

TEST REPORT

Applicant: Shenzhen SEI Robotics Co., Ltd.
Address: 11F, Kangtai Innovation Plaza Building A, No. 222Kefa Road, Yue Hai Sub-district, Nanshan District, Shenzhen
Equipment Type: stick
Model Name: optistick4 (refer to section 2.3)
Brand Name: OptiSigns
FCC ID: 2AOVU-D2OTS
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Dec. 31, 2025
Test Date: Jan. 08, 2026 - Jan. 30, 2026
Date of Issue: Apr. 24, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yang Wenxuan**Checked by:** Ye Hongji**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Mar. 23, 2026</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Apr. 24, 2026</u>	<u>Section A.1 has added duty cycle plots</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, 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	Shenzhen SEI Robotics Co., Ltd.
Address	11F, Kangtai Innovation Plaza Building A, No. 222Kefa Road, Yue Hai Sub-district, Nanshan District, Shenzhen

2.2 Manufacturer Information

Manufacturer	OptiSigns Inc.
Address	7676 Hillmont Street, 290N, Houston, Texas, 77040, USA

2.3 General Description for Equipment under Test (EUT)

EUT Name	stick
Model Name Under Test	optistick4
Series Model Name	SEI900D2OTS, SN8BSDA, SN8BSXX(X=A,B,C...X,Y,Z)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Hardware Version	SMB.525.01
Software Version	v14.9.6617
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation technology	OFDM, OFDMA	
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9 802.11ax up to 1201 Mbps	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 37.79 mW U-NII-3: 39.13 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax	
Antenna Type	ANT1	PIFA Antenna
	ANT2	
Antenna Gain	ANT1	U-NII-1: 5150 MHz to 5250 MHz: 0.05 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.22 dBi
	ANT2	U-NII-1: 5150 MHz to 5250 MHz: 0.25 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.03 dBi
Total directional gain	For power spectral density (PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 0.15 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 3.16 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.92 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
	For power	Correlated:

measurements	U-NII-1: 5150 MHz to 5250 MHz: 0.15 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.09 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 3.16 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.92 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
About the Product	The equipment is stick, intended for used with information technology equipment.

Mode	Antenna		
	ANT1	ANT2	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

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

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)/ax(HE20)

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

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

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

For 802.11ac(VHT80)/ax(HE80)

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

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
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		N/A	165/157/149
	11ax(40 MHz)	8		N/A	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/36	165/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		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	ANSI C63.10-2020	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	46% to 68%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.3℃ to +25.4℃
Working Voltage of the EUT	NV (Normal Voltage)	5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2025.04.01	2026.03.31
LISN	SCHWARZBECK MESS- ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04
EMI Receiver	ROHDE&SCHWA RZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2024.07.13	2027.07.12

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

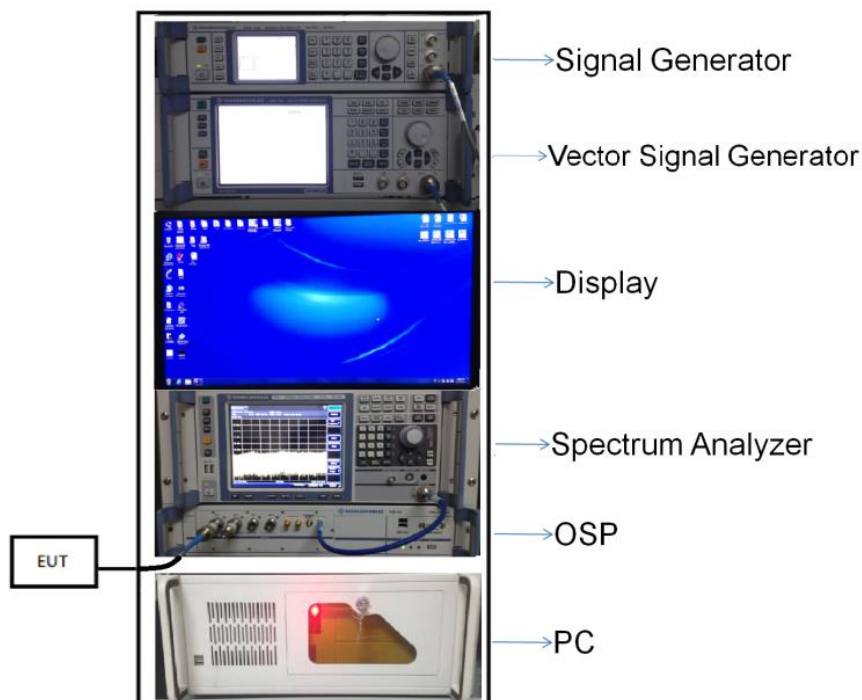
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

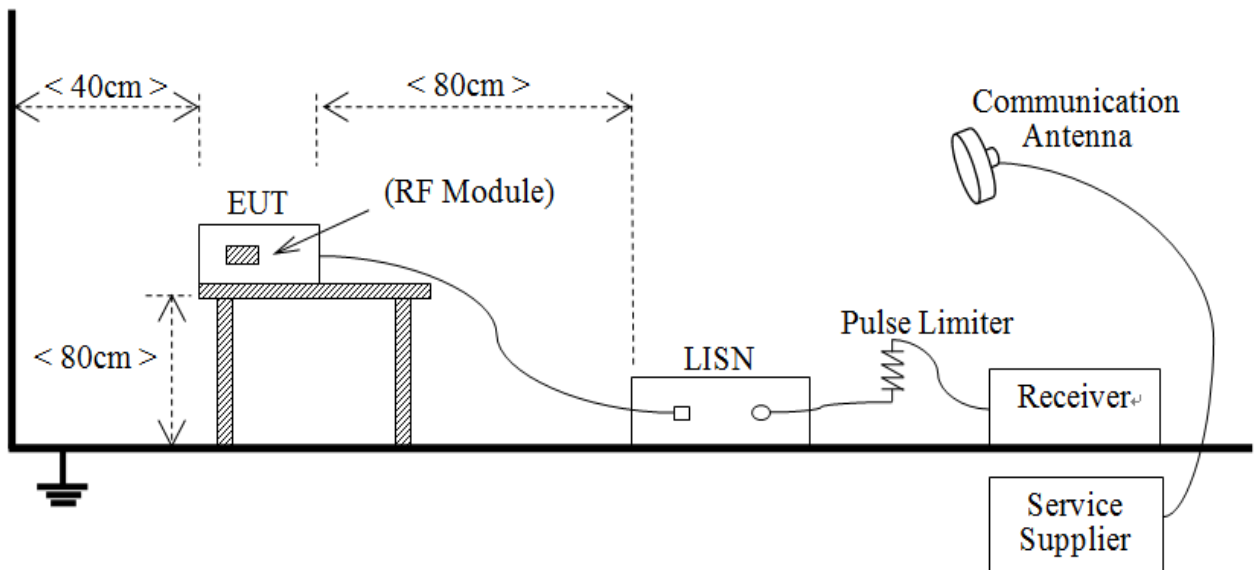
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



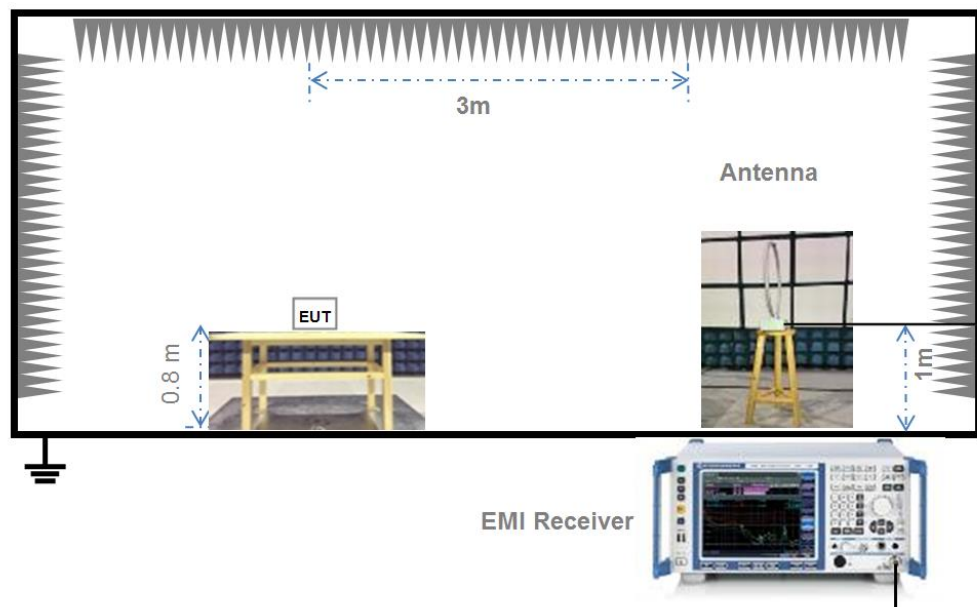
(Diagram 1)

4.5.2 For AC Power Supply Port Test



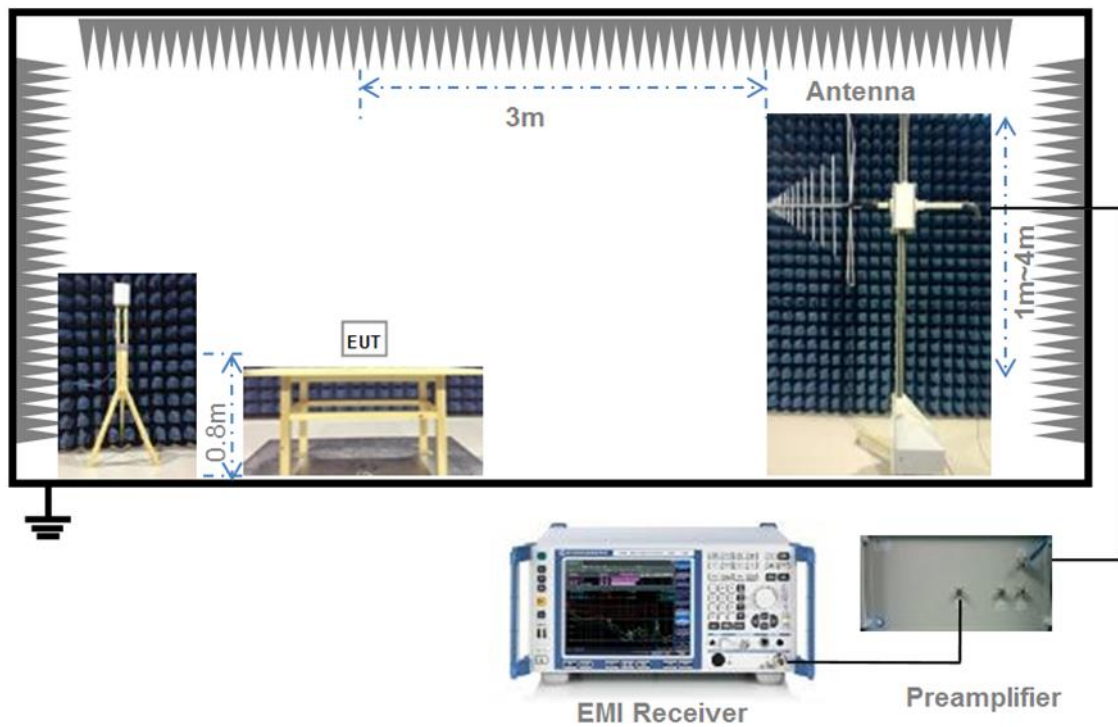
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



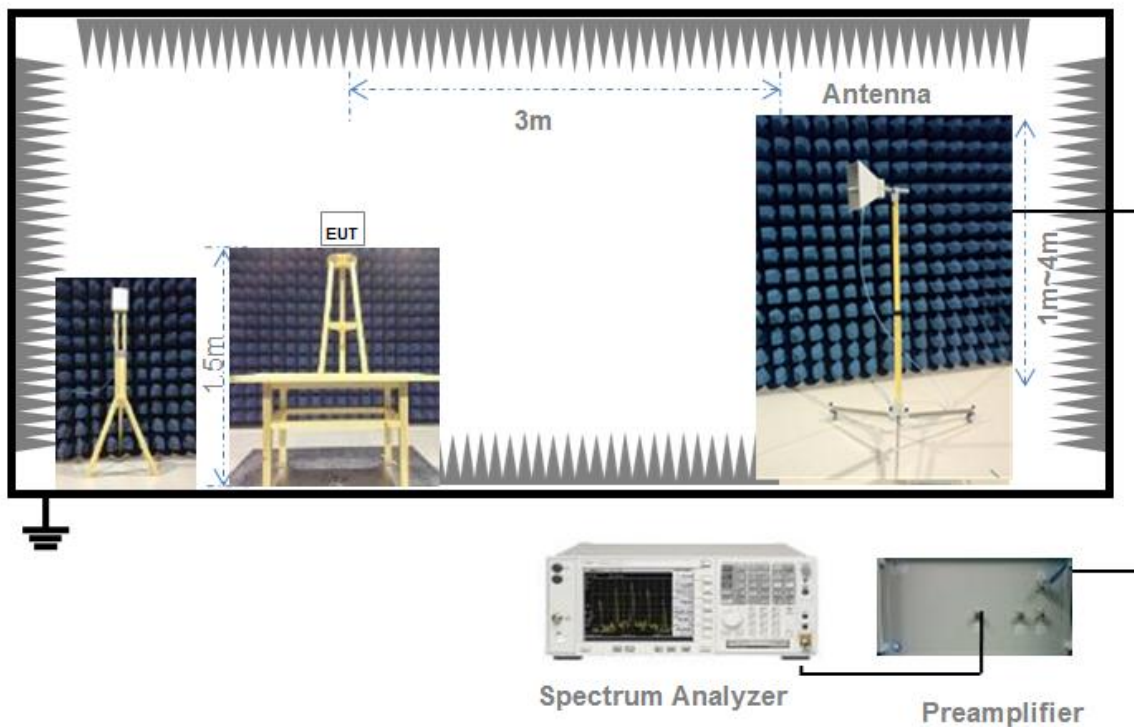
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20 \log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

e) Compare the resultant electric field strength level to the applicable limit.

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

a) RBW = as specified in Table 1.

b) VBW $\geq 3 \times$ RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall

be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit

antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

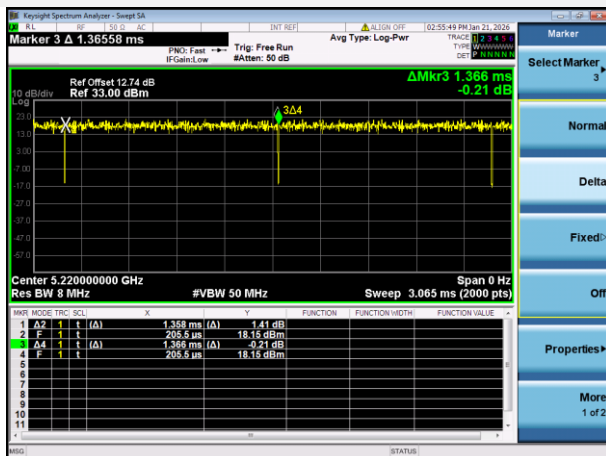
Note: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

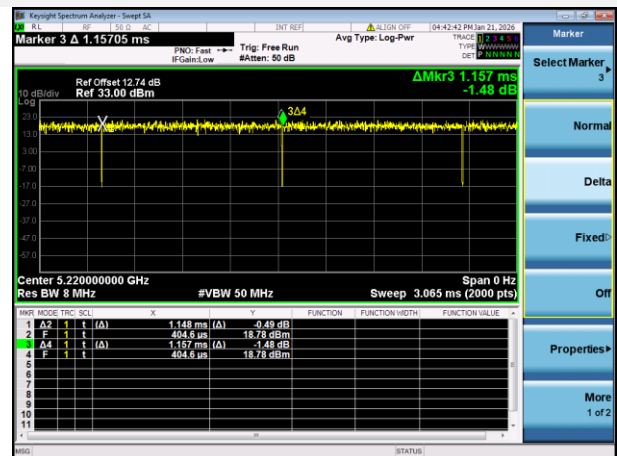
Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.358	1.366	99.41%	0.03
11n(HT20)/11ac(VHT20)	1.151	1.160	99.22%	0.03
11n(HT40)/11ac(VHT40)	0.576	0.584	98.55%	0.06
11ac(VHT80)	0.288	0.296	97.30%	0.12
11ax(HE20)	0.987	0.995	99.23%	0.03
11ax(HE40)	0.519	0.527	98.48%	0.07
11ax(HE80)	0.279	0.287	97.21%	0.12

Test Plots

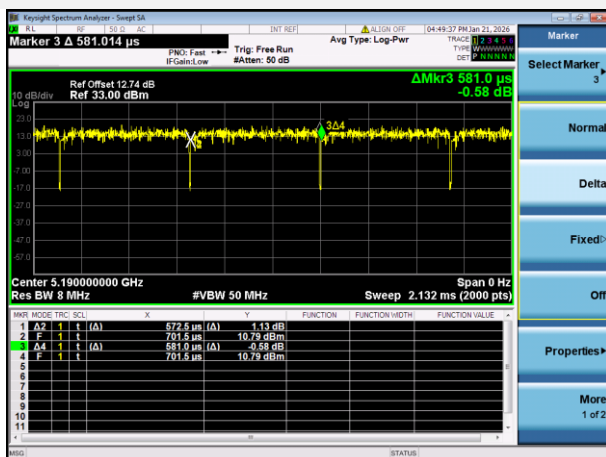
802.11a



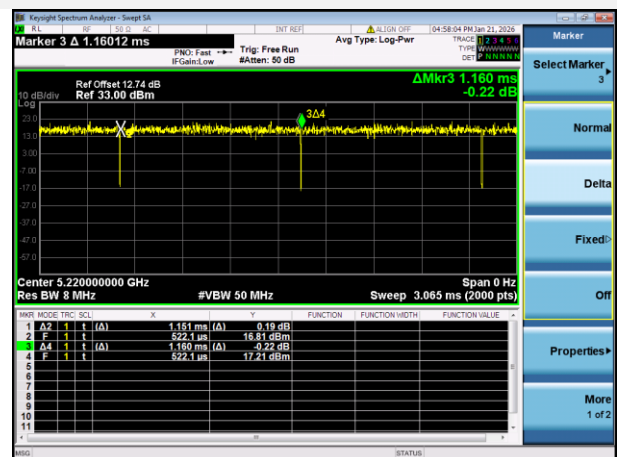
802.11n-20 MHz



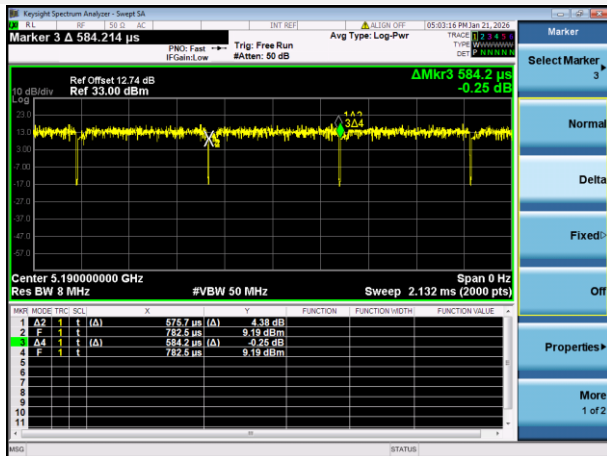
802.11n-40 MHz



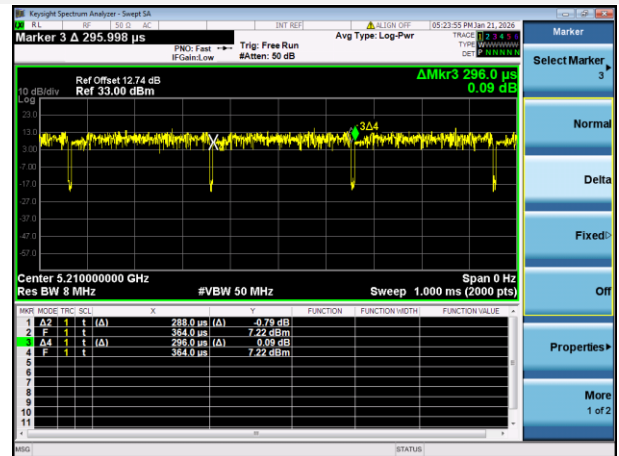
802.11ac-20 MHz



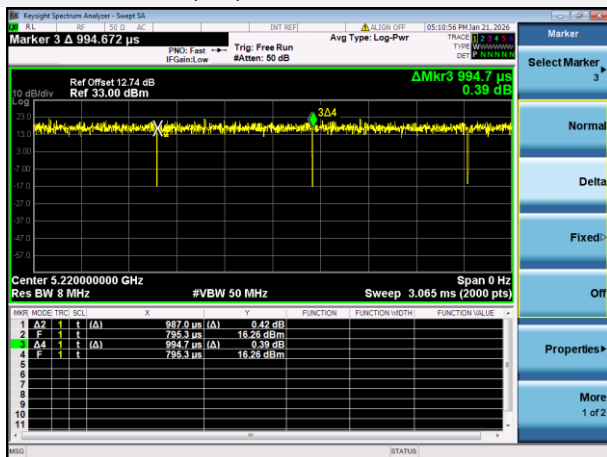
802.11ac-40 MHz



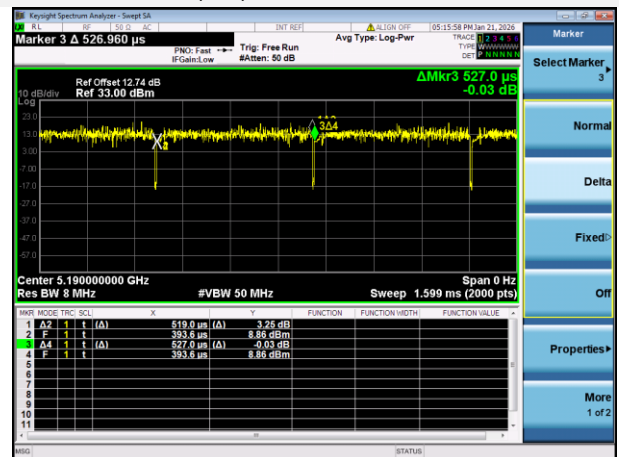
802.11ac-80 MHz



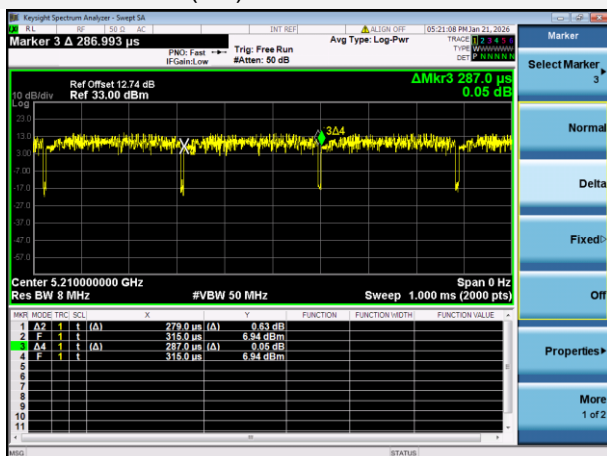
802.11ax-20 MHz(SU)



