TEST REPORT

Applicant:	Xtra Technology LLC
Address:	3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6124, USA
Equipment Type:	XTRA EDGE
Model Name:	XCAMC01
Brand Name:	Xtra
FCC ID:	2BQH2-XCAMC01
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jul. 10, 2025
Test Date:	Jul. 11, 2025 - Jul. 20, 2025
Date of Issue:	Jul. 31, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Li Ganming **Checked by:** Ye Hongji **Approved by:** Sunny Zou (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 31, 2025	Initial Issue

TABLE OF CONTENTS

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	Xtra Technology LLC
Address	3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6124, USA

2.2 Manufacturer Information

Manufacturer	Xtra Technology LLC
Address	3422 Old Capitol Trail, Suite 700, Wilmington, DE 19808-6124, USA

2.3 General Description for Equipment under Test (EUT)

EUT Name	XTRA EDGE
Model Name Under Test	XCAMC01
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0.0
Software Version	01.00.00.00
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

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

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: 31.41 mW U-NII-3: 16.83 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Metal Shrapnel Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.0 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.7 dBi
About the Product	The equipment is XTRA EDGE, 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	U-NII-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
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	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
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	48/36	165/149
	11n(20 MHz)	6.5		48/36	165/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/36	165/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

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	40% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.1℃ to +25.9℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2025.04.28	2026.04.27
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2025.04.28	2026.04.27
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

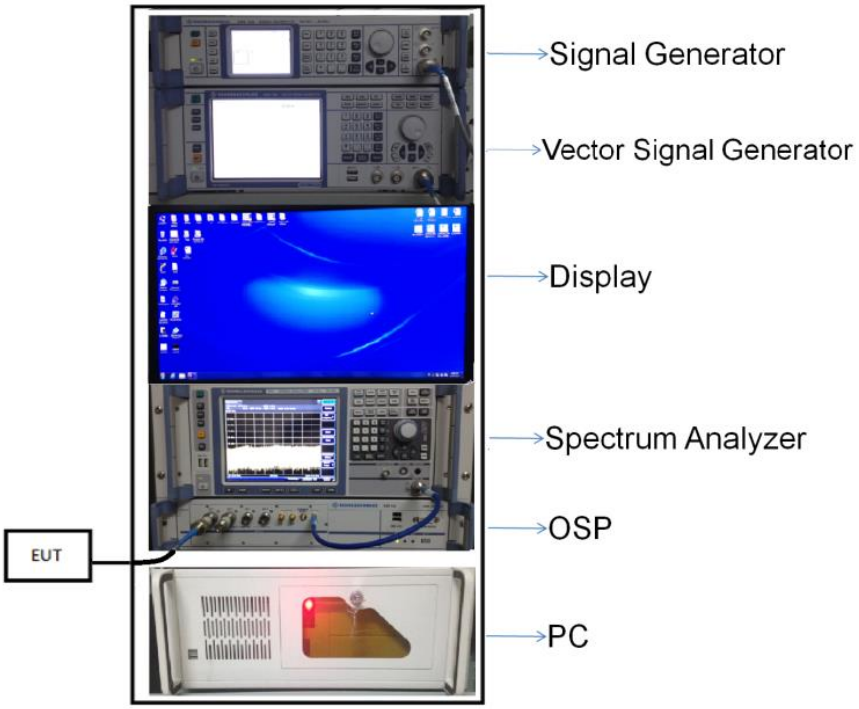
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

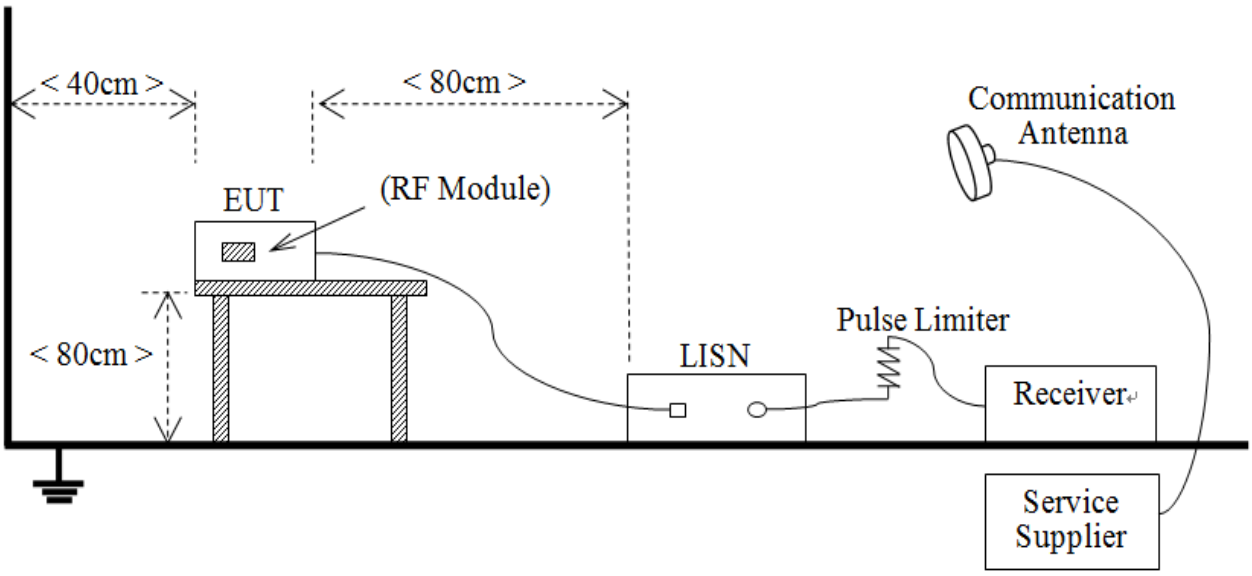
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



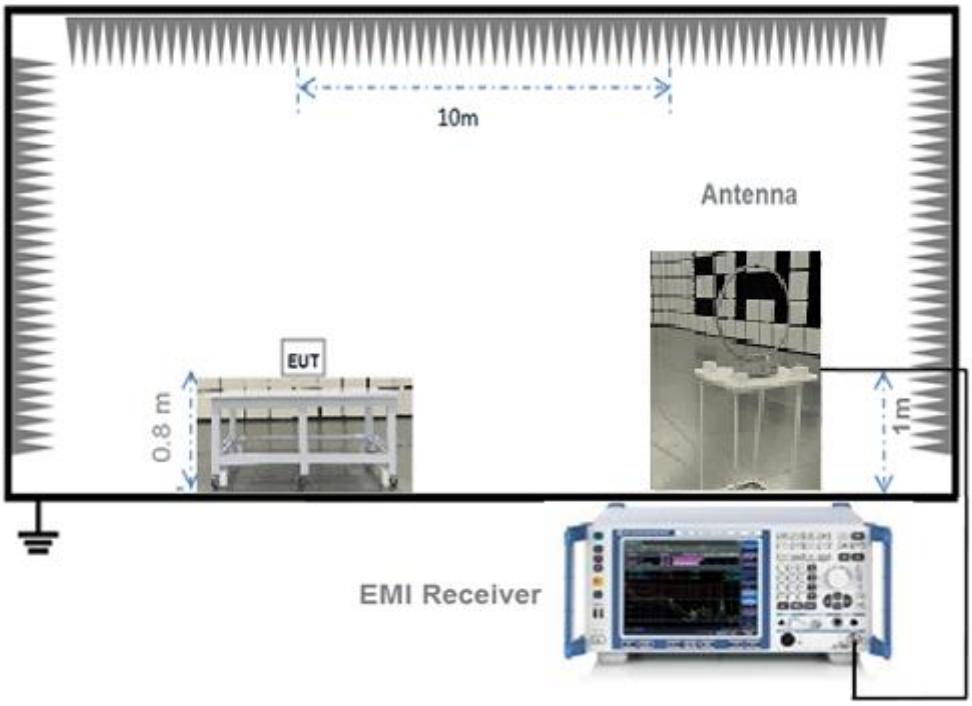
(Diagram 1)

4.5.2 For AC Power Supply Port Test



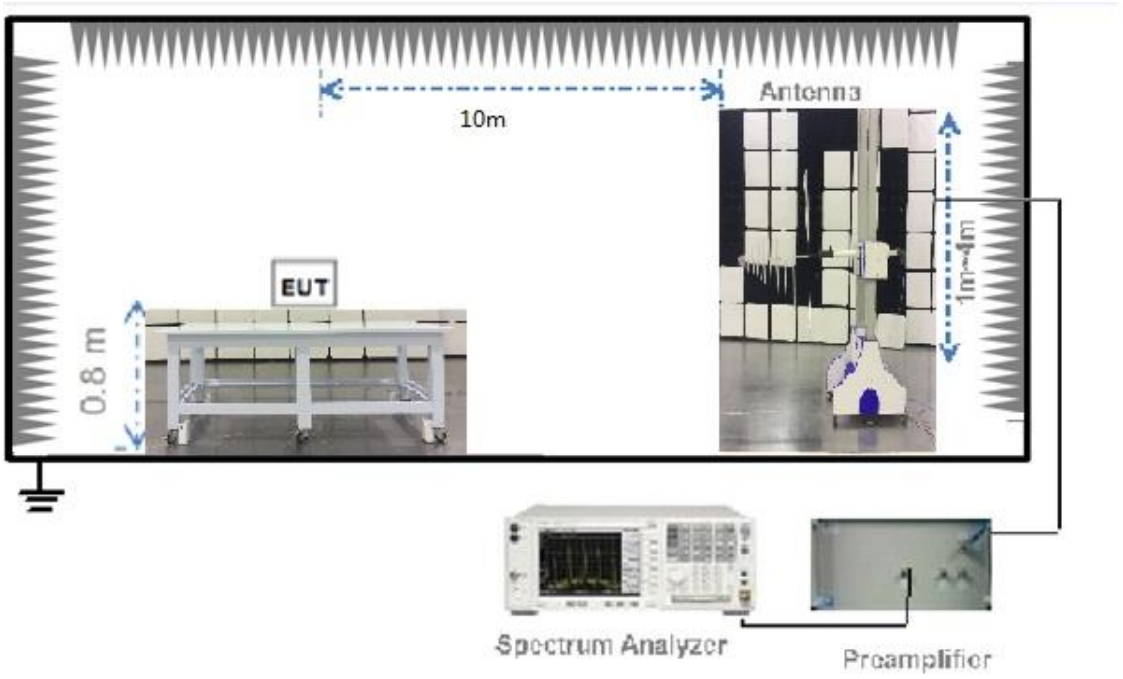
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



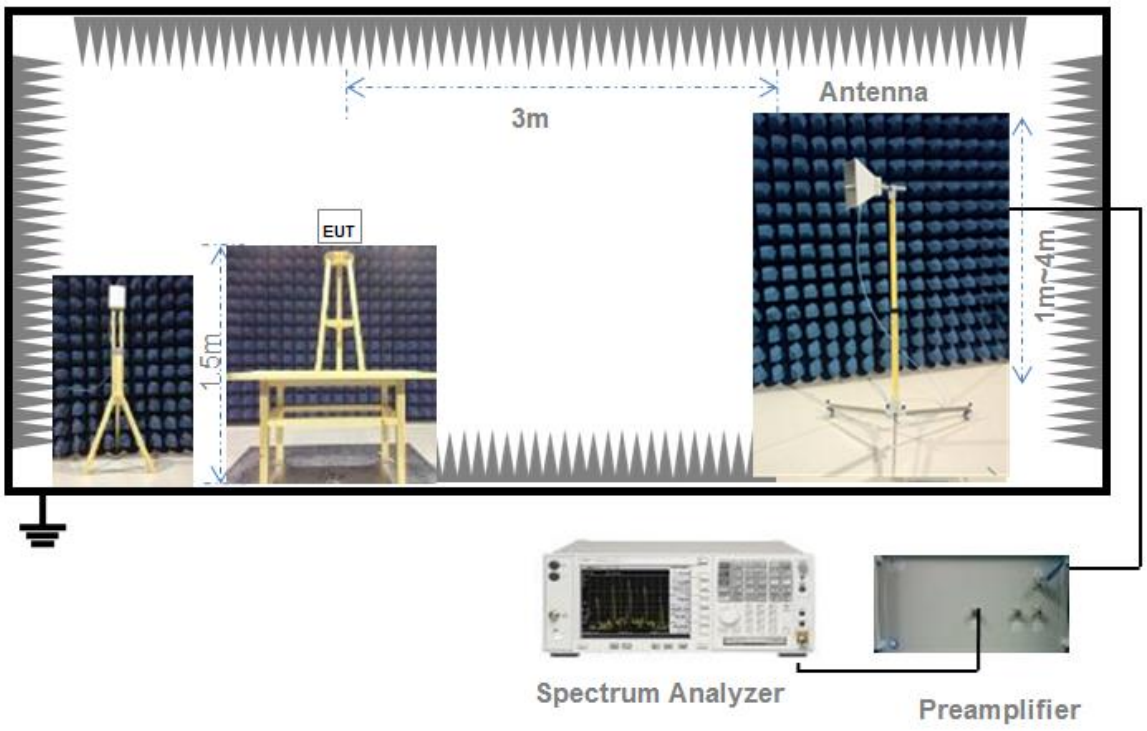
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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	1.40	1.54	90.65%	0.43
11n(HT20)/11ac(VHT20)	1.31	1.45	90.15%	0.45
11n(HT40)/11ac(VHT40)	0.65	0.79	81.69%	0.88
11ac(VHT80)	0.32	0.47	69.25%	1.60

