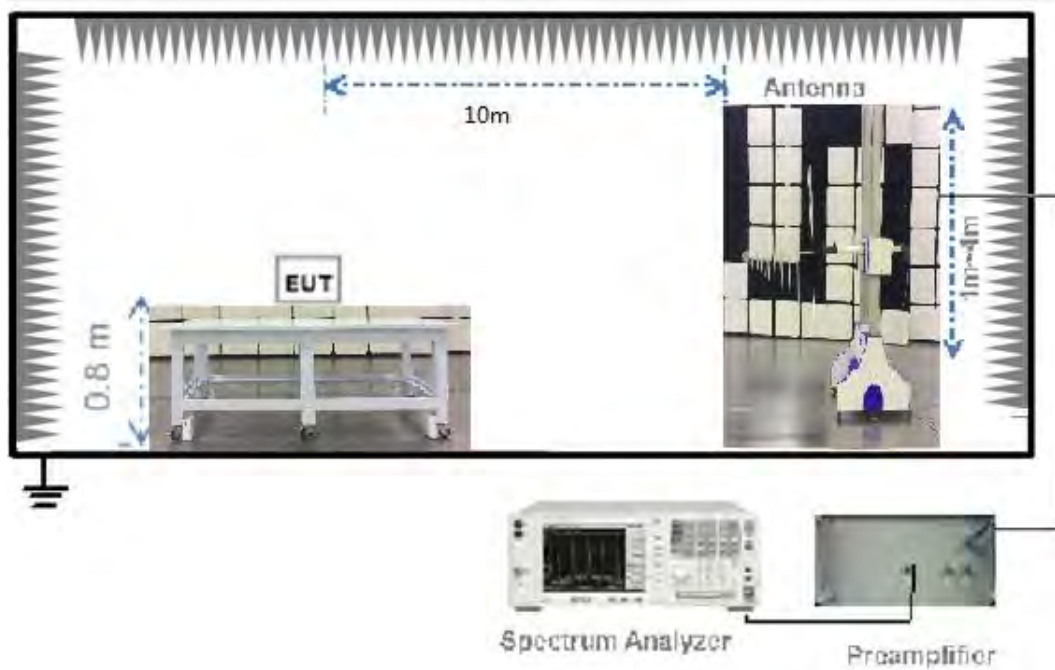
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



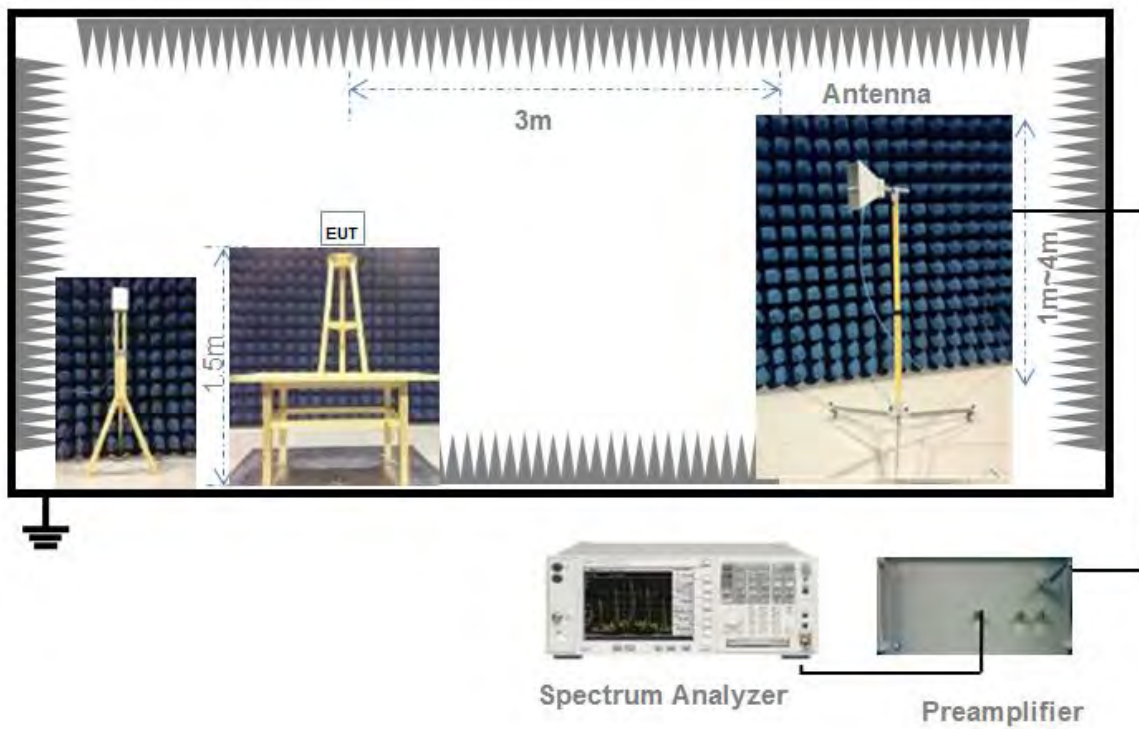
(Diagram 3)

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.	

RSS-247, 6.2

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 C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), 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

RSS-247, 6.2

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 C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, 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)

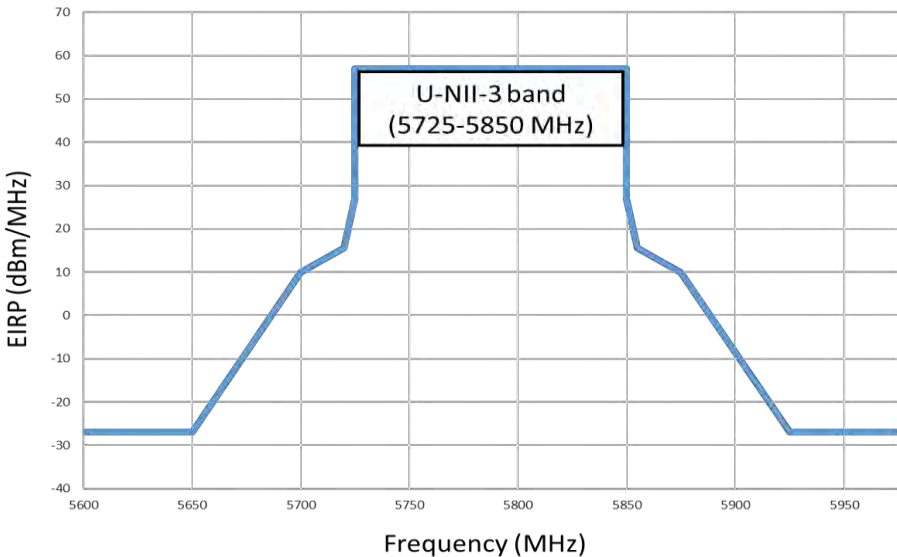
5.5.1 Limit

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.

Note ³: All antenna were pre tested, but only the worst case has been reported in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.71	81.16%	0.91
11n(HT20)/11ac(VHT20)	1.31	1.64	80.05%	0.97
11ax(HE20)	1.01	1.34	75.88%	1.20

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.59	36.20	250	Pass
11a	CH44	15.75	37.56	250	Pass
11a	CH48	15.90	38.88	250	Pass
11n(HT20)	CH36	15.52	35.62	250	Pass
11n(HT20)	CH44	15.70	37.12	250	Pass
11n(HT20)	CH48	15.77	37.73	250	Pass
11ac(VHT20)	CH36	15.61	36.36	250	Pass
11ac(VHT20)	CH44	15.68	36.95	250	Pass
11ac(VHT20)	CH48	15.79	37.90	250	Pass
11ax(HE20)(SU)	CH36	15.78	37.83	250	Pass
11ax(HE20)(SU)	CH44	15.99	39.71	250	Pass
11ax(HE20)(SU)	CH48	16.04	40.17	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	15.65	36.70	247	208	Pass
11a	CH60	15.85	38.43	249	208	Pass
11a	CH64	15.66	36.79	247	208	Pass
11n(HT20)	CH52	15.56	35.95	250	221	Pass
11n(HT20)	CH60	15.84	38.34	250	221	Pass
11n(HT20)	CH64	15.56	35.95	250	221	Pass
11ac(VHT20)	CH52	15.54	35.78	250	221	Pass
11ac(VHT20)	CH60	15.87	38.61	250	221	Pass
11ac(VHT20)	CH64	15.55	35.86	250	221	Pass
11ax(HE20)(SU)	CH52	15.73	37.40	250	237	Pass
11ax(HE20)(SU)	CH60	16.06	40.35	250	237	Pass
11ax(HE20)(SU)	CH64	15.76	37.66	250	237	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	15.71	37.21	247	208	Pass
11a	CH116	15.71	37.21	247	208	Pass
11a	CH140	15.76	37.64	249	208	Pass
11n(HT20)	CH100	15.65	36.70	250	221	Pass
11n(HT20)	CH116	15.61	36.36	250	221	Pass
11n(HT20)	CH140	15.63	36.53	250	221	Pass
11ac(VHT20)	CH100	15.62	36.45	250	221	Pass
11ac(VHT20)	CH116	15.57	36.03	250	221	Pass
11ac(VHT20)	CH140	15.63	36.53	250	221	Pass
11ax(HE20)(SU)	CH100	15.86	38.54	250	237	Pass
11ax(HE20)(SU)	CH116	15.78	37.83	250	237	Pass
11ax(HE20)(SU)	CH140	15.88	38.71	250	237	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH149	15.85	38.43	1000	1000	Pass
11a	CH157	15.07	32.11	1000	1000	Pass
11a	CH165	15.33	34.09	1000	1000	Pass
11n(HT20)	CH149	15.77	37.73	1000	1000	Pass
11n(HT20)	CH157	15.88	38.69	1000	1000	Pass
11n(HT20)	CH165	15.15	32.71	1000	1000	Pass
11ac(VHT20)	CH149	15.75	37.55	1000	1000	Pass
11ac(VHT20)	CH157	15.87	38.61	1000	1000	Pass
11ac(VHT20)	CH165	15.16	32.78	1000	1000	Pass
11ax(HE20)(SU)	CH149	15.97	39.52	1000	1000	Pass
11ax(HE20)(SU)	CH157	16.07	40.45	1000	1000	Pass
11ax(HE20)(SU)	CH165	15.37	34.42	1000	1000	Pass

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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	19.34	85.84	165	Pass
11a	CH44	19.50	89.06	165	Pass
11a	CH48	19.65	92.19	165	Pass
11n(HT20)	CH36	19.27	84.46	176	Pass
11n(HT20)	CH44	19.45	88.03	176	Pass
11n(HT20)	CH48	19.52	89.46	176	Pass
11ac(VHT20)	CH36	19.36	86.23	176	Pass
11ac(VHT20)	CH44	19.43	87.63	176	Pass
11ac(VHT20)	CH48	19.54	89.88	176	Pass
11ax(HE20)(SU)	CH36	19.53	89.72	188	Pass
11ax(HE20)(SU)	CH44	19.74	94.16	188	Pass
11ax(HE20)(SU)	CH48	19.79	95.25	188	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	20.15	103.44	829	Pass
11a	CH60	20.35	108.31	828	Pass
11a	CH64	20.16	103.68	828	Pass
11n(HT20)	CH52	20.06	101.31	880	Pass
11n(HT20)	CH60	20.34	108.06	880	Pass
11n(HT20)	CH64	20.06	101.31	880	Pass
11ac(VHT20)	CH52	20.04	100.84	880	Pass
11ac(VHT20)	CH60	20.37	108.80	880	Pass
11ac(VHT20)	CH64	20.05	101.08	880	Pass
11ax(HE20)(SU)	CH52	20.23	105.41	942	Pass
11ax(HE20)(SU)	CH60	20.56	113.73	943	Pass
11ax(HE20)(SU)	CH64	20.26	106.14	943	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	19.49	88.86	828	Pass
11a	CH116	19.49	88.86	828	Pass
11a	CH140	19.54	89.88	828	Pass
11n(HT20)	CH100	19.43	87.63	879	Pass
11n(HT20)	CH116	19.39	86.83	880	Pass
11n(HT20)	CH140	19.41	87.23	879	Pass
11ac(VHT20)	CH100	19.40	87.03	880	Pass
11ac(VHT20)	CH116	19.35	86.03	879	Pass
11ac(VHT20)	CH140	19.41	87.23	880	Pass
11ax(HE20)(SU)	CH100	19.64	92.02	942	Pass
11ax(HE20)(SU)	CH116	19.56	90.34	943	Pass
11ax(HE20)(SU)	CH140	19.66	92.44	942	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	20.14	103.20	Pass
11a	CH157	19.36	86.24	Pass
11a	CH165	19.62	91.56	Pass
11n(HT20)	CH149	20.06	101.31	Pass
11n(HT20)	CH157	20.17	103.91	Pass
11n(HT20)	CH165	19.44	87.83	Pass
11ac(VHT20)	CH149	20.04	100.84	Pass
11ac(VHT20)	CH157	20.16	103.67	Pass
11ac(VHT20)	CH165	19.45	88.03	Pass
11ax(HE20)(SU)	CH149	20.26	106.14	Pass
11ax(HE20)(SU)	CH157	20.36	108.61	Pass
11ax(HE20)(SU)	CH165	19.66	92.44	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2541261-603 Data Part 1.pdf”.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

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U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.60	16.53
11a	CH44	19.72	16.54
11a	CH48	19.62	16.52
11n(HT20)	CH36	20.13	17.56
11n(HT20)	CH44	20.10	17.56
11n(HT20)	CH48	20.07	17.55
11ac(VHT20)	CH36	20.13	17.57
11ac(VHT20)	CH44	20.10	17.55
11ac(VHT20)	CH48	20.08	17.56
11ax(HE20)(SU)	CH36	20.94	18.82
11ax(HE20)(SU)	CH44	20.90	18.82
11ax(HE20)(SU)	CH48	20.90	18.81

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	19.65	16.53
11a	CH60	19.80	16.53
11a	CH64	19.65	16.51
11n(HT20)	CH52	20.09	17.57
11n(HT20)	CH60	20.13	17.56
11n(HT20)	CH64	20.08	17.55
11ac(VHT20)	CH52	20.12	17.56
11ac(VHT20)	CH60	20.11	17.57
11ac(VHT20)	CH64	20.10	17.57
11ax(HE20)(SU)	CH52	20.87	18.80
11ax(HE20)(SU)	CH60	20.96	18.81
11ax(HE20)(SU)	CH64	20.81	18.82

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	19.65	16.52
11a	CH116	19.65	16.52
11a	CH140	19.76	16.53
11n(HT20)	CH100	20.14	17.55
11n(HT20)	CH116	20.08	17.55
11n(HT20)	CH140	20.05	17.55
11ac(VHT20)	CH100	20.11	17.56
11ac(VHT20)	CH116	20.15	17.55
11ac(VHT20)	CH140	20.06	17.55
11ax(HE20)(SU)	CH100	20.87	18.81
11ax(HE20)(SU)	CH116	20.86	18.82
11ax(HE20)(SU)	CH140	20.92	18.80

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.80	16.53
11a	CH157	19.74	16.53
11a	CH165	19.73	16.53
11n(HT20)	CH149	20.07	17.56
11n(HT20)	CH157	20.05	17.56
11n(HT20)	CH165	20.09	17.56
11ac(VHT20)	CH149	20.13	17.56
11ac(VHT20)	CH157	20.04	17.56
11ac(VHT20)	CH165	20.09	17.56
11ax(HE20)(SU)	CH149	20.68	18.80
11ax(HE20)(SU)	CH157	20.82	18.82
11ax(HE20)(SU)	CH165	20.82	18.81

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2541261-603 Data Part 2.pdf”.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

ANT5

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.80	500.00	Pass
11a	CH157	14.60	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	14.30	500.00	Pass
11n(HT20)	CH165	15.60	500.00	Pass
11ac(VHT20)	CH149	15.20	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.40	500.00	Pass
11ax(HE20)(SU)	CH149	18.60	500.00	Pass
11ax(HE20)(SU)	CH157	18.50	500.00	Pass
11ax(HE20)(SU)	CH165	18.50	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document “Annex No.: BL-SZ2541261-603 Data Part 3.pdf”.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

ANT5

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	4.18	11.00	Pass
11a	CH44	4.31	11.00	Pass
11a	CH48	4.43	11.00	Pass
11n(HT20)	CH36	3.68	11.00	Pass
11n(HT20)	CH44	3.90	11.00	Pass
11n(HT20)	CH48	3.90	11.00	Pass
11ac(VHT20)	CH36	3.81	11.00	Pass
11ac(VHT20)	CH44	4.19	11.00	Pass
11ac(VHT20)	CH48	3.91	11.00	Pass
11ax(HE20)(SU)	CH36	3.31	11.00	Pass
11ax(HE20)(SU)	CH44	3.53	11.00	Pass
11ax(HE20)(SU)	CH48	3.72	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	4.40	11.00	11.00	Pass
11a	CH60	4.54	11.00	11.00	Pass
11a	CH64	4.25	11.00	11.00	Pass
11n(HT20)	CH52	3.70	11.00	11.00	Pass
11n(HT20)	CH60	4.10	11.00	11.00	Pass
11n(HT20)	CH64	3.82	11.00	11.00	Pass
11ac(VHT20)	CH52	3.93	11.00	11.00	Pass
11ac(VHT20)	CH60	4.15	11.00	11.00	Pass
11ac(VHT20)	CH64	3.82	11.00	11.00	Pass
11ax(HE20)(SU)	CH52	3.47	11.00	11.00	Pass
11ax(HE20)(SU)	CH60	3.86	11.00	11.00	Pass
11ax(HE20)(SU)	CH64	3.53	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	4.24	11.00	11.00	Pass
11a	CH116	4.11	11.00	11.00	Pass
11a	CH140	4.19	11.00	11.00	Pass
11n(HT20)	CH100	3.86	11.00	11.00	Pass
11n(HT20)	CH116	3.81	11.00	11.00	Pass
11n(HT20)	CH140	3.87	11.00	11.00	Pass
11ac(VHT20)	CH100	3.95	11.00	11.00	Pass
11ac(VHT20)	CH116	3.78	11.00	11.00	Pass
11ac(VHT20)	CH140	3.92	11.00	11.00	Pass
11ax(HE20)(SU)	CH100	3.36	11.00	11.00	Pass
11ax(HE20)(SU)	CH116	3.35	11.00	11.00	Pass
11ax(HE20)(SU)	CH140	3.45	11.00	11.00	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	IC Limit (dBm/500kHz)	Verdict
11a	CH149	1.51	30.00	30.00	Pass
11a	CH157	0.98	30.00	30.00	Pass
11a	CH165	1.15	30.00	30.00	Pass
11n(HT20)	CH149	1.30	30.00	30.00	Pass
11n(HT20)	CH157	1.35	30.00	30.00	Pass
11n(HT20)	CH165	0.73	30.00	30.00	Pass
11ac(VHT20)	CH149	1.29	30.00	30.00	Pass
11ac(VHT20)	CH157	1.44	30.00	30.00	Pass
11ac(VHT20)	CH165	0.86	30.00	30.00	Pass
11ax(HE20)(SU)	CH149	0.93	30.00	30.00	Pass
11ax(HE20)(SU)	CH157	0.87	30.00	30.00	Pass
11ax(HE20)(SU)	CH165	0.19	30.00	30.00	Pass

E.I.R.P PSD

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	7.93	10.00	Pass
11a	CH44	8.06	10.00	Pass
11a	CH48	8.18	10.00	Pass
11n(HT20)	CH36	7.43	10.00	Pass
11n(HT20)	CH44	7.65	10.00	Pass
11n(HT20)	CH48	7.65	10.00	Pass
11ac(VHT20)	CH36	7.56	10.00	Pass
11ac(VHT20)	CH44	7.94	10.00	Pass
11ac(VHT20)	CH48	7.66	10.00	Pass
11ax(HE20)(SU)	CH36	7.06	10.00	Pass
11ax(HE20)(SU)	CH44	7.28	10.00	Pass
11ax(HE20)(SU)	CH48	7.47	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	8.90	Pass
11a	CH60	9.04	Pass
11a	CH64	8.75	Pass
11n(HT20)	CH52	8.20	Pass
11n(HT20)	CH60	8.60	Pass
11n(HT20)	CH64	8.32	Pass
11ac(VHT20)	CH52	8.43	Pass
11ac(VHT20)	CH60	8.65	Pass
11ac(VHT20)	CH64	8.32	Pass
11ax(HE20)(SU)	CH52	7.97	Pass
11ax(HE20)(SU)	CH60	8.36	Pass
11ax(HE20)(SU)	CH64	8.03	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	8.02	Pass
11a	CH116	7.89	Pass
11a	CH140	7.97	Pass
11n(HT20)	CH100	7.64	Pass
11n(HT20)	CH116	7.59	Pass
11n(HT20)	CH140	7.65	Pass
11ac(VHT20)	CH100	7.73	Pass
11ac(VHT20)	CH116	7.56	Pass
11ac(VHT20)	CH140	7.70	Pass
11ax(HE20)(SU)	CH100	7.14	Pass
11ax(HE20)(SU)	CH116	7.13	Pass
11ax(HE20)(SU)	CH140	7.23	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH149	5.80	Pass
11a	CH157	5.27	Pass
11a	CH165	5.44	Pass
11n(HT20)	CH149	5.59	Pass
11n(HT20)	CH157	5.64	Pass
11n(HT20)	CH165	5.02	Pass
11ac(VHT20)	CH149	5.58	Pass
11ac(VHT20)	CH157	5.73	Pass
11ac(VHT20)	CH165	5.15	Pass
11ax(HE20)(SU)	CH149	5.22	Pass
11ax(HE20)(SU)	CH157	5.16	Pass
11ax(HE20)(SU)	CH165	4.48	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.

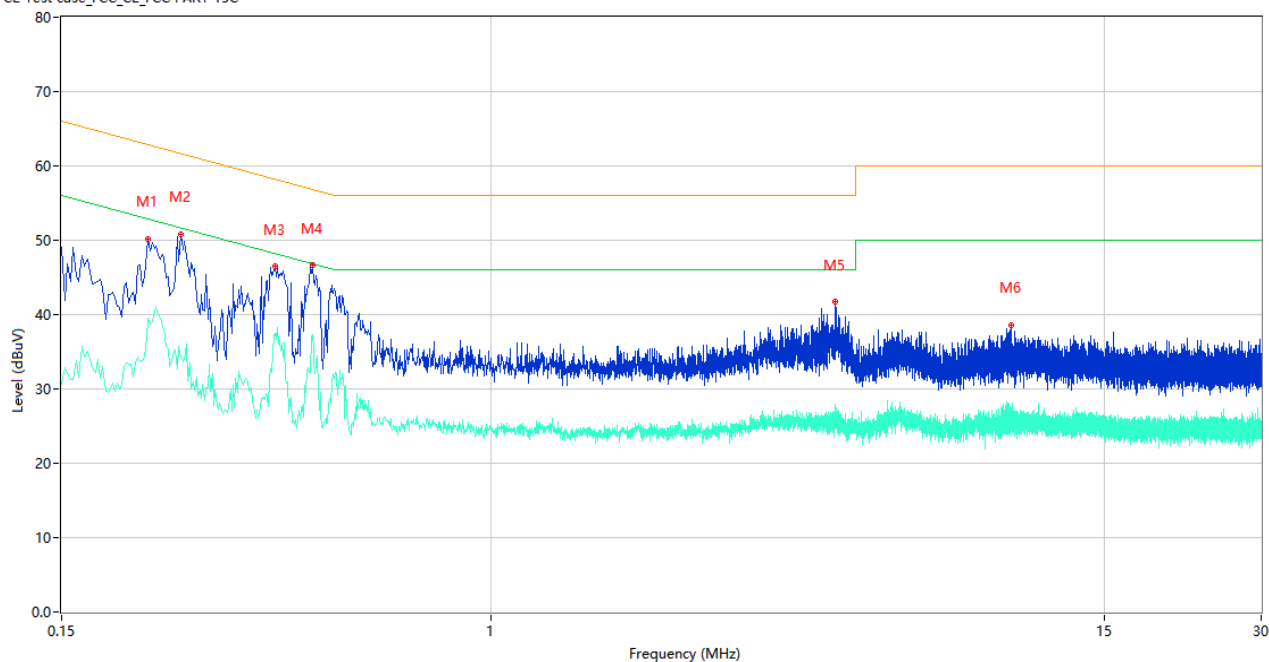
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

ANT5

PHASE L

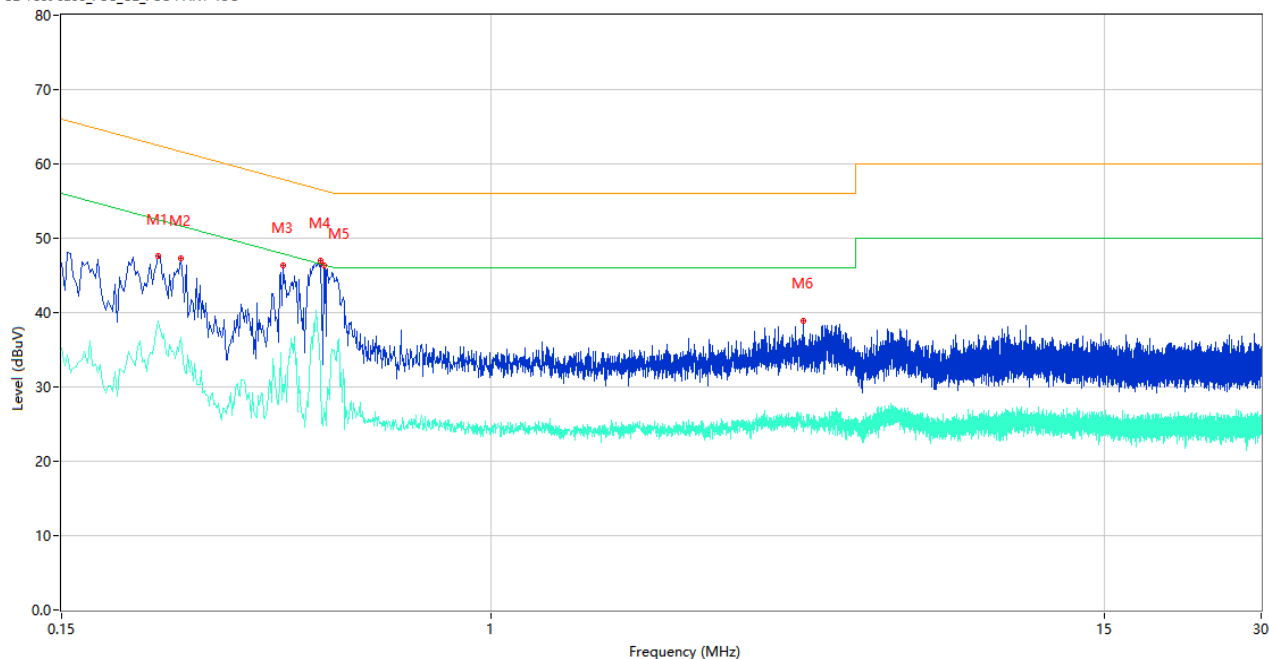
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.220	50.17	9.83	62.82	12.65	Peak	L	Pass
1**	0.220	39.57	9.83	52.82	13.25	AV	L	Pass
2	0.254	50.79	9.82	61.63	10.84	Peak	L	Pass
2**	0.254	34.52	9.82	51.63	17.11	AV	L	Pass
3	0.386	46.50	10.65	58.15	11.65	Peak	L	Pass
3**	0.386	37.53	10.65	48.15	10.62	AV	L	Pass
4	0.454	46.59	10.05	56.80	10.21	Peak	L	Pass
4**	0.454	37.36	10.05	46.80	9.44	AV	L	Pass
5	4.572	41.71	10.51	56.00	14.29	Peak	L	Pass
5**	4.572	26.73	10.51	46.00	19.27	AV	L	Pass
6	9.946	38.64	10.59	60.00	21.36	Peak	L	Pass
6**	9.946	27.52	10.59	50.00	22.48	AV	L	Pass

PHASE N

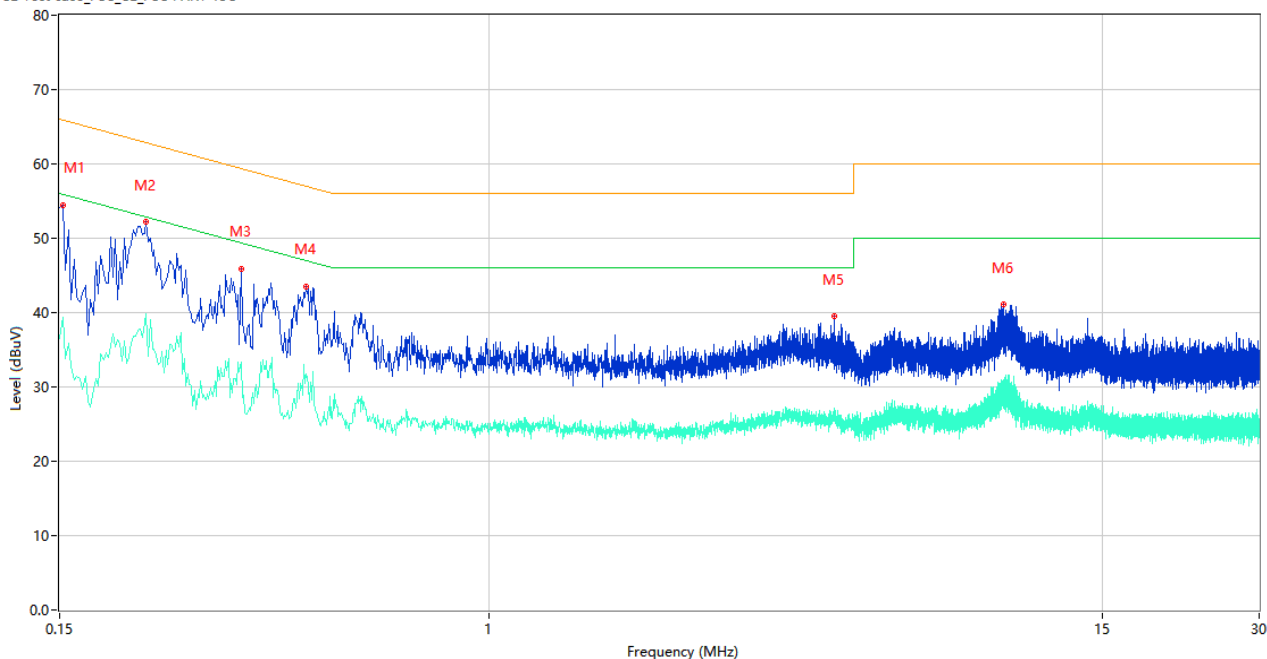
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.230	47.61	9.82	62.45	14.84	Peak	N	Pass
1**	0.230	38.89	9.82	52.45	13.56	AV	N	Pass
2	0.254	47.32	9.82	61.63	14.31	Peak	N	Pass
2**	0.254	36.62	9.82	51.63	15.01	AV	N	Pass
3	0.400	46.38	10.59	57.85	11.47	Peak	N	Pass
3**	0.400	30.39	10.59	47.85	17.46	AV	N	Pass
4	0.470	47.06	10.03	56.51	9.45	Peak	N	Pass
4**	0.470	31.48	10.03	46.51	15.03	AV	N	Pass
5	0.478	46.40	10.02	56.37	9.97	Peak	N	Pass
5**	0.478	27.08	10.02	46.37	19.29	AV	N	Pass
6	3.966	38.95	10.04	56.00	17.05	Peak	N	Pass
6**	3.966	24.01	10.04	46.00	21.99	AV	N	Pass

