TEST REPORT

Applicant:	HSH Management Services Ltd.
Address:	1/F, United Factory Building, 50 Heung Yip Road, Aberdeen, Hong Kong, China
Equipment Type:	Remote Control Set
Model Name:	RC-2501-HW
Brand Name:	THE PENINSULA
FCC ID:	2BCFP-RC-2501-HW
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jun. 10, 2025
Test Date:	Jun. 17, 2025 - Jul. 01, 2025
Date of Issue:	Jul. 16, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yang Wenxuan **Checked by:** Ye Hongji **Approved by:** Sunny Zou (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 16, 2025	Initial Issue

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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	HSH Management Services Ltd.
Address	1/F, United Factory Building, 50 Heung Yip Road, Aberdeen, Hong Kong, China

2.2 Manufacturer Information

Manufacturer	HSUN WEALTH TECHNOLOGY CO., LTD
Address	11F, NO.49, SEC.1, QINGFENG RD., ZHONGLI DIST., TAOYUAN CITY 320, TAIWAN

2.3 General Description for Equipment under Test (EUT)

EUT Name	Remote Control Set
Model Name Under Test	RC-2501-HW
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.2
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
Note: RC-2501-HW contain Remote Control: RC-2501-RC-HW, Charging Dock: RC-2501-DK-HW and Cable: RC-2501-CB-HW.	

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11b, 802.11g, 802.11n and 802.11ac QI (Only RX)

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
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 26.85 mW U-NII-3: 12.82 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.40 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.98 dBi
About the Product	The equipment is Remote Control Set, intended for used with information technology equipment.

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

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**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)

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)

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)

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

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 Channel	U-NII-3 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
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
6 dB 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
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
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
Band Edge (Restricted-band)	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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	46% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+16.8℃ to +26.8℃
Working Voltage of the EUT	NV (Normal Voltage)	5.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
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	MY50531259	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	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
				2024.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	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.

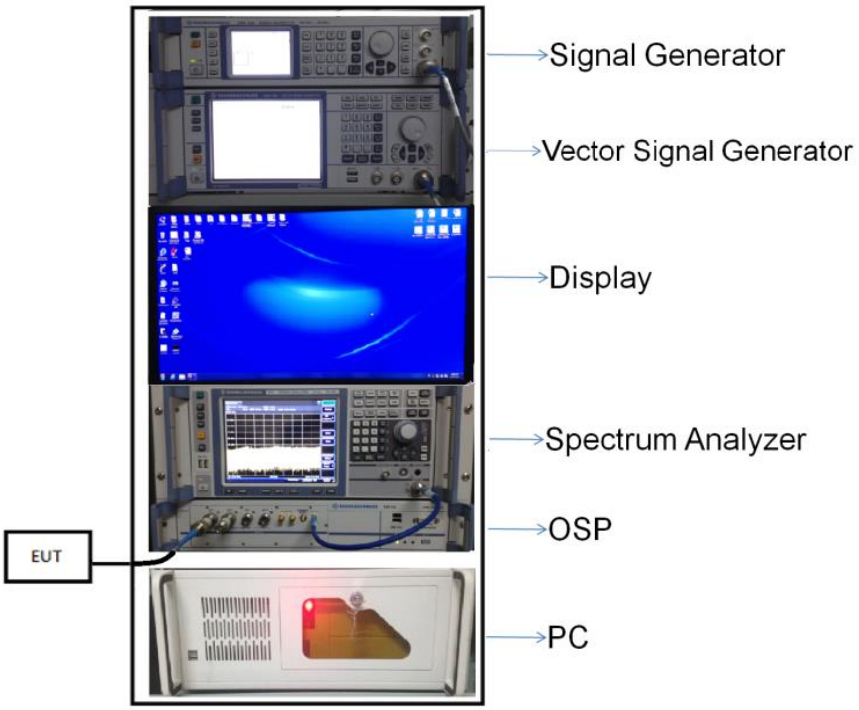
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

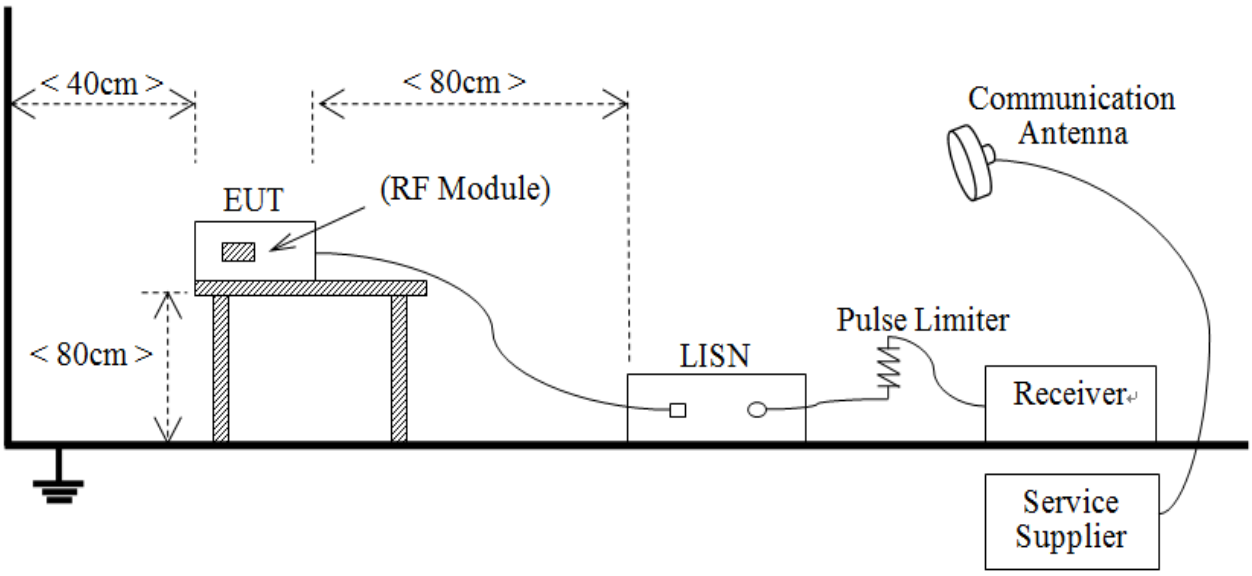
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



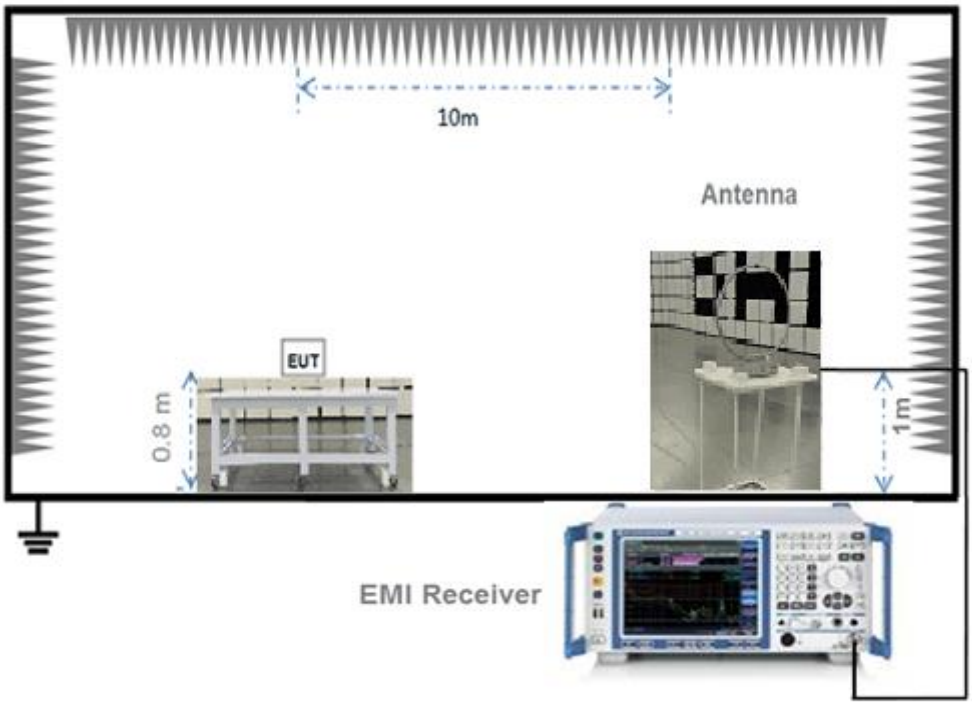
(Diagram 1)

4.5.2 For AC Power Supply Port Test



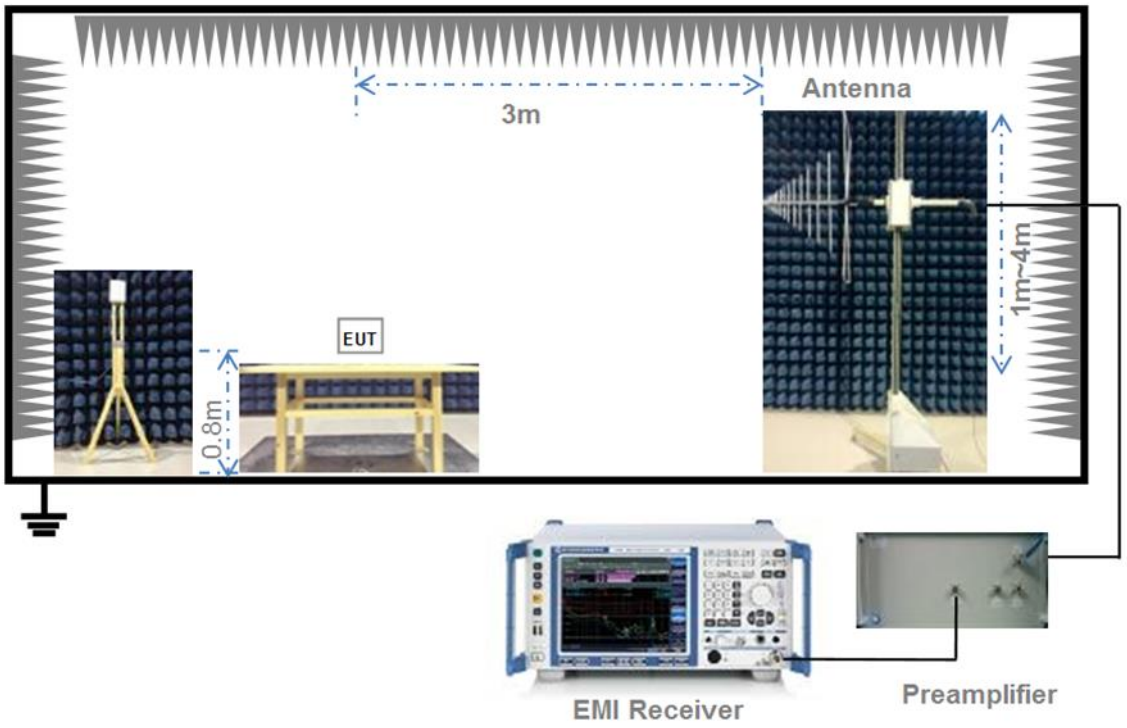
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



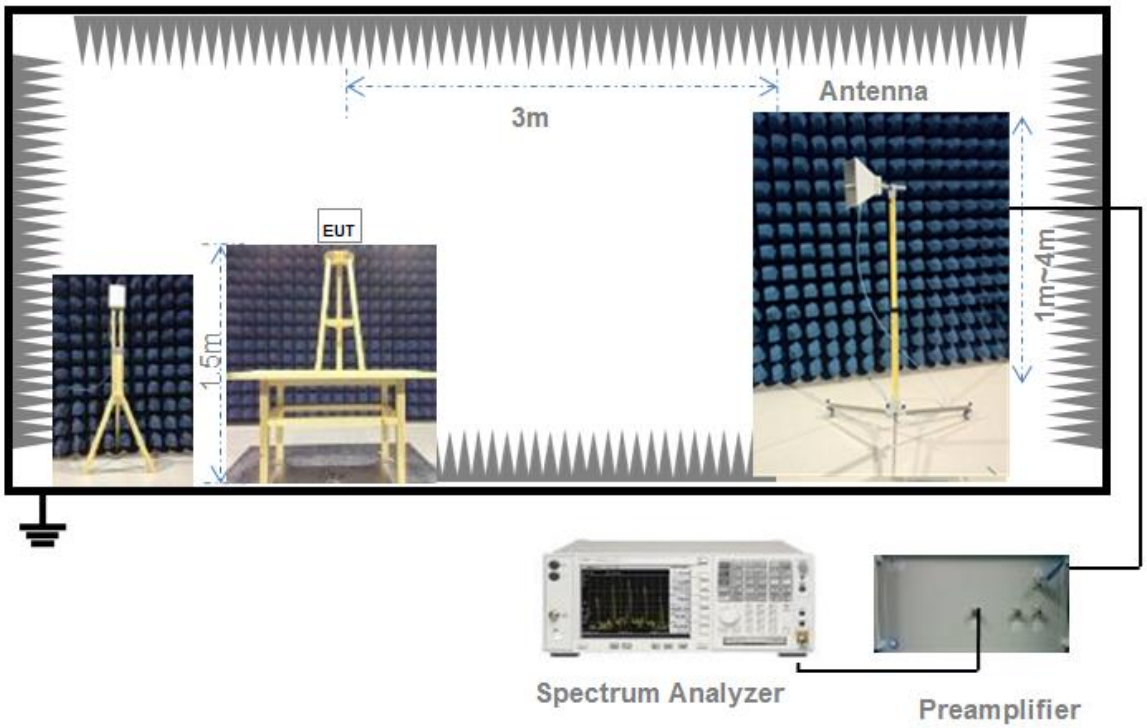
(Diagram 3)

