

TEST REPORT

Applicant: E&S International Enterprises, Inc.
Address: 7801 Hayvenhurst Avenue, Van Nuys, California
91406, United States
Equipment Type: Desktop Computer
Model Name: GWDC5H27Q58-BK (refer to section 2.3)
Brand Name: Gateway, RCA
FCC ID: 2AYPE-GWDC5H27
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: May 19, 2025
Test Date: May 31, 2025 - Jun. 05, 2025
Date of Issue: Jun. 27, 2025

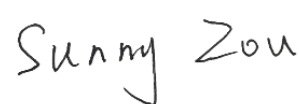
ISSUED BY:

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(Technical Director)



Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 27, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States

2.2 Manufacturer Information

Manufacturer	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States

2.3 General Description for Equipment under Test (EUT)

EUT Name	Desktop Computer
Model Name Under Test	GWDC5H27Q58-BK
Series Model Name	GWDC7H27Q58-BK, RWDC5H27Q58-BK, RWDC7H27Q58-BK, Shiheng D60Y
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 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-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
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, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz, 160MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz
Maximum Output Power	U-NII-1: 96.36 mW U-NII-3: 93.30 mW
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax
Antenna Type	Main Antenna Aux. Antenna PIFA Antenna
Antenna Gain	Main Antenna 5150 MHz to 5250 MHz: 1.68 dBi 5725 MHz to 5850 MHz: 1.62 dBi Aux. Antenna 5150 MHz to 5250 MHz: 0.13 dBi 5725 MHz to 5850 MHz: 2.52 dBi
Total directional gain	For power spectral density (PSD) measurements Correlated: 5150 MHz to 5250 MHz: 3.95 dBi 5725 MHz to 5850 MHz: 5.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: 5150 MHz to 5250 MHz: 0.97 dBi 5725 MHz to 5850 MHz: 2.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi For power Correlated:

	measurements	5150 MHz to 5250 MHz: 3.95 dBi 5725 MHz to 5850 MHz: 5.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: 5150 MHz to 5250 MHz: 0.97 dBi 5725 MHz to 5850 MHz: 2.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
About the Product		The equipment is Desktop Computer, intended for used with information technology equipment.

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ac160	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
802.11ax160	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	--	--	--	--	--	--
802.11ax40	√	--	--	--	--	--	--
802.11ax80	√	--	--	--	--	--	--
802.11ax160	√	--	--	--	--	--	--

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

2.5 Channel List

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210	50	5250
40	5200	46	5230	155	5775		
44	5220	151	5755				
48	5240	159	5795				
149	5745						
153	5765						
157	5785						
161	5805						
165	5825						

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

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)/ax(HE40)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)/ax(HE80)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

For 802.11ac(VHT160)/ax(HE160)

U-NII-1 (5150 - 5250 MHz)		
Channel Number	Channel	Frequency (MHz)
50	Mid	5250

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-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ac(160 MHz)	58.5		50	/
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
	11ax(160 MHz)	34		50	/
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ac(160 MHz)	58.5		50	/
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
	11ax(160 MHz)	34		50	/
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
	11ac(160 MHz)	58.5		N/A	/
	11ax(20 MHz)	4		N/A	165/157/149
	11ax(40 MHz)	8		N/A	159/151
	11ax(80 MHz)	17		N/A	155
	11ax(160 MHz)	34		N/A	/
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151

	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ac(160 MHz)	58.5		50	/
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
	11ax(160 MHz)	34		50	/
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ac(160 MHz)	58.5		50	/
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
	11ax(160 MHz)	34		50	/
Band Edge (Restricted- band)	11a	6	BPSK	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ac(160 MHz)	58.5		50	/
	11ax(20 MHz)	4		48/36	165/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
	11ax(160 MHz)	34		50	/

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

Note²: 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	52% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.4℃ to +24.6℃
Working Voltage of the EUT	NV (Normal Voltage)	230V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	2024.08.01	2025.07.31
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
				2025.04.28	2026.04.27
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
				2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
				2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18
				2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

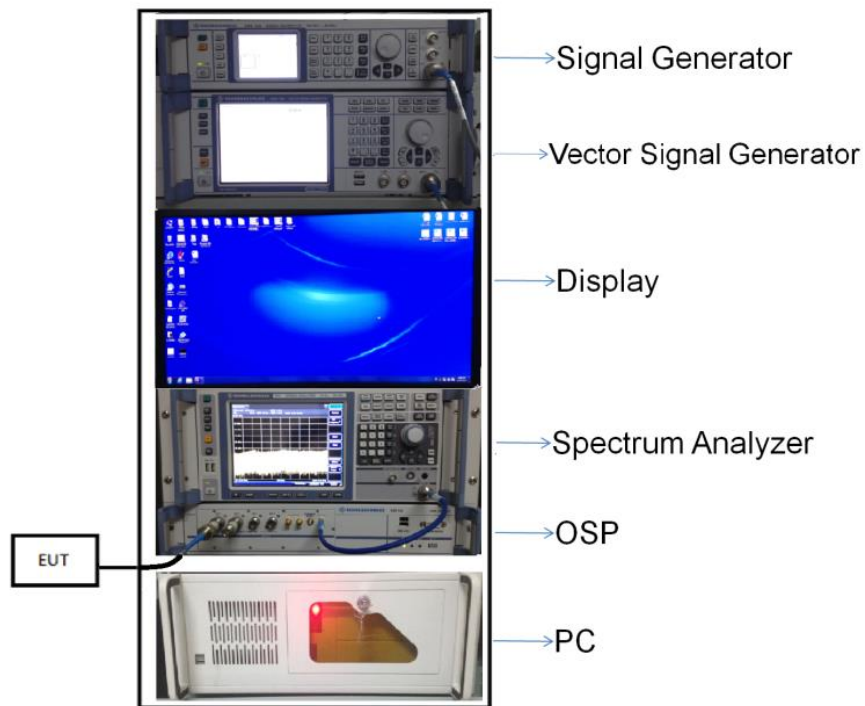
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

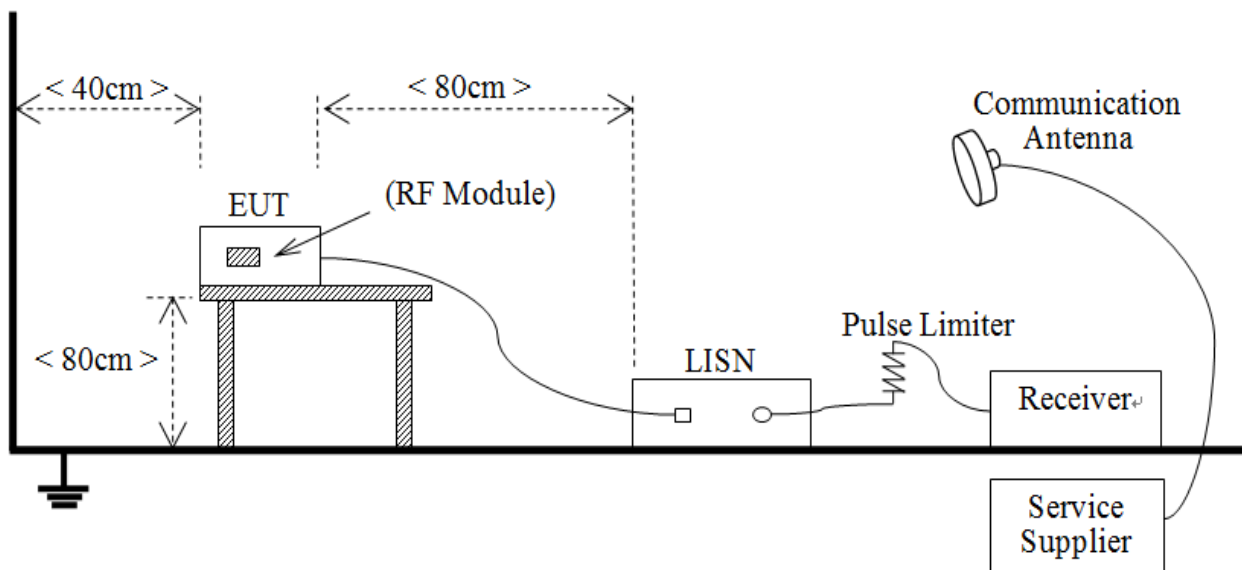
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



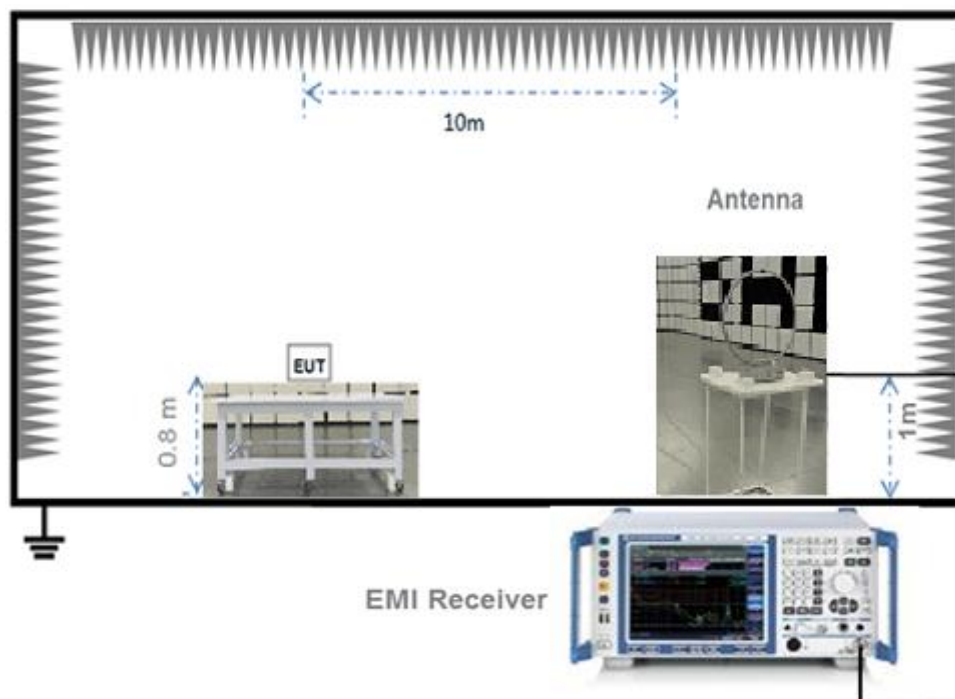
(Diagram 1)

4.5.2 For AC Power Supply Port Test



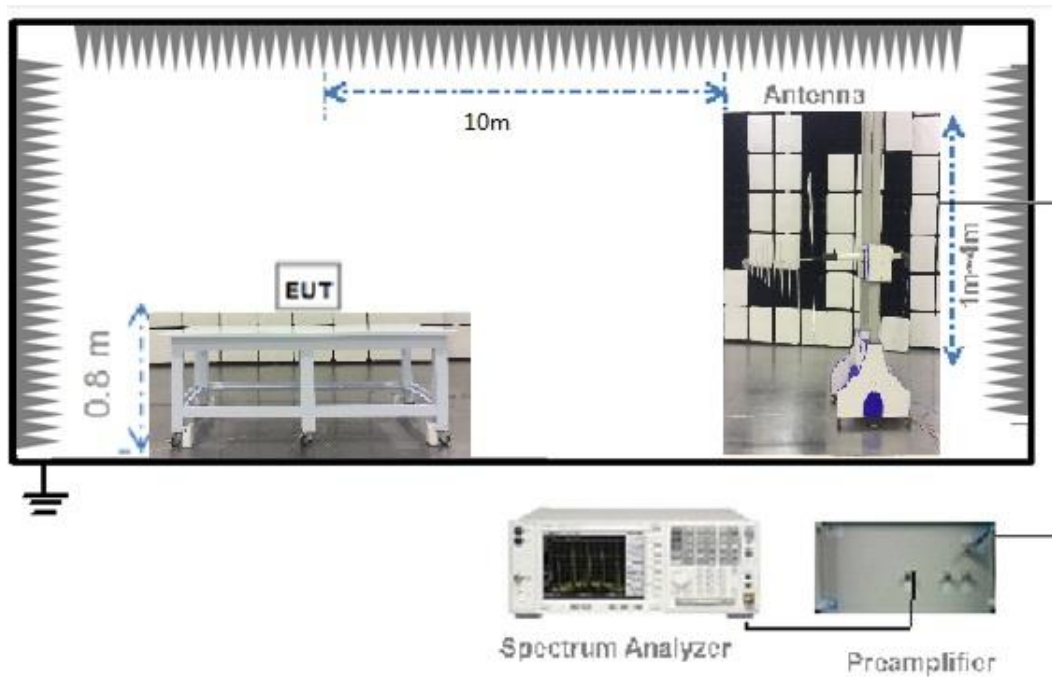
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



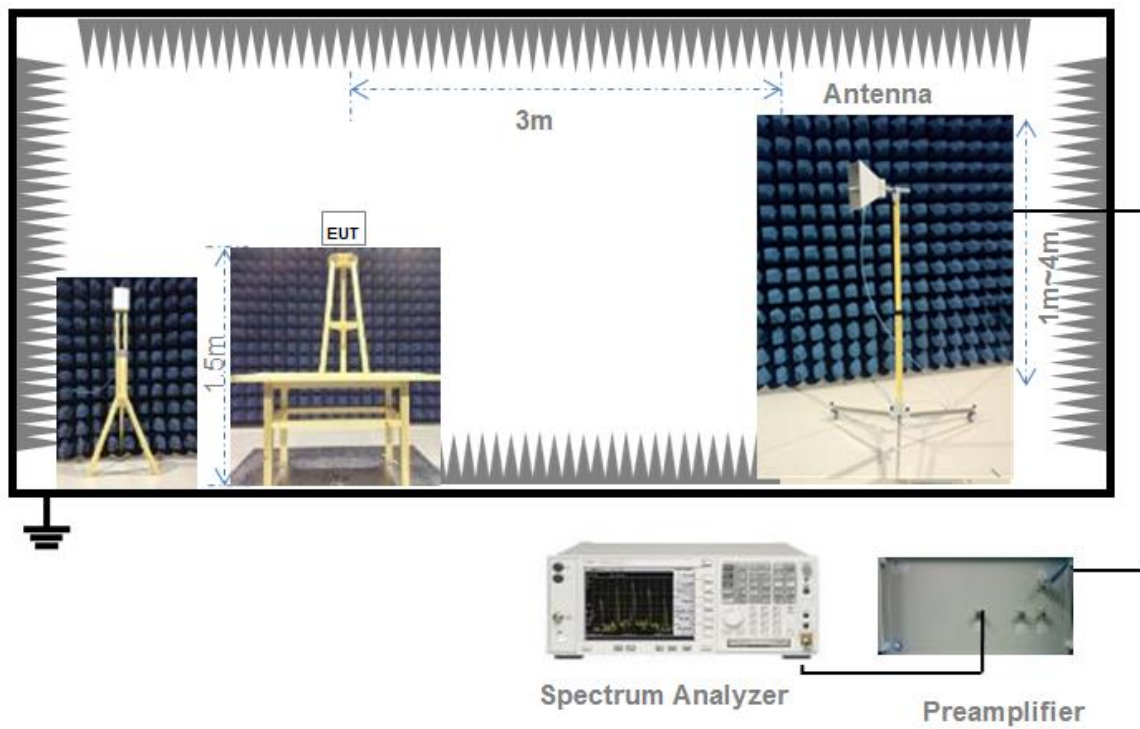
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.082	2.133	97.61%	0.11
11n(HT20)/11ac(VHT20)	3.947	3.993	98.85%	0.05
11n(HT40)/11ac(VHT40)	3.97	4.008	99.05%	0.04
11ac(VHT80)	3.963	4.008	98.88%	0.05
11ac(VHT160)	3.963	4.000	99.08%	0.04
11ax(HE20)	3.985	4.023	99.06%	0.04
11ax(HE40)	3.985	4.045	98.52%	0.06
11ax(HE80)	3.985	4.030	98.88%	0.05
11ax(HE160)	3.963	4.008	98.88%	0.05