ANT1**PHASE L**

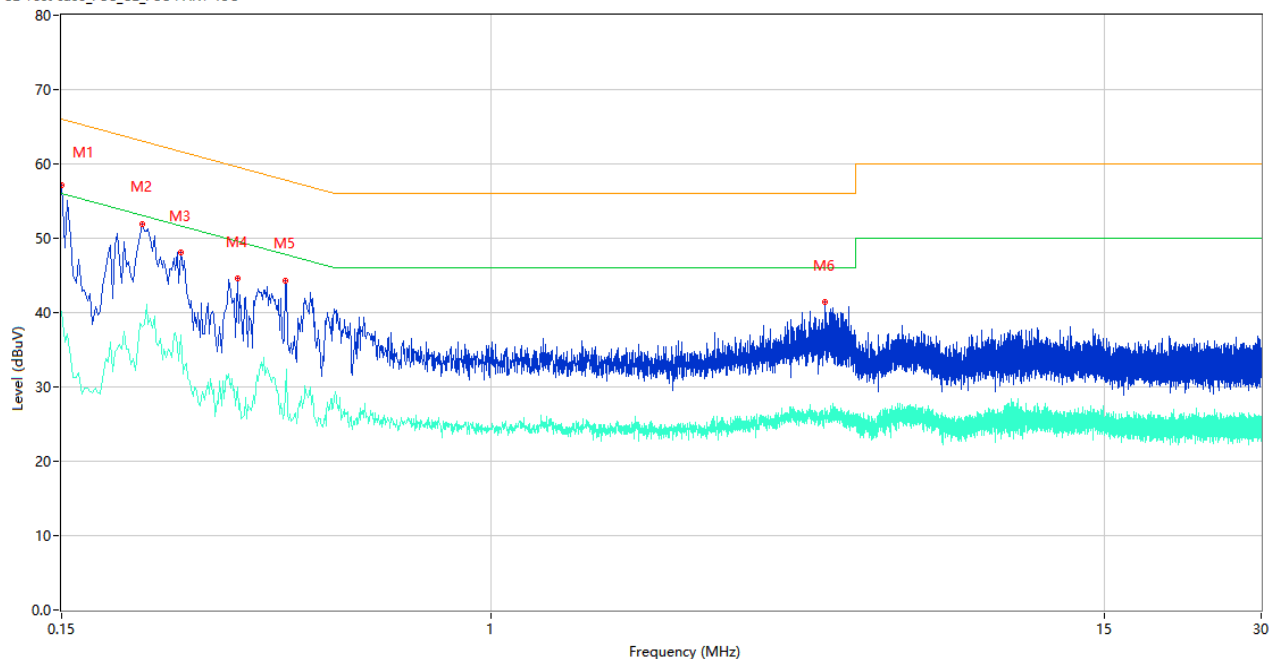
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	54.50	9.83	65.89	11.39	Peak	L	Pass
1**	0.152	39.43	9.83	55.89	16.46	AV	L	Pass
2	0.220	52.19	9.83	62.82	10.63	Peak	L	Pass
2**	0.220	39.88	9.83	52.82	12.94	AV	L	Pass
3	0.334	45.90	10.49	59.35	13.45	Peak	L	Pass
3**	0.334	33.29	10.49	49.35	16.06	AV	L	Pass
4	0.446	43.57	10.09	56.95	13.38	Peak	L	Pass
4**	0.446	31.80	10.09	46.95	15.15	AV	L	Pass
5	4.600	39.48	10.55	56.00	16.52	Peak	L	Pass
5**	4.600	27.08	10.55	46.00	18.92	AV	L	Pass
6	9.686	41.04	10.48	60.00	18.96	Peak	L	Pass
6**	9.686	29.61	10.48	50.00	20.39	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

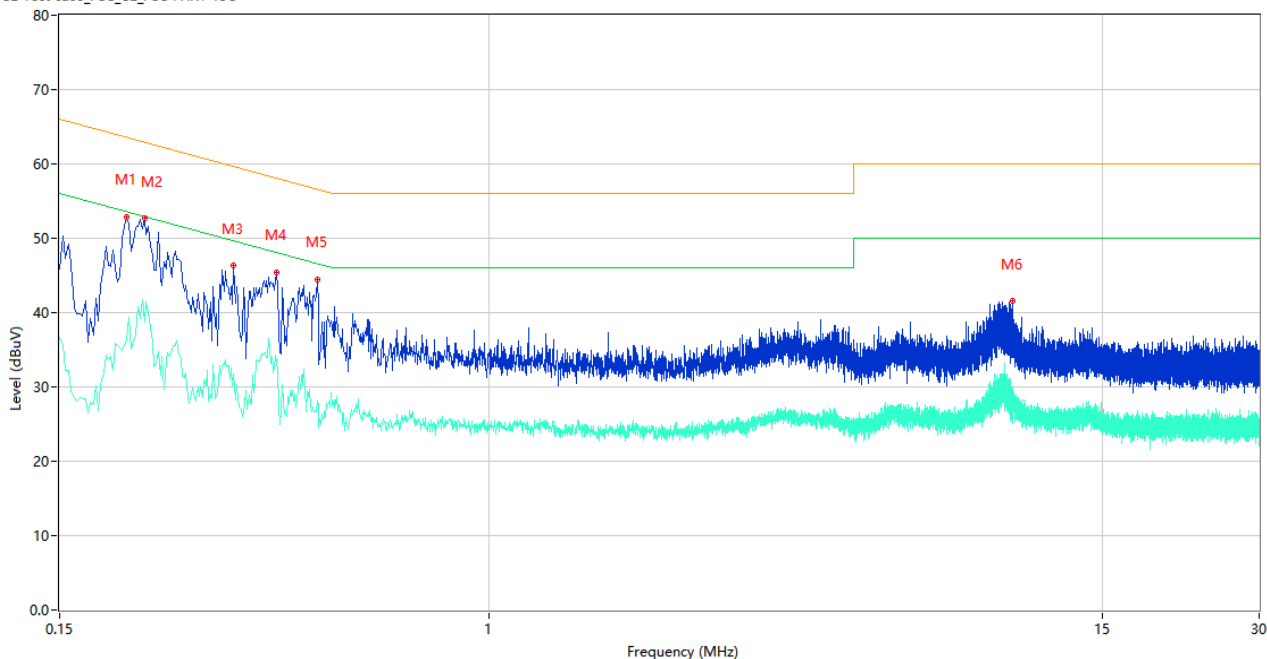


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	57.07	9.83	66.00	8.93	Peak	N	Pass
1**	0.150	40.15	9.83	56.00	15.85	AV	N	Pass
2	0.214	51.91	9.83	63.05	11.14	Peak	N	Pass
2**	0.214	38.10	9.83	53.05	14.95	AV	N	Pass
3	0.254	48.07	9.82	61.63	13.56	Peak	N	Pass
3**	0.254	36.91	9.82	51.63	14.72	AV	N	Pass
4	0.326	44.58	10.33	59.55	14.97	Peak	N	Pass
4**	0.326	30.03	10.33	49.55	19.52	AV	N	Pass
5	0.404	44.35	10.54	57.77	13.42	Peak	N	Pass
5**	0.404	29.18	10.54	47.77	18.59	AV	N	Pass
6	4.368	41.42	10.20	56.00	14.58	Peak	N	Pass
6**	4.368	26.61	10.20	46.00	19.39	AV	N	Pass

ANT2

PHASE L

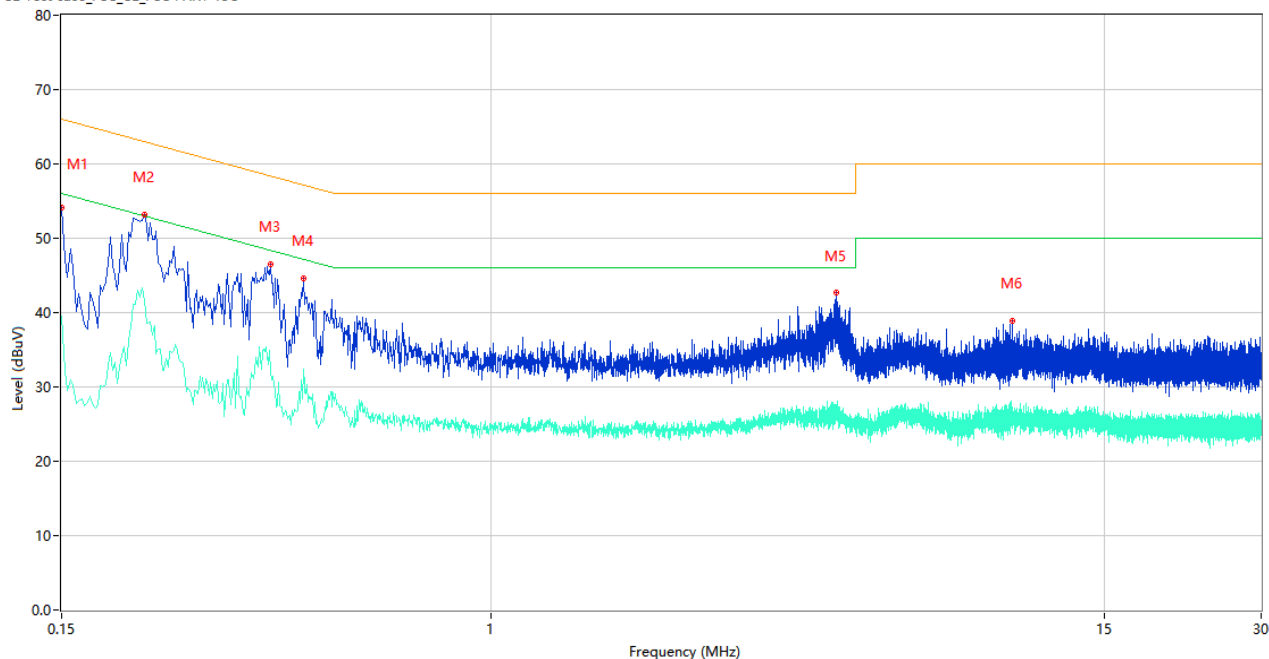
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.202	52.91	9.83	63.53	10.62	Peak	L	Pass
1**	0.202	36.40	9.83	53.53	17.13	AV	L	Pass
2	0.218	52.65	9.83	62.89	10.24	Peak	L	Pass
2**	0.218	38.77	9.83	52.89	14.12	AV	L	Pass
3	0.324	46.34	10.29	59.60	13.26	Peak	L	Pass
3**	0.324	31.75	10.29	49.60	17.85	AV	L	Pass
4	0.392	45.41	10.62	58.02	12.61	Peak	L	Pass
4**	0.392	33.50	10.62	48.02	14.52	AV	L	Pass
5	0.468	44.49	10.03	56.55	12.06	Peak	L	Pass
5**	0.468	28.04	10.03	46.55	18.51	AV	L	Pass
6	10.116	41.54	10.30	60.00	18.46	Peak	L	Pass
6**	10.116	28.31	10.30	50.00	21.69	AV	L	Pass

PHASE N

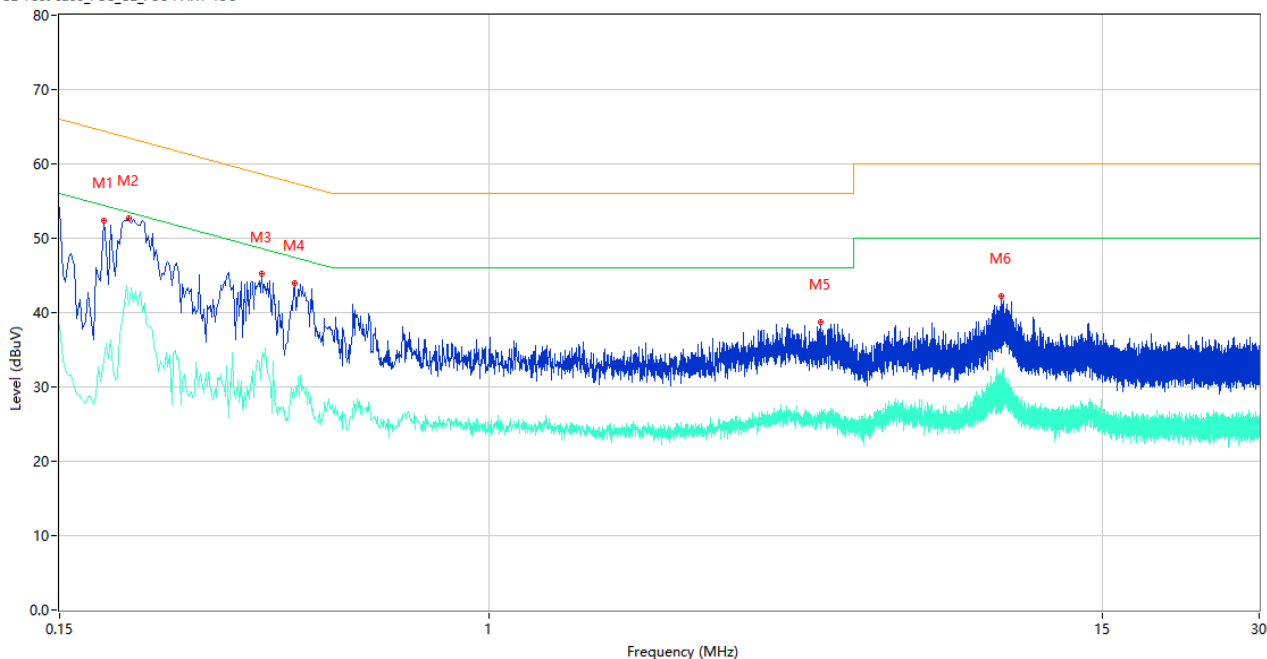
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	54.16	9.83	66.00	11.84	Peak	N	Pass
1**	0.150	39.60	9.83	56.00	16.40	AV	N	Pass
2	0.216	53.21	9.83	62.97	9.76	Peak	N	Pass
2**	0.216	41.62	9.83	52.97	11.35	AV	N	Pass
3	0.378	46.57	10.68	58.32	11.75	Peak	N	Pass
3**	0.378	32.12	10.68	48.32	16.20	AV	N	Pass
4	0.436	44.64	10.20	57.14	12.50	Peak	N	Pass
4**	0.436	32.40	10.20	47.14	14.74	AV	N	Pass
5	4.596	42.68	10.58	56.00	13.32	Peak	N	Pass
5**	4.596	27.39	10.58	46.00	18.61	AV	N	Pass
6	9.984	38.90	10.47	60.00	21.10	Peak	N	Pass
6**	9.984	26.02	10.47	50.00	23.98	AV	N	Pass

ANT3**PHASE L**

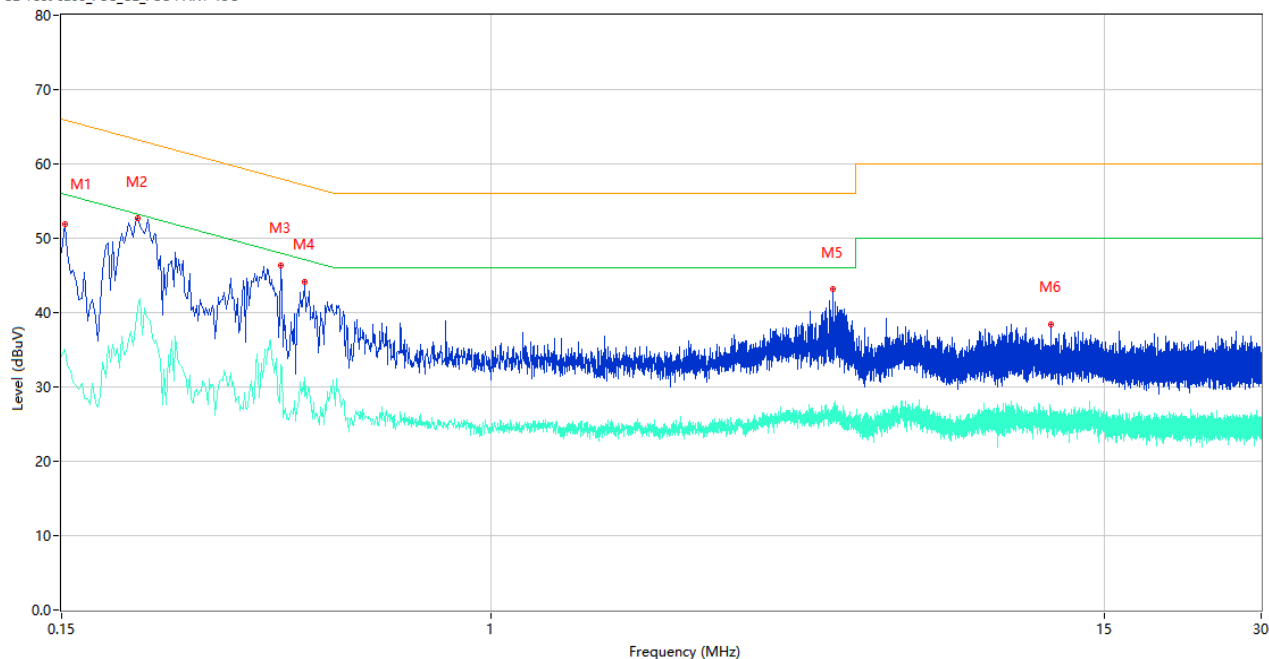
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	52.40	9.83	64.39	11.99	Peak	L	Pass
1**	0.182	33.41	9.83	54.39	20.98	AV	L	Pass
2	0.204	52.73	9.83	63.45	10.72	Peak	L	Pass
2**	0.204	41.12	9.83	53.45	12.33	AV	L	Pass
3	0.366	45.21	10.74	58.59	13.38	Peak	L	Pass
3**	0.366	33.75	10.74	48.59	14.84	AV	L	Pass
4	0.424	44.04	10.33	57.37	13.33	Peak	L	Pass
4**	0.424	28.52	10.33	47.37	18.85	AV	L	Pass
5	4.326	38.79	10.16	56.00	17.21	Peak	L	Pass
5**	4.326	26.05	10.16	46.00	19.95	AV	L	Pass
6	9.600	42.27	10.21	60.00	17.73	Peak	L	Pass
6**	9.600	30.68	10.21	50.00	19.32	AV	L	Pass

PHASE N

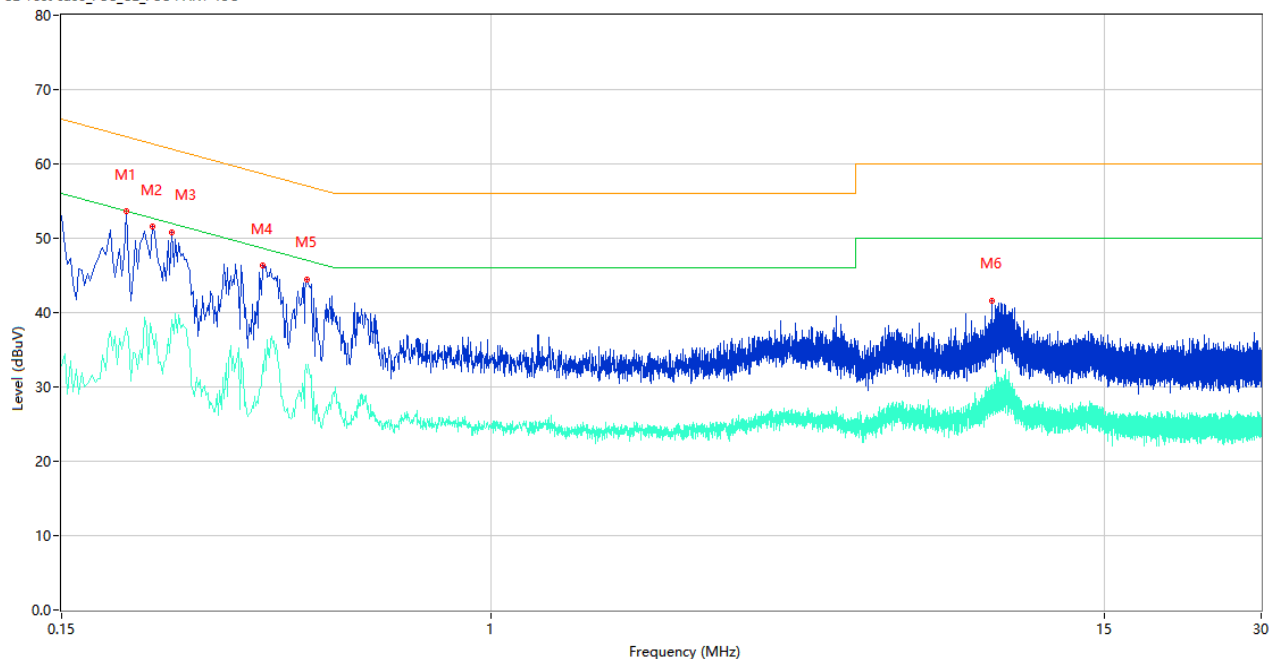
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	51.83	9.83	65.89	14.06	Peak	N	Pass
1**	0.152	35.03	9.83	55.89	20.86	AV	N	Pass
2	0.210	52.67	9.83	63.21	10.54	Peak	N	Pass
2**	0.210	40.56	9.83	53.21	12.65	AV	N	Pass
3	0.396	46.36	10.61	57.94	11.58	Peak	N	Pass
3**	0.396	33.08	10.61	47.94	14.86	AV	N	Pass
4	0.440	44.16	10.16	57.06	12.90	Peak	N	Pass
4**	0.440	31.21	10.16	47.06	15.85	AV	N	Pass
5	4.522	43.12	10.43	56.00	12.88	Peak	N	Pass
5**	4.522	26.66	10.43	46.00	19.34	AV	N	Pass
6	11.872	38.42	10.71	60.00	21.58	Peak	N	Pass
6**	11.872	26.89	10.71	50.00	23.11	AV	N	Pass

ANT4**PHASE L**

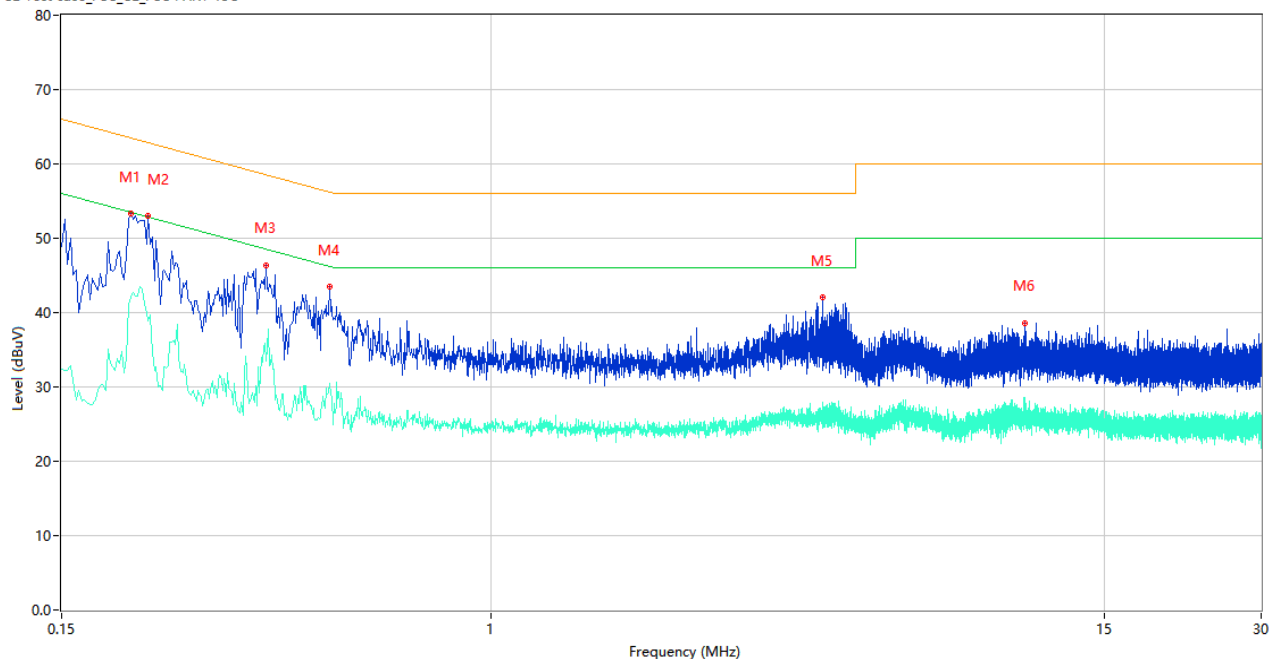
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.200	53.64	9.83	63.61	9.97	Peak	L	Pass
1**	0.200	37.89	9.83	53.61	15.72	AV	L	Pass
2	0.224	51.58	9.83	62.67	11.09	Peak	L	Pass
2**	0.224	36.83	9.83	52.67	15.84	AV	L	Pass
3	0.244	50.73	9.82	61.96	11.23	Peak	L	Pass
3**	0.244	39.12	9.82	51.96	12.84	AV	L	Pass
4	0.364	46.35	10.74	58.64	12.29	Peak	L	Pass
4**	0.364	33.01	10.74	48.64	15.63	AV	L	Pass
5	0.444	44.45	10.11	56.99	12.54	Peak	L	Pass
5**	0.444	31.93	10.11	46.99	15.06	AV	L	Pass
6	9.116	41.64	10.31	60.00	18.36	Peak	L	Pass
6**	9.116	30.35	10.31	50.00	19.65	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	0.204	53.32	9.83	63.45	10.13	Peak	N	Pass
1**	0.204	42.12	9.83	53.45	11.33	AV	N	Pass
2	0.220	53.06	9.83	62.82	9.76	Peak	N	Pass
2**	0.220	38.97	9.83	52.82	13.85	AV	N	Pass
3	0.370	46.42	10.72	58.50	12.08	Peak	N	Pass
3**	0.370	33.43	10.72	48.50	15.07	AV	N	Pass
4	0.490	43.47	10.00	56.17	12.70	Peak	N	Pass
4**	0.490	30.47	10.00	46.17	15.70	AV	N	Pass
5	4.316	42.02	10.25	56.00	13.98	Peak	N	Pass
5**	4.316	28.01	10.25	46.00	17.99	AV	N	Pass
6	10.590	38.62	10.66	60.00	21.38	Peak	N	Pass
6**	10.590	27.55	10.66	50.00	22.45	AV	N	Pass

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

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

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

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

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

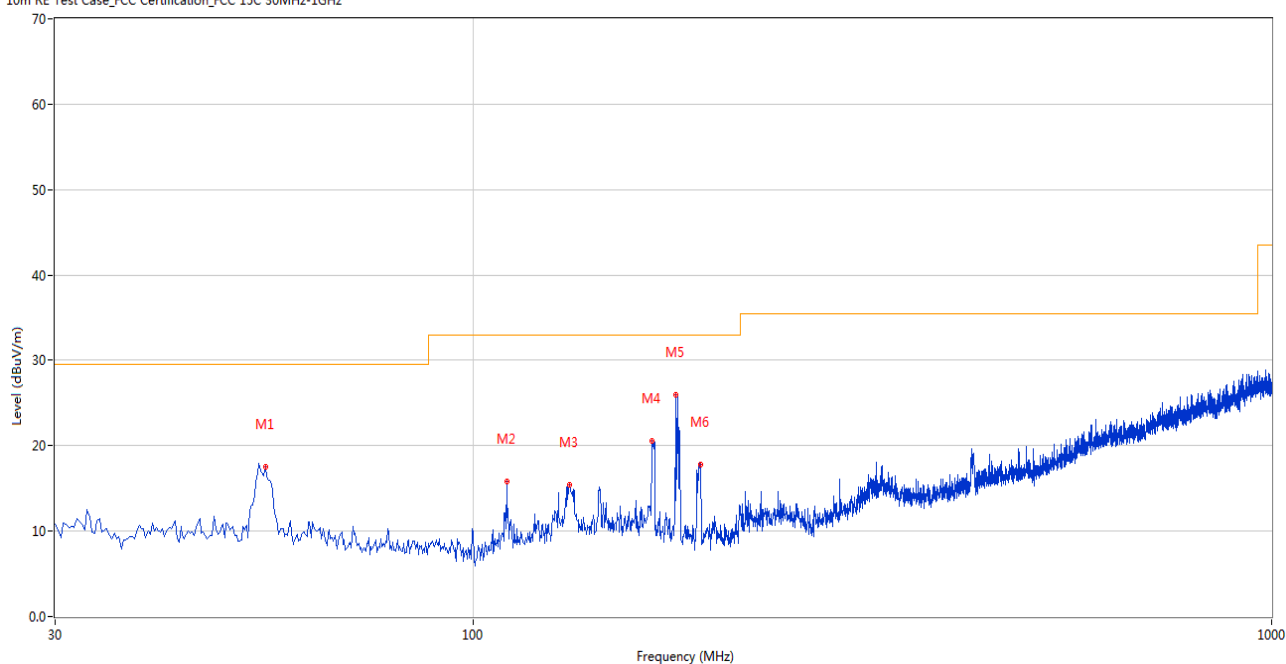
Note⁵: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log (NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