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 ≥ 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 ≤ 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 ≥ 3*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 ≥ 3*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 ≥ 3*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 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	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 (μV/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

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/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 ≥ 3 x 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 ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ 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	1.39	1.44	96.80%	0.14
11n(HT20)	1.39	1.44	96.80%	0.14
11n(HT40)	1.39	1.44	96.80%	0.14
11ac(VHT20)	1.39	1.44	97.08%	0.13
11ac(VHT40)	1.39	1.44	96.94%	0.14
11ac(VHT80)	1.39	1.44	96.80%	0.14

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.29	26.85	250	Pass
11a	CH44	14.21	26.36	250	Pass
11a	CH48	14.17	26.12	250	Pass
11n(HT20)	CH36	14.28	26.79	250	Pass
11n(HT20)	CH44	14.12	25.82	250	Pass
11n(HT20)	CH48	14.03	25.29	250	Pass
11n(HT40)	CH38	14.10	25.70	250	Pass
11n(HT40)	CH46	13.88	24.43	250	Pass
11ac(VHT20)	CH36	14.27	26.73	250	Pass
11ac(VHT20)	CH44	14.26	26.67	250	Pass
11ac(VHT20)	CH48	14.17	26.12	250	Pass
11ac(VHT40)	CH38	14.10	25.70	250	Pass
11ac(VHT40)	CH46	14.06	25.47	250	Pass
11ac(VHT80)	CH42	14.16	26.06	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.05	12.74	1000	Pass
11a	CH157	11.08	12.82	1000	Pass
11a	CH165	11.05	12.74	1000	Pass
11n(HT20)	CH149	11.07	12.79	1000	Pass
11n(HT20)	CH157	11.08	12.82	1000	Pass
11n(HT20)	CH165	11.01	12.62	1000	Pass
11n(HT40)	CH151	10.80	12.02	1000	Pass
11n(HT40)	CH159	10.85	12.16	1000	Pass
11ac(VHT20)	CH149	11.02	12.65	1000	Pass
11ac(VHT20)	CH157	11.01	12.62	1000	Pass
11ac(VHT20)	CH165	10.98	12.53	1000	Pass
11ac(VHT40)	CH151	10.80	12.02	1000	Pass
11ac(VHT40)	CH159	10.82	12.08	1000	Pass
11ac(VHT80)	CH155	10.98	12.53	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2560204-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.46	16.46
11a	CH44	16.48	16.46
11a	CH48	16.49	16.49
11n(HT20)	CH36	16.46	16.45
11n(HT20)	CH44	16.52	16.46
11n(HT20)	CH48	16.49	16.46
11n(HT40)	CH38	36.81	36.27
11n(HT40)	CH46	36.61	36.30
11ac(VHT20)	CH36	16.46	16.44
11ac(VHT20)	CH44	16.49	16.50
11ac(VHT20)	CH48	16.50	16.48
11ac(VHT40)	CH38	36.28	36.27
11ac(VHT40)	CH46	36.75	36.27
11ac(VHT80)	CH42	76..05	75.92

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16..49	16.48
11a	CH157	16.51	16.49
11a	CH165	16.64	16.55
11n(HT20)	CH149	16.49	16.47
11n(HT20)	CH157	16.53	16.48
11n(HT20)	CH165	16.47	16.54
11n(HT40)	CH151	36.85	36.33
11n(HT40)	CH159	37.40	36.48
11ac(VHT20)	CH149	16.48	16.47
11ac(VHT20)	CH157	16.48	16.46
11ac(VHT20)	CH165	16.59	16.55
11ac(VHT40)	CH151	36.82	36.32
11ac(VHT40)	CH159	37.43	36.43
11ac(VHT80)	CH155	76.15	76.11

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2560204-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	14.80	500.00	Pass
11a	CH157	14.80	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	14.40	500.00	Pass
11n(HT40)	CH151	34.00	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	13.50	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.30	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2560204-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	3.28	11.00	Pass
11a	CH44	3.28	11.00	Pass
11a	CH48	3.13	11.00	Pass
11n(HT20)	CH36	3.30	11.00	Pass
11n(HT20)	CH44	3.23	11.00	Pass
11n(HT20)	CH48	3.28	11.00	Pass
11n(HT40)	CH38	0.26	11.00	Pass
11n(HT40)	CH46	0.33	11.00	Pass
11ac(VHT20)	CH36	3.49	11.00	Pass
11ac(VHT20)	CH44	3.30	11.00	Pass
11ac(VHT20)	CH48	3.20	11.00	Pass
11ac(VHT40)	CH38	0.56	11.00	Pass
11ac(VHT40)	CH46	0.38	11.00	Pass
11ac(VHT80)	CH42	-2.32	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-2.32	30.00	Pass
11a	CH157	-2.45	30.00	Pass
11a	CH165	-2.48	30.00	Pass
11n(HT20)	CH149	-2.36	30.00	Pass
11n(HT20)	CH157	-2.48	30.00	Pass
11n(HT20)	CH165	-2.56	30.00	Pass
11n(HT40)	CH151	-5.40	30.00	Pass
11n(HT40)	CH159	-5.48	30.00	Pass
11ac(VHT20)	CH149	-2.35	30.00	Pass
11ac(VHT20)	CH157	-2.56	30.00	Pass
11ac(VHT20)	CH165	-2.39	30.00	Pass
11ac(VHT40)	CH151	-5.29	30.00	Pass
11ac(VHT40)	CH159	-5.60	30.00	Pass
11ac(VHT80)	CH155	-8.31	30.00	Pass

A.5 Conducted Emissions

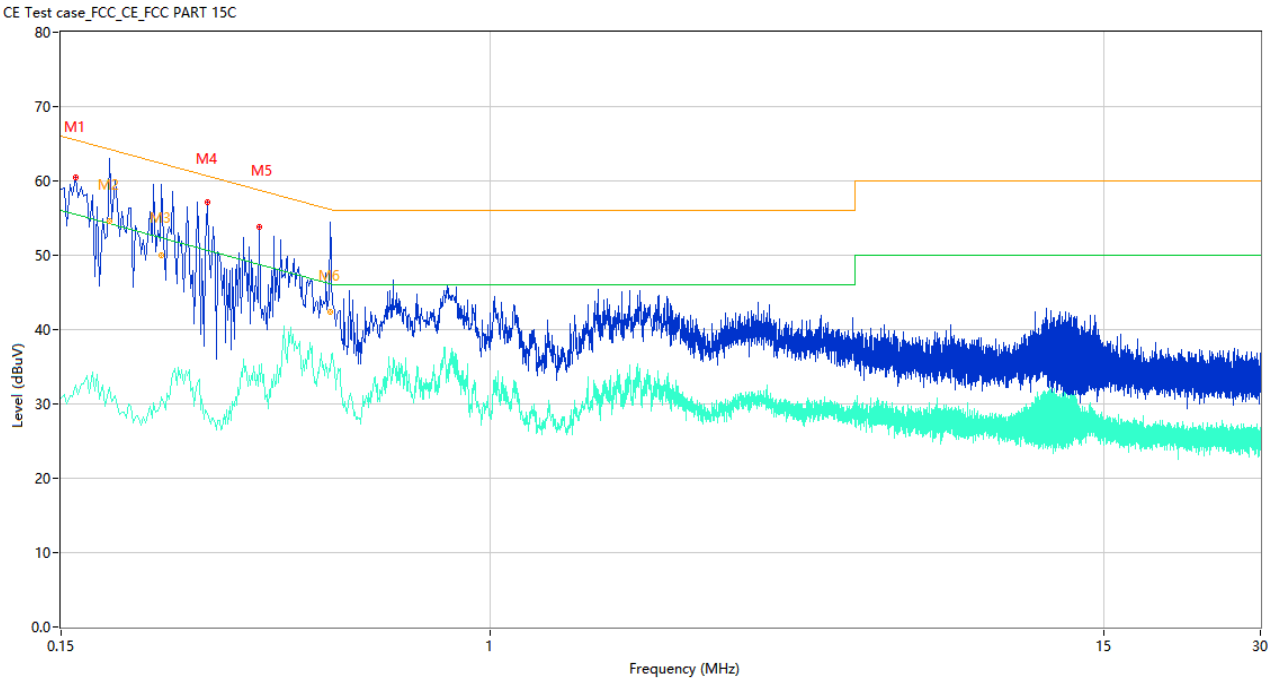
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

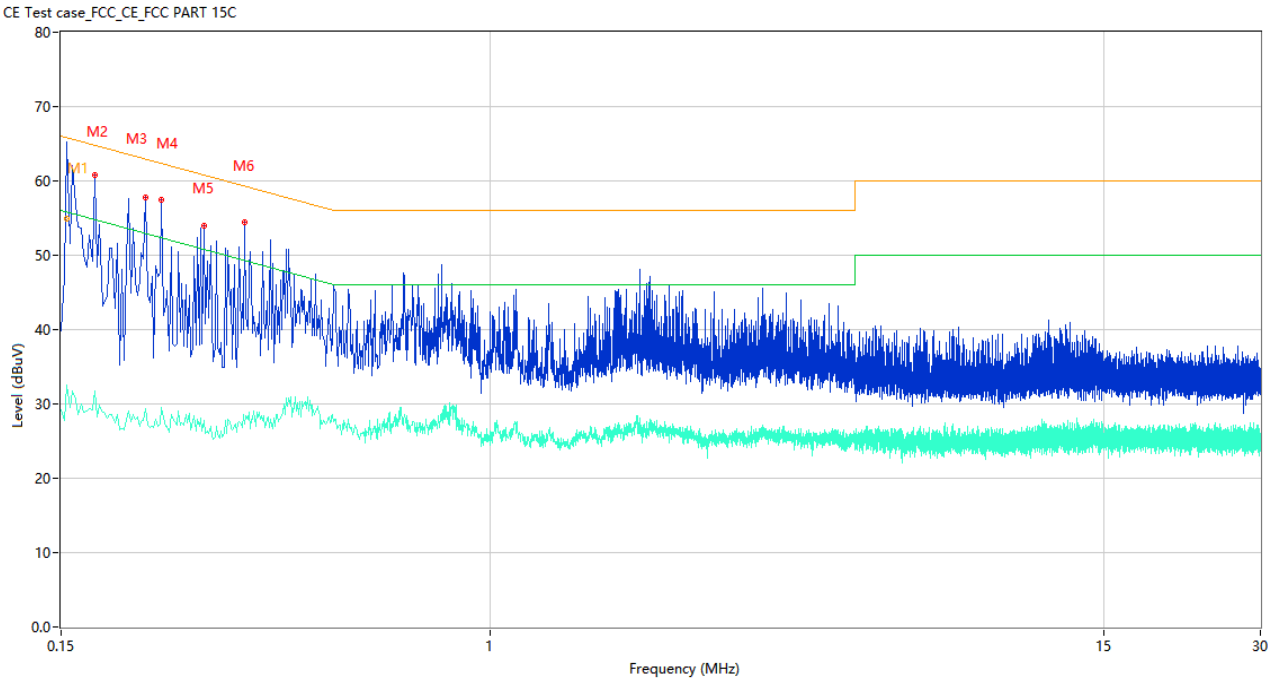
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	60.48	9.85	65.46	4.98	Peak	L	Pass
1**	0.160	32.62	9.85	55.46	22.84	AV	L	Pass
2	0.186	69.72	9.84	64.21	-5.51	Peak	L	N/A
2*	0.186	54.57	9.84	64.21	9.64	QP	L	Pass
2**	0.186	32.27	9.84	54.21	21.94	AV	L	Pass
3	0.234	61.70	9.83	62.31	0.61	Peak	L	N/A
3*	0.234	50.07	9.83	62.31	12.24	QP	L	Pass
3**	0.234	31.03	9.83	52.31	21.28	AV	L	Pass
4	0.286	57.07	9.82	60.64	3.57	Peak	L	Pass
4**	0.286	28.69	9.82	50.64	21.95	AV	L	Pass
5	0.360	53.74	10.78	58.73	4.99	Peak	L	Pass
5**	0.360	35.28	10.78	48.73	13.45	AV	L	Pass
6	0.492	50.54	10.05	56.13	5.59	Peak	L	N/A
6*	0.492	42.43	10.05	56.13	13.70	QP	L	Pass
6**	0.492	34.47	10.05	46.13	11.66	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	67.42	9.86	65.78	-1.64	Peak	N	N/A
1*	0.154	54.90	9.86	65.78	10.88	QP	N	Pass
1**	0.154	32.60	9.86	55.78	23.18	AV	N	Pass
2	0.174	60.79	9.85	64.77	3.98	Peak	N	Pass
2**	0.174	31.71	9.85	54.77	23.06	AV	N	Pass
3	0.218	57.82	9.84	62.89	5.07	Peak	N	Pass
3**	0.218	29.44	9.84	52.89	23.45	AV	N	Pass
4	0.234	57.51	9.83	62.31	4.80	Peak	N	Pass
4**	0.234	29.49	9.83	52.31	22.82	AV	N	Pass
5	0.282	53.97	9.82	60.76	6.79	Peak	N	Pass
5**	0.282	27.83	9.82	50.76	22.93	AV	N	Pass
6	0.338	54.48	10.58	59.25	4.77	Peak	N	Pass
6**	0.338	27.23	10.58	49.25	22.02	AV	N	Pass