802.11ax-40 MHz(SU)



802.11ax-80 MHz(SU)



Test DataConducted PowerSISO-ANT1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.44	34.96	250	Pass
11a	CH44	15.33	34.08	250	Pass
11a	CH48	15.25	33.46	250	Pass
11n(HT20)	CH36	15.23	33.37	250	Pass
11n(HT20)	CH44	15.13	32.61	250	Pass
11n(HT20)	CH48	15.23	33.37	250	Pass
11n(HT40)	CH38	15.53	35.76	250	Pass
11n(HT40)	CH46	15.54	35.84	250	Pass
11ac(VHT20)	CH36	14.16	26.08	250	Pass
11ac(VHT20)	CH44	14.60	28.87	250	Pass
11ac(VHT20)	CH48	14.54	28.47	250	Pass
11ac(VHT40)	CH38	14.48	28.08	250	Pass
11ac(VHT40)	CH46	14.34	27.19	250	Pass
11ac(VHT80)	CH42	14.58	28.70	250	Pass
11ax(HE20)(SU)	CH36	14.08	25.61	250	Pass
11ax(HE20)(SU)	CH44	14.49	28.14	250	Pass
11ax(HE20)(SU)	CH48	14.41	27.63	250	Pass
11ax(HE40)(SU)	CH38	14.36	27.27	250	Pass
11ax(HE40)(SU)	CH46	14.29	26.83	250	Pass
11ax(HE80)(SU)	CH42	14.49	28.14	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.84	38.33	1000	Pass
11a	CH157	15.93	39.13	1000	Pass
11a	CH165	15.75	37.54	1000	Pass
11n(HT20)	CH149	15.64	36.68	1000	Pass
11n(HT20)	CH157	15.77	37.79	1000	Pass
11n(HT20)	CH165	15.65	36.76	1000	Pass
11n(HT40)	CH151	15.63	36.59	1000	Pass
11n(HT40)	CH159	15.72	37.36	1000	Pass
11ac(VHT20)	CH149	14.54	28.47	1000	Pass
11ac(VHT20)	CH157	14.60	28.87	1000	Pass
11ac(VHT20)	CH165	14.79	30.16	1000	Pass
11ac(VHT40)	CH151	14.70	29.54	1000	Pass
11ac(VHT40)	CH159	14.52	28.34	1000	Pass
11ac(VHT80)	CH155	14.71	29.57	1000	Pass
11ax(HE20)(SU)	CH149	14.33	27.13	1000	Pass
11ax(HE20)(SU)	CH157	14.91	31.00	1000	Pass
11ax(HE20)(SU)	CH165	14.74	29.81	1000	Pass
11ax(HE40)(SU)	CH151	14.45	27.84	1000	Pass
11ax(HE40)(SU)	CH159	14.71	29.56	1000	Pass
11ax(HE80)(SU)	CH155	14.58	28.73	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.33	34.08	250	Pass
11a	CH44	15.46	35.12	250	Pass
11a	CH48	15.33	34.08	250	Pass
11n(HT20)	CH36	15.77	37.79	250	Pass
11n(HT20)	CH44	15.37	34.47	250	Pass
11n(HT20)	CH48	15.38	34.54	250	Pass
11n(HT40)	CH38	15.55	35.92	250	Pass
11n(HT40)	CH46	15.58	36.17	250	Pass
11ac(VHT20)	CH36	14.30	26.94	250	Pass
11ac(VHT20)	CH44	14.28	26.82	250	Pass
11ac(VHT20)	CH48	14.18	26.20	250	Pass
11ac(VHT40)	CH38	14.49	28.14	250	Pass
11ac(VHT40)	CH46	14.49	28.14	250	Pass
11ac(VHT80)	CH42	14.55	28.50	250	Pass
11ax(HE20)(SU)	CH36	14.75	29.88	250	Pass
11ax(HE20)(SU)	CH44	14.28	26.81	250	Pass
11ax(HE20)(SU)	CH48	14.09	25.67	250	Pass
11ax(HE40)(SU)	CH38	14.47	27.97	250	Pass
11ax(HE40)(SU)	CH46	14.46	27.90	250	Pass
11ax(HE80)(SU)	CH42	14.48	28.07	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.15	32.70	1000	Pass
11a	CH157	15.47	35.20	1000	Pass
11a	CH165	15.49	35.36	1000	Pass
11n(HT20)	CH149	15.38	34.54	1000	Pass
11n(HT20)	CH157	15.45	35.11	1000	Pass
11n(HT20)	CH165	15.37	34.47	1000	Pass
11n(HT40)	CH151	15.58	36.17	1000	Pass
11n(HT40)	CH159	15.54	35.84	1000	Pass
11ac(VHT20)	CH149	14.81	30.30	1000	Pass
11ac(VHT20)	CH157	14.40	27.57	1000	Pass
11ac(VHT20)	CH165	14.58	28.73	1000	Pass
11ac(VHT40)	CH151	14.91	31.00	1000	Pass
11ac(VHT40)	CH159	14.65	29.20	1000	Pass
11ac(VHT80)	CH155	14.65	29.17	1000	Pass
11ax(HE20)(SU)	CH149	14.86	30.65	1000	Pass
11ax(HE20)(SU)	CH157	14.58	28.73	1000	Pass
11ax(HE20)(SU)	CH165	14.43	27.76	1000	Pass
11ax(HE40)(SU)	CH151	14.85	30.52	1000	Pass
11ax(HE40)(SU)	CH159	14.62	28.95	1000	Pass
11ax(HE80)(SU)	CH155	14.83	30.43	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.99	15.80	250	Pass
11a	CH44	11.98	15.76	250	Pass
11a	CH48	11.97	15.72	250	Pass
11n(HT20)	CH36	12.35	17.19	250	Pass
11n(HT20)	CH44	11.89	15.47	250	Pass
11n(HT20)	CH48	12.06	16.08	250	Pass
11n(HT40)	CH38	12.12	16.31	250	Pass
11n(HT40)	CH46	12.23	16.72	250	Pass
11ac(VHT20)	CH36	10.90	12.31	250	Pass
11ac(VHT20)	CH44	10.95	12.46	250	Pass
11ac(VHT20)	CH48	10.72	11.81	250	Pass
11ac(VHT40)	CH38	11.08	12.83	250	Pass
11ac(VHT40)	CH46	11.06	12.78	250	Pass
11ac(VHT80)	CH42	11.20	13.18	250	Pass
11ax(HE20)(SU)	CH36	11.29	13.47	250	Pass
11ax(HE20)(SU)	CH44	10.96	12.48	250	Pass
11ax(HE20)(SU)	CH48	10.62	11.54	250	Pass
11ax(HE40)(SU)	CH38	11.14	12.99	250	Pass
11ax(HE40)(SU)	CH46	11.10	12.87	250	Pass
11ax(HE80)(SU)	CH42	11.01	12.63	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.69	14.74	1000	Pass
11a	CH157	12.13	16.31	1000	Pass
11a	CH165	12.08	16.13	1000	Pass
11n(HT20)	CH149	12.03	15.97	1000	Pass
11n(HT20)	CH157	12.08	16.16	1000	Pass
11n(HT20)	CH165	12.04	16.01	1000	Pass
11n(HT40)	CH151	12.21	16.65	1000	Pass
11n(HT40)	CH159	12.05	16.05	1000	Pass
11ac(VHT20)	CH149	11.45	13.98	1000	Pass
11ac(VHT20)	CH157	11.04	12.72	1000	Pass
11ac(VHT20)	CH165	11.22	13.26	1000	Pass
11ac(VHT40)	CH151	11.41	13.85	1000	Pass
11ac(VHT40)	CH159	11.20	13.19	1000	Pass
11ac(VHT80)	CH155	11.20	13.18	1000	Pass
11ax(HE20)(SU)	CH149	11.44	13.94	1000	Pass
11ax(HE20)(SU)	CH157	11.25	13.35	1000	Pass
11ax(HE20)(SU)	CH165	11.09	12.86	1000	Pass
11ax(HE40)(SU)	CH151	11.53	14.21	1000	Pass
11ax(HE40)(SU)	CH159	11.17	13.08	1000	Pass
11ax(HE80)(SU)	CH155	11.48	14.07	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.09	16.16	250	Pass
11a	CH44	11.92	15.54	250	Pass
11a	CH48	11.80	15.12	250	Pass
11n(HT20)	CH36	11.77	15.04	250	Pass
11n(HT20)	CH44	11.69	14.77	250	Pass
11n(HT20)	CH48	11.81	15.18	250	Pass
11n(HT40)	CH38	12.20	16.61	250	Pass
11n(HT40)	CH46	12.05	16.05	250	Pass
11ac(VHT20)	CH36	10.80	12.03	250	Pass
11ac(VHT20)	CH44	11.19	13.16	250	Pass
11ac(VHT20)	CH48	11.13	12.98	250	Pass
11ac(VHT40)	CH38	10.99	12.57	250	Pass
11ac(VHT40)	CH46	11.02	12.66	250	Pass
11ac(VHT80)	CH42	11.20	13.18	250	Pass
11ax(HE20)(SU)	CH36	10.78	11.98	250	Pass
11ax(HE20)(SU)	CH44	11.01	12.63	250	Pass
11ax(HE20)(SU)	CH48	10.98	12.54	250	Pass
11ax(HE40)(SU)	CH38	10.92	12.35	250	Pass
11ax(HE40)(SU)	CH46	10.90	12.29	250	Pass
11ax(HE80)(SU)	CH42	11.17	13.10	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.47	17.64	1000	Pass
11a	CH157	12.53	17.89	1000	Pass
11a	CH165	12.33	17.08	1000	Pass
11n(HT20)	CH149	12.26	16.84	1000	Pass
11n(HT20)	CH157	12.36	17.23	1000	Pass
11n(HT20)	CH165	12.22	16.69	1000	Pass
11n(HT40)	CH151	12.20	16.61	1000	Pass
11n(HT40)	CH159	12.23	16.72	1000	Pass
11ac(VHT20)	CH149	11.05	12.75	1000	Pass
11ac(VHT20)	CH157	11.19	13.16	1000	Pass
11ac(VHT20)	CH165	11.42	13.88	1000	Pass
11ac(VHT40)	CH151	11.38	13.75	1000	Pass
11ac(VHT40)	CH159	11.04	12.72	1000	Pass
11ac(VHT80)	CH155	11.37	13.71	1000	Pass
11ax(HE20)(SU)	CH149	10.97	12.51	1000	Pass
11ax(HE20)(SU)	CH157	11.41	13.85	1000	Pass
11ax(HE20)(SU)	CH165	11.26	13.38	1000	Pass
11ax(HE40)(SU)	CH151	10.99	12.55	1000	Pass
11ax(HE40)(SU)	CH159	11.31	13.51	1000	Pass
11ax(HE80)(SU)	CH155	11.17	13.10	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.05	31.96	250	Pass
11a	CH44	14.96	31.30	250	Pass
11a	CH48	14.89	30.84	250	Pass
11n(HT20)	CH36	15.08	32.24	250	Pass
11n(HT20)	CH44	14.81	30.24	250	Pass
11n(HT20)	CH48	14.95	31.27	250	Pass
11n(HT40)	CH38	15.17	32.92	250	Pass
11n(HT40)	CH46	15.15	32.77	250	Pass
11ac(VHT20)	CH36	13.86	24.35	250	Pass
11ac(VHT20)	CH44	14.09	25.62	250	Pass
11ac(VHT20)	CH48	13.94	24.80	250	Pass
11ac(VHT40)	CH38	14.05	25.40	250	Pass
11ac(VHT40)	CH46	14.05	25.43	250	Pass
11ac(VHT80)	CH42	14.21	26.36	250	Pass
11ax(HE20)(SU)	CH36	14.06	25.45	250	Pass
11ax(HE20)(SU)	CH44	14.00	25.11	250	Pass
11ax(HE20)(SU)	CH48	13.82	24.09	250	Pass
11ax(HE40)(SU)	CH38	14.04	25.34	250	Pass
11ax(HE40)(SU)	CH46	14.01	25.16	250	Pass
11ax(HE80)(SU)	CH42	14.10	25.73	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.10	32.38	1000	Pass
11a	CH157	15.34	34.20	1000	Pass
11a	CH165	15.21	33.21	1000	Pass
11n(HT20)	CH149	15.16	32.81	1000	Pass
11n(HT20)	CH157	15.24	33.39	1000	Pass
11n(HT20)	CH165	15.15	32.70	1000	Pass
11n(HT40)	CH151	15.22	33.26	1000	Pass
11n(HT40)	CH159	15.15	32.77	1000	Pass
11ac(VHT20)	CH149	14.27	26.72	1000	Pass
11ac(VHT20)	CH157	14.13	25.88	1000	Pass
11ac(VHT20)	CH165	14.34	27.13	1000	Pass
11ac(VHT40)	CH151	14.41	27.60	1000	Pass
11ac(VHT40)	CH159	14.13	25.91	1000	Pass
11ac(VHT80)	CH155	14.30	26.89	1000	Pass
11ax(HE20)(SU)	CH149	14.23	26.46	1000	Pass
11ax(HE20)(SU)	CH157	14.34	27.19	1000	Pass
11ax(HE20)(SU)	CH165	14.19	26.24	1000	Pass
11ax(HE40)(SU)	CH151	14.28	26.76	1000	Pass
11ax(HE40)(SU)	CH159	14.25	26.59	1000	Pass
11ax(HE80)(SU)	CH155	14.34	27.17	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2610063-604 Data Part 1.pdf”.

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

Test Data

SISO-ANT2

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.25	16.18
11a	CH44	16.24	16.18
11a	CH48	16.25	16.18
11n(HT20)	CH36	17.34	17.29
11n(HT20)	CH44	17.35	17.29
11n(HT20)	CH48	17.35	17.30
11n(HT40)	CH38	35.77	35.76
11n(HT40)	CH46	35.76	35.74
11ac(VHT20)	CH36	17.34	17.29
11ac(VHT20)	CH44	17.34	17.30
11ac(VHT20)	CH48	17.34	17.29
11ac(VHT40)	CH38	35.75	35.72
11ac(VHT40)	CH46	35.75	35.74
11ac(VHT80)	CH42	74.99	75.07
11ax(HE20)(SU)	CH36	18.75	18.69
11ax(HE20)(SU)	CH44	18.75	18.69
11ax(HE20)(SU)	CH48	18.75	18.69
11ax(HE40)(SU)	CH38	37.26	37.26
11ax(HE40)(SU)	CH46	37.27	37.27
11ax(HE80)(SU)	CH42	76.58	76.58

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.26	16.18
11a	CH157	16.27	16.20
11a	CH165	16.27	16.20
11n(HT20)	CH149	17.36	17.31
11n(HT20)	CH157	17.37	17.31
11n(HT20)	CH165	17.37	17.31
11n(HT40)	CH151	35.85	35.79
11n(HT40)	CH159	35.86	35.81
11ac(VHT20)	CH149	17.37	17.31
11ac(VHT20)	CH157	17.38	17.32
11ac(VHT20)	CH165	17.38	17.31
11ac(VHT40)	CH151	35.79	35.76
11ac(VHT40)	CH159	35.79	35.76
11ac(VHT80)	CH155	75.06	75.11
11ax(HE20)(SU)	CH149	18.75	18.69
11ax(HE20)(SU)	CH157	18.75	18.70
11ax(HE20)(SU)	CH165	18.75	18.70
11ax(HE40)(SU)	CH151	37.28	37.28
11ax(HE40)(SU)	CH159	37.28	37.27
11ax(HE80)(SU)	CH155	76.66	76.66

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2610063-604 Data Part 2.pdf”.

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

Test Data

SISO-ANT2

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	14.30	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.20	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.40	500.00	Pass
11ac(VHT20)	CH165	15.20	500.00	Pass
11ac(VHT40)	CH151	35.20	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.20	500.00	Pass
11ax(HE20)(SU)	CH149	16.00	500.00	Pass
11ax(HE20)(SU)	CH157	15.60	500.00	Pass
11ax(HE20)(SU)	CH165	15.60	500.00	Pass
11ax(HE40)(SU)	CH151	34.00	500.00	Pass
11ax(HE40)(SU)	CH159	35.20	500.00	Pass
11ax(HE80)(SU)	CH155	74.00	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2610063-604 Data Part 3.pdf”.

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

Test Data

SISO-ANT1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	5.01	11.00	Pass
11a	CH44	5.02	11.00	Pass
11a	CH48	4.84	11.00	Pass
11n(HT20)	CH36	4.56	11.00	Pass
11n(HT20)	CH44	4.55	11.00	Pass
11n(HT20)	CH48	4.64	11.00	Pass
11n(HT40)	CH38	1.98	11.00	Pass
11n(HT40)	CH46	1.96	11.00	Pass
11ac(VHT20)	CH36	3.56	11.00	Pass
11ac(VHT20)	CH44	3.98	11.00	Pass
11ac(VHT20)	CH48	3.93	11.00	Pass
11ac(VHT40)	CH38	0.76	11.00	Pass
11ac(VHT40)	CH46	0.77	11.00	Pass
11ac(VHT80)	CH42	-2.03	11.00	Pass
11ax(HE20)(SU)	CH36	3.43	11.00	Pass
11ax(HE20)(SU)	CH44	3.75	11.00	Pass
11ax(HE20)(SU)	CH48	3.78	11.00	Pass
11ax(HE40)(SU)	CH38	0.54	11.00	Pass
11ax(HE40)(SU)	CH46	0.51	11.00	Pass
11ax(HE80)(SU)	CH42	-2.02	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	2.73	30.00	Pass
11a	CH165	2.62	30.00	Pass
11n(HT20)	CH149	2.39	30.00	Pass
11n(HT20)	CH157	2.45	30.00	Pass
11n(HT20)	CH165	2.30	30.00	Pass
11n(HT40)	CH151	-0.62	30.00	Pass
11n(HT40)	CH159	-0.62	30.00	Pass
11ac(VHT20)	CH149	1.22	30.00	Pass
11ac(VHT20)	CH157	1.27	30.00	Pass
11ac(VHT20)	CH165	1.40	30.00	Pass
11ac(VHT40)	CH151	-1.67	30.00	Pass
11ac(VHT40)	CH159	-1.82	30.00	Pass
11ac(VHT80)	CH155	-4.47	30.00	Pass
11ax(HE20)(SU)	CH149	0.87	30.00	Pass
11ax(HE20)(SU)	CH157	1.47	30.00	Pass
11ax(HE20)(SU)	CH165	1.30	30.00	Pass
11ax(HE40)(SU)	CH151	-2.03	30.00	Pass
11ax(HE40)(SU)	CH159	-1.76	30.00	Pass
11ax(HE80)(SU)	CH155	-4.69	30.00	Pass

SISO-ANT2

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	4.97	11.00	Pass
11a	CH44	5.02	11.00	Pass
11a	CH48	4.81	11.00	Pass
11n(HT20)	CH36	5.03	11.00	Pass
11n(HT20)	CH44	4.58	11.00	Pass
11n(HT20)	CH48	4.74	11.00	Pass
11n(HT40)	CH38	1.96	11.00	Pass
11n(HT40)	CH46	2.15	11.00	Pass
11ac(VHT20)	CH36	3.55	11.00	Pass
11ac(VHT20)	CH44	3.69	11.00	Pass
11ac(VHT20)	CH48	3.59	11.00	Pass
11ac(VHT40)	CH38	0.71	11.00	Pass
11ac(VHT40)	CH46	0.83	11.00	Pass
11ac(VHT80)	CH42	-1.99	11.00	Pass
11ax(HE20)(SU)	CH36	3.95	11.00	Pass
11ax(HE20)(SU)	CH44	3.51	11.00	Pass
11ax(HE20)(SU)	CH48	3.42	11.00	Pass
11ax(HE40)(SU)	CH38	0.63	11.00	Pass
11ax(HE40)(SU)	CH46	0.76	11.00	Pass
11ax(HE80)(SU)	CH42	-2.22	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	1.89	30.00	Pass
11a	CH157	2.24	30.00	Pass
11a	CH165	2.28	30.00	Pass
11n(HT20)	CH149	2.02	30.00	Pass
11n(HT20)	CH157	2.04	30.00	Pass
11n(HT20)	CH165	2.02	30.00	Pass
11n(HT40)	CH151	-0.72	30.00	Pass
11n(HT40)	CH159	-0.79	30.00	Pass
11ac(VHT20)	CH149	1.43	30.00	Pass
11ac(VHT20)	CH157	1.09	30.00	Pass
11ac(VHT20)	CH165	1.33	30.00	Pass
11ac(VHT40)	CH151	-1.22	30.00	Pass
11ac(VHT40)	CH159	-1.68	30.00	Pass
11ac(VHT80)	CH155	-4.63	30.00	Pass
11ax(HE20)(SU)	CH149	1.42	30.00	Pass
11ax(HE20)(SU)	CH157	1.11	30.00	Pass
11ax(HE20)(SU)	CH165	0.92	30.00	Pass
11ax(HE40)(SU)	CH151	-1.75	30.00	Pass
11ax(HE40)(SU)	CH159	-1.99	30.00	Pass
11ax(HE80)(SU)	CH155	-4.50	30.00	Pass