Test Data and Plots

ANT5

30 MHz to 1 GHz, ANT H

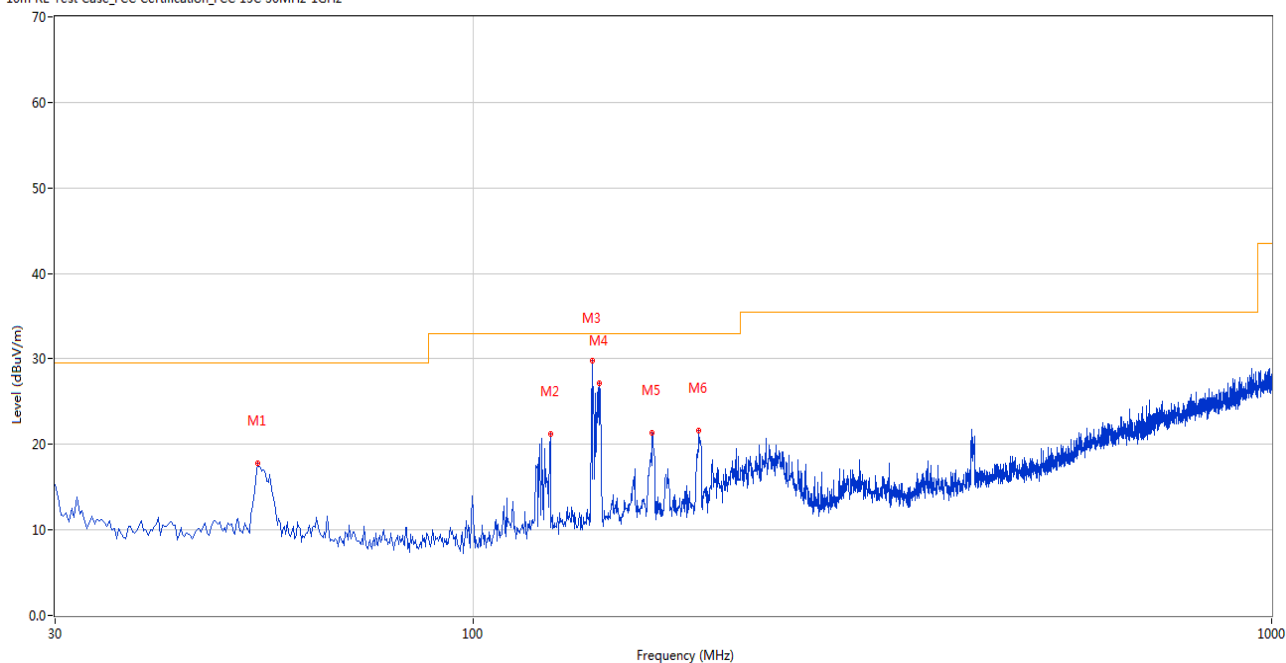
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.971	17.56	-27.15	29.5	11.94	Peak	43.00	100	Horizontal	Pass
2	110.247	15.77	-28.98	33.0	17.23	Peak	291.00	100	Horizontal	Pass
3	132.309	15.44	-27.19	33.0	17.56	Peak	223.00	100	Horizontal	Pass
4	167.706	20.62	-26.62	33.0	12.38	Peak	356.00	100	Horizontal	Pass
5	179.585	26.03	-27.58	33.0	6.97	Peak	62.00	100	Horizontal	Pass
6	192.677	17.85	-28.71	33.0	15.15	Peak	208.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

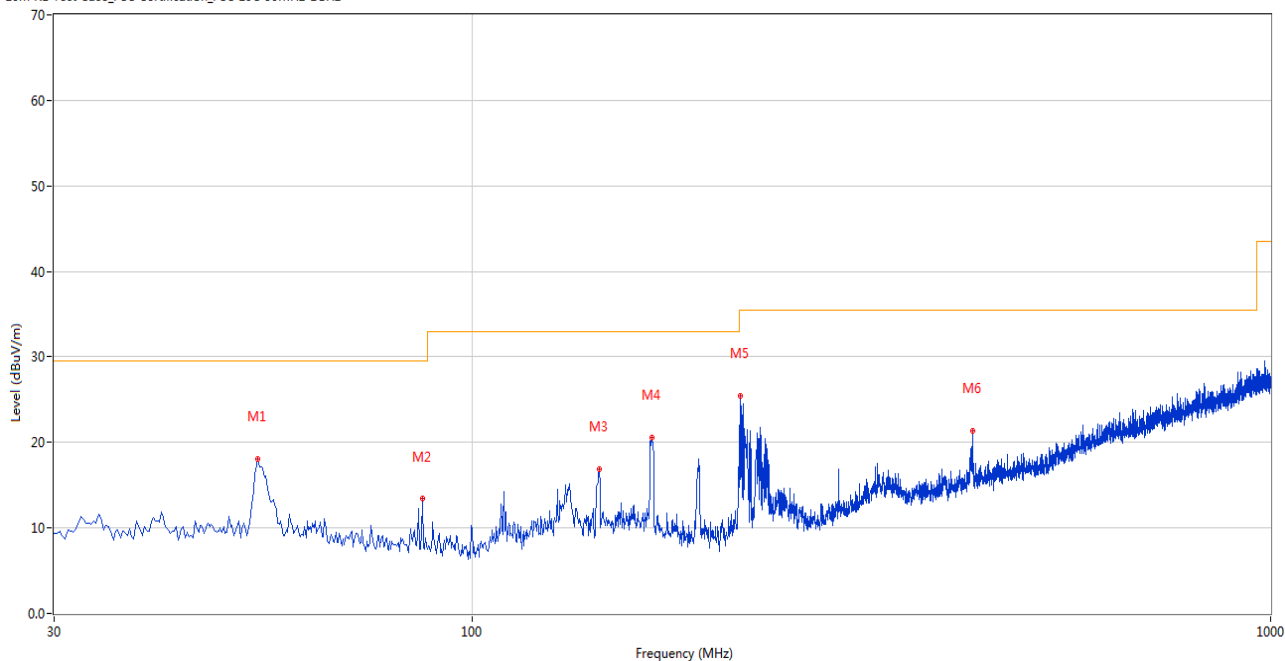
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.759	17.76	-27.06	29.5	11.74	Peak	202.00	100	Vertical	Pass
2	125.036	21.26	-27.77	33.0	11.74	Peak	276.00	100	Vertical	Pass
3	141.280	29.85	-26.76	33.0	3.15	Peak	358.00	100	Vertical	Pass
4	144.189	27.20	-26.55	33.0	5.80	Peak	358.00	100	Vertical	Pass
5	167.706	21.32	-26.62	33.0	11.68	Peak	0.00	100	Vertical	Pass
6	191.950	21.68	-28.80	33.0	11.32	Peak	134.00	100	Vertical	Pass

ANT1**30 MHz to 1 GHz, ANT H**

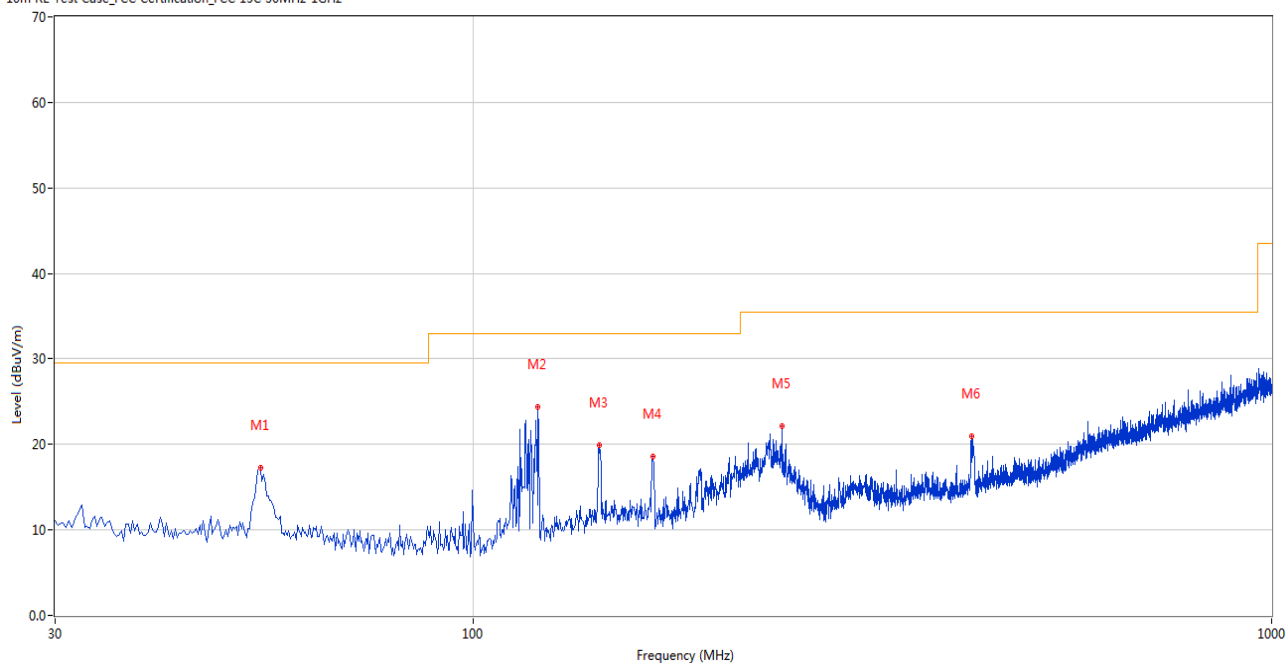
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.002	18.09	-27.08	29.5	11.41	Peak	189.00	100	Horizontal	Pass
2	86.731	13.39	-30.59	29.5	16.11	Peak	10.00	100	Horizontal	Pass
3	144.431	16.93	-26.53	33.0	16.07	Peak	38.00	100	Horizontal	Pass
4	168.190	20.51	-26.73	33.0	12.49	Peak	189.00	100	Horizontal	Pass
5	216.678	25.47	-29.20	35.5	10.03	Peak	50.00	100	Horizontal	Pass
6	423.964	21.41	-22.00	35.5	14.09	Peak	255.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

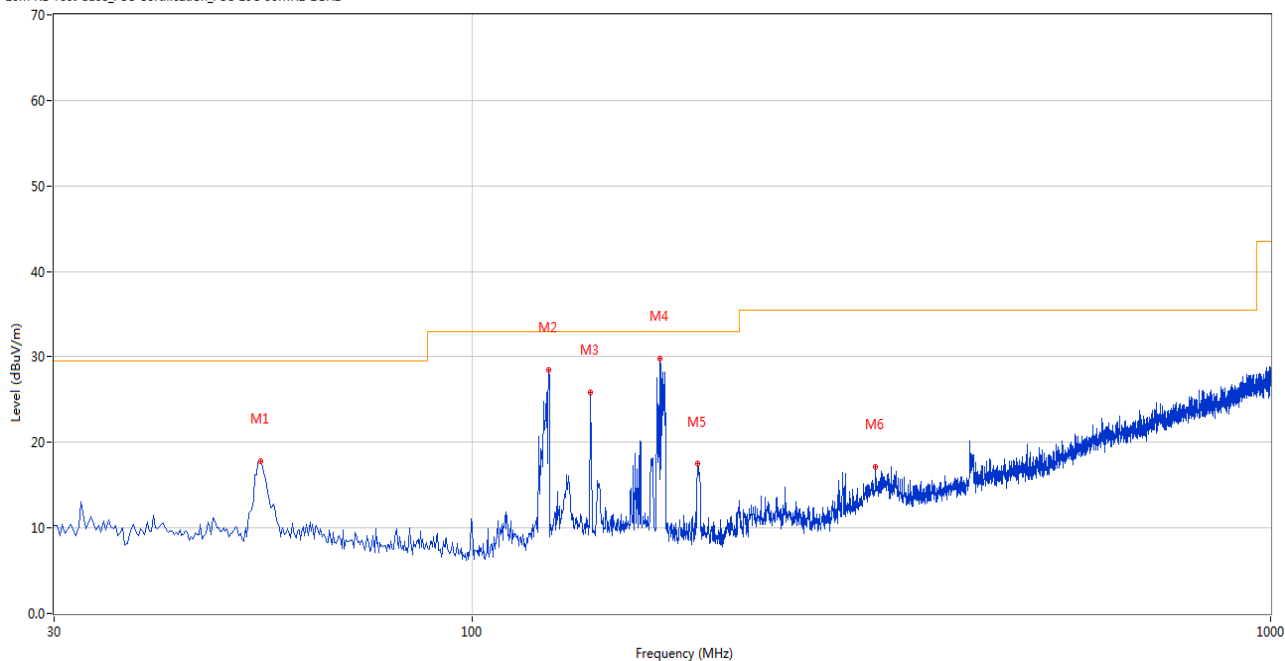
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.244	17.25	-27.10	29.5	12.25	Peak	341.00	100	Vertical	Pass
2	120.430	24.35	-28.05	33.0	8.65	Peak	59.00	100	Vertical	Pass
3	143.947	19.91	-26.57	33.0	13.09	Peak	90.00	100	Vertical	Pass
4	168.190	18.56	-26.73	33.0	14.44	Peak	130.00	100	Vertical	Pass
5	243.589	22.14	-27.87	35.5	13.36	Peak	158.00	100	Vertical	Pass
6	420.812	20.97	-22.05	35.5	14.53	Peak	198.00	100	Vertical	Pass

ANT2**30 MHz to 1 GHz, ANT H**

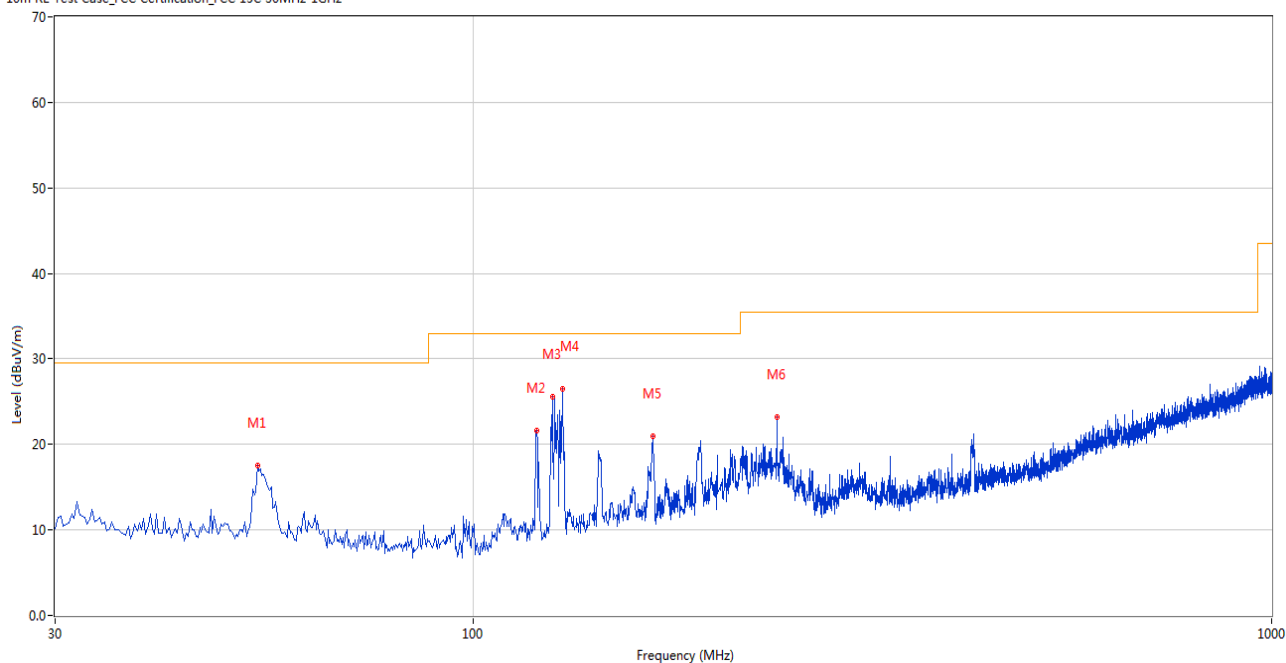
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.486	17.86	-27.12	29.5	11.64	Peak	298.00	100	Horizontal	Pass
2	124.794	28.48	-27.78	33.0	4.52	Peak	344.00	100	Horizontal	Pass
3	140.552	25.84	-26.76	33.0	7.16	Peak	177.00	100	Horizontal	Pass
4	172.069	29.80	-27.02	33.0	3.20	Peak	13.00	100	Horizontal	Pass
5	191.950	17.48	-28.80	33.0	15.52	Peak	31.00	100	Horizontal	Pass
6	319.958	17.17	-25.22	35.5	18.33	Peak	335.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

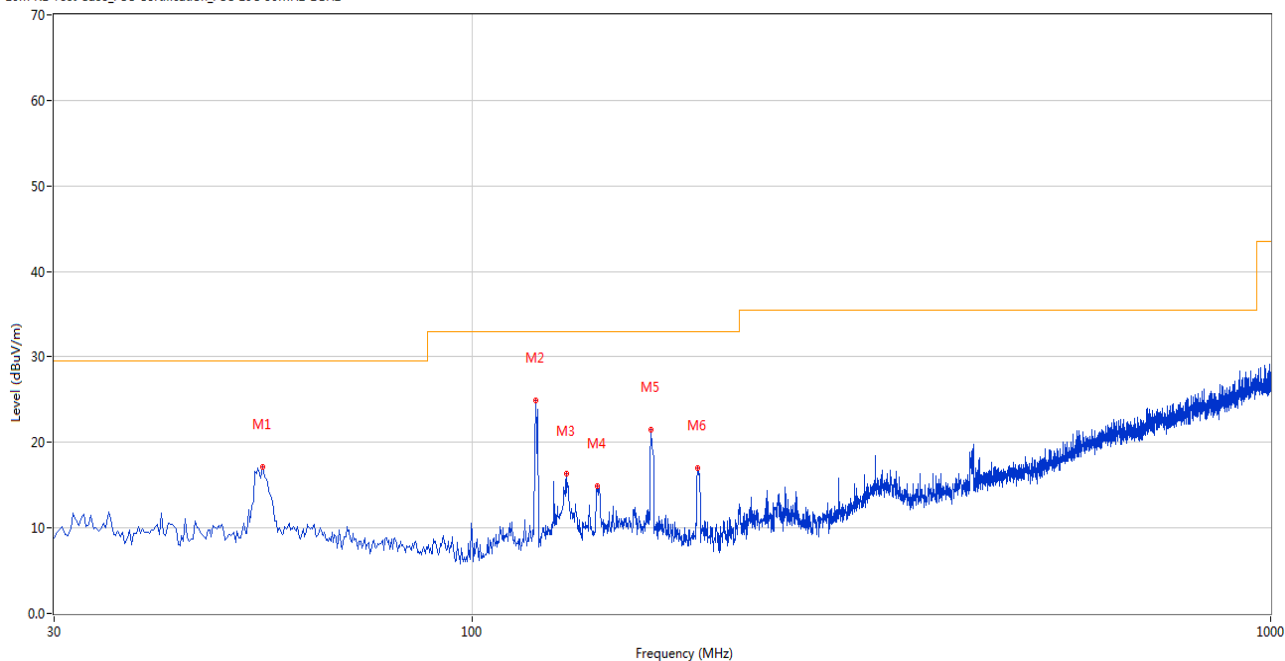
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.759	17.53	-27.06	29.5	11.97	Peak	282.00	100	Vertical	Pass
2	120.187	21.57	-28.06	33.0	11.43	Peak	31.00	100	Vertical	Pass
3	125.764	25.63	-27.73	33.0	7.37	Peak	115.00	100	Vertical	Pass
4	129.400	26.55	-27.54	33.0	6.45	Peak	115.00	100	Vertical	Pass
5	167.948	20.92	-26.68	33.0	12.08	Peak	149.00	100	Vertical	Pass
6	240.195	23.17	-28.08	35.5	12.33	Peak	217.00	100	Vertical	Pass

ANT3**30 MHz to 1 GHz, ANT H**

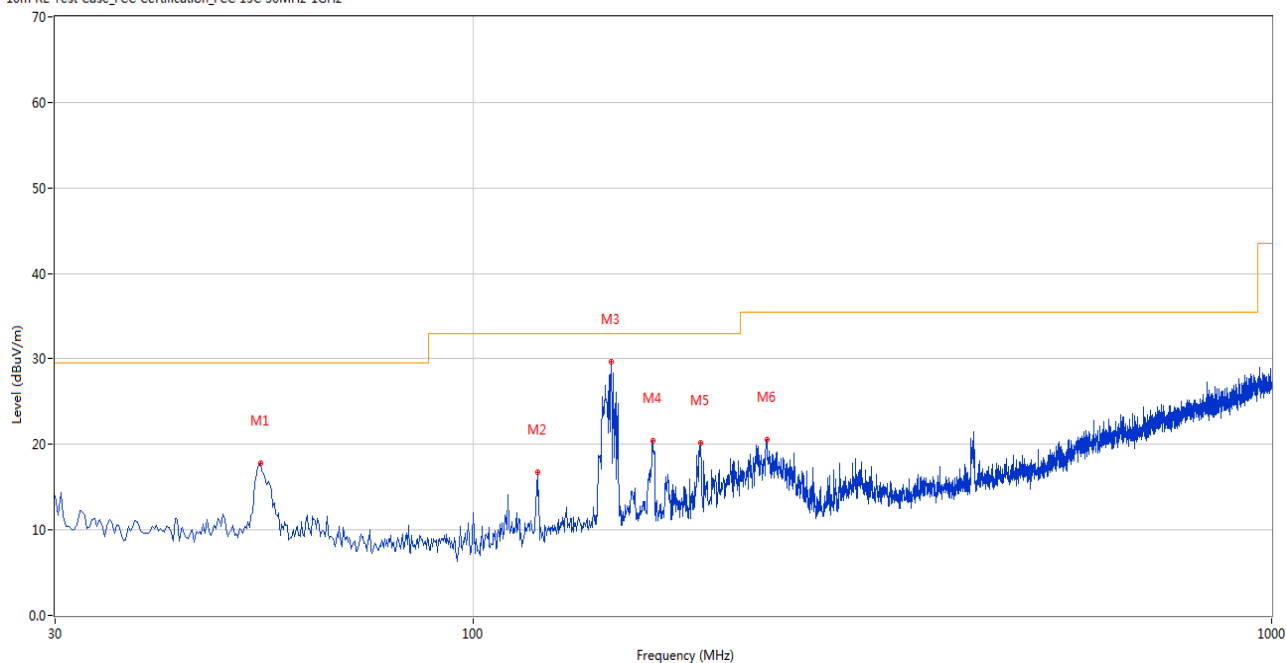
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.729	17.10	-27.13	29.5	12.40	Peak	246.00	100	Horizontal	Pass
2	120.187	24.87	-28.06	33.0	8.13	Peak	0.00	100	Horizontal	Pass
3	131.340	16.38	-27.33	33.0	16.62	Peak	199.00	100	Horizontal	Pass
4	143.462	14.83	-26.56	33.0	18.17	Peak	224.00	100	Horizontal	Pass
5	167.706	21.52	-26.62	33.0	11.48	Peak	187.00	100	Horizontal	Pass
6	191.707	16.97	-28.81	33.0	16.03	Peak	32.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

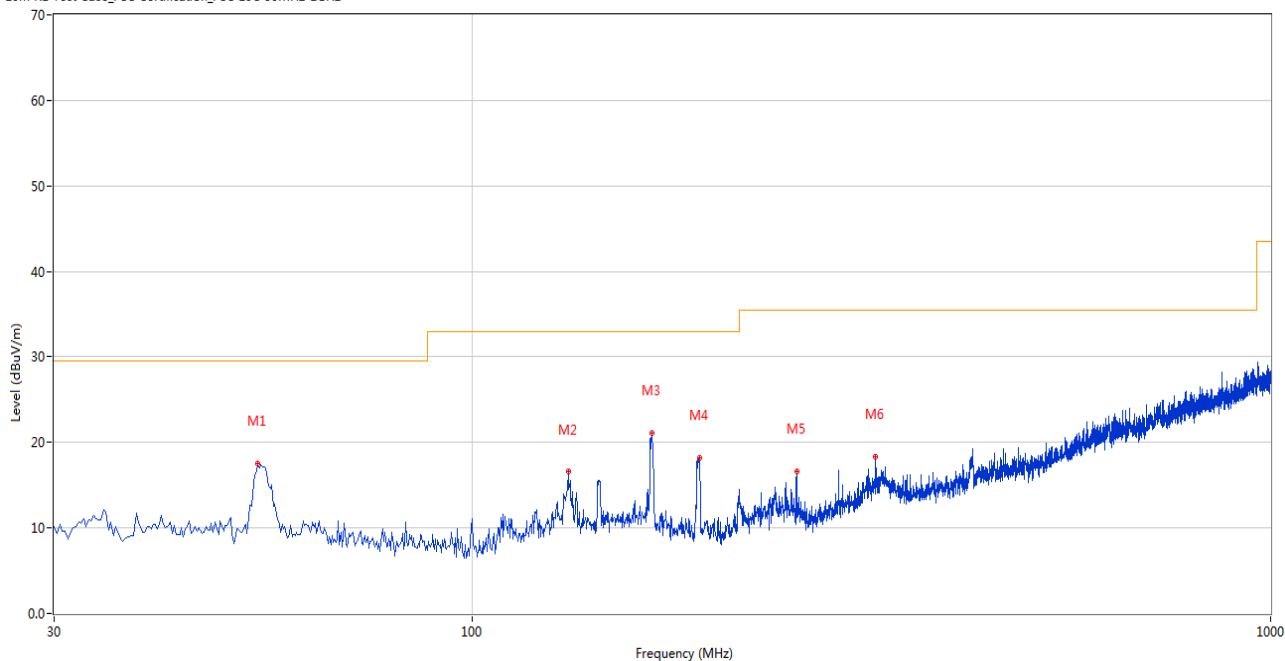
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.244	17.78	-27.10	29.5	11.72	Peak	25.00	100	Vertical	Pass
2	120.430	16.73	-28.05	33.0	16.27	Peak	310.00	100	Vertical	Pass
3	149.038	29.66	-26.45	33.0	3.34	Peak	226.00	100	Vertical	Pass
4	167.948	20.48	-26.68	33.0	12.52	Peak	130.00	100	Vertical	Pass
5	192.677	20.17	-28.71	33.0	12.83	Peak	44.00	100	Vertical	Pass
6	233.649	20.59	-28.53	35.5	14.91	Peak	155.00	100	Vertical	Pass

ANT4**30 MHz to 1 GHz, ANT H**

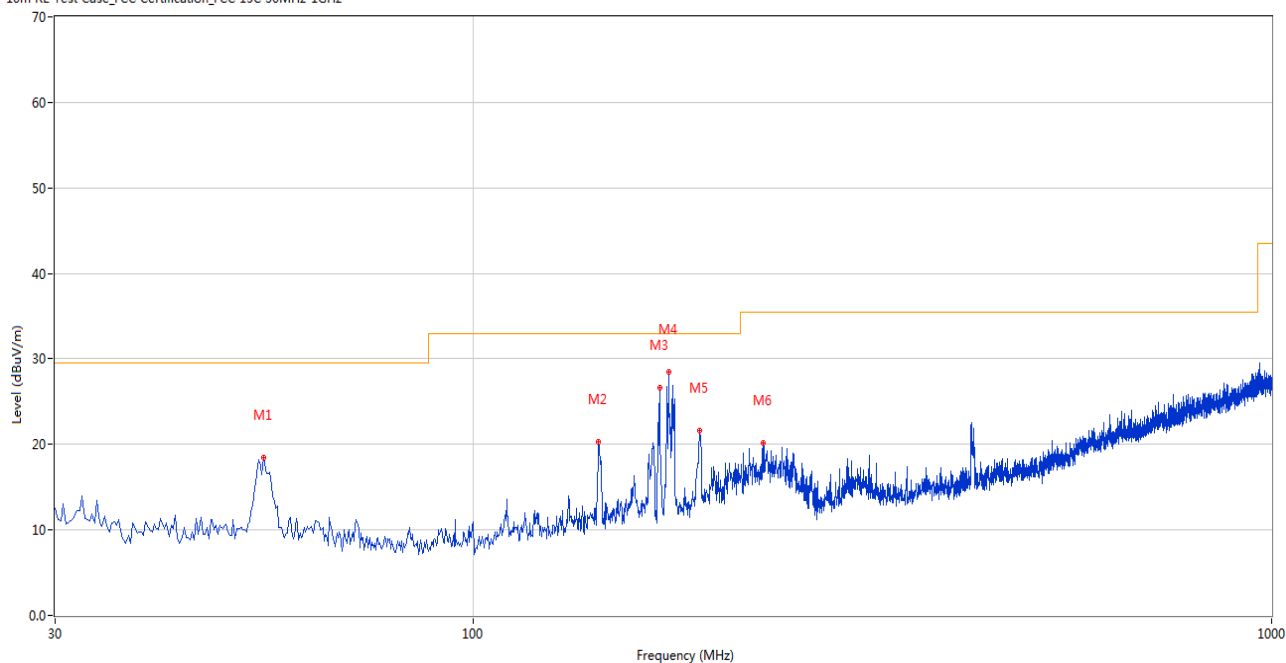
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.002	17.51	-27.08	29.5	11.99	Peak	183.00	100	Horizontal	Pass
2	132.067	16.55	-27.19	33.0	16.45	Peak	205.00	100	Horizontal	Pass
3	167.948	21.04	-26.68	33.0	11.96	Peak	202.00	100	Horizontal	Pass
4	192.677	18.22	-28.71	33.0	14.78	Peak	47.00	100	Horizontal	Pass
5	254.984	16.55	-27.24	35.5	18.95	Peak	195.00	100	Horizontal	Pass
6	319.958	18.32	-25.22	35.5	17.18	Peak	72.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.729	18.46	-27.13	29.5	11.04	Peak	123.00	100	Vertical	Pass
2	143.704	20.31	-26.56	33.0	12.69	Peak	105.00	100	Vertical	Pass
3	171.342	26.62	-26.99	33.0	6.38	Peak	30.00	100	Vertical	Pass
4	175.949	28.46	-27.44	33.0	4.54	Peak	198.00	100	Vertical	Pass
5	192.434	21.65	-28.74	33.0	11.35	Peak	83.00	100	Vertical	Pass
6	230.982	20.12	-28.87	35.5	15.38	Peak	350.00	100	Vertical	Pass