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

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

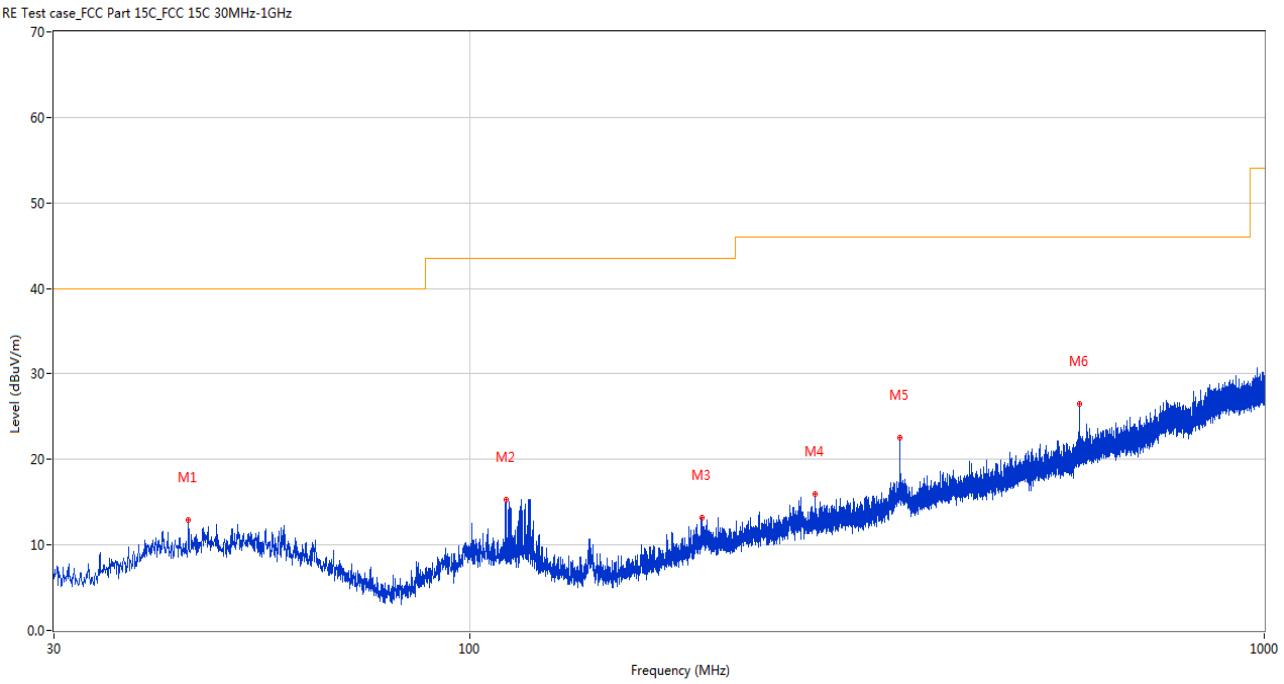
Note [2]: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