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.84	30.48	250	Pass
11a	CH44	14.97	31.41	250	Pass
11a	CH48	14.93	31.12	250	Pass
11n(HT20)	CH36	14.91	30.97	250	Pass
11n(HT20)	CH44	14.61	28.91	250	Pass
11n(HT20)	CH48	14.87	30.69	250	Pass
11n(HT40)	CH38	14.95	31.26	250	Pass
11n(HT40)	CH46	14.87	30.69	250	Pass
11ac(VHT20)	CH36	14.78	30.06	250	Pass
11ac(VHT20)	CH44	14.87	30.69	250	Pass
11ac(VHT20)	CH48	14.50	28.18	250	Pass
11ac(VHT40)	CH38	14.76	29.92	250	Pass
11ac(VHT40)	CH46	14.95	31.26	250	Pass
11ac(VHT80)	CH42	14.42	27.67	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.23	16.71	1000	Pass
11a	CH157	12.26	16.83	1000	Pass
11a	CH165	12.17	16.48	1000	Pass
11n(HT20)	CH149	12.25	16.79	1000	Pass
11n(HT20)	CH157	12.22	16.67	1000	Pass
11n(HT20)	CH165	12.12	16.29	1000	Pass
11n(HT40)	CH151	12.14	16.37	1000	Pass
11n(HT40)	CH159	12.16	16.44	1000	Pass
11ac(VHT20)	CH149	11.78	15.07	1000	Pass
11ac(VHT20)	CH157	11.74	14.93	1000	Pass
11ac(VHT20)	CH165	12.15	16.41	1000	Pass
11ac(VHT40)	CH151	12.23	16.71	1000	Pass
11ac(VHT40)	CH159	12.17	16.48	1000	Pass
11ac(VHT80)	CH155	11.60	14.45	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2570508-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	25.01	16.68
11a	CH44	24.81	16.67
11a	CH48	25.84	16.67
11n(HT20)	CH36	30.07	17.70
11n(HT20)	CH44	29.73	17.69
11n(HT20)	CH48	31.60	17.70
11n(HT40)	CH38	44.08	36.15
11n(HT40)	CH46	46.95	36.14
11ac(VHT20)	CH36	30.26	17.69
11ac(VHT20)	CH44	29.72	17.69
11ac(VHT20)	CH48	29.35	17.69
11ac(VHT40)	CH38	45.12	36.16
11ac(VHT40)	CH46	45.07	36.12
11ac(VHT80)	CH42	96.69	75.65

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.03	16.72
11a	CH157	28.76	16.70
11a	CH165	28.01	16.71
11n(HT20)	CH149	30.38	17.71
11n(HT20)	CH157	28.96	17.72
11n(HT20)	CH165	32.00	17.73
11n(HT40)	CH151	54.18	36.35
11n(HT40)	CH159	49.54	36.34
11ac(VHT20)	CH149	31.27	17.73
11ac(VHT20)	CH157	29.95	17.71
11ac(VHT20)	CH165	31.03	17.73
11ac(VHT40)	CH151	49.69	36.34
11ac(VHT40)	CH159	45.73	36.32
11ac(VHT80)	CH155	85.76	75.68

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2570508-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n(HT20)	CH149	17.80	500.00	Pass
11n(HT20)	CH157	17.80	500.00	Pass
11n(HT20)	CH165	17.80	500.00	Pass
11n(HT40)	CH151	36.60	500.00	Pass
11n(HT40)	CH159	36.50	500.00	Pass
11ac(VHT20)	CH149	17.60	500.00	Pass
11ac(VHT20)	CH157	17.80	500.00	Pass
11ac(VHT20)	CH165	17.80	500.00	Pass
11ac(VHT40)	CH151	36.50	500.00	Pass
11ac(VHT40)	CH159	36.50	500.00	Pass
11ac(VHT80)	CH155	75.90	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2570508-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	3.88	11.00	Pass
11a	CH44	4.43	11.00	Pass
11a	CH48	4.28	11.00	Pass
11n(HT20)	CH36	4.08	11.00	Pass
11n(HT20)	CH44	3.65	11.00	Pass
11n(HT20)	CH48	4.43	11.00	Pass
11n(HT40)	CH38	1.03	11.00	Pass
11n(HT40)	CH46	1.04	11.00	Pass
11ac(VHT20)	CH36	3.87	11.00	Pass
11ac(VHT20)	CH44	3.51	11.00	Pass
11ac(VHT20)	CH48	3.47	11.00	Pass
11ac(VHT40)	CH38	0.90	11.00	Pass
11ac(VHT40)	CH46	1.00	11.00	Pass
11ac(VHT80)	CH42	-2.57	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-2.75	30.00	Pass
11a	CH157	-3.12	30.00	Pass
11a	CH165	-2.92	30.00	Pass
11n(HT20)	CH149	-2.86	30.00	Pass
11n(HT20)	CH157	-2.38	30.00	Pass
11n(HT20)	CH165	-2.35	30.00	Pass
11n(HT40)	CH151	-6.04	30.00	Pass
11n(HT40)	CH159	-6.10	30.00	Pass
11ac(VHT20)	CH149	-3.60	30.00	Pass
11ac(VHT20)	CH157	-3.74	30.00	Pass
11ac(VHT20)	CH165	-2.53	30.00	Pass
11ac(VHT40)	CH151	-6.10	30.00	Pass
11ac(VHT40)	CH159	-5.78	30.00	Pass
11ac(VHT80)	CH155	-9.76	30.00	Pass

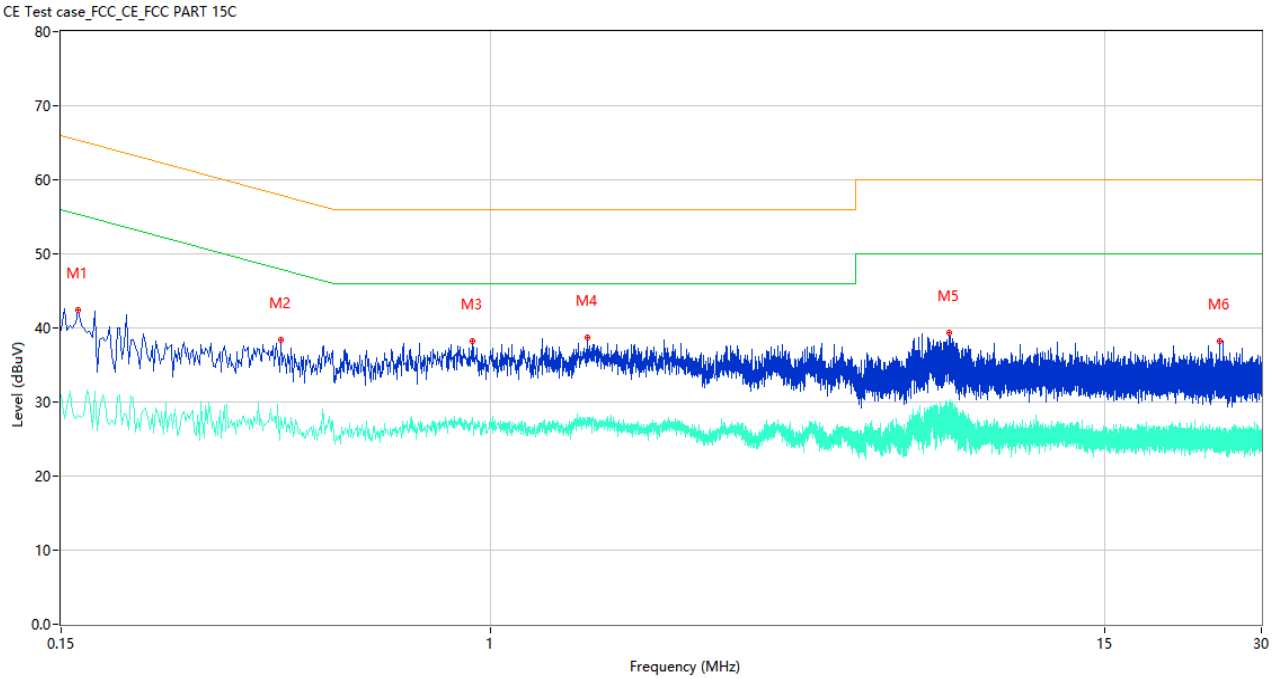
A.5 Conducted Emissions

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

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

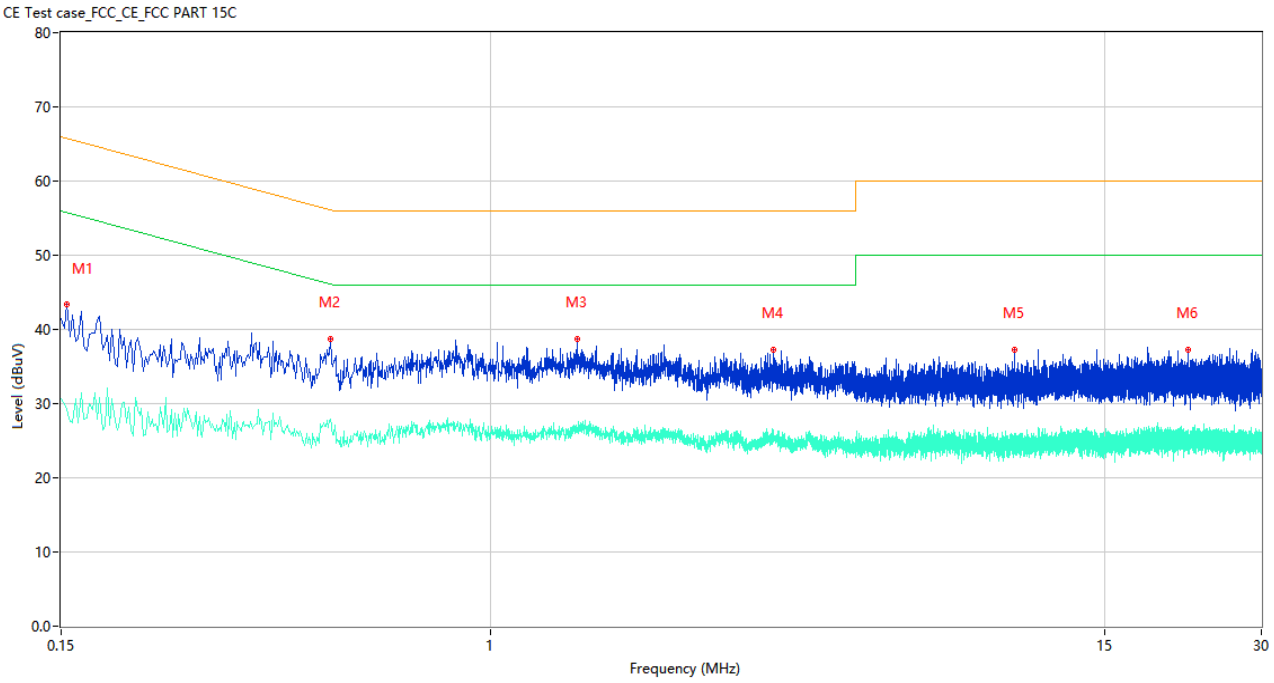
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	42.44	9.85	65.36	22.92	Peak	L	Pass
1**	0.162	28.19	9.85	55.36	27.17	AV	L	Pass
2	0.396	38.33	10.63	57.94	19.61	Peak	L	Pass
2**	0.396	27.96	10.63	47.94	19.98	AV	L	Pass
3	0.920	38.25	10.20	56.00	17.75	Peak	L	Pass
3**	0.920	27.87	10.20	46.00	18.13	AV	L	Pass
4	1.534	38.77	10.25	56.00	17.23	Peak	L	Pass
4**	1.534	27.97	10.25	46.00	18.03	AV	L	Pass
5	7.552	39.35	10.24	60.00	20.65	Peak	L	Pass
5**	7.552	29.84	10.24	50.00	20.16	AV	L	Pass
6	24.942	38.24	10.77	60.00	21.76	Peak	L	Pass
6**	24.942	26.37	10.77	50.00	23.63	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	43.41	9.86	65.78	22.37	Peak	N	Pass
1**	0.154	29.18	9.86	55.78	26.60	AV	N	Pass
2	0.492	38.69	10.05	56.13	17.44	Peak	N	Pass
2**	0.492	27.95	10.05	46.13	18.18	AV	N	Pass
3	1.462	38.65	10.17	56.00	17.35	Peak	N	Pass
3**	1.462	26.20	10.17	46.00	19.80	AV	N	Pass
4	3.486	37.32	10.16	56.00	18.68	Peak	N	Pass
4**	3.486	26.04	10.16	46.00	19.96	AV	N	Pass
5	10.088	37.18	10.60	60.00	22.82	Peak	N	Pass
5**	10.088	25.88	10.60	50.00	24.12	AV	N	Pass
6	21.744	37.20	11.03	60.00	22.80	Peak	N	Pass
6**	21.744	24.36	11.03	50.00	25.64	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.