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

ANT5

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	1509.389	38.26	74.0	35.74	Peak	156.00	100	Horizontal	Pass
1**	1509.389	30.31	54.0	23.69	AV	156.00	100	Horizontal	Pass
2	2346.367	46.05	74.0	27.95	Peak	99.00	200	Horizontal	Pass
2**	2346.367	38.21	54.0	15.79	AV	99.00	200	Horizontal	Pass
3	4206.719	49.69	74.0	24.31	Peak	193.00	200	Horizontal	Pass
3**	4206.719	38.92	54.0	15.08	AV	193.00	200	Horizontal	Pass
4	7438.246	52.56	74.0	21.44	Peak	122.00	100	Horizontal	Pass
4**	7438.246	39.87	54.0	14.13	AV	122.00	100	Horizontal	Pass
5	12519.060	56.93	74.0	17.07	Peak	106.00	100	Horizontal	Pass
5**	12519.060	49.16	54.0	4.84	AV	106.00	100	Horizontal	Pass
6	16150.638	52.34	74.0	21.66	Peak	212.00	100	Horizontal	Pass
6**	16150.638	43.12	54.0	10.88	AV	212.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.952	37.48	74.0	36.52	Peak	151.00	100	Vertical	Pass
1**	1568.952	27.44	54.0	26.56	AV	151.00	100	Vertical	Pass
2	2348.985	46.97	74.0	27.03	Peak	222.00	400	Vertical	Pass
2**	2348.985	31.87	54.0	22.13	AV	222.00	400	Vertical	Pass
3	3918.063	42.39	74.0	31.61	Peak	233.00	200	Vertical	Pass
3**	3918.063	33.36	54.0	20.64	AV	233.00	200	Vertical	Pass
4	7677.105	51.78	74.0	22.22	Peak	78.00	300	Vertical	Pass
4**	7677.105	46.85	54.0	7.15	AV	78.00	300	Vertical	Pass
5	12529.184	53.83	74.0	20.17	Peak	178.00	200	Vertical	Pass
5**	12529.184	43.44	54.0	10.56	AV	178.00	200	Vertical	Pass
6	15378.290	55.63	74.0	18.37	Peak	67.00	400	Vertical	Pass
6**	15378.290	43.78	54.0	10.22	AV	67.00	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	1511.886	41.78	74.0	32.22	Peak	199.00	100	Horizontal	Pass
1**	1511.886	32.22	54.0	21.78	AV	199.00	100	Horizontal	Pass
2	2347.952	41.97	74.0	32.03	Peak	190.00	400	Horizontal	Pass
2**	2347.952	38.30	54.0	15.70	AV	190.00	400	Horizontal	Pass
3	4205.142	46.11	74.0	27.89	Peak	134.00	200	Horizontal	Pass
3**	4205.142	37.65	54.0	16.35	AV	134.00	200	Horizontal	Pass
4	7430.936	55.50	74.0	18.50	Peak	86.00	200	Horizontal	Pass
4**	7430.936	43.48	54.0	10.52	AV	86.00	200	Horizontal	Pass
5	12517.084	56.72	74.0	17.28	Peak	127.00	400	Horizontal	Pass
5**	12517.084	47.62	54.0	6.38	AV	127.00	400	Horizontal	Pass
6	16143.360	53.16	74.0	20.84	Peak	149.00	100	Horizontal	Pass
6**	16143.360	43.94	54.0	10.06	AV	149.00	100	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	1567.492	38.54	74.0	35.46	Peak	191.00	300	Vertical	Pass
1**	1567.492	27.62	54.0	26.38	AV	191.00	300	Vertical	Pass
2	2349.028	45.35	74.0	28.65	Peak	31.00	400	Vertical	Pass
2**	2349.028	33.56	54.0	20.44	AV	31.00	400	Vertical	Pass
3	3916.109	45.91	74.0	28.09	Peak	119.00	200	Vertical	Pass
3**	3916.109	36.06	54.0	17.94	AV	119.00	200	Vertical	Pass
4	7680.157	50.49	74.0	23.51	Peak	72.00	100	Vertical	Pass
4**	7680.157	46.04	54.0	7.96	AV	72.00	100	Vertical	Pass
5	12531.993	57.58	74.0	16.42	Peak	69.00	300	Vertical	Pass
5**	12531.993	45.48	54.0	8.52	AV	69.00	300	Vertical	Pass
6	15379.549	54.00	74.0	20.00	Peak	51.00	300	Vertical	Pass
6**	15379.549	47.35	54.0	6.65	AV	51.00	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	1515.575	40.63	74.0	33.37	Peak	259.00	400	Horizontal	Pass
1**	1515.575	27.44	54.0	26.56	AV	259.00	400	Horizontal	Pass
2	2346.681	46.45	74.0	27.55	Peak	202.00	200	Horizontal	Pass
2**	2346.681	35.79	54.0	18.21	AV	202.00	200	Horizontal	Pass
3	4207.581	44.90	74.0	29.10	Peak	208.00	200	Horizontal	Pass
3**	4207.581	40.43	54.0	13.57	AV	208.00	200	Horizontal	Pass
4	7436.923	55.47	74.0	18.53	Peak	135.00	300	Horizontal	Pass
4**	7436.923	43.80	54.0	10.20	AV	135.00	300	Horizontal	Pass
5	12521.770	57.40	74.0	16.60	Peak	79.00	300	Horizontal	Pass
5**	12521.770	48.45	54.0	5.55	AV	79.00	300	Horizontal	Pass
6	16144.961	53.62	74.0	20.38	Peak	65.00	400	Horizontal	Pass
6**	16144.961	45.77	54.0	8.23	AV	65.00	400	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	1571.470	38.74	74.0	35.26	Peak	121.00	200	Vertical	Pass
1**	1571.470	24.01	54.0	29.99	AV	121.00	200	Vertical	Pass
2	2350.873	45.02	74.0	28.98	Peak	73.00	100	Vertical	Pass
2**	2350.873	31.13	54.0	22.87	AV	73.00	100	Vertical	Pass
3	3917.163	43.56	74.0	30.44	Peak	281.00	200	Vertical	Pass
3**	3917.163	36.11	54.0	17.89	AV	281.00	200	Vertical	Pass
4	7680.237	50.45	74.0	23.55	Peak	314.00	100	Vertical	Pass
4**	7680.237	42.22	54.0	11.78	AV	314.00	100	Vertical	Pass
5	12529.046	56.54	74.0	17.46	Peak	28.00	200	Vertical	Pass
5**	12529.046	40.56	54.0	13.44	AV	28.00	200	Vertical	Pass
6	15384.762	51.43	74.0	22.57	Peak	293.00	200	Vertical	Pass
6**	15384.762	44.95	54.0	9.05	AV	293.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.769	36.83	74.0	37.17	Peak	287.00	300	Horizontal	Pass
1**	1509.769	27.05	54.0	26.95	AV	287.00	300	Horizontal	Pass
2	2351.291	43.20	74.0	30.80	Peak	104.00	200	Horizontal	Pass
2**	2351.291	40.00	54.0	14.00	AV	104.00	200	Horizontal	Pass
3	4203.720	45.18	74.0	28.82	Peak	86.00	200	Horizontal	Pass
3**	4203.720	36.73	54.0	17.27	AV	86.00	200	Horizontal	Pass
4	7437.786	51.36	74.0	22.64	Peak	93.00	100	Horizontal	Pass
4**	7437.786	40.74	54.0	13.26	AV	93.00	100	Horizontal	Pass
5	12518.078	56.58	74.0	17.42	Peak	332.00	400	Horizontal	Pass
5**	12518.078	46.36	54.0	7.64	AV	332.00	400	Horizontal	Pass
6	16144.441	51.85	74.0	22.15	Peak	15.00	100	Horizontal	Pass
6**	16144.441	43.85	54.0	10.15	AV	15.00	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	1571.955	38.82	74.0	35.18	Peak	158.00	300	Vertical	Pass
1**	1571.955	26.73	54.0	27.27	AV	158.00	300	Vertical	Pass
2	2348.950	42.95	74.0	31.05	Peak	255.00	100	Vertical	Pass
2**	2348.950	35.10	54.0	18.90	AV	255.00	100	Vertical	Pass
3	3919.145	45.56	74.0	28.44	Peak	188.00	200	Vertical	Pass
3**	3919.145	33.44	54.0	20.56	AV	188.00	200	Vertical	Pass
4	7680.310	50.38	74.0	23.62	Peak	93.00	300	Vertical	Pass
4**	7680.310	42.41	54.0	11.59	AV	93.00	300	Vertical	Pass
5	12530.753	57.05	74.0	16.95	Peak	259.00	300	Vertical	Pass
5**	12530.753	44.53	54.0	9.47	AV	259.00	300	Vertical	Pass
6	15384.363	55.35	74.0	18.65	Peak	105.00	300	Vertical	Pass
6**	15384.363	45.90	54.0	8.10	AV	105.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.905	40.06	74.0	33.94	Peak	347.00	400	Horizontal	Pass
1**	1510.905	32.53	54.0	21.47	AV	347.00	400	Horizontal	Pass
2	2346.852	46.74	74.0	27.26	Peak	75.00	300	Horizontal	Pass
2**	2346.852	40.44	54.0	13.56	AV	75.00	300	Horizontal	Pass
3	4203.016	48.62	74.0	25.38	Peak	28.00	200	Horizontal	Pass
3**	4203.016	35.90	54.0	18.10	AV	28.00	200	Horizontal	Pass
4	7435.603	53.71	74.0	20.29	Peak	19.00	100	Horizontal	Pass
4**	7435.603	44.12	54.0	9.88	AV	19.00	100	Horizontal	Pass
5	12515.463	52.66	74.0	21.34	Peak	156.00	300	Horizontal	Pass
5**	12515.463	48.31	54.0	5.69	AV	156.00	300	Horizontal	Pass
6	16147.960	55.82	74.0	18.18	Peak	47.00	300	Horizontal	Pass
6**	16147.960	41.49	54.0	12.51	AV	47.00	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	1566.554	34.62	74.0	39.38	Peak	289.00	200	Vertical	Pass
1**	1566.554	24.89	54.0	29.11	AV	289.00	200	Vertical	Pass
2	2349.065	46.87	74.0	27.13	Peak	291.00	300	Vertical	Pass
2**	2349.065	31.76	54.0	22.24	AV	291.00	300	Vertical	Pass
3	3914.135	44.89	74.0	29.11	Peak	335.00	200	Vertical	Pass
3**	3914.135	36.04	54.0	17.96	AV	335.00	200	Vertical	Pass
4	7678.176	49.83	74.0	24.17	Peak	88.00	100	Vertical	Pass
4**	7678.176	44.52	54.0	9.48	AV	88.00	100	Vertical	Pass
5	12531.413	56.59	74.0	17.41	Peak	41.00	300	Vertical	Pass
5**	12531.413	39.84	54.0	14.16	AV	41.00	300	Vertical	Pass
6	15383.843	51.02	74.0	22.98	Peak	285.00	300	Vertical	Pass
6**	15383.843	42.37	54.0	11.63	AV	285.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.275	40.05	74.0	33.95	Peak	87.00	400	Horizontal	Pass
1**	1508.275	27.37	54.0	26.63	AV	87.00	400	Horizontal	Pass
2	2350.790	47.52	74.0	26.48	Peak	65.00	400	Horizontal	Pass
2**	2350.790	34.77	54.0	19.23	AV	65.00	400	Horizontal	Pass
3	4208.443	50.67	74.0	23.33	Peak	227.00	200	Horizontal	Pass
3**	4208.443	37.95	54.0	16.05	AV	227.00	200	Horizontal	Pass
4	7437.895	54.88	74.0	19.12	Peak	178.00	400	Horizontal	Pass
4**	7437.895	43.31	54.0	10.69	AV	178.00	400	Horizontal	Pass
5	12516.041	55.45	74.0	18.55	Peak	287.00	400	Horizontal	Pass
5**	12516.041	48.06	54.0	5.94	AV	287.00	400	Horizontal	Pass
6	16150.072	55.95	74.0	18.05	Peak	296.00	400	Horizontal	Pass
6**	16150.072	44.54	54.0	9.46	AV	296.00	400	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	1569.666	35.93	74.0	38.07	Peak	145.00	400	Vertical	Pass
1**	1569.666	29.59	54.0	24.41	AV	145.00	400	Vertical	Pass
2	2344.861	44.95	74.0	29.05	Peak	279.00	300	Vertical	Pass
2**	2344.861	30.63	54.0	23.37	AV	279.00	300	Vertical	Pass
3	3917.290	45.41	74.0	28.59	Peak	347.00	200	Vertical	Pass
3**	3917.290	35.70	54.0	18.30	AV	347.00	200	Vertical	Pass
4	7680.060	51.00	74.0	23.00	Peak	234.00	300	Vertical	Pass
4**	7680.060	41.90	54.0	12.10	AV	234.00	300	Vertical	Pass
5	12526.225	52.87	74.0	21.13	Peak	171.00	100	Vertical	Pass
5**	12526.225	41.80	54.0	12.20	AV	171.00	100	Vertical	Pass
6	15385.985	50.32	74.0	23.68	Peak	169.00	200	Vertical	Pass
6**	15385.985	41.72	54.0	12.28	AV	169.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.541	42.32	74.0	31.68	Peak	159.00	300	Horizontal	Pass
1**	1509.541	27.82	54.0	26.18	AV	159.00	300	Horizontal	Pass
2	2349.382	46.64	74.0	27.36	Peak	120.00	200	Horizontal	Pass
2**	2349.382	38.70	54.0	15.30	AV	120.00	200	Horizontal	Pass
3	4204.116	45.96	74.0	28.04	Peak	274.00	200	Horizontal	Pass
3**	4204.116	36.71	54.0	17.29	AV	274.00	200	Horizontal	Pass
4	7432.756	55.00	74.0	19.00	Peak	255.00	300	Horizontal	Pass
4**	7432.756	45.32	54.0	8.68	AV	255.00	300	Horizontal	Pass
5	12514.601	52.97	74.0	21.03	Peak	321.00	100	Horizontal	Pass
5**	12514.601	45.69	54.0	8.31	AV	321.00	100	Horizontal	Pass
6	16144.338	52.58	74.0	21.42	Peak	138.00	400	Horizontal	Pass
6**	16144.338	42.43	54.0	11.57	AV	138.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.452	38.81	74.0	35.19	Peak	240.00	100	Vertical	Pass
1**	1574.452	29.53	54.0	24.47	AV	240.00	100	Vertical	Pass
2	2348.418	47.38	74.0	26.62	Peak	15.00	300	Vertical	Pass
2**	2348.418	33.28	54.0	20.72	AV	15.00	300	Vertical	Pass
3	3915.803	44.71	74.0	29.29	Peak	231.00	200	Vertical	Pass
3**	3915.803	34.63	54.0	19.37	AV	231.00	200	Vertical	Pass
4	7682.041	54.95	74.0	19.05	Peak	233.00	200	Vertical	Pass
4**	7682.041	44.18	54.0	9.82	AV	233.00	200	Vertical	Pass
5	12533.706	53.73	74.0	20.27	Peak	358.00	300	Vertical	Pass
5**	12533.706	40.96	54.0	13.04	AV	358.00	300	Vertical	Pass
6	15379.286	55.38	74.0	18.62	Peak	107.00	200	Vertical	Pass
6**	15379.286	43.61	54.0	10.39	AV	107.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.535	41.12	74.0	32.88	Peak	265.00	300	Horizontal	Pass
1**	1511.535	27.94	54.0	26.06	AV	265.00	300	Horizontal	Pass
2	2349.608	43.04	74.0	30.96	Peak	277.00	100	Horizontal	Pass
2**	2349.608	39.31	54.0	14.69	AV	277.00	100	Horizontal	Pass
3	4207.716	48.35	74.0	25.65	Peak	111.00	200	Horizontal	Pass
3**	4207.716	38.37	54.0	15.63	AV	111.00	200	Horizontal	Pass
4	7431.144	54.42	74.0	19.58	Peak	360.00	100	Horizontal	Pass
4**	7431.144	40.17	54.0	13.83	AV	360.00	100	Horizontal	Pass
5	12519.559	54.64	74.0	19.36	Peak	355.00	400	Horizontal	Pass
5**	12519.559	47.12	54.0	6.88	AV	355.00	400	Horizontal	Pass
6	16148.323	51.76	74.0	22.24	Peak	282.00	100	Horizontal	Pass
6**	16148.323	43.52	54.0	10.48	AV	282.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.752	35.16	74.0	38.84	Peak	49.00	200	Vertical	Pass
1**	1566.752	26.02	54.0	27.98	AV	49.00	200	Vertical	Pass
2	2346.873	46.22	74.0	27.78	Peak	94.00	300	Vertical	Pass
2**	2346.873	34.70	54.0	19.30	AV	94.00	300	Vertical	Pass
3	3919.860	44.08	74.0	29.92	Peak	17.00	200	Vertical	Pass
3**	3919.860	36.14	54.0	17.86	AV	17.00	200	Vertical	Pass
4	7682.618	51.51	74.0	22.49	Peak	197.00	300	Vertical	Pass
4**	7682.618	42.67	54.0	11.33	AV	197.00	300	Vertical	Pass
5	12526.398	58.35	74.0	15.65	Peak	258.00	100	Vertical	Pass
5**	12526.398	44.53	54.0	9.47	AV	258.00	100	Vertical	Pass
6	15381.432	50.94	74.0	23.06	Peak	230.00	200	Vertical	Pass
6**	15381.432	45.98	54.0	8.02	AV	230.00	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	1515.493	37.41	74.0	36.59	Peak	209.00	100	Horizontal	Pass
1**	1515.493	28.01	54.0	25.99	AV	209.00	100	Horizontal	Pass
2	2348.532	43.71	74.0	30.29	Peak	314.00	400	Horizontal	Pass
2**	2348.532	35.45	54.0	18.55	AV	314.00	400	Horizontal	Pass
3	4204.050	46.47	74.0	27.53	Peak	115.00	200	Horizontal	Pass
3**	4204.050	39.25	54.0	14.75	AV	115.00	200	Horizontal	Pass
4	7435.903	51.88	74.0	22.12	Peak	159.00	300	Horizontal	Pass
4**	7435.903	39.88	54.0	14.12	AV	159.00	300	Horizontal	Pass
5	12517.756	56.47	74.0	17.53	Peak	177.00	100	Horizontal	Pass
5**	12517.756	47.39	54.0	6.61	AV	177.00	100	Horizontal	Pass
6	16144.385	54.08	74.0	19.92	Peak	314.00	400	Horizontal	Pass
6**	16144.385	45.28	54.0	8.72	AV	314.00	400	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	1569.056	35.26	74.0	38.74	Peak	135.00	200	Vertical	Pass
1**	1569.056	24.80	54.0	29.20	AV	135.00	200	Vertical	Pass
2	2348.937	44.51	74.0	29.49	Peak	289.00	300	Vertical	Pass
2**	2348.937	34.71	54.0	19.29	AV	289.00	300	Vertical	Pass
3	3915.945	47.02	74.0	26.98	Peak	330.00	200	Vertical	Pass
3**	3915.945	37.73	54.0	16.27	AV	330.00	200	Vertical	Pass
4	7684.064	49.34	74.0	24.66	Peak	64.00	300	Vertical	Pass
4**	7684.064	42.53	54.0	11.47	AV	64.00	300	Vertical	Pass
5	12529.867	55.84	74.0	18.16	Peak	242.00	300	Vertical	Pass
5**	12529.867	43.97	54.0	10.03	AV	242.00	300	Vertical	Pass
6	15382.797	53.80	74.0	20.20	Peak	22.00	200	Vertical	Pass
6**	15382.797	44.62	54.0	9.38	AV	22.00	200	Vertical	Pass

11ax20(SU), 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	1510.889	37.53	74.0	36.47	Peak	193.00	400	Horizontal	Pass
1**	1510.889	28.19	54.0	25.81	AV	193.00	400	Horizontal	Pass
2	2348.354	43.78	74.0	30.22	Peak	102.00	400	Horizontal	Pass
2**	2348.354	38.86	54.0	15.14	AV	102.00	400	Horizontal	Pass
3	4203.251	45.26	74.0	28.74	Peak	120.00	200	Horizontal	Pass
3**	4203.251	37.99	54.0	16.01	AV	120.00	200	Horizontal	Pass
4	7434.684	52.86	74.0	21.14	Peak	240.00	300	Horizontal	Pass
4**	7434.684	39.96	54.0	14.04	AV	240.00	300	Horizontal	Pass
5	12518.085	57.31	74.0	16.69	Peak	181.00	100	Horizontal	Pass
5**	12518.085	46.82	54.0	7.18	AV	181.00	100	Horizontal	Pass
6	16148.046	55.28	74.0	18.72	Peak	253.00	200	Horizontal	Pass
6**	16148.046	44.05	54.0	9.95	AV	253.00	200	Horizontal	Pass

11ax20(SU), 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	1571.602	38.00	74.0	36.00	Peak	236.00	200	Vertical	Pass
1**	1571.602	26.76	54.0	27.24	AV	236.00	200	Vertical	Pass
2	2350.456	47.15	74.0	26.85	Peak	189.00	100	Vertical	Pass
2**	2350.456	35.60	54.0	18.40	AV	189.00	100	Vertical	Pass
3	3920.482	46.90	74.0	27.10	Peak	17.00	200	Vertical	Pass
3**	3920.482	33.33	54.0	20.67	AV	17.00	200	Vertical	Pass
4	7681.679	54.94	74.0	19.06	Peak	79.00	300	Vertical	Pass
4**	7681.679	45.59	54.0	8.41	AV	79.00	300	Vertical	Pass
5	12532.537	54.74	74.0	19.26	Peak	173.00	300	Vertical	Pass
5**	12532.537	44.01	54.0	9.99	AV	173.00	300	Vertical	Pass
6	15381.984	52.66	74.0	21.34	Peak	103.00	200	Vertical	Pass
6**	15381.984	43.70	54.0	10.30	AV	103.00	200	Vertical	Pass

11ax20(SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.499	42.18	74.0	31.82	Peak	212.00	400	Horizontal	Pass
1**	1510.499	31.73	54.0	22.27	AV	212.00	400	Horizontal	Pass
2	2349.026	47.63	74.0	26.37	Peak	348.00	100	Horizontal	Pass
2**	2349.026	40.15	54.0	13.85	AV	348.00	100	Horizontal	Pass
3	4203.763	49.68	74.0	24.32	Peak	106.00	200	Horizontal	Pass
3**	4203.763	40.06	54.0	13.94	AV	106.00	200	Horizontal	Pass
4	7432.947	51.70	74.0	22.30	Peak	300.00	200	Horizontal	Pass
4**	7432.947	42.98	54.0	11.02	AV	300.00	200	Horizontal	Pass
5	12518.758	58.30	74.0	15.70	Peak	97.00	100	Horizontal	Pass
5**	12518.758	47.11	54.0	6.89	AV	97.00	100	Horizontal	Pass
6	16149.431	57.34	74.0	16.66	Peak	118.00	300	Horizontal	Pass
6**	16149.431	46.69	54.0	7.31	AV	118.00	300	Horizontal	Pass

11ax20(SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.536	35.36	74.0	38.64	Peak	312.00	400	Vertical	Pass
1**	1572.536	24.84	54.0	29.16	AV	312.00	400	Vertical	Pass
2	2346.987	41.95	74.0	32.05	Peak	310.00	300	Vertical	Pass
2**	2346.987	30.48	54.0	23.52	AV	310.00	300	Vertical	Pass
3	3919.923	46.67	74.0	27.33	Peak	52.00	200	Vertical	Pass
3**	3919.923	35.64	54.0	18.36	AV	52.00	200	Vertical	Pass
4	7682.173	51.82	74.0	22.18	Peak	47.00	400	Vertical	Pass
4**	7682.173	41.75	54.0	12.25	AV	47.00	400	Vertical	Pass
5	12531.876	56.01	74.0	17.99	Peak	309.00	300	Vertical	Pass
5**	12531.876	41.28	54.0	12.72	AV	309.00	300	Vertical	Pass
6	15384.136	54.48	74.0	19.52	Peak	40.00	400	Vertical	Pass
6**	15384.136	43.42	54.0	10.58	AV	40.00	400	Vertical	Pass

11ax20(SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.457	37.39	74.0	36.61	Peak	329.00	100	Horizontal	Pass
1**	1513.457	30.41	54.0	23.59	AV	329.00	100	Horizontal	Pass
2	2352.188	45.00	74.0	29.00	Peak	4.00	200	Horizontal	Pass
2**	2352.188	36.09	54.0	17.91	AV	4.00	200	Horizontal	Pass
3	4203.746	47.66	74.0	26.34	Peak	46.00	200	Horizontal	Pass
3**	4203.746	39.82	54.0	14.18	AV	46.00	200	Horizontal	Pass
4	7437.842	56.72	74.0	17.28	Peak	193.00	300	Horizontal	Pass
4**	7437.842	45.38	54.0	8.62	AV	193.00	300	Horizontal	Pass
5	12518.354	53.54	74.0	20.46	Peak	265.00	400	Horizontal	Pass
5**	12518.354	47.48	54.0	6.52	AV	265.00	400	Horizontal	Pass
6	16144.062	54.63	74.0	19.37	Peak	271.00	200	Horizontal	Pass
6**	16144.062	45.26	54.0	8.74	AV	271.00	200	Horizontal	Pass