MIMO-ANT1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.50	11.00	Pass
11a	CH44	1.68	11.00	Pass
11a	CH48	1.45	11.00	Pass
11n(HT20)	CH36	1.71	11.00	Pass
11n(HT20)	CH44	1.13	11.00	Pass
11n(HT20)	CH48	1.43	11.00	Pass
11n(HT40)	CH38	-1.43	11.00	Pass
11n(HT40)	CH46	-1.29	11.00	Pass
11ac(VHT20)	CH36	0.19	11.00	Pass
11ac(VHT20)	CH44	0.34	11.00	Pass
11ac(VHT20)	CH48	0.28	11.00	Pass
11ac(VHT40)	CH38	-2.62	11.00	Pass
11ac(VHT40)	CH46	-2.61	11.00	Pass
11ac(VHT80)	CH42	-5.37	11.00	Pass
11ax(HE20)(SU)	CH36	0.47	11.00	Pass
11ax(HE20)(SU)	CH44	0.14	11.00	Pass
11ax(HE20)(SU)	CH48	0.08	11.00	Pass
11ax(HE40)(SU)	CH38	-2.84	11.00	Pass
11ax(HE40)(SU)	CH46	-2.69	11.00	Pass
11ax(HE80)(SU)	CH42	-5.58	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-1.49	30.00	Pass
11a	CH157	-1.11	30.00	Pass
11a	CH165	-1.09	30.00	Pass
11n(HT20)	CH149	-1.35	30.00	Pass
11n(HT20)	CH157	-1.29	30.00	Pass
11n(HT20)	CH165	-1.29	30.00	Pass
11n(HT40)	CH151	-4.05	30.00	Pass
11n(HT40)	CH159	-4.25	30.00	Pass
11ac(VHT20)	CH149	-2.01	30.00	Pass
11ac(VHT20)	CH157	-2.29	30.00	Pass
11ac(VHT20)	CH165	-2.02	30.00	Pass
11ac(VHT40)	CH151	-4.72	30.00	Pass
11ac(VHT40)	CH159	-5.11	30.00	Pass
11ac(VHT80)	CH155	-8.03	30.00	Pass
11ax(HE20)(SU)	CH149	-1.91	30.00	Pass
11ax(HE20)(SU)	CH157	-2.25	30.00	Pass
11ax(HE20)(SU)	CH165	-2.55	30.00	Pass
11ax(HE40)(SU)	CH151	-5.12	30.00	Pass
11ax(HE40)(SU)	CH159	-5.41	30.00	Pass
11ax(HE80)(SU)	CH155	-7.89	30.00	Pass

MIMO-ANT2

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	1.64	11.00	Pass
11a	CH44	1.57	11.00	Pass
11a	CH48	1.52	11.00	Pass
11n(HT20)	CH36	1.14	11.00	Pass
11n(HT20)	CH44	1.15	11.00	Pass
11n(HT20)	CH48	1.25	11.00	Pass
11n(HT40)	CH38	-1.38	11.00	Pass
11n(HT40)	CH46	-1.41	11.00	Pass
11ac(VHT20)	CH36	0.17	11.00	Pass
11ac(VHT20)	CH44	0.49	11.00	Pass
11ac(VHT20)	CH48	0.57	11.00	Pass
11ac(VHT40)	CH38	-2.58	11.00	Pass
11ac(VHT40)	CH46	-2.55	11.00	Pass
11ac(VHT80)	CH42	-5.38	11.00	Pass
11ax(HE20)(SU)	CH36	0.11	11.00	Pass
11ax(HE20)(SU)	CH44	0.31	11.00	Pass
11ax(HE20)(SU)	CH48	0.32	11.00	Pass
11ax(HE40)(SU)	CH38	-2.85	11.00	Pass
11ax(HE40)(SU)	CH46	-2.79	11.00	Pass
11ax(HE80)(SU)	CH42	-5.39	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-0.71	30.00	Pass
11a	CH157	-0.69	30.00	Pass
11a	CH165	-0.83	30.00	Pass
11n(HT20)	CH149	-1.02	30.00	Pass
11n(HT20)	CH157	-0.86	30.00	Pass
11n(HT20)	CH165	-1.00	30.00	Pass
11n(HT40)	CH151	-4.08	30.00	Pass
11n(HT40)	CH159	-3.99	30.00	Pass
11ac(VHT20)	CH149	-2.25	30.00	Pass
11ac(VHT20)	CH157	-2.15	30.00	Pass
11ac(VHT20)	CH165	-2.09	30.00	Pass
11ac(VHT40)	CH151	-5.06	30.00	Pass
11ac(VHT40)	CH159	-5.13	30.00	Pass
11ac(VHT80)	CH155	-7.78	30.00	Pass
11ax(HE20)(SU)	CH149	-2.54	30.00	Pass
11ax(HE20)(SU)	CH157	-1.92	30.00	Pass
11ax(HE20)(SU)	CH165	-2.04	30.00	Pass
11ax(HE40)(SU)	CH151	-5.47	30.00	Pass
11ax(HE40)(SU)	CH159	-5.08	30.00	Pass
11ax(HE80)(SU)	CH155	-8.08	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	4.58	11.00	Pass
11a	CH44	4.64	11.00	Pass
11a	CH48	4.49	11.00	Pass
11n(HT20)	CH36	4.44	11.00	Pass
11n(HT20)	CH44	4.15	11.00	Pass
11n(HT20)	CH48	4.35	11.00	Pass
11n(HT40)	CH38	1.61	11.00	Pass
11n(HT40)	CH46	1.66	11.00	Pass
11ac(VHT20)	CH36	3.19	11.00	Pass
11ac(VHT20)	CH44	3.42	11.00	Pass
11ac(VHT20)	CH48	3.44	11.00	Pass
11ac(VHT40)	CH38	0.41	11.00	Pass
11ac(VHT40)	CH46	0.43	11.00	Pass
11ac(VHT80)	CH42	-2.36	11.00	Pass
11ax(HE20)(SU)	CH36	3.31	11.00	Pass
11ax(HE20)(SU)	CH44	3.24	11.00	Pass
11ax(HE20)(SU)	CH48	3.21	11.00	Pass
11ax(HE40)(SU)	CH38	0.17	11.00	Pass
11ax(HE40)(SU)	CH46	0.27	11.00	Pass
11ax(HE80)(SU)	CH42	-2.47	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	1.93	30.00	Pass
11a	CH157	2.11	30.00	Pass
11a	CH165	2.06	30.00	Pass
11n(HT20)	CH149	1.83	30.00	Pass
11n(HT20)	CH157	1.94	30.00	Pass
11n(HT20)	CH165	1.87	30.00	Pass
11n(HT40)	CH151	-1.06	30.00	Pass
11n(HT40)	CH159	-1.10	30.00	Pass
11ac(VHT20)	CH149	0.88	30.00	Pass
11ac(VHT20)	CH157	0.79	30.00	Pass
11ac(VHT20)	CH165	0.96	30.00	Pass
11ac(VHT40)	CH151	-1.88	30.00	Pass
11ac(VHT40)	CH159	-2.11	30.00	Pass
11ac(VHT80)	CH155	-4.89	30.00	Pass
11ax(HE20)(SU)	CH149	0.80	30.00	Pass
11ax(HE20)(SU)	CH157	0.93	30.00	Pass
11ax(HE20)(SU)	CH165	0.72	30.00	Pass
11ax(HE40)(SU)	CH151	-2.28	30.00	Pass
11ax(HE40)(SU)	CH159	-2.23	30.00	Pass
11ax(HE80)(SU)	CH155	-4.98	30.00	Pass

A.5 Conducted Emissions

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

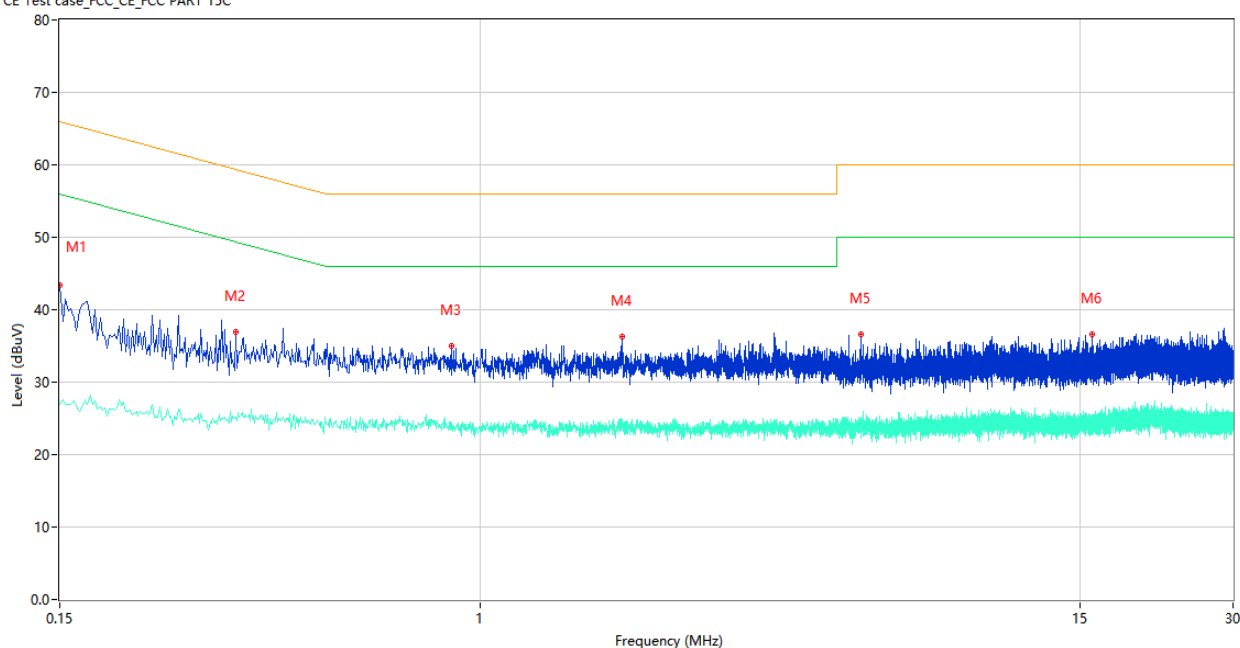
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

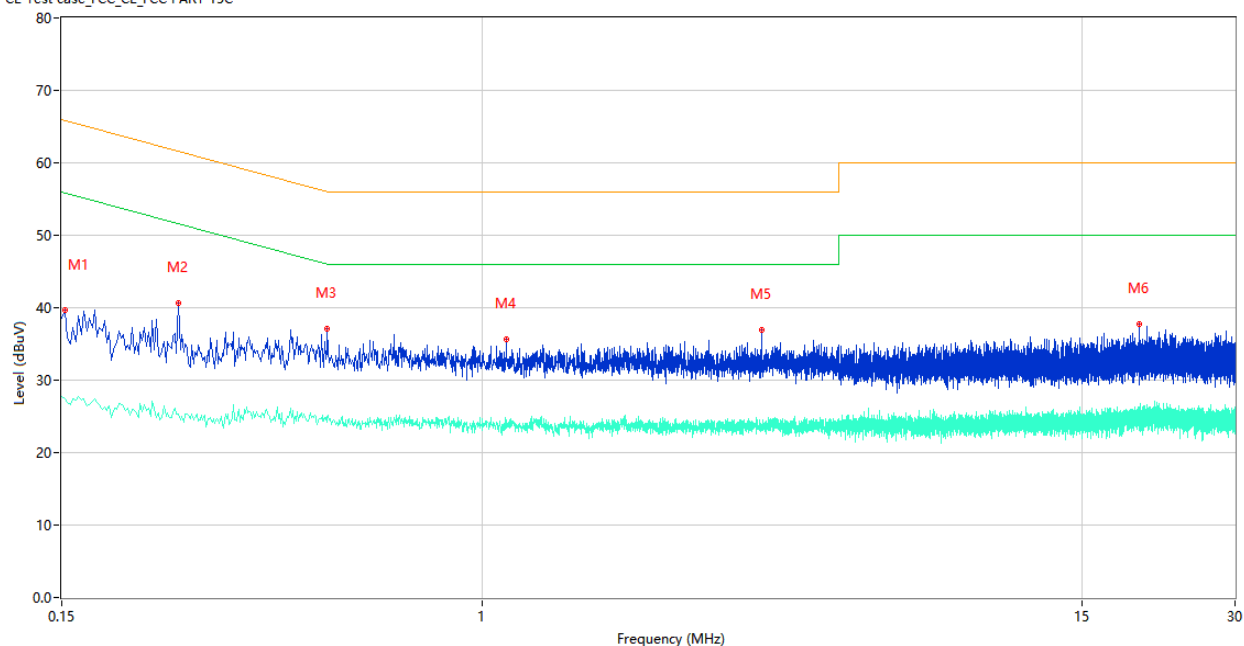
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	43.42	9.86	66.00	22.58	Peak	L	Pass
1**	0.150	26.93	9.86	56.00	29.07	AV	L	Pass
2	0.332	36.86	10.46	59.40	22.54	Peak	L	Pass
2**	0.332	25.16	10.46	49.40	24.24	AV	L	Pass
3	0.880	35.06	10.41	56.00	20.94	Peak	L	Pass
3**	0.880	24.35	10.41	46.00	21.65	AV	L	Pass
4	1.902	36.31	10.76	56.00	19.69	Peak	L	Pass
4**	1.902	24.10	10.76	46.00	21.90	AV	L	Pass
5	5.578	36.54	10.49	60.00	23.46	Peak	L	Pass
5**	5.578	23.24	10.49	50.00	26.76	AV	L	Pass
6	15.872	36.61	10.78	60.00	23.39	Peak	L	Pass
6**	15.872	24.53	10.78	50.00	25.47	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	39.66	9.86	65.89	26.23	Peak	N	Pass
1**	0.152	27.37	9.86	55.89	28.52	AV	N	Pass
2	0.254	40.63	9.82	61.63	21.00	Peak	N	Pass
2**	0.254	25.38	9.82	51.63	26.25	AV	N	Pass
3	0.498	37.12	10.04	56.03	18.91	Peak	N	Pass
3**	0.498	24.85	10.04	46.03	21.18	AV	N	Pass
4	1.118	35.60	10.21	56.00	20.40	Peak	N	Pass
4**	1.118	23.35	10.21	46.00	22.65	AV	N	Pass
5	3.538	36.86	10.24	56.00	19.14	Peak	N	Pass
5**	3.538	23.90	10.24	46.00	22.10	AV	N	Pass
6	19.484	37.70	11.05	60.00	22.30	Peak	N	Pass
6**	19.484	25.99	11.05	50.00	24.01	AV	N	Pass

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

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

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

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

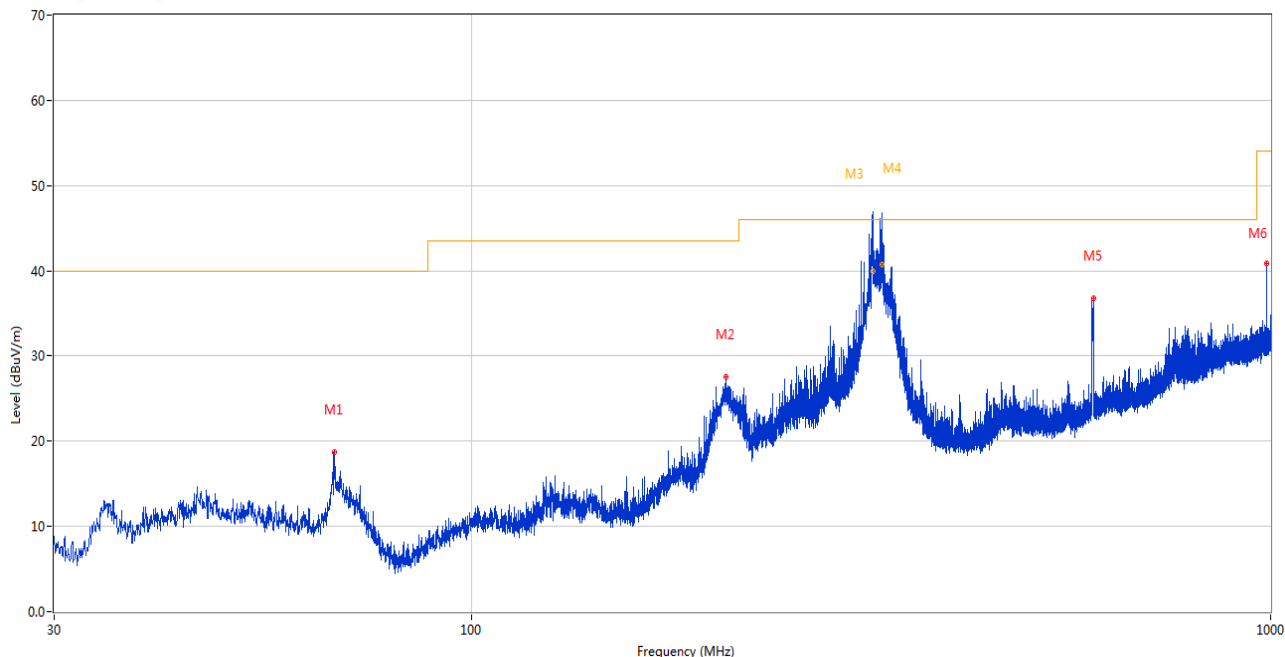
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

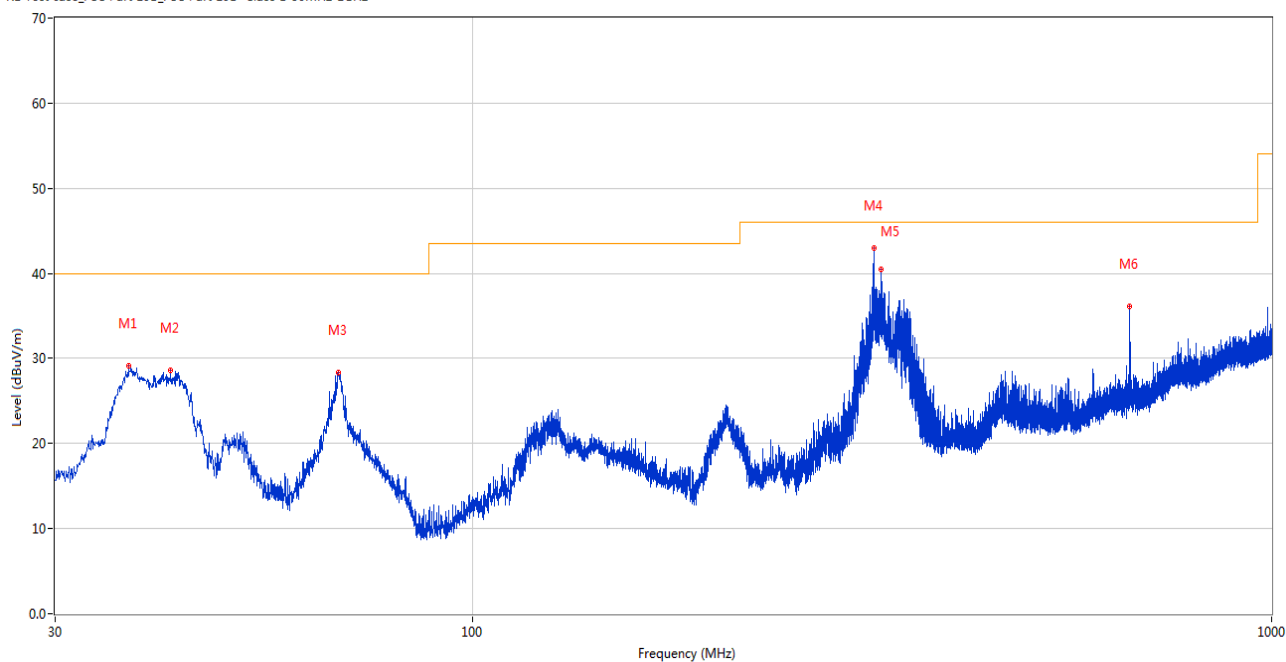
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.200	18.70	-27.33	40.0	21.30	Peak	251.90	100	Horizontal	Pass
2	207.850	27.59	-24.77	43.5	15.91	Peak	94.20	100	Horizontal	Pass
3	317.654	48.87	-21.04	46.0	-2.87	Peak	307.20	100	Horizontal	N/A
3*	317.654	39.96	-21.04	46.0	6.04	QP	307.20	100	Horizontal	Pass
4	325.947	48.79	-20.77	46.0	-2.79	Peak	273.10	100	Horizontal	N/A
4*	325.947	40.73	-20.77	46.0	5.27	QP	273.10	100	Horizontal	Pass
5	599.924	36.84	-12.55	46.0	9.16	Peak	43.40	100	Horizontal	Pass
6	987.438	40.92	-4.54	54.0	13.08	Peak	207.50	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.081	29.09	-26.74	40.0	10.91	Peak	181.40	100	Vertical	Pass
2	41.834	28.60	-25.18	40.0	11.40	Peak	159.60	100	Vertical	Pass
3	67.830	28.37	-27.44	40.0	11.63	Peak	119.00	100	Vertical	Pass
4	317.896	42.97	-21.03	46.0	3.03	Peak	50.70	100	Vertical	Pass
5	324.250	40.49	-20.87	46.0	5.51	Peak	310.10	100	Vertical	Pass
6	663.798	36.14	-11.59	46.0	9.86	Peak	240.00	100	Vertical	Pass