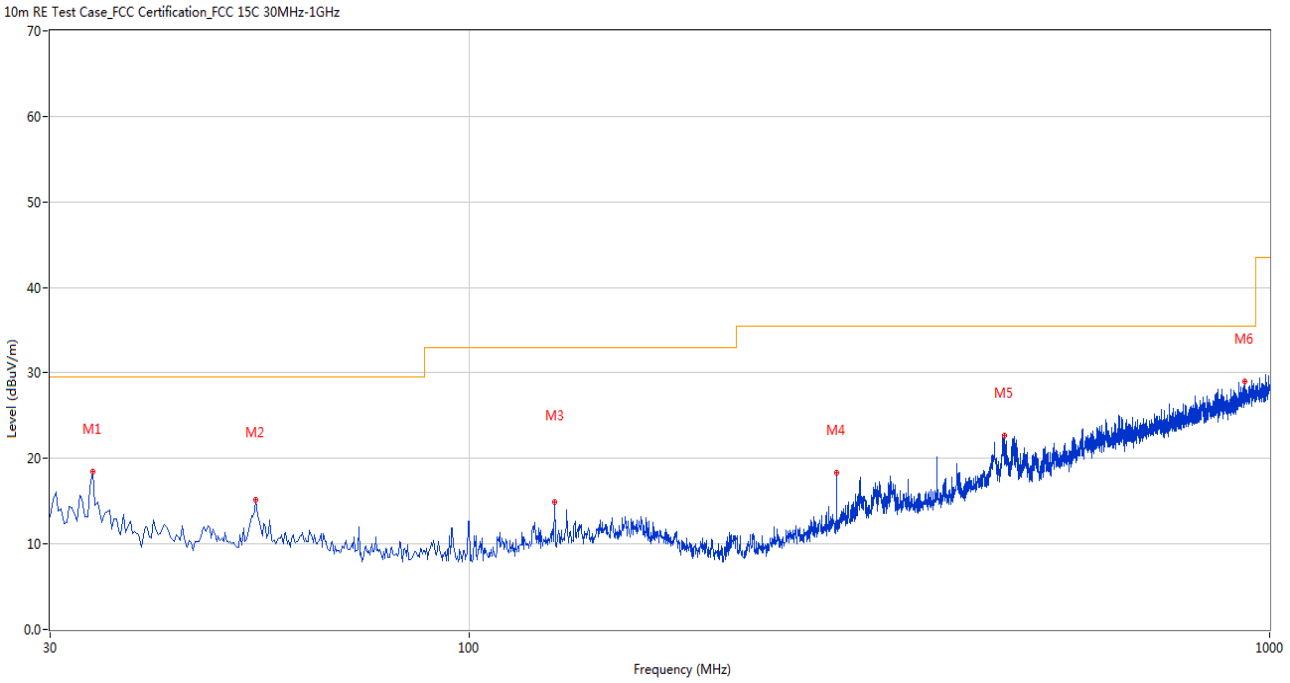
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