11ax20(SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.443	35.80	74.0	38.20	Peak	97.00	100	Vertical	Pass
1**	1573.443	27.08	54.0	26.92	AV	97.00	100	Vertical	Pass
2	2349.160	43.66	74.0	30.34	Peak	147.00	400	Vertical	Pass
2**	2349.160	33.15	54.0	20.85	AV	147.00	400	Vertical	Pass
3	3913.860	43.71	74.0	30.29	Peak	286.00	200	Vertical	Pass
3**	3913.860	35.71	54.0	18.29	AV	286.00	200	Vertical	Pass
4	7679.273	51.11	74.0	22.89	Peak	14.00	100	Vertical	Pass
4**	7679.273	44.41	54.0	9.59	AV	14.00	100	Vertical	Pass
5	12527.007	52.86	74.0	21.14	Peak	207.00	400	Vertical	Pass
5**	12527.007	40.56	54.0	13.44	AV	207.00	400	Vertical	Pass
6	15381.180	54.92	74.0	19.08	Peak	334.00	200	Vertical	Pass
6**	15381.180	43.81	54.0	10.19	AV	334.00	200	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	1521.240	39.49	74.0	34.51	Peak	29.00	300	Horizontal	Pass
1**	1521.240	27.46	54.0	26.54	AV	29.00	300	Horizontal	Pass
2	2271.277	44.96	74.0	29.04	Peak	61.00	200	Horizontal	Pass
2**	2271.277	35.80	54.0	18.20	AV	61.00	200	Horizontal	Pass
3	4042.628	45.25	74.0	28.75	Peak	134.00	200	Horizontal	Pass
3**	4042.628	39.79	54.0	14.21	AV	134.00	200	Horizontal	Pass
4	7624.040	55.64	74.0	18.36	Peak	269.00	300	Horizontal	Pass
4**	7624.040	41.15	54.0	12.85	AV	269.00	300	Horizontal	Pass
5	12456.433	51.76	74.0	22.24	Peak	223.00	200	Horizontal	Pass
5**	12456.433	43.77	54.0	10.23	AV	223.00	200	Horizontal	Pass
6	15904.124	54.71	74.0	19.29	Peak	268.00	300	Horizontal	Pass
6**	15904.124	41.73	54.0	12.27	AV	268.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.161	40.68	74.0	33.32	Peak	351.00	300	Vertical	Pass
1**	1531.161	30.30	54.0	23.70	AV	351.00	300	Vertical	Pass
2	2334.065	42.13	74.0	31.87	Peak	262.00	300	Vertical	Pass
2**	2334.065	35.65	54.0	18.35	AV	262.00	300	Vertical	Pass
3	4901.991	52.76	74.0	21.24	Peak	194.00	200	Vertical	Pass
3**	4901.991	37.43	54.0	16.57	AV	194.00	200	Vertical	Pass
4	7328.407	51.51	74.0	22.49	Peak	179.00	100	Vertical	Pass
4**	7328.407	45.62	54.0	8.38	AV	179.00	100	Vertical	Pass
5	12484.222	54.88	74.0	19.12	Peak	345.00	400	Vertical	Pass
5**	12484.222	44.82	54.0	9.18	AV	345.00	400	Vertical	Pass
6	15692.647	50.82	74.0	23.18	Peak	264.00	200	Vertical	Pass
6**	15692.647	42.81	54.0	11.19	AV	264.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.402	41.10	74.0	32.90	Peak	146.00	300	Horizontal	Pass
1**	1523.402	25.82	54.0	28.18	AV	146.00	300	Horizontal	Pass
2	2272.356	43.32	74.0	30.68	Peak	34.00	400	Horizontal	Pass
2**	2272.356	33.59	54.0	20.41	AV	34.00	400	Horizontal	Pass
3	4048.862	47.11	74.0	26.89	Peak	55.00	200	Horizontal	Pass
3**	4048.862	40.09	54.0	13.91	AV	55.00	200	Horizontal	Pass
4	7619.149	53.45	74.0	20.55	Peak	281.00	400	Horizontal	Pass
4**	7619.149	41.39	54.0	12.61	AV	281.00	400	Horizontal	Pass
5	12457.804	55.97	74.0	18.03	Peak	102.00	400	Horizontal	Pass
5**	12457.804	41.90	54.0	12.10	AV	102.00	400	Horizontal	Pass
6	15901.342	51.00	74.0	23.00	Peak	319.00	300	Horizontal	Pass
6**	15901.342	43.74	54.0	10.26	AV	319.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.049	36.87	74.0	37.13	Peak	164.00	300	Vertical	Pass
1**	1528.049	28.95	54.0	25.05	AV	164.00	300	Vertical	Pass
2	2339.457	41.66	74.0	32.34	Peak	110.00	300	Vertical	Pass
2**	2339.457	37.93	54.0	16.07	AV	110.00	300	Vertical	Pass
3	4896.352	50.99	74.0	23.01	Peak	169.00	200	Vertical	Pass
3**	4896.352	41.07	54.0	12.93	AV	169.00	200	Vertical	Pass
4	7327.654	55.25	74.0	18.75	Peak	298.00	200	Vertical	Pass
4**	7327.654	42.71	54.0	11.29	AV	298.00	200	Vertical	Pass
5	12485.097	55.43	74.0	18.57	Peak	243.00	400	Vertical	Pass
5**	12485.097	44.64	54.0	9.36	AV	243.00	400	Vertical	Pass
6	15693.450	55.63	74.0	18.37	Peak	114.00	300	Vertical	Pass
6**	15693.450	42.23	54.0	11.77	AV	114.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.325	36.95	74.0	37.05	Peak	247.00	300	Horizontal	Pass
1**	1527.325	29.69	54.0	24.31	AV	247.00	300	Horizontal	Pass
2	2274.964	43.43	74.0	30.57	Peak	284.00	200	Horizontal	Pass
2**	2274.964	36.39	54.0	17.61	AV	284.00	200	Horizontal	Pass
3	4049.820	45.52	74.0	28.48	Peak	343.00	200	Horizontal	Pass
3**	4049.820	38.91	54.0	15.09	AV	343.00	200	Horizontal	Pass
4	7620.581	54.10	74.0	19.90	Peak	300.00	300	Horizontal	Pass
4**	7620.581	46.10	54.0	7.90	AV	300.00	300	Horizontal	Pass
5	12453.728	54.38	74.0	19.62	Peak	88.00	300	Horizontal	Pass
5**	12453.728	44.67	54.0	9.33	AV	88.00	300	Horizontal	Pass
6	15900.381	53.76	74.0	20.24	Peak	318.00	100	Horizontal	Pass
6**	15900.381	43.42	54.0	10.58	AV	318.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.728	38.38	74.0	35.62	Peak	47.00	400	Vertical	Pass
1**	1529.728	25.62	54.0	28.38	AV	47.00	400	Vertical	Pass
2	2333.560	43.27	74.0	30.73	Peak	293.00	200	Vertical	Pass
2**	2333.560	34.74	54.0	19.26	AV	293.00	200	Vertical	Pass
3	4903.698	50.31	74.0	23.69	Peak	172.00	200	Vertical	Pass
3**	4903.698	41.62	54.0	12.38	AV	172.00	200	Vertical	Pass
4	7323.350	54.18	74.0	19.82	Peak	356.00	100	Vertical	Pass
4**	7323.350	43.54	54.0	10.46	AV	356.00	100	Vertical	Pass
5	12486.677	50.45	74.0	23.55	Peak	12.00	300	Vertical	Pass
5**	12486.677	45.63	54.0	8.37	AV	12.00	300	Vertical	Pass
6	15690.204	54.86	74.0	19.14	Peak	122.00	100	Vertical	Pass
6**	15690.204	45.04	54.0	8.96	AV	122.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.521	35.82	74.0	38.18	Peak	88.00	200	Horizontal	Pass
1**	1525.521	28.51	54.0	25.49	AV	88.00	200	Horizontal	Pass
2	2276.908	44.69	74.0	29.31	Peak	82.00	400	Horizontal	Pass
2**	2276.908	33.76	54.0	20.24	AV	82.00	400	Horizontal	Pass
3	4046.321	49.97	74.0	24.03	Peak	49.00	200	Horizontal	Pass
3**	4046.321	35.15	54.0	18.85	AV	49.00	200	Horizontal	Pass
4	7623.462	51.66	74.0	22.34	Peak	45.00	200	Horizontal	Pass
4**	7623.462	43.40	54.0	10.60	AV	45.00	200	Horizontal	Pass
5	12454.430	55.80	74.0	18.20	Peak	260.00	100	Horizontal	Pass
5**	12454.430	47.17	54.0	6.83	AV	260.00	100	Horizontal	Pass
6	15900.594	53.05	74.0	20.95	Peak	291.00	400	Horizontal	Pass
6**	15900.594	41.93	54.0	12.07	AV	291.00	400	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	1530.467	36.25	74.0	37.75	Peak	239.00	100	Vertical	Pass
1**	1530.467	30.88	54.0	23.12	AV	239.00	100	Vertical	Pass
2	2335.706	45.83	74.0	28.17	Peak	4.00	100	Vertical	Pass
2**	2335.706	34.18	54.0	19.82	AV	4.00	100	Vertical	Pass
3	4900.814	51.91	74.0	22.09	Peak	158.00	200	Vertical	Pass
3**	4900.814	38.81	54.0	15.19	AV	158.00	200	Vertical	Pass
4	7330.514	51.25	74.0	22.75	Peak	340.00	400	Vertical	Pass
4**	7330.514	42.55	54.0	11.45	AV	340.00	400	Vertical	Pass
5	12489.298	55.77	74.0	18.23	Peak	306.00	300	Vertical	Pass
5**	12489.298	41.20	54.0	12.80	AV	306.00	300	Vertical	Pass
6	15691.384	53.38	74.0	20.62	Peak	58.00	300	Vertical	Pass
6**	15691.384	44.98	54.0	9.02	AV	58.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.557	36.59	74.0	37.41	Peak	106.00	100	Horizontal	Pass
1**	1525.557	27.73	54.0	26.27	AV	106.00	100	Horizontal	Pass
2	2277.098	41.80	74.0	32.20	Peak	58.00	400	Horizontal	Pass
2**	2277.098	35.47	54.0	18.53	AV	58.00	400	Horizontal	Pass
3	4049.595	45.00	74.0	29.00	Peak	67.00	200	Horizontal	Pass
3**	4049.595	34.59	54.0	19.41	AV	67.00	200	Horizontal	Pass
4	7621.117	54.25	74.0	19.75	Peak	313.00	400	Horizontal	Pass
4**	7621.117	43.46	54.0	10.54	AV	313.00	400	Horizontal	Pass
5	12451.384	51.21	74.0	22.79	Peak	84.00	100	Horizontal	Pass
5**	12451.384	44.18	54.0	9.82	AV	84.00	100	Horizontal	Pass
6	15906.756	56.24	74.0	17.76	Peak	260.00	400	Horizontal	Pass
6**	15906.756	46.50	54.0	7.50	AV	260.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.094	39.60	74.0	34.40	Peak	74.00	400	Vertical	Pass
1**	1530.094	27.22	54.0	26.78	AV	74.00	400	Vertical	Pass
2	2334.635	44.78	74.0	29.22	Peak	161.00	100	Vertical	Pass
2**	2334.635	36.09	54.0	17.91	AV	161.00	100	Vertical	Pass
3	4900.308	48.59	74.0	25.41	Peak	56.00	200	Vertical	Pass
3**	4900.308	41.15	54.0	12.85	AV	56.00	200	Vertical	Pass
4	7328.205	51.22	74.0	22.78	Peak	20.00	100	Vertical	Pass
4**	7328.205	44.12	54.0	9.88	AV	20.00	100	Vertical	Pass
5	12482.656	50.13	74.0	23.87	Peak	45.00	100	Vertical	Pass
5**	12482.656	43.52	54.0	10.48	AV	45.00	100	Vertical	Pass
6	15689.597	52.14	74.0	21.86	Peak	210.00	200	Vertical	Pass
6**	15689.597	45.77	54.0	8.23	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.542	37.06	74.0	36.94	Peak	86.00	400	Horizontal	Pass
1**	1526.542	29.10	54.0	24.90	AV	86.00	400	Horizontal	Pass
2	2270.979	42.93	74.0	31.07	Peak	311.00	100	Horizontal	Pass
2**	2270.979	33.15	54.0	20.85	AV	311.00	100	Horizontal	Pass
3	4049.680	47.27	74.0	26.73	Peak	35.00	200	Horizontal	Pass
3**	4049.680	36.93	54.0	17.07	AV	35.00	200	Horizontal	Pass
4	7619.121	55.86	74.0	18.14	Peak	81.00	100	Horizontal	Pass
4**	7619.121	42.92	54.0	11.08	AV	81.00	100	Horizontal	Pass
5	12454.578	52.64	74.0	21.36	Peak	265.00	200	Horizontal	Pass
5**	12454.578	42.18	54.0	11.82	AV	265.00	200	Horizontal	Pass
6	15905.909	52.98	74.0	21.02	Peak	268.00	400	Horizontal	Pass
6**	15905.909	43.02	54.0	10.98	AV	268.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.644	36.14	74.0	37.86	Peak	200.00	300	Vertical	Pass
1**	1533.644	30.18	54.0	23.82	AV	200.00	300	Vertical	Pass
2	2337.047	43.35	74.0	30.65	Peak	237.00	400	Vertical	Pass
2**	2337.047	36.47	54.0	17.53	AV	237.00	400	Vertical	Pass
3	4898.048	47.15	74.0	26.85	Peak	157.00	200	Vertical	Pass
3**	4898.048	39.38	54.0	14.62	AV	157.00	200	Vertical	Pass
4	7330.497	53.44	74.0	20.56	Peak	64.00	100	Vertical	Pass
4**	7330.497	42.79	54.0	11.21	AV	64.00	100	Vertical	Pass
5	12486.125	51.06	74.0	22.94	Peak	306.00	300	Vertical	Pass
5**	12486.125	42.55	54.0	11.45	AV	306.00	300	Vertical	Pass
6	15689.377	55.26	74.0	18.74	Peak	132.00	400	Vertical	Pass
6**	15689.377	45.18	54.0	8.82	AV	132.00	400	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	1521.455	40.61	74.0	33.39	Peak	169.00	100	Horizontal	Pass
1**	1521.455	31.08	54.0	22.92	AV	169.00	100	Horizontal	Pass
2	2271.664	40.98	74.0	33.02	Peak	242.00	200	Horizontal	Pass
2**	2271.664	33.80	54.0	20.20	AV	242.00	200	Horizontal	Pass
3	4046.949	49.14	74.0	24.86	Peak	261.00	200	Horizontal	Pass
3**	4046.949	34.32	54.0	19.68	AV	261.00	200	Horizontal	Pass
4	7621.208	54.49	74.0	19.51	Peak	8.00	300	Horizontal	Pass
4**	7621.208	41.74	54.0	12.26	AV	8.00	300	Horizontal	Pass
5	12457.524	55.46	74.0	18.54	Peak	180.00	400	Horizontal	Pass
5**	12457.524	45.53	54.0	8.47	AV	180.00	400	Horizontal	Pass
6	15905.923	52.71	74.0	21.29	Peak	58.00	400	Horizontal	Pass
6**	15905.923	46.50	54.0	7.50	AV	58.00	400	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	1532.186	40.72	74.0	33.28	Peak	148.00	100	Vertical	Pass
1**	1532.186	26.37	54.0	27.63	AV	148.00	100	Vertical	Pass
2	2333.566	42.14	74.0	31.86	Peak	13.00	200	Vertical	Pass
2**	2333.566	34.47	54.0	19.53	AV	13.00	200	Vertical	Pass
3	4904.014	48.65	74.0	25.35	Peak	286.00	200	Vertical	Pass
3**	4904.014	42.00	54.0	12.00	AV	286.00	200	Vertical	Pass
4	7325.888	52.81	74.0	21.19	Peak	199.00	200	Vertical	Pass
4**	7325.888	46.82	54.0	7.18	AV	199.00	200	Vertical	Pass
5	12484.320	52.30	74.0	21.70	Peak	349.00	400	Vertical	Pass
5**	12484.320	46.96	54.0	7.04	AV	349.00	400	Vertical	Pass
6	15694.179	53.52	74.0	20.48	Peak	90.00	100	Vertical	Pass
6**	15694.179	42.06	54.0	11.94	AV	90.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.146	41.43	74.0	32.57	Peak	189.00	300	Horizontal	Pass
1**	1524.146	29.08	54.0	24.92	AV	189.00	300	Horizontal	Pass
2	2277.902	42.38	74.0	31.62	Peak	117.00	200	Horizontal	Pass
2**	2277.902	34.46	54.0	19.54	AV	117.00	200	Horizontal	Pass
3	4045.388	49.17	74.0	24.83	Peak	185.00	200	Horizontal	Pass
3**	4045.388	37.41	54.0	16.59	AV	185.00	200	Horizontal	Pass
4	7622.025	54.34	74.0	19.66	Peak	220.00	300	Horizontal	Pass
4**	7622.025	45.31	54.0	8.69	AV	220.00	300	Horizontal	Pass
5	12456.091	52.03	74.0	21.97	Peak	140.00	400	Horizontal	Pass
5**	12456.091	41.76	54.0	12.24	AV	140.00	400	Horizontal	Pass
6	15907.120	53.29	74.0	20.71	Peak	184.00	200	Horizontal	Pass
6**	15907.120	44.67	54.0	9.33	AV	184.00	200	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	1527.539	37.71	74.0	36.29	Peak	139.00	300	Vertical	Pass
1**	1527.539	26.85	54.0	27.15	AV	139.00	300	Vertical	Pass
2	2339.187	47.13	74.0	26.87	Peak	7.00	100	Vertical	Pass
2**	2339.187	38.32	54.0	15.68	AV	7.00	100	Vertical	Pass
3	4897.662	50.13	74.0	23.87	Peak	266.00	200	Vertical	Pass
3**	4897.662	40.68	54.0	13.32	AV	266.00	200	Vertical	Pass
4	7325.833	50.36	74.0	23.64	Peak	160.00	400	Vertical	Pass
4**	7325.833	42.61	54.0	11.39	AV	160.00	400	Vertical	Pass
5	12486.674	50.59	74.0	23.41	Peak	125.00	200	Vertical	Pass
5**	12486.674	45.02	54.0	8.98	AV	125.00	200	Vertical	Pass
6	15693.406	56.18	74.0	17.82	Peak	317.00	200	Vertical	Pass
6**	15693.406	42.84	54.0	11.16	AV	317.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.413	40.06	74.0	33.94	Peak	327.00	100	Horizontal	Pass
1**	1527.413	29.14	54.0	24.86	AV	327.00	100	Horizontal	Pass
2	2275.325	45.72	74.0	28.28	Peak	228.00	300	Horizontal	Pass
2**	2275.325	36.28	54.0	17.72	AV	228.00	300	Horizontal	Pass
3	4049.562	50.06	74.0	23.94	Peak	319.00	200	Horizontal	Pass
3**	4049.562	37.13	54.0	16.87	AV	319.00	200	Horizontal	Pass
4	7621.266	53.36	74.0	20.64	Peak	301.00	400	Horizontal	Pass
4**	7621.266	40.76	54.0	13.24	AV	301.00	400	Horizontal	Pass
5	12452.137	52.14	74.0	21.86	Peak	100.00	200	Horizontal	Pass
5**	12452.137	44.84	54.0	9.16	AV	100.00	200	Horizontal	Pass
6	15906.922	51.13	74.0	22.87	Peak	351.00	100	Horizontal	Pass
6**	15906.922	41.73	54.0	12.27	AV	351.00	100	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	1533.923	37.95	74.0	36.05	Peak	233.00	300	Vertical	Pass
1**	1533.923	26.46	54.0	27.54	AV	233.00	300	Vertical	Pass
2	2335.515	47.26	74.0	26.74	Peak	311.00	300	Vertical	Pass
2**	2335.515	32.60	54.0	21.40	AV	311.00	300	Vertical	Pass
3	4903.498	48.50	74.0	25.50	Peak	297.00	200	Vertical	Pass
3**	4903.498	39.30	54.0	14.70	AV	297.00	200	Vertical	Pass
4	7324.579	56.01	74.0	17.99	Peak	12.00	400	Vertical	Pass
4**	7324.579	42.91	54.0	11.09	AV	12.00	400	Vertical	Pass
5	12483.512	55.91	74.0	18.09	Peak	318.00	200	Vertical	Pass
5**	12483.512	47.12	54.0	6.88	AV	318.00	200	Vertical	Pass
6	15694.064	55.41	74.0	18.59	Peak	194.00	300	Vertical	Pass
6**	15694.064	42.13	54.0	11.87	AV	194.00	300	Vertical	Pass

11ax20(SU), 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	1526.729	39.16	74.0	34.84	Peak	112.00	100	Horizontal	Pass
1**	1526.729	26.06	54.0	27.94	AV	112.00	100	Horizontal	Pass
2	2277.049	41.75	74.0	32.25	Peak	187.00	400	Horizontal	Pass
2**	2277.049	35.16	54.0	18.84	AV	187.00	400	Horizontal	Pass
3	4047.906	44.50	74.0	29.50	Peak	182.00	200	Horizontal	Pass
3**	4047.906	35.16	54.0	18.84	AV	182.00	200	Horizontal	Pass
4	7622.257	51.08	74.0	22.92	Peak	133.00	200	Horizontal	Pass
4**	7622.257	41.91	54.0	12.09	AV	133.00	200	Horizontal	Pass
5	12453.135	54.38	74.0	19.62	Peak	298.00	400	Horizontal	Pass
5**	12453.135	46.38	54.0	7.62	AV	298.00	400	Horizontal	Pass
6	15907.188	55.76	74.0	18.24	Peak	220.00	200	Horizontal	Pass
6**	15907.188	43.23	54.0	10.77	AV	220.00	200	Horizontal	Pass

11ax20(SU), 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	1533.146	36.95	74.0	37.05	Peak	357.00	100	Vertical	Pass
1**	1533.146	25.69	54.0	28.31	AV	357.00	100	Vertical	Pass
2	2332.325	47.22	74.0	26.78	Peak	126.00	100	Vertical	Pass
2**	2332.325	35.90	54.0	18.10	AV	126.00	100	Vertical	Pass
3	4899.370	52.07	74.0	21.93	Peak	342.00	200	Vertical	Pass
3**	4899.370	41.12	54.0	12.88	AV	342.00	200	Vertical	Pass
4	7331.105	53.94	74.0	20.06	Peak	26.00	400	Vertical	Pass
4**	7331.105	41.87	54.0	12.13	AV	26.00	400	Vertical	Pass
5	12485.056	52.87	74.0	21.13	Peak	219.00	100	Vertical	Pass
5**	12485.056	41.63	54.0	12.37	AV	219.00	100	Vertical	Pass
6	15689.521	55.58	74.0	18.42	Peak	257.00	400	Vertical	Pass
6**	15689.521	43.01	54.0	10.99	AV	257.00	400	Vertical	Pass

11ax20(SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.809	38.10	74.0	35.90	Peak	230.00	300	Horizontal	Pass
1**	1525.809	29.20	54.0	24.80	AV	230.00	300	Horizontal	Pass
2	2275.872	46.22	74.0	27.78	Peak	80.00	400	Horizontal	Pass
2**	2275.872	32.74	54.0	21.26	AV	80.00	400	Horizontal	Pass
3	4048.859	44.68	74.0	29.32	Peak	344.00	200	Horizontal	Pass
3**	4048.859	37.43	54.0	16.57	AV	344.00	200	Horizontal	Pass
4	7619.463	54.65	74.0	19.35	Peak	98.00	300	Horizontal	Pass
4**	7619.463	44.60	54.0	9.40	AV	98.00	300	Horizontal	Pass
5	12450.855	55.62	74.0	18.38	Peak	1.00	100	Horizontal	Pass
5**	12450.855	42.89	54.0	11.11	AV	1.00	100	Horizontal	Pass
6	15905.796	51.12	74.0	22.88	Peak	257.00	400	Horizontal	Pass
6**	15905.796	47.57	54.0	6.43	AV	257.00	400	Horizontal	Pass

11ax20(SU), 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	1529.021	38.54	74.0	35.46	Peak	217.00	400	Vertical	Pass
1**	1529.021	30.71	54.0	23.29	AV	217.00	400	Vertical	Pass
2	2338.262	46.59	74.0	27.41	Peak	196.00	400	Vertical	Pass
2**	2338.262	38.27	54.0	15.73	AV	196.00	400	Vertical	Pass
3	4898.189	51.64	74.0	22.36	Peak	97.00	200	Vertical	Pass
3**	4898.189	39.16	54.0	14.84	AV	97.00	200	Vertical	Pass
4	7324.981	54.99	74.0	19.01	Peak	335.00	300	Vertical	Pass
4**	7324.981	41.03	54.0	12.97	AV	335.00	300	Vertical	Pass
5	12483.221	50.32	74.0	23.68	Peak	306.00	300	Vertical	Pass
5**	12483.221	41.70	54.0	12.30	AV	306.00	300	Vertical	Pass
6	15690.636	54.68	74.0	19.32	Peak	84.00	100	Vertical	Pass
6**	15690.636	42.26	54.0	11.74	AV	84.00	100	Vertical	Pass

11ax20(SU), 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	1527.245	39.22	74.0	34.78	Peak	342.00	200	Horizontal	Pass
1**	1527.245	28.25	54.0	25.75	AV	342.00	200	Horizontal	Pass
2	2278.544	44.51	74.0	29.49	Peak	107.00	300	Horizontal	Pass
2**	2278.544	36.78	54.0	17.22	AV	107.00	300	Horizontal	Pass
3	4048.408	49.95	74.0	24.05	Peak	207.00	200	Horizontal	Pass
3**	4048.408	35.01	54.0	18.99	AV	207.00	200	Horizontal	Pass
4	7622.651	49.97	74.0	24.03	Peak	330.00	100	Horizontal	Pass
4**	7622.651	42.61	54.0	11.39	AV	330.00	100	Horizontal	Pass
5	12453.494	50.82	74.0	23.18	Peak	152.00	200	Horizontal	Pass
5**	12453.494	45.48	54.0	8.52	AV	152.00	200	Horizontal	Pass
6	15900.370	54.95	74.0	19.05	Peak	269.00	100	Horizontal	Pass
6**	15900.370	46.62	54.0	7.38	AV	269.00	100	Horizontal	Pass

11ax20(SU), 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	1527.668	36.29	74.0	37.71	Peak	98.00	200	Vertical	Pass
1**	1527.668	28.98	54.0	25.02	AV	98.00	200	Vertical	Pass
2	2338.055	44.94	74.0	29.06	Peak	212.00	300	Vertical	Pass
2**	2338.055	34.16	54.0	19.84	AV	212.00	300	Vertical	Pass
3	4898.118	48.88	74.0	25.12	Peak	224.00	200	Vertical	Pass
3**	4898.118	37.22	54.0	16.78	AV	224.00	200	Vertical	Pass
4	7330.169	51.36	74.0	22.64	Peak	183.00	200	Vertical	Pass
4**	7330.169	43.03	54.0	10.97	AV	183.00	200	Vertical	Pass
5	12489.200	52.66	74.0	21.34	Peak	175.00	300	Vertical	Pass
5**	12489.200	42.68	54.0	11.32	AV	175.00	300	Vertical	Pass
6	15690.984	51.08	74.0	22.92	Peak	249.00	400	Vertical	Pass
6**	15690.984	47.12	54.0	6.88	AV	249.00	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	1521.673	37.28	74.0	36.72	Peak	354.00	100	Horizontal	Pass
1**	1521.673	26.38	54.0	27.62	AV	354.00	100	Horizontal	Pass
2	2278.347	41.88	74.0	32.12	Peak	227.00	200	Horizontal	Pass
2**	2278.347	35.88	54.0	18.12	AV	227.00	200	Horizontal	Pass
3	4046.938	46.45	74.0	27.55	Peak	94.00	200	Horizontal	Pass
3**	4046.938	35.88	54.0	18.12	AV	94.00	200	Horizontal	Pass
4	7624.224	54.90	74.0	19.10	Peak	227.00	100	Horizontal	Pass
4**	7624.224	42.99	54.0	11.01	AV	227.00	100	Horizontal	Pass
5	12455.922	52.70	74.0	21.30	Peak	65.00	300	Horizontal	Pass
5**	12455.922	43.21	54.0	10.79	AV	65.00	300	Horizontal	Pass
6	15907.392	55.60	74.0	18.40	Peak	242.00	100	Horizontal	Pass
6**	15907.392	46.95	54.0	7.05	AV	242.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.937	40.26	74.0	33.74	Peak	21.00	100	Vertical	Pass
1**	1595.937	25.76	54.0	28.24	AV	21.00	100	Vertical	Pass
2	2224.408	43.10	74.0	30.90	Peak	289.00	100	Vertical	Pass
2**	2224.408	31.64	54.0	22.36	AV	289.00	100	Vertical	Pass
3	4260.440	45.51	74.0	28.49	Peak	242.00	200	Vertical	Pass
3**	4260.440	39.43	54.0	14.57	AV	242.00	200	Vertical	Pass
4	7708.734	54.40	74.0	19.60	Peak	72.00	200	Vertical	Pass
4**	7708.734	44.17	54.0	9.83	AV	72.00	200	Vertical	Pass
5	12498.455	51.29	74.0	22.71	Peak	304.00	100	Vertical	Pass
5**	12498.455	40.35	54.0	13.65	AV	304.00	100	Vertical	Pass
6	15675.961	58.01	74.0	15.99	Peak	323.00	400	Vertical	Pass
6**	15675.961	43.65	54.0	10.35	AV	323.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.256	38.77	74.0	35.23	Peak	110.00	200	Horizontal	Pass
1**	1527.256	30.57	54.0	23.43	AV	110.00	200	Horizontal	Pass
2	2276.879	42.53	74.0	31.47	Peak	196.00	100	Horizontal	Pass
2**	2276.879	33.77	54.0	20.23	AV	196.00	100	Horizontal	Pass
3	4042.628	47.96	74.0	26.04	Peak	116.00	200	Horizontal	Pass
3**	4042.628	35.75	54.0	18.25	AV	116.00	200	Horizontal	Pass
4	7623.367	55.04	74.0	18.96	Peak	29.00	200	Horizontal	Pass
4**	7623.367	42.20	54.0	11.80	AV	29.00	200	Horizontal	Pass
5	12451.476	54.99	74.0	19.01	Peak	106.00	400	Horizontal	Pass
5**	12451.476	42.48	54.0	11.52	AV	106.00	400	Horizontal	Pass
6	15901.366	52.33	74.0	21.67	Peak	264.00	400	Horizontal	Pass
6**	15901.366	44.43	54.0	9.57	AV	264.00	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	1594.589	38.04	74.0	35.96	Peak	129.00	400	Vertical	Pass
1**	1594.589	24.28	54.0	29.72	AV	129.00	400	Vertical	Pass
2	2227.887	41.02	74.0	32.98	Peak	218.00	300	Vertical	Pass
2**	2227.887	31.57	54.0	22.43	AV	218.00	300	Vertical	Pass
3	4261.404	48.50	74.0	25.50	Peak	289.00	200	Vertical	Pass
3**	4261.404	37.64	54.0	16.36	AV	289.00	200	Vertical	Pass
4	7705.237	57.56	74.0	16.44	Peak	87.00	400	Vertical	Pass
4**	7705.237	39.68	54.0	14.32	AV	87.00	400	Vertical	Pass
5	12499.470	55.44	74.0	18.56	Peak	260.00	100	Vertical	Pass
5**	12499.470	45.65	54.0	8.35	AV	260.00	100	Vertical	Pass
6	15669.986	53.19	74.0	20.81	Peak	110.00	300	Vertical	Pass
6**	15669.986	44.31	54.0	9.69	AV	110.00	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	1526.042	40.38	74.0	33.62	Peak	34.00	200	Horizontal	Pass
1**	1526.042	28.81	54.0	25.19	AV	34.00	200	Horizontal	Pass
2	2276.589	41.43	74.0	32.57	Peak	32.00	300	Horizontal	Pass
2**	2276.589	33.36	54.0	20.64	AV	32.00	300	Horizontal	Pass
3	4044.093	44.68	74.0	29.32	Peak	46.00	200	Horizontal	Pass
3**	4044.093	34.35	54.0	19.65	AV	46.00	200	Horizontal	Pass
4	7620.397	52.73	74.0	21.27	Peak	279.00	200	Horizontal	Pass
4**	7620.397	40.52	54.0	13.48	AV	279.00	200	Horizontal	Pass
5	12457.681	51.35	74.0	22.65	Peak	42.00	400	Horizontal	Pass
5**	12457.681	45.74	54.0	8.26	AV	42.00	400	Horizontal	Pass
6	15902.786	56.57	74.0	17.43	Peak	94.00	400	Horizontal	Pass
6**	15902.786	41.74	54.0	12.26	AV	94.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.721	43.07	74.0	30.93	Peak	189.00	100	Vertical	Pass
1**	1597.721	26.85	54.0	27.15	AV	189.00	100	Vertical	Pass
2	2227.041	41.80	74.0	32.20	Peak	117.00	200	Vertical	Pass
2**	2227.041	29.35	54.0	24.65	AV	117.00	200	Vertical	Pass
3	4254.500	47.81	74.0	26.19	Peak	78.00	200	Vertical	Pass
3**	4254.500	36.66	54.0	17.34	AV	78.00	200	Vertical	Pass
4	7705.726	56.04	74.0	17.96	Peak	334.00	200	Vertical	Pass
4**	7705.726	42.05	54.0	11.95	AV	334.00	200	Vertical	Pass
5	12496.938	53.95	74.0	20.05	Peak	45.00	100	Vertical	Pass
5**	12496.938	42.50	54.0	11.50	AV	45.00	100	Vertical	Pass
6	15675.528	54.58	74.0	19.42	Peak	10.00	100	Vertical	Pass
6**	15675.528	44.26	54.0	9.74	AV	10.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.662	38.84	74.0	35.16	Peak	331.00	100	Horizontal	Pass
1**	1525.662	29.54	54.0	24.46	AV	331.00	100	Horizontal	Pass
2	2271.964	43.22	74.0	30.78	Peak	267.00	400	Horizontal	Pass
2**	2271.964	37.11	54.0	16.89	AV	267.00	400	Horizontal	Pass
3	4044.727	45.26	74.0	28.74	Peak	244.00	200	Horizontal	Pass
3**	4044.727	39.34	54.0	14.66	AV	244.00	200	Horizontal	Pass
4	7616.936	51.10	74.0	22.90	Peak	135.00	300	Horizontal	Pass
4**	7616.936	46.22	54.0	7.78	AV	135.00	300	Horizontal	Pass
5	12452.519	54.02	74.0	19.98	Peak	139.00	100	Horizontal	Pass
5**	12452.519	41.76	54.0	12.24	AV	139.00	100	Horizontal	Pass
6	15901.727	54.84	74.0	19.16	Peak	69.00	200	Horizontal	Pass
6**	15901.727	47.48	54.0	6.52	AV	69.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.418	37.81	74.0	36.19	Peak	139.00	200	Vertical	Pass
1**	1599.418	27.10	54.0	26.90	AV	139.00	200	Vertical	Pass
2	2229.860	42.21	74.0	31.79	Peak	152.00	300	Vertical	Pass
2**	2229.860	33.95	54.0	20.05	AV	152.00	300	Vertical	Pass
3	4258.200	46.17	74.0	27.83	Peak	205.00	200	Vertical	Pass
3**	4258.200	36.05	54.0	17.95	AV	205.00	200	Vertical	Pass
4	7708.006	57.62	74.0	16.38	Peak	132.00	400	Vertical	Pass
4**	7708.006	41.61	54.0	12.39	AV	132.00	400	Vertical	Pass
5	12498.624	56.47	74.0	17.53	Peak	212.00	300	Vertical	Pass
5**	12498.624	41.28	54.0	12.72	AV	212.00	300	Vertical	Pass
6	15673.414	52.89	74.0	21.11	Peak	252.00	400	Vertical	Pass
6**	15673.414	42.82	54.0	11.18	AV	252.00	400	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	1524.847	41.22	74.0	32.78	Peak	135.00	400	Horizontal	Pass
1**	1524.847	30.08	54.0	23.92	AV	135.00	400	Horizontal	Pass
2	2277.721	46.62	74.0	27.38	Peak	111.00	300	Horizontal	Pass
2**	2277.721	31.63	54.0	22.37	AV	111.00	300	Horizontal	Pass
3	4046.816	49.84	74.0	24.16	Peak	166.00	200	Horizontal	Pass
3**	4046.816	38.88	54.0	15.12	AV	166.00	200	Horizontal	Pass
4	7621.287	55.25	74.0	18.75	Peak	287.00	100	Horizontal	Pass
4**	7621.287	43.26	54.0	10.74	AV	287.00	100	Horizontal	Pass
5	12457.088	50.11	74.0	23.89	Peak	315.00	100	Horizontal	Pass
5**	12457.088	44.47	54.0	9.53	AV	315.00	100	Horizontal	Pass
6	15906.643	54.04	74.0	19.96	Peak	101.00	400	Horizontal	Pass
6**	15906.643	42.25	54.0	11.75	AV	101.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.719	39.66	74.0	34.34	Peak	114.00	300	Vertical	Pass
1**	1596.719	23.04	54.0	30.96	AV	114.00	300	Vertical	Pass
2	2228.299	40.81	74.0	33.19	Peak	98.00	400	Vertical	Pass
2**	2228.299	31.77	54.0	22.23	AV	98.00	400	Vertical	Pass
3	4261.306	45.21	74.0	28.79	Peak	238.00	200	Vertical	Pass
3**	4261.306	35.59	54.0	18.41	AV	238.00	200	Vertical	Pass
4	7706.001	57.62	74.0	16.38	Peak	231.00	200	Vertical	Pass
4**	7706.001	45.15	54.0	8.85	AV	231.00	200	Vertical	Pass
5	12495.748	53.73	74.0	20.27	Peak	343.00	300	Vertical	Pass
5**	12495.748	44.83	54.0	9.17	AV	343.00	300	Vertical	Pass
6	15669.940	54.49	74.0	19.51	Peak	293.00	100	Vertical	Pass
6**	15669.940	40.32	54.0	13.68	AV	293.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.720	38.44	74.0	35.56	Peak	352.00	400	Horizontal	Pass
1**	1520.720	26.92	54.0	27.08	AV	352.00	400	Horizontal	Pass
2	2274.633	41.57	74.0	32.43	Peak	295.00	300	Horizontal	Pass
2**	2274.633	36.77	54.0	17.23	AV	295.00	300	Horizontal	Pass
3	4048.400	47.68	74.0	26.32	Peak	61.00	200	Horizontal	Pass
3**	4048.400	35.23	54.0	18.77	AV	61.00	200	Horizontal	Pass
4	7623.599	50.64	74.0	23.36	Peak	154.00	400	Horizontal	Pass
4**	7623.599	43.26	54.0	10.74	AV	154.00	400	Horizontal	Pass
5	12458.498	55.34	74.0	18.66	Peak	53.00	400	Horizontal	Pass
5**	12458.498	46.43	54.0	7.57	AV	53.00	400	Horizontal	Pass
6	15900.065	52.30	74.0	21.70	Peak	48.00	300	Horizontal	Pass
6**	15900.065	44.56	54.0	9.44	AV	48.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.729	37.36	74.0	36.64	Peak	248.00	200	Vertical	Pass
1**	1599.729	23.10	54.0	30.90	AV	248.00	200	Vertical	Pass
2	2225.944	41.03	74.0	32.97	Peak	114.00	100	Vertical	Pass
2**	2225.944	34.17	54.0	19.83	AV	114.00	100	Vertical	Pass
3	4258.926	49.32	74.0	24.68	Peak	41.00	200	Vertical	Pass
3**	4258.926	40.19	54.0	13.81	AV	41.00	200	Vertical	Pass
4	7707.310	53.08	74.0	20.92	Peak	26.00	400	Vertical	Pass
4**	7707.310	41.33	54.0	12.67	AV	26.00	400	Vertical	Pass
5	12495.564	55.22	74.0	18.78	Peak	126.00	400	Vertical	Pass
5**	12495.564	42.10	54.0	11.90	AV	126.00	400	Vertical	Pass
6	15672.241	57.93	74.0	16.07	Peak	49.00	100	Vertical	Pass
6**	15672.241	45.63	54.0	8.37	AV	49.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.503	37.41	74.0	36.59	Peak	198.00	400	Horizontal	Pass
1**	1524.503	27.33	54.0	26.67	AV	198.00	400	Horizontal	Pass
2	2275.505	44.41	74.0	29.59	Peak	93.00	200	Horizontal	Pass
2**	2275.505	32.09	54.0	21.91	AV	93.00	200	Horizontal	Pass
3	4048.410	45.95	74.0	28.05	Peak	122.00	200	Horizontal	Pass
3**	4048.410	39.87	54.0	14.13	AV	122.00	200	Horizontal	Pass
4	7618.912	51.44	74.0	22.56	Peak	96.00	400	Horizontal	Pass
4**	7618.912	46.10	54.0	7.90	AV	96.00	400	Horizontal	Pass
5	12452.425	52.24	74.0	21.76	Peak	196.00	200	Horizontal	Pass
5**	12452.425	42.57	54.0	11.43	AV	196.00	200	Horizontal	Pass
6	15900.983	55.53	74.0	18.47	Peak	46.00	200	Horizontal	Pass
6**	15900.983	41.65	54.0	12.35	AV	46.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.932	37.47	74.0	36.53	Peak	105.00	200	Vertical	Pass
1**	1595.932	25.54	54.0	28.46	AV	105.00	200	Vertical	Pass
2	2223.748	39.46	74.0	34.54	Peak	100.00	200	Vertical	Pass
2**	2223.748	29.76	54.0	24.24	AV	100.00	200	Vertical	Pass
3	4257.655	49.59	74.0	24.41	Peak	70.00	200	Vertical	Pass
3**	4257.655	40.20	54.0	13.80	AV	70.00	200	Vertical	Pass
4	7704.904	55.07	74.0	18.93	Peak	40.00	100	Vertical	Pass
4**	7704.904	39.84	54.0	14.16	AV	40.00	100	Vertical	Pass
5	12496.454	54.24	74.0	19.76	Peak	286.00	100	Vertical	Pass
5**	12496.454	44.10	54.0	9.90	AV	286.00	100	Vertical	Pass
6	15675.196	53.07	74.0	20.93	Peak	274.00	400	Vertical	Pass
6**	15675.196	44.18	54.0	9.82	AV	274.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.487	36.61	74.0	37.39	Peak	77.00	300	Horizontal	Pass
1**	1522.487	27.98	54.0	26.02	AV	77.00	300	Horizontal	Pass
2	2273.187	45.54	74.0	28.46	Peak	344.00	100	Horizontal	Pass
2**	2273.187	31.92	54.0	22.08	AV	344.00	100	Horizontal	Pass
3	4045.687	49.73	74.0	24.27	Peak	93.00	200	Horizontal	Pass
3**	4045.687	35.53	54.0	18.47	AV	93.00	200	Horizontal	Pass
4	7623.867	52.06	74.0	21.94	Peak	336.00	100	Horizontal	Pass
4**	7623.867	46.02	54.0	7.98	AV	336.00	100	Horizontal	Pass
5	12451.464	52.79	74.0	21.21	Peak	297.00	100	Horizontal	Pass
5**	12451.464	41.47	54.0	12.53	AV	297.00	100	Horizontal	Pass
6	15907.303	51.49	74.0	22.51	Peak	130.00	100	Horizontal	Pass
6**	15907.303	47.44	54.0	6.56	AV	130.00	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	1601.877	42.89	74.0	31.11	Peak	293.00	100	Vertical	Pass
1**	1601.877	27.60	54.0	26.40	AV	293.00	100	Vertical	Pass
2	2228.784	41.72	74.0	32.28	Peak	51.00	100	Vertical	Pass
2**	2228.784	30.57	54.0	23.43	AV	51.00	100	Vertical	Pass
3	4254.227	48.24	74.0	25.76	Peak	26.00	200	Vertical	Pass
3**	4254.227	35.36	54.0	18.64	AV	26.00	200	Vertical	Pass
4	7704.904	56.01	74.0	17.99	Peak	221.00	100	Vertical	Pass
4**	7704.904	43.48	54.0	10.52	AV	221.00	100	Vertical	Pass
5	12500.384	55.95	74.0	18.05	Peak	92.00	400	Vertical	Pass
5**	12500.384	45.81	54.0	8.19	AV	92.00	400	Vertical	Pass
6	15670.995	53.90	74.0	20.10	Peak	164.00	100	Vertical	Pass
6**	15670.995	42.13	54.0	11.87	AV	164.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.412	41.51	74.0	32.49	Peak	35.00	300	Horizontal	Pass
1**	1525.412	29.77	54.0	24.23	AV	35.00	300	Horizontal	Pass
2	2272.766	46.31	74.0	27.69	Peak	198.00	300	Horizontal	Pass
2**	2272.766	36.45	54.0	17.55	AV	198.00	300	Horizontal	Pass
3	4049.248	48.53	74.0	25.47	Peak	102.00	200	Horizontal	Pass
3**	4049.248	34.65	54.0	19.35	AV	102.00	200	Horizontal	Pass
4	7621.602	52.26	74.0	21.74	Peak	163.00	100	Horizontal	Pass
4**	7621.602	43.56	54.0	10.44	AV	163.00	100	Horizontal	Pass
5	12451.121	54.02	74.0	19.98	Peak	29.00	300	Horizontal	Pass
5**	12451.121	46.51	54.0	7.49	AV	29.00	300	Horizontal	Pass
6	15902.499	56.21	74.0	17.79	Peak	42.00	300	Horizontal	Pass
6**	15902.499	43.71	54.0	10.29	AV	42.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.085	41.62	74.0	32.38	Peak	105.00	300	Vertical	Pass
1**	1598.085	25.44	54.0	28.56	AV	105.00	300	Vertical	Pass
2	2224.953	41.55	74.0	32.45	Peak	122.00	200	Vertical	Pass
2**	2224.953	31.75	54.0	22.25	AV	122.00	200	Vertical	Pass
3	4262.142	45.17	74.0	28.83	Peak	260.00	200	Vertical	Pass
3**	4262.142	36.44	54.0	17.56	AV	260.00	200	Vertical	Pass
4	7705.501	53.31	74.0	20.69	Peak	77.00	100	Vertical	Pass
4**	7705.501	44.05	54.0	9.95	AV	77.00	100	Vertical	Pass
5	12498.686	51.47	74.0	22.53	Peak	57.00	200	Vertical	Pass
5**	12498.686	44.46	54.0	9.54	AV	57.00	200	Vertical	Pass
6	15668.732	58.62	74.0	15.38	Peak	141.00	400	Vertical	Pass
6**	15668.732	43.11	54.0	10.89	AV	141.00	400	Vertical	Pass