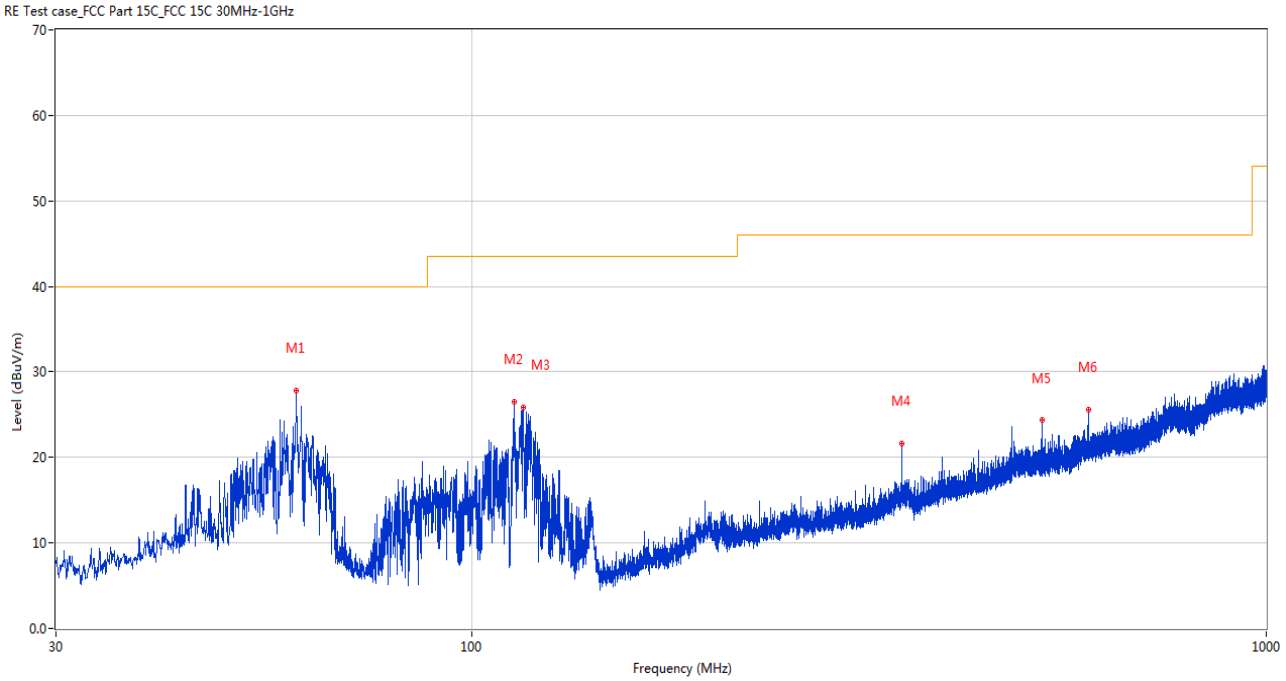
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.307	12.92	-25.44	40.0	27.08	Peak	304.10	100	Horizontal	Pass
2	111.092	15.31	-26.92	43.5	28.19	Peak	195.50	100	Horizontal	Pass
3	195.870	13.21	-25.72	43.5	30.29	Peak	94.80	100	Horizontal	Pass
4	271.918	15.92	-23.73	46.0	30.08	Peak	300.90	100	Horizontal	Pass
5	348.014	22.56	-21.13	46.0	23.44	Peak	342.20	100	Horizontal	Pass
6	585.034	26.51	-15.71	46.0	19.49	Peak	139.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	60.167	27.76	-25.92	40.0	12.24	Peak	1.40	100	Vertical	Pass
2	113.274	26.48	-27.12	43.5	17.02	Peak	108.50	100	Vertical	Pass
3	116.233	25.78	-27.46	43.5	17.72	Peak	329.80	100	Vertical	Pass
4	348.063	21.63	-21.13	46.0	24.37	Peak	15.90	100	Vertical	Pass
5	522.032	24.33	-17.69	46.0	21.67	Peak	181.90	100	Vertical	Pass
6	597.984	25.57	-15.18	46.0	20.43	Peak	308.70	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.344	38.63	74.0	35.37	Peak	2.00	400	Horizontal	Pass
1**	1515.344	28.20	54.0	25.80	AV	2.00	400	Horizontal	Pass
2	2351.755	46.42	74.0	27.58	Peak	197.00	400	Horizontal	Pass
2**	2351.755	38.26	54.0	15.74	AV	197.00	400	Horizontal	Pass
3	4201.590	48.29	74.0	25.71	Peak	332.00	200	Horizontal	Pass
3**	4201.590	36.91	54.0	17.09	AV	332.00	200	Horizontal	Pass
4	7432.243	53.25	74.0	20.75	Peak	316.00	200	Horizontal	Pass
4**	7432.243	41.92	54.0	12.08	AV	316.00	200	Horizontal	Pass
5	12515.241	53.58	74.0	20.42	Peak	299.00	300	Horizontal	Pass
5**	12515.241	44.57	54.0	9.43	AV	299.00	300	Horizontal	Pass
6	16143.731	56.30	74.0	17.70	Peak	193.00	400	Horizontal	Pass
6**	16143.731	46.25	54.0	7.75	AV	193.00	400	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	1567.678	38.65	74.0	35.35	Peak	83.00	300	Vertical	Pass
1**	1567.678	28.85	54.0	25.15	AV	83.00	300	Vertical	Pass
2	2349.525	43.74	74.0	30.26	Peak	360.00	100	Vertical	Pass
2**	2349.525	33.19	54.0	20.81	AV	360.00	100	Vertical	Pass
3	3919.759	45.20	74.0	28.80	Peak	112.00	200	Vertical	Pass
3**	3919.759	35.18	54.0	18.82	AV	112.00	200	Vertical	Pass
4	7679.341	53.64	74.0	20.36	Peak	39.00	300	Vertical	Pass
4**	7679.341	46.49	54.0	7.51	AV	39.00	300	Vertical	Pass
5	12530.283	55.66	74.0	18.34	Peak	88.00	400	Vertical	Pass
5**	12530.283	44.06	54.0	9.94	AV	88.00	400	Vertical	Pass
6	15382.103	54.30	74.0	19.70	Peak	33.00	200	Vertical	Pass
6**	15382.103	41.97	54.0	12.03	AV	33.00	200	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	1509.592	39.36	74.0	34.64	Peak	182.00	400	Horizontal	Pass
1**	1509.592	29.36	54.0	24.64	AV	182.00	400	Horizontal	Pass
2	2349.161	43.32	74.0	30.68	Peak	335.00	400	Horizontal	Pass
2**	2349.161	34.83	54.0	19.17	AV	335.00	400	Horizontal	Pass
3	4206.499	46.24	74.0	27.76	Peak	84.00	200	Horizontal	Pass
3**	4206.499	37.17	54.0	16.83	AV	84.00	200	Horizontal	Pass
4	7435.359	52.98	74.0	21.02	Peak	181.00	100	Horizontal	Pass
4**	7435.359	43.23	54.0	10.77	AV	181.00	100	Horizontal	Pass
5	12521.395	55.05	74.0	18.95	Peak	5.00	200	Horizontal	Pass
5**	12521.395	49.77	54.0	4.23	AV	5.00	200	Horizontal	Pass
6	16145.527	56.20	74.0	17.80	Peak	99.00	100	Horizontal	Pass
6**	16145.527	43.05	54.0	10.95	AV	99.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.163	35.93	74.0	38.07	Peak	153.00	300	Vertical	Pass
1**	1571.163	29.22	54.0	24.78	AV	153.00	300	Vertical	Pass
2	2346.022	43.06	74.0	30.94	Peak	82.00	400	Vertical	Pass
2**	2346.022	33.98	54.0	20.02	AV	82.00	400	Vertical	Pass
3	3919.807	47.23	74.0	26.77	Peak	102.00	200	Vertical	Pass
3**	3919.807	37.12	54.0	16.88	AV	102.00	200	Vertical	Pass
4	7680.579	49.83	74.0	24.17	Peak	16.00	200	Vertical	Pass
4**	7680.579	43.52	54.0	10.48	AV	16.00	200	Vertical	Pass
5	12529.073	57.85	74.0	16.15	Peak	81.00	100	Vertical	Pass
5**	12529.073	41.42	54.0	12.58	AV	81.00	100	Vertical	Pass
6	15380.901	50.72	74.0	23.28	Peak	89.00	200	Vertical	Pass
6**	15380.901	46.32	54.0	7.68	AV	89.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.827	41.68	74.0	32.32	Peak	137.00	200	Horizontal	Pass
1**	1512.827	31.79	54.0	22.21	AV	137.00	200	Horizontal	Pass
2	2346.414	43.33	74.0	30.67	Peak	104.00	300	Horizontal	Pass
2**	2346.414	40.09	54.0	13.91	AV	104.00	300	Horizontal	Pass
3	4207.382	50.22	74.0	23.78	Peak	86.00	200	Horizontal	Pass
3**	4207.382	39.51	54.0	14.49	AV	86.00	200	Horizontal	Pass
4	7436.350	56.51	74.0	17.49	Peak	149.00	300	Horizontal	Pass
4**	7436.350	41.31	54.0	12.69	AV	149.00	300	Horizontal	Pass
5	12520.468	56.17	74.0	17.83	Peak	185.00	100	Horizontal	Pass
5**	12520.468	49.35	54.0	4.65	AV	185.00	100	Horizontal	Pass
6	16146.777	55.21	74.0	18.79	Peak	255.00	200	Horizontal	Pass
6**	16146.777	44.29	54.0	9.71	AV	255.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.149	39.25	74.0	34.75	Peak	111.00	200	Vertical	Pass
1**	1567.149	25.39	54.0	28.61	AV	111.00	200	Vertical	Pass
2	2348.778	46.06	74.0	27.94	Peak	173.00	400	Vertical	Pass
2**	2348.778	32.22	54.0	21.78	AV	173.00	400	Vertical	Pass
3	3915.956	43.55	74.0	30.45	Peak	249.00	200	Vertical	Pass
3**	3915.956	34.40	54.0	19.60	AV	249.00	200	Vertical	Pass
4	7678.878	54.15	74.0	19.85	Peak	357.00	400	Vertical	Pass
4**	7678.878	43.23	54.0	10.77	AV	357.00	400	Vertical	Pass
5	12526.970	58.27	74.0	15.73	Peak	304.00	100	Vertical	Pass
5**	12526.970	41.89	54.0	12.11	AV	304.00	100	Vertical	Pass
6	15378.300	53.53	74.0	20.47	Peak	202.00	100	Vertical	Pass
6**	15378.300	43.67	54.0	10.33	AV	202.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.179	36.81	74.0	37.19	Peak	169.00	400	Horizontal	Pass
1**	1512.179	26.98	54.0	27.02	AV	169.00	400	Horizontal	Pass
2	2345.128	45.65	74.0	28.35	Peak	312.00	400	Horizontal	Pass
2**	2345.128	36.66	54.0	17.34	AV	312.00	400	Horizontal	Pass
3	4202.019	45.98	74.0	28.02	Peak	18.00	200	Horizontal	Pass
3**	4202.019	34.90	54.0	19.10	AV	18.00	200	Horizontal	Pass
4	7435.516	52.03	74.0	21.97	Peak	360.00	200	Horizontal	Pass
4**	7435.516	41.43	54.0	12.57	AV	360.00	200	Horizontal	Pass
5	12519.898	54.27	74.0	19.73	Peak	53.00	400	Horizontal	Pass
5**	12519.898	47.73	54.0	6.27	AV	53.00	400	Horizontal	Pass
6	16149.155	51.85	74.0	22.15	Peak	12.00	200	Horizontal	Pass
6**	16149.155	45.76	54.0	8.24	AV	12.00	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	1573.725	34.59	74.0	39.41	Peak	107.00	300	Vertical	Pass
1**	1573.725	29.21	54.0	24.79	AV	107.00	300	Vertical	Pass
2	2351.005	43.58	74.0	30.42	Peak	212.00	300	Vertical	Pass
2**	2351.005	35.54	54.0	18.46	AV	212.00	300	Vertical	Pass
3	3915.047	43.11	74.0	30.89	Peak	308.00	200	Vertical	Pass
3**	3915.047	34.38	54.0	19.62	AV	308.00	200	Vertical	Pass
4	7682.793	52.48	74.0	21.52	Peak	52.00	400	Vertical	Pass
4**	7682.793	42.94	54.0	11.06	AV	52.00	400	Vertical	Pass
5	12527.167	56.65	74.0	17.35	Peak	295.00	400	Vertical	Pass
5**	12527.167	41.22	54.0	12.78	AV	295.00	400	Vertical	Pass
6	15384.324	52.42	74.0	21.58	Peak	192.00	400	Vertical	Pass
6**	15384.324	45.89	54.0	8.11	AV	192.00	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	1509.847	41.92	74.0	32.08	Peak	334.00	200	Horizontal	Pass
1**	1509.847	31.03	54.0	22.97	AV	334.00	200	Horizontal	Pass
2	2349.208	43.69	74.0	30.31	Peak	262.00	100	Horizontal	Pass
2**	2349.208	35.62	54.0	18.38	AV	262.00	100	Horizontal	Pass
3	4208.432	47.27	74.0	26.73	Peak	26.00	200	Horizontal	Pass
3**	4208.432	36.62	54.0	17.38	AV	26.00	200	Horizontal	Pass
4	7433.347	57.27	74.0	16.73	Peak	223.00	100	Horizontal	Pass
4**	7433.347	44.02	54.0	9.98	AV	223.00	100	Horizontal	Pass
5	12518.099	54.40	74.0	19.60	Peak	181.00	100	Horizontal	Pass
5**	12518.099	46.11	54.0	7.89	AV	181.00	100	Horizontal	Pass
6	16149.059	55.01	74.0	18.99	Peak	56.00	400	Horizontal	Pass
6**	16149.059	44.48	54.0	9.52	AV	56.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.601	33.69	74.0	40.31	Peak	215.00	100	Vertical	Pass
1**	1570.601	29.45	54.0	24.55	AV	215.00	100	Vertical	Pass
2	2344.484	46.15	74.0	27.85	Peak	354.00	200	Vertical	Pass
2**	2344.484	32.21	54.0	21.79	AV	354.00	200	Vertical	Pass
3	3918.857	45.42	74.0	28.58	Peak	230.00	200	Vertical	Pass
3**	3918.857	37.51	54.0	16.49	AV	230.00	200	Vertical	Pass
4	7678.718	53.72	74.0	20.28	Peak	64.00	100	Vertical	Pass
4**	7678.718	46.55	54.0	7.45	AV	64.00	100	Vertical	Pass
5	12531.988	55.39	74.0	18.61	Peak	281.00	300	Vertical	Pass
5**	12531.988	44.94	54.0	9.06	AV	281.00	300	Vertical	Pass
6	15382.652	50.52	74.0	23.48	Peak	266.00	100	Vertical	Pass
6**	15382.652	42.36	54.0	11.64	AV	266.00	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	1508.905	40.41	74.0	33.59	Peak	265.00	200	Horizontal	Pass
1**	1508.905	32.13	54.0	21.87	AV	265.00	200	Horizontal	Pass
2	2345.520	45.35	74.0	28.65	Peak	328.00	100	Horizontal	Pass
2**	2345.520	37.77	54.0	16.23	AV	328.00	100	Horizontal	Pass
3	4205.407	49.98	74.0	24.02	Peak	74.00	200	Horizontal	Pass
3**	4205.407	36.11	54.0	17.89	AV	74.00	200	Horizontal	Pass
4	7434.262	55.30	74.0	18.70	Peak	277.00	200	Horizontal	Pass
4**	7434.262	43.77	54.0	10.23	AV	277.00	200	Horizontal	Pass
5	12521.168	56.39	74.0	17.61	Peak	15.00	100	Horizontal	Pass
5**	12521.168	47.65	54.0	6.35	AV	15.00	100	Horizontal	Pass
6	16144.925	55.19	74.0	18.81	Peak	306.00	100	Horizontal	Pass
6**	16144.925	42.02	54.0	11.98	AV	306.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.228	37.87	74.0	36.13	Peak	204.00	200	Vertical	Pass
1**	1568.228	28.59	54.0	25.41	AV	204.00	200	Vertical	Pass
2	2350.344	45.08	74.0	28.92	Peak	88.00	200	Vertical	Pass
2**	2350.344	35.25	54.0	18.75	AV	88.00	200	Vertical	Pass
3	3914.140	41.92	74.0	32.08	Peak	80.00	200	Vertical	Pass
3**	3914.140	34.31	54.0	19.69	AV	80.00	200	Vertical	Pass
4	7683.518	54.51	74.0	19.49	Peak	78.00	400	Vertical	Pass
4**	7683.518	45.86	54.0	8.14	AV	78.00	400	Vertical	Pass
5	12533.317	53.06	74.0	20.94	Peak	119.00	200	Vertical	Pass
5**	12533.317	42.38	54.0	11.62	AV	119.00	200	Vertical	Pass
6	15381.323	53.15	74.0	20.85	Peak	186.00	200	Vertical	Pass
6**	15381.323	44.45	54.0	9.55	AV	186.00	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	1514.235	40.20	74.0	33.80	Peak	52.00	400	Horizontal	Pass
1**	1514.235	31.38	54.0	22.62	AV	52.00	400	Horizontal	Pass
2	2347.648	42.88	74.0	31.12	Peak	166.00	400	Horizontal	Pass
2**	2347.648	40.00	54.0	14.00	AV	166.00	400	Horizontal	Pass
3	4201.537	46.26	74.0	27.74	Peak	248.00	200	Horizontal	Pass
3**	4201.537	39.37	54.0	14.63	AV	248.00	200	Horizontal	Pass
4	7431.859	51.66	74.0	22.34	Peak	61.00	200	Horizontal	Pass
4**	7431.859	45.69	54.0	8.31	AV	61.00	200	Horizontal	Pass
5	12520.898	54.28	74.0	19.72	Peak	331.00	100	Horizontal	Pass
5**	12520.898	47.07	54.0	6.93	AV	331.00	100	Horizontal	Pass
6	16148.618	52.24	74.0	21.76	Peak	142.00	200	Horizontal	Pass
6**	16148.618	43.00	54.0	11.00	AV	142.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.225	35.67	74.0	38.33	Peak	358.00	300	Vertical	Pass