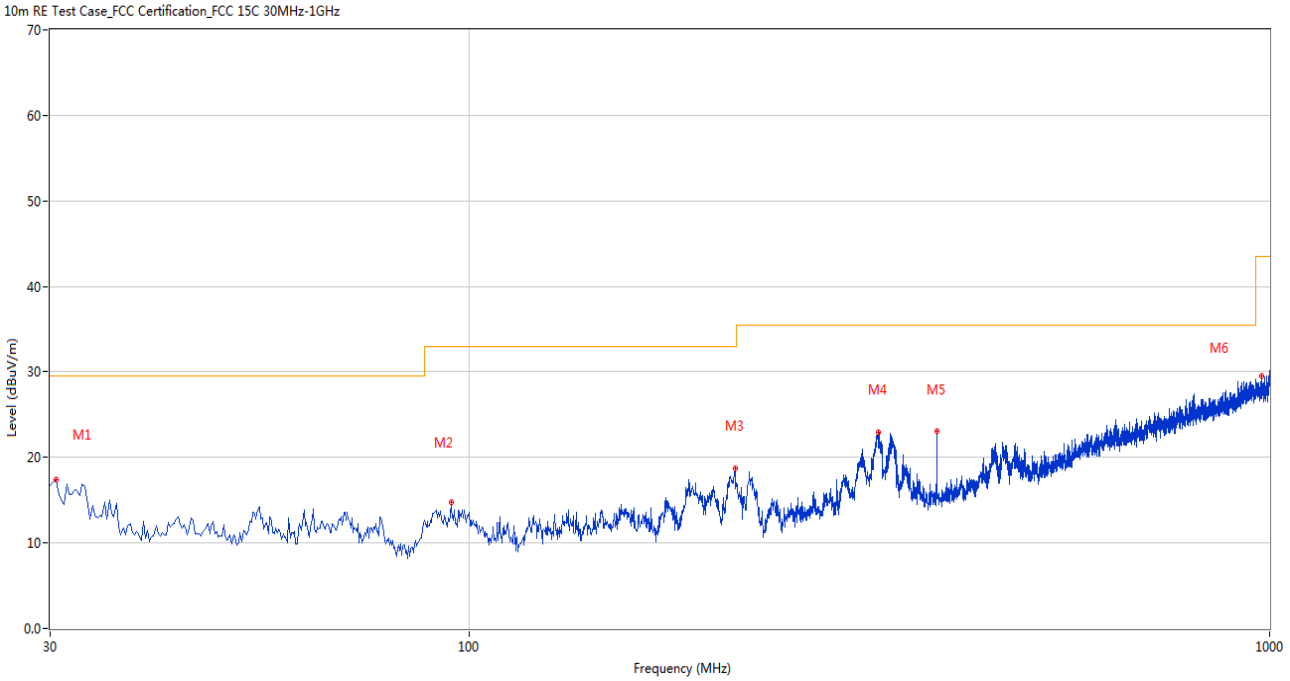
Test Data and Plots

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	33.879	18.40	-26.96	29.5	11.10	Peak	360.00	200	Horizontal	Pass
2	54.244	15.15	-27.10	29.5	14.35	Peak	359.00	100	Horizontal	Pass
3	127.946	14.93	-27.47	33.0	18.07	Peak	42.00	100	Horizontal	Pass
4	287.956	18.33	-25.91	35.5	17.17	Peak	247.00	200	Horizontal	Pass
5	466.148	22.68	-20.90	35.5	12.82	Peak	242.00	100	Horizontal	Pass
6	932.359	28.96	-9.87	35.5	6.54	Peak	25.00	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	30.485	17.45	-26.85	29.5	12.05	Peak	360.00	200	Vertical	Pass
2	94.974	14.73	-30.20	33.0	18.27	Peak	199.00	100	Vertical	Pass
3	214.981	18.72	-29.32	33.0	14.28	Peak	231.00	100	Vertical	Pass
4	324.806	22.92	-24.95	35.5	12.58	Peak	226.00	100	Vertical	Pass
5	383.962	23.01	-23.11	35.5	12.49	Peak	231.00	100	Vertical	Pass
6	976.241	29.56	-9.72	43.5	13.94	Peak	307.00	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	1503.000	37.91	74.0	36.09	Peak	172.00	100	Horizontal	Pass
1**	1503.000	29.32	54.0	24.68	AV	172.00	100	Horizontal	Pass
2	3685.800	47.54	74.0	26.46	Peak	45.00	100	Horizontal	Pass
2**	3685.800	38.76	54.0	15.24	AV	45.00	100	Horizontal	Pass
3	5182.200	103.15	--	--	Peak	12.00	100	Horizontal	N/A
3**	5182.200	95.56	--	--	AV	12.00	100	Horizontal	N/A
4	7528.138	46.63	74.0	27.37	Peak	146.00	100	Horizontal	Pass
4**	7528.138	38.21	54.0	15.79	AV	146.00	100	Horizontal	Pass
5	11885.776	47.34	74.0	26.66	Peak	195.00	200	Horizontal	Pass
5**	11885.776	39.13	54.0	14.87	AV	195.00	200	Horizontal	Pass
6	16184.813	50.67	74.0	23.33	Peak	117.00	100	Horizontal	Pass
6**	16184.813	40.28	54.0	13.72	AV	117.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.900	37.80	74.0	36.20	Peak	304.00	300	Vertical	Pass
1**	1494.900	29.50	54.0	24.50	AV	304.00	300	Vertical	Pass
2	4229.800	47.92	74.0	26.08	Peak	238.00	300	Vertical	Pass
2**	4229.800	38.88	54.0	15.12	AV	238.00	300	Vertical	Pass
3	5173.200	103.03	--	--	Peak	31.00	200	Vertical	N/A
3**	5173.200	95.46	--	--	AV	31.00	200	Vertical	N/A
4	7504.275	46.71	74.0	27.29	Peak	90.00	200	Vertical	Pass
4**	7504.275	36.85	54.0	17.15	AV	90.00	200	Vertical	Pass
5	11887.500	47.40	74.0	26.60	Peak	16.00	200	Vertical	Pass
5**	11887.500	38.58	54.0	15.42	AV	16.00	200	Vertical	Pass
6	15690.263	50.40	74.0	23.60	Peak	349.00	200	Vertical	Pass
6**	15690.263	39.92	54.0	14.08	AV	349.00	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	1507.900	37.49	74.0	36.51	Peak	360.00	200	Horizontal	Pass
1**	1507.900	27.99	54.0	26.01	AV	360.00	200	Horizontal	Pass
2	4380.600	47.80	74.0	26.20	Peak	293.00	400	Horizontal	Pass
2**	4380.600	39.10	54.0	14.90	AV	293.00	400	Horizontal	Pass
3	5223.200	106.04	--	--	Peak	62.00	200	Horizontal	N/A
3**	5223.200	98.11	--	--	AV	62.00	200	Horizontal	N/A
4	7522.387	46.39	74.0	27.61	Peak	190.00	400	Horizontal	Pass
4**	7522.387	36.87	54.0	17.13	AV	190.00	400	Horizontal	Pass
5	12480.900	47.60	74.0	26.40	Peak	166.00	100	Horizontal	Pass
5**	12480.900	39.18	54.0	14.82	AV	166.00	100	Horizontal	Pass
6	15575.550	50.61	74.0	23.39	Peak	27.00	400	Horizontal	Pass
6**	15575.550	41.11	54.0	12.89	AV	27.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.300	37.89	74.0	36.11	Peak	222.00	300	Vertical	Pass
1**	1501.300	28.23	54.0	25.77	AV	222.00	300	Vertical	Pass
2	4387.800	47.64	74.0	26.36	Peak	15.00	200	Vertical	Pass
2**	4387.800	38.00	54.0	16.00	AV	15.00	200	Vertical	Pass
3	5224.400	102.33	--	--	Peak	15.00	100	Vertical	N/A
3**	5224.400	94.68	--	--	AV	15.00	100	Vertical	N/A
4	7543.088	45.89	74.0	28.11	Peak	37.00	300	Vertical	Pass
4**	7543.088	37.02	54.0	16.98	AV	37.00	300	Vertical	Pass
5	10898.500	47.66	74.0	26.34	Peak	360.00	150	Vertical	Pass
5**	10898.500	38.48	54.0	15.52	AV	360.00	150	Vertical	Pass
6	15580.013	50.40	74.0	23.60	Peak	27.00	200	Vertical	Pass
6**	15580.013	41.83	54.0	12.17	AV	27.00	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	1533.800	37.50	74.0	36.50	Peak	144.00	200	Horizontal	Pass
1**	1533.800	27.48	54.0	26.52	AV	144.00	200	Horizontal	Pass
2	4391.800	47.94	74.0	26.06	Peak	291.00	100	Horizontal	Pass
2**	4391.800	38.62	54.0	15.38	AV	291.00	100	Horizontal	Pass
3	5243.400	106.56	--	--	Peak	358.00	150	Horizontal	N/A
3**	5243.400	98.58	--	--	AV	358.00	150	Horizontal	N/A
4	7507.150	46.08	74.0	27.92	Peak	190.00	400	Horizontal	Pass
4**	7507.150	37.46	54.0	16.54	AV	190.00	400	Horizontal	Pass
5	11298.413	47.52	74.0	26.48	Peak	239.00	100	Horizontal	Pass
5**	11298.413	37.56	54.0	16.44	AV	239.00	100	Horizontal	Pass
6	15627.787	49.73	74.0	24.27	Peak	309.00	150	Horizontal	Pass
6**	15627.787	41.13	54.0	12.87	AV	309.00	150	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	1503.100	37.74	74.0	36.26	Peak	238.00	200	Vertical	Pass
1**	1503.100	28.24	54.0	25.76	AV	238.00	200	Vertical	Pass
2	4141.000	47.96	74.0	26.04	Peak	360.00	200	Vertical	Pass
2**	4141.000	37.71	54.0	16.29	AV	360.00	200	Vertical	Pass
3	5235.000	102.24	--	--	Peak	16.00	100	Vertical	N/A
3**	5235.000	94.34	--	--	AV	16.00	100	Vertical	N/A
4	7442.750	46.29	74.0	27.71	Peak	189.00	400	Vertical	Pass
4**	7442.750	36.71	54.0	17.29	AV	189.00	400	Vertical	Pass
5	12489.525	47.48	74.0	26.52	Peak	116.00	100	Vertical	Pass
5**	12489.525	38.24	54.0	15.76	AV	116.00	100	Vertical	Pass
6	15578.963	50.29	74.0	23.71	Peak	360.00	200	Vertical	Pass
6**	15578.963	40.83	54.0	13.17	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.200	37.35	74.0	36.65	Peak	163.00	400	Horizontal	Pass
1**	1557.200	27.80	54.0	26.20	AV	163.00	400	Horizontal	Pass
2	4230.400	48.23	74.0	25.77	Peak	125.00	400	Horizontal	Pass
2**	4230.400	39.56	54.0	14.44	AV	125.00	400	Horizontal	Pass
3	5172.200	105.41	--	--	Peak	29.00	200	Horizontal	N/A
3**	5172.200	97.64	--	--	AV	29.00	200	Horizontal	N/A
4	7528.425	46.20	74.0	27.80	Peak	264.00	100	Horizontal	Pass
4**	7528.425	37.83	54.0	16.17	AV	264.00	100	Horizontal	Pass
5	11886.063	47.46	74.0	26.54	Peak	0.00	100	Horizontal	Pass
5**	11886.063	38.33	54.0	15.67	AV	0.00	100	Horizontal	Pass
6	15734.887	50.07	74.0	23.93	Peak	82.00	100	Horizontal	Pass
6**	15734.887	41.63	54.0	12.37	AV	82.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	39.91	74.0	34.09	Peak	214.00	200	Vertical	Pass
1**	1496.400	28.30	54.0	25.70	AV	214.00	200	Vertical	Pass
2	4065.200	47.86	74.0	26.14	Peak	142.00	400	Vertical	Pass
2**	4065.200	38.48	54.0	15.52	AV	142.00	400	Vertical	Pass
3	5177.800	101.34	--	--	Peak	30.00	150	Vertical	N/A
3**	5177.800	94.06	--	--	AV	30.00	150	Vertical	N/A
4	7572.987	45.87	74.0	28.13	Peak	164.00	100	Vertical	Pass
4**	7572.987	36.18	54.0	17.82	AV	164.00	100	Vertical	Pass
5	12480.326	47.57	74.0	26.43	Peak	338.00	100	Vertical	Pass
5**	12480.326	38.46	54.0	15.54	AV	338.00	100	Vertical	Pass
6	15742.500	50.53	74.0	23.47	Peak	133.00	300	Vertical	Pass
6**	15742.500	41.05	54.0	12.95	AV	133.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.800	37.30	74.0	36.70	Peak	113.00	100	Horizontal	Pass
1**	1507.800	27.77	54.0	26.23	AV	113.00	100	Horizontal	Pass
2	4176.000	47.79	74.0	26.21	Peak	0.00	400	Horizontal	Pass
2**	4176.000	41.03	54.0	12.97	AV	0.00	400	Horizontal	Pass
3	5216.200	105.36	--	--	Peak	13.00	150	Horizontal	N/A
3**	5216.200	97.19	--	--	AV	13.00	150	Horizontal	N/A
4	7550.850	46.45	74.0	27.55	Peak	25.00	200	Horizontal	Pass
4**	7550.850	36.30	54.0	17.70	AV	25.00	200	Horizontal	Pass
5	12212.662	47.45	74.0	26.55	Peak	342.00	100	Horizontal	Pass
5**	12212.662	37.10	54.0	16.90	AV	342.00	100	Horizontal	Pass
6	15575.812	50.51	74.0	23.49	Peak	224.00	300	Horizontal	Pass
6**	15575.812	41.22	54.0	12.78	AV	224.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	38.00	74.0	36.00	Peak	223.00	100	Vertical	Pass
1**	1494.800	28.46	54.0	25.54	AV	223.00	100	Vertical	Pass
2	4367.600	48.20	74.0	25.80	Peak	92.00	100	Vertical	Pass
2**	4367.600	38.17	54.0	15.83	AV	92.00	100	Vertical	Pass
3	5218.200	101.76	--	--	Peak	12.00	100	Vertical	N/A
3**	5218.200	93.90	--	--	AV	12.00	100	Vertical	N/A
4	7521.525	46.59	74.0	27.41	Peak	95.00	400	Vertical	Pass
4**	7521.525	37.07	54.0	16.93	AV	95.00	400	Vertical	Pass
5	12479.462	47.64	74.0	26.36	Peak	217.00	100	Vertical	Pass
5**	12479.462	38.25	54.0	15.75	AV	217.00	100	Vertical	Pass
6	15598.125	50.28	74.0	23.72	Peak	103.00	300	Vertical	Pass
6**	15598.125	40.11	54.0	13.89	AV	103.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.300	37.83	74.0	36.17	Peak	111.00	300	Horizontal	Pass
1**	1490.300	28.16	54.0	25.84	AV	111.00	300	Horizontal	Pass
2	4148.200	47.45	74.0	26.55	Peak	75.00	400	Horizontal	Pass
2**	4148.200	38.74	54.0	15.26	AV	75.00	400	Horizontal	Pass
3	5235.800	106.13	--	--	Peak	28.00	150	Horizontal	N/A
3**	5235.800	98.62	--	--	AV	28.00	150	Horizontal	N/A
4	7462.300	45.99	74.0	28.01	Peak	220.00	100	Horizontal	Pass
4**	7462.300	36.05	54.0	17.95	AV	220.00	100	Horizontal	Pass
5	12298.912	47.31	74.0	26.69	Peak	360.00	200	Horizontal	Pass
5**	12298.912	36.69	54.0	17.31	AV	360.00	200	Horizontal	Pass
6	16144.125	50.23	74.0	23.77	Peak	199.00	400	Horizontal	Pass
6**	16144.125	40.71	54.0	13.29	AV	199.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	40.74	74.0	33.26	Peak	233.00	400	Vertical	Pass
1**	1500.500	30.10	54.0	23.90	AV	233.00	400	Vertical	Pass
2	3676.600	47.57	74.0	26.43	Peak	315.00	200	Vertical	Pass
2**	3676.600	38.18	54.0	15.82	AV	315.00	200	Vertical	Pass
3	5237.800	102.84	--	--	Peak	0.00	150	Vertical	N/A
3**	5237.800	94.86	--	--	AV	0.00	150	Vertical	N/A
4	7531.013	45.98	74.0	28.02	Peak	122.00	200	Vertical	Pass
4**	7531.013	36.88	54.0	17.12	AV	122.00	200	Vertical	Pass
5	11310.200	48.26	74.0	25.74	Peak	341.00	200	Vertical	Pass
5**	11310.200	38.28	54.0	15.72	AV	341.00	200	Vertical	Pass
6	15577.650	49.82	74.0	24.18	Peak	360.00	300	Vertical	Pass
6**	15577.650	40.85	54.0	13.15	AV	360.00	300	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	1562.300	37.39	74.0	36.61	Peak	92.00	200	Horizontal	Pass
1**	1562.300	28.09	54.0	25.91	AV	92.00	200	Horizontal	Pass
2	4044.800	47.55	74.0	26.45	Peak	12.00	100	Horizontal	Pass
2**	4044.800	38.11	54.0	15.89	AV	12.00	100	Horizontal	Pass
3	5174.600	105.80	--	--	Peak	343.00	100	Horizontal	N/A
3**	5174.600	97.47	--	--	AV	343.00	100	Horizontal	N/A
4	7551.138	46.42	74.0	27.58	Peak	294.00	400	Horizontal	Pass
4**	7551.138	36.50	54.0	17.50	AV	294.00	400	Horizontal	Pass
5	12318.175	47.31	74.0	26.69	Peak	72.00	100	Horizontal	Pass
5**	12318.175	38.22	54.0	15.78	AV	72.00	100	Horizontal	Pass
6	15619.387	49.91	74.0	24.09	Peak	90.00	200	Horizontal	Pass
6**	15619.387	40.45	54.0	13.55	AV	90.00	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	1496.100	40.22	74.0	33.78	Peak	232.00	200	Vertical	Pass
1**	1496.100	32.68	54.0	21.32	AV	232.00	200	Vertical	Pass
2	4064.800	47.76	74.0	26.24	Peak	284.00	300	Vertical	Pass
2**	4064.800	38.53	54.0	15.47	AV	284.00	300	Vertical	Pass
3	5177.200	102.01	--	--	Peak	0.00	150	Vertical	N/A
3**	5177.200	93.78	--	--	AV	0.00	150	Vertical	N/A
4	7326.888	46.03	74.0	27.97	Peak	360.00	300	Vertical	Pass
4**	7326.888	36.91	54.0	17.09	AV	360.00	300	Vertical	Pass
5	12334.850	47.87	74.0	26.13	Peak	318.00	150	Vertical	Pass
5**	12334.850	37.86	54.0	16.14	AV	318.00	150	Vertical	Pass
6	15715.200	50.64	74.0	23.36	Peak	360.00	300	Vertical	Pass
6**	15715.200	40.51	54.0	13.49	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.800	37.29	74.0	36.71	Peak	110.00	100	Horizontal	Pass
1**	1620.800	27.99	54.0	26.01	AV	110.00	100	Horizontal	Pass
2	4732.800	54.35	74.0	19.65	Peak	360.00	150	Horizontal	Pass
2**	4732.800	47.54	54.0	6.46	AV	360.00	150	Horizontal	Pass
3	5224.000	106.00	--	--	Peak	17.00	200	Horizontal	N/A
3**	5224.000	98.70	--	--	AV	17.00	200	Horizontal	N/A
4	7440.163	46.18	74.0	27.82	Peak	129.00	400	Horizontal	Pass
4**	7440.163	36.11	54.0	17.89	AV	129.00	400	Horizontal	Pass
5	10905.400	47.36	74.0	26.64	Peak	360.00	100	Horizontal	Pass
5**	10905.400	37.79	54.0	16.21	AV	360.00	100	Horizontal	Pass
6	15572.662	49.89	74.0	24.11	Peak	360.00	100	Horizontal	Pass
6**	15572.662	41.96	54.0	12.04	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	40.13	74.0	33.87	Peak	234.00	400	Vertical	Pass
1**	1495.600	31.73	54.0	22.27	AV	234.00	400	Vertical	Pass
2	4732.000	52.47	74.0	21.53	Peak	217.00	150	Vertical	Pass
2**	4732.000	45.63	54.0	8.37	AV	217.00	150	Vertical	Pass
3	5225.600	102.64	--	--	Peak	13.00	150	Vertical	N/A
3**	5225.600	94.61	--	--	AV	13.00	150	Vertical	N/A
4	7521.812	45.64	74.0	28.36	Peak	21.00	200	Vertical	Pass
4**	7521.812	37.45	54.0	16.55	AV	21.00	200	Vertical	Pass
5	11764.450	47.55	74.0	26.45	Peak	95.00	200	Vertical	Pass
5**	11764.450	37.50	54.0	16.50	AV	95.00	200	Vertical	Pass
6	16013.924	50.15	74.0	23.85	Peak	360.00	300	Vertical	Pass
6**	16013.924	40.21	54.0	13.79	AV	360.00	300	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	1449.600	37.33	74.0	36.67	Peak	0.00	100	Horizontal	Pass
1**	1449.600	27.90	54.0	26.10	AV	0.00	100	Horizontal	Pass
2	4144.200	47.57	74.0	26.43	Peak	0.00	400	Horizontal	Pass
2**	4144.200	40.11	54.0	13.89	AV	0.00	400	Horizontal	Pass
3	5173.800	105.40	--	--	Peak	325.00	200	Horizontal	N/A
3**	5173.800	98.49	--	--	AV	325.00	200	Horizontal	N/A
4	7322.575	46.31	74.0	27.69	Peak	286.00	200	Horizontal	Pass
4**	7322.575	35.42	54.0	18.58	AV	286.00	200	Horizontal	Pass
5	12467.387	47.07	74.0	26.93	Peak	170.00	200	Horizontal	Pass
5**	12467.387	38.97	54.0	15.03	AV	170.00	200	Horizontal	Pass
6	15580.276	49.85	74.0	24.15	Peak	297.00	100	Horizontal	Pass
6**	15580.276	41.09	54.0	12.91	AV	297.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	38.67	74.0	35.33	Peak	39.00	200	Vertical	Pass
1**	1496.200	32.00	54.0	22.00	AV	39.00	200	Vertical	Pass
2	4095.200	47.70	74.0	26.30	Peak	186.00	100	Vertical	Pass
2**	4095.200	38.03	54.0	15.97	AV	186.00	100	Vertical	Pass
3	5172.600	101.85	--	--	Peak	360.00	150	Vertical	N/A
3**	5172.600	94.66	--	--	AV	360.00	150	Vertical	N/A
4	7442.750	45.51	74.0	28.49	Peak	360.00	100	Vertical	Pass
4**	7442.750	37.02	54.0	16.98	AV	360.00	100	Vertical	Pass
5	12602.800	47.54	74.0	26.46	Peak	214.00	200	Vertical	Pass
5**	12602.800	37.41	54.0	16.59	AV	214.00	200	Vertical	Pass
6	15507.299	49.85	74.0	24.15	Peak	105.00	100	Vertical	Pass
6**	15507.299	41.00	54.0	13.00	AV	105.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.800	37.38	74.0	36.62	Peak	106.00	200	Horizontal	Pass