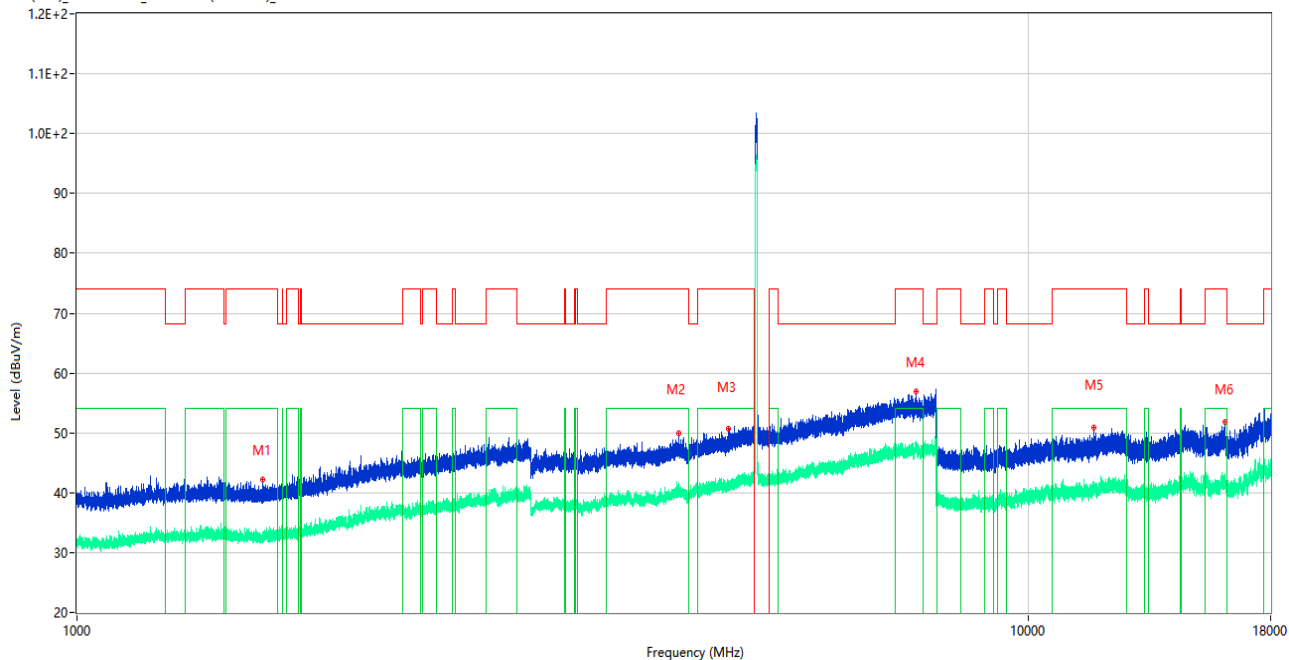
Note ¹: The spurious above 18G is noise only, do not show on the report.