1**	1568.225	24.97	54.0	29.03	AV	358.00	300	Vertical	Pass
2	2348.411	43.64	74.0	30.36	Peak	202.00	200	Vertical	Pass
2**	2348.411	32.38	54.0	21.62	AV	202.00	200	Vertical	Pass
3	3917.269	45.58	74.0	28.42	Peak	157.00	200	Vertical	Pass
3**	3917.269	34.64	54.0	19.36	AV	157.00	200	Vertical	Pass
4	7684.162	50.86	74.0	23.14	Peak	283.00	100	Vertical	Pass
4**	7684.162	45.96	54.0	8.04	AV	283.00	100	Vertical	Pass
5	12526.350	55.97	74.0	18.03	Peak	19.00	200	Vertical	Pass
5**	12526.350	43.63	54.0	10.37	AV	19.00	200	Vertical	Pass
6	15379.556	50.22	74.0	23.78	Peak	227.00	400	Vertical	Pass
6**	15379.556	45.29	54.0	8.71	AV	227.00	400	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	1508.118	37.10	74.0	36.90	Peak	108.00	400	Horizontal	Pass
1**	1508.118	32.00	54.0	22.00	AV	108.00	400	Horizontal	Pass
2	2347.107	47.13	74.0	26.87	Peak	297.00	200	Horizontal	Pass
2**	2347.107	37.80	54.0	16.20	AV	297.00	200	Horizontal	Pass
3	4208.032	46.89	74.0	27.11	Peak	75.00	200	Horizontal	Pass
3**	4208.032	35.37	54.0	18.63	AV	75.00	200	Horizontal	Pass
4	7435.062	53.53	74.0	20.47	Peak	217.00	400	Horizontal	Pass
4**	7435.062	41.83	54.0	12.17	AV	217.00	400	Horizontal	Pass
5	12516.278	56.29	74.0	17.71	Peak	86.00	200	Horizontal	Pass
5**	12516.278	47.32	54.0	6.68	AV	86.00	200	Horizontal	Pass
6	16144.851	54.54	74.0	19.46	Peak	172.00	400	Horizontal	Pass
6**	16144.851	42.40	54.0	11.60	AV	172.00	400	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	1572.163	35.30	74.0	38.70	Peak	186.00	100	Vertical	Pass
1**	1572.163	24.88	54.0	29.12	AV	186.00	100	Vertical	Pass
2	2345.404	42.08	74.0	31.92	Peak	269.00	200	Vertical	Pass
2**	2345.404	31.94	54.0	22.06	AV	269.00	200	Vertical	Pass
3	3915.329	47.12	74.0	26.88	Peak	190.00	200	Vertical	Pass
3**	3915.329	35.26	54.0	18.74	AV	190.00	200	Vertical	Pass
4	7676.656	50.11	74.0	23.89	Peak	118.00	100	Vertical	Pass
4**	7676.656	44.41	54.0	9.59	AV	118.00	100	Vertical	Pass
5	12527.456	56.22	74.0	17.78	Peak	282.00	200	Vertical	Pass
5**	12527.456	42.87	54.0	11.13	AV	282.00	200	Vertical	Pass
6	15378.525	53.36	74.0	20.64	Peak	349.00	200	Vertical	Pass
6**	15378.525	43.17	54.0	10.83	AV	349.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.587	39.83	74.0	34.17	Peak	200.00	300	Horizontal	Pass
1**	1509.587	27.19	54.0	26.81	AV	200.00	300	Horizontal	Pass
2	2348.152	45.58	74.0	28.42	Peak	46.00	400	Horizontal	Pass
2**	2348.152	38.74	54.0	15.26	AV	46.00	400	Horizontal	Pass
3	4202.078	47.23	74.0	26.77	Peak	115.00	200	Horizontal	Pass
3**	4202.078	40.80	54.0	13.20	AV	115.00	200	Horizontal	Pass
4	7434.042	55.39	74.0	18.61	Peak	302.00	300	Horizontal	Pass
4**	7434.042	42.74	54.0	11.26	AV	302.00	300	Horizontal	Pass
5	12520.637	54.54	74.0	19.46	Peak	348.00	300	Horizontal	Pass
5**	12520.637	49.10	54.0	4.90	AV	348.00	300	Horizontal	Pass
6	16149.340	55.45	74.0	18.55	Peak	333.00	200	Horizontal	Pass
6**	16149.340	42.51	54.0	11.49	AV	333.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.492	35.03	74.0	38.97	Peak	304.00	400	Vertical	Pass
1**	1569.492	27.78	54.0	26.22	AV	304.00	400	Vertical	Pass
2	2350.528	46.92	74.0	27.08	Peak	142.00	400	Vertical	Pass
2**	2350.528	34.61	54.0	19.39	AV	142.00	400	Vertical	Pass
3	3914.858	45.63	74.0	28.37	Peak	128.00	200	Vertical	Pass
3**	3914.858	36.59	54.0	17.41	AV	128.00	200	Vertical	Pass
4	7677.775	53.82	74.0	20.18	Peak	264.00	100	Vertical	Pass
4**	7677.775	44.18	54.0	9.82	AV	264.00	100	Vertical	Pass
5	12529.409	56.12	74.0	17.88	Peak	15.00	200	Vertical	Pass
5**	12529.409	40.66	54.0	13.34	AV	15.00	200	Vertical	Pass
6	15379.897	51.67	74.0	22.33	Peak	71.00	400	Vertical	Pass
6**	15379.897	42.29	54.0	11.71	AV	71.00	400	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	1515.486	42.17	74.0	31.83	Peak	222.00	300	Horizontal	Pass
1**	1515.486	32.45	54.0	21.55	AV	222.00	300	Horizontal	Pass
2	2347.928	46.57	74.0	27.43	Peak	33.00	100	Horizontal	Pass
2**	2347.928	34.97	54.0	19.03	AV	33.00	100	Horizontal	Pass
3	4203.676	48.90	74.0	25.10	Peak	267.00	200	Horizontal	Pass
3**	4203.676	36.57	54.0	17.43	AV	267.00	200	Horizontal	Pass
4	7431.957	54.46	74.0	19.54	Peak	1.00	300	Horizontal	Pass
4**	7431.957	40.67	54.0	13.33	AV	1.00	300	Horizontal	Pass
5	12519.440	53.68	74.0	20.32	Peak	301.00	300	Horizontal	Pass
5**	12519.440	47.97	54.0	6.03	AV	301.00	300	Horizontal	Pass
6	16148.804	53.02	74.0	20.98	Peak	286.00	400	Horizontal	Pass
6**	16148.804	44.59	54.0	9.41	AV	286.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.529	36.40	74.0	37.60	Peak	52.00	100	Vertical	Pass
1**	1571.529	27.26	54.0	26.74	AV	52.00	100	Vertical	Pass
2	2350.898	46.28	74.0	27.72	Peak	205.00	300	Vertical	Pass
2**	2350.898	35.05	54.0	18.95	AV	205.00	300	Vertical	Pass
3	3920.584	45.44	74.0	28.56	Peak	4.00	200	Vertical	Pass
3**	3920.584	34.38	54.0	19.62	AV	4.00	200	Vertical	Pass
4	7683.812	49.28	74.0	24.72	Peak	310.00	200	Vertical	Pass
4**	7683.812	43.90	54.0	10.10	AV	310.00	200	Vertical	Pass
5	12528.162	55.85	74.0	18.15	Peak	350.00	200	Vertical	Pass
5**	12528.162	41.23	54.0	12.77	AV	350.00	200	Vertical	Pass
6	15385.460	55.79	74.0	18.21	Peak	54.00	400	Vertical	Pass
6**	15385.460	47.12	54.0	6.88	AV	54.00	400	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	1513.584	39.55	74.0	34.45	Peak	163.00	300	Horizontal	Pass
1**	1513.584	26.97	54.0	27.03	AV	163.00	300	Horizontal	Pass
2	2347.199	43.16	74.0	30.84	Peak	348.00	400	Horizontal	Pass
2**	2347.199	37.75	54.0	16.25	AV	348.00	400	Horizontal	Pass
3	4207.592	48.70	74.0	25.30	Peak	60.00	200	Horizontal	Pass
3**	4207.592	39.68	54.0	14.32	AV	60.00	200	Horizontal	Pass
4	7435.011	52.68	74.0	21.32	Peak	217.00	300	Horizontal	Pass
4**	7435.011	42.96	54.0	11.04	AV	217.00	300	Horizontal	Pass
5	12520.800	56.08	74.0	17.92	Peak	352.00	400	Horizontal	Pass
5**	12520.800	47.61	54.0	6.39	AV	352.00	400	Horizontal	Pass
6	16149.661	53.90	74.0	20.10	Peak	233.00	300	Horizontal	Pass
6**	16149.661	43.86	54.0	10.14	AV	233.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.074	38.29	74.0	35.71	Peak	341.00	100	Vertical	Pass
1**	1567.074	28.66	54.0	25.34	AV	341.00	100	Vertical	Pass
2	2346.809	44.52	74.0	29.48	Peak	245.00	300	Vertical	Pass
2**	2346.809	33.85	54.0	20.15	AV	245.00	300	Vertical	Pass
3	3919.640	42.95	74.0	31.05	Peak	269.00	200	Vertical	Pass
3**	3919.640	38.11	54.0	15.89	AV	269.00	200	Vertical	Pass
4	7683.702	52.00	74.0	22.00	Peak	44.00	100	Vertical	Pass
4**	7683.702	45.12	54.0	8.88	AV	44.00	100	Vertical	Pass
5	12527.220	53.47	74.0	20.53	Peak	58.00	400	Vertical	Pass
5**	12527.220	39.84	54.0	14.16	AV	58.00	400	Vertical	Pass
6	15382.282	54.03	74.0	19.97	Peak	315.00	400	Vertical	Pass
6**	15382.282	44.79	54.0	9.21	AV	315.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.260	41.05	74.0	32.95	Peak	164.00	100	Horizontal	Pass
1**	1512.260	28.10	54.0	25.90	AV	164.00	100	Horizontal	Pass
2	2349.520	47.79	74.0	26.21	Peak	125.00	200	Horizontal	Pass
2**	2349.520	34.98	54.0	19.02	AV	125.00	200	Horizontal	Pass
3	4202.691	45.72	74.0	28.28	Peak	344.00	200	Horizontal	Pass
3**	4202.691	39.66	54.0	14.34	AV	344.00	200	Horizontal	Pass
4	7434.377	54.48	74.0	19.52	Peak	13.00	400	Horizontal	Pass
4**	7434.377	45.22	54.0	8.78	AV	13.00	400	Horizontal	Pass
5	12519.817	56.18	74.0	17.82	Peak	136.00	300	Horizontal	Pass
5**	12519.817	44.08	54.0	9.92	AV	136.00	300	Horizontal	Pass
6	16147.645	56.57	74.0	17.43	Peak	269.00	200	Horizontal	Pass
6**	16147.645	44.15	54.0	9.85	AV	269.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.389	34.29	74.0	39.71	Peak	201.00	200	Vertical	Pass
1**	1573.389	23.83	54.0	30.17	AV	201.00	200	Vertical	Pass
2	2344.560	47.04	74.0	26.96	Peak	13.00	300	Vertical	Pass
2**	2344.560	35.79	54.0	18.21	AV	13.00	300	Vertical	Pass
3	3916.838	47.05	74.0	26.95	Peak	353.00	200	Vertical	Pass
3**	3916.838	37.06	54.0	16.94	AV	353.00	200	Vertical	Pass
4	7678.341	52.35	74.0	21.65	Peak	51.00	100	Vertical	Pass
4**	7678.341	45.29	54.0	8.71	AV	51.00	100	Vertical	Pass
5	12531.749	58.16	74.0	15.84	Peak	326.00	100	Vertical	Pass
5**	12531.749	42.29	54.0	11.71	AV	326.00	100	Vertical	Pass
6	15384.410	50.47	74.0	23.53	Peak	142.00	200	Vertical	Pass
6**	15384.410	44.96	54.0	9.04	AV	142.00	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	1510.825	40.82	74.0	33.18	Peak	187.00	300	Horizontal	Pass
1**	1510.825	32.45	54.0	21.55	AV	187.00	300	Horizontal	Pass
2	2350.246	46.19	74.0	27.81	Peak	336.00	400	Horizontal	Pass
2**	2350.246	34.85	54.0	19.15	AV	336.00	400	Horizontal	Pass
3	4203.945	46.03	74.0	27.97	Peak	189.00	200	Horizontal	Pass
3**	4203.945	36.15	54.0	17.85	AV	189.00	200	Horizontal	Pass
4	7430.541	56.34	74.0	17.66	Peak	71.00	300	Horizontal	Pass
4**	7430.541	41.36	54.0	12.64	AV	71.00	300	Horizontal	Pass
5	12518.030	55.49	74.0	18.51	Peak	350.00	100	Horizontal	Pass
5**	12518.030	49.87	54.0	4.13	AV	350.00	100	Horizontal	Pass
6	16144.722	54.82	74.0	19.18	Peak	311.00	200	Horizontal	Pass
6**	16144.722	43.16	54.0	10.84	AV	311.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.868	33.99	74.0	40.01	Peak	137.00	100	Vertical	Pass
1**	1573.868	29.74	54.0	24.26	AV	137.00	100	Vertical	Pass
2	2350.534	42.10	74.0	31.90	Peak	270.00	300	Vertical	Pass
2**	2350.534	35.49	54.0	18.51	AV	270.00	300	Vertical	Pass
3	3915.023	46.88	74.0	27.12	Peak	148.00	200	Vertical	Pass
3**	3915.023	38.62	54.0	15.38	AV	148.00	200	Vertical	Pass
4	7680.560	49.54	74.0	24.46	Peak	289.00	400	Vertical	Pass
4**	7680.560	44.65	54.0	9.35	AV	289.00	400	Vertical	Pass
5	12527.666	56.25	74.0	17.75	Peak	6.00	200	Vertical	Pass
5**	12527.666	45.19	54.0	8.81	AV	6.00	200	Vertical	Pass
6	15385.071	55.67	74.0	18.33	Peak	322.00	400	Vertical	Pass
6**	15385.071	43.65	54.0	10.35	AV	322.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.473	37.06	74.0	36.94	Peak	282.00	100	Horizontal	Pass
1**	1509.473	29.37	54.0	24.63	AV	282.00	100	Horizontal	Pass
2	2350.005	45.01	74.0	28.99	Peak	219.00	300	Horizontal	Pass
2**	2350.005	40.03	54.0	13.97	AV	219.00	300	Horizontal	Pass
3	4207.950	47.29	74.0	26.71	Peak	310.00	200	Horizontal	Pass
3**	4207.950	35.91	54.0	18.09	AV	310.00	200	Horizontal	Pass
4	7432.781	56.42	74.0	17.58	Peak	9.00	400	Horizontal	Pass
4**	7432.781	41.46	54.0	12.54	AV	9.00	400	Horizontal	Pass
5	12516.404	56.09	74.0	17.91	Peak	265.00	200	Horizontal	Pass
5**	12516.404	45.74	54.0	8.26	AV	265.00	200	Horizontal	Pass
6	16144.501	55.81	74.0	18.19	Peak	341.00	300	Horizontal	Pass
6**	16144.501	45.39	54.0	8.61	AV	341.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.651	37.28	74.0	36.72	Peak	15.00	100	Vertical	Pass
1**	1571.651	25.82	54.0	28.18	AV	15.00	100	Vertical	Pass
2	2350.031	42.28	74.0	31.72	Peak	282.00	100	Vertical	Pass
2**	2350.031	33.19	54.0	20.81	AV	282.00	100	Vertical	Pass
3	3918.488	41.82	74.0	32.18	Peak	131.00	200	Vertical	Pass