11ax20(SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.278	39.43	74.0	34.57	Peak	359.00	300	Horizontal	Pass
1**	1525.278	28.08	54.0	25.92	AV	359.00	300	Horizontal	Pass
2	2272.931	45.18	74.0	28.82	Peak	329.00	100	Horizontal	Pass
2**	2272.931	35.21	54.0	18.79	AV	329.00	100	Horizontal	Pass
3	4050.462	45.12	74.0	28.88	Peak	117.00	200	Horizontal	Pass
3**	4050.462	38.90	54.0	15.10	AV	117.00	200	Horizontal	Pass
4	7623.315	51.26	74.0	22.74	Peak	66.00	100	Horizontal	Pass
4**	7623.315	40.66	54.0	13.34	AV	66.00	100	Horizontal	Pass
5	12455.262	50.19	74.0	23.81	Peak	49.00	100	Horizontal	Pass
5**	12455.262	44.48	54.0	9.52	AV	49.00	100	Horizontal	Pass
6	15905.276	52.82	74.0	21.18	Peak	69.00	200	Horizontal	Pass
6**	15905.276	47.11	54.0	6.89	AV	69.00	200	Horizontal	Pass

11ax20(SU), 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	1600.268	39.19	74.0	34.81	Peak	187.00	300	Vertical	Pass
1**	1600.268	27.64	54.0	26.36	AV	187.00	300	Vertical	Pass
2	2226.537	38.86	74.0	35.14	Peak	106.00	300	Vertical	Pass
2**	2226.537	33.71	54.0	20.29	AV	106.00	300	Vertical	Pass
3	4257.904	45.01	74.0	28.99	Peak	169.00	200	Vertical	Pass
3**	4257.904	37.80	54.0	16.20	AV	169.00	200	Vertical	Pass
4	7708.871	53.17	74.0	20.83	Peak	158.00	100	Vertical	Pass
4**	7708.871	44.83	54.0	9.17	AV	158.00	100	Vertical	Pass
5	12495.990	55.70	74.0	18.30	Peak	137.00	100	Vertical	Pass
5**	12495.990	45.53	54.0	8.47	AV	137.00	100	Vertical	Pass
6	15675.217	56.08	74.0	17.92	Peak	38.00	100	Vertical	Pass
6**	15675.217	45.07	54.0	8.93	AV	38.00	100	Vertical	Pass

11ax20(SU), 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	1524.836	40.50	74.0	33.50	Peak	226.00	300	Horizontal	Pass
1**	1524.836	27.46	54.0	26.54	AV	226.00	300	Horizontal	Pass
2	2271.867	41.90	74.0	32.10	Peak	196.00	300	Horizontal	Pass
2**	2271.867	31.65	54.0	22.35	AV	196.00	300	Horizontal	Pass
3	4044.947	48.98	74.0	25.02	Peak	146.00	200	Horizontal	Pass
3**	4044.947	37.29	54.0	16.71	AV	146.00	200	Horizontal	Pass
4	7618.343	50.43	74.0	23.57	Peak	342.00	100	Horizontal	Pass
4**	7618.343	41.29	54.0	12.71	AV	342.00	100	Horizontal	Pass
5	12453.080	50.10	74.0	23.90	Peak	30.00	400	Horizontal	Pass
5**	12453.080	46.03	54.0	7.97	AV	30.00	400	Horizontal	Pass
6	15902.864	51.70	74.0	22.30	Peak	107.00	200	Horizontal	Pass
6**	15902.864	44.99	54.0	9.01	AV	107.00	200	Horizontal	Pass

11ax20(SU), 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	1601.133	38.53	74.0	35.47	Peak	148.00	100	Vertical	Pass
1**	1601.133	28.37	54.0	25.63	AV	148.00	100	Vertical	Pass
2	2229.983	41.43	74.0	32.57	Peak	76.00	300	Vertical	Pass
2**	2229.983	28.71	54.0	25.29	AV	76.00	300	Vertical	Pass
3	4259.026	46.48	74.0	27.52	Peak	13.00	200	Vertical	Pass
3**	4259.026	41.11	54.0	12.89	AV	13.00	200	Vertical	Pass
4	7711.009	55.19	74.0	18.81	Peak	10.00	300	Vertical	Pass
4**	7711.009	44.45	54.0	9.55	AV	10.00	300	Vertical	Pass
5	12498.011	51.34	74.0	22.66	Peak	181.00	100	Vertical	Pass
5**	12498.011	43.57	54.0	10.43	AV	181.00	100	Vertical	Pass
6	15673.434	54.67	74.0	19.33	Peak	177.00	200	Vertical	Pass
6**	15673.434	44.21	54.0	9.79	AV	177.00	200	Vertical	Pass

11ax20(SU), 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	1521.987	38.28	74.0	35.72	Peak	352.00	200	Horizontal	Pass
1**	1521.987	28.54	54.0	25.46	AV	352.00	200	Horizontal	Pass
2	2272.329	44.75	74.0	29.25	Peak	314.00	400	Horizontal	Pass
2**	2272.329	37.24	54.0	16.76	AV	314.00	400	Horizontal	Pass
3	4047.183	44.54	74.0	29.46	Peak	53.00	200	Horizontal	Pass
3**	4047.183	38.51	54.0	15.49	AV	53.00	200	Horizontal	Pass
4	7617.327	53.84	74.0	20.16	Peak	171.00	100	Horizontal	Pass
4**	7617.327	44.63	54.0	9.37	AV	171.00	100	Horizontal	Pass
5	12452.854	51.75	74.0	22.25	Peak	1.00	400	Horizontal	Pass
5**	12452.854	41.57	54.0	12.43	AV	1.00	400	Horizontal	Pass
6	15904.428	51.75	74.0	22.25	Peak	276.00	200	Horizontal	Pass
6**	15904.428	47.43	54.0	6.57	AV	276.00	200	Horizontal	Pass

11ax20(SU), 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	1596.343	39.97	74.0	34.03	Peak	299.00	400	Vertical	Pass
1**	1596.343	24.91	54.0	29.09	AV	299.00	400	Vertical	Pass
2	2229.276	44.04	74.0	29.96	Peak	55.00	400	Vertical	Pass
2**	2229.276	30.02	54.0	23.98	AV	55.00	400	Vertical	Pass
3	4260.496	49.10	74.0	24.90	Peak	97.00	200	Vertical	Pass
3**	4260.496	39.90	54.0	14.10	AV	97.00	200	Vertical	Pass
4	7709.038	53.83	74.0	20.17	Peak	317.00	300	Vertical	Pass
4**	7709.038	41.71	54.0	12.29	AV	317.00	300	Vertical	Pass
5	12498.268	50.96	74.0	23.04	Peak	172.00	400	Vertical	Pass
5**	12498.268	43.30	54.0	10.70	AV	172.00	400	Vertical	Pass
6	15670.143	54.93	74.0	19.07	Peak	40.00	100	Vertical	Pass
6**	15670.143	45.12	54.0	8.88	AV	40.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.009	41.01	74.0	32.99	Peak	125.00	400	Horizontal	Pass
1**	1524.009	28.63	54.0	25.37	AV	125.00	400	Horizontal	Pass
2	4016.039	44.58	74.0	29.42	Peak	49.00	100	Horizontal	Pass
2**	4016.039	34.11	54.0	19.89	AV	49.00	100	Horizontal	Pass
3	7596.326	55.49	74.0	18.51	Peak	87.00	200	Horizontal	Pass
3**	7596.326	44.93	54.0	9.07	AV	87.00	200	Horizontal	Pass
4	12456.207	53.16	74.0	20.84	Peak	240.00	100	Horizontal	Pass
4**	12456.207	41.54	54.0	12.46	AV	240.00	100	Horizontal	Pass
5	16098.215	51.88	74.0	22.12	Peak	214.00	100	Horizontal	Pass
5**	16098.215	47.20	54.0	6.80	AV	214.00	100	Horizontal	Pass
6	17422.756	57.74	74.0	16.26	Peak	232.00	100	Horizontal	Pass
6**	17422.756	45.40	54.0	8.60	AV	232.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.778	47.38	74.0	26.62	Peak	195.00	200	Vertical	Pass
1**	1334.778	32.10	54.0	21.90	AV	195.00	200	Vertical	Pass
2	1438.842	43.91	74.0	30.09	Peak	259.00	400	Vertical	Pass
2**	1438.842	35.00	54.0	19.00	AV	259.00	400	Vertical	Pass
3	4314.754	44.60	74.0	29.40	Peak	122.00	200	Vertical	Pass
3**	4314.754	38.39	54.0	15.61	AV	122.00	200	Vertical	Pass
4	7596.873	56.00	74.0	18.00	Peak	242.00	200	Vertical	Pass
4**	7596.873	46.34	54.0	7.66	AV	242.00	200	Vertical	Pass
5	12536.358	55.00	74.0	19.00	Peak	257.00	300	Vertical	Pass
5**	12536.358	41.86	54.0	12.14	AV	257.00	300	Vertical	Pass
6	15902.744	52.66	74.0	21.34	Peak	181.00	200	Vertical	Pass
6**	15902.744	43.95	54.0	10.05	AV	181.00	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	1522.529	36.06	74.0	37.94	Peak	0.00	200	Horizontal	Pass
1**	1522.529	29.71	54.0	24.29	AV	0.00	200	Horizontal	Pass
2	4019.947	47.13	74.0	26.87	Peak	42.00	300	Horizontal	Pass
2**	4019.947	38.39	54.0	15.61	AV	42.00	300	Horizontal	Pass
3	7597.201	50.74	74.0	23.26	Peak	336.00	200	Horizontal	Pass
3**	7597.201	46.32	54.0	7.68	AV	336.00	200	Horizontal	Pass
4	12457.211	53.88	74.0	20.12	Peak	322.00	400	Horizontal	Pass
4**	12457.211	43.27	54.0	10.73	AV	322.00	400	Horizontal	Pass
5	16094.268	54.37	74.0	19.63	Peak	195.00	100	Horizontal	Pass
5**	16094.268	45.43	54.0	8.57	AV	195.00	100	Horizontal	Pass
6	17417.791	56.20	74.0	17.80	Peak	273.00	100	Horizontal	Pass
6**	17417.791	48.75	54.0	5.25	AV	273.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.784	42.85	74.0	31.15	Peak	228.00	400	Vertical	Pass
1**	1334.784	35.44	54.0	18.56	AV	228.00	400	Vertical	Pass
2	1437.716	41.65	74.0	32.35	Peak	308.00	100	Vertical	Pass
2**	1437.716	38.68	54.0	15.32	AV	308.00	100	Vertical	Pass
3	4313.892	49.89	74.0	24.11	Peak	97.00	200	Vertical	Pass
3**	4313.892	40.65	54.0	13.35	AV	97.00	200	Vertical	Pass
4	7593.593	50.81	74.0	23.19	Peak	177.00	400	Vertical	Pass
4**	7593.593	43.75	54.0	10.25	AV	177.00	400	Vertical	Pass
5	12532.222	53.11	74.0	20.89	Peak	198.00	200	Vertical	Pass
5**	12532.222	41.46	54.0	12.54	AV	198.00	200	Vertical	Pass
6	15905.085	54.54	74.0	19.46	Peak	229.00	300	Vertical	Pass
6**	15905.085	46.33	54.0	7.67	AV	229.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.916	37.86	74.0	36.14	Peak	129.00	400	Horizontal	Pass
1**	1524.916	29.79	54.0	24.21	AV	129.00	400	Horizontal	Pass
2	4017.987	44.76	74.0	29.24	Peak	18.00	100	Horizontal	Pass
2**	4017.987	34.86	54.0	19.14	AV	18.00	100	Horizontal	Pass
3	7594.874	51.25	74.0	22.75	Peak	192.00	200	Horizontal	Pass
3**	7594.874	42.06	54.0	11.94	AV	192.00	200	Horizontal	Pass
4	12453.590	56.12	74.0	17.88	Peak	248.00	100	Horizontal	Pass
4**	12453.590	45.28	54.0	8.72	AV	248.00	100	Horizontal	Pass
5	16095.906	55.59	74.0	18.41	Peak	42.00	300	Horizontal	Pass
5**	16095.906	44.92	54.0	9.08	AV	42.00	300	Horizontal	Pass
6	17417.942	58.88	74.0	15.12	Peak	65.00	300	Horizontal	Pass
6**	17417.942	49.33	54.0	4.67	AV	65.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.083	42.74	74.0	31.26	Peak	168.00	100	Vertical	Pass
1**	1336.083	33.78	54.0	20.22	AV	168.00	100	Vertical	Pass
2	1438.422	43.82	74.0	30.18	Peak	254.00	300	Vertical	Pass
2**	1438.422	34.16	54.0	19.84	AV	254.00	300	Vertical	Pass
3	4314.826	50.29	74.0	23.71	Peak	141.00	200	Vertical	Pass
3**	4314.826	40.00	54.0	14.00	AV	141.00	200	Vertical	Pass
4	7596.985	53.83	74.0	20.17	Peak	185.00	200	Vertical	Pass
4**	7596.985	43.23	54.0	10.77	AV	185.00	200	Vertical	Pass
5	12538.082	55.93	74.0	18.07	Peak	353.00	400	Vertical	Pass
5**	12538.082	43.78	54.0	10.22	AV	353.00	400	Vertical	Pass
6	15902.628	52.10	74.0	21.90	Peak	175.00	200	Vertical	Pass
6**	15902.628	46.33	54.0	7.67	AV	175.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.612	36.50	74.0	37.50	Peak	170.00	400	Horizontal	Pass
1**	1524.612	26.80	54.0	27.20	AV	170.00	400	Horizontal	Pass
2	4017.267	50.16	74.0	23.84	Peak	184.00	300	Horizontal	Pass
2**	4017.267	37.88	54.0	16.12	AV	184.00	300	Horizontal	Pass
3	7595.897	51.11	74.0	22.89	Peak	181.00	200	Horizontal	Pass
3**	7595.897	40.79	54.0	13.21	AV	181.00	200	Horizontal	Pass
4	12454.388	55.13	74.0	18.87	Peak	85.00	200	Horizontal	Pass
4**	12454.388	45.85	54.0	8.15	AV	85.00	200	Horizontal	Pass
5	16097.628	51.70	74.0	22.30	Peak	308.00	400	Horizontal	Pass
5**	16097.628	44.21	54.0	9.79	AV	308.00	400	Horizontal	Pass
6	17420.889	53.12	74.0	20.88	Peak	343.00	200	Horizontal	Pass
6**	17420.889	46.80	54.0	7.20	AV	343.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.507	45.36	74.0	28.64	Peak	61.00	400	Vertical	Pass
1**	1332.507	30.82	54.0	23.18	AV	61.00	400	Vertical	Pass
2	1437.159	41.21	74.0	32.79	Peak	209.00	100	Vertical	Pass
2**	1437.159	39.53	54.0	14.47	AV	209.00	100	Vertical	Pass
3	4310.878	44.45	74.0	29.55	Peak	117.00	200	Vertical	Pass
3**	4310.878	38.82	54.0	15.18	AV	117.00	200	Vertical	Pass
4	7593.083	53.75	74.0	20.25	Peak	113.00	200	Vertical	Pass
4**	7593.083	41.78	54.0	12.22	AV	113.00	200	Vertical	Pass
5	12535.822	53.46	74.0	20.54	Peak	8.00	300	Vertical	Pass
5**	12535.822	45.80	54.0	8.20	AV	8.00	300	Vertical	Pass
6	15908.811	55.08	74.0	18.92	Peak	126.00	100	Vertical	Pass
6**	15908.811	43.58	54.0	10.42	AV	126.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.423	38.78	74.0	35.22	Peak	351.00	400	Horizontal	Pass
1**	1517.423	30.33	54.0	23.67	AV	351.00	400	Horizontal	Pass
2	4016.034	46.61	74.0	27.39	Peak	296.00	100	Horizontal	Pass
2**	4016.034	35.32	54.0	18.68	AV	296.00	100	Horizontal	Pass
3	7595.280	51.05	74.0	22.95	Peak	289.00	200	Horizontal	Pass
3**	7595.280	45.77	54.0	8.23	AV	289.00	200	Horizontal	Pass
4	12455.078	55.66	74.0	18.34	Peak	84.00	400	Horizontal	Pass
4**	12455.078	42.59	54.0	11.41	AV	84.00	400	Horizontal	Pass
5	16092.806	50.93	74.0	23.07	Peak	166.00	400	Horizontal	Pass
5**	16092.806	47.61	54.0	6.39	AV	166.00	400	Horizontal	Pass
6	17418.575	57.09	74.0	16.91	Peak	119.00	100	Horizontal	Pass
6**	17418.575	50.30	54.0	3.70	AV	119.00	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	1330.574	44.53	74.0	29.47	Peak	217.00	100	Vertical	Pass
1**	1330.574	31.43	54.0	22.57	AV	217.00	100	Vertical	Pass
2	1441.403	42.60	74.0	31.40	Peak	324.00	300	Vertical	Pass
2**	1441.403	35.84	54.0	18.16	AV	324.00	300	Vertical	Pass
3	4308.272	47.80	74.0	26.20	Peak	144.00	200	Vertical	Pass
3**	4308.272	40.26	54.0	13.74	AV	144.00	200	Vertical	Pass
4	7593.261	52.91	74.0	21.09	Peak	62.00	200	Vertical	Pass
4**	7593.261	44.28	54.0	9.72	AV	62.00	200	Vertical	Pass
5	12533.932	54.51	74.0	19.49	Peak	153.00	300	Vertical	Pass
5**	12533.932	43.62	54.0	10.38	AV	153.00	300	Vertical	Pass
6	15907.451	56.49	74.0	17.51	Peak	317.00	300	Vertical	Pass
6**	15907.451	48.37	54.0	5.63	AV	317.00	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	1521.978	40.26	74.0	33.74	Peak	243.00	200	Horizontal	Pass
1**	1521.978	31.31	54.0	22.69	AV	243.00	200	Horizontal	Pass
2	4016.974	50.09	74.0	23.91	Peak	303.00	400	Horizontal	Pass
2**	4016.974	35.13	54.0	18.87	AV	303.00	400	Horizontal	Pass
3	7595.888	50.63	74.0	23.37	Peak	338.00	200	Horizontal	Pass
3**	7595.888	44.67	54.0	9.33	AV	338.00	200	Horizontal	Pass
4	12454.736	50.82	74.0	23.18	Peak	338.00	300	Horizontal	Pass
4**	12454.736	42.84	54.0	11.16	AV	338.00	300	Horizontal	Pass
5	16092.536	56.01	74.0	17.99	Peak	163.00	100	Horizontal	Pass
5**	16092.536	43.71	54.0	10.29	AV	163.00	100	Horizontal	Pass
6	17419.500	53.62	74.0	20.38	Peak	82.00	100	Horizontal	Pass
6**	17419.500	49.70	54.0	4.30	AV	82.00	100	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	1330.928	43.83	74.0	30.17	Peak	321.00	400	Vertical	Pass
1**	1330.928	36.57	54.0	17.43	AV	321.00	400	Vertical	Pass
2	1437.366	41.17	74.0	32.83	Peak	148.00	200	Vertical	Pass
2**	1437.366	38.67	54.0	15.33	AV	148.00	200	Vertical	Pass
3	4310.358	48.73	74.0	25.27	Peak	45.00	200	Vertical	Pass
3**	4310.358	36.35	54.0	17.65	AV	45.00	200	Vertical	Pass
4	7593.769	50.69	74.0	23.31	Peak	168.00	400	Vertical	Pass
4**	7593.769	40.72	54.0	13.28	AV	168.00	400	Vertical	Pass
5	12535.435	56.33	74.0	17.67	Peak	14.00	200	Vertical	Pass
5**	12535.435	44.99	54.0	9.01	AV	14.00	200	Vertical	Pass
6	15905.843	53.66	74.0	20.34	Peak	345.00	100	Vertical	Pass
6**	15905.843	44.18	54.0	9.82	AV	345.00	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	1519.903	36.36	74.0	37.64	Peak	119.00	200	Horizontal	Pass
1**	1519.903	29.02	54.0	24.98	AV	119.00	200	Horizontal	Pass
2	4021.040	50.13	74.0	23.87	Peak	78.00	100	Horizontal	Pass
2**	4021.040	39.31	54.0	14.69	AV	78.00	100	Horizontal	Pass
3	7595.185	55.53	74.0	18.47	Peak	199.00	200	Horizontal	Pass
3**	7595.185	42.01	54.0	11.99	AV	199.00	200	Horizontal	Pass
4	12457.902	54.13	74.0	19.87	Peak	315.00	200	Horizontal	Pass
4**	12457.902	43.69	54.0	10.31	AV	315.00	200	Horizontal	Pass
5	16095.390	50.98	74.0	23.02	Peak	80.00	300	Horizontal	Pass
5**	16095.390	45.61	54.0	8.39	AV	80.00	300	Horizontal	Pass
6	17419.218	58.11	74.0	15.89	Peak	137.00	300	Horizontal	Pass
6**	17419.218	44.89	54.0	9.11	AV	137.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.446	46.46	74.0	27.54	Peak	287.00	400	Vertical	Pass
1**	1334.446	33.00	54.0	21.00	AV	287.00	400	Vertical	Pass
2	1440.860	43.33	74.0	30.67	Peak	73.00	300	Vertical	Pass
2**	1440.860	38.48	54.0	15.52	AV	73.00	300	Vertical	Pass
3	4308.490	50.14	74.0	23.86	Peak	137.00	200	Vertical	Pass
3**	4308.490	37.65	54.0	16.35	AV	137.00	200	Vertical	Pass
4	7590.346	50.61	74.0	23.39	Peak	87.00	300	Vertical	Pass
4**	7590.346	40.72	54.0	13.28	AV	87.00	300	Vertical	Pass
5	12532.899	52.09	74.0	21.91	Peak	304.00	200	Vertical	Pass
5**	12532.899	44.09	54.0	9.91	AV	304.00	200	Vertical	Pass
6	15905.141	53.57	74.0	20.43	Peak	92.00	400	Vertical	Pass
6**	15905.141	47.48	54.0	6.52	AV	92.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.892	40.14	74.0	33.86	Peak	111.00	400	Horizontal	Pass
1**	1518.892	26.92	54.0	27.08	AV	111.00	400	Horizontal	Pass
2	4019.055	44.19	74.0	29.81	Peak	320.00	300	Horizontal	Pass
2**	4019.055	39.41	54.0	14.59	AV	320.00	300	Horizontal	Pass
3	7597.102	52.18	74.0	21.82	Peak	30.00	200	Horizontal	Pass
3**	7597.102	45.83	54.0	8.17	AV	30.00	200	Horizontal	Pass
4	12458.349	51.38	74.0	22.62	Peak	200.00	400	Horizontal	Pass
4**	12458.349	44.77	54.0	9.23	AV	200.00	400	Horizontal	Pass
5	16093.845	52.57	74.0	21.43	Peak	148.00	300	Horizontal	Pass
5**	16093.845	45.94	54.0	8.06	AV	148.00	300	Horizontal	Pass
6	17417.891	56.56	74.0	17.44	Peak	31.00	200	Horizontal	Pass
6**	17417.891	45.87	54.0	8.13	AV	31.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.192	47.43	74.0	26.57	Peak	170.00	100	Vertical	Pass
1**	1332.192	31.68	54.0	22.32	AV	170.00	100	Vertical	Pass
2	1440.652	43.80	74.0	30.20	Peak	239.00	300	Vertical	Pass
2**	1440.652	38.33	54.0	15.67	AV	239.00	300	Vertical	Pass
3	4314.570	48.99	74.0	25.01	Peak	278.00	200	Vertical	Pass
3**	4314.570	38.03	54.0	15.97	AV	278.00	200	Vertical	Pass
4	7592.135	55.17	74.0	18.83	Peak	16.00	200	Vertical	Pass
4**	7592.135	45.10	54.0	8.90	AV	16.00	200	Vertical	Pass
5	12538.074	51.43	74.0	22.57	Peak	298.00	400	Vertical	Pass
5**	12538.074	46.23	54.0	7.77	AV	298.00	400	Vertical	Pass
6	15907.436	54.89	74.0	19.11	Peak	117.00	400	Vertical	Pass
6**	15907.436	43.48	54.0	10.52	AV	117.00	400	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	1523.954	40.54	74.0	33.46	Peak	201.00	100	Horizontal	Pass
1**	1523.954	29.13	54.0	24.87	AV	201.00	100	Horizontal	Pass
2	4020.656	47.10	74.0	26.90	Peak	113.00	400	Horizontal	Pass
2**	4020.656	34.37	54.0	19.63	AV	113.00	400	Horizontal	Pass
3	7598.339	50.39	74.0	23.61	Peak	20.00	200	Horizontal	Pass
3**	7598.339	45.77	54.0	8.23	AV	20.00	200	Horizontal	Pass
4	12457.304	51.65	74.0	22.35	Peak	112.00	200	Horizontal	Pass
4**	12457.304	44.23	54.0	9.77	AV	112.00	200	Horizontal	Pass
5	16095.231	51.21	74.0	22.79	Peak	250.00	100	Horizontal	Pass
5**	16095.231	44.19	54.0	9.81	AV	250.00	100	Horizontal	Pass
6	17415.663	58.15	74.0	15.85	Peak	125.00	300	Horizontal	Pass
6**	17415.663	47.05	54.0	6.95	AV	125.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.584	42.17	74.0	31.83	Peak	6.00	400	Vertical	Pass
1**	1331.584	35.14	54.0	18.86	AV	6.00	400	Vertical	Pass
2	1441.971	43.71	74.0	30.29	Peak	247.00	200	Vertical	Pass
2**	1441.971	34.78	54.0	19.22	AV	247.00	200	Vertical	Pass
3	4311.958	49.56	74.0	24.44	Peak	320.00	200	Vertical	Pass
3**	4311.958	41.00	54.0	13.00	AV	320.00	200	Vertical	Pass
4	7598.195	51.89	74.0	22.11	Peak	261.00	300	Vertical	Pass
4**	7598.195	44.34	54.0	9.66	AV	261.00	300	Vertical	Pass
5	12532.250	51.61	74.0	22.39	Peak	135.00	400	Vertical	Pass
5**	12532.250	42.06	54.0	11.94	AV	135.00	400	Vertical	Pass
6	15909.865	53.19	74.0	20.81	Peak	144.00	400	Vertical	Pass
6**	15909.865	45.58	54.0	8.42	AV	144.00	400	Vertical	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.365	39.89	74.0	34.11	Peak	129.00	300	Horizontal	Pass
1**	1524.365	31.58	54.0	22.42	AV	129.00	300	Horizontal	Pass
2	4023.285	47.16	74.0	26.84	Peak	205.00	400	Horizontal	Pass
2**	4023.285	35.42	54.0	18.58	AV	205.00	400	Horizontal	Pass
3	7598.128	50.63	74.0	23.37	Peak	136.00	200	Horizontal	Pass
3**	7598.128	44.25	54.0	9.75	AV	136.00	200	Horizontal	Pass
4	12455.126	54.92	74.0	19.08	Peak	326.00	300	Horizontal	Pass
4**	12455.126	44.86	54.0	9.14	AV	326.00	300	Horizontal	Pass
5	16096.356	54.94	74.0	19.06	Peak	78.00	100	Horizontal	Pass
5**	16096.356	43.71	54.0	10.29	AV	78.00	100	Horizontal	Pass
6	17423.299	57.53	74.0	16.47	Peak	18.00	100	Horizontal	Pass
6**	17423.299	44.77	54.0	9.23	AV	18.00	100	Horizontal	Pass