Test DataConducted PowerMain Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.67	58.41	250	Pass
11a	CH44	19.65	92.15	250	Pass
11a	CH48	19.67	92.58	250	Pass
11n(HT20)	CH36	16.92	49.21	250	Pass
11n(HT20)	CH44	19.33	85.71	250	Pass
11n(HT20)	CH48	19.25	84.15	250	Pass
11n(HT40)	CH38	17.27	53.35	250	Pass
11n(HT40)	CH46	19.61	91.44	250	Pass
11ac(VHT20)	CH36	17.06	50.82	250	Pass
11ac(VHT20)	CH44	19.19	82.99	250	Pass
11ac(VHT20)	CH48	19.24	83.95	250	Pass
11ac(VHT40)	CH38	17.17	52.14	250	Pass
11ac(VHT40)	CH46	19.48	88.74	250	Pass
11ac(VHT80)	CH42	16.90	48.97	250	Pass
11ac(VHT160)	CH50	14.14	25.94	250	Pass
11ax(HE20)(SU)	CH36	18.89	77.47	250	Pass
11ax(HE20)(SU)	CH44	18.96	78.73	250	Pass
11ax(HE20)(SU)	CH48	19.09	81.12	250	Pass
11ax(HE40)(SU)	CH38	16.65	46.29	250	Pass
11ax(HE40)(SU)	CH46	19.25	84.23	250	Pass
11ax(HE80)(SU)	CH42	16.64	46.12	250	Pass
11ax(HE160)(SU)	CH50	14.08	25.58	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.23	83.66	1000	Pass
11a	CH157	18.85	76.65	1000	Pass
11a	CH165	18.81	75.95	1000	Pass
11n(HT20)	CH149	19.07	80.73	1000	Pass
11n(HT20)	CH157	18.72	74.48	1000	Pass
11n(HT20)	CH165	18.67	73.63	1000	Pass
11n(HT40)	CH151	19.22	83.59	1000	Pass
11n(HT40)	CH159	18.87	77.11	1000	Pass
11ac(VHT20)	CH149	18.95	78.53	1000	Pass
11ac(VHT20)	CH157	18.63	72.95	1000	Pass
11ac(VHT20)	CH165	18.61	72.62	1000	Pass
11ac(VHT40)	CH151	19.15	82.25	1000	Pass
11ac(VHT40)	CH159	18.83	76.41	1000	Pass
11ac(VHT80)	CH155	19.12	81.64	1000	Pass
11ax(HE20)(SU)	CH149	19.04	80.19	1000	Pass
11ax(HE20)(SU)	CH157	18.70	74.15	1000	Pass
11ax(HE20)(SU)	CH165	18.60	72.46	1000	Pass
11ax(HE40)(SU)	CH151	19.16	82.51	1000	Pass
11ax(HE40)(SU)	CH159	18.80	75.94	1000	Pass
11ax(HE80)(SU)	CH155	19.17	82.58	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	19.41	87.20	250	Pass
11a	CH44	19.22	83.47	250	Pass
11a	CH48	19.24	83.85	250	Pass
11n(HT20)	CH36	19.20	83.18	250	Pass
11n(HT20)	CH44	19.05	80.36	250	Pass
11n(HT20)	CH48	19.16	82.42	250	Pass
11n(HT40)	CH38	19.48	88.74	250	Pass
11n(HT40)	CH46	19.38	86.72	250	Pass
11ac(VHT20)	CH36	19.20	83.18	250	Pass
11ac(VHT20)	CH44	19.06	80.54	250	Pass
11ac(VHT20)	CH48	19.18	82.80	250	Pass
11ac(VHT40)	CH38	19.68	92.93	250	Pass
11ac(VHT40)	CH46	19.57	90.60	250	Pass
11ac(VHT80)	CH42	19.84	96.36	250	Pass
11ac(VHT160)	CH50	18.39	69.03	250	Pass
11ax(HE20)(SU)	CH36	19.25	84.16	250	Pass
11ax(HE20)(SU)	CH44	19.15	82.25	250	Pass
11ax(HE20)(SU)	CH48	19.17	82.63	250	Pass
11ax(HE40)(SU)	CH38	19.43	87.80	250	Pass
11ax(HE40)(SU)	CH46	19.30	85.21	250	Pass
11ax(HE80)(SU)	CH42	19.54	89.92	250	Pass
11ax(HE160)(SU)	CH50	18.39	69.01	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.41	87.20	1000	Pass
11a	CH157	19.21	83.27	1000	Pass
11a	CH165	18.92	77.90	1000	Pass
11n(HT20)	CH149	19.27	84.53	1000	Pass
11n(HT20)	CH157	19.07	80.73	1000	Pass
11n(HT20)	CH165	18.79	75.69	1000	Pass
11n(HT40)	CH151	19.50	89.15	1000	Pass
11n(HT40)	CH159	19.34	85.93	1000	Pass
11ac(VHT20)	CH149	19.28	84.73	1000	Pass
11ac(VHT20)	CH157	19.10	81.29	1000	Pass
11ac(VHT20)	CH165	18.82	76.21	1000	Pass
11ac(VHT40)	CH151	19.53	89.77	1000	Pass
11ac(VHT40)	CH159	19.31	85.34	1000	Pass
11ac(VHT80)	CH155	19.70	93.30	1000	Pass
11ax(HE20)(SU)	CH149	19.12	81.68	1000	Pass
11ax(HE20)(SU)	CH157	18.92	78.00	1000	Pass
11ax(HE20)(SU)	CH165	18.65	73.30	1000	Pass
11ax(HE40)(SU)	CH151	19.29	85.01	1000	Pass
11ax(HE40)(SU)	CH159	19.06	80.63	1000	Pass
11ax(HE80)(SU)	CH155	19.43	87.68	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	18.61	72.53	1000	Pass
11a	CH44	19.41	87.20	1000	Pass
11a	CH48	19.51	89.23	1000	Pass
11n(HT20)	CH36	18.25	66.84	1000	Pass
11n(HT20)	CH44	19.25	84.15	1000	Pass
11n(HT20)	CH48	19.25	84.15	1000	Pass
11n(HT40)	CH38	18.54	71.47	1000	Pass
11n(HT40)	CH46	19.54	89.98	1000	Pass
11ac(VHT20)	CH36	18.25	66.84	1000	Pass
11ac(VHT20)	CH44	19.15	82.23	1000	Pass
11ac(VHT20)	CH48	19.25	84.15	1000	Pass
11ac(VHT40)	CH38	18.64	73.14	1000	Pass
11ac(VHT40)	CH46	19.54	89.98	1000	Pass
11ac(VHT80)	CH42	18.65	73.27	1000	Pass
11ac(VHT160)	CH50	16.74	47.21	1000	Pass
11ax(HE20)(SU)	CH36	19.04	80.19	1000	Pass
11ax(HE20)(SU)	CH44	19.04	80.19	1000	Pass
11ax(HE20)(SU)	CH48	19.14	82.06	1000	Pass
11ax(HE40)(SU)	CH38	18.26	67.06	1000	Pass
11ax(HE40)(SU)	CH46	19.26	84.43	1000	Pass
11ax(HE80)(SU)	CH42	18.35	68.37	1000	Pass
11ax(HE160)(SU)	CH50	16.75	47.30	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.31	85.21	1000	Pass
11a	CH157	19.01	79.53	1000	Pass
11a	CH165	18.91	77.72	1000	Pass
11n(HT20)	CH149	19.15	82.23	1000	Pass
11n(HT20)	CH157	18.95	78.53	1000	Pass
11n(HT20)	CH165	18.75	74.99	1000	Pass
11n(HT40)	CH151	19.34	85.93	1000	Pass
11n(HT40)	CH159	19.14	82.06	1000	Pass
11ac(VHT20)	CH149	19.15	82.23	1000	Pass
11ac(VHT20)	CH157	18.85	76.74	1000	Pass
11ac(VHT20)	CH165	18.75	74.99	1000	Pass
11ac(VHT40)	CH151	19.34	85.93	1000	Pass
11ac(VHT40)	CH159	19.04	80.19	1000	Pass
11ac(VHT80)	CH155	19.45	88.09	1000	Pass
11ax(HE20)(SU)	CH149	19.14	82.06	1000	Pass
11ax(HE20)(SU)	CH157	18.84	76.58	1000	Pass
11ax(HE20)(SU)	CH165	18.64	73.13	1000	Pass
11ax(HE40)(SU)	CH151	19.26	84.43	1000	Pass
11ax(HE40)(SU)	CH159	18.96	78.79	1000	Pass
11ax(HE80)(SU)	CH155	19.35	86.07	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2550701-604 Data Part 1.pdf”.

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

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.21	16.62
11a	CH44	23.41	16.59
11a	CH48	23.53	16.61
11n(HT20)	CH36	24.07	17.74
11n(HT20)	CH44	23.69	17.72
11n(HT20)	CH48	23.82	17.70
11n(HT40)	CH38	43.52	36.10
11n(HT40)	CH46	43.74	36.09
11ac(VHT20)	CH36	24.30	17.70
11ac(VHT20)	CH44	23.87	17.71
11ac(VHT20)	CH48	23.97	17.71
11ac(VHT40)	CH38	43.26	36.09
11ac(VHT40)	CH46	43.15	36.10
11ac(VHT80)	CH42	87.29	75.23
11ac(VHT160)	CH50	212.90	153.73
11ax(HE20)(SU)	CH36	22.99	18.92
11ax(HE20)(SU)	CH44	22.92	18.89
11ax(HE20)(SU)	CH48	23.25	18.91
11ax(HE40)(SU)	CH38	43.03	37.53
11ax(HE40)(SU)	CH46	43.98	37.50
11ax(HE80)(SU)	CH42	82.61	76.81
11ax(HE160)(SU)	CH50	163.90	155.44

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.32	16.62
11a	CH157	23.18	16.64
11a	CH165	23.64	16.59
11n(HT20)	CH149	23.74	17.70
11n(HT20)	CH157	24.10	17.70
11n(HT20)	CH165	23.95	17.70
11n(HT40)	CH151	43.21	36.05
11n(HT40)	CH159	44.21	36.10
11ac(VHT20)	CH149	23.76	17.70
11ac(VHT20)	CH157	23.73	17.71
11ac(VHT20)	CH165	23.68	17.70
11ac(VHT40)	CH151	43.30	36.06
11ac(VHT40)	CH159	43.57	36.12
11ac(VHT80)	CH155	84.98	75.24
11ax(HE20)(SU)	CH149	23.54	18.90
11ax(HE20)(SU)	CH157	23.28	18.88
11ax(HE20)(SU)	CH165	22.97	18.87
11ax(HE40)(SU)	CH151	43.18	37.57
11ax(HE40)(SU)	CH159	43.34	37.55
11ax(HE80)(SU)	CH155	82.76	76.70

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2550701-604 Data Part 2.pdf”.

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

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	14.30	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	14.20	500.00	Pass
11n(HT20)	CH149	12.75	500.00	Pass
11n(HT20)	CH157	14.55	500.00	Pass
11n(HT20)	CH165	15.60	500.00	Pass
11n(HT40)	CH151	35.15	500.00	Pass
11n(HT40)	CH159	31.40	500.00	Pass
11ac(VHT20)	CH149	15.00	500.00	Pass
11ac(VHT20)	CH157	15.10	500.00	Pass
11ac(VHT20)	CH165	15.15	500.00	Pass
11ac(VHT40)	CH151	34.65	500.00	Pass
11ac(VHT40)	CH159	35.10	500.00	Pass
11ac(VHT80)	CH155	75.10	500.00	Pass
11ax(HE20)(SU)	CH149	16.40	500.00	Pass
11ax(HE20)(SU)	CH157	17.65	500.00	Pass
11ax(HE20)(SU)	CH165	17.25	500.00	Pass
11ax(HE40)(SU)	CH151	33.35	500.00	Pass
11ax(HE40)(SU)	CH159	36.10	500.00	Pass
11ax(HE80)(SU)	CH155	73.90	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2550701-604 Data Part 3.pdf".

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	8.59	11.00	Pass
11a	CH44	8.66	11.00	Pass
11a	CH48	8.69	11.00	Pass
11n(HT20)	CH36	8.22	11.00	Pass
11n(HT20)	CH44	8.26	11.00	Pass
11n(HT20)	CH48	8.23	11.00	Pass
11n(HT40)	CH38	4.96	11.00	Pass
11n(HT40)	CH46	4.97	11.00	Pass
11ac(VHT20)	CH36	8.06	11.00	Pass
11ac(VHT20)	CH44	7.97	11.00	Pass
11ac(VHT20)	CH48	8.05	11.00	Pass
11ac(VHT40)	CH38	4.80	11.00	Pass
11ac(VHT40)	CH46	4.82	11.00	Pass
11ac(VHT80)	CH42	1.99	11.00	Pass
11ac(VHT160)	CH50	-2.44	11.00	Pass
11ax(HE20)(SU)	CH36	7.52	11.00	Pass
11ax(HE20)(SU)	CH44	7.61	11.00	Pass
11ax(HE20)(SU)	CH48	7.70	11.00	Pass
11ax(HE40)(SU)	CH38	4.47	11.00	Pass
11ax(HE40)(SU)	CH46	4.51	11.00	Pass
11ax(HE80)(SU)	CH42	1.79	11.00	Pass
11ax(HE160)(SU)	CH50	-2.67	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	5.17	30.00	Pass
11a	CH157	5.00	30.00	Pass
11a	CH165	5.14	30.00	Pass
11n(HT20)	CH149	4.89	30.00	Pass
11n(HT20)	CH157	4.78	30.00	Pass
11n(HT20)	CH165	4.76	30.00	Pass
11n(HT40)	CH151	1.70	30.00	Pass
11n(HT40)	CH159	1.42	30.00	Pass
11ac(VHT20)	CH149	4.85	30.00	Pass
11ac(VHT20)	CH157	4.66	30.00	Pass
11ac(VHT20)	CH165	4.74	30.00	Pass
11ac(VHT40)	CH151	1.75	30.00	Pass
11ac(VHT40)	CH159	1.44	30.00	Pass
11ac(VHT80)	CH155	-1.10	30.00	Pass
11ax(HE20)(SU)	CH149	4.70	30.00	Pass
11ax(HE20)(SU)	CH157	4.52	30.00	Pass
11ax(HE20)(SU)	CH165	4.50	30.00	Pass
11ax(HE40)(SU)	CH151	1.45	30.00	Pass
11ax(HE40)(SU)	CH159	1.15	30.00	Pass
11ax(HE80)(SU)	CH155	-1.44	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	8.43	11.00	Pass
11a	CH44	8.33	11.00	Pass
11a	CH48	8.26	11.00	Pass
11n(HT20)	CH36	8.12	11.00	Pass
11n(HT20)	CH44	7.97	11.00	Pass
11n(HT20)	CH48	8.00	11.00	Pass
11n(HT40)	CH38	4.94	11.00	Pass
11n(HT40)	CH46	4.84	11.00	Pass
11ac(VHT20)	CH36	8.21	11.00	Pass
11ac(VHT20)	CH44	8.02	11.00	Pass
11ac(VHT20)	CH48	7.99	11.00	Pass
11ac(VHT40)	CH38	5.09	11.00	Pass
11ac(VHT40)	CH46	5.08	11.00	Pass
11ac(VHT80)	CH42	2.20	11.00	Pass
11ac(VHT160)	CH50	-1.91	11.00	Pass
11ax(HE20)(SU)	CH36	7.92	11.00	Pass
11ax(HE20)(SU)	CH44	7.86	11.00	Pass
11ax(HE20)(SU)	CH48	7.85	11.00	Pass
11ax(HE40)(SU)	CH38	4.69	11.00	Pass
11ax(HE40)(SU)	CH46	4.58	11.00	Pass
11ax(HE80)(SU)	CH42	1.86	11.00	Pass
11ax(HE160)(SU)	CH50	-2.08	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	5.47	30.00	Pass
11a	CH157	5.30	30.00	Pass
11a	CH165	5.10	30.00	Pass
11n(HT20)	CH149	5.11	30.00	Pass
11n(HT20)	CH157	5.02	30.00	Pass
11n(HT20)	CH165	4.86	30.00	Pass
11n(HT40)	CH151	1.98	30.00	Pass
11n(HT40)	CH159	1.98	30.00	Pass
11ac(VHT20)	CH149	5.14	30.00	Pass
11ac(VHT20)	CH157	5.06	30.00	Pass
11ac(VHT20)	CH165	4.93	30.00	Pass
11ac(VHT40)	CH151	2.07	30.00	Pass
11ac(VHT40)	CH159	1.97	30.00	Pass
11ac(VHT80)	CH155	-0.84	30.00	Pass
11ax(HE20)(SU)	CH149	4.82	30.00	Pass
11ax(HE20)(SU)	CH157	4.66	30.00	Pass
11ax(HE20)(SU)	CH165	4.54	30.00	Pass
11ax(HE40)(SU)	CH151	1.55	30.00	Pass
11ax(HE40)(SU)	CH159	1.48	30.00	Pass
11ax(HE80)(SU)	CH155	-1.04	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	7.60	17.00	Pass
11a	CH44	8.50	17.00	Pass
11a	CH48	8.50	17.00	Pass
11n(HT20)	CH36	7.20	17.00	Pass
11n(HT20)	CH44	8.10	17.00	Pass
11n(HT20)	CH48	8.10	17.00	Pass
11n(HT40)	CH38	4.00	17.00	Pass
11n(HT40)	CH46	4.90	17.00	Pass
11ac(VHT20)	CH36	7.20	17.00	Pass
11ac(VHT20)	CH44	8.00	17.00	Pass
11ac(VHT20)	CH48	8.00	17.00	Pass
11ac(VHT40)	CH38	4.10	17.00	Pass
11ac(VHT40)	CH46	5.00	17.00	Pass
11ac(VHT80)	CH42	1.00	17.00	Pass
11ac(VHT160)	CH50	-3.50	17.00	Pass
11ax(HE20)(SU)	CH36	7.70	17.00	Pass
11ax(HE20)(SU)	CH44	7.70	17.00	Pass
11ax(HE20)(SU)	CH48	7.80	17.00	Pass
11ax(HE40)(SU)	CH38	2.70	17.00	Pass
11ax(HE40)(SU)	CH46	4.60	17.00	Pass
11ax(HE80)(SU)	CH42	0.70	17.00	Pass
11ax(HE160)(SU)	CH50	-3.70	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	5.30	30.00	Pass
11a	CH157	5.20	30.00	Pass
11a	CH165	5.10	30.00	Pass
11n(HT20)	CH149	5.00	30.00	Pass
11n(HT20)	CH157	4.90	30.00	Pass
11n(HT20)	CH165	4.80	30.00	Pass
11n(HT40)	CH151	1.90	30.00	Pass
11n(HT40)	CH159	1.70	30.00	Pass
11ac(VHT20)	CH149	5.00	30.00	Pass
11ac(VHT20)	CH157	4.90	30.00	Pass
11ac(VHT20)	CH165	4.80	30.00	Pass
11ac(VHT40)	CH151	1.90	30.00	Pass
11ac(VHT40)	CH159	1.70	30.00	Pass
11ac(VHT80)	CH155	-1.00	30.00	Pass
11ax(HE20)(SU)	CH149	4.80	30.00	Pass
11ax(HE20)(SU)	CH157	4.60	30.00	Pass
11ax(HE20)(SU)	CH165	4.50	30.00	Pass
11ax(HE40)(SU)	CH151	1.50	30.00	Pass
11ax(HE40)(SU)	CH159	1.30	30.00	Pass
11ax(HE80)(SU)	CH155	-1.20	30.00	Pass

A.5 Conducted Emissions

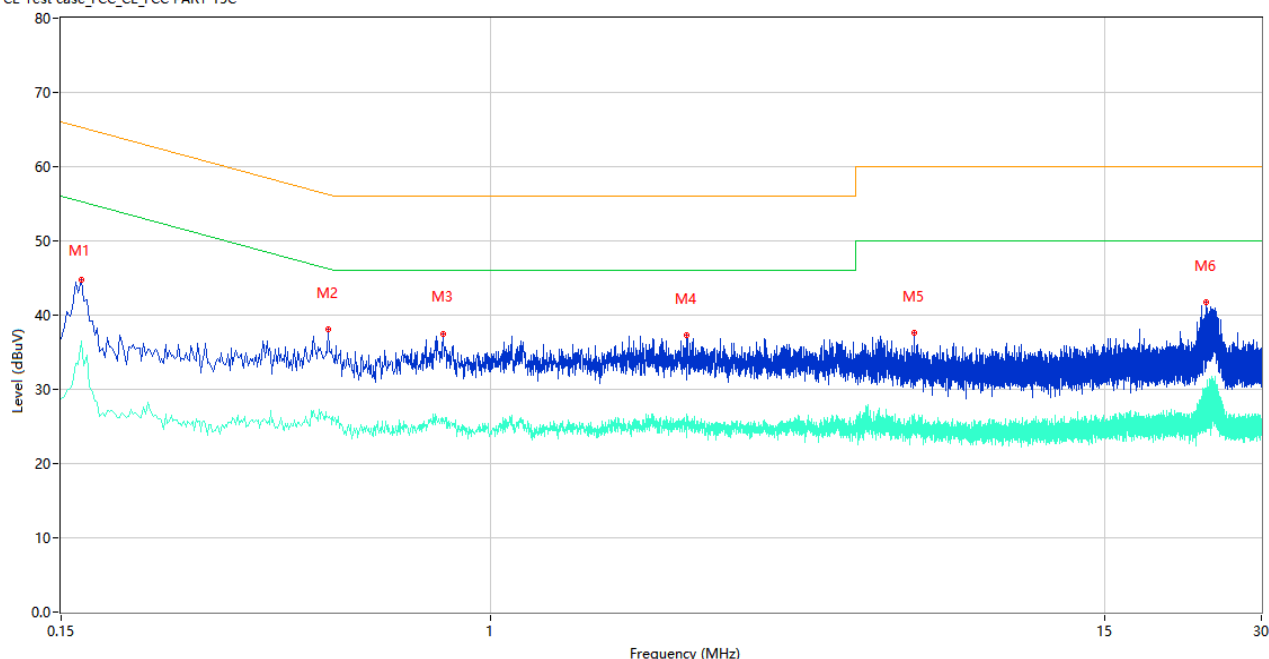
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