1**	1496.800	28.03	54.0	25.97	AV	106.00	200	Horizontal	Pass
2	4180.200	48.58	74.0	25.42	Peak	315.00	200	Horizontal	Pass
2**	4180.200	37.80	54.0	16.20	AV	315.00	200	Horizontal	Pass
3	5225.200	104.79	--	--	Peak	45.00	100	Horizontal	N/A
3**	5225.200	98.03	--	--	AV	45.00	100	Horizontal	N/A
4	7438.725	46.20	74.0	27.80	Peak	23.00	400	Horizontal	Pass
4**	7438.725	36.21	54.0	17.79	AV	23.00	400	Horizontal	Pass
5	12562.550	47.41	74.0	26.59	Peak	295.00	200	Horizontal	Pass
5**	12562.550	38.10	54.0	15.90	AV	295.00	200	Horizontal	Pass
6	16047.526	50.96	74.0	23.04	Peak	6.00	200	Horizontal	Pass
6**	16047.526	41.07	54.0	12.93	AV	6.00	200	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	1498.900	41.05	74.0	32.95	Peak	243.00	400	Vertical	Pass
1**	1498.900	27.91	54.0	26.09	AV	243.00	400	Vertical	Pass
2	3994.600	48.13	74.0	25.87	Peak	78.00	300	Vertical	Pass
2**	3994.600	38.08	54.0	15.92	AV	78.00	300	Vertical	Pass
3	5216.200	101.12	--	--	Peak	0.00	200	Vertical	N/A
3**	5216.200	94.61	--	--	AV	0.00	200	Vertical	N/A
4	7569.825	45.45	74.0	28.55	Peak	120.00	400	Vertical	Pass
4**	7569.825	37.14	54.0	16.86	AV	120.00	400	Vertical	Pass
5	12551.338	47.79	74.0	26.21	Peak	21.00	200	Vertical	Pass
5**	12551.338	37.65	54.0	16.35	AV	21.00	200	Vertical	Pass
6	15812.062	49.88	74.0	24.12	Peak	171.00	400	Vertical	Pass
6**	15812.062	40.74	54.0	13.26	AV	171.00	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	1504.100	38.04	74.0	35.96	Peak	209.00	200	Horizontal	Pass
1**	1504.100	28.43	54.0	25.57	AV	209.00	200	Horizontal	Pass
2	4368.400	47.87	74.0	26.13	Peak	269.00	200	Horizontal	Pass
2**	4368.400	39.17	54.0	14.83	AV	269.00	200	Horizontal	Pass
3	5243.000	106.03	--	--	Peak	17.00	150	Horizontal	N/A
3**	5243.000	98.80	--	--	AV	17.00	150	Horizontal	N/A
4	7333.788	45.75	74.0	28.25	Peak	97.00	400	Horizontal	Pass
4**	7333.788	37.22	54.0	16.78	AV	97.00	400	Horizontal	Pass
5	11308.474	47.96	74.0	26.04	Peak	296.00	100	Horizontal	Pass
5**	11308.474	37.95	54.0	16.05	AV	296.00	100	Horizontal	Pass
6	15583.162	50.53	74.0	23.47	Peak	116.00	300	Horizontal	Pass
6**	15583.162	40.92	54.0	13.08	AV	116.00	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	1498.300	38.90	74.0	35.10	Peak	225.00	200	Vertical	Pass
1**	1498.300	27.91	54.0	26.09	AV	225.00	200	Vertical	Pass
2	4349.000	47.58	74.0	26.42	Peak	129.00	300	Vertical	Pass
2**	4349.000	37.36	54.0	16.64	AV	129.00	300	Vertical	Pass
3	5237.600	102.18	--	--	Peak	348.00	200	Vertical	N/A
3**	5237.600	94.74	--	--	AV	348.00	200	Vertical	N/A
4	7633.362	45.41	74.0	28.59	Peak	0.00	300	Vertical	Pass
4**	7633.362	36.41	54.0	17.59	AV	0.00	300	Vertical	Pass
5	12287.988	47.34	74.0	26.66	Peak	218.00	200	Vertical	Pass
5**	12287.988	38.34	54.0	15.66	AV	218.00	200	Vertical	Pass
6	15896.849	49.90	74.0	24.10	Peak	171.00	300	Vertical	Pass
6**	15896.849	40.10	54.0	13.90	AV	171.00	300	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	1542.000	37.91	74.0	36.09	Peak	318.00	400	Horizontal	Pass
1**	1542.000	28.09	54.0	25.91	AV	318.00	400	Horizontal	Pass
2	3705.200	47.60	74.0	26.40	Peak	171.00	200	Horizontal	Pass
2**	3705.200	37.77	54.0	16.23	AV	171.00	200	Horizontal	Pass
3	5186.200	105.18	--	--	Peak	44.00	150	Horizontal	N/A
3**	5186.200	97.74	--	--	AV	44.00	150	Horizontal	N/A
4	7522.387	45.61	74.0	28.39	Peak	295.00	400	Horizontal	Pass
4**	7522.387	36.84	54.0	17.16	AV	295.00	400	Horizontal	Pass
5	12045.050	47.38	74.0	26.62	Peak	245.00	100	Horizontal	Pass
5**	12045.050	37.04	54.0	16.96	AV	245.00	100	Horizontal	Pass
6	15450.075	50.18	74.0	23.82	Peak	140.00	300	Horizontal	Pass
6**	15450.075	40.88	54.0	13.12	AV	140.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	41.71	74.0	32.29	Peak	246.00	300	Vertical	Pass
1**	1493.400	28.99	54.0	25.01	AV	246.00	300	Vertical	Pass
2	4368.400	47.92	74.0	26.08	Peak	265.00	400	Vertical	Pass
2**	4368.400	38.82	54.0	15.18	AV	265.00	400	Vertical	Pass
3	5185.800	102.02	--	--	Peak	0.00	100	Vertical	N/A
3**	5185.800	94.67	--	--	AV	0.00	100	Vertical	N/A
4	7523.250	45.75	74.0	28.25	Peak	193.00	200	Vertical	Pass
4**	7523.250	36.79	54.0	17.21	AV	193.00	200	Vertical	Pass
5	12507.350	47.29	74.0	26.71	Peak	242.00	100	Vertical	Pass
5**	12507.350	37.72	54.0	16.28	AV	242.00	100	Vertical	Pass
6	15841.724	50.54	74.0	23.46	Peak	0.00	200	Vertical	Pass
6**	15841.724	39.94	54.0	14.06	AV	0.00	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	1551.200	37.31	74.0	36.69	Peak	267.00	200	Horizontal	Pass
1**	1551.200	28.01	54.0	25.99	AV	267.00	200	Horizontal	Pass
2	4727.600	50.25	74.0	23.75	Peak	332.00	150	Horizontal	Pass
2**	4727.600	44.39	54.0	9.61	AV	332.00	150	Horizontal	Pass
3	5192.000	102.31	--	--	Peak	332.00	100	Horizontal	N/A
3**	5192.000	95.12	--	--	AV	332.00	100	Horizontal	N/A
4	7521.812	46.05	74.0	27.95	Peak	0.00	200	Horizontal	Pass
4**	7521.812	36.74	54.0	17.26	AV	0.00	200	Horizontal	Pass
5	12467.963	47.31	74.0	26.69	Peak	343.00	150	Horizontal	Pass
5**	12467.963	38.26	54.0	15.74	AV	343.00	150	Horizontal	Pass
6	15803.400	50.41	74.0	23.59	Peak	90.00	100	Horizontal	Pass
6**	15803.400	41.39	54.0	12.61	AV	90.00	100	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	1499.400	38.14	74.0	35.86	Peak	30.00	300	Vertical	Pass
1**	1499.400	29.77	54.0	24.23	AV	30.00	300	Vertical	Pass
2	4213.000	47.80	74.0	26.20	Peak	77.00	300	Vertical	Pass
2**	4213.000	38.31	54.0	15.69	AV	77.00	300	Vertical	Pass
3	5187.800	99.44	--	--	Peak	0.00	150	Vertical	N/A
3**	5187.800	92.50	--	--	AV	0.00	150	Vertical	N/A
4	7485.012	46.16	74.0	27.84	Peak	206.00	200	Vertical	Pass
4**	7485.012	36.54	54.0	17.46	AV	206.00	200	Vertical	Pass
5	11898.138	47.86	74.0	26.14	Peak	328.00	200	Vertical	Pass
5**	11898.138	38.07	54.0	15.93	AV	328.00	200	Vertical	Pass
6	15874.013	50.13	74.0	23.87	Peak	317.00	300	Vertical	Pass
6**	15874.013	41.00	54.0	13.00	AV	317.00	300	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	1471.400	37.35	74.0	36.65	Peak	68.00	100	Horizontal	Pass
1**	1471.400	27.26	54.0	26.74	AV	68.00	100	Horizontal	Pass
2	4378.800	47.86	74.0	26.14	Peak	345.00	200	Horizontal	Pass
2**	4378.800	38.62	54.0	15.38	AV	345.00	200	Horizontal	Pass
3	5223.600	100.73	--	--	Peak	31.00	100	Horizontal	N/A
3**	5223.600	93.27	--	--	AV	31.00	100	Horizontal	N/A
4	7443.325	46.02	74.0	27.98	Peak	90.00	400	Horizontal	Pass
4**	7443.325	37.50	54.0	16.50	AV	90.00	400	Horizontal	Pass
5	11888.362	47.75	74.0	26.25	Peak	190.00	150	Horizontal	Pass
5**	11888.362	39.34	54.0	14.66	AV	190.00	150	Horizontal	Pass
6	16014.451	50.02	74.0	23.98	Peak	107.00	100	Horizontal	Pass
6**	16014.451	40.97	54.0	13.03	AV	107.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	41.58	74.0	32.42	Peak	230.00	400	Vertical	Pass
1**	1495.600	27.69	54.0	26.31	AV	230.00	400	Vertical	Pass
2	4324.400	48.12	74.0	25.88	Peak	235.00	300	Vertical	Pass
2**	4324.400	37.16	54.0	16.84	AV	235.00	300	Vertical	Pass
3	5196.400	97.48	--	--	Peak	13.00	200	Vertical	N/A
3**	5196.400	90.37	--	--	AV	13.00	200	Vertical	N/A
4	7445.050	46.12	74.0	27.88	Peak	166.00	400	Vertical	Pass
4**	7445.050	37.73	54.0	16.27	AV	166.00	400	Vertical	Pass
5	11902.162	48.38	74.0	25.62	Peak	18.00	200	Vertical	Pass
5**	11902.162	39.58	54.0	14.42	AV	18.00	200	Vertical	Pass
6	15589.200	50.23	74.0	23.77	Peak	216.00	300	Vertical	Pass
6**	15589.200	40.55	54.0	13.45	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.500	37.53	74.0	36.47	Peak	279.00	300	Horizontal	Pass
1**	1485.500	28.22	54.0	25.78	AV	279.00	300	Horizontal	Pass
2	4098.200	47.91	74.0	26.09	Peak	47.00	400	Horizontal	Pass
2**	4098.200	38.45	54.0	15.55	AV	47.00	400	Horizontal	Pass
3	5747.800	99.15	--	--	Peak	63.00	150	Horizontal	N/A
3**	5747.800	91.52	--	--	AV	63.00	150	Horizontal	N/A
4	7485.300	45.80	74.0	28.20	Peak	191.00	300	Horizontal	Pass
4**	7485.300	37.54	54.0	16.46	AV	191.00	300	Horizontal	Pass
5	12480.037	47.79	74.0	26.21	Peak	289.00	200	Horizontal	Pass
5**	12480.037	39.11	54.0	14.89	AV	289.00	200	Horizontal	Pass
6	15506.250	50.43	74.0	23.57	Peak	163.00	400	Horizontal	Pass
6**	15506.250	40.23	54.0	13.77	AV	163.00	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	1496.800	38.05	74.0	35.95	Peak	230.00	400	Vertical	Pass
1**	1496.800	30.49	54.0	23.51	AV	230.00	400	Vertical	Pass
2	4385.400	47.73	74.0	26.27	Peak	0.00	100	Vertical	Pass
2**	4385.400	38.29	54.0	15.71	AV	0.00	100	Vertical	Pass
3	5752.600	95.49	--	--	Peak	61.00	100	Vertical	N/A
3**	5752.600	87.71	--	--	AV	61.00	100	Vertical	N/A
4	7451.375	46.52	74.0	27.48	Peak	140.00	200	Vertical	Pass
4**	7451.375	37.52	54.0	16.48	AV	140.00	200	Vertical	Pass
5	11304.162	47.34	74.0	26.66	Peak	0.00	100	Vertical	Pass
5**	11304.162	37.66	54.0	16.34	AV	0.00	100	Vertical	Pass
6	15560.063	50.22	74.0	23.78	Peak	190.00	300	Vertical	Pass
6**	15560.063	40.44	54.0	13.56	AV	190.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.500	37.25	74.0	36.75	Peak	106.00	300	Horizontal	Pass
1**	1585.500	29.23	54.0	24.77	AV	106.00	300	Horizontal	Pass
2	4389.000	47.63	74.0	26.37	Peak	0.00	400	Horizontal	Pass
2**	4389.000	38.15	54.0	15.85	AV	0.00	400	Horizontal	Pass
3	5789.600	100.75	--	--	Peak	28.00	100	Horizontal	N/A
3**	5789.600	92.84	--	--	AV	28.00	100	Horizontal	N/A
4	7520.663	45.74	74.0	28.26	Peak	170.00	400	Horizontal	Pass
4**	7520.663	37.41	54.0	16.59	AV	170.00	400	Horizontal	Pass
5	12474.863	48.02	74.0	25.98	Peak	360.00	200	Horizontal	Pass
5**	12474.863	38.12	54.0	15.88	AV	360.00	200	Horizontal	Pass
6	15804.975	49.76	74.0	24.24	Peak	31.00	200	Horizontal	Pass
6**	15804.975	40.09	54.0	13.91	AV	31.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	37.41	74.0	36.59	Peak	168.00	100	Vertical	Pass
1**	1495.500	28.18	54.0	25.82	AV	168.00	100	Vertical	Pass
2	4096.200	47.64	74.0	26.36	Peak	360.00	400	Vertical	Pass
2**	4096.200	38.79	54.0	15.21	AV	360.00	400	Vertical	Pass
3	5786.600	98.34	--	--	Peak	287.00	200	Vertical	N/A
3**	5786.600	90.83	--	--	AV	287.00	200	Vertical	N/A
4	7505.138	46.12	74.0	27.88	Peak	120.00	400	Vertical	Pass
4**	7505.138	36.48	54.0	17.52	AV	120.00	400	Vertical	Pass
5	12478.026	47.96	74.0	26.04	Peak	95.00	200	Vertical	Pass
5**	12478.026	38.19	54.0	15.81	AV	95.00	200	Vertical	Pass
6	15561.113	50.00	74.0	24.00	Peak	205.00	300	Vertical	Pass
6**	15561.113	40.74	54.0	13.26	AV	205.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.900	37.79	74.0	36.21	Peak	228.00	300	Horizontal	Pass
1**	1458.900	28.45	54.0	25.55	AV	228.00	300	Horizontal	Pass
2	4390.600	47.47	74.0	26.53	Peak	270.00	200	Horizontal	Pass
2**	4390.600	38.58	54.0	15.42	AV	270.00	200	Horizontal	Pass
3	5832.200	99.13	--	--	Peak	318.00	200	Horizontal	N/A
3**	5832.200	91.83	--	--	AV	318.00	200	Horizontal	N/A
4	7374.900	45.70	74.0	28.30	Peak	230.00	300	Horizontal	Pass
4**	7374.900	36.41	54.0	17.59	AV	230.00	300	Horizontal	Pass
5	11902.162	47.70	74.0	26.30	Peak	71.00	100	Horizontal	Pass
5**	11902.162	38.74	54.0	15.26	AV	71.00	100	Horizontal	Pass
6	15503.625	50.04	74.0	23.96	Peak	33.00	200	Horizontal	Pass
6**	15503.625	41.08	54.0	12.92	AV	33.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	39.90	74.0	34.10	Peak	157.00	100	Vertical	Pass
1**	1492.900	29.45	54.0	24.55	AV	157.00	100	Vertical	Pass
2	4237.800	47.77	74.0	26.23	Peak	81.00	100	Vertical	Pass
2**	4237.800	39.04	54.0	14.96	AV	81.00	100	Vertical	Pass
3	5828.800	97.34	--	--	Peak	296.00	100	Vertical	N/A
3**	5828.800	89.32	--	--	AV	296.00	100	Vertical	N/A
4	7545.388	46.03	74.0	27.97	Peak	334.00	300	Vertical	Pass
4**	7545.388	35.44	54.0	18.56	AV	334.00	300	Vertical	Pass
5	12485.213	47.65	74.0	26.35	Peak	155.00	200	Vertical	Pass
5**	12485.213	38.29	54.0	15.71	AV	155.00	200	Vertical	Pass
6	16178.775	50.12	74.0	23.88	Peak	231.00	200	Vertical	Pass
6**	16178.775	40.18	54.0	13.82	AV	231.00	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	1500.400	38.35	74.0	35.65	Peak	0.00	400	Horizontal	Pass
1**	1500.400	28.08	54.0	25.92	AV	0.00	400	Horizontal	Pass
2	4140.600	47.54	74.0	26.46	Peak	0.00	200	Horizontal	Pass
2**	4140.600	37.94	54.0	16.06	AV	0.00	200	Horizontal	Pass
3	5749.800	99.23	--	--	Peak	61.00	150	Horizontal	N/A
3**	5749.800	91.88	--	--	AV	61.00	150	Horizontal	N/A
4	7550.562	45.98	74.0	28.02	Peak	0.00	200	Horizontal	Pass
4**	7550.562	37.00	54.0	17.00	AV	0.00	200	Horizontal	Pass
5	11326.012	47.51	74.0	26.49	Peak	190.00	150	Horizontal	Pass
5**	11326.012	38.17	54.0	15.83	AV	190.00	150	Horizontal	Pass
6	15808.388	50.72	74.0	23.28	Peak	267.00	200	Horizontal	Pass
6**	15808.388	40.37	54.0	13.63	AV	267.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.300	37.72	74.0	36.28	Peak	245.00	200	Vertical	Pass
1**	1517.300	28.60	54.0	25.40	AV	245.00	200	Vertical	Pass
2	3726.600	47.73	74.0	26.27	Peak	141.00	100	Vertical	Pass
2**	3726.600	38.10	54.0	15.90	AV	141.00	100	Vertical	Pass
3	5749.000	95.36	--	--	Peak	63.00	150	Vertical	N/A
3**	5749.000	87.95	--	--	AV	63.00	150	Vertical	N/A
4	7442.750	45.95	74.0	28.05	Peak	167.00	100	Vertical	Pass
4**	7442.750	36.86	54.0	17.14	AV	167.00	100	Vertical	Pass
5	11890.088	47.75	74.0	26.25	Peak	21.00	200	Vertical	Pass
5**	11890.088	38.23	54.0	15.77	AV	21.00	200	Vertical	Pass
6	16160.137	49.93	74.0	24.07	Peak	27.00	300	Vertical	Pass
6**	16160.137	40.57	54.0	13.43	AV	27.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.200	37.39	74.0	36.61	Peak	291.00	100	Horizontal	Pass
1**	1526.200	27.11	54.0	26.89	AV	291.00	100	Horizontal	Pass
2	4089.600	47.78	74.0	26.22	Peak	0.00	100	Horizontal	Pass
2**	4089.600	38.44	54.0	15.56	AV	0.00	100	Horizontal	Pass
3	5782.200	101.12	--	--	Peak	31.00	150	Horizontal	N/A
3**	5782.200	94.14	--	--	AV	31.00	150	Horizontal	N/A
4	7499.388	45.62	74.0	28.38	Peak	121.00	300	Horizontal	Pass
4**	7499.388	36.56	54.0	17.44	AV	121.00	300	Horizontal	Pass
5	12459.912	47.82	74.0	26.18	Peak	341.00	100	Horizontal	Pass
5**	12459.912	37.72	54.0	16.28	AV	341.00	100	Horizontal	Pass
6	15582.375	50.26	74.0	23.74	Peak	172.00	300	Horizontal	Pass
6**	15582.375	41.32	54.0	12.68	AV	172.00	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	1494.400	38.88	74.0	35.12	Peak	162.00	300	Vertical	Pass
1**	1494.400	31.66	54.0	22.34	AV	162.00	300	Vertical	Pass
2	3996.600	48.72	74.0	25.28	Peak	0.00	400	Vertical	Pass
2**	3996.600	38.76	54.0	15.24	AV	0.00	400	Vertical	Pass