11ax20(SU), 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	1330.828	42.32	74.0	31.68	Peak	272.00	300	Vertical	Pass
1**	1330.828	35.02	54.0	18.98	AV	272.00	300	Vertical	Pass
2	1441.782	42.25	74.0	31.75	Peak	333.00	300	Vertical	Pass
2**	1441.782	38.92	54.0	15.08	AV	333.00	300	Vertical	Pass
3	4312.133	50.40	74.0	23.60	Peak	287.00	200	Vertical	Pass
3**	4312.133	37.96	54.0	16.04	AV	287.00	200	Vertical	Pass
4	7597.960	51.06	74.0	22.94	Peak	33.00	400	Vertical	Pass
4**	7597.960	43.30	54.0	10.70	AV	33.00	400	Vertical	Pass
5	12536.852	56.33	74.0	17.67	Peak	223.00	100	Vertical	Pass
5**	12536.852	43.80	54.0	10.20	AV	223.00	100	Vertical	Pass
6	15908.098	52.83	74.0	21.17	Peak	193.00	100	Vertical	Pass
6**	15908.098	48.60	54.0	5.40	AV	193.00	100	Vertical	Pass

11ax20(SU), 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	1520.716	38.50	74.0	35.50	Peak	168.00	400	Horizontal	Pass
1**	1520.716	29.70	54.0	24.30	AV	168.00	400	Horizontal	Pass
2	4023.718	49.65	74.0	24.35	Peak	325.00	200	Horizontal	Pass
2**	4023.718	35.10	54.0	18.90	AV	325.00	200	Horizontal	Pass
3	7600.724	55.10	74.0	18.90	Peak	149.00	200	Horizontal	Pass
3**	7600.724	45.70	54.0	8.30	AV	149.00	200	Horizontal	Pass
4	12453.990	54.75	74.0	19.25	Peak	172.00	200	Horizontal	Pass
4**	12453.990	45.12	54.0	8.88	AV	172.00	200	Horizontal	Pass
5	16094.870	55.52	74.0	18.48	Peak	7.00	400	Horizontal	Pass
5**	16094.870	43.54	54.0	10.46	AV	7.00	400	Horizontal	Pass
6	17422.003	58.21	74.0	15.79	Peak	214.00	300	Horizontal	Pass
6**	17422.003	45.96	54.0	8.04	AV	214.00	300	Horizontal	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.749	44.24	74.0	29.76	Peak	139.00	200	Vertical	Pass
1**	1336.749	36.70	54.0	17.30	AV	139.00	200	Vertical	Pass
2	1437.254	39.24	74.0	34.76	Peak	223.00	100	Vertical	Pass
2**	1437.254	34.59	54.0	19.41	AV	223.00	100	Vertical	Pass
3	4314.510	47.33	74.0	26.67	Peak	18.00	200	Vertical	Pass
3**	4314.510	36.02	54.0	17.98	AV	18.00	200	Vertical	Pass
4	7594.864	50.55	74.0	23.45	Peak	222.00	100	Vertical	Pass
4**	7594.864	42.52	54.0	11.48	AV	222.00	100	Vertical	Pass
5	12536.217	50.92	74.0	23.08	Peak	336.00	100	Vertical	Pass
5**	12536.217	43.12	54.0	10.88	AV	336.00	100	Vertical	Pass
6	15902.757	57.09	74.0	16.91	Peak	302.00	200	Vertical	Pass
6**	15902.757	46.15	54.0	7.85	AV	302.00	200	Vertical	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.433	36.75	74.0	37.25	Peak	2.00	200	Horizontal	Pass
1**	1521.433	30.55	54.0	23.45	AV	2.00	200	Horizontal	Pass
2	4021.404	47.80	74.0	26.20	Peak	285.00	100	Horizontal	Pass
2**	4021.404	37.40	54.0	16.60	AV	285.00	100	Horizontal	Pass
3	7596.828	55.83	74.0	18.17	Peak	223.00	200	Horizontal	Pass
3**	7596.828	40.60	54.0	13.40	AV	223.00	200	Horizontal	Pass
4	12455.916	56.05	74.0	17.95	Peak	316.00	300	Horizontal	Pass
4**	12455.916	44.94	54.0	9.06	AV	316.00	300	Horizontal	Pass
5	16097.109	54.23	74.0	19.77	Peak	53.00	400	Horizontal	Pass
5**	16097.109	46.99	54.0	7.01	AV	53.00	400	Horizontal	Pass
6	17419.790	54.35	74.0	19.65	Peak	285.00	400	Horizontal	Pass
6**	17419.790	49.10	54.0	4.90	AV	285.00	400	Horizontal	Pass

11ax20(SU), 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	1330.267	46.46	74.0	27.54	Peak	161.00	200	Vertical	Pass
1**	1330.267	31.73	54.0	22.27	AV	161.00	200	Vertical	Pass
2	1438.760	39.12	74.0	34.88	Peak	57.00	300	Vertical	Pass
2**	1438.760	38.84	54.0	15.16	AV	57.00	300	Vertical	Pass
3	4314.712	48.74	74.0	25.26	Peak	215.00	200	Vertical	Pass
3**	4314.712	37.36	54.0	16.64	AV	215.00	200	Vertical	Pass
4	7592.720	53.14	74.0	20.86	Peak	176.00	100	Vertical	Pass
4**	7592.720	43.44	54.0	10.56	AV	176.00	100	Vertical	Pass
5	12532.076	53.92	74.0	20.08	Peak	34.00	400	Vertical	Pass
5**	12532.076	44.24	54.0	9.76	AV	34.00	400	Vertical	Pass
6	15906.561	54.18	74.0	19.82	Peak	242.00	400	Vertical	Pass
6**	15906.561	44.91	54.0	9.09	AV	242.00	400	Vertical	Pass

ANT1**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	1514.563	42.62	74.0	31.38	Peak	209.00	200	Horizontal	Pass
1**	1514.563	28.95	54.0	25.05	AV	209.00	200	Horizontal	Pass
2	2347.012	46.10	74.0	27.90	Peak	64.00	400	Horizontal	Pass
2**	2347.012	36.84	54.0	17.16	AV	64.00	400	Horizontal	Pass
3	4208.454	46.88	74.0	27.12	Peak	50.00	200	Horizontal	Pass
3**	4208.454	37.00	54.0	17.00	AV	50.00	200	Horizontal	Pass
4	7435.344	52.17	74.0	21.83	Peak	335.00	400	Horizontal	Pass
4**	7435.344	44.91	54.0	9.09	AV	335.00	400	Horizontal	Pass
5	12514.230	53.90	74.0	20.10	Peak	246.00	100	Horizontal	Pass
5**	12514.230	45.95	54.0	8.05	AV	246.00	100	Horizontal	Pass
6	16146.886	55.36	74.0	18.64	Peak	204.00	300	Horizontal	Pass
6**	16146.886	43.01	54.0	10.99	AV	204.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.851	34.98	74.0	39.02	Peak	339.00	100	Vertical	Pass
1**	1567.851	29.14	54.0	24.86	AV	339.00	100	Vertical	Pass
2	2344.084	42.23	74.0	31.77	Peak	180.00	100	Vertical	Pass
2**	2344.084	34.95	54.0	19.05	AV	180.00	100	Vertical	Pass
3	3913.121	45.23	74.0	28.77	Peak	143.00	200	Vertical	Pass
3**	3913.121	33.92	54.0	20.08	AV	143.00	200	Vertical	Pass
4	7682.230	54.56	74.0	19.44	Peak	186.00	300	Vertical	Pass
4**	7682.230	42.09	54.0	11.91	AV	186.00	300	Vertical	Pass
5	12530.002	58.72	74.0	15.28	Peak	21.00	300	Vertical	Pass
5**	12530.002	40.17	54.0	13.83	AV	21.00	300	Vertical	Pass
6	15384.013	54.47	74.0	19.53	Peak	158.00	100	Vertical	Pass
6**	15384.013	41.73	54.0	12.27	AV	158.00	100	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	1527.820	36.41	74.0	37.59	Peak	250.00	400	Horizontal	Pass
1**	1527.820	26.29	54.0	27.71	AV	250.00	400	Horizontal	Pass
2	2271.536	40.88	74.0	33.12	Peak	298.00	200	Horizontal	Pass
2**	2271.536	34.00	54.0	20.00	AV	298.00	200	Horizontal	Pass
3	4050.114	44.80	74.0	29.20	Peak	287.00	200	Horizontal	Pass
3**	4050.114	38.95	54.0	15.05	AV	287.00	200	Horizontal	Pass
4	7617.177	52.26	74.0	21.74	Peak	22.00	100	Horizontal	Pass
4**	7617.177	42.15	54.0	11.85	AV	22.00	100	Horizontal	Pass
5	12456.174	51.40	74.0	22.60	Peak	347.00	300	Horizontal	Pass
5**	12456.174	42.59	54.0	11.41	AV	347.00	300	Horizontal	Pass
6	15903.744	55.02	74.0	18.98	Peak	120.00	400	Horizontal	Pass
6**	15903.744	43.77	54.0	10.23	AV	120.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.172	38.60	74.0	35.40	Peak	158.00	100	Vertical	Pass
1**	1532.172	26.02	54.0	27.98	AV	158.00	100	Vertical	Pass
2	2334.434	45.43	74.0	28.57	Peak	166.00	200	Vertical	Pass
2**	2334.434	33.91	54.0	20.09	AV	166.00	200	Vertical	Pass
3	4904.071	49.89	74.0	24.11	Peak	37.00	200	Vertical	Pass
3**	4904.071	41.89	54.0	12.11	AV	37.00	200	Vertical	Pass
4	7325.142	53.16	74.0	20.84	Peak	141.00	400	Vertical	Pass
4**	7325.142	46.74	54.0	7.26	AV	141.00	400	Vertical	Pass
5	12486.353	55.81	74.0	18.19	Peak	296.00	300	Vertical	Pass
5**	12486.353	47.04	54.0	6.96	AV	296.00	300	Vertical	Pass
6	15688.723	51.30	74.0	22.70	Peak	244.00	400	Vertical	Pass
6**	15688.723	44.63	54.0	9.37	AV	244.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.791	41.36	74.0	32.64	Peak	91.00	100	Horizontal	Pass
1**	1521.791	27.40	54.0	26.60	AV	91.00	100	Horizontal	Pass
2	2272.515	44.56	74.0	29.44	Peak	171.00	200	Horizontal	Pass
2**	2272.515	33.51	54.0	20.49	AV	171.00	200	Horizontal	Pass
3	4048.033	45.55	74.0	28.45	Peak	323.00	200	Horizontal	Pass
3**	4048.033	37.95	54.0	16.05	AV	323.00	200	Horizontal	Pass
4	7618.804	54.06	74.0	19.94	Peak	4.00	400	Horizontal	Pass
4**	7618.804	42.47	54.0	11.53	AV	4.00	400	Horizontal	Pass
5	12456.677	52.95	74.0	21.05	Peak	261.00	200	Horizontal	Pass
5**	12456.677	42.12	54.0	11.88	AV	261.00	200	Horizontal	Pass
6	15903.298	53.60	74.0	20.40	Peak	117.00	300	Horizontal	Pass
6**	15903.298	46.42	54.0	7.58	AV	117.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.747	39.69	74.0	34.31	Peak	206.00	300	Vertical	Pass
1**	1597.747	26.04	54.0	27.96	AV	206.00	300	Vertical	Pass
2	2225.080	41.97	74.0	32.03	Peak	254.00	400	Vertical	Pass
2**	2225.080	28.89	54.0	25.11	AV	254.00	400	Vertical	Pass
3	4257.390	49.84	74.0	24.16	Peak	9.00	200	Vertical	Pass
3**	4257.390	36.61	54.0	17.39	AV	9.00	200	Vertical	Pass
4	7711.658	55.47	74.0	18.53	Peak	249.00	200	Vertical	Pass
4**	7711.658	42.69	54.0	11.31	AV	249.00	200	Vertical	Pass
5	12498.724	53.31	74.0	20.69	Peak	341.00	400	Vertical	Pass
5**	12498.724	40.57	54.0	13.43	AV	341.00	400	Vertical	Pass
6	15674.445	55.33	74.0	18.67	Peak	145.00	200	Vertical	Pass
6**	15674.445	41.57	54.0	12.43	AV	145.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.559	36.75	74.0	37.25	Peak	47.00	400	Horizontal	Pass
1**	1524.559	31.52	54.0	22.48	AV	47.00	400	Horizontal	Pass
2	4021.827	49.17	74.0	24.83	Peak	320.00	200	Horizontal	Pass
2**	4021.827	36.52	54.0	17.48	AV	320.00	200	Horizontal	Pass
3	7597.774	50.73	74.0	23.27	Peak	75.00	200	Horizontal	Pass
3**	7597.774	41.46	54.0	12.54	AV	75.00	200	Horizontal	Pass
4	12459.443	52.07	74.0	21.93	Peak	59.00	300	Horizontal	Pass
4**	12459.443	46.55	54.0	7.45	AV	59.00	300	Horizontal	Pass
5	16093.913	56.28	74.0	17.72	Peak	95.00	100	Horizontal	Pass
5**	16093.913	44.23	54.0	9.77	AV	95.00	100	Horizontal	Pass
6	17422.427	57.74	74.0	16.26	Peak	138.00	400	Horizontal	Pass
6**	17422.427	47.54	54.0	6.46	AV	138.00	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	1337.062	42.88	74.0	31.12	Peak	100.00	400	Vertical	Pass
1**	1337.062	35.78	54.0	18.22	AV	100.00	400	Vertical	Pass
2	1442.407	39.08	74.0	34.92	Peak	282.00	400	Vertical	Pass
2**	1442.407	39.99	54.0	14.01	AV	282.00	400	Vertical	Pass
3	4307.958	45.99	74.0	28.01	Peak	353.00	200	Vertical	Pass
3**	4307.958	37.83	54.0	16.17	AV	353.00	200	Vertical	Pass
4	7593.575	50.76	74.0	23.24	Peak	27.00	300	Vertical	Pass
4**	7593.575	44.10	54.0	9.90	AV	27.00	300	Vertical	Pass
5	12535.869	51.64	74.0	22.36	Peak	216.00	200	Vertical	Pass
5**	12535.869	42.60	54.0	11.40	AV	216.00	200	Vertical	Pass
6	15904.470	54.02	74.0	19.98	Peak	47.00	300	Vertical	Pass
6**	15904.470	47.11	54.0	6.89	AV	47.00	300	Vertical	Pass

ANT2**11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.390	36.64	74.0	37.36	Peak	98.00	200	Horizontal	Pass
1**	1508.390	29.61	54.0	24.39	AV	98.00	200	Horizontal	Pass
2	2348.383	46.89	74.0	27.11	Peak	237.00	300	Horizontal	Pass
2**	2348.383	35.90	54.0	18.10	AV	237.00	300	Horizontal	Pass
3	4204.765	49.89	74.0	24.11	Peak	12.00	200	Horizontal	Pass
3**	4204.765	39.63	54.0	14.37	AV	12.00	200	Horizontal	Pass
4	7430.937	51.44	74.0	22.56	Peak	278.00	400	Horizontal	Pass
4**	7430.937	44.00	54.0	10.00	AV	278.00	400	Horizontal	Pass
5	12518.125	57.08	74.0	16.92	Peak	237.00	100	Horizontal	Pass
5**	12518.125	47.97	54.0	6.03	AV	237.00	100	Horizontal	Pass
6	16148.392	55.19	74.0	18.81	Peak	4.00	300	Horizontal	Pass
6**	16148.392	42.15	54.0	11.85	AV	4.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.410	34.20	74.0	39.80	Peak	288.00	400	Vertical	Pass
1**	1570.410	26.08	54.0	27.92	AV	288.00	400	Vertical	Pass
2	2350.946	45.75	74.0	28.25	Peak	154.00	300	Vertical	Pass
2**	2350.946	30.98	54.0	23.02	AV	154.00	300	Vertical	Pass
3	3919.716	45.00	74.0	29.00	Peak	225.00	200	Vertical	Pass
3**	3919.716	36.59	54.0	17.41	AV	225.00	200	Vertical	Pass
4	7678.665	54.32	74.0	19.68	Peak	93.00	400	Vertical	Pass
4**	7678.665	44.48	54.0	9.52	AV	93.00	400	Vertical	Pass
5	12527.503	53.61	74.0	20.39	Peak	76.00	400	Vertical	Pass
5**	12527.503	39.81	54.0	14.19	AV	76.00	400	Vertical	Pass
6	15379.990	56.14	74.0	17.86	Peak	87.00	200	Vertical	Pass
6**	15379.990	42.67	54.0	11.33	AV	87.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.582	40.37	74.0	33.63	Peak	279.00	100	Horizontal	Pass
1**	1526.582	29.65	54.0	24.35	AV	279.00	100	Horizontal	Pass
2	2274.992	41.15	74.0	32.85	Peak	301.00	100	Horizontal	Pass
2**	2274.992	34.46	54.0	19.54	AV	301.00	100	Horizontal	Pass
3	4050.074	44.82	74.0	29.18	Peak	345.00	200	Horizontal	Pass
3**	4050.074	34.37	54.0	19.63	AV	345.00	200	Horizontal	Pass
4	7620.474	51.19	74.0	22.81	Peak	156.00	100	Horizontal	Pass
4**	7620.474	41.93	54.0	12.07	AV	156.00	100	Horizontal	Pass
5	12456.621	52.33	74.0	21.67	Peak	3.00	400	Horizontal	Pass
5**	12456.621	47.21	54.0	6.79	AV	3.00	400	Horizontal	Pass
6	15904.084	54.45	74.0	19.55	Peak	193.00	300	Horizontal	Pass
6**	15904.084	42.33	54.0	11.67	AV	193.00	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	1527.770	39.48	74.0	34.52	Peak	347.00	300	Vertical	Pass
1**	1527.770	28.36	54.0	25.64	AV	347.00	300	Vertical	Pass
2	2334.075	44.80	74.0	29.20	Peak	354.00	300	Vertical	Pass
2**	2334.075	37.32	54.0	16.68	AV	354.00	300	Vertical	Pass
3	4896.723	50.69	74.0	23.31	Peak	316.00	200	Vertical	Pass
3**	4896.723	38.66	54.0	15.34	AV	316.00	200	Vertical	Pass
4	7328.524	55.61	74.0	18.39	Peak	352.00	400	Vertical	Pass
4**	7328.524	41.73	54.0	12.27	AV	352.00	400	Vertical	Pass
5	12488.937	51.21	74.0	22.79	Peak	55.00	100	Vertical	Pass
5**	12488.937	41.97	54.0	12.03	AV	55.00	100	Vertical	Pass
6	15690.121	51.08	74.0	22.92	Peak	143.00	400	Vertical	Pass
6**	15690.121	42.77	54.0	11.23	AV	143.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.597	39.89	74.0	34.11	Peak	110.00	100	Horizontal	Pass
1**	1525.597	27.46	54.0	26.54	AV	110.00	100	Horizontal	Pass
2	2278.385	45.48	74.0	28.52	Peak	11.00	100	Horizontal	Pass
2**	2278.385	35.95	54.0	18.05	AV	11.00	100	Horizontal	Pass
3	4047.326	46.23	74.0	27.77	Peak	86.00	200	Horizontal	Pass
3**	4047.326	38.59	54.0	15.41	AV	86.00	200	Horizontal	Pass
4	7622.979	49.91	74.0	24.09	Peak	218.00	400	Horizontal	Pass
4**	7622.979	42.98	54.0	11.02	AV	218.00	400	Horizontal	Pass
5	12457.998	52.83	74.0	21.17	Peak	341.00	300	Horizontal	Pass
5**	12457.998	43.56	54.0	10.44	AV	341.00	300	Horizontal	Pass
6	15901.324	51.40	74.0	22.60	Peak	223.00	400	Horizontal	Pass
6**	15901.324	46.75	54.0	7.25	AV	223.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.865	41.74	74.0	32.26	Peak	98.00	200	Vertical	Pass
1**	1599.865	25.15	54.0	28.85	AV	98.00	200	Vertical	Pass
2	2224.710	39.65	74.0	34.35	Peak	268.00	400	Vertical	Pass
2**	2224.710	32.00	54.0	22.00	AV	268.00	400	Vertical	Pass
3	4256.065	48.56	74.0	25.44	Peak	235.00	200	Vertical	Pass
3**	4256.065	37.34	54.0	16.66	AV	235.00	200	Vertical	Pass
4	7705.397	54.44	74.0	19.56	Peak	144.00	100	Vertical	Pass
4**	7705.397	43.18	54.0	10.82	AV	144.00	100	Vertical	Pass
5	12496.162	50.84	74.0	23.16	Peak	34.00	200	Vertical	Pass
5**	12496.162	43.52	54.0	10.48	AV	34.00	200	Vertical	Pass
6	15669.726	52.86	74.0	21.14	Peak	37.00	300	Vertical	Pass
6**	15669.726	44.93	54.0	9.07	AV	37.00	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	1524.834	39.90	74.0	34.10	Peak	38.00	400	Horizontal	Pass
1**	1524.834	27.55	54.0	26.45	AV	38.00	400	Horizontal	Pass
2	4017.029	46.19	74.0	27.81	Peak	156.00	200	Horizontal	Pass
2**	4017.029	36.31	54.0	17.69	AV	156.00	200	Horizontal	Pass
3	7601.315	52.17	74.0	21.83	Peak	230.00	200	Horizontal	Pass
3**	7601.315	42.60	54.0	11.40	AV	230.00	200	Horizontal	Pass
4	12459.158	55.61	74.0	18.39	Peak	258.00	200	Horizontal	Pass
4**	12459.158	42.17	54.0	11.83	AV	258.00	200	Horizontal	Pass
5	16097.303	54.11	74.0	19.89	Peak	116.00	300	Horizontal	Pass
5**	16097.303	47.61	54.0	6.39	AV	116.00	300	Horizontal	Pass
6	17422.731	56.01	74.0	17.99	Peak	90.00	100	Horizontal	Pass
6**	17422.731	50.00	54.0	4.00	AV	90.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.632	44.03	74.0	29.97	Peak	262.00	400	Vertical	Pass
1**	1330.632	35.88	54.0	18.12	AV	262.00	400	Vertical	Pass
2	1441.355	43.70	74.0	30.30	Peak	360.00	200	Vertical	Pass
2**	1441.355	39.00	54.0	15.00	AV	360.00	200	Vertical	Pass
3	4313.987	49.90	74.0	24.10	Peak	180.00	200	Vertical	Pass
3**	4313.987	39.48	54.0	14.52	AV	180.00	200	Vertical	Pass
4	7592.278	54.49	74.0	19.51	Peak	258.00	300	Vertical	Pass
4**	7592.278	46.10	54.0	7.90	AV	258.00	300	Vertical	Pass
5	12531.467	55.59	74.0	18.41	Peak	331.00	400	Vertical	Pass
5**	12531.467	44.11	54.0	9.89	AV	331.00	400	Vertical	Pass
6	15903.349	56.08	74.0	17.92	Peak	180.00	400	Vertical	Pass
6**	15903.349	43.58	54.0	10.42	AV	180.00	400	Vertical	Pass