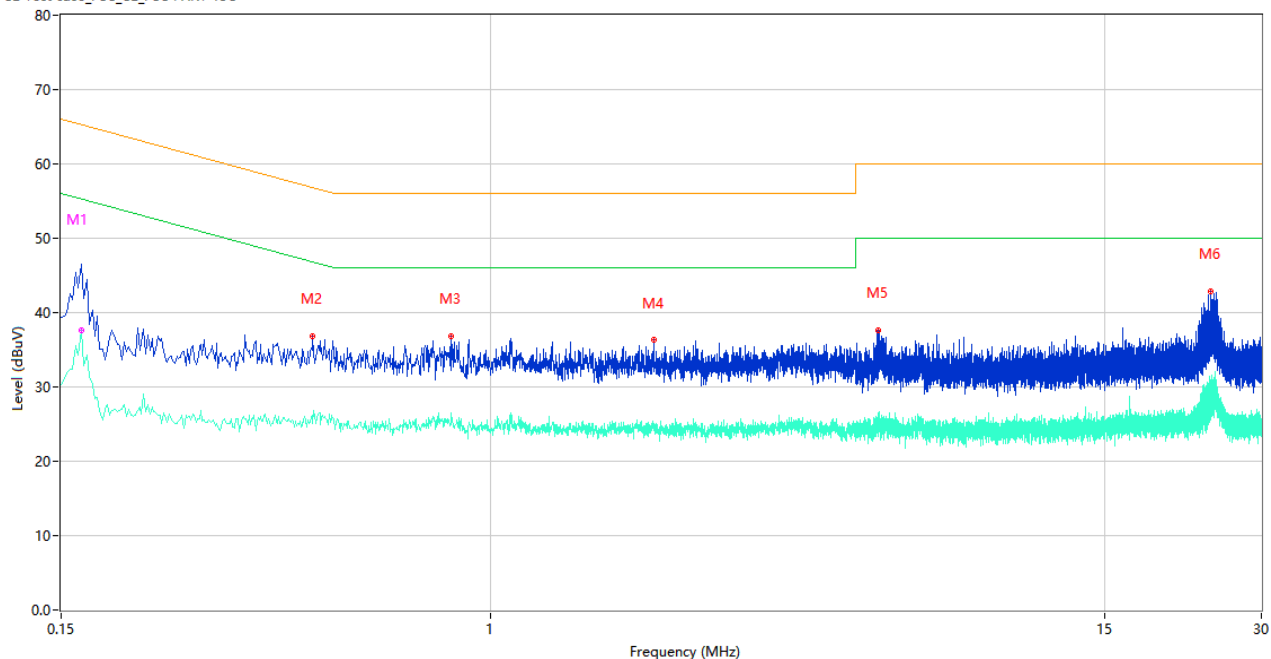
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	44.83	9.85	65.26	20.43	Peak	L	Pass
1**	0.164	36.50	9.85	55.26	18.76	AV	L	Pass
2	0.488	38.03	10.05	56.20	18.17	Peak	L	Pass
2**	0.488	26.14	10.05	46.20	20.06	AV	L	Pass
3	0.810	37.51	10.61	56.00	18.49	Peak	L	Pass
3**	0.810	25.84	10.61	46.00	20.16	AV	L	Pass
4	2.374	37.23	10.21	56.00	18.77	Peak	L	Pass
4**	2.374	26.67	10.21	46.00	19.33	AV	L	Pass
5	6.466	37.61	10.34	60.00	22.39	Peak	L	Pass
5**	6.466	25.22	10.34	50.00	24.78	AV	L	Pass
6	23.492	41.72	10.91	60.00	18.28	Peak	L	Pass
6**	23.492	25.30	10.91	50.00	24.70	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	0.164	46.56	9.85	65.26	18.70	Peak	N	Pass
1**	0.164	37.59	9.85	55.26	17.67	AV	N	Pass
2	0.456	36.89	10.08	56.77	19.88	Peak	N	Pass
2**	0.456	25.02	10.08	46.77	21.75	AV	N	Pass
3	0.840	36.83	10.67	56.00	19.17	Peak	N	Pass
3**	0.840	26.50	10.67	46.00	19.50	AV	N	Pass
4	2.052	36.28	10.49	56.00	19.72	Peak	N	Pass
4**	2.052	24.52	10.49	46.00	21.48	AV	N	Pass
5	5.532	37.69	10.54	60.00	22.31	Peak	N	Pass
5**	5.532	25.48	10.54	50.00	24.52	AV	N	Pass
6	24.038	42.87	11.00	60.00	17.13	Peak	N	Pass
6**	24.038	26.89	11.00	50.00	23.11	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.

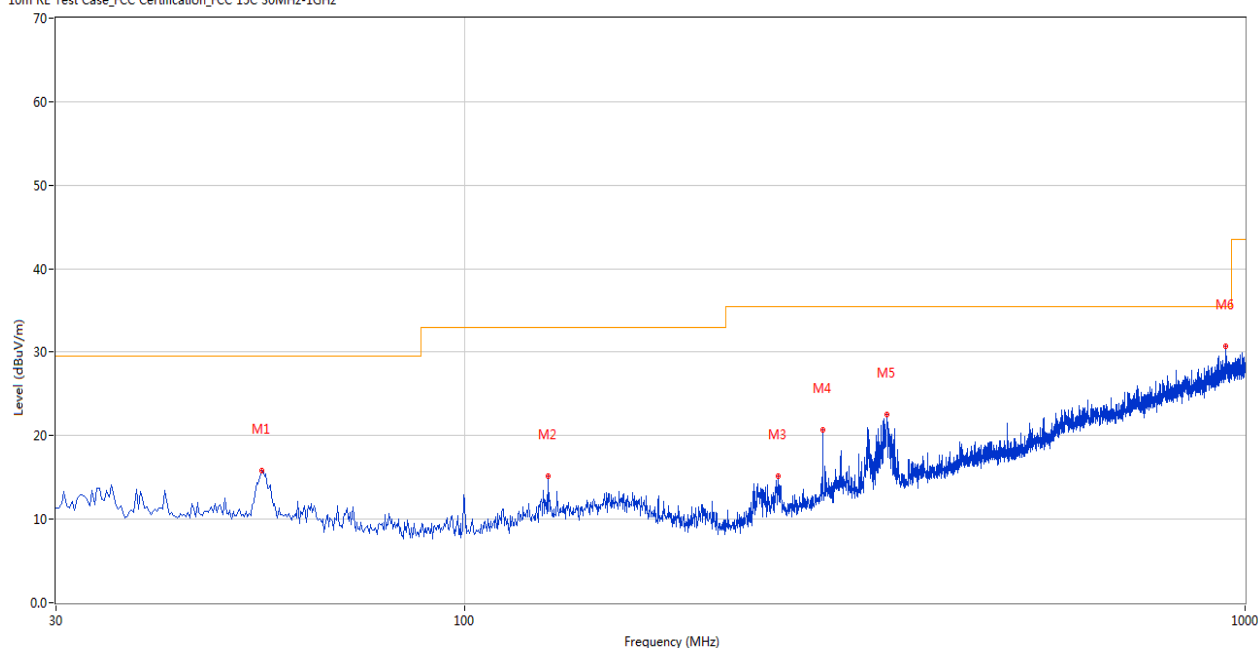
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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

30 MHz to 1 GHz, ANT H

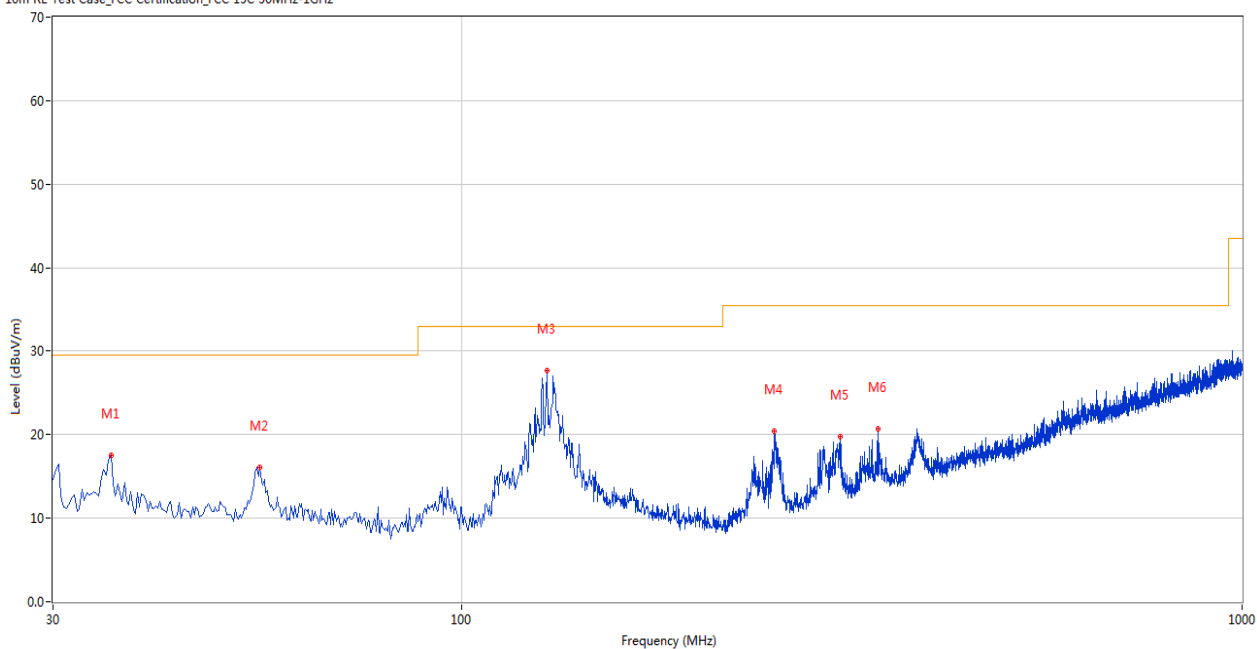
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.971	15.83	-27.15	29.5	13.67	Peak	291.00	200	Horizontal	Pass
2	127.946	15.18	-27.47	33.0	17.82	Peak	226.00	200	Horizontal	Pass
3	252.317	15.16	-27.33	35.5	20.34	Peak	360.00	200	Horizontal	Pass
4	287.956	20.76	-25.91	35.5	14.74	Peak	31.00	200	Horizontal	Pass
5	347.353	22.53	-24.33	35.5	12.97	Peak	360.00	200	Horizontal	Pass
6	944.239	30.66	-9.80	35.5	4.84	Peak	0.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.576	17.50	-27.05	29.5	12.00	Peak	19.00	100	Vertical	Pass
2	55.214	16.09	-27.15	29.5	13.41	Peak	155.00	100	Vertical	Pass
3	128.673	27.74	-27.49	33.0	5.26	Peak	215.00	100	Vertical	Pass
4	251.832	20.49	-27.31	35.5	15.01	Peak	215.00	100	Vertical	Pass
5	305.654	19.73	-25.28	35.5	15.77	Peak	68.00	100	Vertical	Pass
6	341.535	20.72	-24.47	35.5	14.78	Peak	160.00	100	Vertical	Pass