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

SISO-ANT2

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.566	42.17	74.0	31.83	Peak	358.00	100	Horizontal	Pass
1**	1567.566	32.27	54.0	21.73	AV	358.00	100	Horizontal	Pass
2	4302.340	50.06	74.0	23.94	Peak	326.00	200	Horizontal	Pass
2**	4302.340	40.60	54.0	13.40	AV	326.00	200	Horizontal	Pass
3	4838.269	50.84	74.0	23.16	Peak	84.00	200	Horizontal	Pass
3**	4838.269	41.51	54.0	12.49	AV	84.00	200	Horizontal	Pass
4	7635.175	57.07	74.0	16.93	Peak	98.00	300	Horizontal	Pass
4**	7635.175	48.01	54.0	5.99	AV	98.00	300	Horizontal	Pass
5	11742.038	50.90	74.0	23.10	Peak	56.00	400	Horizontal	Pass
5**	11742.038	40.41	54.0	13.59	AV	56.00	400	Horizontal	Pass
6	16092.623	51.93	74.0	22.07	Peak	216.00	200	Horizontal	Pass
6**	16092.623	41.57	54.0	12.43	AV	216.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.920	38.79	74.0	35.21	Peak	270.00	400	Vertical	Pass
1**	1496.920	30.17	54.0	23.84	AV	270.00	400	Vertical	Pass
2	2987.747	43.18	74.0	30.82	Peak	27.00	100	Vertical	Pass
2**	2987.747	35.33	54.0	18.67	AV	27.00	100	Vertical	Pass
3	4198.017	48.46	74.0	25.54	Peak	247.00	200	Vertical	Pass
3**	4198.017	39.59	54.0	14.41	AV	247.00	200	Vertical	Pass
4	7379.676	45.81	74.0	28.19	Peak	139.00	100	Vertical	Pass
4**	7379.676	35.92	54.0	18.08	AV	139.00	100	Vertical	Pass
5	12600.189	49.33	74.0	24.67	Peak	319.00	100	Vertical	Pass
5**	12600.189	39.56	54.0	14.44	AV	319.00	100	Vertical	Pass
6	15814.367	50.68	74.0	23.32	Peak	87.00	300	Vertical	Pass
6**	15814.367	41.89	54.0	12.11	AV	87.00	300	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	1569.053	42.06	74.0	31.94	Peak	245.00	200	Horizontal	Pass
1**	1569.053	32.16	54.0	21.84	AV	245.00	200	Horizontal	Pass
2	4301.573	49.96	74.0	24.04	Peak	213.00	300	Horizontal	Pass
2**	4301.573	40.57	54.0	13.43	AV	213.00	300	Horizontal	Pass
3	4841.183	50.58	74.0	23.42	Peak	7.00	200	Horizontal	Pass
3**	4841.183	41.35	54.0	12.65	AV	7.00	200	Horizontal	Pass
4	7636.276	57.06	74.0	16.94	Peak	201.00	100	Horizontal	Pass
4**	7636.276	47.98	54.0	6.02	AV	201.00	100	Horizontal	Pass
5	11736.937	50.82	74.0	23.18	Peak	97.00	200	Horizontal	Pass
5**	11736.937	40.18	54.0	13.82	AV	97.00	200	Horizontal	Pass
6	16098.809	51.75	74.0	22.25	Peak	230.00	100	Horizontal	Pass
6**	16098.809	41.44	54.0	12.56	AV	230.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.034	38.56	74.0	35.44	Peak	323.00	100	Vertical	Pass
1**	1498.034	30.05	54.0	23.95	AV	323.00	100	Vertical	Pass
2	2994.425	42.91	74.0	31.09	Peak	74.00	200	Vertical	Pass
2**	2994.425	35.27	54.0	18.73	AV	74.00	200	Vertical	Pass
3	4197.602	48.44	74.0	25.56	Peak	270.00	200	Vertical	Pass
3**	4197.602	39.41	54.0	14.59	AV	270.00	200	Vertical	Pass
4	7381.254	45.81	74.0	28.19	Peak	275.00	100	Vertical	Pass
4**	7381.254	35.73	54.0	18.27	AV	275.00	100	Vertical	Pass
5	12595.781	49.12	74.0	24.89	Peak	298.00	200	Vertical	Pass
5**	12595.781	39.52	54.0	14.48	AV	298.00	200	Vertical	Pass
6	15813.838	50.65	74.0	23.35	Peak	344.00	300	Vertical	Pass
6**	15813.838	41.65	54.0	12.35	AV	344.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.334	41.90	74.0	32.10	Peak	106.00	100	Horizontal	Pass
1**	1564.334	31.96	54.0	22.04	AV	106.00	100	Horizontal	Pass
2	4299.538	49.96	74.0	24.04	Peak	324.00	300	Horizontal	Pass
2**	4299.538	40.50	54.0	13.50	AV	324.00	300	Horizontal	Pass
3	4835.969	50.45	74.0	23.55	Peak	256.00	200	Horizontal	Pass
3**	4835.969	41.07	54.0	12.93	AV	256.00	200	Horizontal	Pass
4	7633.095	56.92	74.0	17.09	Peak	250.00	100	Horizontal	Pass
4**	7633.095	47.90	54.0	6.10	AV	250.00	100	Horizontal	Pass
5	11739.451	50.69	74.0	23.31	Peak	296.00	200	Horizontal	Pass
5**	11739.451	40.12	54.0	13.88	AV	296.00	200	Horizontal	Pass
6	16094.156	51.49	74.0	22.51	Peak	232.00	100	Horizontal	Pass
6**	16094.156	41.23	54.0	12.77	AV	232.00	100	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	1498.180	38.29	74.0	35.71	Peak	125.00	300	Vertical	Pass
1**	1498.180	29.83	54.0	24.17	AV	125.00	300	Vertical	Pass
2	2988.405	42.76	74.0	31.24	Peak	223.00	100	Vertical	Pass
2**	2988.405	35.17	54.0	18.83	AV	223.00	100	Vertical	Pass
3	4199.232	48.21	74.0	25.80	Peak	280.00	200	Vertical	Pass
3**	4199.232	39.38	54.0	14.62	AV	280.00	200	Vertical	Pass
4	7377.251	45.54	74.0	28.46	Peak	276.00	200	Vertical	Pass
4**	7377.251	35.61	54.0	18.39	AV	276.00	200	Vertical	Pass
5	12595.581	48.98	74.0	25.02	Peak	25.00	100	Vertical	Pass
5**	12595.581	39.45	54.0	14.55	AV	25.00	100	Vertical	Pass
6	15814.355	50.50	74.0	23.50	Peak	103.00	200	Vertical	Pass
6**	15814.355	41.49	54.0	12.51	AV	103.00	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	1567.763	42.10	74.0	31.90	Peak	297.00	200	Horizontal	Pass
1**	1567.763	32.24	54.0	21.76	AV	297.00	200	Horizontal	Pass
2	4298.341	49.91	74.0	24.09	Peak	103.00	200	Horizontal	Pass
2**	4298.341	40.57	54.0	13.43	AV	103.00	200	Horizontal	Pass
3	4835.232	50.82	74.0	23.18	Peak	62.00	200	Horizontal	Pass
3**	4835.232	41.34	54.0	12.66	AV	62.00	200	Horizontal	Pass
4	7631.853	57.04	74.0	16.96	Peak	82.00	400	Horizontal	Pass
4**	7631.853	48.00	54.0	6.00	AV	82.00	400	Horizontal	Pass
5	11734.644	50.71	74.0	23.29	Peak	97.00	300	Horizontal	Pass
5**	11734.644	40.15	54.0	13.85	AV	97.00	300	Horizontal	Pass
6	16093.043	51.91	74.0	22.09	Peak	347.00	100	Horizontal	Pass
6**	16093.043	41.46	54.0	12.55	AV	347.00	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	1495.278	38.06	74.0	35.94	Peak	17.00	200	Vertical	Pass
1**	1495.278	29.58	54.0	24.42	AV	17.00	200	Vertical	Pass
2	2988.947	42.53	74.0	31.47	Peak	321.00	100	Vertical	Pass
2**	2988.947	34.92	54.0	19.08	AV	321.00	100	Vertical	Pass
3	4203.424	48.07	74.0	25.93	Peak	300.00	200	Vertical	Pass
3**	4203.424	39.36	54.0	14.64	AV	300.00	200	Vertical	Pass
4	7381.436	45.48	74.0	28.52	Peak	217.00	100	Vertical	Pass
4**	7381.436	35.32	54.0	18.68	AV	217.00	100	Vertical	Pass
5	12594.912	48.86	74.0	25.14	Peak	17.00	100	Vertical	Pass
5**	12594.912	39.35	54.0	14.66	AV	17.00	100	Vertical	Pass
6	15818.716	50.42	74.0	23.58	Peak	113.00	300	Vertical	Pass
6**	15818.716	41.45	54.0	12.55	AV	113.00	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	1571.007	41.91	74.0	32.10	Peak	62.00	300	Horizontal	Pass
1**	1571.007	32.07	54.0	21.93	AV	62.00	300	Horizontal	Pass
2	4300.935	49.72	74.0	24.28	Peak	354.00	100	Horizontal	Pass
2**	4300.935	40.56	54.0	13.44	AV	354.00	100	Horizontal	Pass
3	4840.819	50.47	74.0	23.53	Peak	74.00	200	Horizontal	Pass
3**	4840.819	41.29	54.0	12.71	AV	74.00	200	Horizontal	Pass
4	7631.072	56.87	74.0	17.13	Peak	143.00	400	Horizontal	Pass
4**	7631.072	47.72	54.0	6.28	AV	143.00	400	Horizontal	Pass
5	11737.867	50.77	74.0	23.23	Peak	106.00	300	Horizontal	Pass
5**	11737.867	39.98	54.0	14.02	AV	106.00	300	Horizontal	Pass
6	16094.812	51.57	74.0	22.44	Peak	156.00	100	Horizontal	Pass
6**	16094.812	41.22	54.0	12.78	AV	156.00	100	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	1495.101	37.91	74.0	36.09	Peak	195.00	100	Vertical	Pass
1**	1495.101	29.50	54.0	24.50	AV	195.00	100	Vertical	Pass
2	2989.074	42.24	74.0	31.76	Peak	200.00	100	Vertical	Pass
2**	2989.074	34.63	54.0	19.37	AV	200.00	100	Vertical	Pass
3	4198.633	47.95	74.0	26.05	Peak	338.00	200	Vertical	Pass
3**	4198.633	39.27	54.0	14.73	AV	338.00	200	Vertical	Pass
4	7374.645	45.26	74.0	28.74	Peak	98.00	100	Vertical	Pass
4**	7374.645	35.16	54.0	18.84	AV	98.00	100	Vertical	Pass
5	12599.129	48.60	74.0	25.40	Peak	109.00	400	Vertical	Pass
5**	12599.129	39.17	54.0	14.83	AV	109.00	400	Vertical	Pass
6	15816.723	50.19	74.0	23.81	Peak	84.00	100	Vertical	Pass
6**	15816.723	41.40	54.0	12.60	AV	84.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.405	41.82	74.0	32.18	Peak	56.00	300	Horizontal	Pass
1**	1569.405	31.77	54.0	22.23	AV	56.00	300	Horizontal	Pass
2	4300.289	49.70	74.0	24.30	Peak	287.00	300	Horizontal	Pass
2**	4300.289	40.36	54.0	13.64	AV	287.00	300	Horizontal	Pass
3	4838.437	50.30	74.0	23.71	Peak	303.00	200	Horizontal	Pass
3**	4838.437	40.81	54.0	13.19	AV	303.00	200	Horizontal	Pass
4	7630.436	56.76	74.0	17.24	Peak	232.00	300	Horizontal	Pass
4**	7630.436	47.89	54.0	6.11	AV	232.00	300	Horizontal	Pass
5	11740.529	50.66	74.0	23.35	Peak	339.00	200	Horizontal	Pass
5**	11740.529	39.85	54.0	14.15	AV	339.00	200	Horizontal	Pass
6	16094.015	51.31	74.0	22.69	Peak	2.00	300	Horizontal	Pass
6**	16094.015	41.03	54.0	12.97	AV	2.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.285	37.83	74.0	36.17	Peak	87.00	300	Vertical	Pass
1**	1498.285	29.31	54.0	24.69	AV	87.00	300	Vertical	Pass
2	2994.110	42.21	74.0	31.79	Peak	300.00	300	Vertical	Pass
2**	2994.110	34.41	54.0	19.59	AV	300.00	300	Vertical	Pass
3	4203.854	47.78	74.0	26.22	Peak	61.00	200	Vertical	Pass
3**	4203.854	39.02	54.0	14.98	AV	61.00	200	Vertical	Pass
4	7375.608	45.09	74.0	28.91	Peak	357.00	400	Vertical	Pass
4**	7375.608	34.91	54.0	19.09	AV	357.00	400	Vertical	Pass
5	12601.284	48.59	74.0	25.41	Peak	210.00	400	Vertical	Pass
5**	12601.284	38.92	54.0	15.08	AV	210.00	400	Vertical	Pass
6	15812.318	50.17	74.0	23.83	Peak	3.00	200	Vertical	Pass
6**	15812.318	41.24	54.0	12.76	AV	3.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.032	42.13	74.0	31.87	Peak	310.00	300	Horizontal	Pass
1**	1565.032	32.27	54.0	21.74	AV	310.00	300	Horizontal	Pass
2	4295.917	49.78	74.0	24.22	Peak	142.00	200	Horizontal	Pass
2**	4295.917	40.40	54.0	13.61	AV	142.00	200	Horizontal	Pass
3	4835.484	50.56	74.0	23.45	Peak	347.00	200	Horizontal	Pass
3**	4835.484	41.50	54.0	12.50	AV	347.00	200	Horizontal	Pass
4	7632.755	56.80	74.0	17.20	Peak	222.00	100	Horizontal	Pass
4**	7632.755	48.00	54.0	6.00	AV	222.00	100	Horizontal	Pass
5	11737.525	50.82	74.0	23.18	Peak	51.00	300	Horizontal	Pass
5**	11737.525	40.36	54.0	13.64	AV	51.00	300	Horizontal	Pass
6	16097.126	51.90	74.0	22.10	Peak	321.00	300	Horizontal	Pass
6**	16097.126	41.28	54.0	12.72	AV	321.00	300	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	1492.552	37.73	74.0	36.27	Peak	65.00	100	Vertical	Pass
1**	1492.552	29.28	54.0	24.72	AV	65.00	100	Vertical	Pass
2	2987.007	41.96	74.0	32.04	Peak	24.00	100	Vertical	Pass
2**	2987.007	34.14	54.0	19.86	AV	24.00	100	Vertical	Pass
3	4198.337	47.52	74.0	26.48	Peak	288.00	200	Vertical	Pass
3**	4198.337	38.74	54.0	15.26	AV	288.00	200	Vertical	Pass
4	7377.916	45.04	74.0	28.96	Peak	312.00	300	Vertical	Pass
4**	7377.916	34.81	54.0	19.19	AV	312.00	300	Vertical	Pass
5	12595.496	48.29	74.0	25.71	Peak	305.00	400	Vertical	Pass
5**	12595.496	38.64	54.0	15.36	AV	305.00	400	Vertical	Pass
6	15812.271	50.16	74.0	23.84	Peak	332.00	300	Vertical	Pass
6**	15812.271	41.07	54.0	12.93	AV	332.00	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	1565.855	42.02	74.0	31.98	Peak	129.00	400	Horizontal	Pass
1**	1565.855	32.05	54.0	21.95	AV	129.00	400	Horizontal	Pass
2	4297.885	49.83	74.0	24.17	Peak	79.00	300	Horizontal	Pass
2**	4297.885	40.52	54.0	13.48	AV	79.00	300	Horizontal	Pass
3	4837.030	50.54	74.0	23.46	Peak	47.00	200	Horizontal	Pass
3**	4837.030	41.30	54.0	12.70	AV	47.00	200	Horizontal	Pass
4	7628.523	57.01	74.0	16.99	Peak	290.00	100	Horizontal	Pass
4**	7628.523	47.84	54.0	6.16	AV	290.00	100	Horizontal	Pass
5	11739.576	50.62	74.0	23.38	Peak	36.00	100	Horizontal	Pass
5**	11739.576	40.12	54.0	13.88	AV	36.00	100	Horizontal	Pass
6	16094.806	51.51	74.0	22.49	Peak	260.00	400	Horizontal	Pass
6**	16094.806	41.34	54.0	12.66	AV	260.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.277	37.55	74.0	36.45	Peak	330.00	300	Vertical	Pass
1**	1495.277	29.09	54.0	24.91	AV	330.00	300	Vertical	Pass
2	2988.520	41.89	74.0	32.11	Peak	314.00	400	Vertical	Pass
2**	2988.520	34.05	54.0	19.95	AV	314.00	400	Vertical	Pass
3	4202.855	47.47	74.0	26.53	Peak	315.00	200	Vertical	Pass
3**	4202.855	38.61	54.0	15.39	AV	315.00	200	Vertical	Pass
4	7376.434	45.00	74.0	29.00	Peak	82.00	300	Vertical	Pass
4**	7376.434	34.71	54.0	19.29	AV	82.00	300	Vertical	Pass
5	12596.632	48.19	74.0	25.81	Peak	182.00	400	Vertical	Pass
5**	12596.632	38.60	54.0	15.40	AV	182.00	400	Vertical	Pass
6	15813.600	50.06	74.0	23.94	Peak	23.00	200	Vertical	Pass
6**	15813.600	41.03	54.0	12.97	AV	23.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.328	42.02	74.0	31.98	Peak	281.00	300	Horizontal	Pass
1**	1567.328	32.01	54.0	21.99	AV	281.00	300	Horizontal	Pass
2	4298.266	49.76	74.0	24.24	Peak	55.00	400	Horizontal	Pass
2**	4298.266	40.56	54.0	13.44	AV	55.00	400	Horizontal	Pass
3	4839.283	50.74	74.0	23.26	Peak	21.00	200	Horizontal	Pass
3**	4839.283	41.23	54.0	12.77	AV	21.00	200	Horizontal	Pass
4	7635.300	56.85	74.0	17.15	Peak	122.00	300	Horizontal	Pass
4**	7635.300	47.85	54.0	6.15	AV	122.00	300	Horizontal	Pass
5	11741.182	50.75	74.0	23.26	Peak	330.00	100	Horizontal	Pass
5**	11741.182	40.18	54.0	13.82	AV	330.00	100	Horizontal	Pass
6	16094.589	51.89	74.0	22.12	Peak	31.00	400	Horizontal	Pass
6**	16094.589	41.45	54.0	12.55	AV	31.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.461	37.26	74.0	36.74	Peak	11.00	300	Vertical	Pass
1**	1492.461	28.86	54.0	25.14	AV	11.00	300	Vertical	Pass
2	2988.597	41.85	74.0	32.15	Peak	205.00	400	Vertical	Pass
2**	2988.597	33.80	54.0	20.20	AV	205.00	400	Vertical	Pass
3	4204.171	47.30	74.0	26.70	Peak	5.00	200	Vertical	Pass
3**	4204.171	38.52	54.0	15.48	AV	5.00	200	Vertical	Pass
4	7375.051	44.74	74.0	29.27	Peak	261.00	300	Vertical	Pass
4**	7375.051	34.56	54.0	19.44	AV	261.00	300	Vertical	Pass
5	12594.979	47.96	74.0	26.04	Peak	214.00	400	Vertical	Pass
5**	12594.979	38.57	54.0	15.43	AV	214.00	400	Vertical	Pass
6	15812.844	49.97	74.0	24.03	Peak	338.00	200	Vertical	Pass
6**	15812.844	41.00	54.0	13.00	AV	338.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.082	41.85	74.0	32.15	Peak	308.00	400	Horizontal	Pass
1**	1569.082	31.93	54.0	22.07	AV	308.00	400	Horizontal	Pass
2	4301.606	49.93	74.0	24.07	Peak	309.00	200	Horizontal	Pass
2**	4301.606	40.32	54.0	13.68	AV	309.00	200	Horizontal	Pass
3	4834.911	50.31	74.0	23.70	Peak	229.00	200	Horizontal	Pass
3**	4834.911	41.16	54.0	12.84	AV	229.00	200	Horizontal	Pass
4	7634.481	56.97	74.0	17.03	Peak	360.00	200	Horizontal	Pass
4**	7634.481	47.76	54.0	6.24	AV	360.00	200	Horizontal	Pass
5	11741.236	50.60	74.0	23.40	Peak	315.00	300	Horizontal	Pass
5**	11741.236	40.01	54.0	13.99	AV	315.00	300	Horizontal	Pass
6	16096.945	51.59	74.0	22.42	Peak	331.00	100	Horizontal	Pass
6**	16096.945	41.21	54.0	12.79	AV	331.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.680	37.25	74.0	36.75	Peak	355.00	200	Vertical	Pass
1**	1494.680	28.59	54.0	25.41	AV	355.00	200	Vertical	Pass
2	2988.824	41.76	74.0	32.24	Peak	41.00	200	Vertical	Pass
2**	2988.824	33.60	54.0	20.40	AV	41.00	200	Vertical	Pass
3	4197.839	47.15	74.0	26.85	Peak	295.00	200	Vertical	Pass
3**	4197.839	38.44	54.0	15.56	AV	295.00	200	Vertical	Pass
4	7380.012	44.55	74.0	29.45	Peak	342.00	400	Vertical	Pass
4**	7380.012	34.34	54.0	19.66	AV	342.00	400	Vertical	Pass
5	12598.914	47.70	74.0	26.31	Peak	140.00	100	Vertical	Pass
5**	12598.914	38.44	54.0	15.56	AV	140.00	100	Vertical	Pass
6	15813.594	49.75	74.0	24.25	Peak	226.00	100	Vertical	Pass
6**	15813.594	40.75	54.0	13.25	AV	226.00	100	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	1570.078	41.89	74.0	32.11	Peak	249.00	400	Horizontal	Pass
1**	1570.078	31.74	54.0	22.27	AV	249.00	400	Horizontal	Pass
2	4300.636	49.94	74.0	24.06	Peak	74.00	400	Horizontal	Pass
2**	4300.636	40.24	54.0	13.76	AV	74.00	400	Horizontal	Pass
3	4835.998	50.27	74.0	23.73	Peak	195.00	200	Horizontal	Pass
3**	4835.998	40.83	54.0	13.17	AV	195.00	200	Horizontal	Pass
4	7635.611	56.68	74.0	17.33	Peak	338.00	300	Horizontal	Pass
4**	7635.611	47.73	54.0	6.27	AV	338.00	300	Horizontal	Pass
5	11737.279	50.65	74.0	23.36	Peak	254.00	300	Horizontal	Pass
5**	11737.279	39.85	54.0	14.16	AV	254.00	300	Horizontal	Pass
6	16092.372	51.33	74.0	22.67	Peak	297.00	100	Horizontal	Pass
6**	16092.372	41.10	54.0	12.90	AV	297.00	100	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	1490.494	37.07	74.0	36.94	Peak	226.00	300	Vertical	Pass
1**	1490.494	28.40	54.0	25.60	AV	226.00	300	Vertical	Pass
2	2994.335	41.49	74.0	32.51	Peak	40.00	300	Vertical	Pass
2**	2994.335	33.33	54.0	20.67	AV	40.00	300	Vertical	Pass
3	4203.691	46.95	74.0	27.05	Peak	290.00	200	Vertical	Pass
3**	4203.691	38.41	54.0	15.59	AV	290.00	200	Vertical	Pass
4	7375.275	44.40	74.0	29.60	Peak	292.00	400	Vertical	Pass
4**	7375.275	34.32	54.0	19.69	AV	292.00	400	Vertical	Pass
5	12594.080	47.54	74.0	26.46	Peak	225.00	200	Vertical	Pass
5**	12594.080	38.17	54.0	15.83	AV	225.00	200	Vertical	Pass
6	15815.158	49.57	74.0	24.43	Peak	129.00	400	Vertical	Pass
6**	15815.158	40.47	54.0	13.53	AV	129.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.434	41.95	74.0	32.05	Peak	229.00	400	Horizontal	Pass
1**	1568.434	32.11	54.0	21.89	AV	229.00	400	Horizontal	Pass
2	4299.064	49.78	74.0	24.22	Peak	195.00	400	Horizontal	Pass
2**	4299.064	40.54	54.0	13.46	AV	195.00	400	Horizontal	Pass
3	4842.025	50.69	74.0	23.32	Peak	5.00	200	Horizontal	Pass
3**	4842.025	41.07	54.0	12.93	AV	5.00	200	Horizontal	Pass
4	7632.269	57.01	74.0	16.99	Peak	144.00	400	Horizontal	Pass
4**	7632.269	47.83	54.0	6.17	AV	144.00	400	Horizontal	Pass
5	11741.188	50.71	74.0	23.30	Peak	118.00	300	Horizontal	Pass
5**	11741.188	39.97	54.0	14.03	AV	118.00	300	Horizontal	Pass
6	16095.775	51.88	74.0	22.12	Peak	135.00	400	Horizontal	Pass
6**	16095.775	41.44	54.0	12.56	AV	135.00	400	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	1491.571	36.82	74.0	37.18	Peak	149.00	400	Vertical	Pass
1**	1491.571	28.29	54.0	25.71	AV	149.00	400	Vertical	Pass
2	2987.375	41.26	74.0	32.74	Peak	264.00	100	Vertical	Pass
2**	2987.375	33.08	54.0	20.92	AV	264.00	100	Vertical	Pass
3	4201.014	46.87	74.0	27.13	Peak	157.00	200	Vertical	Pass
3**	4201.014	38.29	54.0	15.71	AV	157.00	200	Vertical	Pass
4	7379.599	44.22	74.0	29.78	Peak	332.00	400	Vertical	Pass
4**	7379.599	34.31	54.0	19.69	AV	332.00	400	Vertical	Pass
5	12599.540	47.54	74.0	26.46	Peak	281.00	300	Vertical	Pass
5**	12599.540	38.09	54.0	15.91	AV	281.00	300	Vertical	Pass
6	15817.726	49.34	74.0	24.66	Peak	100.00	200	Vertical	Pass
6**	15817.726	40.40	54.0	13.60	AV	100.00	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	1569.816	42.01	74.0	31.99	Peak	145.00	300	Horizontal	Pass
1**	1569.816	32.22	54.0	21.78	AV	145.00	300	Horizontal	Pass
2	4298.396	49.80	74.0	24.20	Peak	176.00	300	Horizontal	Pass
2**	4298.396	40.42	54.0	13.59	AV	176.00	300	Horizontal	Pass
3	4841.656	50.79	74.0	23.21	Peak	55.00	200	Horizontal	Pass
3**	4841.656	41.41	54.0	12.59	AV	55.00	200	Horizontal	Pass
4	7633.694	56.87	74.0	17.13	Peak	307.00	400	Horizontal	Pass
4**	7633.694	47.85	54.0	6.15	AV	307.00	400	Horizontal	Pass
5	11736.091	50.88	74.0	23.12	Peak	55.00	300	Horizontal	Pass
5**	11736.091	40.19	54.0	13.81	AV	55.00	300	Horizontal	Pass
6	16098.512	51.76	74.0	22.24	Peak	227.00	200	Horizontal	Pass
6**	16098.512	41.47	54.0	12.53	AV	227.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.414	38.76	74.0	35.24	Peak	230.00	300	Vertical	Pass
1**	1497.414	30.16	54.0	23.84	AV	230.00	300	Vertical	Pass
2	2992.719	43.15	74.0	30.85	Peak	113.00	400	Vertical	Pass
2**	2992.719	35.25	54.0	18.75	AV	113.00	400	Vertical	Pass
3	4202.481	48.18	74.0	25.82	Peak	85.00	200	Vertical	Pass
3**	4202.481	39.54	54.0	14.46	AV	85.00	200	Vertical	Pass
4	7379.800	45.72	74.0	28.28	Peak	183.00	200	Vertical	Pass
4**	7379.800	35.73	54.0	18.27	AV	183.00	200	Vertical	Pass
5	12596.563	49.14	74.0	24.86	Peak	349.00	100	Vertical	Pass
5**	12596.563	39.52	54.0	14.48	AV	349.00	100	Vertical	Pass
6	15819.736	50.64	74.0	23.37	Peak	162.00	300	Vertical	Pass
6**	15819.736	41.82	54.0	12.18	AV	162.00	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	1569.924	41.95	74.0	32.05	Peak	244.00	300	Horizontal	Pass
1**	1569.924	32.11	54.0	21.89	AV	244.00	300	Horizontal	Pass
2	4300.578	49.73	74.0	24.27	Peak	229.00	300	Horizontal	Pass
2**	4300.578	40.54	54.0	13.46	AV	229.00	300	Horizontal	Pass
3	4840.013	50.50	74.0	23.50	Peak	124.00	200	Horizontal	Pass
3**	4840.013	41.27	54.0	12.73	AV	124.00	200	Horizontal	Pass
4	7634.573	56.84	74.0	17.16	Peak	271.00	300	Horizontal	Pass
4**	7634.573	47.98	54.0	6.03	AV	271.00	300	Horizontal	Pass
5	11741.858	50.64	74.0	23.36	Peak	84.00	400	Horizontal	Pass
5**	11741.858	40.14	54.0	13.86	AV	84.00	400	Horizontal	Pass
6	16092.360	51.57	74.0	22.43	Peak	250.00	300	Horizontal	Pass
6**	16092.360	41.31	54.0	12.69	AV	250.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.960	38.43	74.0	35.57	Peak	63.00	400	Vertical	Pass
1**	1494.960	29.84	54.0	24.16	AV	63.00	400	Vertical	Pass
2	2989.626	42.79	74.0	31.22	Peak	207.00	200	Vertical	Pass
2**	2989.626	35.13	54.0	18.87	AV	207.00	200	Vertical	Pass
3	4203.008	48.23	74.0	25.77	Peak	22.00	200	Vertical	Pass
3**	4203.008	39.29	54.0	14.71	AV	22.00	200	Vertical	Pass
4	7382.147	45.64	74.0	28.36	Peak	2.00	400	Vertical	Pass
4**	7382.147	35.52	54.0	18.48	AV	2.00	400	Vertical	Pass
5	12593.524	48.91	74.0	25.09	Peak	57.00	300	Vertical	Pass
5**	12593.524	39.27	54.0	14.73	AV	57.00	300	Vertical	Pass
6	15816.431	50.42	74.0	23.58	Peak	34.00	300	Vertical	Pass
6**	15816.431	41.36	54.0	12.64	AV	34.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.195	41.85	74.0	32.15	Peak	227.00	200	Horizontal	Pass
1**	1566.195	32.15	54.0	21.85	AV	227.00	200	Horizontal	Pass
2	4296.937	49.70	74.0	24.30	Peak	93.00	100	Horizontal	Pass
2**	4296.937	40.29	54.0	13.71	AV	93.00	100	Horizontal	Pass
3	4837.915	50.60	74.0	23.40	Peak	358.00	200	Horizontal	Pass
3**	4837.915	41.26	54.0	12.74	AV	358.00	200	Horizontal	Pass
4	7630.315	56.82	74.0	17.18	Peak	325.00	200	Horizontal	Pass
4**	7630.315	47.74	54.0	6.26	AV	325.00	200	Horizontal	Pass
5	11736.663	50.65	74.0	23.35	Peak	256.00	300	Horizontal	Pass
5**	11736.663	39.96	54.0	14.05	AV	256.00	300	Horizontal	Pass
6	16096.882	51.67	74.0	22.34	Peak	210.00	400	Horizontal	Pass
6**	16096.882	41.41	54.0	12.59	AV	210.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.505	38.05	74.0	35.95	Peak	117.00	100	Vertical	Pass
1**	1494.505	29.49	54.0	24.51	AV	117.00	100	Vertical	Pass
2	2993.459	42.49	74.0	31.51	Peak	279.00	100	Vertical	Pass
2**	2993.459	34.71	54.0	19.29	AV	279.00	100	Vertical	Pass
3	4201.699	48.03	74.0	25.97	Peak	94.00	200	Vertical	Pass
3**	4201.699	39.16	54.0	14.84	AV	94.00	200	Vertical	Pass
4	7381.415	45.47	74.0	28.53	Peak	220.00	400	Vertical	Pass
4**	7381.415	35.09	54.0	18.92	AV	220.00	400	Vertical	Pass
5	12599.710	48.71	74.0	25.29	Peak	101.00	100	Vertical	Pass
5**	12599.710	39.06	54.0	14.94	AV	101.00	100	Vertical	Pass
6	15818.241	50.35	74.0	23.65	Peak	43.00	200	Vertical	Pass
6**	15818.241	41.42	54.0	12.59	AV	43.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.465	41.91	74.0	32.09	Peak	15.00	100	Horizontal	Pass
1**	1564.465	32.10	54.0	21.90	AV	15.00	100	Horizontal	Pass
2	4300.752	49.95	74.0	24.06	Peak	57.00	300	Horizontal	Pass
2**	4300.752	40.49	54.0	13.51	AV	57.00	300	Horizontal	Pass
3	4836.516	50.60	74.0	23.40	Peak	157.00	200	Horizontal	Pass
3**	4836.516	41.29	54.0	12.71	AV	157.00	200	Horizontal	Pass
4	7635.965	57.07	74.0	16.93	Peak	241.00	300	Horizontal	Pass
4**	7635.965	47.73	54.0	6.27	AV	241.00	300	Horizontal	Pass
5	11734.687	50.67	74.0	23.33	Peak	165.00	300	Horizontal	Pass
5**	11734.687	40.18	54.0	13.82	AV	165.00	300	Horizontal	Pass
6	16099.326	51.89	74.0	22.11	Peak	281.00	100	Horizontal	Pass
6**	16099.326	41.42	54.0	12.58	AV	281.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.739	38.59	74.0	35.41	Peak	124.00	200	Vertical	Pass
1**	1497.739	30.05	54.0	23.95	AV	124.00	200	Vertical	Pass
2	2990.001	42.92	74.0	31.08	Peak	62.00	300	Vertical	Pass
2**	2990.001	35.11	54.0	18.89	AV	62.00	300	Vertical	Pass
3	4203.604	48.24	74.0	25.77	Peak	308.00	200	Vertical	Pass
3**	4203.604	39.47	54.0	14.54	AV	308.00	200	Vertical	Pass
4	7378.944	45.76	74.0	28.24	Peak	319.00	400	Vertical	Pass
4**	7378.944	35.83	54.0	18.17	AV	319.00	400	Vertical	Pass
5	12600.523	49.19	74.0	24.81	Peak	345.00	200	Vertical	Pass
5**	12600.523	39.39	54.0	14.61	AV	345.00	200	Vertical	Pass
6	15817.099	50.64	74.0	23.36	Peak	262.00	400	Vertical	Pass
6**	15817.099	41.84	54.0	12.16	AV	262.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.226	41.92	74.0	32.08	Peak	99.00	300	Horizontal	Pass
1**	1566.226	32.06	54.0	21.94	AV	99.00	300	Horizontal	Pass
2	4301.246	49.74	74.0	24.27	Peak	224.00	100	Horizontal	Pass
2**	4301.246	40.46	54.0	13.54	AV	224.00	100	Horizontal	Pass
3	4839.866	50.29	74.0	23.71	Peak	215.00	200	Horizontal	Pass
3**	4839.866	41.10	54.0	12.90	AV	215.00	200	Horizontal	Pass
4	7633.065	57.04	74.0	16.96	Peak	100.00	300	Horizontal	Pass
4**	7633.065	47.91	54.0	6.09	AV	100.00	300	Horizontal	Pass
5	11735.140	50.71	74.0	23.29	Peak	340.00	100	Horizontal	Pass
5**	11735.140	40.10	54.0	13.90	AV	340.00	100	Horizontal	Pass
6	16095.823	51.67	74.0	22.34	Peak	281.00	100	Horizontal	Pass
6**	16095.823	41.39	54.0	12.61	AV	281.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.402	38.34	74.0	35.66	Peak	352.00	100	Vertical	Pass
1**	1490.402	29.81	54.0	24.19	AV	352.00	100	Vertical	Pass
2	2992.229	42.66	74.0	31.34	Peak	265.00	200	Vertical	Pass
2**	2992.229	35.19	54.0	18.81	AV	265.00	200	Vertical	Pass
3	4202.107	48.27	74.0	25.73	Peak	287.00	200	Vertical	Pass
3**	4202.107	39.33	54.0	14.67	AV	287.00	200	Vertical	Pass
4	7381.839	45.68	74.0	28.33	Peak	11.00	200	Vertical	Pass
4**	7381.839	35.69	54.0	18.31	AV	11.00	200	Vertical	Pass
5	12595.851	48.98	74.0	25.02	Peak	212.00	200	Vertical	Pass
5**	12595.851	39.34	54.0	14.66	AV	212.00	200	Vertical	Pass
6	15814.553	50.50	74.0	23.50	Peak	73.00	200	Vertical	Pass
6**	15814.553	41.54	54.0	12.46	AV	73.00	200	Vertical	Pass

11ax40(SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.989	41.75	74.0	32.25	Peak	56.00	200	Horizontal	Pass
1**	1569.989	31.72	54.0	22.28	AV	56.00	200	Horizontal	Pass
2	4300.457	49.71	74.0	24.29	Peak	157.00	300	Horizontal	Pass
2**	4300.457	40.48	54.0	13.52	AV	157.00	300	Horizontal	Pass
3	4836.310	50.25	74.0	23.75	Peak	331.00	200	Horizontal	Pass
3**	4836.310	40.77	54.0	13.23	AV	331.00	200	Horizontal	Pass
4	7635.178	56.82	74.0	17.18	Peak	112.00	400	Horizontal	Pass
4**	7635.178	47.87	54.0	6.13	AV	112.00	400	Horizontal	Pass
5	11740.669	50.69	74.0	23.31	Peak	40.00	300	Horizontal	Pass
5**	11740.669	39.85	54.0	14.15	AV	40.00	300	Horizontal	Pass
6	16093.261	51.39	74.0	22.61	Peak	2.00	100	Horizontal	Pass
6**	16093.261	41.21	54.0	12.80	AV	2.00	100	Horizontal	Pass

11ax40(SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.787	37.99	74.0	36.01	Peak	85.00	100	Vertical	Pass
1**	1497.787	29.65	54.0	24.35	AV	85.00	100	Vertical	Pass
2	2994.131	42.48	74.0	31.52	Peak	258.00	400	Vertical	Pass
2**	2994.131	34.88	54.0	19.12	AV	258.00	400	Vertical	Pass
3	4203.647	48.16	74.0	25.84	Peak	325.00	200	Vertical	Pass
3**	4203.647	39.17	54.0	14.83	AV	325.00	200	Vertical	Pass
4	7374.466	45.29	74.0	28.71	Peak	146.00	300	Vertical	Pass
4**	7374.466	35.55	54.0	18.45	AV	146.00	300	Vertical	Pass
5	12600.530	48.69	74.0	25.31	Peak	80.00	400	Vertical	Pass
5**	12600.530	39.29	54.0	14.72	AV	80.00	400	Vertical	Pass
6	15817.438	50.34	74.0	23.67	Peak	251.00	100	Vertical	Pass
6**	15817.438	41.23	54.0	12.77	AV	251.00	100	Vertical	Pass

11ax40(SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.467	41.96	74.0	32.04	Peak	274.00	300	Horizontal	Pass
1**	1568.467	32.06	54.0	21.94	AV	274.00	300	Horizontal	Pass
2	4300.093	49.95	74.0	24.05	Peak	322.00	100	Horizontal	Pass
2**	4300.093	40.57	54.0	13.43	AV	322.00	100	Horizontal	Pass
3	4838.760	50.63	74.0	23.37	Peak	35.00	200	Horizontal	Pass
3**	4838.760	41.37	54.0	12.63	AV	35.00	200	Horizontal	Pass
4	7636.457	56.83	74.0	17.17	Peak	179.00	200	Horizontal	Pass
4**	7636.457	47.98	54.0	6.02	AV	179.00	200	Horizontal	Pass
5	11741.059	50.79	74.0	23.21	Peak	97.00	400	Horizontal	Pass
5**	11741.059	40.31	54.0	13.69	AV	97.00	400	Horizontal	Pass
6	16099.254	51.90	74.0	22.11	Peak	160.00	400	Horizontal	Pass
6**	16099.254	41.53	54.0	12.47	AV	160.00	400	Horizontal	Pass