3**	3918.488	37.22	54.0	16.78	AV	131.00	200	Vertical	Pass
4	7677.867	53.66	74.0	20.34	Peak	274.00	300	Vertical	Pass
4**	7677.867	43.95	54.0	10.05	AV	274.00	300	Vertical	Pass
5	12528.060	58.35	74.0	15.65	Peak	99.00	400	Vertical	Pass
5**	12528.060	41.70	54.0	12.30	AV	99.00	400	Vertical	Pass
6	15385.420	55.36	74.0	18.64	Peak	179.00	400	Vertical	Pass
6**	15385.420	41.94	54.0	12.06	AV	179.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.333	39.78	74.0	34.22	Peak	232.00	200	Horizontal	Pass
1**	1521.333	32.63	54.0	21.37	AV	232.00	200	Horizontal	Pass
2	4020.639	44.22	74.0	29.78	Peak	83.00	300	Horizontal	Pass
2**	4020.639	37.60	54.0	16.40	AV	83.00	300	Horizontal	Pass
3	7600.549	54.71	74.0	19.29	Peak	315.00	200	Horizontal	Pass
3**	7600.549	41.11	54.0	12.89	AV	315.00	200	Horizontal	Pass
4	12452.592	54.35	74.0	19.65	Peak	240.00	200	Horizontal	Pass
4**	12452.592	43.68	54.0	10.32	AV	240.00	200	Horizontal	Pass
5	16099.169	52.30	74.0	21.70	Peak	1.00	200	Horizontal	Pass
5**	16099.169	47.12	54.0	6.88	AV	1.00	200	Horizontal	Pass
6	17420.754	53.68	74.0	20.32	Peak	9.00	400	Horizontal	Pass
6**	17420.754	49.68	54.0	4.32	AV	9.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.313	46.55	74.0	27.45	Peak	136.00	100	Vertical	Pass
1**	1336.313	34.63	54.0	19.37	AV	136.00	100	Vertical	Pass
2	1438.205	39.70	74.0	34.30	Peak	275.00	100	Vertical	Pass
2**	1438.205	39.34	54.0	14.66	AV	275.00	100	Vertical	Pass
3	4309.839	45.61	74.0	28.39	Peak	230.00	200	Vertical	Pass
3**	4309.839	38.80	54.0	15.20	AV	230.00	200	Vertical	Pass
4	7591.783	55.22	74.0	18.78	Peak	358.00	300	Vertical	Pass
4**	7591.783	41.94	54.0	12.06	AV	358.00	300	Vertical	Pass
5	12534.192	52.32	74.0	21.68	Peak	237.00	100	Vertical	Pass
5**	12534.192	46.41	54.0	7.59	AV	237.00	100	Vertical	Pass
6	15902.567	56.24	74.0	17.76	Peak	202.00	200	Vertical	Pass
6**	15902.567	45.35	54.0	8.65	AV	202.00	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	1520.640	37.99	74.0	36.01	Peak	273.00	300	Horizontal	Pass
1**	1520.640	32.24	54.0	21.76	AV	273.00	300	Horizontal	Pass
2	4022.940	44.34	74.0	29.66	Peak	39.00	400	Horizontal	Pass
2**	4022.940	39.79	54.0	14.21	AV	39.00	400	Horizontal	Pass
3	7600.559	55.96	74.0	18.04	Peak	270.00	200	Horizontal	Pass
3**	7600.559	41.48	54.0	12.52	AV	270.00	200	Horizontal	Pass
4	12457.352	55.94	74.0	18.06	Peak	303.00	100	Horizontal	Pass
4**	12457.352	46.53	54.0	7.47	AV	303.00	100	Horizontal	Pass
5	16092.155	50.58	74.0	23.42	Peak	207.00	300	Horizontal	Pass
5**	16092.155	42.17	54.0	11.83	AV	207.00	300	Horizontal	Pass
6	17419.179	59.07	74.0	14.93	Peak	163.00	100	Horizontal	Pass
6**	17419.179	46.24	54.0	7.76	AV	163.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.256	42.79	74.0	31.21	Peak	310.00	200	Vertical	Pass
1**	1331.256	34.57	54.0	19.43	AV	310.00	200	Vertical	Pass
2	1436.541	42.53	74.0	31.47	Peak	94.00	400	Vertical	Pass
2**	1436.541	35.29	54.0	18.71	AV	94.00	400	Vertical	Pass
3	4308.942	48.27	74.0	25.73	Peak	58.00	200	Vertical	Pass
3**	4308.942	37.88	54.0	16.12	AV	58.00	200	Vertical	Pass
4	7597.591	55.74	74.0	18.26	Peak	327.00	100	Vertical	Pass
4**	7597.591	44.28	54.0	9.72	AV	327.00	100	Vertical	Pass
5	12535.523	52.59	74.0	21.41	Peak	74.00	400	Vertical	Pass
5**	12535.523	44.40	54.0	9.60	AV	74.00	400	Vertical	Pass
6	15906.002	53.58	74.0	20.42	Peak	302.00	100	Vertical	Pass
6**	15906.002	45.04	54.0	8.96	AV	302.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.296	39.56	74.0	34.44	Peak	209.00	100	Horizontal	Pass
1**	1522.296	28.55	54.0	25.45	AV	209.00	100	Horizontal	Pass
2	4019.111	44.97	74.0	29.03	Peak	220.00	100	Horizontal	Pass
2**	4019.111	37.54	54.0	16.46	AV	220.00	100	Horizontal	Pass
3	7598.349	53.48	74.0	20.52	Peak	301.00	200	Horizontal	Pass
3**	7598.349	45.41	54.0	8.59	AV	301.00	200	Horizontal	Pass
4	12457.044	52.50	74.0	21.50	Peak	174.00	100	Horizontal	Pass
4**	12457.044	41.29	54.0	12.71	AV	174.00	100	Horizontal	Pass
5	16098.175	53.13	74.0	20.87	Peak	96.00	100	Horizontal	Pass
5**	16098.175	47.41	54.0	6.59	AV	96.00	100	Horizontal	Pass
6	17417.438	54.48	74.0	19.52	Peak	124.00	400	Horizontal	Pass
6**	17417.438	45.19	54.0	8.81	AV	124.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.980	45.91	74.0	28.09	Peak	297.00	400	Vertical	Pass
1**	1336.980	32.41	54.0	21.59	AV	297.00	400	Vertical	Pass
2	1443.804	43.45	74.0	30.55	Peak	135.00	200	Vertical	Pass
2**	1443.804	37.56	54.0	16.44	AV	135.00	200	Vertical	Pass
3	4312.863	45.25	74.0	28.75	Peak	332.00	200	Vertical	Pass
3**	4312.863	36.96	54.0	17.04	AV	332.00	200	Vertical	Pass
4	7594.375	51.73	74.0	22.27	Peak	229.00	200	Vertical	Pass
4**	7594.375	46.03	54.0	7.97	AV	229.00	200	Vertical	Pass
5	12534.988	53.07	74.0	20.93	Peak	186.00	100	Vertical	Pass
5**	12534.988	41.19	54.0	12.81	AV	186.00	100	Vertical	Pass
6	15910.433	57.24	74.0	16.76	Peak	301.00	200	Vertical	Pass
6**	15910.433	45.36	54.0	8.64	AV	301.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.861	40.59	74.0	33.41	Peak	288.00	100	Horizontal	Pass
1**	1523.861	32.15	54.0	21.85	AV	288.00	100	Horizontal	Pass
2	4017.655	46.44	74.0	27.56	Peak	191.00	300	Horizontal	Pass
2**	4017.655	38.10	54.0	15.90	AV	191.00	300	Horizontal	Pass
3	7594.855	54.41	74.0	19.59	Peak	231.00	200	Horizontal	Pass
3**	7594.855	44.81	54.0	9.19	AV	231.00	200	Horizontal	Pass
4	12453.454	51.84	74.0	22.16	Peak	131.00	300	Horizontal	Pass
4**	12453.454	42.59	54.0	11.41	AV	131.00	300	Horizontal	Pass
5	16094.339	52.44	74.0	21.56	Peak	41.00	400	Horizontal	Pass
5**	16094.339	46.72	54.0	7.28	AV	41.00	400	Horizontal	Pass
6	17419.837	56.85	74.0	17.15	Peak	138.00	300	Horizontal	Pass
6**	17419.837	47.92	54.0	6.08	AV	138.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.999	47.40	74.0	26.60	Peak	109.00	200	Vertical	Pass
1**	1331.999	35.41	54.0	18.59	AV	109.00	200	Vertical	Pass
2	1438.887	44.04	74.0	29.96	Peak	27.00	400	Vertical	Pass
2**	1438.887	37.96	54.0	16.04	AV	27.00	400	Vertical	Pass
3	4315.218	47.40	74.0	26.60	Peak	103.00	200	Vertical	Pass
3**	4315.218	40.41	54.0	13.59	AV	103.00	200	Vertical	Pass
4	7594.469	52.74	74.0	21.26	Peak	123.00	400	Vertical	Pass
4**	7594.469	42.85	54.0	11.15	AV	123.00	400	Vertical	Pass
5	12537.881	54.51	74.0	19.49	Peak	43.00	300	Vertical	Pass
5**	12537.881	41.99	54.0	12.01	AV	43.00	300	Vertical	Pass
6	15906.173	52.19	74.0	21.81	Peak	32.00	100	Vertical	Pass
6**	15906.173	42.69	54.0	11.31	AV	32.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.840	37.50	74.0	36.50	Peak	233.00	400	Horizontal	Pass
1**	1517.840	30.97	54.0	23.03	AV	233.00	400	Horizontal	Pass
2	4021.773	44.87	74.0	29.13	Peak	105.00	400	Horizontal	Pass
2**	4021.773	36.04	54.0	17.96	AV	105.00	400	Horizontal	Pass
3	7597.933	55.40	74.0	18.60	Peak	186.00	200	Horizontal	Pass
3**	7597.933	45.06	54.0	8.94	AV	186.00	200	Horizontal	Pass
4	12453.206	56.27	74.0	17.73	Peak	80.00	100	Horizontal	Pass
4**	12453.206	43.96	54.0	10.04	AV	80.00	100	Horizontal	Pass
5	16096.988	54.56	74.0	19.44	Peak	258.00	200	Horizontal	Pass
5**	16096.988	43.94	54.0	10.06	AV	258.00	200	Horizontal	Pass
6	17419.427	55.33	74.0	18.67	Peak	131.00	300	Horizontal	Pass
6**	17419.427	49.12	54.0	4.88	AV	131.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.625	46.74	74.0	27.26	Peak	146.00	200	Vertical	Pass
1**	1335.625	34.70	54.0	19.30	AV	146.00	200	Vertical	Pass
2	1439.935	44.00	74.0	30.00	Peak	236.00	100	Vertical	Pass
2**	1439.935	39.61	54.0	14.39	AV	236.00	100	Vertical	Pass
3	4312.029	45.17	74.0	28.83	Peak	29.00	200	Vertical	Pass
3**	4312.029	39.66	54.0	14.34	AV	29.00	200	Vertical	Pass
4	7594.356	52.22	74.0	21.78	Peak	277.00	400	Vertical	Pass
4**	7594.356	41.83	54.0	12.17	AV	277.00	400	Vertical	Pass
5	12531.275	51.33	74.0	22.67	Peak	162.00	100	Vertical	Pass
5**	12531.275	44.11	54.0	9.89	AV	162.00	100	Vertical	Pass
6	15907.844	52.39	74.0	21.61	Peak	240.00	400	Vertical	Pass
6**	15907.844	46.41	54.0	7.59	AV	240.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.887	37.25	74.0	36.75	Peak	91.00	400	Horizontal	Pass
1**	1522.887	32.04	54.0	21.96	AV	91.00	400	Horizontal	Pass
2	4018.684	48.57	74.0	25.43	Peak	289.00	200	Horizontal	Pass
2**	4018.684	37.94	54.0	16.06	AV	289.00	200	Horizontal	Pass
3	7599.290	55.64	74.0	18.36	Peak	247.00	200	Horizontal	Pass
3**	7599.290	42.61	54.0	11.39	AV	247.00	200	Horizontal	Pass
4	12453.039	51.75	74.0	22.25	Peak	220.00	100	Horizontal	Pass
4**	12453.039	42.17	54.0	11.83	AV	220.00	100	Horizontal	Pass
5	16093.909	53.04	74.0	20.96	Peak	251.00	100	Horizontal	Pass
5**	16093.909	46.27	54.0	7.73	AV	251.00	100	Horizontal	Pass
6	17418.555	55.06	74.0	18.94	Peak	36.00	300	Horizontal	Pass
6**	17418.555	48.85	54.0	5.15	AV	36.00	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	1330.470	46.38	74.0	27.62	Peak	188.00	400	Vertical	Pass
1**	1330.470	32.24	54.0	21.76	AV	188.00	400	Vertical	Pass
2	1442.644	39.29	74.0	34.71	Peak	293.00	100	Vertical	Pass
2**	1442.644	37.49	54.0	16.51	AV	293.00	100	Vertical	Pass
3	4308.924	44.70	74.0	29.30	Peak	221.00	200	Vertical	Pass
3**	4308.924	36.45	54.0	17.55	AV	221.00	200	Vertical	Pass
4	7591.905	52.94	74.0	21.06	Peak	26.00	300	Vertical	Pass
4**	7591.905	42.85	54.0	11.15	AV	26.00	300	Vertical	Pass
5	12538.702	52.34	74.0	21.66	Peak	299.00	400	Vertical	Pass
5**	12538.702	42.18	54.0	11.82	AV	299.00	400	Vertical	Pass
6	15903.170	54.85	74.0	19.15	Peak	344.00	200	Vertical	Pass
6**	15903.170	46.63	54.0	7.37	AV	344.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.372	38.33	74.0	35.67	Peak	231.00	300	Horizontal	Pass
1**	1517.372	31.59	54.0	22.41	AV	231.00	300	Horizontal	Pass
2	4023.312	46.89	74.0	27.11	Peak	238.00	300	Horizontal	Pass
2**	4023.312	39.76	54.0	14.24	AV	238.00	300	Horizontal	Pass
3	7596.641	54.97	74.0	19.03	Peak	183.00	200	Horizontal	Pass
3**	7596.641	40.65	54.0	13.35	AV	183.00	200	Horizontal	Pass
4	12458.539	50.93	74.0	23.07	Peak	324.00	100	Horizontal	Pass
4**	12458.539	45.65	54.0	8.35	AV	324.00	100	Horizontal	Pass
5	16098.598	55.91	74.0	18.09	Peak	49.00	200	Horizontal	Pass
5**	16098.598	45.57	54.0	8.43	AV	49.00	200	Horizontal	Pass
6	17422.431	57.64	74.0	16.36	Peak	317.00	100	Horizontal	Pass
6**	17422.431	48.94	54.0	5.06	AV	317.00	100	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	1335.137	42.05	74.0	31.95	Peak	334.00	300	Vertical	Pass
1**	1335.137	35.30	54.0	18.70	AV	334.00	300	Vertical	Pass
2	1440.309	42.76	74.0	31.24	Peak	352.00	400	Vertical	Pass
2**	1440.309	35.29	54.0	18.71	AV	352.00	400	Vertical	Pass
3	4309.695	47.77	74.0	26.23	Peak	46.00	200	Vertical	Pass
3**	4309.695	38.47	54.0	15.53	AV	46.00	200	Vertical	Pass
4	7597.095	52.47	74.0	21.53	Peak	251.00	400	Vertical	Pass
4**	7597.095	43.60	54.0	10.40	AV	251.00	400	Vertical	Pass
5	12532.031	55.69	74.0	18.31	Peak	146.00	100	Vertical	Pass