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

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

Main Antenna

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	1512.020	36.97	74.0	37.03	Peak	6.00	400	Horizontal	Pass
1**	1512.020	28.27	54.0	25.73	AV	6.00	400	Horizontal	Pass
2	2351.093	42.79	74.0	31.21	Peak	143.00	300	Horizontal	Pass
2**	2351.093	36.58	54.0	17.42	AV	143.00	300	Horizontal	Pass
3	4201.418	48.10	74.0	25.90	Peak	29.00	200	Horizontal	Pass
3**	4201.418	38.39	54.0	15.61	AV	29.00	200	Horizontal	Pass
4	7430.439	53.84	74.0	20.16	Peak	309.00	100	Horizontal	Pass
4**	7430.439	44.00	54.0	10.00	AV	309.00	100	Horizontal	Pass
5	12518.869	52.83	74.0	21.17	Peak	68.00	100	Horizontal	Pass
5**	12518.869	48.78	54.0	5.22	AV	68.00	100	Horizontal	Pass
6	16143.733	55.11	74.0	18.89	Peak	54.00	100	Horizontal	Pass
6**	16143.733	42.90	54.0	11.10	AV	54.00	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	1574.188	37.86	74.0	36.14	Peak	122.00	400	Vertical	Pass
1**	1574.188	28.03	54.0	25.97	AV	122.00	400	Vertical	Pass
2	2346.520	46.66	74.0	27.34	Peak	83.00	300	Vertical	Pass
2**	2346.520	34.21	54.0	19.79	AV	83.00	300	Vertical	Pass
3	3915.000	46.14	74.0	27.86	Peak	71.00	200	Vertical	Pass
3**	3915.000	34.64	54.0	19.36	AV	71.00	200	Vertical	Pass
4	7678.602	52.37	74.0	21.63	Peak	319.00	300	Vertical	Pass
4**	7678.602	46.46	54.0	7.54	AV	319.00	300	Vertical	Pass
5	12529.313	54.13	74.0	19.87	Peak	242.00	100	Vertical	Pass
5**	12529.313	44.15	54.0	9.85	AV	242.00	100	Vertical	Pass
6	15385.608	54.51	74.0	19.49	Peak	94.00	100	Vertical	Pass
6**	15385.608	44.84	54.0	9.16	AV	94.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.809	37.02	74.0	36.98	Peak	154.00	300	Horizontal	Pass
1**	1510.809	27.01	54.0	26.99	AV	154.00	300	Horizontal	Pass
2	2345.012	44.11	74.0	29.89	Peak	356.00	300	Horizontal	Pass
2**	2345.012	37.98	54.0	16.02	AV	356.00	300	Horizontal	Pass
3	4206.573	47.52	74.0	26.48	Peak	126.00	200	Horizontal	Pass
3**	4206.573	37.08	54.0	16.92	AV	126.00	200	Horizontal	Pass
4	7435.914	57.03	74.0	16.97	Peak	174.00	400	Horizontal	Pass
4**	7435.914	42.14	54.0	11.86	AV	174.00	400	Horizontal	Pass
5	12514.166	55.13	74.0	18.87	Peak	110.00	300	Horizontal	Pass
5**	12514.166	49.00	54.0	5.00	AV	110.00	300	Horizontal	Pass
6	16150.785	54.29	74.0	19.71	Peak	173.00	400	Horizontal	Pass
6**	16150.785	44.23	54.0	9.77	AV	173.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.484	36.13	74.0	37.87	Peak	165.00	100	Vertical	Pass
1**	1572.484	23.80	54.0	30.20	AV	165.00	100	Vertical	Pass
2	2348.910	44.67	74.0	29.33	Peak	251.00	200	Vertical	Pass
2**	2348.910	33.33	54.0	20.67	AV	251.00	200	Vertical	Pass
3	3916.638	46.72	74.0	27.28	Peak	242.00	200	Vertical	Pass
3**	3916.638	33.35	54.0	20.65	AV	242.00	200	Vertical	Pass
4	7677.176	49.53	74.0	24.47	Peak	345.00	100	Vertical	Pass
4**	7677.176	45.56	54.0	8.44	AV	345.00	100	Vertical	Pass
5	12526.025	54.06	74.0	19.94	Peak	240.00	400	Vertical	Pass
5**	12526.025	42.57	54.0	11.43	AV	240.00	400	Vertical	Pass
6	15379.776	53.17	74.0	20.83	Peak	37.00	100	Vertical	Pass
6**	15379.776	44.48	54.0	9.52	AV	37.00	100	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	1513.384	40.86	74.0	33.14	Peak	168.00	400	Horizontal	Pass
1**	1513.384	27.88	54.0	26.12	AV	168.00	400	Horizontal	Pass
2	2351.827	47.48	74.0	26.52	Peak	52.00	300	Horizontal	Pass
2**	2351.827	36.35	54.0	17.65	AV	52.00	300	Horizontal	Pass
3	4207.350	47.03	74.0	26.97	Peak	116.00	200	Horizontal	Pass
3**	4207.350	35.90	54.0	18.10	AV	116.00	200	Horizontal	Pass
4	7432.690	52.87	74.0	21.13	Peak	63.00	400	Horizontal	Pass
4**	7432.690	41.21	54.0	12.79	AV	63.00	400	Horizontal	Pass
5	12515.866	57.96	74.0	16.04	Peak	98.00	100	Horizontal	Pass
5**	12515.866	47.78	54.0	6.22	AV	98.00	100	Horizontal	Pass
6	16148.972	55.00	74.0	19.00	Peak	116.00	300	Horizontal	Pass
6**	16148.972	40.82	54.0	13.18	AV	116.00	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	1572.840	36.35	74.0	37.65	Peak	85.00	200	Vertical	Pass
1**	1572.840	26.54	54.0	27.46	AV	85.00	200	Vertical	Pass
2	2348.650	42.69	74.0	31.31	Peak	204.00	400	Vertical	Pass
2**	2348.650	35.64	54.0	18.36	AV	204.00	400	Vertical	Pass
3	3919.596	46.09	74.0	27.91	Peak	134.00	200	Vertical	Pass
3**	3919.596	35.16	54.0	18.84	AV	134.00	200	Vertical	Pass
4	7683.880	54.22	74.0	19.78	Peak	68.00	100	Vertical	Pass
4**	7683.880	41.96	54.0	12.04	AV	68.00	100	Vertical	Pass
5	12529.306	55.95	74.0	18.05	Peak	54.00	300	Vertical	Pass
5**	12529.306	45.40	54.0	8.60	AV	54.00	300	Vertical	Pass
6	15382.293	52.19	74.0	21.81	Peak	354.00	300	Vertical	Pass
6**	15382.293	42.31	54.0	11.69	AV	354.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.794	39.55	74.0	34.45	Peak	145.00	300	Horizontal	Pass
1**	1512.794	29.73	54.0	24.27	AV	145.00	300	Horizontal	Pass
2	2346.764	43.98	74.0	30.02	Peak	338.00	100	Horizontal	Pass
2**	2346.764	38.78	54.0	15.22	AV	338.00	100	Horizontal	Pass
3	4207.064	45.05	74.0	28.95	Peak	115.00	200	Horizontal	Pass
3**	4207.064	36.66	54.0	17.34	AV	115.00	200	Horizontal	Pass
4	7435.546	51.67	74.0	22.33	Peak	299.00	400	Horizontal	Pass
4**	7435.546	41.46	54.0	12.54	AV	299.00	400	Horizontal	Pass
5	12517.573	57.96	74.0	16.04	Peak	251.00	300	Horizontal	Pass
5**	12517.573	48.47	54.0	5.53	AV	251.00	300	Horizontal	Pass
6	16150.107	55.05	74.0	18.95	Peak	254.00	200	Horizontal	Pass
6**	16150.107	44.31	54.0	9.69	AV	254.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.159	34.97	74.0	39.03	Peak	314.00	400	Vertical	Pass
1**	1573.159	27.21	54.0	26.79	AV	314.00	400	Vertical	Pass
2	2344.103	42.42	74.0	31.58	Peak	300.00	300	Vertical	Pass
2**	2344.103	35.12	54.0	18.88	AV	300.00	300	Vertical	Pass
3	3918.218	45.17	74.0	28.83	Peak	142.00	200	Vertical	Pass
3**	3918.218	38.85	54.0	15.15	AV	142.00	200	Vertical	Pass
4	7678.525	53.99	74.0	20.01	Peak	198.00	100	Vertical	Pass
4**	7678.525	46.46	54.0	7.54	AV	198.00	100	Vertical	Pass
5	12528.775	57.35	74.0	16.65	Peak	145.00	400	Vertical	Pass
5**	12528.775	44.05	54.0	9.95	AV	145.00	400	Vertical	Pass
6	15386.025	53.71	74.0	20.29	Peak	152.00	400	Vertical	Pass
6**	15386.025	42.71	54.0	11.29	AV	152.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.460	40.87	74.0	33.13	Peak	345.00	200	Horizontal	Pass
1**	1511.460	31.86	54.0	22.14	AV	345.00	200	Horizontal	Pass
2	2346.609	44.64	74.0	29.36	Peak	138.00	200	Horizontal	Pass
2**	2346.609	37.48	54.0	16.52	AV	138.00	200	Horizontal	Pass
3	4202.094	46.98	74.0	27.02	Peak	235.00	200	Horizontal	Pass
3**	4202.094	35.04	54.0	18.96	AV	235.00	200	Horizontal	Pass
4	7436.233	54.62	74.0	19.38	Peak	336.00	200	Horizontal	Pass
4**	7436.233	41.71	54.0	12.29	AV	336.00	200	Horizontal	Pass
5	12520.073	58.54	74.0	15.46	Peak	162.00	300	Horizontal	Pass
5**	12520.073	44.72	54.0	9.28	AV	162.00	300	Horizontal	Pass
6	16147.036	52.61	74.0	21.39	Peak	163.00	200	Horizontal	Pass
6**	16147.036	46.56	54.0	7.44	AV	163.00	200	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	1567.589	36.43	74.0	37.57	Peak	125.00	100	Vertical	Pass
1**	1567.589	26.10	54.0	27.90	AV	125.00	100	Vertical	Pass
2	2344.666	42.25	74.0	31.75	Peak	49.00	400	Vertical	Pass
2**	2344.666	35.80	54.0	18.20	AV	49.00	400	Vertical	Pass
3	3915.188	42.64	74.0	31.36	Peak	135.00	200	Vertical	Pass
3**	3915.188	37.59	54.0	16.41	AV	135.00	200	Vertical	Pass
4	7677.043	50.05	74.0	23.95	Peak	3.00	300	Vertical	Pass
4**	7677.043	44.31	54.0	9.69	AV	3.00	300	Vertical	Pass
5	12527.046	54.93	74.0	19.07	Peak	185.00	300	Vertical	Pass
5**	12527.046	40.13	54.0	13.87	AV	185.00	300	Vertical	Pass
6	15380.139	54.53	74.0	19.47	Peak	151.00	100	Vertical	Pass
6**	15380.139	44.11	54.0	9.89	AV	151.00	100	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	1512.613	37.34	74.0	36.66	Peak	151.00	100	Horizontal	Pass
1**	1512.613	32.29	54.0	21.71	AV	151.00	100	Horizontal	Pass
2	2348.005	47.70	74.0	26.30	Peak	118.00	400	Horizontal	Pass
2**	2348.005	34.88	54.0	19.12	AV	118.00	400	Horizontal	Pass
3	4206.155	47.08	74.0	26.92	Peak	1.00	200	Horizontal	Pass
3**	4206.155	37.35	54.0	16.65	AV	1.00	200	Horizontal	Pass
4	7434.468	57.15	74.0	16.85	Peak	45.00	100	Horizontal	Pass
4**	7434.468	45.45	54.0	8.55	AV	45.00	100	Horizontal	Pass
5	12521.996	54.48	74.0	19.52	Peak	270.00	400	Horizontal	Pass
5**	12521.996	49.91	54.0	4.09	AV	270.00	400	Horizontal	Pass
6	16150.537	56.41	74.0	17.59	Peak	122.00	300	Horizontal	Pass
6**	16150.537	46.71	54.0	7.29	AV	122.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.875	34.62	74.0	39.38	Peak	314.00	300	Vertical	Pass
1**	1568.875	27.35	54.0	26.65	AV	314.00	300	Vertical	Pass
2	2346.212	46.02	74.0	27.98	Peak	74.00	200	Vertical	Pass
2**	2346.212	32.42	54.0	21.58	AV	74.00	200	Vertical	Pass
3	3918.669	45.32	74.0	28.68	Peak	159.00	200	Vertical	Pass
3**	3918.669	33.36	54.0	20.64	AV	159.00	200	Vertical	Pass
4	7678.449	49.95	74.0	24.05	Peak	107.00	300	Vertical	Pass
4**	7678.449	42.82	54.0	11.18	AV	107.00	300	Vertical	Pass
5	12527.543	53.63	74.0	20.37	Peak	255.00	100	Vertical	Pass
5**	12527.543	45.14	54.0	8.86	AV	255.00	100	Vertical	Pass
6	15385.938	50.76	74.0	23.24	Peak	315.00	200	Vertical	Pass
6**	15385.938	42.55	54.0	11.45	AV	315.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.291	39.45	74.0	34.55	Peak	84.00	400	Horizontal	Pass
1**	1508.291	26.84	54.0	27.16	AV	84.00	400	Horizontal	Pass
2	2351.768	45.62	74.0	28.38	Peak	140.00	400	Horizontal	Pass
2**	2351.768	39.20	54.0	14.80	AV	140.00	400	Horizontal	Pass
3	4204.923	47.25	74.0	26.75	Peak	27.00	200	Horizontal	Pass
3**	4204.923	38.69	54.0	15.31	AV	27.00	200	Horizontal	Pass
4	7431.244	56.15	74.0	17.85	Peak	64.00	200	Horizontal	Pass
4**	7431.244	45.35	54.0	8.65	AV	64.00	200	Horizontal	Pass
5	12519.346	57.04	74.0	16.96	Peak	103.00	200	Horizontal	Pass
5**	12519.346	47.87	54.0	6.13	AV	103.00	200	Horizontal	Pass
6	16150.735	53.01	74.0	20.99	Peak	326.00	100	Horizontal	Pass
6**	16150.735	41.61	54.0	12.39	AV	326.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.968	38.26	74.0	35.74	Peak	207.00	100	Vertical	Pass
1**	1573.968	29.29	54.0	24.71	AV	207.00	100	Vertical	Pass
2	2348.834	43.98	74.0	30.02	Peak	176.00	100	Vertical	Pass
2**	2348.834	35.75	54.0	18.25	AV	176.00	100	Vertical	Pass
3	3916.688	43.70	74.0	30.30	Peak	304.00	200	Vertical	Pass
3**	3916.688	36.30	54.0	17.70	AV	304.00	200	Vertical	Pass
4	7678.951	51.28	74.0	22.72	Peak	263.00	200	Vertical	Pass
4**	7678.951	43.28	54.0	10.72	AV	263.00	200	Vertical	Pass
5	12532.110	54.50	74.0	19.50	Peak	90.00	100	Vertical	Pass
5**	12532.110	40.05	54.0	13.95	AV	90.00	100	Vertical	Pass
6	15379.818	55.25	74.0	18.75	Peak	277.00	100	Vertical	Pass
6**	15379.818	43.96	54.0	10.04	AV	277.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.341	36.68	74.0	37.32	Peak	64.00	400	Horizontal	Pass
1**	1508.341	30.48	54.0	23.52	AV	64.00	400	Horizontal	Pass
2	2347.823	43.94	74.0	30.06	Peak	184.00	400	Horizontal	Pass
2**	2347.823	38.39	54.0	15.61	AV	184.00	400	Horizontal	Pass
3	4202.024	49.67	74.0	24.33	Peak	193.00	200	Horizontal	Pass
3**	4202.024	37.46	54.0	16.54	AV	193.00	200	Horizontal	Pass
4	7437.086	56.11	74.0	17.89	Peak	52.00	300	Horizontal	Pass
4**	7437.086	43.40	54.0	10.60	AV	52.00	300	Horizontal	Pass
5	12517.749	57.97	74.0	16.03	Peak	1.00	100	Horizontal	Pass
5**	12517.749	46.23	54.0	7.77	AV	1.00	100	Horizontal	Pass
6	16145.907	54.60	74.0	19.40	Peak	144.00	100	Horizontal	Pass
6**	16145.907	41.22	54.0	12.78	AV	144.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.004	36.51	74.0	37.49	Peak	4.00	100	Vertical	Pass
1**	1568.004	24.44	54.0	29.56	AV	4.00	100	Vertical	Pass
2	2346.322	42.57	74.0	31.43	Peak	277.00	400	Vertical	Pass
2**	2346.322	33.16	54.0	20.84	AV	277.00	400	Vertical	Pass
3	3920.587	42.17	74.0	31.83	Peak	203.00	200	Vertical	Pass
3**	3920.587	37.29	54.0	16.71	AV	203.00	200	Vertical	Pass
4	7680.967	49.70	74.0	24.30	Peak	104.00	400	Vertical	Pass
4**	7680.967	45.99	54.0	8.01	AV	104.00	400	Vertical	Pass
5	12527.801	55.78	74.0	18.22	Peak	123.00	200	Vertical	Pass
5**	12527.801	43.57	54.0	10.43	AV	123.00	200	Vertical	Pass
6	15379.830	51.66	74.0	22.34	Peak	193.00	100	Vertical	Pass
6**	15379.830	46.24	54.0	7.76	AV	193.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.653	37.01	74.0	36.99	Peak	24.00	200	Horizontal	Pass
1**	1509.653	31.62	54.0	22.38	AV	24.00	200	Horizontal	Pass
2	2349.076	44.83	74.0	29.17	Peak	279.00	400	Horizontal	Pass
2**	2349.076	38.15	54.0	15.85	AV	279.00	400	Horizontal	Pass
3	4208.260	47.31	74.0	26.69	Peak	358.00	200	Horizontal	Pass
3**	4208.260	40.46	54.0	13.54	AV	358.00	200	Horizontal	Pass
4	7433.962	51.41	74.0	22.59	Peak	159.00	100	Horizontal	Pass
4**	7433.962	41.87	54.0	12.13	AV	159.00	100	Horizontal	Pass
5	12521.923	57.49	74.0	16.51	Peak	206.00	400	Horizontal	Pass
5**	12521.923	47.94	54.0	6.06	AV	206.00	400	Horizontal	Pass
6	16145.175	56.48	74.0	17.52	Peak	313.00	400	Horizontal	Pass
6**	16145.175	41.97	54.0	12.03	AV	313.00	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	1573.408	39.21	74.0	34.79	Peak	339.00	100	Vertical	Pass
1**	1573.408	28.72	54.0	25.28	AV	339.00	100	Vertical	Pass
2	2348.559	42.87	74.0	31.13	Peak	132.00	100	Vertical	Pass
2**	2348.559	34.35	54.0	19.65	AV	132.00	100	Vertical	Pass
3	3916.844	46.54	74.0	27.46	Peak	238.00	200	Vertical	Pass
3**	3916.844	34.75	54.0	19.25	AV	238.00	200	Vertical	Pass
4	7680.225	53.79	74.0	20.21	Peak	52.00	100	Vertical	Pass
4**	7680.225	42.49	54.0	11.51	AV	52.00	100	Vertical	Pass
5	12529.946	54.12	74.0	19.88	Peak	337.00	300	Vertical	Pass
5**	12529.946	40.93	54.0	13.07	AV	337.00	300	Vertical	Pass
6	15383.937	50.52	74.0	23.48	Peak	181.00	100	Vertical	Pass
6**	15383.937	45.79	54.0	8.21	AV	181.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.016	39.05	74.0	34.95	Peak	344.00	400	Horizontal	Pass
1**	1508.016	29.38	54.0	24.62	AV	344.00	400	Horizontal	Pass
2	2349.077	42.46	74.0	31.54	Peak	229.00	200	Horizontal	Pass
2**	2349.077	35.85	54.0	18.15	AV	229.00	200	Horizontal	Pass
3	4207.688	49.13	74.0	24.87	Peak	14.00	200	Horizontal	Pass
3**	4207.688	36.69	54.0	17.31	AV	14.00	200	Horizontal	Pass
4	7437.084	53.94	74.0	20.06	Peak	281.00	100	Horizontal	Pass
4**	7437.084	43.26	54.0	10.74	AV	281.00	100	Horizontal	Pass
5	12520.039	53.18	74.0	20.82	Peak	224.00	300	Horizontal	Pass
5**	12520.039	49.87	54.0	4.13	AV	224.00	300	Horizontal	Pass
6	16144.242	53.58	74.0	20.42	Peak	170.00	100	Horizontal	Pass
6**	16144.242	43.40	54.0	10.60	AV	170.00	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	1571.226	37.50	74.0	36.50	Peak	279.00	400	Vertical	Pass
1**	1571.226	26.14	54.0	27.86	AV	279.00	400	Vertical	Pass
2	2345.866	46.38	74.0	27.62	Peak	175.00	300	Vertical	Pass
2**	2345.866	32.81	54.0	21.19	AV	175.00	300	Vertical	Pass
3	3920.669	41.86	74.0	32.14	Peak	67.00	200	Vertical	Pass
3**	3920.669	34.77	54.0	19.23	AV	67.00	200	Vertical	Pass
4	7681.971	50.20	74.0	23.80	Peak	338.00	200	Vertical	Pass
4**	7681.971	42.58	54.0	11.42	AV	338.00	200	Vertical	Pass
5	12533.377	53.62	74.0	20.38	Peak	142.00	400	Vertical	Pass
5**	12533.377	44.50	54.0	9.50	AV	142.00	400	Vertical	Pass
6	15386.006	53.34	74.0	20.66	Peak	168.00	300	Vertical	Pass
6**	15386.006	45.04	54.0	8.96	AV	168.00	300	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	1514.792	41.44	74.0	32.56	Peak	115.00	300	Horizontal	Pass
1**	1514.792	28.46	54.0	25.54	AV	115.00	300	Horizontal	Pass
2	2350.560	44.28	74.0	29.72	Peak	269.00	100	Horizontal	Pass
2**	2350.560	38.13	54.0	15.87	AV	269.00	100	Horizontal	Pass
3	4202.743	47.81	74.0	26.19	Peak	334.00	200	Horizontal	Pass
3**	4202.743	36.01	54.0	17.99	AV	334.00	200	Horizontal	Pass
4	7432.254	55.47	74.0	18.53	Peak	25.00	200	Horizontal	Pass
4**	7432.254	41.51	54.0	12.49	AV	25.00	200	Horizontal	Pass
5	12517.001	56.79	74.0	17.21	Peak	265.00	300	Horizontal	Pass
5**	12517.001	46.04	54.0	7.96	AV	265.00	300	Horizontal	Pass
6	16147.090	52.55	74.0	21.45	Peak	95.00	200	Horizontal	Pass
6**	16147.090	43.69	54.0	10.31	AV	95.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.914	37.05	74.0	36.95	Peak	316.00	300	Vertical	Pass
1**	1566.914	27.84	54.0	26.16	AV	316.00	300	Vertical	Pass
2	2344.926	42.81	74.0	31.19	Peak	219.00	200	Vertical	Pass
2**	2344.926	31.79	54.0	22.21	AV	219.00	200	Vertical	Pass
3	3913.265	43.67	74.0	30.33	Peak	59.00	200	Vertical	Pass
3**	3913.265	35.60	54.0	18.40	AV	59.00	200	Vertical	Pass
4	7683.070	49.71	74.0	24.29	Peak	103.00	300	Vertical	Pass
4**	7683.070	46.97	54.0	7.03	AV	103.00	300	Vertical	Pass
5	12527.896	58.48	74.0	15.52	Peak	173.00	100	Vertical	Pass
5**	12527.896	42.58	54.0	11.42	AV	173.00	100	Vertical	Pass
6	15385.950	54.27	74.0	19.73	Peak	247.00	100	Vertical	Pass
6**	15385.950	46.53	54.0	7.47	AV	247.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.179	39.24	74.0	34.76	Peak	128.00	100	Horizontal	Pass
1**	1515.179	29.15	54.0	24.85	AV	128.00	100	Horizontal	Pass
2	2346.134	47.11	74.0	26.89	Peak	20.00	300	Horizontal	Pass
2**	2346.134	39.53	54.0	14.47	AV	20.00	300	Horizontal	Pass
3	4206.343	48.95	74.0	25.05	Peak	224.00	200	Horizontal	Pass
3**	4206.343	34.84	54.0	19.16	AV	224.00	200	Horizontal	Pass
4	7437.738	51.63	74.0	22.37	Peak	111.00	100	Horizontal	Pass
4**	7437.738	42.03	54.0	11.97	AV	111.00	100	Horizontal	Pass
5	12517.033	52.96	74.0	21.04	Peak	356.00	200	Horizontal	Pass
5**	12517.033	49.99	54.0	4.01	AV	356.00	200	Horizontal	Pass
6	16144.739	56.54	74.0	17.46	Peak	8.00	100	Horizontal	Pass
6**	16144.739	45.33	54.0	8.67	AV	8.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.377	35.47	74.0	38.53	Peak	159.00	300	Vertical	Pass
1**	1570.377	28.29	54.0	25.71	AV	159.00	300	Vertical	Pass
2	2343.375	42.60	74.0	31.40	Peak	144.00	200	Vertical	Pass
2**	2343.375	33.78	54.0	20.22	AV	144.00	200	Vertical	Pass
3	3915.780	45.62	74.0	28.38	Peak	287.00	200	Vertical	Pass
3**	3915.780	38.79	54.0	15.21	AV	287.00	200	Vertical	Pass
4	7679.030	54.71	74.0	19.29	Peak	172.00	200	Vertical	Pass
4**	7679.030	41.01	54.0	12.99	AV	172.00	200	Vertical	Pass
5	12530.048	56.87	74.0	17.13	Peak	220.00	400	Vertical	Pass
5**	12530.048	42.90	54.0	11.10	AV	220.00	400	Vertical	Pass
6	15381.935	53.88	74.0	20.12	Peak	143.00	200	Vertical	Pass
6**	15381.935	46.22	54.0	7.78	AV	143.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.008	38.58	74.0	35.42	Peak	148.00	200	Horizontal	Pass
1**	1511.008	31.19	54.0	22.81	AV	148.00	200	Horizontal	Pass
2	2351.023	46.24	74.0	27.76	Peak	351.00	400	Horizontal	Pass
2**	2351.023	36.46	54.0	17.54	AV	351.00	400	Horizontal	Pass
3	4203.982	47.84	74.0	26.16	Peak	211.00	200	Horizontal	Pass
3**	4203.982	39.12	54.0	14.88	AV	211.00	200	Horizontal	Pass
4	7434.787	56.79	74.0	17.21	Peak	38.00	100	Horizontal	Pass
4**	7434.787	41.70	54.0	12.30	AV	38.00	100	Horizontal	Pass
5	12520.805	53.15	74.0	20.85	Peak	121.00	100	Horizontal	Pass
5**	12520.805	49.51	54.0	4.49	AV	121.00	100	Horizontal	Pass
6	16144.654	53.75	74.0	20.25	Peak	311.00	300	Horizontal	Pass
6**	16144.654	41.63	54.0	12.37	AV	311.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.623	33.89	74.0	40.11	Peak	248.00	400	Vertical	Pass
1**	1570.623	26.21	54.0	27.79	AV	248.00	400	Vertical	Pass
2	2348.637	46.60	74.0	27.40	Peak	4.00	400	Vertical	Pass
2**	2348.637	31.08	54.0	22.92	AV	4.00	400	Vertical	Pass
3	3915.197	42.14	74.0	31.86	Peak	213.00	200	Vertical	Pass
3**	3915.197	39.09	54.0	14.91	AV	213.00	200	Vertical	Pass
4	7679.952	52.51	74.0	21.49	Peak	241.00	400	Vertical	Pass
4**	7679.952	45.29	54.0	8.71	AV	241.00	400	Vertical	Pass
5	12528.284	58.32	74.0	15.68	Peak	210.00	400	Vertical	Pass
5**	12528.284	43.37	54.0	10.63	AV	210.00	400	Vertical	Pass
6	15386.174	55.79	74.0	18.21	Peak	192.00	200	Vertical	Pass
6**	15386.174	45.39	54.0	8.61	AV	192.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.487	37.08	74.0	36.92	Peak	124.00	400	Horizontal	Pass
1**	1515.487	27.68	54.0	26.32	AV	124.00	400	Horizontal	Pass
2	2350.487	44.65	74.0	29.35	Peak	60.00	400	Horizontal	Pass
2**	2350.487	35.17	54.0	18.83	AV	60.00	400	Horizontal	Pass
3	4204.046	45.26	74.0	28.74	Peak	316.00	200	Horizontal	Pass
3**	4204.046	39.02	54.0	14.98	AV	316.00	200	Horizontal	Pass
4	7431.339	55.43	74.0	18.57	Peak	349.00	100	Horizontal	Pass
4**	7431.339	43.94	54.0	10.06	AV	349.00	100	Horizontal	Pass
5	12521.060	54.05	74.0	19.95	Peak	97.00	300	Horizontal	Pass
5**	12521.060	45.60	54.0	8.40	AV	97.00	300	Horizontal	Pass
6	16149.901	54.80	74.0	19.20	Peak	272.00	100	Horizontal	Pass
6**	16149.901	43.36	54.0	10.64	AV	272.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.877	36.46	74.0	37.54	Peak	225.00	100	Vertical	Pass
1**	1573.877	25.18	54.0	28.82	AV	225.00	100	Vertical	Pass
2	2344.707	45.38	74.0	28.62	Peak	263.00	100	Vertical	Pass
2**	2344.707	30.93	54.0	23.07	AV	263.00	100	Vertical	Pass
3	3918.318	45.94	74.0	28.06	Peak	105.00	200	Vertical	Pass
3**	3918.318	38.74	54.0	15.26	AV	105.00	200	Vertical	Pass
4	7681.081	55.09	74.0	18.91	Peak	233.00	100	Vertical	Pass
4**	7681.081	42.18	54.0	11.82	AV	233.00	100	Vertical	Pass
5	12530.822	54.81	74.0	19.19	Peak	68.00	300	Vertical	Pass
5**	12530.822	40.86	54.0	13.14	AV	68.00	300	Vertical	Pass
6	15379.831	52.98	74.0	21.02	Peak	72.00	300	Vertical	Pass
6**	15379.831	44.76	54.0	9.24	AV	72.00	300	Vertical	Pass