3	5783.800	98.35	--	--	Peak	280.00	200	Vertical	N/A
3**	5783.800	91.32	--	--	AV	280.00	200	Vertical	N/A
4	7407.100	45.58	74.0	28.42	Peak	218.00	100	Vertical	Pass
4**	7407.100	36.12	54.0	17.88	AV	218.00	100	Vertical	Pass
5	11901.875	47.39	74.0	26.61	Peak	22.00	100	Vertical	Pass
5**	11901.875	38.73	54.0	15.27	AV	22.00	100	Vertical	Pass
6	15811.276	50.15	74.0	23.85	Peak	91.00	400	Vertical	Pass
6**	15811.276	40.71	54.0	13.29	AV	91.00	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	1460.000	37.50	74.0	36.50	Peak	175.00	200	Horizontal	Pass
1**	1460.000	28.29	54.0	25.71	AV	175.00	200	Horizontal	Pass
2	4146.600	48.20	74.0	25.80	Peak	317.00	300	Horizontal	Pass
2**	4146.600	39.15	54.0	14.85	AV	317.00	300	Horizontal	Pass
3	5829.600	99.08	--	--	Peak	333.00	150	Horizontal	N/A
3**	5829.600	91.38	--	--	AV	333.00	150	Horizontal	N/A
4	7392.725	45.58	74.0	28.42	Peak	139.00	300	Horizontal	Pass
4**	7392.725	36.50	54.0	17.50	AV	139.00	300	Horizontal	Pass
5	12485.500	47.30	74.0	26.70	Peak	38.00	100	Horizontal	Pass
5**	12485.500	37.39	54.0	16.61	AV	38.00	100	Horizontal	Pass
6	15575.812	49.51	74.0	24.49	Peak	0.00	200	Horizontal	Pass
6**	15575.812	40.06	54.0	13.94	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.600	37.19	74.0	36.81	Peak	113.00	100	Vertical	Pass
1**	1572.600	28.35	54.0	25.65	AV	113.00	100	Vertical	Pass
2	4093.800	48.35	74.0	25.65	Peak	218.00	400	Vertical	Pass
2**	4093.800	38.30	54.0	15.70	AV	218.00	400	Vertical	Pass
3	5829.000	99.38	--	--	Peak	35.00	200	Vertical	N/A
3**	5829.000	91.57	--	--	AV	35.00	200	Vertical	N/A
4	7432.112	46.16	74.0	27.84	Peak	130.00	300	Vertical	Pass
4**	7432.112	37.05	54.0	16.95	AV	130.00	300	Vertical	Pass
5	12482.050	48.33	74.0	25.67	Peak	335.00	150	Vertical	Pass
5**	12482.050	37.94	54.0	16.06	AV	335.00	150	Vertical	Pass
6	16060.387	50.46	74.0	23.54	Peak	266.00	100	Vertical	Pass
6**	16060.387	40.25	54.0	13.75	AV	266.00	100	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	1562.100	37.62	74.0	36.38	Peak	296.00	100	Horizontal	Pass
1**	1562.100	28.35	54.0	25.65	AV	296.00	100	Horizontal	Pass
2	4179.000	47.69	74.0	26.31	Peak	161.00	200	Horizontal	Pass
2**	4179.000	38.06	54.0	15.94	AV	161.00	200	Horizontal	Pass
3	5764.200	97.07	--	--	Peak	49.00	200	Horizontal	N/A
3**	5764.200	89.40	--	--	AV	49.00	200	Horizontal	N/A
4	7386.975	46.28	74.0	27.72	Peak	309.00	300	Horizontal	Pass
4**	7386.975	36.14	54.0	17.86	AV	309.00	300	Horizontal	Pass
5	11883.475	48.07	74.0	25.93	Peak	40.00	150	Horizontal	Pass
5**	11883.475	39.18	54.0	14.82	AV	40.00	150	Horizontal	Pass
6	15564.526	50.21	74.0	23.79	Peak	81.00	200	Horizontal	Pass
6**	15564.526	40.45	54.0	13.55	AV	81.00	200	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	1495.500	38.31	74.0	35.69	Peak	101.00	300	Vertical	Pass
1**	1495.500	28.20	54.0	25.80	AV	101.00	300	Vertical	Pass
2	3853.800	48.08	74.0	25.92	Peak	314.00	200	Vertical	Pass
2**	3853.800	36.87	54.0	17.13	AV	314.00	200	Vertical	Pass
3	5771.600	94.28	--	--	Peak	47.00	150	Vertical	N/A
3**	5771.600	85.92	--	--	AV	47.00	150	Vertical	N/A
4	7437.000	46.17	74.0	27.83	Peak	95.00	200	Vertical	Pass
4**	7437.000	37.36	54.0	16.64	AV	95.00	200	Vertical	Pass
5	11990.425	47.45	74.0	26.55	Peak	71.00	200	Vertical	Pass
5**	11990.425	37.68	54.0	16.32	AV	71.00	200	Vertical	Pass
6	15811.013	49.97	74.0	24.03	Peak	0.00	400	Vertical	Pass
6**	15811.013	40.55	54.0	13.45	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.000	37.96	74.0	36.04	Peak	178.00	400	Horizontal	Pass
1**	1562.000	28.25	54.0	25.75	AV	178.00	400	Horizontal	Pass
2	4379.600	48.00	74.0	26.00	Peak	31.00	100	Horizontal	Pass
2**	4379.600	38.43	54.0	15.57	AV	31.00	100	Horizontal	Pass
3	5781.000	97.60	--	--	Peak	47.00	100	Horizontal	N/A
3**	5781.000	89.82	--	--	AV	47.00	100	Horizontal	N/A
4	7320.563	46.26	74.0	27.74	Peak	69.00	100	Horizontal	Pass
4**	7320.563	36.47	54.0	17.53	AV	69.00	100	Horizontal	Pass
5	11288.063	47.41	74.0	26.59	Peak	263.00	150	Horizontal	Pass
5**	11288.063	38.02	54.0	15.98	AV	263.00	150	Horizontal	Pass
6	15706.537	50.40	74.0	23.60	Peak	270.00	300	Horizontal	Pass
6**	15706.537	39.59	54.0	14.41	AV	270.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	38.68	74.0	35.32	Peak	100.00	300	Vertical	Pass
1**	1498.500	28.08	54.0	25.92	AV	100.00	300	Vertical	Pass
2	4047.200	48.35	74.0	25.65	Peak	222.00	400	Vertical	Pass
2**	4047.200	38.18	54.0	15.82	AV	222.00	400	Vertical	Pass
3	5778.000	93.06	--	--	Peak	48.00	200	Vertical	N/A
3**	5778.000	84.94	--	--	AV	48.00	200	Vertical	N/A
4	7502.263	46.14	74.0	27.86	Peak	215.00	300	Vertical	Pass
4**	7502.263	37.54	54.0	16.46	AV	215.00	300	Vertical	Pass
5	11879.737	47.44	74.0	26.56	Peak	19.00	150	Vertical	Pass
5**	11879.737	37.62	54.0	16.38	AV	19.00	150	Vertical	Pass
6	16170.375	50.60	74.0	23.40	Peak	216.00	400	Vertical	Pass
6**	16170.375	40.33	54.0	13.67	AV	216.00	400	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	1539.100	37.29	74.0	36.71	Peak	87.00	200	Horizontal	Pass
1**	1539.100	28.27	54.0	25.73	AV	87.00	200	Horizontal	Pass
2	4138.200	47.81	74.0	26.19	Peak	360.00	100	Horizontal	Pass
2**	4138.200	38.23	54.0	15.77	AV	360.00	100	Horizontal	Pass
3	5752.000	99.30	--	--	Peak	63.00	150	Horizontal	N/A
3**	5752.000	91.22	--	--	AV	63.00	150	Horizontal	N/A
4	7350.175	45.92	74.0	28.08	Peak	336.00	200	Horizontal	Pass
4**	7350.175	36.12	54.0	17.88	AV	336.00	200	Horizontal	Pass
5	12316.162	48.03	74.0	25.97	Peak	336.00	200	Horizontal	Pass
5**	12316.162	37.66	54.0	16.34	AV	336.00	200	Horizontal	Pass
6	15812.325	50.24	74.0	23.76	Peak	53.00	100	Horizontal	Pass
6**	15812.325	40.86	54.0	13.14	AV	53.00	100	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	1559.900	38.34	74.0	35.66	Peak	270.00	300	Vertical	Pass
1**	1559.900	28.08	54.0	25.92	AV	270.00	300	Vertical	Pass
2	4227.400	48.68	74.0	25.32	Peak	343.00	200	Vertical	Pass
2**	4227.400	38.20	54.0	15.80	AV	343.00	200	Vertical	Pass
3	5751.400	96.19	--	--	Peak	60.00	100	Vertical	N/A
3**	5751.400	87.64	--	--	AV	60.00	100	Vertical	N/A
4	7389.850	46.46	74.0	27.54	Peak	20.00	400	Vertical	Pass
4**	7389.850	36.20	54.0	17.80	AV	20.00	400	Vertical	Pass
5	11949.600	47.37	74.0	26.63	Peak	263.00	100	Vertical	Pass
5**	11949.600	37.24	54.0	16.76	AV	263.00	100	Vertical	Pass
6	15573.450	50.40	74.0	23.60	Peak	106.00	300	Vertical	Pass
6**	15573.450	41.18	54.0	12.82	AV	106.00	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	1452.600	37.83	74.0	36.17	Peak	1.00	200	Horizontal	Pass
1**	1452.600	27.61	54.0	26.39	AV	1.00	200	Horizontal	Pass
2	4091.600	47.74	74.0	26.26	Peak	14.00	100	Horizontal	Pass
2**	4091.600	38.69	54.0	15.31	AV	14.00	100	Horizontal	Pass
3	5781.600	101.18	--	--	Peak	45.00	200	Horizontal	N/A
3**	5781.600	93.69	--	--	AV	45.00	200	Horizontal	N/A
4	7439.013	46.27	74.0	27.73	Peak	122.00	200	Horizontal	Pass
4**	7439.013	36.83	54.0	17.17	AV	122.00	200	Horizontal	Pass
5	11754.963	47.61	74.0	26.39	Peak	316.00	100	Horizontal	Pass
5**	11754.963	37.13	54.0	16.87	AV	316.00	100	Horizontal	Pass
6	15611.775	49.90	74.0	24.10	Peak	0.00	200	Horizontal	Pass
6**	15611.775	40.27	54.0	13.73	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	37.87	74.0	36.13	Peak	219.00	200	Vertical	Pass
1**	1494.400	28.35	54.0	25.65	AV	219.00	200	Vertical	Pass
2	4230.800	48.11	74.0	25.89	Peak	64.00	100	Vertical	Pass
2**	4230.800	38.73	54.0	15.27	AV	64.00	100	Vertical	Pass
3	5781.200	98.92	--	--	Peak	298.00	150	Vertical	N/A
3**	5781.200	91.57	--	--	AV	298.00	150	Vertical	N/A
4	7330.337	46.22	74.0	27.78	Peak	360.00	300	Vertical	Pass
4**	7330.337	37.03	54.0	16.97	AV	360.00	300	Vertical	Pass
5	10897.637	47.54	74.0	26.46	Peak	339.00	150	Vertical	Pass
5**	10897.637	37.85	54.0	16.15	AV	339.00	150	Vertical	Pass
6	15527.250	50.08	74.0	23.92	Peak	299.00	200	Vertical	Pass
6**	15527.250	40.78	54.0	13.22	AV	299.00	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	1495.400	37.46	74.0	36.54	Peak	260.00	100	Horizontal	Pass
1**	1495.400	27.89	54.0	26.11	AV	260.00	100	Horizontal	Pass
2	4147.600	47.66	74.0	26.34	Peak	304.00	300	Horizontal	Pass
2**	4147.600	37.54	54.0	16.46	AV	304.00	300	Horizontal	Pass
3	5828.600	99.08	--	--	Peak	64.00	100	Horizontal	N/A
3**	5828.600	91.65	--	--	AV	64.00	100	Horizontal	N/A
4	7400.200	46.31	74.0	27.69	Peak	0.00	200	Horizontal	Pass
4**	7400.200	36.85	54.0	17.15	AV	0.00	200	Horizontal	Pass
5	11306.750	47.31	74.0	26.69	Peak	115.00	200	Horizontal	Pass
5**	11306.750	37.95	54.0	16.05	AV	115.00	200	Horizontal	Pass
6	15503.362	49.71	74.0	24.29	Peak	28.00	200	Horizontal	Pass
6**	15503.362	40.41	54.0	13.59	AV	28.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	40.52	74.0	33.48	Peak	143.00	200	Vertical	Pass
1**	1494.400	29.69	54.0	24.31	AV	143.00	200	Vertical	Pass
2	4308.400	47.63	74.0	26.37	Peak	360.00	100	Vertical	Pass
2**	4308.400	37.81	54.0	16.19	AV	360.00	100	Vertical	Pass
3	5831.400	97.20	--	--	Peak	303.00	100	Vertical	N/A
3**	5831.400	89.24	--	--	AV	303.00	100	Vertical	N/A
4	7492.200	45.75	74.0	28.25	Peak	197.00	300	Vertical	Pass
4**	7492.200	36.44	54.0	17.56	AV	197.00	300	Vertical	Pass
5	11299.562	47.78	74.0	26.22	Peak	22.00	200	Vertical	Pass
5**	11299.562	38.00	54.0	16.00	AV	22.00	200	Vertical	Pass
6	16188.750	49.90	74.0	24.10	Peak	137.00	300	Vertical	Pass
6**	16188.750	41.00	54.0	13.00	AV	137.00	300	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	1507.900	37.39	74.0	36.61	Peak	229.00	200	Horizontal	Pass
1**	1507.900	27.77	54.0	26.23	AV	229.00	200	Horizontal	Pass
2	4066.400	47.51	74.0	26.49	Peak	0.00	300	Horizontal	Pass
2**	4066.400	38.62	54.0	15.38	AV	0.00	300	Horizontal	Pass
3	5765.800	97.42	--	--	Peak	46.00	200	Horizontal	N/A
3**	5765.800	88.82	--	--	AV	46.00	200	Horizontal	N/A
4	7465.462	46.27	74.0	27.73	Peak	289.00	300	Horizontal	Pass
4**	7465.462	36.45	54.0	17.55	AV	289.00	300	Horizontal	Pass
5	12593.025	47.85	74.0	26.15	Peak	289.00	200	Horizontal	Pass
5**	12593.025	38.80	54.0	15.20	AV	289.00	200	Horizontal	Pass
6	15865.088	50.00	74.0	24.00	Peak	27.00	400	Horizontal	Pass
6**	15865.088	40.52	54.0	13.48	AV	27.00	400	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	1497.400	39.21	74.0	34.79	Peak	129.00	200	Vertical	Pass
1**	1497.400	30.20	54.0	23.80	AV	129.00	200	Vertical	Pass
2	4382.800	47.74	74.0	26.26	Peak	45.00	200	Vertical	Pass
2**	4382.800	39.66	54.0	14.34	AV	45.00	200	Vertical	Pass
3	5770.200	93.74	--	--	Peak	45.00	200	Vertical	N/A
3**	5770.200	85.66	--	--	AV	45.00	200	Vertical	N/A
4	7482.713	46.30	74.0	27.70	Peak	168.00	400	Vertical	Pass
4**	7482.713	37.22	54.0	16.78	AV	168.00	400	Vertical	Pass
5	11324.287	47.51	74.0	26.49	Peak	264.00	100	Vertical	Pass
5**	11324.287	38.39	54.0	15.61	AV	264.00	100	Vertical	Pass
6	15568.463	50.02	74.0	23.98	Peak	271.00	300	Vertical	Pass
6**	15568.463	41.53	54.0	12.47	AV	271.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.700	37.84	74.0	36.16	Peak	261.00	300	Horizontal	Pass
1**	1552.700	28.21	54.0	25.79	AV	261.00	300	Horizontal	Pass
2	3760.600	48.17	74.0	25.83	Peak	16.00	200	Horizontal	Pass
2**	3760.600	37.72	54.0	16.28	AV	16.00	200	Horizontal	Pass
3	5782.600	98.12	--	--	Peak	47.00	100	Horizontal	N/A
3**	5782.600	90.14	--	--	AV	47.00	100	Horizontal	N/A
4	7484.150	45.95	74.0	28.05	Peak	0.00	100	Horizontal	Pass
4**	7484.150	37.15	54.0	16.85	AV	0.00	100	Horizontal	Pass
5	12333.125	48.55	74.0	25.45	Peak	265.00	150	Horizontal	Pass
5**	12333.125	37.30	54.0	16.70	AV	265.00	150	Horizontal	Pass
6	16033.350	50.62	74.0	23.38	Peak	108.00	200	Horizontal	Pass
6**	16033.350	40.47	54.0	13.53	AV	108.00	200	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	1547.100	37.58	74.0	36.42	Peak	128.00	200	Vertical	Pass
1**	1547.100	28.13	54.0	25.87	AV	128.00	200	Vertical	Pass
2	4378.800	48.26	74.0	25.74	Peak	360.00	200	Vertical	Pass
2**	4378.800	38.40	54.0	15.60	AV	360.00	200	Vertical	Pass
3	5781.800	93.87	--	--	Peak	82.00	200	Vertical	N/A
3**	5781.800	85.52	--	--	AV	82.00	200	Vertical	N/A
4	7439.300	45.61	74.0	28.39	Peak	360.00	300	Vertical	Pass
4**	7439.300	37.08	54.0	16.92	AV	360.00	300	Vertical	Pass
5	11882.900	47.16	74.0	26.84	Peak	217.00	150	Vertical	Pass
5**	11882.900	38.47	54.0	15.53	AV	217.00	150	Vertical	Pass
6	15581.587	50.90	74.0	23.10	Peak	270.00	300	Vertical	Pass
6**	15581.587	40.89	54.0	13.11	AV	270.00	300	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	1514.200	38.73	74.0	35.27	Peak	186.00	300	Horizontal	Pass
1**	1514.200	27.58	54.0	26.42	AV	186.00	300	Horizontal	Pass
2	3848.200	48.38	74.0	25.62	Peak	360.00	100	Horizontal	Pass
2**	3848.200	38.17	54.0	15.83	AV	360.00	100	Horizontal	Pass
3	5794.400	96.18	--	--	Peak	47.00	100	Horizontal	N/A
3**	5794.400	89.33	--	--	AV	47.00	100	Horizontal	N/A
4	7532.738	46.12	74.0	27.88	Peak	243.00	300	Horizontal	Pass
4**	7532.738	36.70	54.0	17.30	AV	243.00	300	Horizontal	Pass
5	11909.925	47.63	74.0	26.37	Peak	360.00	100	Horizontal	Pass
5**	11909.925	38.25	54.0	15.75	AV	360.00	100	Horizontal	Pass
6	15571.350	49.94	74.0	24.06	Peak	325.00	100	Horizontal	Pass
6**	15571.350	41.44	54.0	12.56	AV	325.00	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	1491.100	38.10	74.0	35.90	Peak	52.00	100	Vertical	Pass
1**	1491.100	28.10	54.0	25.90	AV	52.00	100	Vertical	Pass
2	4398.400	47.56	74.0	26.44	Peak	96.00	100	Vertical	Pass
2**	4398.400	37.69	54.0	16.31	AV	96.00	100	Vertical	Pass
3	5798.800	91.18	--	--	Peak	48.00	100	Vertical	N/A
3**	5798.800	83.25	--	--	AV	48.00	100	Vertical	N/A
4	7539.350	45.86	74.0	28.14	Peak	215.00	300	Vertical	Pass
4**	7539.350	36.41	54.0	17.59	AV	215.00	300	Vertical	Pass
5	12603.375	47.71	74.0	26.29	Peak	116.00	150	Vertical	Pass
5**	12603.375	38.75	54.0	15.25	AV	116.00	150	Vertical	Pass
6	16009.987	49.97	74.0	24.03	Peak	54.00	300	Vertical	Pass
6**	16009.987	40.68	54.0	13.32	AV	54.00	300	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(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	5149.025	66.75	74.0	7.25	Peak	33.00	150	Horizontal	Pass
1**	5149.025	48.91	54.0	5.09	AV	33.00	150	Horizontal	Pass
2	5150.000	64.08	74.0	9.92	Peak	346.00	150	Horizontal	Pass
2**	5150.000	49.29	54.0	4.71	AV	346.00	150	Horizontal	Pass
3	5149.350	60.67	74.0	13.33	Peak	20.00	150	Horizontal	Pass
3**	5149.350	49.98	54.0	4.02	AV	20.00	150	Horizontal	Pass