5**	12532.031	45.80	54.0	8.20	AV	146.00	100	Vertical	Pass
6	15903.041	54.19	74.0	19.81	Peak	262.00	200	Vertical	Pass
6**	15903.041	44.79	54.0	9.21	AV	262.00	200	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	1521.954	36.58	74.0	37.42	Peak	310.00	100	Horizontal	Pass
1**	1521.954	29.69	54.0	24.31	AV	310.00	100	Horizontal	Pass
2	4016.804	49.90	74.0	24.10	Peak	127.00	100	Horizontal	Pass
2**	4016.804	38.34	54.0	15.66	AV	127.00	100	Horizontal	Pass
3	7600.175	56.19	74.0	17.81	Peak	194.00	200	Horizontal	Pass
3**	7600.175	45.27	54.0	8.73	AV	194.00	200	Horizontal	Pass
4	12452.330	53.99	74.0	20.01	Peak	339.00	300	Horizontal	Pass
4**	12452.330	45.99	54.0	8.01	AV	339.00	300	Horizontal	Pass
5	16093.889	55.17	74.0	18.83	Peak	18.00	300	Horizontal	Pass
5**	16093.889	47.63	54.0	6.37	AV	18.00	300	Horizontal	Pass
6	17423.447	56.33	74.0	17.67	Peak	50.00	400	Horizontal	Pass
6**	17423.447	48.44	54.0	5.56	AV	50.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.106	45.50	74.0	28.50	Peak	353.00	200	Vertical	Pass
1**	1331.106	35.60	54.0	18.40	AV	353.00	200	Vertical	Pass
2	1441.300	43.18	74.0	30.82	Peak	242.00	200	Vertical	Pass
2**	1441.300	38.39	54.0	15.61	AV	242.00	200	Vertical	Pass
3	4314.581	47.86	74.0	26.14	Peak	40.00	200	Vertical	Pass
3**	4314.581	37.09	54.0	16.91	AV	40.00	200	Vertical	Pass
4	7594.626	52.70	74.0	21.30	Peak	105.00	400	Vertical	Pass
4**	7594.626	43.90	54.0	10.10	AV	105.00	400	Vertical	Pass
5	12538.693	53.28	74.0	20.72	Peak	132.00	400	Vertical	Pass
5**	12538.693	40.70	54.0	13.30	AV	132.00	400	Vertical	Pass
6	15909.622	52.49	74.0	21.51	Peak	149.00	100	Vertical	Pass
6**	15909.622	46.22	54.0	7.78	AV	149.00	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	1517.393	36.22	74.0	37.78	Peak	149.00	100	Horizontal	Pass
1**	1517.393	29.09	54.0	24.91	AV	149.00	100	Horizontal	Pass
2	4016.132	45.04	74.0	28.96	Peak	293.00	400	Horizontal	Pass
2**	4016.132	39.73	54.0	14.27	AV	293.00	400	Horizontal	Pass
3	7600.011	51.13	74.0	22.87	Peak	140.00	200	Horizontal	Pass
3**	7600.011	46.10	54.0	7.90	AV	140.00	200	Horizontal	Pass
4	12458.293	52.57	74.0	21.43	Peak	141.00	400	Horizontal	Pass
4**	12458.293	42.62	54.0	11.38	AV	141.00	400	Horizontal	Pass
5	16092.096	55.80	74.0	18.20	Peak	155.00	300	Horizontal	Pass
5**	16092.096	45.23	54.0	8.77	AV	155.00	300	Horizontal	Pass
6	17416.966	57.39	74.0	16.61	Peak	96.00	300	Horizontal	Pass
6**	17416.966	46.09	54.0	7.91	AV	96.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.462	42.59	74.0	31.41	Peak	212.00	300	Vertical	Pass
1**	1335.462	34.12	54.0	19.88	AV	212.00	300	Vertical	Pass
2	1443.443	44.26	74.0	29.74	Peak	140.00	100	Vertical	Pass
2**	1443.443	36.15	54.0	17.85	AV	140.00	100	Vertical	Pass
3	4314.573	50.04	74.0	23.96	Peak	9.00	200	Vertical	Pass
3**	4314.573	39.28	54.0	14.72	AV	9.00	200	Vertical	Pass
4	7594.115	52.53	74.0	21.47	Peak	178.00	400	Vertical	Pass
4**	7594.115	43.84	54.0	10.16	AV	178.00	400	Vertical	Pass
5	12531.675	55.57	74.0	18.43	Peak	153.00	200	Vertical	Pass
5**	12531.675	44.32	54.0	9.68	AV	153.00	200	Vertical	Pass
6	15904.565	56.16	74.0	17.84	Peak	216.00	300	Vertical	Pass
6**	15904.565	48.00	54.0	6.00	AV	216.00	300	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	1518.388	37.27	74.0	36.73	Peak	336.00	400	Horizontal	Pass
1**	1518.388	29.50	54.0	24.50	AV	336.00	400	Horizontal	Pass
2	4016.272	45.93	74.0	28.07	Peak	141.00	400	Horizontal	Pass
2**	4016.272	36.22	54.0	17.78	AV	141.00	400	Horizontal	Pass
3	7600.501	52.60	74.0	21.40	Peak	265.00	200	Horizontal	Pass
3**	7600.501	41.96	54.0	12.04	AV	265.00	200	Horizontal	Pass
4	12455.369	56.14	74.0	17.86	Peak	259.00	300	Horizontal	Pass
4**	12455.369	43.75	54.0	10.25	AV	259.00	300	Horizontal	Pass
5	16092.160	52.34	74.0	21.66	Peak	177.00	300	Horizontal	Pass
5**	16092.160	45.92	54.0	8.08	AV	177.00	300	Horizontal	Pass
6	17420.194	57.53	74.0	16.47	Peak	244.00	400	Horizontal	Pass
6**	17420.194	44.61	54.0	9.39	AV	244.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.355	46.20	74.0	27.80	Peak	110.00	300	Vertical	Pass
1**	1333.355	33.86	54.0	20.14	AV	110.00	300	Vertical	Pass
2	1442.071	42.26	74.0	31.74	Peak	44.00	200	Vertical	Pass
2**	1442.071	36.34	54.0	17.66	AV	44.00	200	Vertical	Pass
3	4313.263	49.45	74.0	24.55	Peak	101.00	200	Vertical	Pass
3**	4313.263	39.55	54.0	14.45	AV	101.00	200	Vertical	Pass
4	7591.987	50.82	74.0	23.18	Peak	356.00	200	Vertical	Pass
4**	7591.987	41.70	54.0	12.30	AV	356.00	200	Vertical	Pass
5	12531.896	55.26	74.0	18.74	Peak	304.00	400	Vertical	Pass
5**	12531.896	46.43	54.0	7.57	AV	304.00	400	Vertical	Pass
6	15906.743	52.83	74.0	21.17	Peak	261.00	200	Vertical	Pass
6**	15906.743	47.92	54.0	6.08	AV	261.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.685	35.31	74.0	38.69	Peak	245.00	200	Horizontal	Pass
1**	1520.685	28.21	54.0	25.79	AV	245.00	200	Horizontal	Pass
2	4022.733	46.24	74.0	27.76	Peak	185.00	200	Horizontal	Pass
2**	4022.733	34.53	54.0	19.47	AV	185.00	200	Horizontal	Pass
3	7594.994	53.69	74.0	20.31	Peak	301.00	200	Horizontal	Pass
3**	7594.994	44.68	54.0	9.32	AV	301.00	200	Horizontal	Pass
4	12457.751	53.92	74.0	20.08	Peak	18.00	100	Horizontal	Pass
4**	12457.751	45.18	54.0	8.82	AV	18.00	100	Horizontal	Pass
5	16097.853	52.14	74.0	21.86	Peak	113.00	100	Horizontal	Pass
5**	16097.853	43.33	54.0	10.67	AV	113.00	100	Horizontal	Pass
6	17419.709	56.97	74.0	17.03	Peak	306.00	100	Horizontal	Pass
6**	17419.709	49.13	54.0	4.87	AV	306.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.850	41.97	74.0	32.03	Peak	136.00	100	Vertical	Pass
1**	1333.850	32.15	54.0	21.85	AV	136.00	100	Vertical	Pass
2	1438.374	43.00	74.0	31.00	Peak	154.00	300	Vertical	Pass
2**	1438.374	36.04	54.0	17.96	AV	154.00	300	Vertical	Pass
3	4308.866	49.98	74.0	24.02	Peak	233.00	200	Vertical	Pass
3**	4308.866	35.77	54.0	18.23	AV	233.00	200	Vertical	Pass
4	7596.918	50.50	74.0	23.50	Peak	100.00	100	Vertical	Pass
4**	7596.918	46.46	54.0	7.54	AV	100.00	100	Vertical	Pass
5	12535.611	54.67	74.0	19.33	Peak	353.00	300	Vertical	Pass
5**	12535.611	41.71	54.0	12.29	AV	353.00	300	Vertical	Pass
6	15910.299	56.89	74.0	17.11	Peak	145.00	200	Vertical	Pass
6**	15910.299	44.77	54.0	9.23	AV	145.00	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	1519.057	40.03	74.0	33.97	Peak	240.00	300	Horizontal	Pass
1**	1519.057	28.65	54.0	25.35	AV	240.00	300	Horizontal	Pass
2	4020.745	44.32	74.0	29.68	Peak	29.00	400	Horizontal	Pass
2**	4020.745	37.57	54.0	16.43	AV	29.00	400	Horizontal	Pass
3	7597.331	55.92	74.0	18.08	Peak	129.00	200	Horizontal	Pass
3**	7597.331	41.15	54.0	12.85	AV	129.00	200	Horizontal	Pass
4	12453.272	51.33	74.0	22.67	Peak	99.00	300	Horizontal	Pass
4**	12453.272	42.98	54.0	11.02	AV	99.00	300	Horizontal	Pass
5	16094.733	51.76	74.0	22.24	Peak	342.00	200	Horizontal	Pass
5**	16094.733	47.73	54.0	6.27	AV	342.00	200	Horizontal	Pass
6	17421.446	55.34	74.0	18.66	Peak	274.00	300	Horizontal	Pass
6**	17421.446	45.40	54.0	8.60	AV	274.00	300	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	1335.909	46.26	74.0	27.74	Peak	310.00	200	Vertical	Pass
1**	1335.909	33.78	54.0	20.22	AV	310.00	200	Vertical	Pass
2	1438.216	43.30	74.0	30.70	Peak	10.00	200	Vertical	Pass
2**	1438.216	36.13	54.0	17.87	AV	10.00	200	Vertical	Pass
3	4309.134	45.93	74.0	28.07	Peak	266.00	200	Vertical	Pass
3**	4309.134	40.43	54.0	13.57	AV	266.00	200	Vertical	Pass
4	7592.638	50.38	74.0	23.62	Peak	272.00	100	Vertical	Pass
4**	7592.638	41.81	54.0	12.19	AV	272.00	100	Vertical	Pass
5	12534.566	52.91	74.0	21.09	Peak	73.00	300	Vertical	Pass
5**	12534.566	44.28	54.0	9.72	AV	73.00	300	Vertical	Pass
6	15909.072	57.20	74.0	16.80	Peak	174.00	100	Vertical	Pass
6**	15909.072	46.06	54.0	7.94	AV	174.00	100	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	1521.019	38.64	74.0	35.36	Peak	290.00	300	Horizontal	Pass
1**	1521.019	31.94	54.0	22.06	AV	290.00	300	Horizontal	Pass
2	4016.295	47.79	74.0	26.21	Peak	195.00	100	Horizontal	Pass
2**	4016.295	37.15	54.0	16.85	AV	195.00	100	Horizontal	Pass
3	7597.469	50.49	74.0	23.51	Peak	231.00	200	Horizontal	Pass
3**	7597.469	42.75	54.0	11.25	AV	231.00	200	Horizontal	Pass
4	12458.625	52.40	74.0	21.60	Peak	228.00	200	Horizontal	Pass
4**	12458.625	45.60	54.0	8.40	AV	228.00	200	Horizontal	Pass
5	16093.408	51.55	74.0	22.45	Peak	227.00	100	Horizontal	Pass
5**	16093.408	46.82	54.0	7.18	AV	227.00	100	Horizontal	Pass
6	17422.905	53.93	74.0	20.07	Peak	87.00	300	Horizontal	Pass
6**	17422.905	49.63	54.0	4.37	AV	87.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.650	43.89	74.0	30.11	Peak	191.00	400	Vertical	Pass
1**	1331.650	32.49	54.0	21.51	AV	191.00	400	Vertical	Pass
2	1440.456	39.53	74.0	34.47	Peak	108.00	300	Vertical	Pass
2**	1440.456	34.76	54.0	19.24	AV	108.00	300	Vertical	Pass
3	4314.608	45.48	74.0	28.52	Peak	195.00	200	Vertical	Pass
3**	4314.608	35.72	54.0	18.28	AV	195.00	200	Vertical	Pass
4	7596.413	51.29	74.0	22.71	Peak	174.00	300	Vertical	Pass
4**	7596.413	45.04	54.0	8.96	AV	174.00	300	Vertical	Pass
5	12531.034	55.81	74.0	18.19	Peak	359.00	300	Vertical	Pass
5**	12531.034	42.19	54.0	11.81	AV	359.00	300	Vertical	Pass
6	15906.889	52.96	74.0	21.04	Peak	260.00	200	Vertical	Pass
6**	15906.889	45.91	54.0	8.09	AV	260.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.765	40.28	74.0	33.72	Peak	168.00	300	Horizontal	Pass
1**	1521.765	27.48	54.0	26.52	AV	168.00	300	Horizontal	Pass
2	4023.428	44.25	74.0	29.75	Peak	1.00	100	Horizontal	Pass
2**	4023.428	39.53	54.0	14.47	AV	1.00	100	Horizontal	Pass
3	7594.792	54.50	74.0	19.50	Peak	22.00	200	Horizontal	Pass
3**	7594.792	46.27	54.0	7.73	AV	22.00	200	Horizontal	Pass
4	12457.536	55.13	74.0	18.87	Peak	30.00	200	Horizontal	Pass
4**	12457.536	45.50	54.0	8.50	AV	30.00	200	Horizontal	Pass
5	16094.066	53.49	74.0	20.51	Peak	274.00	100	Horizontal	Pass
5**	16094.066	45.46	54.0	8.54	AV	274.00	100	Horizontal	Pass
6	17418.521	56.33	74.0	17.67	Peak	35.00	100	Horizontal	Pass
6**	17418.521	48.22	54.0	5.78	AV	35.00	100	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	1334.509	47.16	74.0	26.84	Peak	255.00	100	Vertical	Pass
1**	1334.509	32.41	54.0	21.59	AV	255.00	100	Vertical	Pass
2	1437.816	39.57	74.0	34.43	Peak	146.00	300	Vertical	Pass
2**	1437.816	38.63	54.0	15.37	AV	146.00	300	Vertical	Pass
3	4311.567	44.75	74.0	29.25	Peak	127.00	200	Vertical	Pass
3**	4311.567	38.97	54.0	15.03	AV	127.00	200	Vertical	Pass
4	7597.283	50.01	74.0	23.99	Peak	130.00	200	Vertical	Pass
4**	7597.283	44.15	54.0	9.85	AV	130.00	200	Vertical	Pass
5	12530.925	55.44	74.0	18.56	Peak	12.00	400	Vertical	Pass
5**	12530.925	41.65	54.0	12.35	AV	12.00	400	Vertical	Pass
6	15910.249	53.67	74.0	20.33	Peak	37.00	100	Vertical	Pass
6**	15910.249	44.64	54.0	9.36	AV	37.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