11ac160, 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	1511.538	39.34	74.0	34.66	Peak	269.00	200	Horizontal	Pass
1**	1511.538	28.35	54.0	25.65	AV	269.00	200	Horizontal	Pass
2	2350.105	46.61	74.0	27.39	Peak	117.00	200	Horizontal	Pass
2**	2350.105	36.07	54.0	17.93	AV	117.00	200	Horizontal	Pass
3	4203.695	47.42	74.0	26.58	Peak	253.00	200	Horizontal	Pass
3**	4203.695	35.74	54.0	18.26	AV	253.00	200	Horizontal	Pass
4	7433.779	55.38	74.0	18.62	Peak	79.00	300	Horizontal	Pass
4**	7433.779	44.72	54.0	9.28	AV	79.00	300	Horizontal	Pass
5	12517.095	57.67	74.0	16.33	Peak	6.00	300	Horizontal	Pass
5**	12517.095	45.80	54.0	8.20	AV	6.00	300	Horizontal	Pass
6	16147.022	55.35	74.0	18.65	Peak	113.00	300	Horizontal	Pass
6**	16147.022	42.55	54.0	11.45	AV	113.00	300	Horizontal	Pass

11ac160, 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	1573.853	35.21	74.0	38.79	Peak	53.00	400	Vertical	Pass
1**	1573.853	28.63	54.0	25.37	AV	53.00	400	Vertical	Pass
2	2346.633	47.58	74.0	26.42	Peak	162.00	200	Vertical	Pass
2**	2346.633	30.56	54.0	23.44	AV	162.00	200	Vertical	Pass
3	3919.562	43.59	74.0	30.41	Peak	143.00	200	Vertical	Pass
3**	3919.562	33.86	54.0	20.14	AV	143.00	200	Vertical	Pass
4	7677.184	53.45	74.0	20.55	Peak	276.00	100	Vertical	Pass
4**	7677.184	42.77	54.0	11.23	AV	276.00	100	Vertical	Pass
5	12529.333	54.23	74.0	19.77	Peak	44.00	100	Vertical	Pass
5**	12529.333	41.03	54.0	12.97	AV	44.00	100	Vertical	Pass
6	15379.475	54.45	74.0	19.55	Peak	168.00	200	Vertical	Pass
6**	15379.475	43.30	54.0	10.70	AV	168.00	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	1510.724	42.34	74.0	31.66	Peak	66.00	300	Horizontal	Pass
1**	1510.724	31.49	54.0	22.51	AV	66.00	300	Horizontal	Pass
2	2347.554	43.22	74.0	30.78	Peak	85.00	300	Horizontal	Pass
2**	2347.554	35.02	54.0	18.98	AV	85.00	300	Horizontal	Pass
3	4208.012	48.13	74.0	25.87	Peak	200.00	200	Horizontal	Pass
3**	4208.012	38.56	54.0	15.44	AV	200.00	200	Horizontal	Pass
4	7436.350	55.91	74.0	18.09	Peak	281.00	100	Horizontal	Pass
4**	7436.350	45.56	54.0	8.44	AV	281.00	100	Horizontal	Pass
5	12520.816	54.83	74.0	19.17	Peak	333.00	400	Horizontal	Pass
5**	12520.816	49.07	54.0	4.93	AV	333.00	400	Horizontal	Pass
6	16147.211	56.48	74.0	17.52	Peak	100.00	200	Horizontal	Pass
6**	16147.211	42.28	54.0	11.72	AV	100.00	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	1572.717	38.35	74.0	35.65	Peak	244.00	300	Vertical	Pass
1**	1572.717	28.77	54.0	25.23	AV	244.00	300	Vertical	Pass
2	2349.218	42.08	74.0	31.92	Peak	15.00	300	Vertical	Pass
2**	2349.218	32.87	54.0	21.13	AV	15.00	300	Vertical	Pass
3	3915.963	41.80	74.0	32.20	Peak	220.00	200	Vertical	Pass
3**	3915.963	38.92	54.0	15.08	AV	220.00	200	Vertical	Pass
4	7679.457	52.40	74.0	21.60	Peak	63.00	100	Vertical	Pass
4**	7679.457	43.78	54.0	10.22	AV	63.00	100	Vertical	Pass
5	12528.524	56.59	74.0	17.41	Peak	104.00	400	Vertical	Pass
5**	12528.524	41.61	54.0	12.39	AV	104.00	400	Vertical	Pass
6	15384.737	53.92	74.0	20.08	Peak	318.00	400	Vertical	Pass
6**	15384.737	44.60	54.0	9.40	AV	318.00	400	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	1509.216	36.85	74.0	37.15	Peak	254.00	300	Horizontal	Pass
1**	1509.216	31.80	54.0	22.20	AV	254.00	300	Horizontal	Pass
2	2348.827	47.29	74.0	26.71	Peak	160.00	200	Horizontal	Pass
2**	2348.827	40.32	54.0	13.68	AV	160.00	200	Horizontal	Pass
3	4208.553	44.83	74.0	29.17	Peak	284.00	200	Horizontal	Pass
3**	4208.553	40.60	54.0	13.40	AV	284.00	200	Horizontal	Pass
4	7432.716	53.16	74.0	20.84	Peak	317.00	100	Horizontal	Pass
4**	7432.716	42.47	54.0	11.53	AV	317.00	100	Horizontal	Pass
5	12517.844	58.22	74.0	15.78	Peak	258.00	300	Horizontal	Pass
5**	12517.844	46.45	54.0	7.55	AV	258.00	300	Horizontal	Pass
6	16147.747	53.26	74.0	20.74	Peak	130.00	100	Horizontal	Pass
6**	16147.747	46.54	54.0	7.46	AV	130.00	100	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	1568.088	38.85	74.0	35.15	Peak	249.00	400	Vertical	Pass
1**	1568.088	24.85	54.0	29.15	AV	249.00	400	Vertical	Pass
2	2346.215	45.92	74.0	28.08	Peak	356.00	400	Vertical	Pass
2**	2346.215	33.11	54.0	20.89	AV	356.00	400	Vertical	Pass
3	3914.475	44.69	74.0	29.31	Peak	18.00	200	Vertical	Pass
3**	3914.475	36.09	54.0	17.91	AV	18.00	200	Vertical	Pass
4	7679.891	49.43	74.0	24.57	Peak	103.00	200	Vertical	Pass
4**	7679.891	43.61	54.0	10.39	AV	103.00	200	Vertical	Pass
5	12526.304	54.46	74.0	19.54	Peak	278.00	300	Vertical	Pass
5**	12526.304	44.57	54.0	9.43	AV	278.00	300	Vertical	Pass
6	15382.883	53.24	74.0	20.76	Peak	107.00	400	Vertical	Pass
6**	15382.883	47.28	54.0	6.72	AV	107.00	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	1511.875	40.23	74.0	33.77	Peak	220.00	100	Horizontal	Pass
1**	1511.875	32.03	54.0	21.97	AV	220.00	100	Horizontal	Pass
2	2345.397	46.49	74.0	27.51	Peak	269.00	200	Horizontal	Pass
2**	2345.397	35.88	54.0	18.12	AV	269.00	200	Horizontal	Pass
3	4207.756	47.21	74.0	26.79	Peak	195.00	200	Horizontal	Pass
3**	4207.756	39.68	54.0	14.32	AV	195.00	200	Horizontal	Pass
4	7437.322	53.34	74.0	20.66	Peak	240.00	400	Horizontal	Pass
4**	7437.322	42.72	54.0	11.28	AV	240.00	400	Horizontal	Pass
5	12514.626	56.70	74.0	17.30	Peak	14.00	200	Horizontal	Pass
5**	12514.626	46.17	54.0	7.83	AV	14.00	200	Horizontal	Pass
6	16151.019	55.56	74.0	18.44	Peak	232.00	200	Horizontal	Pass
6**	16151.019	46.40	54.0	7.60	AV	232.00	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	1569.412	36.95	74.0	37.05	Peak	288.00	200	Vertical	Pass
1**	1569.412	25.87	54.0	28.13	AV	288.00	200	Vertical	Pass
2	2350.611	47.19	74.0	26.81	Peak	85.00	200	Vertical	Pass
2**	2350.611	31.96	54.0	22.04	AV	85.00	200	Vertical	Pass
3	3917.539	44.15	74.0	29.85	Peak	315.00	200	Vertical	Pass
3**	3917.539	34.81	54.0	19.19	AV	315.00	200	Vertical	Pass
4	7679.023	54.51	74.0	19.49	Peak	257.00	200	Vertical	Pass
4**	7679.023	43.46	54.0	10.54	AV	257.00	200	Vertical	Pass
5	12532.427	57.06	74.0	16.94	Peak	352.00	200	Vertical	Pass
5**	12532.427	41.76	54.0	12.24	AV	352.00	200	Vertical	Pass
6	15383.892	50.66	74.0	23.34	Peak	156.00	300	Vertical	Pass
6**	15383.892	47.35	54.0	6.65	AV	156.00	300	Vertical	Pass

11ax40(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	1511.419	40.97	74.0	33.03	Peak	114.00	100	Horizontal	Pass
1**	1511.419	27.79	54.0	26.21	AV	114.00	100	Horizontal	Pass
2	2346.674	44.27	74.0	29.73	Peak	156.00	300	Horizontal	Pass
2**	2346.674	34.53	54.0	19.47	AV	156.00	300	Horizontal	Pass
3	4201.875	45.98	74.0	28.02	Peak	57.00	200	Horizontal	Pass
3**	4201.875	36.28	54.0	17.72	AV	57.00	200	Horizontal	Pass
4	7430.964	55.94	74.0	18.06	Peak	205.00	300	Horizontal	Pass
4**	7430.964	44.33	54.0	9.67	AV	205.00	300	Horizontal	Pass
5	12515.212	52.87	74.0	21.13	Peak	230.00	300	Horizontal	Pass
5**	12515.212	45.00	54.0	9.00	AV	230.00	300	Horizontal	Pass
6	16144.907	57.05	74.0	16.95	Peak	166.00	200	Horizontal	Pass
6**	16144.907	45.38	54.0	8.62	AV	166.00	200	Horizontal	Pass

11ax40(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	1573.146	38.72	74.0	35.28	Peak	200.00	400	Vertical	Pass
1**	1573.146	29.68	54.0	24.32	AV	200.00	400	Vertical	Pass
2	2343.730	47.71	74.0	26.29	Peak	182.00	100	Vertical	Pass
2**	2343.730	30.55	54.0	23.45	AV	182.00	100	Vertical	Pass
3	3920.475	46.95	74.0	27.05	Peak	231.00	200	Vertical	Pass
3**	3920.475	38.48	54.0	15.52	AV	231.00	200	Vertical	Pass
4	7679.024	52.39	74.0	21.61	Peak	239.00	400	Vertical	Pass
4**	7679.024	45.72	54.0	8.28	AV	239.00	400	Vertical	Pass
5	12531.267	57.08	74.0	16.92	Peak	18.00	400	Vertical	Pass
5**	12531.267	45.00	54.0	9.00	AV	18.00	400	Vertical	Pass
6	15382.625	53.32	74.0	20.68	Peak	341.00	100	Vertical	Pass
6**	15382.625	43.20	54.0	10.80	AV	341.00	100	Vertical	Pass

11ax40(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	1508.816	37.39	74.0	36.61	Peak	77.00	400	Horizontal	Pass
1**	1508.816	26.93	54.0	27.07	AV	77.00	400	Horizontal	Pass
2	2349.527	43.31	74.0	30.69	Peak	53.00	100	Horizontal	Pass
2**	2349.527	40.16	54.0	13.84	AV	53.00	100	Horizontal	Pass
3	4208.709	45.93	74.0	28.07	Peak	329.00	200	Horizontal	Pass
3**	4208.709	37.98	54.0	16.02	AV	329.00	200	Horizontal	Pass
4	7430.750	51.52	74.0	22.48	Peak	295.00	100	Horizontal	Pass
4**	7430.750	42.69	54.0	11.31	AV	295.00	100	Horizontal	Pass
5	12519.092	55.15	74.0	18.85	Peak	45.00	100	Horizontal	Pass
5**	12519.092	48.60	54.0	5.40	AV	45.00	100	Horizontal	Pass
6	16148.716	55.15	74.0	18.85	Peak	160.00	400	Horizontal	Pass
6**	16148.716	45.11	54.0	8.89	AV	160.00	400	Horizontal	Pass

11ax40(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	1567.797	33.95	74.0	40.05	Peak	6.00	300	Vertical	Pass
1**	1567.797	24.22	54.0	29.78	AV	6.00	300	Vertical	Pass
2	2347.867	43.41	74.0	30.59	Peak	75.00	300	Vertical	Pass
2**	2347.867	31.18	54.0	22.82	AV	75.00	300	Vertical	Pass
3	3914.079	46.29	74.0	27.71	Peak	322.00	200	Vertical	Pass
3**	3914.079	36.93	54.0	17.07	AV	322.00	200	Vertical	Pass
4	7678.772	54.06	74.0	19.94	Peak	223.00	300	Vertical	Pass
4**	7678.772	46.12	54.0	7.88	AV	223.00	300	Vertical	Pass
5	12528.997	54.56	74.0	19.44	Peak	41.00	200	Vertical	Pass
5**	12528.997	44.49	54.0	9.51	AV	41.00	200	Vertical	Pass
6	15381.995	51.52	74.0	22.48	Peak	163.00	400	Vertical	Pass
6**	15381.995	42.57	54.0	11.43	AV	163.00	400	Vertical	Pass

11ax80(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	1509.143	37.27	74.0	36.73	Peak	323.00	200	Horizontal	Pass
1**	1509.143	28.17	54.0	25.83	AV	323.00	200	Horizontal	Pass
2	2350.295	43.34	74.0	30.66	Peak	208.00	400	Horizontal	Pass
2**	2350.295	37.13	54.0	16.87	AV	208.00	400	Horizontal	Pass
3	4205.688	48.81	74.0	25.19	Peak	221.00	200	Horizontal	Pass
3**	4205.688	36.81	54.0	17.19	AV	221.00	200	Horizontal	Pass
4	7431.572	56.33	74.0	17.67	Peak	152.00	300	Horizontal	Pass
4**	7431.572	39.86	54.0	14.14	AV	152.00	300	Horizontal	Pass
5	12517.063	58.13	74.0	15.87	Peak	332.00	300	Horizontal	Pass
5**	12517.063	46.72	54.0	7.28	AV	332.00	300	Horizontal	Pass
6	16143.400	51.55	74.0	22.45	Peak	298.00	100	Horizontal	Pass
6**	16143.400	46.18	54.0	7.82	AV	298.00	100	Horizontal	Pass

11ax80(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	1574.172	37.63	74.0	36.37	Peak	155.00	200	Vertical	Pass
1**	1574.172	29.26	54.0	24.74	AV	155.00	200	Vertical	Pass
2	2348.209	46.84	74.0	27.16	Peak	192.00	100	Vertical	Pass
2**	2348.209	32.65	54.0	21.35	AV	192.00	100	Vertical	Pass
3	3915.185	46.93	74.0	27.07	Peak	294.00	200	Vertical	Pass
3**	3915.185	38.64	54.0	15.36	AV	294.00	200	Vertical	Pass
4	7684.111	53.60	74.0	20.40	Peak	298.00	300	Vertical	Pass
4**	7684.111	43.78	54.0	10.22	AV	298.00	300	Vertical	Pass
5	12527.882	58.25	74.0	15.75	Peak	228.00	100	Vertical	Pass
5**	12527.882	42.56	54.0	11.44	AV	228.00	100	Vertical	Pass
6	15383.032	53.89	74.0	20.11	Peak	350.00	300	Vertical	Pass
6**	15383.032	45.38	54.0	8.62	AV	350.00	300	Vertical	Pass