U-NII-1 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.32	74.0	16.68	Peak	142.00	150	Horizontal	Pass
1**	5350.055	46.85	54.0	7.15	AV	142.00	150	Horizontal	Pass
2	5432.390	59.16	74.0	14.84	Peak	0.00	200	Horizontal	Pass
2**	5432.390	47.58	54.0	6.42	AV	0.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	65.06	74.0	8.94	Peak	340.00	150	Horizontal	Pass
1**	5148.700	49.47	54.0	4.53	AV	340.00	150	Horizontal	Pass
2	5150.000	63.31	74.0	10.69	Peak	340.00	200	Horizontal	Pass
2**	5150.000	49.93	54.0	4.07	AV	340.00	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	56.82	74.0	17.18	Peak	287.00	100	Horizontal	Pass
1**	5350.000	46.89	54.0	7.11	AV	287.00	100	Horizontal	Pass
2	5447.405	59.49	74.0	14.51	Peak	307.00	200	Horizontal	Pass
2**	5447.405	47.55	54.0	6.45	AV	307.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	64.27	74.0	9.73	Peak	18.00	200	Horizontal	Pass
1**	5149.675	50.42	54.0	3.58	AV	18.00	200	Horizontal	Pass
2	5150.000	61.74	74.0	12.26	Peak	43.00	200	Horizontal	Pass
2**	5150.000	50.65	54.0	3.35	AV	43.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.00	74.0	16.00	Peak	360.00	200	Horizontal	Pass
1**	5350.000	47.02	54.0	6.98	AV	360.00	200	Horizontal	Pass
2	5428.375	60.07	74.0	13.93	Peak	360.00	100	Horizontal	Pass
2**	5428.375	47.61	54.0	6.39	AV	360.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	64.62	74.0	9.38	Peak	29.00	150	Horizontal	Pass
1**	5148.700	49.65	54.0	4.35	AV	29.00	150	Horizontal	Pass
2	5150.000	64.50	74.0	9.50	Peak	32.00	100	Horizontal	Pass
2**	5150.000	49.82	54.0	4.18	AV	32.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.55	74.0	17.45	Peak	309.00	150	Horizontal	Pass
1**	5350.000	47.09	54.0	6.91	AV	309.00	150	Horizontal	Pass
2	5457.360	59.17	74.0	14.83	Peak	360.00	200	Horizontal	Pass
2**	5457.360	47.79	54.0	6.21	AV	360.00	200	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	5149.350	62.18	74.0	11.82	Peak	339.00	100	Horizontal	Pass
1**	5149.350	49.92	54.0	4.08	AV	339.00	100	Horizontal	Pass
2	5150.000	61.56	74.0	12.44	Peak	339.00	100	Horizontal	Pass
2**	5150.000	49.82	54.0	4.18	AV	339.00	100	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	56.42	74.0	17.58	Peak	53.00	150	Horizontal	Pass
1**	5350.000	46.89	54.0	7.11	AV	53.00	150	Horizontal	Pass
2	5408.465	59.02	74.0	14.98	Peak	2.00	200	Horizontal	Pass
2**	5408.465	47.52	54.0	6.48	AV	2.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	62.96	74.0	11.04	Peak	31.00	100	Horizontal	Pass
1**	5149.675	50.53	54.0	3.47	AV	31.00	100	Horizontal	Pass
2	5150.000	65.43	74.0	8.57	Peak	358.00	150	Horizontal	Pass
2**	5150.000	50.44	54.0	3.56	AV	358.00	150	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	57.11	74.0	16.89	Peak	56.00	100	Horizontal	Pass
1**	5350.000	46.92	54.0	7.08	AV	56.00	100	Horizontal	Pass
2	5448.395	59.82	74.0	14.18	Peak	174.00	100	Horizontal	Pass
2**	5448.395	47.61	54.0	6.39	AV	174.00	100	Horizontal	Pass