Test Data

U-NII-1 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.907	54.17	74.0	19.83	Peak	80.00	100	Horizontal	Pass
1**	5077.907	44.69	54.0	9.31	AV	80.00	100	Horizontal	Pass
2	5150.000	53.47	74.0	20.53	Peak	202.00	100	Horizontal	Pass
2**	5150.000	45.22	54.0	8.78	AV	202.00	100	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.66	74.0	21.34	Peak	284.00	200	Horizontal	Pass
1**	5350.000	42.37	54.0	11.63	AV	284.00	200	Horizontal	Pass
2	5422.370	55.07	74.0	18.93	Peak	45.00	100	Horizontal	Pass
2**	5422.370	43.59	54.0	10.41	AV	45.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.993	55.96	74.0	18.04	Peak	210.00	200	Horizontal	Pass
1**	5077.993	42.58	54.0	11.42	AV	210.00	200	Horizontal	Pass
2	5150.000	55.96	74.0	18.04	Peak	331.00	200	Horizontal	Pass
2**	5150.000	45	54.0	9.00	AV	331.00	200	Horizontal	Pass

U-NII-1 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.69	74.0	21.31	Peak	205.00	100	Horizontal	Pass
1**	5350.000	45.04	54.0	8.96	AV	205.00	100	Horizontal	Pass
2	5422.914	55	74.0	19.00	Peak	262.00	100	Horizontal	Pass
2**	5422.914	45.03	54.0	8.97	AV	262.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.774	54.92	74.0	19.08	Peak	49.00	300	Horizontal	Pass
1**	5076.774	43.89	54.0	10.11	AV	49.00	300	Horizontal	Pass
2	5150.000	56.15	74.0	17.85	Peak	229.00	100	Horizontal	Pass
2**	5150.000	43.03	54.0	10.97	AV	229.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	52.98	74.0	21.02	Peak	204.00	200	Horizontal	Pass
1**	5350.000	45.93	54.0	8.07	AV	204.00	200	Horizontal	Pass
2	5422.492	56.78	74.0	17.22	Peak	262.00	200	Horizontal	Pass
2**	5422.492	45.33	54.0	8.67	AV	262.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5075.312	57.45	74.0	16.55	Peak	281.00	200	Horizontal	Pass
1**	5075.312	45.35	54.0	8.65	AV	281.00	200	Horizontal	Pass
2	5150.000	54	74.0	20.00	Peak	230.00	300	Horizontal	Pass
2**	5150.000	46.04	54.0	7.96	AV	230.00	300	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.16	74.0	17.84	Peak	134.00	200	Horizontal	Pass
1**	5350.000	43.15	54.0	10.85	AV	134.00	200	Horizontal	Pass
2	5422.564	57.13	74.0	16.87	Peak	355.00	300	Horizontal	Pass
2**	5422.564	47	54.0	7.00	AV	355.00	300	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.937	57.15	74.0	16.85	Peak	359.00	100	Horizontal	Pass
1**	5077.937	46.16	54.0	7.84	AV	359.00	100	Horizontal	Pass
2	5150.000	54.32	74.0	19.68	Peak	288.00	200	Horizontal	Pass
2**	5150.000	46.01	54.0	7.99	AV	288.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.3	74.0	19.70	Peak	84.00	300	Horizontal	Pass
1**	5350.000	43.63	54.0	10.37	AV	84.00	300	Horizontal	Pass
2	5422.407	54.62	74.0	19.38	Peak	28.00	300	Horizontal	Pass
2**	5422.407	44.53	54.0	9.47	AV	28.00	300	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5075.929	55.35	74.0	18.65	Peak	211.00	200	Horizontal	Pass
1**	5075.929	46.16	54.0	7.84	AV	211.00	200	Horizontal	Pass
2	5150.000	53.95	74.0	20.05	Peak	256.00	100	Horizontal	Pass
2**	5150.000	45.95	54.0	8.05	AV	256.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56	74.0	18.00	Peak	27.00	200	Horizontal	Pass
1**	5350.000	43.77	54.0	10.23	AV	27.00	200	Horizontal	Pass
2	5424.003	58.03	74.0	15.97	Peak	89.00	300	Horizontal	Pass
2**	5424.003	43.35	54.0	10.65	AV	89.00	300	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.614	54.44	68.2	13.76	Peak	71.00	300	Horizontal	Pass
2	5650.000	54.19	68.2	14.01	Peak	71.00	300	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.77	68.2	12.43	Peak	255.00	200	Horizontal	Pass
2	5942.156	56.47	68.2	11.73	Peak	12.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.459	53.09	68.2	15.11	Peak	266.00	200	Horizontal	Pass
2	5650.000	52.79	68.2	15.41	Peak	266.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.87	68.2	12.33	Peak	239.00	100	Horizontal	Pass
2	5944.363	56.3	68.2	11.90	Peak	137.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.969	50.9	68.2	17.30	Peak	278.00	200	Horizontal	Pass
2	5650.000	53.75	68.2	14.45	Peak	278.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	53.49	68.2	14.71	Peak	113.00	200	Horizontal	Pass
2	5944.877	54.96	68.2	13.24	Peak	76.00	300	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.789	49.73	68.2	18.47	Peak	91.00	200	Horizontal	Pass
2	5650.000	53.03	68.2	15.17	Peak	91.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	52.07	68.2	16.13	Peak	278.00	100	Horizontal	Pass
2	5947.098	52.58	68.2	15.62	Peak	203.00	300	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.805	48.87	68.2	19.33	Peak	68.00	200	Horizontal	Pass
2	5650.000	53.44	68.2	14.76	Peak	68.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	50.09	68.2	18.11	Peak	54.00	200	Horizontal	Pass
2	5949.934	49.9	68.2	18.30	Peak	11.00	300	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.227	49.36	68.2	18.84	Peak	265.00	200	Horizontal	Pass
2	5650.000	54.02	68.2	14.18	Peak	265.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	49.73	68.2	18.47	Peak	58.00	300	Horizontal	Pass
2	5951.014	49.24	68.2	18.96	Peak	19.00	300	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2560204-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2560204-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2560204-AI.PDF”.

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