11ax160(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	1509.547	42.43	74.0	31.57	Peak	27.00	200	Horizontal	Pass
1**	1509.547	28.61	54.0	25.39	AV	27.00	200	Horizontal	Pass
2	2351.006	44.52	74.0	29.48	Peak	4.00	400	Horizontal	Pass
2**	2351.006	38.25	54.0	15.75	AV	4.00	400	Horizontal	Pass
3	4203.523	48.91	74.0	25.09	Peak	303.00	200	Horizontal	Pass
3**	4203.523	38.18	54.0	15.82	AV	303.00	200	Horizontal	Pass
4	7437.813	56.95	74.0	17.05	Peak	6.00	400	Horizontal	Pass
4**	7437.813	43.10	54.0	10.90	AV	6.00	400	Horizontal	Pass
5	12521.561	53.51	74.0	20.49	Peak	337.00	300	Horizontal	Pass
5**	12521.561	44.69	54.0	9.31	AV	337.00	300	Horizontal	Pass
6	16143.391	52.42	74.0	21.58	Peak	15.00	200	Horizontal	Pass
6**	16143.391	45.74	54.0	8.26	AV	15.00	200	Horizontal	Pass

11ax160(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	1573.958	39.54	74.0	34.46	Peak	292.00	100	Vertical	Pass
1**	1573.958	27.73	54.0	26.27	AV	292.00	100	Vertical	Pass
2	2346.807	43.76	74.0	30.24	Peak	56.00	100	Vertical	Pass
2**	2346.807	30.99	54.0	23.01	AV	56.00	100	Vertical	Pass
3	3918.588	41.91	74.0	32.09	Peak	118.00	200	Vertical	Pass
3**	3918.588	34.18	54.0	19.82	AV	118.00	200	Vertical	Pass
4	7682.201	50.86	74.0	23.14	Peak	72.00	300	Vertical	Pass
4**	7682.201	43.42	54.0	10.58	AV	72.00	300	Vertical	Pass
5	12526.194	56.97	74.0	17.03	Peak	281.00	100	Vertical	Pass
5**	12526.194	44.36	54.0	9.64	AV	281.00	100	Vertical	Pass
6	15379.109	54.05	74.0	19.95	Peak	221.00	100	Vertical	Pass
6**	15379.109	45.07	54.0	8.93	AV	221.00	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	1523.649	38.93	74.0	35.07	Peak	3.00	300	Horizontal	Pass
1**	1523.649	27.85	54.0	26.15	AV	3.00	300	Horizontal	Pass
2	4022.080	44.97	74.0	29.03	Peak	208.00	100	Horizontal	Pass
2**	4022.080	34.95	54.0	19.05	AV	208.00	100	Horizontal	Pass
3	7595.143	51.13	74.0	22.87	Peak	58.00	200	Horizontal	Pass
3**	7595.143	42.41	54.0	11.59	AV	58.00	200	Horizontal	Pass
4	12454.114	55.28	74.0	18.72	Peak	296.00	200	Horizontal	Pass
4**	12454.114	43.85	54.0	10.15	AV	296.00	200	Horizontal	Pass
5	16096.201	50.54	74.0	23.46	Peak	139.00	200	Horizontal	Pass
5**	16096.201	42.46	54.0	11.54	AV	139.00	200	Horizontal	Pass
6	17415.792	58.46	74.0	15.54	Peak	73.00	200	Horizontal	Pass
6**	17415.792	45.28	54.0	8.72	AV	73.00	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	1334.380	45.28	74.0	28.72	Peak	45.00	100	Vertical	Pass
1**	1334.380	35.38	54.0	18.62	AV	45.00	100	Vertical	Pass
2	1440.277	40.44	74.0	33.56	Peak	97.00	300	Vertical	Pass
2**	1440.277	38.14	54.0	15.86	AV	97.00	300	Vertical	Pass
3	4314.792	48.12	74.0	25.88	Peak	150.00	200	Vertical	Pass
3**	4314.792	39.01	54.0	14.99	AV	150.00	200	Vertical	Pass
4	7597.816	54.01	74.0	19.99	Peak	214.00	100	Vertical	Pass
4**	7597.816	46.43	54.0	7.57	AV	214.00	100	Vertical	Pass
5	12532.573	55.26	74.0	18.74	Peak	307.00	300	Vertical	Pass
5**	12532.573	44.59	54.0	9.41	AV	307.00	300	Vertical	Pass
6	15907.900	56.09	74.0	17.91	Peak	304.00	200	Vertical	Pass
6**	15907.900	45.79	54.0	8.21	AV	304.00	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	1523.366	37.49	74.0	36.51	Peak	43.00	200	Horizontal	Pass
1**	1523.366	28.67	54.0	25.33	AV	43.00	200	Horizontal	Pass
2	4021.103	45.35	74.0	28.65	Peak	26.00	100	Horizontal	Pass
2**	4021.103	37.98	54.0	16.02	AV	26.00	100	Horizontal	Pass
3	7601.527	50.79	74.0	23.21	Peak	20.00	200	Horizontal	Pass
3**	7601.527	44.66	54.0	9.34	AV	20.00	200	Horizontal	Pass
4	12456.321	55.78	74.0	18.22	Peak	254.00	100	Horizontal	Pass
4**	12456.321	45.83	54.0	8.17	AV	254.00	100	Horizontal	Pass
5	16091.472	55.34	74.0	18.66	Peak	102.00	400	Horizontal	Pass
5**	16091.472	44.09	54.0	9.91	AV	102.00	400	Horizontal	Pass
6	17420.929	54.09	74.0	19.91	Peak	92.00	200	Horizontal	Pass
6**	17420.929	47.95	54.0	6.05	AV	92.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.881	44.44	74.0	29.56	Peak	74.00	300	Vertical	Pass
1**	1332.881	32.71	54.0	21.29	AV	74.00	300	Vertical	Pass
2	1439.681	40.56	74.0	33.44	Peak	147.00	300	Vertical	Pass
2**	1439.681	37.56	54.0	16.44	AV	147.00	300	Vertical	Pass
3	4313.154	49.03	74.0	24.97	Peak	19.00	200	Vertical	Pass
3**	4313.154	39.76	54.0	14.24	AV	19.00	200	Vertical	Pass
4	7596.725	54.21	74.0	19.79	Peak	171.00	300	Vertical	Pass
4**	7596.725	46.49	54.0	7.51	AV	171.00	300	Vertical	Pass
5	12534.016	50.83	74.0	23.17	Peak	240.00	200	Vertical	Pass
5**	12534.016	46.06	54.0	7.94	AV	240.00	200	Vertical	Pass
6	15908.282	55.47	74.0	18.53	Peak	19.00	400	Vertical	Pass
6**	15908.282	44.51	54.0	9.49	AV	19.00	400	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	1524.549	36.54	74.0	37.46	Peak	16.00	100	Horizontal	Pass
1**	1524.549	27.30	54.0	26.70	AV	16.00	100	Horizontal	Pass
2	4018.578	44.95	74.0	29.05	Peak	152.00	300	Horizontal	Pass
2**	4018.578	36.52	54.0	17.48	AV	152.00	300	Horizontal	Pass
3	7595.684	55.32	74.0	18.68	Peak	17.00	200	Horizontal	Pass
3**	7595.684	41.71	54.0	12.29	AV	17.00	200	Horizontal	Pass
4	12457.878	52.47	74.0	21.53	Peak	33.00	200	Horizontal	Pass
4**	12457.878	44.29	54.0	9.71	AV	33.00	200	Horizontal	Pass
5	16098.694	51.88	74.0	22.12	Peak	278.00	100	Horizontal	Pass
5**	16098.694	46.48	54.0	7.52	AV	278.00	100	Horizontal	Pass
6	17422.438	54.70	74.0	19.30	Peak	271.00	200	Horizontal	Pass
6**	17422.438	48.78	54.0	5.22	AV	271.00	200	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	1334.195	42.83	74.0	31.17	Peak	256.00	200	Vertical	Pass
1**	1334.195	34.81	54.0	19.19	AV	256.00	200	Vertical	Pass
2	1439.964	44.89	74.0	29.11	Peak	222.00	200	Vertical	Pass
2**	1439.964	38.96	54.0	15.04	AV	222.00	200	Vertical	Pass
3	4315.029	47.40	74.0	26.60	Peak	7.00	200	Vertical	Pass
3**	4315.029	39.79	54.0	14.21	AV	7.00	200	Vertical	Pass
4	7597.074	52.98	74.0	21.02	Peak	242.00	200	Vertical	Pass
4**	7597.074	41.98	54.0	12.02	AV	242.00	200	Vertical	Pass
5	12535.092	50.66	74.0	23.34	Peak	60.00	100	Vertical	Pass
5**	12535.092	44.58	54.0	9.42	AV	60.00	100	Vertical	Pass
6	15909.619	56.33	74.0	17.67	Peak	208.00	400	Vertical	Pass
6**	15909.619	47.32	54.0	6.68	AV	208.00	400	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	1517.988	37.61	74.0	36.39	Peak	79.00	100	Horizontal	Pass
1**	1517.988	31.82	54.0	22.18	AV	79.00	100	Horizontal	Pass
2	4023.774	50.04	74.0	23.96	Peak	301.00	400	Horizontal	Pass
2**	4023.774	33.92	54.0	20.08	AV	301.00	400	Horizontal	Pass
3	7598.502	51.54	74.0	22.46	Peak	78.00	200	Horizontal	Pass
3**	7598.502	46.07	54.0	7.93	AV	78.00	200	Horizontal	Pass
4	12456.889	56.53	74.0	17.47	Peak	145.00	300	Horizontal	Pass
4**	12456.889	45.00	54.0	9.00	AV	145.00	300	Horizontal	Pass
5	16098.479	56.31	74.0	17.69	Peak	320.00	200	Horizontal	Pass
5**	16098.479	42.95	54.0	11.05	AV	320.00	200	Horizontal	Pass
6	17420.550	55.92	74.0	18.08	Peak	303.00	100	Horizontal	Pass
6**	17420.550	48.29	54.0	5.71	AV	303.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.343	45.99	74.0	28.01	Peak	128.00	200	Vertical	Pass
1**	1333.343	35.23	54.0	18.77	AV	128.00	200	Vertical	Pass
2	1441.967	41.06	74.0	32.94	Peak	352.00	100	Vertical	Pass
2**	1441.967	34.28	54.0	19.72	AV	352.00	100	Vertical	Pass
3	4312.278	48.86	74.0	25.14	Peak	238.00	200	Vertical	Pass
3**	4312.278	36.75	54.0	17.25	AV	238.00	200	Vertical	Pass
4	7596.225	51.34	74.0	22.66	Peak	15.00	100	Vertical	Pass
4**	7596.225	41.83	54.0	12.17	AV	15.00	100	Vertical	Pass
5	12536.840	55.17	74.0	18.83	Peak	25.00	400	Vertical	Pass
5**	12536.840	42.09	54.0	11.91	AV	25.00	400	Vertical	Pass
6	15910.363	56.26	74.0	17.74	Peak	182.00	300	Vertical	Pass
6**	15910.363	44.38	54.0	9.62	AV	182.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.111	36.85	74.0	37.15	Peak	122.00	300	Horizontal	Pass
1**	1517.111	31.75	54.0	22.25	AV	122.00	300	Horizontal	Pass
2	4017.410	44.95	74.0	29.05	Peak	149.00	100	Horizontal	Pass
2**	4017.410	38.63	54.0	15.37	AV	149.00	100	Horizontal	Pass
3	7598.715	55.54	74.0	18.46	Peak	79.00	200	Horizontal	Pass
3**	7598.715	44.01	54.0	9.99	AV	79.00	200	Horizontal	Pass
4	12453.120	55.79	74.0	18.21	Peak	187.00	300	Horizontal	Pass
4**	12453.120	42.87	54.0	11.13	AV	187.00	300	Horizontal	Pass
5	16093.863	52.88	74.0	21.12	Peak	158.00	300	Horizontal	Pass
5**	16093.863	46.58	54.0	7.42	AV	158.00	300	Horizontal	Pass
6	17422.797	56.31	74.0	17.69	Peak	65.00	200	Horizontal	Pass
6**	17422.797	49.44	54.0	4.56	AV	65.00	200	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	1335.804	43.58	74.0	30.42	Peak	207.00	400	Vertical	Pass
1**	1335.804	31.29	54.0	22.71	AV	207.00	400	Vertical	Pass
2	1439.896	42.00	74.0	32.00	Peak	197.00	200	Vertical	Pass
2**	1439.896	37.61	54.0	16.39	AV	197.00	200	Vertical	Pass
3	4310.421	46.31	74.0	27.69	Peak	268.00	200	Vertical	Pass
3**	4310.421	36.87	54.0	17.13	AV	268.00	200	Vertical	Pass
4	7595.622	53.41	74.0	20.59	Peak	267.00	200	Vertical	Pass
4**	7595.622	40.78	54.0	13.22	AV	267.00	200	Vertical	Pass
5	12535.217	52.26	74.0	21.74	Peak	330.00	100	Vertical	Pass
5**	12535.217	40.78	54.0	13.22	AV	330.00	100	Vertical	Pass
6	15907.440	53.23	74.0	20.77	Peak	27.00	200	Vertical	Pass
6**	15907.440	45.09	54.0	8.91	AV	27.00	200	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	1523.820	37.00	74.0	37.00	Peak	144.00	200	Horizontal	Pass
1**	1523.820	31.06	54.0	22.94	AV	144.00	200	Horizontal	Pass
2	4016.444	49.20	74.0	24.80	Peak	224.00	400	Horizontal	Pass
2**	4016.444	37.74	54.0	16.26	AV	224.00	400	Horizontal	Pass
3	7598.855	54.38	74.0	19.62	Peak	89.00	200	Horizontal	Pass
3**	7598.855	45.77	54.0	8.23	AV	89.00	200	Horizontal	Pass
4	12458.467	55.00	74.0	19.00	Peak	188.00	400	Horizontal	Pass
4**	12458.467	44.92	54.0	9.08	AV	188.00	400	Horizontal	Pass
5	16094.834	52.80	74.0	21.20	Peak	218.00	200	Horizontal	Pass
5**	16094.834	46.04	54.0	7.96	AV	218.00	200	Horizontal	Pass
6	17418.503	53.99	74.0	20.01	Peak	193.00	300	Horizontal	Pass
6**	17418.503	45.34	54.0	8.66	AV	193.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.362	44.22	74.0	29.78	Peak	324.00	100	Vertical	Pass
1**	1333.362	36.07	54.0	17.93	AV	324.00	100	Vertical	Pass
2	1437.402	42.29	74.0	31.71	Peak	225.00	200	Vertical	Pass
2**	1437.402	38.55	54.0	15.45	AV	225.00	200	Vertical	Pass
3	4308.949	48.20	74.0	25.80	Peak	258.00	200	Vertical	Pass
3**	4308.949	37.63	54.0	16.37	AV	258.00	200	Vertical	Pass
4	7595.449	54.96	74.0	19.04	Peak	225.00	400	Vertical	Pass
4**	7595.449	43.81	54.0	10.19	AV	225.00	400	Vertical	Pass
5	12531.694	52.49	74.0	21.51	Peak	95.00	300	Vertical	Pass
5**	12531.694	46.19	54.0	7.81	AV	95.00	300	Vertical	Pass
6	15910.407	51.49	74.0	22.51	Peak	200.00	400	Vertical	Pass
6**	15910.407	46.15	54.0	7.85	AV	200.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.186	39.51	74.0	34.49	Peak	302.00	100	Horizontal	Pass
1**	1518.186	27.94	54.0	26.06	AV	302.00	100	Horizontal	Pass
2	4021.274	48.36	74.0	25.64	Peak	326.00	400	Horizontal	Pass
2**	4021.274	38.80	54.0	15.20	AV	326.00	400	Horizontal	Pass
3	7597.326	54.08	74.0	19.92	Peak	40.00	200	Horizontal	Pass
3**	7597.326	46.07	54.0	7.93	AV	40.00	200	Horizontal	Pass
4	12455.896	54.14	74.0	19.86	Peak	262.00	400	Horizontal	Pass
4**	12455.896	44.16	54.0	9.84	AV	262.00	400	Horizontal	Pass
5	16097.460	53.49	74.0	20.51	Peak	299.00	100	Horizontal	Pass
5**	16097.460	45.19	54.0	8.81	AV	299.00	100	Horizontal	Pass
6	17422.234	54.77	74.0	19.23	Peak	289.00	400	Horizontal	Pass
6**	17422.234	45.79	54.0	8.21	AV	289.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.803	45.31	74.0	28.69	Peak	222.00	200	Vertical	Pass
1**	1332.803	32.28	54.0	21.72	AV	222.00	200	Vertical	Pass
2	1436.924	41.49	74.0	32.51	Peak	7.00	200	Vertical	Pass
2**	1436.924	35.87	54.0	18.13	AV	7.00	200	Vertical	Pass
3	4308.144	50.07	74.0	23.93	Peak	24.00	200	Vertical	Pass
3**	4308.144	36.51	54.0	17.49	AV	24.00	200	Vertical	Pass
4	7597.105	50.08	74.0	23.92	Peak	90.00	400	Vertical	Pass
4**	7597.105	41.86	54.0	12.14	AV	90.00	400	Vertical	Pass
5	12538.693	50.59	74.0	23.41	Peak	113.00	200	Vertical	Pass
5**	12538.693	45.55	54.0	8.45	AV	113.00	200	Vertical	Pass
6	15904.090	54.80	74.0	19.20	Peak	4.00	100	Vertical	Pass
6**	15904.090	45.02	54.0	8.98	AV	4.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.924	36.47	74.0	37.53	Peak	146.00	100	Horizontal	Pass
1**	1521.924	28.66	54.0	25.34	AV	146.00	100	Horizontal	Pass
2	4019.896	47.89	74.0	26.11	Peak	40.00	300	Horizontal	Pass
2**	4019.896	35.48	54.0	18.52	AV	40.00	300	Horizontal	Pass
3	7594.579	54.60	74.0	19.40	Peak	92.00	200	Horizontal	Pass
3**	7594.579	43.44	54.0	10.56	AV	92.00	200	Horizontal	Pass
4	12452.990	54.63	74.0	19.37	Peak	188.00	200	Horizontal	Pass
4**	12452.990	41.65	54.0	12.35	AV	188.00	200	Horizontal	Pass
5	16093.067	55.96	74.0	18.04	Peak	157.00	300	Horizontal	Pass
5**	16093.067	43.13	54.0	10.87	AV	157.00	300	Horizontal	Pass
6	17418.211	58.23	74.0	15.77	Peak	64.00	100	Horizontal	Pass
6**	17418.211	47.98	54.0	6.02	AV	64.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.487	44.03	74.0	29.97	Peak	358.00	400	Vertical	Pass
1**	1336.487	34.26	54.0	19.74	AV	358.00	400	Vertical	Pass
2	1437.024	44.28	74.0	29.72	Peak	344.00	300	Vertical	Pass
2**	1437.024	34.89	54.0	19.11	AV	344.00	300	Vertical	Pass
3	4309.170	45.46	74.0	28.54	Peak	327.00	200	Vertical	Pass
3**	4309.170	37.13	54.0	16.87	AV	327.00	200	Vertical	Pass
4	7595.058	53.70	74.0	20.30	Peak	93.00	300	Vertical	Pass
4**	7595.058	45.52	54.0	8.48	AV	93.00	300	Vertical	Pass
5	12536.836	56.28	74.0	17.72	Peak	147.00	300	Vertical	Pass
5**	12536.836	43.15	54.0	10.85	AV	147.00	300	Vertical	Pass
6	15910.465	53.06	74.0	20.94	Peak	110.00	100	Vertical	Pass