ANT3**11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.210	39.03	74.0	34.97	Peak	3.00	300	Horizontal	Pass
1**	1508.210	28.82	54.0	25.18	AV	3.00	300	Horizontal	Pass
2	2350.077	45.34	74.0	28.66	Peak	161.00	200	Horizontal	Pass
2**	2350.077	38.65	54.0	15.35	AV	161.00	200	Horizontal	Pass
3	4204.722	47.96	74.0	26.04	Peak	64.00	200	Horizontal	Pass
3**	4204.722	39.27	54.0	14.73	AV	64.00	200	Horizontal	Pass
4	7438.190	55.36	74.0	18.64	Peak	145.00	300	Horizontal	Pass
4**	7438.190	41.39	54.0	12.61	AV	145.00	300	Horizontal	Pass
5	12518.263	58.56	74.0	15.44	Peak	219.00	300	Horizontal	Pass
5**	12518.263	47.21	54.0	6.79	AV	219.00	300	Horizontal	Pass
6	16144.655	52.95	74.0	21.05	Peak	338.00	200	Horizontal	Pass
6**	16144.655	44.41	54.0	9.59	AV	338.00	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	1574.307	37.77	74.0	36.23	Peak	296.00	300	Vertical	Pass
1**	1574.307	26.38	54.0	27.62	AV	296.00	300	Vertical	Pass
2	2346.413	45.33	74.0	28.67	Peak	64.00	300	Vertical	Pass
2**	2346.413	34.24	54.0	19.76	AV	64.00	300	Vertical	Pass
3	3918.900	44.67	74.0	29.33	Peak	15.00	200	Vertical	Pass
3**	3918.900	33.35	54.0	20.65	AV	15.00	200	Vertical	Pass
4	7678.637	51.02	74.0	22.98	Peak	237.00	200	Vertical	Pass
4**	7678.637	46.85	54.0	7.15	AV	237.00	200	Vertical	Pass
5	12528.911	53.76	74.0	20.24	Peak	352.00	300	Vertical	Pass
5**	12528.911	40.48	54.0	13.52	AV	352.00	300	Vertical	Pass
6	15385.817	55.33	74.0	18.67	Peak	37.00	400	Vertical	Pass
6**	15385.817	47.51	54.0	6.49	AV	37.00	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	1523.180	41.23	74.0	32.77	Peak	141.00	300	Horizontal	Pass
1**	1523.180	27.43	54.0	26.57	AV	141.00	300	Horizontal	Pass
2	2271.916	41.16	74.0	32.84	Peak	69.00	300	Horizontal	Pass
2**	2271.916	36.48	54.0	17.52	AV	69.00	300	Horizontal	Pass
3	4046.714	45.01	74.0	28.99	Peak	26.00	200	Horizontal	Pass
3**	4046.714	38.49	54.0	15.51	AV	26.00	200	Horizontal	Pass
4	7621.619	55.78	74.0	18.22	Peak	1.00	200	Horizontal	Pass
4**	7621.619	42.55	54.0	11.45	AV	1.00	200	Horizontal	Pass
5	12455.028	51.59	74.0	22.41	Peak	301.00	300	Horizontal	Pass
5**	12455.028	41.91	54.0	12.09	AV	301.00	300	Horizontal	Pass
6	15902.049	52.29	74.0	21.71	Peak	80.00	200	Horizontal	Pass
6**	15902.049	44.37	54.0	9.63	AV	80.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.287	41.39	74.0	32.61	Peak	158.00	100	Vertical	Pass
1**	1528.287	27.23	54.0	26.77	AV	158.00	100	Vertical	Pass
2	2336.692	45.27	74.0	28.73	Peak	28.00	400	Vertical	Pass
2**	2336.692	35.29	54.0	18.71	AV	28.00	400	Vertical	Pass
3	4899.922	52.94	74.0	21.06	Peak	158.00	200	Vertical	Pass
3**	4899.922	40.68	54.0	13.32	AV	158.00	200	Vertical	Pass
4	7329.429	53.54	74.0	20.46	Peak	69.00	200	Vertical	Pass
4**	7329.429	41.31	54.0	12.69	AV	69.00	200	Vertical	Pass
5	12484.153	53.53	74.0	20.47	Peak	120.00	300	Vertical	Pass
5**	12484.153	43.11	54.0	10.89	AV	120.00	300	Vertical	Pass
6	15694.897	54.10	74.0	19.90	Peak	322.00	100	Vertical	Pass
6**	15694.897	45.76	54.0	8.24	AV	322.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.645	38.60	74.0	35.40	Peak	121.00	200	Horizontal	Pass
1**	1523.645	25.83	54.0	28.17	AV	121.00	200	Horizontal	Pass
2	2275.999	44.49	74.0	29.51	Peak	86.00	200	Horizontal	Pass
2**	2275.999	34.01	54.0	19.99	AV	86.00	200	Horizontal	Pass
3	4048.380	47.76	74.0	26.24	Peak	18.00	200	Horizontal	Pass
3**	4048.380	34.59	54.0	19.41	AV	18.00	200	Horizontal	Pass
4	7621.487	53.56	74.0	20.44	Peak	41.00	100	Horizontal	Pass
4**	7621.487	46.50	54.0	7.50	AV	41.00	100	Horizontal	Pass
5	12450.600	52.64	74.0	21.36	Peak	52.00	100	Horizontal	Pass
5**	12450.600	45.42	54.0	8.58	AV	52.00	100	Horizontal	Pass
6	15905.038	51.66	74.0	22.34	Peak	239.00	100	Horizontal	Pass
6**	15905.038	47.09	54.0	6.91	AV	239.00	100	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	1595.991	40.71	74.0	33.29	Peak	344.00	400	Vertical	Pass
1**	1595.991	28.22	54.0	25.78	AV	344.00	400	Vertical	Pass
2	2226.972	43.15	74.0	30.85	Peak	24.00	400	Vertical	Pass
2**	2226.972	33.58	54.0	20.42	AV	24.00	400	Vertical	Pass
3	4260.504	46.22	74.0	27.78	Peak	254.00	200	Vertical	Pass
3**	4260.504	36.69	54.0	17.31	AV	254.00	200	Vertical	Pass
4	7705.010	55.71	74.0	18.29	Peak	45.00	300	Vertical	Pass
4**	7705.010	44.85	54.0	9.15	AV	45.00	300	Vertical	Pass
5	12497.148	54.93	74.0	19.07	Peak	286.00	100	Vertical	Pass
5**	12497.148	43.29	54.0	10.71	AV	286.00	100	Vertical	Pass
6	15668.551	56.89	74.0	17.11	Peak	181.00	300	Vertical	Pass
6**	15668.551	40.44	54.0	13.56	AV	181.00	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	1518.214	38.48	74.0	35.52	Peak	135.00	400	Horizontal	Pass
1**	1518.214	31.62	54.0	22.38	AV	135.00	400	Horizontal	Pass
2	4020.129	44.84	74.0	29.16	Peak	302.00	300	Horizontal	Pass
2**	4020.129	36.78	54.0	17.22	AV	302.00	300	Horizontal	Pass
3	7599.561	54.02	74.0	19.98	Peak	226.00	200	Horizontal	Pass
3**	7599.561	40.62	54.0	13.38	AV	226.00	200	Horizontal	Pass
4	12455.210	55.18	74.0	18.82	Peak	320.00	100	Horizontal	Pass
4**	12455.210	41.37	54.0	12.63	AV	320.00	100	Horizontal	Pass
5	16096.872	54.50	74.0	19.50	Peak	171.00	200	Horizontal	Pass
5**	16096.872	41.93	54.0	12.07	AV	171.00	200	Horizontal	Pass
6	17423.293	58.73	74.0	15.27	Peak	64.00	200	Horizontal	Pass
6**	17423.293	49.66	54.0	4.34	AV	64.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.468	43.10	74.0	30.90	Peak	355.00	300	Vertical	Pass
1**	1333.468	36.06	54.0	17.94	AV	355.00	300	Vertical	Pass
2	1442.223	42.76	74.0	31.24	Peak	147.00	400	Vertical	Pass
2**	1442.223	36.65	54.0	17.35	AV	147.00	400	Vertical	Pass
3	4311.058	45.54	74.0	28.46	Peak	204.00	200	Vertical	Pass
3**	4311.058	37.71	54.0	16.29	AV	204.00	200	Vertical	Pass
4	7594.414	54.84	74.0	19.16	Peak	252.00	400	Vertical	Pass
4**	7594.414	44.29	54.0	9.71	AV	252.00	400	Vertical	Pass
5	12532.005	51.12	74.0	22.88	Peak	321.00	400	Vertical	Pass
5**	12532.005	41.69	54.0	12.31	AV	321.00	400	Vertical	Pass
6	15909.206	55.95	74.0	18.05	Peak	141.00	400	Vertical	Pass
6**	15909.206	47.81	54.0	6.19	AV	141.00	400	Vertical	Pass

ANT4**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	1510.244	41.81	74.0	32.19	Peak	76.00	300	Horizontal	Pass
1**	1510.244	27.68	54.0	26.32	AV	76.00	300	Horizontal	Pass
2	2347.244	43.99	74.0	30.01	Peak	3.00	100	Horizontal	Pass
2**	2347.244	34.80	54.0	19.20	AV	3.00	100	Horizontal	Pass
3	4207.604	47.32	74.0	26.68	Peak	135.00	200	Horizontal	Pass
3**	4207.604	38.49	54.0	15.51	AV	135.00	200	Horizontal	Pass
4	7434.284	52.51	74.0	21.49	Peak	328.00	400	Horizontal	Pass
4**	7434.284	44.92	54.0	9.08	AV	328.00	400	Horizontal	Pass
5	12517.574	53.26	74.0	20.74	Peak	154.00	100	Horizontal	Pass
5**	12517.574	48.24	54.0	5.76	AV	154.00	100	Horizontal	Pass
6	16151.009	55.74	74.0	18.26	Peak	249.00	200	Horizontal	Pass
6**	16151.009	45.63	54.0	8.37	AV	249.00	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	1570.844	37.96	74.0	36.04	Peak	179.00	100	Vertical	Pass
1**	1570.844	25.44	54.0	28.56	AV	179.00	100	Vertical	Pass
2	2345.350	45.41	74.0	28.59	Peak	69.00	100	Vertical	Pass
2**	2345.350	36.12	54.0	17.88	AV	69.00	100	Vertical	Pass
3	3918.962	45.31	74.0	28.69	Peak	86.00	200	Vertical	Pass
3**	3918.962	35.48	54.0	18.52	AV	86.00	200	Vertical	Pass
4	7680.042	54.78	74.0	19.22	Peak	226.00	300	Vertical	Pass
4**	7680.042	43.51	54.0	10.49	AV	226.00	300	Vertical	Pass
5	12528.883	56.30	74.0	17.70	Peak	116.00	300	Vertical	Pass
5**	12528.883	41.55	54.0	12.45	AV	116.00	300	Vertical	Pass
6	15381.045	54.99	74.0	19.01	Peak	47.00	400	Vertical	Pass
6**	15381.045	41.88	54.0	12.12	AV	47.00	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	1523.201	37.29	74.0	36.71	Peak	160.00	400	Horizontal	Pass
1**	1523.201	25.74	54.0	28.26	AV	160.00	400	Horizontal	Pass
2	2277.576	46.07	74.0	27.93	Peak	97.00	300	Horizontal	Pass
2**	2277.576	34.22	54.0	19.78	AV	97.00	300	Horizontal	Pass
3	4043.004	46.37	74.0	27.63	Peak	142.00	200	Horizontal	Pass
3**	4043.004	36.68	54.0	17.32	AV	142.00	200	Horizontal	Pass
4	7616.627	53.05	74.0	20.95	Peak	210.00	100	Horizontal	Pass
4**	7616.627	43.11	54.0	10.89	AV	210.00	100	Horizontal	Pass
5	12451.169	54.56	74.0	19.44	Peak	274.00	400	Horizontal	Pass
5**	12451.169	42.56	54.0	11.44	AV	274.00	400	Horizontal	Pass
6	15904.686	53.00	74.0	21.00	Peak	46.00	100	Horizontal	Pass
6**	15904.686	46.43	54.0	7.57	AV	46.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.295	39.49	74.0	34.51	Peak	215.00	300	Vertical	Pass
1**	1534.295	30.49	54.0	23.51	AV	215.00	300	Vertical	Pass
2	2331.960	46.33	74.0	27.67	Peak	40.00	300	Vertical	Pass
2**	2331.960	35.89	54.0	18.11	AV	40.00	300	Vertical	Pass
3	4899.257	48.29	74.0	25.71	Peak	292.00	200	Vertical	Pass
3**	4899.257	38.85	54.0	15.15	AV	292.00	200	Vertical	Pass
4	7328.402	55.27	74.0	18.73	Peak	273.00	200	Vertical	Pass
4**	7328.402	41.69	54.0	12.31	AV	273.00	200	Vertical	Pass
5	12489.838	55.93	74.0	18.07	Peak	300.00	200	Vertical	Pass
5**	12489.838	43.18	54.0	10.82	AV	300.00	200	Vertical	Pass
6	15691.845	51.99	74.0	22.01	Peak	233.00	100	Vertical	Pass
6**	15691.845	45.28	54.0	8.72	AV	233.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.923	36.61	74.0	37.39	Peak	226.00	200	Horizontal	Pass
1**	1525.923	27.34	54.0	26.66	AV	226.00	200	Horizontal	Pass
2	2275.011	45.45	74.0	28.55	Peak	223.00	100	Horizontal	Pass
2**	2275.011	35.21	54.0	18.79	AV	223.00	100	Horizontal	Pass
3	4048.135	47.57	74.0	26.43	Peak	15.00	200	Horizontal	Pass
3**	4048.135	38.45	54.0	15.55	AV	15.00	200	Horizontal	Pass
4	7617.194	52.07	74.0	21.93	Peak	5.00	400	Horizontal	Pass
4**	7617.194	42.78	54.0	11.22	AV	5.00	400	Horizontal	Pass
5	12452.563	51.51	74.0	22.49	Peak	326.00	400	Horizontal	Pass
5**	12452.563	42.89	54.0	11.11	AV	326.00	400	Horizontal	Pass
6	15902.365	54.08	74.0	19.92	Peak	177.00	300	Horizontal	Pass
6**	15902.365	42.56	54.0	11.44	AV	177.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.302	42.17	74.0	31.83	Peak	151.00	200	Vertical	Pass
1**	1601.302	25.56	54.0	28.44	AV	151.00	200	Vertical	Pass
2	2224.200	40.58	74.0	33.42	Peak	102.00	300	Vertical	Pass
2**	2224.200	34.44	54.0	19.56	AV	102.00	300	Vertical	Pass
3	4256.709	45.14	74.0	28.86	Peak	271.00	200	Vertical	Pass
3**	4256.709	35.54	54.0	18.46	AV	271.00	200	Vertical	Pass
4	7709.298	53.09	74.0	20.91	Peak	67.00	200	Vertical	Pass
4**	7709.298	40.24	54.0	13.76	AV	67.00	200	Vertical	Pass
5	12499.063	56.12	74.0	17.88	Peak	296.00	400	Vertical	Pass
5**	12499.063	40.87	54.0	13.13	AV	296.00	400	Vertical	Pass
6	15674.873	56.48	74.0	17.52	Peak	264.00	400	Vertical	Pass
6**	15674.873	41.33	54.0	12.67	AV	264.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.995	40.72	74.0	33.28	Peak	332.00	200	Horizontal	Pass
1**	1524.995	29.90	54.0	24.10	AV	332.00	200	Horizontal	Pass
2	4018.084	49.55	74.0	24.45	Peak	268.00	200	Horizontal	Pass
2**	4018.084	39.21	54.0	14.79	AV	268.00	200	Horizontal	Pass
3	7601.246	52.78	74.0	21.22	Peak	226.00	200	Horizontal	Pass
3**	7601.246	45.51	54.0	8.49	AV	226.00	200	Horizontal	Pass
4	12457.054	51.79	74.0	22.21	Peak	337.00	300	Horizontal	Pass
4**	12457.054	45.30	54.0	8.70	AV	337.00	300	Horizontal	Pass
5	16098.063	54.71	74.0	19.29	Peak	166.00	400	Horizontal	Pass
5**	16098.063	43.24	54.0	10.76	AV	166.00	400	Horizontal	Pass
6	17417.198	57.65	74.0	16.35	Peak	189.00	200	Horizontal	Pass
6**	17417.198	48.64	54.0	5.36	AV	189.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.037	47.30	74.0	26.70	Peak	59.00	300	Vertical	Pass
1**	1335.037	31.34	54.0	22.66	AV	59.00	300	Vertical	Pass
2	1436.429	43.31	74.0	30.69	Peak	96.00	100	Vertical	Pass
2**	1436.429	36.29	54.0	17.71	AV	96.00	100	Vertical	Pass
3	4311.191	46.30	74.0	27.70	Peak	354.00	200	Vertical	Pass
3**	4311.191	39.96	54.0	14.04	AV	354.00	200	Vertical	Pass
4	7594.970	50.07	74.0	23.93	Peak	18.00	400	Vertical	Pass
4**	7594.970	41.97	54.0	12.03	AV	18.00	400	Vertical	Pass
5	12536.249	50.76	74.0	23.24	Peak	163.00	100	Vertical	Pass
5**	12536.249	42.62	54.0	11.38	AV	163.00	100	Vertical	Pass
6	15904.443	52.27	74.0	21.73	Peak	263.00	300	Vertical	Pass
6**	15904.443	43.15	54.0	10.85	AV	263.00	300	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass

Test DataANT5

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.527	54.96	74.0	19.04	Peak	330.00	100	Horizontal	Pass
1**	5076.527	46.17	54.0	7.83	AV	330.00	100	Horizontal	Pass
2	5150.000	53.15	74.0	20.85	Peak	273.00	200	Horizontal	Pass
2**	5150.000	43.19	54.0	10.81	AV	273.00	200	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.35	74.0	17.65	Peak	168.00	300	Horizontal	Pass
1**	5350.000	45.2	54.0	8.80	AV	168.00	300	Horizontal	Pass
2	5423.278	57.11	74.0	16.89	Peak	332.00	200	Horizontal	Pass
2**	5423.278	44.48	54.0	9.52	AV	332.00	200	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	5077.726	58.03	74.0	15.97	Peak	261.00	200	Horizontal	Pass
1**	5077.726	45.97	54.0	8.03	AV	261.00	200	Horizontal	Pass
2	5150.000	56.02	74.0	17.98	Peak	269.00	200	Horizontal	Pass
2**	5150.000	42.6	54.0	11.40	AV	269.00	200	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.91	74.0	18.09	Peak	182.00	200	Horizontal	Pass
1**	5350.000	43.57	54.0	10.43	AV	182.00	200	Horizontal	Pass
2	5424.108	57.64	74.0	16.36	Peak	179.00	100	Horizontal	Pass
2**	5424.108	44.65	54.0	9.35	AV	179.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.291	56.03	74.0	17.97	Peak	207.00	200	Horizontal	Pass
1**	5076.291	44.96	54.0	9.04	AV	207.00	200	Horizontal	Pass
2	5150.000	53.43	74.0	20.57	Peak	77.00	100	Horizontal	Pass
2**	5150.000	46.05	54.0	7.95	AV	77.00	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	54.15	74.0	19.85	Peak	323.00	200	Horizontal	Pass
1**	5350.000	42.95	54.0	11.05	AV	323.00	200	Horizontal	Pass
2	5423.340	58.14	74.0	15.86	Peak	228.00	200	Horizontal	Pass
2**	5423.340	46.81	54.0	7.19	AV	228.00	200	Horizontal	Pass

U-NII-1 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5075.398	54.75	74.0	19.25	Peak	2.00	100	Horizontal	Pass
1**	5075.398	43.88	54.0	10.12	AV	2.00	100	Horizontal	Pass
2	5150.000	53.82	74.0	20.18	Peak	27.00	100	Horizontal	Pass
2**	5150.000	44.83	54.0	9.17	AV	27.00	100	Horizontal	Pass

U-NII-1 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.52	74.0	20.48	Peak	2.00	200	Horizontal	Pass
1**	5350.000	42.59	54.0	11.41	AV	2.00	200	Horizontal	Pass
2	5422.463	55.93	74.0	18.07	Peak	21.00	100	Horizontal	Pass
2**	5422.463	44.16	54.0	9.84	AV	21.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.509	57.94	74.0	16.06	Peak	54.00	100	Horizontal	Pass
1**	4997.509	45.01	54.0	8.99	AV	54.00	100	Horizontal	Pass
2	5150.000	51.9	74.0	22.10	Peak	163.00	100	Horizontal	Pass
2**	5150.000	42.93	54.0	11.07	AV	163.00	100	Horizontal	Pass

U-NII-2A 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.94	74.0	18.06	Peak	19.00	300	Horizontal	Pass
1**	5350.000	43.79	54.0	10.21	AV	19.00	300	Horizontal	Pass
2	5460.609	56.01	74.0	17.99	Peak	178.00	300	Horizontal	Pass
2**	5460.609	44.26	54.0	9.74	AV	178.00	300	Horizontal	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4997.611	54.37	74.0	19.63	Peak	23.00	300	Horizontal	Pass
1**	4997.611	42.42	54.0	11.58	AV	23.00	300	Horizontal	Pass
2	5150.000	53.18	74.0	20.82	Peak	71.00	100	Horizontal	Pass
2**	5150.000	44.02	54.0	9.98	AV	71.00	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	56.96	74.0	17.04	Peak	163.00	100	Horizontal	Pass
1**	5350.000	44.22	54.0	9.78	AV	163.00	100	Horizontal	Pass
2	5461.182	56.01	74.0	17.99	Peak	349.00	300	Horizontal	Pass
2**	5461.182	45.89	54.0	8.11	AV	349.00	300	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4996.574	54.29	74.0	19.71	Peak	206.00	300	Horizontal	Pass
1**	4996.574	43.84	54.0	10.16	AV	206.00	300	Horizontal	Pass
2	5150.000	52.8	74.0	21.20	Peak	135.00	300	Horizontal	Pass
2**	5150.000	45.82	54.0	8.18	AV	135.00	300	Horizontal	Pass

U-NII-2A 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.8	74.0	19.20	Peak	68.00	300	Horizontal	Pass
1**	5350.000	42.76	54.0	11.24	AV	68.00	300	Horizontal	Pass
2	5460.303	57.44	74.0	16.56	Peak	73.00	300	Horizontal	Pass
2**	5460.303	43.3	54.0	10.70	AV	73.00	300	Horizontal	Pass

U-NII-2A 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4998.781	55.21	74.0	18.79	Peak	152.00	100	Horizontal	Pass
1**	4998.781	43	54.0	11.00	AV	152.00	100	Horizontal	Pass
2	5150.000	53.43	74.0	20.57	Peak	25.00	300	Horizontal	Pass
2**	5150.000	45.91	54.0	8.09	AV	25.00	300	Horizontal	Pass

U-NII-2A 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.2	74.0	19.80	Peak	289.00	200	Horizontal	Pass
1**	5350.000	45.08	54.0	8.92	AV	289.00	200	Horizontal	Pass
2	5460.995	56.45	74.0	17.55	Peak	158.00	300	Horizontal	Pass
2**	5460.995	46.14	54.0	7.86	AV	158.00	300	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5411.506	56.65	74.0	17.35	Peak	99.00	300	Horizontal	Pass
1**	5411.459	43.1	54.0	10.90	AV	99.00	300	Horizontal	Pass
2	5460.000	56.07	74.0	17.93	Peak	282.00	100	Horizontal	Pass
2**	5460.000	44.93	54.0	9.07	AV	282.00	100	Horizontal	Pass
3	5467.828	56.56	68.2	11.64	Peak	91.00	300	Horizontal	Pass
3**	5466.060	47.06	--	--	AV	91.00	300	Horizontal	N/A
4	5470.000	55.42	68.2	12.78	Peak	341.00	300	Horizontal	Pass
4**	5470.000	47.44	--	--	AV	341.00	300	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	56.45	68.2	11.75	Peak	43.00	100	Horizontal	Pass
2	5775.264	58.48	68.2	9.72	Peak	0.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.075	54.92	74.0	19.08	Peak	315.00	200	Horizontal	Pass
1**	5412.494	44.63	54.0	9.37	AV	315.00	200	Horizontal	Pass
2	5460.000	53.67	74.0	20.33	Peak	335.00	200	Horizontal	Pass
2**	5460.000	46.87	54.0	7.13	AV	335.00	200	Horizontal	Pass
3	5468.396	58.12	68.2	10.08	Peak	197.00	300	Horizontal	Pass
3**	5468.815	44.3	--	--	AV	197.00	300	Horizontal	N/A
4	5470.000	55.34	68.2	12.86	Peak	253.00	200	Horizontal	Pass
4**	5470.000	45.75	--	--	AV	253.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.43	68.2	11.77	Peak	123.00	100	Horizontal	Pass
2	5775.773	56.46	68.2	11.74	Peak	86.00	300	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	5412.685	55.25	74.0	18.75	Peak	73.00	300	Horizontal	Pass
1**	5410.949	43.78	54.0	10.22	AV	73.00	300	Horizontal	Pass
2	5460.000	55.61	74.0	18.39	Peak	221.00	100	Horizontal	Pass
2**	5460.000	45.97	54.0	8.03	AV	221.00	100	Horizontal	Pass
3	5466.886	55.16	68.2	13.04	Peak	151.00	300	Horizontal	Pass
3**	5468.044	45.53	--	--	AV	151.00	300	Horizontal	N/A
4	5470.000	55.1	68.2	13.10	Peak	112.00	300	Horizontal	Pass
4**	5470.000	47.92	--	--	AV	112.00	300	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	54.87	68.2	13.33	Peak	118.00	200	Horizontal	Pass
2	5777.297	56.99	68.2	11.21	Peak	234.00	300	Horizontal	Pass

U-NII-2C 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5412.497	57.08	74.0	16.92	Peak	229.00	200	Horizontal	Pass
1**	5411.479	46.43	54.0	7.57	AV	229.00	200	Horizontal	Pass
2	5460.000	55.28	74.0	18.72	Peak	231.00	300	Horizontal	Pass
2**	5460.000	45.95	54.0	8.05	AV	231.00	300	Horizontal	Pass
3	5467.650	56.91	68.2	11.29	Peak	56.00	100	Horizontal	Pass
3**	5468.528	46.68	--	--	AV	56.00	100	Horizontal	N/A
4	5470.000	53.7	68.2	14.50	Peak	314.00	200	Horizontal	Pass
4**	5470.000	47.05	--	--	AV	314.00	200	Horizontal	N/A

U-NII-2C 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	53.25	68.2	14.95	Peak	116.00	300	Horizontal	Pass
2	5774.944	55.9	68.2	12.30	Peak	250.00	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	5644.051	57.42	68.2	10.78	Peak	225.00	300	Horizontal	Pass
2	5650.000	55.44	68.2	12.76	Peak	225.00	300	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	53.28	68.2	14.92	Peak	222.00	100	Horizontal	Pass
2	5941.961	55.5	68.2	12.70	Peak	284.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.806	58.25	68.2	9.95	Peak	243.00	300	Horizontal	Pass
2	5650.000	56.06	68.2	12.14	Peak	243.00	300	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	50.43	68.2	17.77	Peak	3.00	300	Horizontal	Pass
2	5942.614	52.77	68.2	15.43	Peak	297.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.927	59.46	68.2	8.74	Peak	186.00	100	Horizontal	Pass
2	5650.000	54.37	68.2	13.83	Peak	186.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	47.15	68.2	21.05	Peak	65.00	300	Horizontal	Pass
2	5943.443	49.98	68.2	18.22	Peak	188.00	300	Horizontal	Pass

U-NII-3 11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.419	57.53	68.2	10.67	Peak	61.00	200	Horizontal	Pass
2	5650.000	49.77	68.2	18.43	Peak	61.00	200	Horizontal	Pass

U-NII-3 11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	42.43	68.2	25.77	Peak	34.00	200	Horizontal	Pass
2	5948.718	46.17	68.2	22.03	Peak	260.00	300	Horizontal	Pass

ANT1**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	52.6	74.0	21.40	Peak	75.00	200	Horizontal	Pass
1**	5350.000	44.38	54.0	9.62	AV	75.00	200	Horizontal	Pass
2	5422.493	58.25	74.0	15.75	Peak	109.00	200	Horizontal	Pass
2**	5422.493	44.13	54.0	9.87	AV	109.00	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	55.62	74.0	18.38	Peak	267.00	100	Horizontal	Pass
1**	5350.000	45.9	54.0	8.10	AV	267.00	100	Horizontal	Pass
2	5459.347	56.51	74.0	17.49	Peak	241.00	100	Horizontal	Pass
2**	5459.347	46.19	54.0	7.81	AV	241.00	100	Horizontal	Pass

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	54.4	68.2	13.80	Peak	309.00	100	Horizontal	Pass
2	5775.651	57.08	68.2	11.12	Peak	273.00	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	5641.899	54.39	68.2	13.81	Peak	42.00	300	Horizontal	Pass
2	5650.000	54.69	68.2	13.51	Peak	42.00	300	Horizontal	Pass

ANT2**U-NII-1 11a High Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55	74.0	19.00	Peak	193.00	200	Horizontal	Pass
1**	5350.000	44.85	54.0	9.15	AV	193.00	200	Horizontal	Pass
2	5423.390	58.21	74.0	15.79	Peak	225.00	300	Horizontal	Pass
2**	5423.390	45.86	54.0	8.14	AV	225.00	300	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	53.14	74.0	20.86	Peak	317.00	200	Horizontal	Pass
1**	5350.000	45.15	54.0	8.85	AV	317.00	200	Horizontal	Pass
2	5461.515	59.11	74.0	14.89	Peak	342.00	300	Horizontal	Pass
2**	5461.515	46.17	54.0	7.83	AV	342.00	300	Horizontal	Pass

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.45	68.2	11.75	Peak	86.00	200	Horizontal	Pass
2	5775.610	56.39	68.2	11.81	Peak	177.00	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	5642.850	55.38	68.2	12.82	Peak	130.00	300	Horizontal	Pass
2	5650.000	56.11	68.2	12.09	Peak	130.00	300	Horizontal	Pass

ANT3**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	54.22	74.0	19.78	Peak	14.00	100	Horizontal	Pass
1**	5350.000	42.69	54.0	11.31	AV	14.00	100	Horizontal	Pass
2	5424.430	55.74	74.0	18.26	Peak	28.00	300	Horizontal	Pass
2**	5424.430	44.5	54.0	9.50	AV	28.00	300	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	53.08	74.0	20.92	Peak	191.00	200	Horizontal	Pass
1**	5350.000	44.66	54.0	9.34	AV	191.00	200	Horizontal	Pass

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.12	68.2	13.08	Peak	297.00	300	Horizontal	Pass
2	5775.326	55.89	68.2	12.31	Peak	283.00	100	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	5642.403	54.48	68.2	13.72	Peak	92.00	100	Horizontal	Pass
2	5650.000	56.23	68.2	11.97	Peak	92.00	100	Horizontal	Pass

ANT4**U-NII-1 11a High Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.7	74.0	18.30	Peak	238.00	300	Horizontal	Pass
1**	5350.000	44.81	54.0	9.19	AV	238.00	300	Horizontal	Pass
2	5424.412	55.81	74.0	18.19	Peak	144.00	300	Horizontal	Pass
2**	5424.412	44.85	54.0	9.15	AV	144.00	300	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	54.5	74.0	19.50	Peak	229.00	100	Horizontal	Pass
1**	5350.000	42.94	54.0	11.06	AV	229.00	100	Horizontal	Pass

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	54.4	68.2	13.80	Peak	309.00	100	Horizontal	Pass
2	5775.651	57.08	68.2	11.12	Peak	273.00	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	5641.899	54.39	68.2	13.81	Peak	42.00	300	Horizontal	Pass
2	5650.000	54.69	68.2	13.51	Peak	42.00	300	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2541261-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2541261-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2541261-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--