U-NII-3 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.700	61.98	68.2	6.22	Peak	151.00	200	Horizontal	Pass
2	5650.000	59.30	68.2	8.90	Peak	350.00	150	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	60.36	68.2	7.84	Peak	46.00	100	Horizontal	Pass
2	5930.750	62.24	68.2	5.96	Peak	0.00	150	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	5626.900	61.75	68.2	6.45	Peak	333.00	100	Horizontal	Pass
2	5650.000	60.26	68.2	7.94	Peak	344.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	60.23	68.2	7.97	Peak	345.00	100	Horizontal	Pass
2	5937.200	61.99	68.2	6.21	Peak	243.00	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	5646.750	61.40	68.2	6.80	Peak	134.00	150	Horizontal	Pass
2	5650.000	60.28	68.2	7.92	Peak	0.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	60.28	68.2	7.92	Peak	334.00	200	Horizontal	Pass
2	5944.100	62.42	68.2	5.78	Peak	291.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.650	61.83	68.2	6.37	Peak	27.00	100	Horizontal	Pass
2	5650.000	59.34	68.2	8.86	Peak	126.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	60.94	68.2	7.26	Peak	246.00	200	Horizontal	Pass
2	5940.400	62.07	68.2	6.13	Peak	249.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.800	61.52	68.2	6.68	Peak	278.00	150	Horizontal	Pass
2	5650.000	58.84	68.2	9.36	Peak	31.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	59.45	68.2	8.75	Peak	36.00	200	Horizontal	Pass
2	5933.050	62.22	68.2	5.98	Peak	19.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.250	61.72	68.2	6.48	Peak	161.00	200	Horizontal	Pass
2	5650.000	59.14	68.2	9.06	Peak	39.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	59.72	68.2	8.48	Peak	0.00	200	Horizontal	Pass
2	5931.300	62.28	68.2	5.92	Peak	102.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2570508-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2570508-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2570508-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--