11ax40(SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.294	38.56	74.0	35.44	Peak	253.00	100	Vertical	Pass
1**	1497.294	30.11	54.0	23.89	AV	253.00	100	Vertical	Pass
2	2987.500	43.02	74.0	30.98	Peak	296.00	400	Vertical	Pass
2**	2987.500	35.30	54.0	18.70	AV	296.00	400	Vertical	Pass
3	4198.402	48.32	74.0	25.68	Peak	338.00	200	Vertical	Pass
3**	4198.402	39.56	54.0	14.44	AV	338.00	200	Vertical	Pass
4	7374.927	45.69	74.0	28.31	Peak	90.00	300	Vertical	Pass
4**	7374.927	35.64	54.0	18.36	AV	90.00	300	Vertical	Pass
5	12600.250	49.19	74.0	24.81	Peak	135.00	400	Vertical	Pass
5**	12600.250	39.44	54.0	14.56	AV	135.00	400	Vertical	Pass
6	15812.328	50.41	74.0	23.59	Peak	275.00	400	Vertical	Pass
6**	15812.328	41.65	54.0	12.35	AV	275.00	400	Vertical	Pass

11ax80(SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.375	41.88	74.0	32.12	Peak	105.00	200	Horizontal	Pass
1**	1566.375	32.26	54.0	21.74	AV	105.00	200	Horizontal	Pass
2	4301.712	49.81	74.0	24.19	Peak	84.00	100	Horizontal	Pass
2**	4301.712	40.48	54.0	13.52	AV	84.00	100	Horizontal	Pass
3	4837.544	50.58	74.0	23.42	Peak	131.00	200	Horizontal	Pass
3**	4837.544	41.39	54.0	12.61	AV	131.00	200	Horizontal	Pass
4	7630.999	56.87	74.0	17.13	Peak	315.00	100	Horizontal	Pass
4**	7630.999	47.74	54.0	6.26	AV	315.00	100	Horizontal	Pass
5	11734.657	50.76	74.0	23.24	Peak	224.00	400	Horizontal	Pass
5**	11734.657	40.20	54.0	13.80	AV	224.00	400	Horizontal	Pass
6	16094.946	51.85	74.0	22.16	Peak	131.00	300	Horizontal	Pass
6**	16094.946	41.30	54.0	12.70	AV	131.00	300	Horizontal	Pass