6**	15910.465	43.23	54.0	10.77	AV	110.00	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	1520.920	38.61	74.0	35.39	Peak	126.00	100	Horizontal	Pass
1**	1520.920	30.31	54.0	23.69	AV	126.00	100	Horizontal	Pass
2	4017.365	46.46	74.0	27.54	Peak	202.00	100	Horizontal	Pass
2**	4017.365	35.10	54.0	18.90	AV	202.00	100	Horizontal	Pass
3	7596.950	52.25	74.0	21.75	Peak	358.00	200	Horizontal	Pass
3**	7596.950	45.31	54.0	8.69	AV	358.00	200	Horizontal	Pass
4	12458.928	56.04	74.0	17.96	Peak	235.00	400	Horizontal	Pass
4**	12458.928	46.31	54.0	7.69	AV	235.00	400	Horizontal	Pass
5	16098.793	54.24	74.0	19.76	Peak	289.00	400	Horizontal	Pass
5**	16098.793	42.65	54.0	11.35	AV	289.00	400	Horizontal	Pass
6	17420.516	54.39	74.0	19.61	Peak	313.00	400	Horizontal	Pass
6**	17420.516	48.96	54.0	5.04	AV	313.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.737	42.00	74.0	32.00	Peak	127.00	300	Vertical	Pass
1**	1329.737	31.30	54.0	22.70	AV	127.00	300	Vertical	Pass
2	1440.162	44.21	74.0	29.79	Peak	339.00	300	Vertical	Pass
2**	1440.162	36.06	54.0	17.94	AV	339.00	300	Vertical	Pass
3	4309.335	49.97	74.0	24.03	Peak	9.00	200	Vertical	Pass
3**	4309.335	39.57	54.0	14.43	AV	9.00	200	Vertical	Pass
4	7591.799	54.79	74.0	19.21	Peak	209.00	100	Vertical	Pass
4**	7591.799	43.93	54.0	10.07	AV	209.00	100	Vertical	Pass
5	12533.992	55.89	74.0	18.11	Peak	350.00	400	Vertical	Pass
5**	12533.992	44.52	54.0	9.48	AV	350.00	400	Vertical	Pass
6	15904.522	52.53	74.0	21.47	Peak	221.00	400	Vertical	Pass
6**	15904.522	48.56	54.0	5.44	AV	221.00	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	1518.623	39.41	74.0	34.59	Peak	63.00	100	Horizontal	Pass
1**	1518.623	27.03	54.0	26.97	AV	63.00	100	Horizontal	Pass
2	4016.614	45.58	74.0	28.42	Peak	267.00	400	Horizontal	Pass
2**	4016.614	35.18	54.0	18.82	AV	267.00	400	Horizontal	Pass
3	7599.313	52.73	74.0	21.27	Peak	258.00	200	Horizontal	Pass
3**	7599.313	40.88	54.0	13.12	AV	258.00	200	Horizontal	Pass
4	12455.243	52.85	74.0	21.15	Peak	7.00	400	Horizontal	Pass
4**	12455.243	42.15	54.0	11.85	AV	7.00	400	Horizontal	Pass
5	16099.016	50.80	74.0	23.20	Peak	58.00	300	Horizontal	Pass
5**	16099.016	46.49	54.0	7.51	AV	58.00	300	Horizontal	Pass
6	17423.360	55.52	74.0	18.48	Peak	354.00	200	Horizontal	Pass
6**	17423.360	47.39	54.0	6.61	AV	354.00	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	1331.123	44.56	74.0	29.44	Peak	58.00	100	Vertical	Pass
1**	1331.123	36.05	54.0	17.95	AV	58.00	100	Vertical	Pass
2	1441.424	41.11	74.0	32.89	Peak	258.00	100	Vertical	Pass
2**	1441.424	40.01	54.0	13.99	AV	258.00	100	Vertical	Pass
3	4311.908	45.09	74.0	28.91	Peak	28.00	200	Vertical	Pass
3**	4311.908	41.42	54.0	12.58	AV	28.00	200	Vertical	Pass
4	7591.628	50.11	74.0	23.89	Peak	79.00	100	Vertical	Pass
4**	7591.628	42.66	54.0	11.34	AV	79.00	100	Vertical	Pass
5	12535.354	55.41	74.0	18.59	Peak	248.00	400	Vertical	Pass
5**	12535.354	44.62	54.0	9.38	AV	248.00	400	Vertical	Pass
6	15902.932	54.27	74.0	19.73	Peak	197.00	300	Vertical	Pass
6**	15902.932	44.79	54.0	9.21	AV	197.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.619	38.27	74.0	35.73	Peak	184.00	100	Horizontal	Pass
1**	1520.619	32.68	54.0	21.32	AV	184.00	100	Horizontal	Pass
2	4023.313	48.73	74.0	25.27	Peak	349.00	300	Horizontal	Pass
2**	4023.313	37.53	54.0	16.47	AV	349.00	300	Horizontal	Pass
3	7595.765	53.23	74.0	20.77	Peak	137.00	200	Horizontal	Pass
3**	7595.765	44.57	54.0	9.43	AV	137.00	200	Horizontal	Pass
4	12458.031	50.69	74.0	23.31	Peak	273.00	300	Horizontal	Pass
4**	12458.031	41.99	54.0	12.01	AV	273.00	300	Horizontal	Pass
5	16095.404	54.96	74.0	19.04	Peak	242.00	400	Horizontal	Pass
5**	16095.404	46.10	54.0	7.90	AV	242.00	400	Horizontal	Pass
6	17420.679	54.23	74.0	19.77	Peak	338.00	400	Horizontal	Pass
6**	17420.679	48.54	54.0	5.46	AV	338.00	400	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	1331.296	45.12	74.0	28.88	Peak	102.00	100	Vertical	Pass
1**	1331.296	34.50	54.0	19.50	AV	102.00	100	Vertical	Pass
2	1441.445	39.06	74.0	34.94	Peak	72.00	200	Vertical	Pass
2**	1441.445	36.02	54.0	17.98	AV	72.00	200	Vertical	Pass
3	4313.995	46.94	74.0	27.06	Peak	201.00	200	Vertical	Pass
3**	4313.995	37.79	54.0	16.21	AV	201.00	200	Vertical	Pass
4	7594.456	51.39	74.0	22.61	Peak	185.00	300	Vertical	Pass
4**	7594.456	46.08	54.0	7.92	AV	185.00	300	Vertical	Pass
5	12537.598	51.68	74.0	22.32	Peak	351.00	300	Vertical	Pass
5**	12537.598	41.56	54.0	12.44	AV	351.00	300	Vertical	Pass
6	15909.629	54.21	74.0	19.79	Peak	36.00	200	Vertical	Pass
6**	15909.629	46.64	54.0	7.36	AV	36.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.827	37.82	74.0	36.18	Peak	238.00	200	Horizontal	Pass
1**	1522.827	28.54	54.0	25.46	AV	238.00	200	Horizontal	Pass
2	4016.557	49.05	74.0	24.95	Peak	27.00	100	Horizontal	Pass
2**	4016.557	36.14	54.0	17.86	AV	27.00	100	Horizontal	Pass
3	7598.234	55.30	74.0	18.70	Peak	156.00	200	Horizontal	Pass
3**	7598.234	45.20	54.0	8.80	AV	156.00	200	Horizontal	Pass
4	12456.347	52.93	74.0	21.07	Peak	285.00	300	Horizontal	Pass
4**	12456.347	46.79	54.0	7.21	AV	285.00	300	Horizontal	Pass
5	16092.946	53.45	74.0	20.55	Peak	113.00	400	Horizontal	Pass
5**	16092.946	46.96	54.0	7.04	AV	113.00	400	Horizontal	Pass
6	17419.580	53.94	74.0	20.06	Peak	89.00	100	Horizontal	Pass
6**	17419.580	45.09	54.0	8.91	AV	89.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.474	42.40	74.0	31.60	Peak	61.00	100	Vertical	Pass
1**	1335.474	32.20	54.0	21.80	AV	61.00	100	Vertical	Pass
2	1436.935	43.00	74.0	31.00	Peak	78.00	200	Vertical	Pass
2**	1436.935	34.81	54.0	19.19	AV	78.00	200	Vertical	Pass
3	4308.098	44.75	74.0	29.25	Peak	307.00	200	Vertical	Pass
3**	4308.098	35.73	54.0	18.27	AV	307.00	200	Vertical	Pass
4	7591.857	52.84	74.0	21.16	Peak	295.00	200	Vertical	Pass
4**	7591.857	43.34	54.0	10.66	AV	295.00	200	Vertical	Pass
5	12538.686	54.95	74.0	19.05	Peak	125.00	300	Vertical	Pass
5**	12538.686	45.81	54.0	8.19	AV	125.00	300	Vertical	Pass
6	15902.586	53.15	74.0	20.85	Peak	236.00	300	Vertical	Pass
6**	15902.586	42.99	54.0	11.01	AV	236.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.743	41.02	74.0	32.98	Peak	76.00	300	Horizontal	Pass
1**	1520.743	26.83	54.0	27.17	AV	76.00	300	Horizontal	Pass
2	4019.804	49.09	74.0	24.91	Peak	134.00	300	Horizontal	Pass
2**	4019.804	38.21	54.0	15.79	AV	134.00	300	Horizontal	Pass
3	7598.557	54.26	74.0	19.74	Peak	140.00	200	Horizontal	Pass
3**	7598.557	44.38	54.0	9.62	AV	140.00	200	Horizontal	Pass
4	12456.455	54.90	74.0	19.10	Peak	342.00	400	Horizontal	Pass
4**	12456.455	43.73	54.0	10.27	AV	342.00	400	Horizontal	Pass
5	16098.580	50.78	74.0	23.22	Peak	47.00	400	Horizontal	Pass
5**	16098.580	44.58	54.0	9.42	AV	47.00	400	Horizontal	Pass
6	17422.521	57.00	74.0	17.00	Peak	215.00	400	Horizontal	Pass
6**	17422.521	47.98	54.0	6.02	AV	215.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.643	45.40	74.0	28.60	Peak	82.00	300	Vertical	Pass
1**	1333.643	33.05	54.0	20.95	AV	82.00	300	Vertical	Pass
2	1442.143	40.37	74.0	33.63	Peak	199.00	400	Vertical	Pass
2**	1442.143	38.99	54.0	15.01	AV	199.00	400	Vertical	Pass
3	4308.662	46.48	74.0	27.52	Peak	165.00	200	Vertical	Pass
3**	4308.662	38.04	54.0	15.96	AV	165.00	200	Vertical	Pass
4	7595.984	55.55	74.0	18.45	Peak	238.00	300	Vertical	Pass
4**	7595.984	40.73	54.0	13.27	AV	238.00	300	Vertical	Pass
5	12538.727	54.54	74.0	19.46	Peak	251.00	200	Vertical	Pass
5**	12538.727	42.71	54.0	11.29	AV	251.00	200	Vertical	Pass
6	15907.371	57.14	74.0	16.86	Peak	205.00	100	Vertical	Pass
6**	15907.371	43.33	54.0	10.67	AV	205.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.734	37.22	74.0	36.78	Peak	197.00	200	Horizontal	Pass
1**	1520.734	27.85	54.0	26.15	AV	197.00	200	Horizontal	Pass
2	4022.678	45.09	74.0	28.91	Peak	193.00	400	Horizontal	Pass
2**	4022.678	37.42	54.0	16.58	AV	193.00	400	Horizontal	Pass
3	7595.881	51.04	74.0	22.96	Peak	42.00	200	Horizontal	Pass
3**	7595.881	40.97	54.0	13.03	AV	42.00	200	Horizontal	Pass
4	12458.032	51.32	74.0	22.68	Peak	59.00	100	Horizontal	Pass
4**	12458.032	42.93	54.0	11.07	AV	59.00	100	Horizontal	Pass
5	16095.478	56.41	74.0	17.59	Peak	301.00	300	Horizontal	Pass
5**	16095.478	47.05	54.0	6.95	AV	301.00	300	Horizontal	Pass
6	17423.173	57.48	74.0	16.52	Peak	87.00	200	Horizontal	Pass
6**	17423.173	46.79	54.0	7.21	AV	87.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.063	46.89	74.0	27.11	Peak	245.00	300	Vertical	Pass
1**	1335.063	31.24	54.0	22.76	AV	245.00	300	Vertical	Pass
2	1441.054	44.26	74.0	29.74	Peak	72.00	200	Vertical	Pass
2**	1441.054	38.41	54.0	15.59	AV	72.00	200	Vertical	Pass
3	4312.217	46.63	74.0	27.37	Peak	290.00	200	Vertical	Pass
3**	4312.217	36.86	54.0	17.14	AV	290.00	200	Vertical	Pass
4	7593.844	51.95	74.0	22.05	Peak	67.00	300	Vertical	Pass
4**	7593.844	43.00	54.0	11.00	AV	67.00	300	Vertical	Pass
5	12536.146	52.38	74.0	21.62	Peak	222.00	100	Vertical	Pass
5**	12536.146	42.71	54.0	11.29	AV	222.00	100	Vertical	Pass
6	15905.158	54.67	74.0	19.33	Peak	115.00	100	Vertical	Pass
6**	15905.158	43.86	54.0	10.14	AV	115.00	100	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	1520.587	41.13	74.0	32.87	Peak	320.00	400	Horizontal	Pass
1**	1520.587	27.66	54.0	26.34	AV	320.00	400	Horizontal	Pass
2	4018.617	49.04	74.0	24.96	Peak	144.00	300	Horizontal	Pass
2**	4018.617	39.72	54.0	14.28	AV	144.00	300	Horizontal	Pass
3	7602.196	52.44	74.0	21.56	Peak	179.00	200	Horizontal	Pass
3**	7602.196	45.83	54.0	8.17	AV	179.00	200	Horizontal	Pass
4	12456.630	55.02	74.0	18.98	Peak	172.00	300	Horizontal	Pass
4**	12456.630	45.27	54.0	8.73	AV	172.00	300	Horizontal	Pass
5	16098.233	55.17	74.0	18.83	Peak	316.00	400	Horizontal	Pass
5**	16098.233	47.46	54.0	6.54	AV	316.00	400	Horizontal	Pass
6	17420.493	56.82	74.0	17.18	Peak	208.00	400	Horizontal	Pass
6**	17420.493	46.74	54.0	7.26	AV	208.00	400	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	1331.791	46.75	74.0	27.25	Peak	242.00	100	Vertical	Pass
1**	1331.791	33.50	54.0	20.50	AV	242.00	100	Vertical	Pass
2	1443.638	40.74	74.0	33.26	Peak	86.00	300	Vertical	Pass
2**	1443.638	35.12	54.0	18.88	AV	86.00	300	Vertical	Pass
3	4308.129	45.81	74.0	28.19	Peak	341.00	200	Vertical	Pass
3**	4308.129	40.42	54.0	13.58	AV	341.00	200	Vertical	Pass
4	7596.291	51.11	74.0	22.89	Peak	96.00	400	Vertical	Pass
4**	7596.291	46.25	54.0	7.75	AV	96.00	400	Vertical	Pass
5	12535.620	54.53	74.0	19.47	Peak	39.00	300	Vertical	Pass
5**	12535.620	44.33	54.0	9.67	AV	39.00	300	Vertical	Pass
6	15904.905	51.94	74.0	22.06	Peak	60.00	200	Vertical	Pass
6**	15904.905	48.39	54.0	5.61	AV	60.00	200	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	1525.021	39.87	74.0	34.13	Peak	208.00	100	Horizontal	Pass
1**	1525.021	27.15	54.0	26.85	AV	208.00	100	Horizontal	Pass
2	4017.764	49.61	74.0	24.39	Peak	129.00	400	Horizontal	Pass
2**	4017.764	36.38	54.0	17.62	AV	129.00	400	Horizontal	Pass
3	7601.745	50.84	74.0	23.16	Peak	64.00	200	Horizontal	Pass
3**	7601.745	42.78	54.0	11.22	AV	64.00	200	Horizontal	Pass
4	12455.986	56.57	74.0	17.43	Peak	225.00	200	Horizontal	Pass
4**	12455.986	44.47	54.0	9.53	AV	225.00	200	Horizontal	Pass
5	16095.195	52.02	74.0	21.98	Peak	131.00	300	Horizontal	Pass
5**	16095.195	45.18	54.0	8.82	AV	131.00	300	Horizontal	Pass
6	17417.293	55.11	74.0	18.89	Peak	352.00	400	Horizontal	Pass
6**	17417.293	49.05	54.0	4.95	AV	352.00	400	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	1330.652	43.98	74.0	30.02	Peak	298.00	200	Vertical	Pass
1**	1330.652	34.26	54.0	19.74	AV	298.00	200	Vertical	Pass
2	1438.020	44.00	74.0	30.00	Peak	102.00	400	Vertical	Pass
2**	1438.020	36.78	54.0	17.22	AV	102.00	400	Vertical	Pass
3	4313.205	49.90	74.0	24.10	Peak	84.00	200	Vertical	Pass
3**	4313.205	37.46	54.0	16.54	AV	84.00	200	Vertical	Pass
4	7595.460	53.87	74.0	20.13	Peak	69.00	400	Vertical	Pass
4**	7595.460	44.33	54.0	9.67	AV	69.00	400	Vertical	Pass
5	12537.142	51.36	74.0	22.64	Peak	103.00	400	Vertical	Pass
5**	12537.142	42.90	54.0	11.10	AV	103.00	400	Vertical	Pass
6	15904.392	56.06	74.0	17.94	Peak	83.00	200	Vertical	Pass
6**	15904.392	47.32	54.0	6.68	AV	83.00	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	1518.875	35.93	74.0	38.07	Peak	156.00	400	Horizontal	Pass
1**	1518.875	28.39	54.0	25.61	AV	156.00	400	Horizontal	Pass
2	4020.358	46.63	74.0	27.37	Peak	217.00	400	Horizontal	Pass
2**	4020.358	35.27	54.0	18.73	AV	217.00	400	Horizontal	Pass
3	7597.438	52.80	74.0	21.20	Peak	29.00	200	Horizontal	Pass
3**	7597.438	42.98	54.0	11.02	AV	29.00	200	Horizontal	Pass
4	12451.895	53.24	74.0	20.76	Peak	233.00	100	Horizontal	Pass
4**	12451.895	42.37	54.0	11.63	AV	233.00	100	Horizontal	Pass
5	16097.832	51.79	74.0	22.21	Peak	301.00	400	Horizontal	Pass
5**	16097.832	45.02	54.0	8.98	AV	301.00	400	Horizontal	Pass
6	17420.647	54.97	74.0	19.03	Peak	60.00	400	Horizontal	Pass
6**	17420.647	49.40	54.0	4.60	AV	60.00	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	1337.057	46.01	74.0	27.99	Peak	315.00	100	Vertical	Pass
1**	1337.057	35.65	54.0	18.35	AV	315.00	100	Vertical	Pass
2	1444.074	43.79	74.0	30.21	Peak	142.00	200	Vertical	Pass
2**	1444.074	38.73	54.0	15.27	AV	142.00	200	Vertical	Pass
3	4310.333	47.89	74.0	26.11	Peak	346.00	200	Vertical	Pass
3**	4310.333	40.09	54.0	13.91	AV	346.00	200	Vertical	Pass
4	7591.757	53.08	74.0	20.92	Peak	74.00	300	Vertical	Pass
4**	7591.757	40.79	54.0	13.21	AV	74.00	300	Vertical	Pass
5	12531.732	53.79	74.0	20.21	Peak	141.00	100	Vertical	Pass
5**	12531.732	40.74	54.0	13.26	AV	141.00	100	Vertical	Pass
6	15906.822	52.67	74.0	21.33	Peak	180.00	100	Vertical	Pass
6**	15906.822	44.96	54.0	9.04	AV	180.00	100	Vertical	Pass