11ax80(SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

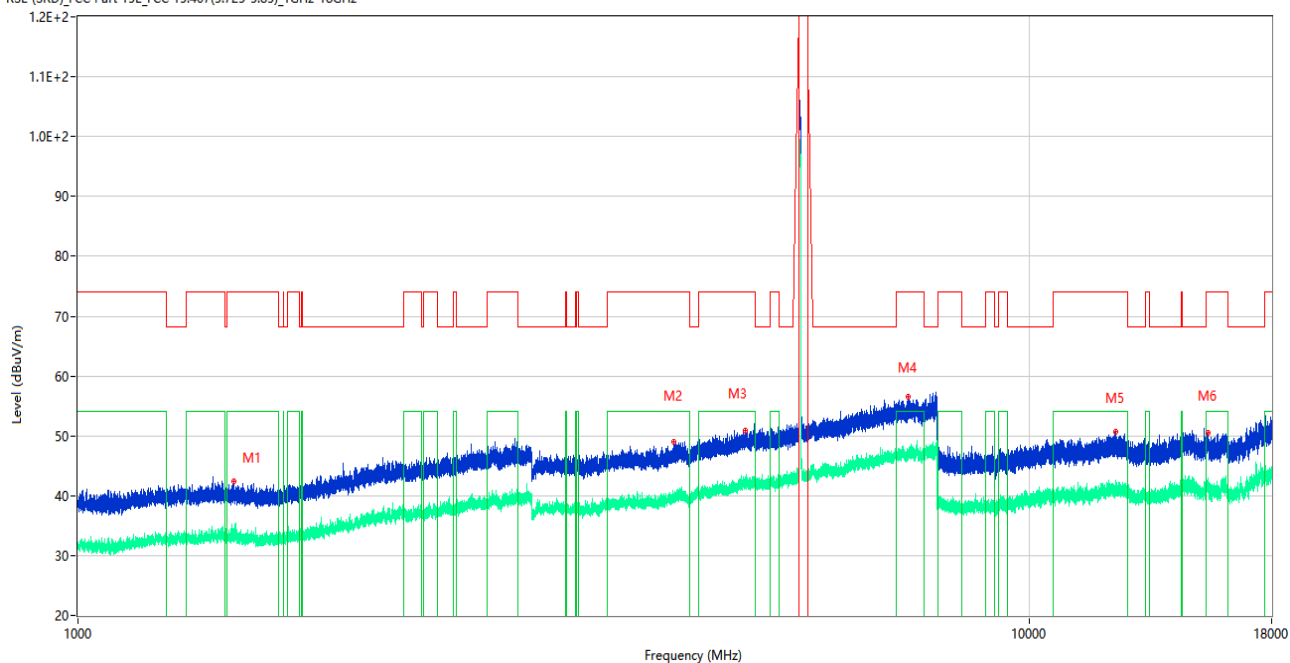
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.984	38.76	74.0	35.24	Peak	292.00	400	Vertical	Pass
1**	1493.984	30.05	54.0	23.96	AV	292.00	400	Vertical	Pass
2	2993.187	43.07	74.0	30.93	Peak	182.00	400	Vertical	Pass
2**	2993.187	35.23	54.0	18.77	AV	182.00	400	Vertical	Pass
3	4203.188	48.31	74.0	25.69	Peak	195.00	200	Vertical	Pass
3**	4203.188	39.49	54.0	14.52	AV	195.00	200	Vertical	Pass
4	7381.732	45.60	74.0	28.40	Peak	222.00	300	Vertical	Pass
4**	7381.732	35.69	54.0	18.31	AV	222.00	300	Vertical	Pass
5	12600.248	49.03	74.0	24.97	Peak	139.00	300	Vertical	Pass
5**	12600.248	39.34	54.0	14.66	AV	139.00	300	Vertical	Pass
6	15815.516	50.55	74.0	23.45	Peak	14.00	300	Vertical	Pass
6**	15815.516	41.87	54.0	12.13	AV	14.00	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	1597.857	38.76	74.0	35.24	Peak	249.00	100	Horizontal	Pass
1**	1597.857	28.98	54.0	25.02	AV	249.00	100	Horizontal	Pass
2	4289.301	47.98	74.0	26.02	Peak	224.00	100	Horizontal	Pass
2**	4289.301	38.31	54.0	15.70	AV	224.00	100	Horizontal	Pass
3	5041.206	50.01	74.0	23.99	Peak	314.00	200	Horizontal	Pass
3**	5041.206	39.93	54.0	14.07	AV	314.00	200	Horizontal	Pass
4	7591.136	53.60	74.0	20.40	Peak	117.00	300	Horizontal	Pass
4**	7591.136	44.71	54.0	9.29	AV	117.00	300	Horizontal	Pass
5	12467.697	53.56	74.0	20.44	Peak	106.00	400	Horizontal	Pass
5**	12467.697	45.08	54.0	8.92	AV	106.00	400	Horizontal	Pass
6	15896.320	55.51	74.0	18.50	Peak	16.00	200	Horizontal	Pass
6**	15896.320	45.98	54.0	8.02	AV	16.00	200	Horizontal	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.497	42.57	74.0	31.43	Peak	212.00	300	Vertical	Pass
1**	1463.497	32.91	54.0	21.09	AV	212.00	300	Vertical	Pass
2	4231.358	49.17	74.0	24.84	Peak	126.00	200	Vertical	Pass
2**	4231.358	40.13	54.0	13.87	AV	126.00	200	Vertical	Pass
3	5034.149	51.10	74.0	22.90	Peak	324.00	200	Vertical	Pass
3**	5034.149	43.14	54.0	10.86	AV	324.00	200	Vertical	Pass
4	7454.943	56.71	74.0	17.29	Peak	94.00	400	Vertical	Pass
4**	7454.943	47.52	54.0	6.48	AV	94.00	400	Vertical	Pass
5	12330.622	50.80	74.0	23.20	Peak	231.00	400	Vertical	Pass
5**	12330.622	40.92	54.0	13.08	AV	231.00	400	Vertical	Pass
6	15434.519	50.46	74.0	23.54	Peak	316.00	400	Vertical	Pass
6**	15434.519	41.58	54.0	12.42	AV	316.00	400	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	1597.849	38.59	74.0	35.41	Peak	57.00	200	Horizontal	Pass
1**	1597.849	28.84	54.0	25.17	AV	57.00	200	Horizontal	Pass
2	4282.052	47.91	74.0	26.09	Peak	187.00	100	Horizontal	Pass
2**	4282.052	38.21	54.0	15.79	AV	187.00	100	Horizontal	Pass
3	5043.556	49.98	74.0	24.02	Peak	256.00	200	Horizontal	Pass
3**	5043.556	39.90	54.0	14.10	AV	256.00	200	Horizontal	Pass
4	7590.579	53.47	74.0	20.53	Peak	96.00	400	Horizontal	Pass
4**	7590.579	44.55	54.0	9.45	AV	96.00	400	Horizontal	Pass
5	12465.929	53.35	74.0	20.65	Peak	24.00	100	Horizontal	Pass
5**	12465.929	45.06	54.0	8.94	AV	24.00	100	Horizontal	Pass
6	15897.018	55.26	74.0	18.74	Peak	294.00	400	Horizontal	Pass
6**	15897.018	45.80	54.0	8.20	AV	294.00	400	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	1462.878	42.31	74.0	31.69	Peak	137.00	100	Vertical	Pass
1**	1462.878	32.87	54.0	21.13	AV	137.00	100	Vertical	Pass
2	4226.433	49.04	74.0	24.96	Peak	297.00	400	Vertical	Pass
2**	4226.433	39.97	54.0	14.03	AV	297.00	400	Vertical	Pass
3	5034.760	51.07	74.0	22.93	Peak	139.00	200	Vertical	Pass
3**	5034.760	43.13	54.0	10.87	AV	139.00	200	Vertical	Pass
4	7456.545	56.60	74.0	17.40	Peak	240.00	300	Vertical	Pass
4**	7456.545	47.33	54.0	6.68	AV	240.00	300	Vertical	Pass
5	12330.440	50.64	74.0	23.36	Peak	35.00	300	Vertical	Pass
5**	12330.440	40.69	54.0	13.31	AV	35.00	300	Vertical	Pass
6	15437.465	50.43	74.0	23.57	Peak	359.00	400	Vertical	Pass
6**	15437.465	41.48	54.0	12.52	AV	359.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.826	38.47	74.0	35.53	Peak	256.00	300	Horizontal	Pass
1**	1602.826	28.57	54.0	25.43	AV	256.00	300	Horizontal	Pass
2	4288.209	47.90	74.0	26.10	Peak	232.00	400	Horizontal	Pass
2**	4288.209	38.21	54.0	15.79	AV	232.00	400	Horizontal	Pass
3	5037.540	49.94	74.0	24.06	Peak	311.00	200	Horizontal	Pass
3**	5037.540	39.64	54.0	14.36	AV	311.00	200	Horizontal	Pass
4	7588.347	53.40	74.0	20.60	Peak	299.00	100	Horizontal	Pass
4**	7588.347	44.29	54.0	9.71	AV	299.00	100	Horizontal	Pass
5	12468.708	53.17	74.0	20.84	Peak	272.00	100	Horizontal	Pass
5**	12468.708	45.01	54.0	8.99	AV	272.00	100	Horizontal	Pass
6	15901.311	55.05	74.0	18.95	Peak	245.00	300	Horizontal	Pass
6**	15901.311	45.75	54.0	8.25	AV	245.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.377	42.11	74.0	31.89	Peak	175.00	300	Vertical	Pass
1**	1460.377	32.61	54.0	21.39	AV	175.00	300	Vertical	Pass
2	4231.726	48.91	74.0	25.09	Peak	257.00	300	Vertical	Pass
2**	4231.726	39.86	54.0	14.14	AV	257.00	300	Vertical	Pass
3	5033.407	50.85	74.0	23.15	Peak	116.00	200	Vertical	Pass
3**	5033.407	42.91	54.0	11.09	AV	116.00	200	Vertical	Pass
4	7460.439	56.37	74.0	17.63	Peak	81.00	400	Vertical	Pass
4**	7460.439	47.20	54.0	6.80	AV	81.00	400	Vertical	Pass
5	12327.446	50.53	74.0	23.47	Peak	245.00	300	Vertical	Pass
5**	12327.446	40.66	54.0	13.34	AV	245.00	300	Vertical	Pass
6	15434.716	50.23	74.0	23.77	Peak	28.00	300	Vertical	Pass
6**	15434.716	41.47	54.0	12.53	AV	28.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.719	38.30	74.0	35.70	Peak	302.00	400	Horizontal	Pass
1**	1597.719	28.52	54.0	25.49	AV	302.00	400	Horizontal	Pass
2	4282.202	47.90	74.0	26.10	Peak	7.00	200	Horizontal	Pass
2**	4282.202	38.21	54.0	15.79	AV	7.00	200	Horizontal	Pass
3	5040.230	49.88	74.0	24.12	Peak	263.00	200	Horizontal	Pass
3**	5040.230	39.49	54.0	14.51	AV	263.00	200	Horizontal	Pass
4	7594.355	53.13	74.0	20.87	Peak	230.00	200	Horizontal	Pass
4**	7594.355	44.25	54.0	9.75	AV	230.00	200	Horizontal	Pass
5	12469.268	53.11	74.0	20.89	Peak	291.00	400	Horizontal	Pass
5**	12469.268	44.93	54.0	9.07	AV	291.00	400	Horizontal	Pass
6	15897.041	54.96	74.0	19.04	Peak	3.00	300	Horizontal	Pass
6**	15897.041	45.48	54.0	8.52	AV	3.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.719	41.94	74.0	32.06	Peak	263.00	400	Vertical	Pass
1**	1461.719	32.51	54.0	21.49	AV	263.00	400	Vertical	Pass
2	4229.792	48.66	74.0	25.34	Peak	100.00	100	Vertical	Pass
2**	4229.792	39.62	54.0	14.38	AV	100.00	100	Vertical	Pass
3	5033.641	50.66	74.0	23.34	Peak	134.00	200	Vertical	Pass
3**	5033.641	42.77	54.0	11.23	AV	134.00	200	Vertical	Pass
4	7459.770	56.17	74.0	17.83	Peak	248.00	100	Vertical	Pass
4**	7459.770	47.10	54.0	6.90	AV	248.00	100	Vertical	Pass
5	12325.830	50.33	74.0	23.67	Peak	177.00	200	Vertical	Pass
5**	12325.830	40.42	54.0	13.58	AV	177.00	200	Vertical	Pass
6	15435.392	50.20	74.0	23.80	Peak	19.00	200	Vertical	Pass
6**	15435.392	41.25	54.0	12.75	AV	19.00	200	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	1603.983	38.14	74.0	35.86	Peak	207.00	400	Horizontal	Pass
1**	1603.983	28.24	54.0	25.76	AV	207.00	400	Horizontal	Pass
2	4283.298	47.77	74.0	26.24	Peak	323.00	300	Horizontal	Pass
2**	4283.298	38.19	54.0	15.82	AV	323.00	300	Horizontal	Pass
3	5042.895	49.86	74.0	24.14	Peak	352.00	200	Horizontal	Pass
3**	5042.895	39.23	54.0	14.77	AV	352.00	200	Horizontal	Pass
4	7593.584	52.89	74.0	21.12	Peak	272.00	200	Horizontal	Pass
4**	7593.584	44.09	54.0	9.91	AV	272.00	200	Horizontal	Pass
5	12467.987	52.84	74.0	21.16	Peak	169.00	400	Horizontal	Pass
5**	12467.987	44.77	54.0	9.23	AV	169.00	400	Horizontal	Pass
6	15899.705	54.67	74.0	19.33	Peak	138.00	200	Horizontal	Pass
6**	15899.705	45.46	54.0	8.54	AV	138.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.461	41.85	74.0	32.15	Peak	14.00	100	Vertical	Pass
1**	1463.461	32.30	54.0	21.70	AV	14.00	100	Vertical	Pass
2	4226.199	48.37	74.0	25.63	Peak	2.00	400	Vertical	Pass
2**	4226.199	39.55	54.0	14.45	AV	2.00	400	Vertical	Pass
3	5036.808	50.63	74.0	23.37	Peak	110.00	200	Vertical	Pass
3**	5036.808	42.48	54.0	11.52	AV	110.00	200	Vertical	Pass
4	7462.001	56.06	74.0	17.94	Peak	272.00	200	Vertical	Pass
4**	7462.001	46.98	54.0	7.03	AV	272.00	200	Vertical	Pass
5	12325.312	50.04	74.0	23.96	Peak	62.00	200	Vertical	Pass
5**	12325.312	40.39	54.0	13.61	AV	62.00	200	Vertical	Pass
6	15436.891	49.94	74.0	24.06	Peak	76.00	400	Vertical	Pass
6**	15436.891	41.14	54.0	12.86	AV	76.00	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	1602.404	37.89	74.0	36.11	Peak	132.00	300	Horizontal	Pass
1**	1602.404	28.09	54.0	25.91	AV	132.00	300	Horizontal	Pass
2	4281.546	47.74	74.0	26.26	Peak	22.00	300	Horizontal	Pass
2**	4281.546	38.10	54.0	15.90	AV	22.00	300	Horizontal	Pass
3	5042.918	49.67	74.0	24.33	Peak	258.00	200	Horizontal	Pass
3**	5042.918	39.02	54.0	14.98	AV	258.00	200	Horizontal	Pass
4	7590.052	52.82	74.0	21.18	Peak	45.00	300	Horizontal	Pass
4**	7590.052	43.84	54.0	10.16	AV	45.00	300	Horizontal	Pass
5	12471.286	52.56	74.0	21.44	Peak	178.00	100	Horizontal	Pass
5**	12471.286	44.66	54.0	9.34	AV	178.00	100	Horizontal	Pass
6	15895.895	54.50	74.0	19.50	Peak	257.00	400	Horizontal	Pass
6**	15895.895	45.34	54.0	8.66	AV	257.00	400	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	1460.708	41.59	74.0	32.41	Peak	299.00	200	Vertical	Pass
1**	1460.708	32.07	54.0	21.93	AV	299.00	200	Vertical	Pass
2	4229.528	48.23	74.0	25.77	Peak	122.00	100	Vertical	Pass
2**	4229.528	39.27	54.0	14.73	AV	122.00	100	Vertical	Pass
3	5035.993	50.62	74.0	23.38	Peak	210.00	200	Vertical	Pass
3**	5035.993	42.35	54.0	11.65	AV	210.00	200	Vertical	Pass
4	7457.374	55.76	74.0	18.24	Peak	335.00	400	Vertical	Pass
4**	7457.374	46.85	54.0	7.15	AV	335.00	400	Vertical	Pass
5	12328.004	49.99	74.0	24.01	Peak	227.00	400	Vertical	Pass
5**	12328.004	40.16	54.0	13.84	AV	227.00	400	Vertical	Pass
6	15432.553	49.91	74.0	24.09	Peak	194.00	300	Vertical	Pass
6**	15432.553	41.03	54.0	12.97	AV	194.00	300	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	1600.774	37.76	74.0	36.24	Peak	74.00	400	Horizontal	Pass
1**	1600.774	27.79	54.0	26.21	AV	74.00	400	Horizontal	Pass
2	4287.336	47.45	74.0	26.56	Peak	1.00	300	Horizontal	Pass
2**	4287.336	37.88	54.0	16.12	AV	1.00	300	Horizontal	Pass
3	5042.472	49.57	74.0	24.43	Peak	104.00	200	Horizontal	Pass
3**	5042.472	38.82	54.0	15.18	AV	104.00	200	Horizontal	Pass
4	7592.299	52.57	74.0	21.43	Peak	45.00	100	Horizontal	Pass
4**	7592.299	43.71	54.0	10.29	AV	45.00	100	Horizontal	Pass
5	12465.030	52.54	74.0	21.46	Peak	187.00	400	Horizontal	Pass
5**	12465.030	44.47	54.0	9.54	AV	187.00	400	Horizontal	Pass
6	15899.060	54.21	74.0	19.79	Peak	210.00	100	Horizontal	Pass
6**	15899.060	45.13	54.0	8.87	AV	210.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.900	41.40	74.0	32.60	Peak	43.00	100	Vertical	Pass
1**	1461.900	31.82	54.0	22.18	AV	43.00	100	Vertical	Pass
2	4228.992	48.19	74.0	25.81	Peak	93.00	200	Vertical	Pass
2**	4228.992	39.08	54.0	14.92	AV	93.00	200	Vertical	Pass
3	5032.948	50.37	74.0	23.63	Peak	68.00	200	Vertical	Pass
3**	5032.948	42.11	54.0	11.89	AV	68.00	200	Vertical	Pass
4	7461.682	55.75	74.0	18.25	Peak	53.00	300	Vertical	Pass
4**	7461.682	46.66	54.0	7.34	AV	53.00	300	Vertical	Pass
5	12329.842	49.90	74.0	24.10	Peak	32.00	200	Vertical	Pass
5**	12329.842	39.94	54.0	14.06	AV	32.00	200	Vertical	Pass
6	15431.871	49.70	74.0	24.30	Peak	324.00	400	Vertical	Pass
6**	15431.871	40.83	54.0	13.17	AV	324.00	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	1599.796	38.70	74.0	35.30	Peak	82.00	200	Horizontal	Pass
1**	1599.796	28.86	54.0	25.14	AV	82.00	200	Horizontal	Pass
2	4287.500	47.87	74.0	26.14	Peak	357.00	400	Horizontal	Pass
2**	4287.500	38.19	54.0	15.81	AV	357.00	400	Horizontal	Pass
3	5037.870	49.93	74.0	24.07	Peak	231.00	200	Horizontal	Pass
3**	5037.870	39.89	54.0	14.12	AV	231.00	200	Horizontal	Pass
4	7593.843	53.31	74.0	20.69	Peak	257.00	400	Horizontal	Pass
4**	7593.843	44.50	54.0	9.50	AV	257.00	400	Horizontal	Pass
5	12466.316	53.30	74.0	20.70	Peak	177.00	400	Horizontal	Pass
5**	12466.316	44.89	54.0	9.11	AV	177.00	400	Horizontal	Pass
6	15895.458	55.31	74.0	18.69	Peak	215.00	200	Horizontal	Pass
6**	15895.458	45.90	54.0	8.11	AV	215.00	200	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	1456.616	42.35	74.0	31.65	Peak	265.00	200	Vertical	Pass
1**	1456.616	32.76	54.0	21.24	AV	265.00	200	Vertical	Pass
2	4225.822	49.14	74.0	24.86	Peak	238.00	100	Vertical	Pass
2**	4225.822	39.83	54.0	14.17	AV	238.00	100	Vertical	Pass
3	5039.337	50.93	74.0	23.07	Peak	205.00	200	Vertical	Pass
3**	5039.337	43.03	54.0	10.97	AV	205.00	200	Vertical	Pass
4	7456.988	56.64	74.0	17.36	Peak	27.00	100	Vertical	Pass
4**	7456.988	47.39	54.0	6.61	AV	27.00	100	Vertical	Pass
5	12324.682	50.51	74.0	23.49	Peak	214.00	100	Vertical	Pass
5**	12324.682	40.68	54.0	13.32	AV	214.00	100	Vertical	Pass
6	15432.427	50.27	74.0	23.73	Peak	56.00	300	Vertical	Pass
6**	15432.427	41.53	54.0	12.47	AV	56.00	300	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	1604.346	38.39	74.0	35.61	Peak	223.00	300	Horizontal	Pass
1**	1604.346	28.75	54.0	25.25	AV	223.00	300	Horizontal	Pass
2	4286.926	47.82	74.0	26.18	Peak	324.00	300	Horizontal	Pass
2**	4286.926	37.97	54.0	16.04	AV	324.00	300	Horizontal	Pass
3	5037.518	49.93	74.0	24.07	Peak	131.00	200	Horizontal	Pass
3**	5037.518	39.77	54.0	14.23	AV	131.00	200	Horizontal	Pass
4	7593.450	53.30	74.0	20.70	Peak	303.00	100	Horizontal	Pass
4**	7593.450	44.48	54.0	9.52	AV	303.00	100	Horizontal	Pass
5	12469.088	53.32	74.0	20.68	Peak	124.00	400	Horizontal	Pass
5**	12469.088	45.05	54.0	8.95	AV	124.00	400	Horizontal	Pass
6	15901.757	55.15	74.0	18.85	Peak	335.00	300	Horizontal	Pass
6**	15901.757	45.75	54.0	8.26	AV	335.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.716	42.23	74.0	31.77	Peak	287.00	200	Vertical	Pass
1**	1461.716	32.76	54.0	21.24	AV	287.00	200	Vertical	Pass
2	4226.839	48.81	74.0	25.19	Peak	293.00	100	Vertical	Pass
2**	4226.839	39.84	54.0	14.16	AV	293.00	100	Vertical	Pass
3	5034.487	50.78	74.0	23.23	Peak	220.00	200	Vertical	Pass
3**	5034.487	42.84	54.0	11.16	AV	220.00	200	Vertical	Pass
4	7458.630	56.47	74.0	17.53	Peak	85.00	200	Vertical	Pass
4**	7458.630	47.28	54.0	6.72	AV	85.00	200	Vertical	Pass
5	12324.760	50.51	74.0	23.49	Peak	92.00	100	Vertical	Pass
5**	12324.760	40.41	54.0	13.59	AV	92.00	100	Vertical	Pass
6	15432.741	50.38	74.0	23.62	Peak	157.00	400	Vertical	Pass
6**	15432.741	41.26	54.0	12.74	AV	157.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.595	38.24	74.0	35.77	Peak	269.00	300	Horizontal	Pass
1**	1597.595	28.36	54.0	25.64	AV	269.00	300	Horizontal	Pass
2	4283.404	47.77	74.0	26.23	Peak	340.00	200	Horizontal	Pass
2**	4283.404	38.21	54.0	15.79	AV	340.00	200	Horizontal	Pass
3	5037.529	49.67	74.0	24.33	Peak	310.00	200	Horizontal	Pass
3**	5037.529	39.59	54.0	14.42	AV	310.00	200	Horizontal	Pass
4	7595.180	53.14	74.0	20.86	Peak	181.00	200	Horizontal	Pass
4**	7595.180	44.09	54.0	9.91	AV	181.00	200	Horizontal	Pass
5	12465.708	52.92	74.0	21.08	Peak	266.00	100	Horizontal	Pass
5**	12465.708	44.82	54.0	9.18	AV	266.00	100	Horizontal	Pass
6	15896.652	54.95	74.0	19.05	Peak	243.00	200	Horizontal	Pass
6**	15896.652	45.64	54.0	8.36	AV	243.00	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	1455.677	41.90	74.0	32.10	Peak	269.00	400	Vertical	Pass
1**	1455.677	32.50	54.0	21.50	AV	269.00	400	Vertical	Pass
2	4225.453	48.75	74.0	25.25	Peak	82.00	300	Vertical	Pass
2**	4225.453	39.80	54.0	14.21	AV	82.00	300	Vertical	Pass
3	5033.047	50.66	74.0	23.34	Peak	185.00	200	Vertical	Pass
3**	5033.047	42.74	54.0	11.26	AV	185.00	200	Vertical	Pass
4	7460.841	56.22	74.0	17.78	Peak	128.00	300	Vertical	Pass
4**	7460.841	46.91	54.0	7.09	AV	128.00	300	Vertical	Pass
5	12328.229	50.43	74.0	23.57	Peak	327.00	100	Vertical	Pass
5**	12328.229	40.64	54.0	13.36	AV	327.00	100	Vertical	Pass
6	15435.297	49.94	74.0	24.06	Peak	77.00	100	Vertical	Pass
6**	15435.297	41.40	54.0	12.61	AV	77.00	100	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	1601.325	38.04	74.0	35.97	Peak	338.00	300	Horizontal	Pass
1**	1601.325	28.40	54.0	25.60	AV	338.00	300	Horizontal	Pass
2	4284.718	47.79	74.0	26.21	Peak	16.00	300	Horizontal	Pass
2**	4284.718	38.00	54.0	16.00	AV	16.00	300	Horizontal	Pass
3	5043.361	49.82	74.0	24.18	Peak	121.00	200	Horizontal	Pass
3**	5043.361	39.40	54.0	14.60	AV	121.00	200	Horizontal	Pass
4	7594.515	53.01	74.0	20.99	Peak	19.00	100	Horizontal	Pass
4**	7594.515	44.03	54.0	9.97	AV	19.00	100	Horizontal	Pass
5	12467.095	52.83	74.0	21.17	Peak	311.00	300	Horizontal	Pass
5**	12467.095	44.64	54.0	9.36	AV	311.00	300	Horizontal	Pass
6	15899.561	54.93	74.0	19.07	Peak	7.00	400	Horizontal	Pass
6**	15899.561	45.24	54.0	8.76	AV	7.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.035	41.89	74.0	32.11	Peak	155.00	400	Vertical	Pass
1**	1463.035	32.29	54.0	21.71	AV	155.00	400	Vertical	Pass
2	4231.381	48.64	74.0	25.36	Peak	234.00	400	Vertical	Pass
2**	4231.381	39.60	54.0	14.40	AV	234.00	400	Vertical	Pass
3	5035.119	50.55	74.0	23.45	Peak	218.00	200	Vertical	Pass
3**	5035.119	42.58	54.0	11.42	AV	218.00	200	Vertical	Pass
4	7458.063	55.91	74.0	18.09	Peak	319.00	400	Vertical	Pass
4**	7458.063	46.99	54.0	7.02	AV	319.00	400	Vertical	Pass
5	12326.543	50.20	74.0	23.80	Peak	20.00	300	Vertical	Pass
5**	12326.543	40.25	54.0	13.75	AV	20.00	300	Vertical	Pass
6	15431.142	49.94	74.0	24.06	Peak	263.00	200	Vertical	Pass
6**	15431.142	41.02	54.0	12.98	AV	263.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.266	38.02	74.0	35.98	Peak	294.00	300	Horizontal	Pass
1**	1597.266	27.95	54.0	26.05	AV	294.00	300	Horizontal	Pass
2	4284.026	47.47	74.0	26.53	Peak	293.00	100	Horizontal	Pass
2**	4284.026	37.98	54.0	16.02	AV	293.00	100	Horizontal	Pass
3	5042.827	49.73	74.0	24.27	Peak	219.00	200	Horizontal	Pass
3**	5042.827	38.98	54.0	15.03	AV	219.00	200	Horizontal	Pass
4	7589.320	52.61	74.0	21.39	Peak	263.00	300	Horizontal	Pass
4**	7589.320	44.08	54.0	9.92	AV	263.00	300	Horizontal	Pass
5	12468.104	52.79	74.0	21.21	Peak	286.00	300	Horizontal	Pass
5**	12468.104	44.76	54.0	9.24	AV	286.00	300	Horizontal	Pass
6	15897.524	54.50	74.0	19.50	Peak	65.00	200	Horizontal	Pass
6**	15897.524	45.29	54.0	8.71	AV	65.00	200	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	1459.370	41.56	74.0	32.44	Peak	89.00	100	Vertical	Pass
1**	1459.370	32.28	54.0	21.72	AV	89.00	100	Vertical	Pass
2	4225.236	48.12	74.0	25.88	Peak	229.00	200	Vertical	Pass
2**	4225.236	39.46	54.0	14.54	AV	229.00	200	Vertical	Pass
3	5032.642	50.63	74.0	23.37	Peak	76.00	200	Vertical	Pass
3**	5032.642	42.44	54.0	11.56	AV	76.00	200	Vertical	Pass
4	7461.056	55.84	74.0	18.16	Peak	267.00	300	Vertical	Pass
4**	7461.056	46.84	54.0	7.17	AV	267.00	300	Vertical	Pass
5	12327.877	49.94	74.0	24.06	Peak	250.00	100	Vertical	Pass
5**	12327.877	40.34	54.0	13.66	AV	250.00	100	Vertical	Pass
6	15432.476	49.67	74.0	24.33	Peak	222.00	400	Vertical	Pass
6**	15432.476	41.01	54.0	12.99	AV	222.00	400	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	1601.856	37.67	74.0	36.33	Peak	251.00	300	Horizontal	Pass
1**	1601.856	28.03	54.0	25.97	AV	251.00	300	Horizontal	Pass
2	4286.342	47.53	74.0	26.48	Peak	334.00	300	Horizontal	Pass
2**	4286.342	37.89	54.0	16.11	AV	334.00	300	Horizontal	Pass
3	5041.928	49.50	74.0	24.50	Peak	353.00	200	Horizontal	Pass
3**	5041.928	39.01	54.0	14.99	AV	353.00	200	Horizontal	Pass
4	7594.869	52.68	74.0	21.32	Peak	177.00	200	Horizontal	Pass
4**	7594.869	43.82	54.0	10.18	AV	177.00	200	Horizontal	Pass
5	12470.820	52.46	74.0	21.54	Peak	153.00	100	Horizontal	Pass
5**	12470.820	44.41	54.0	9.60	AV	153.00	100	Horizontal	Pass
6	15898.782	54.35	74.0	19.65	Peak	330.00	300	Horizontal	Pass
6**	15898.782	45.24	54.0	8.77	AV	330.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.059	41.42	74.0	32.58	Peak	192.00	400	Vertical	Pass
1**	1459.059	31.81	54.0	22.19	AV	192.00	400	Vertical	Pass
2	4227.877	48.21	74.0	25.79	Peak	237.00	200	Vertical	Pass
2**	4227.877	39.11	54.0	14.89	AV	237.00	200	Vertical	Pass
3	5033.537	50.44	74.0	23.57	Peak	108.00	200	Vertical	Pass
3**	5033.537	42.13	54.0	11.87	AV	108.00	200	Vertical	Pass
4	7460.152	55.48	74.0	18.52	Peak	9.00	200	Vertical	Pass
4**	7460.152	46.62	54.0	7.38	AV	9.00	200	Vertical	Pass
5	12324.814	49.84	74.0	24.16	Peak	205.00	100	Vertical	Pass
5**	12324.814	40.04	54.0	13.96	AV	205.00	100	Vertical	Pass
6	15433.647	49.76	74.0	24.24	Peak	246.00	400	Vertical	Pass
6**	15433.647	40.79	54.0	13.21	AV	246.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.352	37.50	74.0	36.50	Peak	42.00	300	Horizontal	Pass
1**	1603.352	27.69	54.0	26.31	AV	42.00	300	Horizontal	Pass
2	4286.104	47.32	74.0	26.68	Peak	205.00	400	Horizontal	Pass
2**	4286.104	37.60	54.0	16.40	AV	205.00	400	Horizontal	Pass
3	5037.180	49.30	74.0	24.70	Peak	348.00	200	Horizontal	Pass
3**	5037.180	38.78	54.0	15.22	AV	348.00	200	Horizontal	Pass
4	7588.356	52.55	74.0	21.46	Peak	269.00	100	Horizontal	Pass
4**	7588.356	43.45	54.0	10.55	AV	269.00	100	Horizontal	Pass
5	12470.994	52.49	74.0	21.51	Peak	129.00	400	Horizontal	Pass
5**	12470.994	44.38	54.0	9.62	AV	129.00	400	Horizontal	Pass
6	15899.636	54.16	74.0	19.84	Peak	18.00	300	Horizontal	Pass
6**	15899.636	44.99	54.0	9.01	AV	18.00	300	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	1457.261	41.28	74.0	32.72	Peak	77.00	400	Vertical	Pass
1**	1457.261	31.82	54.0	22.18	AV	77.00	400	Vertical	Pass
2	4232.980	48.01	74.0	25.99	Peak	28.00	400	Vertical	Pass
2**	4232.980	39.02	54.0	14.98	AV	28.00	400	Vertical	Pass
3	5031.680	50.13	74.0	23.87	Peak	48.00	200	Vertical	Pass
3**	5031.680	41.84	54.0	12.17	AV	48.00	200	Vertical	Pass
4	7462.256	55.51	74.0	18.50	Peak	252.00	400	Vertical	Pass
4**	7462.256	46.56	54.0	7.44	AV	252.00	400	Vertical	Pass
5	12331.417	49.61	74.0	24.39	Peak	108.00	200	Vertical	Pass
5**	12331.417	39.93	54.0	14.07	AV	108.00	200	Vertical	Pass
6	15433.554	49.56	74.0	24.44	Peak	93.00	200	Vertical	Pass
6**	15433.554	40.62	54.0	13.38	AV	93.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.084	38.54	74.0	35.46	Peak	289.00	200	Horizontal	Pass
1**	1597.084	28.75	54.0	25.25	AV	289.00	200	Horizontal	Pass
2	4287.824	47.74	74.0	26.26	Peak	239.00	100	Horizontal	Pass
2**	4287.824	38.09	54.0	15.91	AV	239.00	100	Horizontal	Pass
3	5042.536	50.00	74.0	24.00	Peak	357.00	200	Horizontal	Pass
3**	5042.536	39.87	54.0	14.13	AV	357.00	200	Horizontal	Pass
4	7594.151	53.42	74.0	20.58	Peak	212.00	300	Horizontal	Pass
4**	7594.151	44.55	54.0	9.45	AV	212.00	300	Horizontal	Pass
5	12465.277	53.44	74.0	20.56	Peak	235.00	400	Horizontal	Pass
5**	12465.277	45.06	54.0	8.94	AV	235.00	400	Horizontal	Pass
6	15894.377	55.30	74.0	18.70	Peak	184.00	300	Horizontal	Pass
6**	15894.377	45.98	54.0	8.02	AV	184.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.236	42.51	74.0	31.49	Peak	108.00	400	Vertical	Pass
1**	1461.236	32.83	54.0	21.17	AV	108.00	400	Vertical	Pass
2	4226.608	49.16	74.0	24.84	Peak	184.00	400	Vertical	Pass
2**	4226.608	39.94	54.0	14.06	AV	184.00	400	Vertical	Pass
3	5037.002	50.81	74.0	23.19	Peak	278.00	200	Vertical	Pass
3**	5037.002	42.95	54.0	11.05	AV	278.00	200	Vertical	Pass
4	7460.033	56.45	74.0	17.55	Peak	112.00	400	Vertical	Pass
4**	7460.033	47.46	54.0	6.54	AV	112.00	400	Vertical	Pass
5	12324.332	50.60	74.0	23.40	Peak	88.00	400	Vertical	Pass
5**	12324.332	40.71	54.0	13.29	AV	88.00	400	Vertical	Pass
6	15435.864	50.45	74.0	23.56	Peak	50.00	200	Vertical	Pass
6**	15435.864	41.44	54.0	12.56	AV	50.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.163	38.54	74.0	35.46	Peak	342.00	400	Horizontal	Pass
1**	1602.163	28.79	54.0	25.21	AV	342.00	400	Horizontal	Pass
2	4287.215	47.82	74.0	26.18	Peak	342.00	300	Horizontal	Pass
2**	4287.215	37.95	54.0	16.05	AV	342.00	300	Horizontal	Pass
3	5041.643	49.69	74.0	24.31	Peak	306.00	200	Horizontal	Pass
3**	5041.643	39.90	54.0	14.10	AV	306.00	200	Horizontal	Pass
4	7589.316	53.46	74.0	20.54	Peak	99.00	300	Horizontal	Pass
4**	7589.316	44.45	54.0	9.55	AV	99.00	300	Horizontal	Pass
5	12471.341	53.23	74.0	20.77	Peak	6.00	400	Horizontal	Pass
5**	12471.341	44.97	54.0	9.03	AV	6.00	400	Horizontal	Pass
6	15897.440	55.04	74.0	18.96	Peak	256.00	100	Horizontal	Pass
6**	15897.440	45.52	54.0	8.48	AV	256.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.707	42.16	74.0	31.85	Peak	221.00	100	Vertical	Pass
1**	1457.707	32.73	54.0	21.27	AV	221.00	100	Vertical	Pass
2	4231.345	48.78	74.0	25.22	Peak	7.00	400	Vertical	Pass
2**	4231.345	39.72	54.0	14.28	AV	7.00	400	Vertical	Pass
3	5031.685	50.99	74.0	23.02	Peak	52.00	200	Vertical	Pass
3**	5031.685	43.00	54.0	11.00	AV	52.00	200	Vertical	Pass
4	7457.381	56.33	74.0	17.67	Peak	35.00	200	Vertical	Pass
4**	7457.381	47.28	54.0	6.72	AV	35.00	200	Vertical	Pass
5	12323.907	50.45	74.0	23.56	Peak	101.00	400	Vertical	Pass
5**	12323.907	40.61	54.0	13.39	AV	101.00	400	Vertical	Pass
6	15436.886	50.21	74.0	23.79	Peak	331.00	100	Vertical	Pass
6**	15436.886	41.20	54.0	12.80	AV	331.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.783	38.46	74.0	35.54	Peak	25.00	300	Horizontal	Pass
1**	1599.783	28.57	54.0	25.43	AV	25.00	300	Horizontal	Pass
2	4284.236	47.63	74.0	26.37	Peak	103.00	100	Horizontal	Pass
2**	4284.236	38.21	54.0	15.79	AV	103.00	100	Horizontal	Pass
3	5039.018	49.74	74.0	24.26	Peak	202.00	200	Horizontal	Pass
3**	5039.018	39.56	54.0	14.44	AV	202.00	200	Horizontal	Pass
4	7596.200	53.17	74.0	20.83	Peak	257.00	400	Horizontal	Pass
4**	7596.200	44.05	54.0	9.96	AV	257.00	400	Horizontal	Pass
5	12464.148	53.12	74.0	20.88	Peak	357.00	400	Horizontal	Pass
5**	12464.148	44.79	54.0	9.21	AV	357.00	400	Horizontal	Pass
6	15899.061	54.83	74.0	19.17	Peak	68.00	400	Horizontal	Pass
6**	15899.061	45.46	54.0	8.55	AV	68.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.171	42.07	74.0	31.94	Peak	186.00	200	Vertical	Pass
1**	1456.171	32.35	54.0	21.65	AV	186.00	200	Vertical	Pass
2	4232.253	48.70	74.0	25.30	Peak	311.00	400	Vertical	Pass
2**	4232.253	39.67	54.0	14.33	AV	311.00	400	Vertical	Pass
3	5038.414	50.72	74.0	23.28	Peak	215.00	200	Vertical	Pass
3**	5038.414	42.80	54.0	11.20	AV	215.00	200	Vertical	Pass
4	7461.125	56.24	74.0	17.76	Peak	255.00	400	Vertical	Pass
4**	7461.125	47.02	54.0	6.98	AV	255.00	400	Vertical	Pass
5	12326.461	50.29	74.0	23.71	Peak	108.00	100	Vertical	Pass
5**	12326.461	40.64	54.0	13.36	AV	108.00	100	Vertical	Pass
6	15432.728	49.98	74.0	24.02	Peak	162.00	400	Vertical	Pass
6**	15432.728	41.19	54.0	12.81	AV	162.00	400	Vertical	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.709	38.14	74.0	35.87	Peak	6.00	200	Horizontal	Pass
1**	1600.709	28.39	54.0	25.61	AV	6.00	200	Horizontal	Pass
2	4286.288	47.80	74.0	26.20	Peak	117.00	100	Horizontal	Pass
2**	4286.288	38.06	54.0	15.94	AV	117.00	100	Horizontal	Pass
3	5036.337	49.73	74.0	24.27	Peak	288.00	200	Horizontal	Pass
3**	5036.337	39.46	54.0	14.54	AV	288.00	200	Horizontal	Pass
4	7595.504	52.97	74.0	21.03	Peak	294.00	100	Horizontal	Pass
4**	7595.504	44.06	54.0	9.94	AV	294.00	100	Horizontal	Pass
5	12470.736	53.08	74.0	20.92	Peak	242.00	400	Horizontal	Pass
5**	12470.736	44.81	54.0	9.19	AV	242.00	400	Horizontal	Pass
6	15900.234	54.66	74.0	19.34	Peak	32.00	100	Horizontal	Pass
6**	15900.234	45.21	54.0	8.79	AV	32.00	100	Horizontal	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.278	41.90	74.0	32.10	Peak	309.00	300	Vertical	Pass
1**	1460.278	32.43	54.0	21.57	AV	309.00	300	Vertical	Pass
2	4227.404	48.54	74.0	25.47	Peak	91.00	100	Vertical	Pass
2**	4227.404	39.54	54.0	14.46	AV	91.00	100	Vertical	Pass
3	5031.634	50.52	74.0	23.48	Peak	314.00	200	Vertical	Pass
3**	5031.634	42.76	54.0	11.24	AV	314.00	200	Vertical	Pass
4	7456.757	56.09	74.0	17.91	Peak	107.00	100	Vertical	Pass
4**	7456.757	46.94	54.0	7.06	AV	107.00	100	Vertical	Pass
5	12331.084	50.30	74.0	23.70	Peak	153.00	300	Vertical	Pass
5**	12331.084	40.40	54.0	13.60	AV	153.00	300	Vertical	Pass
6	15435.774	50.13	74.0	23.87	Peak	108.00	100	Vertical	Pass
6**	15435.774	41.18	54.0	12.82	AV	108.00	100	Vertical	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.242	38.05	74.0	35.96	Peak	353.00	400	Horizontal	Pass
1**	1603.242	28.17	54.0	25.83	AV	353.00	400	Horizontal	Pass
2	4281.809	47.57	74.0	26.43	Peak	67.00	100	Horizontal	Pass
2**	4281.809	37.91	54.0	16.09	AV	67.00	100	Horizontal	Pass
3	5035.982	49.80	74.0	24.20	Peak	234.00	200	Horizontal	Pass
3**	5035.982	39.17	54.0	14.83	AV	234.00	200	Horizontal	Pass
4	7589.840	52.64	74.0	21.36	Peak	50.00	400	Horizontal	Pass
4**	7589.840	43.92	54.0	10.08	AV	50.00	400	Horizontal	Pass
5	12464.142	52.83	74.0	21.17	Peak	31.00	400	Horizontal	Pass
5**	12464.142	44.74	54.0	9.26	AV	31.00	400	Horizontal	Pass
6	15901.802	54.38	74.0	19.62	Peak	231.00	200	Horizontal	Pass
6**	15901.802	45.37	54.0	8.63	AV	231.00	200	Horizontal	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.982	41.60	74.0	32.40	Peak	279.00	200	Vertical	Pass
1**	1460.982	32.18	54.0	21.82	AV	279.00	200	Vertical	Pass
2	4225.495	48.15	74.0	25.85	Peak	100.00	400	Vertical	Pass
2**	4225.495	39.49	54.0	14.51	AV	100.00	400	Vertical	Pass
3	5032.970	50.58	74.0	23.42	Peak	354.00	200	Vertical	Pass
3**	5032.970	42.46	54.0	11.54	AV	354.00	200	Vertical	Pass
4	7462.094	55.90	74.0	18.10	Peak	87.00	200	Vertical	Pass
4**	7462.094	46.86	54.0	7.14	AV	87.00	200	Vertical	Pass
5	12330.994	49.87	74.0	24.13	Peak	237.00	100	Vertical	Pass
5**	12330.994	40.24	54.0	13.76	AV	237.00	100	Vertical	Pass
6	15436.356	49.80	74.0	24.20	Peak	207.00	400	Vertical	Pass
6**	15436.356	41.07	54.0	12.93	AV	207.00	400	Vertical	Pass