11ax40(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	1523.790	39.58	74.0	34.42	Peak	153.00	200	Horizontal	Pass
1**	1523.790	27.17	54.0	26.83	AV	153.00	200	Horizontal	Pass
2	4016.206	48.40	74.0	25.60	Peak	152.00	200	Horizontal	Pass
2**	4016.206	39.89	54.0	14.11	AV	152.00	200	Horizontal	Pass
3	7601.704	55.70	74.0	18.30	Peak	277.00	200	Horizontal	Pass
3**	7601.704	43.26	54.0	10.74	AV	277.00	200	Horizontal	Pass
4	12457.769	54.75	74.0	19.25	Peak	212.00	300	Horizontal	Pass
4**	12457.769	41.83	54.0	12.17	AV	212.00	300	Horizontal	Pass
5	16092.796	56.16	74.0	17.84	Peak	325.00	400	Horizontal	Pass
5**	16092.796	43.57	54.0	10.43	AV	325.00	400	Horizontal	Pass
6	17421.915	57.43	74.0	16.57	Peak	243.00	200	Horizontal	Pass
6**	17421.915	47.17	54.0	6.83	AV	243.00	200	Horizontal	Pass

11ax40(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	1336.779	43.21	74.0	30.79	Peak	63.00	100	Vertical	Pass
1**	1336.779	33.05	54.0	20.95	AV	63.00	100	Vertical	Pass
2	1438.483	39.75	74.0	34.25	Peak	159.00	400	Vertical	Pass
2**	1438.483	35.89	54.0	18.11	AV	159.00	400	Vertical	Pass
3	4310.776	44.77	74.0	29.23	Peak	46.00	200	Vertical	Pass
3**	4310.776	35.62	54.0	18.38	AV	46.00	200	Vertical	Pass
4	7591.946	55.03	74.0	18.97	Peak	145.00	400	Vertical	Pass
4**	7591.946	41.85	54.0	12.15	AV	145.00	400	Vertical	Pass
5	12537.037	55.09	74.0	18.91	Peak	2.00	200	Vertical	Pass
5**	12537.037	40.98	54.0	13.02	AV	2.00	200	Vertical	Pass
6	15909.182	54.21	74.0	19.79	Peak	8.00	400	Vertical	Pass
6**	15909.182	44.62	54.0	9.38	AV	8.00	400	Vertical	Pass

11ax40(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	1519.761	37.33	74.0	36.67	Peak	170.00	200	Horizontal	Pass
1**	1519.761	29.87	54.0	24.13	AV	170.00	200	Horizontal	Pass
2	4019.238	50.07	74.0	23.93	Peak	349.00	300	Horizontal	Pass
2**	4019.238	36.82	54.0	17.18	AV	349.00	300	Horizontal	Pass
3	7599.375	51.82	74.0	22.18	Peak	28.00	200	Horizontal	Pass
3**	7599.375	44.51	54.0	9.49	AV	28.00	200	Horizontal	Pass
4	12458.359	55.99	74.0	18.01	Peak	209.00	400	Horizontal	Pass
4**	12458.359	42.74	54.0	11.26	AV	209.00	400	Horizontal	Pass
5	16091.949	55.26	74.0	18.74	Peak	311.00	100	Horizontal	Pass
5**	16091.949	42.20	54.0	11.80	AV	311.00	100	Horizontal	Pass
6	17421.664	56.33	74.0	17.67	Peak	5.00	300	Horizontal	Pass
6**	17421.664	44.90	54.0	9.10	AV	5.00	300	Horizontal	Pass

11ax40(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	1336.846	47.19	74.0	26.81	Peak	311.00	100	Vertical	Pass
1**	1336.846	35.86	54.0	18.14	AV	311.00	100	Vertical	Pass
2	1440.648	42.77	74.0	31.23	Peak	105.00	300	Vertical	Pass
2**	1440.648	35.48	54.0	18.52	AV	105.00	300	Vertical	Pass
3	4312.289	48.90	74.0	25.10	Peak	20.00	200	Vertical	Pass
3**	4312.289	35.89	54.0	18.11	AV	20.00	200	Vertical	Pass
4	7590.300	51.85	74.0	22.15	Peak	250.00	200	Vertical	Pass
4**	7590.300	41.03	54.0	12.97	AV	250.00	200	Vertical	Pass
5	12535.754	55.99	74.0	18.01	Peak	294.00	400	Vertical	Pass
5**	12535.754	42.65	54.0	11.35	AV	294.00	400	Vertical	Pass
6	15903.021	51.66	74.0	22.34	Peak	42.00	400	Vertical	Pass
6**	15903.021	44.34	54.0	9.66	AV	42.00	400	Vertical	Pass

11ax80(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	1519.901	35.57	74.0	38.43	Peak	301.00	200	Horizontal	Pass
1**	1519.901	32.68	54.0	21.32	AV	301.00	200	Horizontal	Pass
2	4017.124	47.59	74.0	26.41	Peak	310.00	100	Horizontal	Pass
2**	4017.124	36.15	54.0	17.85	AV	310.00	100	Horizontal	Pass
3	7601.279	52.86	74.0	21.14	Peak	24.00	200	Horizontal	Pass
3**	7601.279	45.72	54.0	8.28	AV	24.00	200	Horizontal	Pass
4	12454.356	55.73	74.0	18.27	Peak	127.00	300	Horizontal	Pass
4**	12454.356	45.96	54.0	8.04	AV	127.00	300	Horizontal	Pass
5	16092.281	55.58	74.0	18.42	Peak	36.00	400	Horizontal	Pass
5**	16092.281	46.33	54.0	7.67	AV	36.00	400	Horizontal	Pass
6	17417.887	53.79	74.0	20.21	Peak	22.00	100	Horizontal	Pass
6**	17417.887	46.91	54.0	7.09	AV	22.00	100	Horizontal	Pass

11ax80(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	1337.386	45.52	74.0	28.48	Peak	259.00	200	Vertical	Pass
1**	1337.386	33.72	54.0	20.28	AV	259.00	200	Vertical	Pass
2	1441.978	39.52	74.0	34.48	Peak	82.00	100	Vertical	Pass
2**	1441.978	38.29	54.0	15.71	AV	82.00	100	Vertical	Pass
3	4313.366	48.15	74.0	25.85	Peak	7.00	200	Vertical	Pass
3**	4313.366	36.75	54.0	17.25	AV	7.00	200	Vertical	Pass
4	7594.170	50.71	74.0	23.29	Peak	163.00	100	Vertical	Pass
4**	7594.170	42.01	54.0	11.99	AV	163.00	100	Vertical	Pass
5	12533.829	50.79	74.0	23.21	Peak	341.00	400	Vertical	Pass
5**	12533.829	43.18	54.0	10.82	AV	341.00	400	Vertical	Pass
6	15907.854	56.58	74.0	17.42	Peak	249.00	200	Vertical	Pass
6**	15907.854	44.30	54.0	9.70	AV	249.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ac(VHT160)	Middle	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	802.11ax(HE80)(SU)	Middle	Pass

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

Test Data

Main Antenna

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	60.87	74.0	13.13	Peak	307.00	100	Vertical	Pass
1**	5147.833	50.13	54.0	3.87	AV	307.00	100	Vertical	Pass
2	5150.000	61.40	74.0	12.60	Peak	238.00	200	Vertical	Pass
2**	5150.000	50.99	54.0	3.01	AV	238.00	200	Vertical	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.08	74.0	20.92	Peak	226.00	200	Vertical	Pass
1**	5350.000	42.93	54.0	11.07	AV	226.00	200	Vertical	Pass
2	5396.933	55.71	74.0	18.29	Peak	244.00	100	Vertical	Pass
2**	5396.933	43.07	54.0	10.93	AV	244.00	100	Vertical	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	60.27	74.0	13.73	Peak	246.00	200	Vertical	Pass
1**	5145.667	49.18	54.0	4.82	AV	246.00	200	Vertical	Pass
2	5150.000	59.37	74.0	14.63	Peak	244.00	200	Vertical	Pass
2**	5150.000	50.38	54.0	3.62	AV	244.00	200	Vertical	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.27	74.0	20.73	Peak	314.00	100	Vertical	Pass
1**	5350.000	42.79	54.0	11.21	AV	314.00	100	Vertical	Pass
2	5455.600	55.02	74.0	18.98	Peak	209.00	150	Vertical	Pass
2**	5455.600	42.88	54.0	11.12	AV	209.00	150	Vertical	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.416	60.52	74.0	13.48	Peak	221.00	200	Vertical	Pass
1**	5142.416	49.07	54.0	4.93	AV	221.00	200	Vertical	Pass
2	5150.000	59.95	74.0	14.05	Peak	244.00	150	Vertical	Pass
2**	5150.000	48.78	54.0	5.22	AV	244.00	150	Vertical	Pass
3	5140.250	59.04	74.0	14.96	Peak	251.00	150	Vertical	Pass
3**	5140.250	49.26	54.0	4.74	AV	251.00	150	Vertical	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.84	74.0	18.16	Peak	250.00	200	Vertical	Pass
1**	5350.000	45.67	54.0	8.33	AV	250.00	200	Vertical	Pass
2	5350.367	58.07	74.0	15.93	Peak	244.00	100	Vertical	Pass
2**	5350.367	45.51	54.0	8.49	AV	244.00	100	Vertical	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.584	60.61	74.0	13.39	Peak	213.00	200	Vertical	Pass
1**	5144.584	49.49	54.0	4.51	AV	213.00	200	Vertical	Pass
2	5150.000	61.50	74.0	12.50	Peak	237.00	100	Vertical	Pass
2**	5150.000	50.84	54.0	3.16	AV	237.00	100	Vertical	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.97	74.0	18.03	Peak	245.00	200	Vertical	Pass
1**	5350.000	45.39	54.0	8.61	AV	245.00	200	Vertical	Pass
2	5351.283	57.46	74.0	16.54	Peak	228.00	200	Vertical	Pass
2**	5351.283	45.43	54.0	8.57	AV	228.00	200	Vertical	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.167	60.84	74.0	13.16	Peak	244.00	150	Vertical	Pass
1**	5139.167	49.07	54.0	4.93	AV	244.00	150	Vertical	Pass
2	5150.000	60.57	74.0	13.43	Peak	244.00	150	Vertical	Pass
2**	5150.000	49.67	54.0	4.33	AV	244.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.62	74.0	16.38	Peak	250.00	200	Vertical	Pass
1**	5350.000	45.26	54.0	8.74	AV	250.00	200	Vertical	Pass
2	5351.467	59.75	74.0	14.25	Peak	242.00	100	Vertical	Pass
2**	5351.467	45.30	54.0	8.70	AV	242.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	61.47	74.0	12.53	Peak	315.00	200	Vertical	Pass
1**	5145.667	50.11	54.0	3.89	AV	315.00	200	Vertical	Pass
2	5150.000	61.01	74.0	12.99	Peak	242.00	150	Vertical	Pass
2**	5150.000	50.51	54.0	3.49	AV	242.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.26	74.0	20.74	Peak	241.00	200	Vertical	Pass
1**	5350.000	43.69	54.0	10.31	AV	241.00	200	Vertical	Pass
2	5380.067	55.47	74.0	18.53	Peak	221.00	150	Vertical	Pass
2**	5380.067	44.00	54.0	10.00	AV	221.00	150	Vertical	Pass

U-NII-1 11ac160 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	58.05	74.0	15.95	Peak	244.00	200	Vertical	Pass
1**	5145.667	47.62	54.0	6.38	AV	244.00	200	Vertical	Pass
2	5150.000	58.22	74.0	15.78	Peak	240.00	150	Vertical	Pass
2**	5150.000	48.15	54.0	5.85	AV	240.00	150	Vertical	Pass

U-NII-1 11ac160 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.64	74.0	14.36	Peak	222.00	150	Vertical	Pass
1**	5350.000	50.30	54.0	3.70	AV	222.00	150	Vertical	Pass
2	5394.183	62.76	74.0	11.24	Peak	225.00	200	Vertical	Pass
2**	5394.183	50.18	54.0	3.82	AV	225.00	200	Vertical	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	5148.917	61.18	74.0	12.82	Peak	238.00	150	Vertical	Pass
1**	5148.917	50.83	54.0	3.17	AV	238.00	150	Vertical	Pass
2	5150.000	60.57	74.0	13.43	Peak	243.00	150	Vertical	Pass
2**	5150.000	50.97	54.0	3.03	AV	243.00	150	Vertical	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	52.72	74.0	21.28	Peak	345.00	200	Vertical	Pass
1**	5350.000	42.91	54.0	11.09	AV	345.00	200	Vertical	Pass
2	5362.283	54.90	74.0	19.10	Peak	250.00	100	Vertical	Pass
2**	5362.283	43.13	54.0	10.87	AV	250.00	100	Vertical	Pass

U-NII-1 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5138.083	63.14	74.0	10.86	Peak	246.00	200	Vertical	Pass
1**	5138.083	49.27	54.0	4.73	AV	246.00	200	Vertical	Pass
2	5150.000	60.60	74.0	13.40	Peak	238.00	150	Vertical	Pass
2**	5150.000	48.96	54.0	5.04	AV	238.00	150	Vertical	Pass
3	5140.250	60.91	74.0	13.09	Peak	230.00	150	Vertical	Pass
3**	5140.250	49.65	54.0	4.35	AV	230.00	150	Vertical	Pass

U-NII-1 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.06	74.0	18.94	Peak	252.00	200	Vertical	Pass
1**	5350.000	45.58	54.0	8.42	AV	252.00	200	Vertical	Pass
2	5356.600	58.33	74.0	15.67	Peak	240.00	200	Vertical	Pass
2**	5356.600	45.07	54.0	8.93	AV	240.00	200	Vertical	Pass

U-NII-1 11ax80(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.584	61.98	74.0	12.02	Peak	237.00	200	Vertical	Pass
1**	5144.584	50.01	54.0	3.99	AV	237.00	200	Vertical	Pass
2	5150.000	61.36	74.0	12.64	Peak	237.00	200	Vertical	Pass
2**	5150.000	50.92	54.0	3.08	AV	237.00	200	Vertical	Pass

U-NII-1 11ax80(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.05	74.0	20.95	Peak	201.00	100	Vertical	Pass
1**	5350.000	43.97	54.0	10.03	AV	201.00	100	Vertical	Pass
2	5351.834	55.88	74.0	18.12	Peak	242.00	150	Vertical	Pass
2**	5351.834	44.24	54.0	9.76	AV	242.00	150	Vertical	Pass

U-NII-1 11ax160(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	58.70	74.0	15.30	Peak	241.00	150	Vertical	Pass
1**	5147.833	48.38	54.0	5.62	AV	241.00	150	Vertical	Pass
2	5150.000	59.25	74.0	14.75	Peak	241.00	100	Vertical	Pass
2**	5150.000	48.38	54.0	5.62	AV	241.00	100	Vertical	Pass

U-NII-1 11ax160(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.78	74.0	14.22	Peak	242.00	200	Vertical	Pass
1**	5350.000	50.36	54.0	3.64	AV	242.00	200	Vertical	Pass
2	5380.983	63.42	74.0	10.58	Peak	247.00	200	Vertical	Pass
2**	5380.983	50.43	54.0	3.57	AV	247.00	200	Vertical	Pass
3	5373.100	59.96	74.0	14.04	Peak	247.00	150	Vertical	Pass
3**	5373.100	50.80	54.0	3.20	AV	247.00	150	Vertical	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.334	56.57	68.2	11.63	Peak	261.00	200	Vertical	Pass
2	5650.000	55.21	68.2	12.99	Peak	257.00	150	Vertical	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.75	68.3	13.55	Peak	285.00	200	Vertical	Pass
2	5941.834	55.94	68.2	12.26	Peak	143.00	200	Vertical	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	5646.667	56.33	68.2	11.87	Peak	234.00	100	Vertical	Pass
2	5650.000	54.41	68.2	13.79	Peak	256.00	150	Vertical	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.48	68.3	13.82	Peak	276.00	150	Vertical	Pass
2	5942.167	56.50	68.2	11.70	Peak	218.00	150	Vertical	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.333	57.78	68.2	10.42	Peak	232.00	150	Vertical	Pass
2	5650.000	56.51	68.2	11.69	Peak	251.00	200	Vertical	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	53.81	68.3	14.49	Peak	201.00	150	Vertical	Pass
2	5949.500	55.71	68.2	12.49	Peak	290.00	100	Vertical	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	5625.333	56.47	68.2	11.73	Peak	260.00	150	Vertical	Pass
2	5650.000	54.87	68.2	13.33	Peak	279.00	100	Vertical	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.20	68.3	14.10	Peak	254.00	200	Vertical	Pass
2	5933.666	56.81	68.2	11.39	Peak	252.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.500	56.53	68.2	11.67	Peak	229.00	100	Vertical	Pass
2	5650.000	55.63	68.2	12.57	Peak	257.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.50	68.3	13.80	Peak	250.00	100	Vertical	Pass
2	5943.834	55.66	68.2	12.54	Peak	275.00	100	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.834	61.41	68.2	6.79	Peak	228.00	200	Vertical	Pass
2	5650.000	57.98	68.2	10.22	Peak	265.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	58.91	68.3	9.39	Peak	218.00	100	Vertical	Pass
2	5928.667	59.69	68.2	8.51	Peak	214.00	200	Vertical	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	5637.500	55.67	68.2	12.53	Peak	237.00	150	Vertical	Pass
2	5650.000	54.88	68.2	13.32	Peak	237.00	200	Vertical	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	5924.833	54.22	68.3	14.08	Peak	90.00	150	Vertical	Pass
2	5945.000	55.89	68.2	12.31	Peak	250.00	100	Vertical	Pass

U-NII-3 11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.166	56.94	68.2	11.26	Peak	233.00	150	Vertical	Pass
2	5650.000	55.02	68.2	13.18	Peak	268.00	150	Vertical	Pass

U-NII-3 11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	54.73	68.3	13.57	Peak	216.00	100	Vertical	Pass
2	5947.167	55.66	68.2	12.54	Peak	221.00	150	Vertical	Pass

U-NII-3 11ax80(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.166	62.44	68.2	5.76	Peak	227.00	200	Vertical	Pass
2	5650.000	58.83	68.2	9.37	Peak	227.00	150	Vertical	Pass

U-NII-3 11ax80(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.833	56.87	68.3	11.43	Peak	271.00	200	Vertical	Pass
2	5928.000	58.38	68.2	9.82	Peak	271.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2550701-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2550701-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2550701-AI.PDF”.

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