11ax80(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.690	37.76	74.0	36.25	Peak	105.00	100	Horizontal	Pass
1**	1599.690	28.03	54.0	25.97	AV	105.00	100	Horizontal	Pass
2	4289.090	47.72	74.0	26.28	Peak	216.00	400	Horizontal	Pass
2**	4289.090	37.99	54.0	16.02	AV	216.00	400	Horizontal	Pass
3	5038.798	49.39	74.0	24.61	Peak	228.00	200	Horizontal	Pass
3**	5038.798	38.99	54.0	15.01	AV	228.00	200	Horizontal	Pass
4	7595.091	52.80	74.0	21.21	Peak	49.00	400	Horizontal	Pass
4**	7595.091	43.76	54.0	10.24	AV	49.00	400	Horizontal	Pass
5	12468.050	52.49	74.0	21.51	Peak	310.00	100	Horizontal	Pass
5**	12468.050	44.62	54.0	9.38	AV	310.00	100	Horizontal	Pass
6	15901.319	54.37	74.0	19.63	Peak	328.00	300	Horizontal	Pass
6**	15901.319	45.28	54.0	8.72	AV	328.00	300	Horizontal	Pass

11ax80(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.490	41.48	74.0	32.52	Peak	310.00	100	Vertical	Pass
1**	1456.490	32.03	54.0	21.97	AV	310.00	100	Vertical	Pass
2	4225.057	48.01	74.0	25.99	Peak	291.00	400	Vertical	Pass
2**	4225.057	39.17	54.0	14.83	AV	291.00	400	Vertical	Pass
3	5038.198	50.50	74.0	23.50	Peak	91.00	200	Vertical	Pass
3**	5038.198	42.23	54.0	11.77	AV	91.00	200	Vertical	Pass
4	7460.953	55.69	74.0	18.31	Peak	27.00	200	Vertical	Pass
4**	7460.953	46.60	54.0	7.41	AV	27.00	200	Vertical	Pass
5	12330.054	49.97	74.0	24.04	Peak	96.00	300	Vertical	Pass
5**	12330.054	39.91	54.0	14.09	AV	96.00	300	Vertical	Pass
6	15431.810	49.82	74.0	24.18	Peak	332.00	300	Vertical	Pass
6**	15431.810	40.82	54.0	13.18	AV	332.00	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
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	802.11ax(HE80)(SU)	Middle	Pass

Note ¹: All antenna were pre tested, but only the worst case has been reported in this report.

Note ²: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

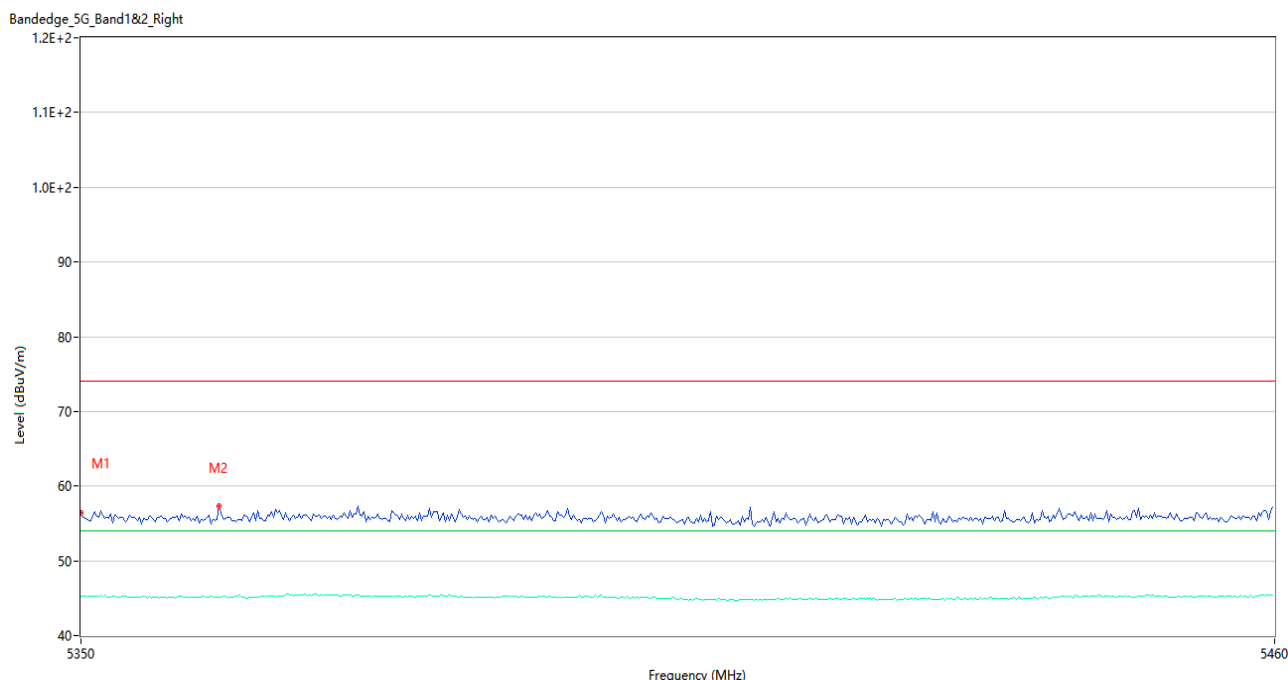
Test Data and Plots

SISO-ANT2

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	5128.689	55.63	74.0	18.37	Peak	299.00	200	Horizontal	Pass
1**	5128.689	43.90	54.0	10.10	AV	299.00	200	Horizontal	Pass
2	5150.000	55.64	74.0	18.36	Peak	180.00	200	Horizontal	Pass
2**	5150.000	44.87	54.0	9.13	AV	180.00	200	Horizontal	Pass

U-NII-1 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.90	74.0	18.10	Peak	116.00	200	Horizontal	Pass
1**	5350.000	45.28	54.0	8.72	AV	116.00	200	Horizontal	Pass
2	5363.904	56.54	74.0	17.46	Peak	154.00	300	Horizontal	Pass
2**	5363.904	44.40	54.0	9.60	AV	154.00	300	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	5128.931	55.81	74.0	18.19	Peak	208.00	200	Horizontal	Pass
1**	5128.931	44.28	54.0	9.72	AV	208.00	200	Horizontal	Pass
2	5150.000	55.14	74.0	18.86	Peak	230.00	200	Horizontal	Pass
2**	5150.000	44.23	54.0	9.77	AV	230.00	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	56.04	74.0	17.96	Peak	157.00	200	Horizontal	Pass
1**	5350.000	45.17	54.0	8.83	AV	157.00	200	Horizontal	Pass
2	5362.914	57.36	74.0	16.64	Peak	51.00	300	Horizontal	Pass
2**	5362.914	44.25	54.0	9.75	AV	51.00	300	Horizontal	Pass

U-NII-1 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.088	61.49	74.0	12.51	Peak	165.00	300	Horizontal	Pass
1**	5148.088	44.59	54.0	9.41	AV	165.00	300	Horizontal	Pass
2	5150.000	59.41	74.0	14.59	Peak	346.00	300	Horizontal	Pass
2**	5150.000	44.33	54.0	9.67	AV	346.00	300	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	56.31	74.0	17.69	Peak	29.00	100	Horizontal	Pass
1**	5350.000	44.37	54.0	9.63	AV	29.00	100	Horizontal	Pass
2	5363.393	56.59	74.0	17.41	Peak	194.00	300	Horizontal	Pass
2**	5363.393	44.90	54.0	9.10	AV	194.00	300	Horizontal	Pass

U-NII-1 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.809	61.82	74.0	12.18	Peak	187.00	200	Horizontal	Pass
1**	5147.809	44.13	54.0	9.87	AV	187.00	200	Horizontal	Pass
2	5150.000	59.93	74.0	14.07	Peak	156.00	100	Horizontal	Pass
2**	5150.000	43.10	54.0	10.90	AV	156.00	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	55.64	74.0	18.36	Peak	17.00	200	Horizontal	Pass
1**	5350.000	44.67	54.0	9.33	AV	17.00	200	Horizontal	Pass
2	5364.463	57.33	74.0	16.67	Peak	285.00	300	Horizontal	Pass
2**	5364.463	45.05	54.0	8.95	AV	285.00	300	Horizontal	Pass

U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.660	61.96	74.0	12.04	Peak	28.00	200	Horizontal	Pass
1**	5147.660	45.05	54.0	8.95	AV	28.00	200	Horizontal	Pass
2	5150.000	59.21	74.0	14.79	Peak	318.00	200	Horizontal	Pass
2**	5150.000	44.35	54.0	9.65	AV	318.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.04	74.0	17.96	Peak	130.00	200	Horizontal	Pass
1**	5350.000	44.92	54.0	9.08	AV	130.00	200	Horizontal	Pass
2	5363.957	56.46	74.0	17.54	Peak	174.00	200	Horizontal	Pass
2**	5363.957	44.35	54.0	9.65	AV	174.00	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	5139.797	56.40	74.0	17.60	Peak	208.00	100	Horizontal	Pass
1**	5139.797	44.47	54.0	9.53	AV	208.00	100	Horizontal	Pass
2	5150.000	59.89	74.0	14.11	Peak	192.00	300	Horizontal	Pass
2**	5150.000	44.06	54.0	9.94	AV	192.00	300	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.84	74.0	18.16	Peak	326.00	200	Horizontal	Pass
1**	5350.000	44.93	54.0	9.07	AV	326.00	200	Horizontal	Pass
2	5364.791	56.69	74.0	17.31	Peak	194.00	200	Horizontal	Pass
2**	5364.791	44.46	54.0	9.54	AV	194.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.856	59.58	74.0	14.42	Peak	357.00	100	Horizontal	Pass
1**	5140.856	45.18	54.0	8.82	AV	357.00	100	Horizontal	Pass
2	5150.000	60.05	74.0	13.95	Peak	278.00	300	Horizontal	Pass
2**	5150.000	44.45	54.0	9.55	AV	278.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	74.0	17.81	Peak	131.00	200	Horizontal	Pass
1**	5350.000	44.96	54.0	9.04	AV	131.00	200	Horizontal	Pass
2	5364.830	57.24	74.0	16.76	Peak	230.00	300	Horizontal	Pass
2**	5364.830	44.55	54.0	9.45	AV	230.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.109	61.06	74.0	12.94	Peak	357.00	100	Horizontal	Pass
1**	5140.109	44.88	54.0	9.12	AV	357.00	100	Horizontal	Pass
2	5150.000	58.74	74.0	15.26	Peak	82.00	300	Horizontal	Pass
2**	5150.000	44.10	54.0	9.90	AV	82.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.67	74.0	18.33	Peak	347.00	200	Horizontal	Pass
1**	5350.000	44.80	54.0	9.20	AV	347.00	200	Horizontal	Pass
2	5364.133	57.15	74.0	16.85	Peak	14.00	200	Horizontal	Pass
2**	5364.133	44.82	54.0	9.18	AV	14.00	200	Horizontal	Pass

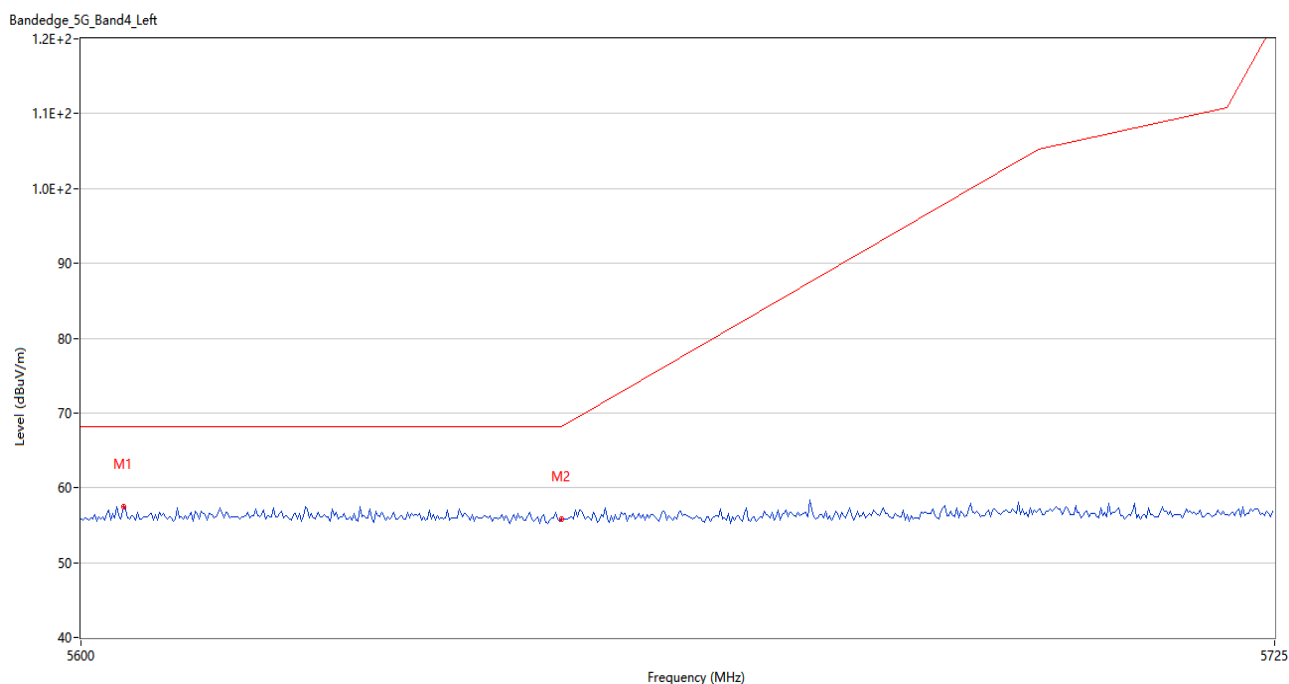
U-NII-1 11ax80(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.566	60.97	74.0	13.03	Peak	218.00	300	Horizontal	Pass
1**	5139.566	44.32	54.0	9.68	AV	218.00	300	Horizontal	Pass
2	5150.000	58.60	74.0	15.40	Peak	187.00	200	Horizontal	Pass
2**	5150.000	44.79	54.0	9.21	AV	187.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.58	74.0	18.42	Peak	270.00	200	Horizontal	Pass
1**	5350.000	44.92	54.0	9.08	AV	270.00	200	Horizontal	Pass
2	5363.249	56.42	74.0	17.58	Peak	139.00	300	Horizontal	Pass
2**	5363.249	44.74	54.0	9.26	AV	139.00	300	Horizontal	Pass

U-NII-3 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5603.864	57.39	68.2	10.81	Peak	18.00	100	Horizontal	Pass
2	5650.000	55.66	68.2	12.54	Peak	18.00	100	Horizontal	Pass

U-NII-3 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.87	68.2	13.33	Peak	204.00	300	Horizontal	Pass
2	5943.487	57.34	68.2	10.86	Peak	145.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5602.765	55.194	68.2	13.01	Peak	81.00	200	Horizontal	Pass
2	5650.000	54.554	68.2	13.65	Peak	81.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.198	68.2	14.00	Peak	5.00	100	Horizontal	Pass
2	5943.813	56.89	68.2	11.31	Peak	195.00	300	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	5601.939	54.874	68.2	13.33	Peak	46.00	300	Horizontal	Pass
2	5650.000	53.884	68.2	14.32	Peak	46.00	300	Horizontal	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.258	68.2	13.94	Peak	131.00	100	Horizontal	Pass
2	5946.346	57.08	68.2	11.12	Peak	126.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5599.511	53.124	68.2	15.08	Peak	282.00	300	Horizontal	Pass
2	5650.000	52.704	68.2	15.50	Peak	282.00	300	Horizontal	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	53.778	68.2	14.42	Peak	108.00	300	Horizontal	Pass
2	5948.530	57.31	68.2	10.89	Peak	53.00	100	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	5596.995	51.874	68.2	16.33	Peak	306.00	200	Horizontal	Pass
2	5650.000	52.594	68.2	15.61	Peak	306.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	52.558	68.2	15.64	Peak	306.00	100	Horizontal	Pass
2	5949.406	56.82	68.2	11.38	Peak	304.00	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	5596.800	52.104	68.2	16.10	Peak	221.00	300	Horizontal	Pass
2	5650.000	51.504	68.2	16.70	Peak	221.00	300	Horizontal	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	50.218	68.2	17.98	Peak	169.00	200	Horizontal	Pass
2	5951.002	55.36	68.2	12.84	Peak	207.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5594.902	50.964	68.2	17.24	Peak	260.00	300	Horizontal	Pass
2	5650.000	49.304	68.2	18.90	Peak	260.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	48.408	68.2	19.79	Peak	33.00	300	Horizontal	Pass
2	5952.204	54.85	68.2	13.35	Peak	143.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5592.506	48.514	68.2	19.69	Peak	168.00	200	Horizontal	Pass
2	5650.000	48.534	68.2	19.67	Peak	168.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	46.958	68.2	21.24	Peak	223.00	300	Horizontal	Pass
2	5954.743	54.7	68.2	13.50	Peak	326.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5592.428	47.764	68.2	20.44	Peak	28.00	200	Horizontal	Pass
2	5650.000	48.974	68.2	19.23	Peak	28.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	46.108	68.2	22.09	Peak	190.00	200	Horizontal	Pass
2	5956.707	54.77	68.2	13.43	Peak	249.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2610063-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2610063-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2610063-AI.PDF”.

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--END OF REPORT--