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TESTING
CNAS L6791

TEST REPORT

Applicant:	Ugreen Group Limited
Address:	URGEEN Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Equipment Type:	AX900 USB Dual Band Wi-Fi Adapter
Model Name:	CM762
Brand Name:	UGREEN
FCC ID:	2AQI5-CM762
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jun. 21, 2024
Test Date:	Jun. 24, 2024 - Jul. 14, 2024
Date of Issue:	Aug. 06, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu

Checked by: Ye Hongji

Approved by: Sunny Zou

(Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Aug. 06, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Ugreen Group Limited
Address	URGEEN Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

2.2 Manufacturer Information

Manufacturer	Ugreen Group Limited
Address	URGEEN Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

2.3 Factory Information

Factory	SHENZHEN TENDA TECHNOLOGY CO., LTD. DONGGUAN BRANCH
Address	No.3 Gongye West Road II, Songshanhu Park, Dongguan City, Guangdong Province, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	AX900 USB Dual Band Wi-Fi Adapter
Model Name Under Test	CM762
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	10056083 V3.1
Software Version	6.40.60.192
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

Remark:

- Product Number (P/N) code in the below table, for marketing purpose, will be marked on the marking plate.

35264	35264P	35264X	35264A	35264B	35264C
35264U	35264JP	35264EU	35264UK	35264US	

2.5 Technical Information

Network and Wireless connectivity	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) and 802.11ax(HE20/40/80), U-NII-1/3

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: 38.28 mW U-NII-3: 38.27 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Internal Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.5 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.3 dBi
About the Product	The equipment is AX900 USB Wireless Adapter, intended for used with information technology equipment.

2.6 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 Channel	U-NII-3 Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	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 ☆	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	5.1.4	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	5.2.4	Pass
4	6 dB bandwidth	15.407(e)	5.2.4	Pass
5	Power Spectral Density	15.407(a)	5.3.4	Pass
6	Conducted Emission	15.207	5.4.4	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	5.5.4	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	48% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +24.6℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+45.0℃
Working Voltage of the EUT	NV (Normal Voltage)	5.0 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
				2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
				2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

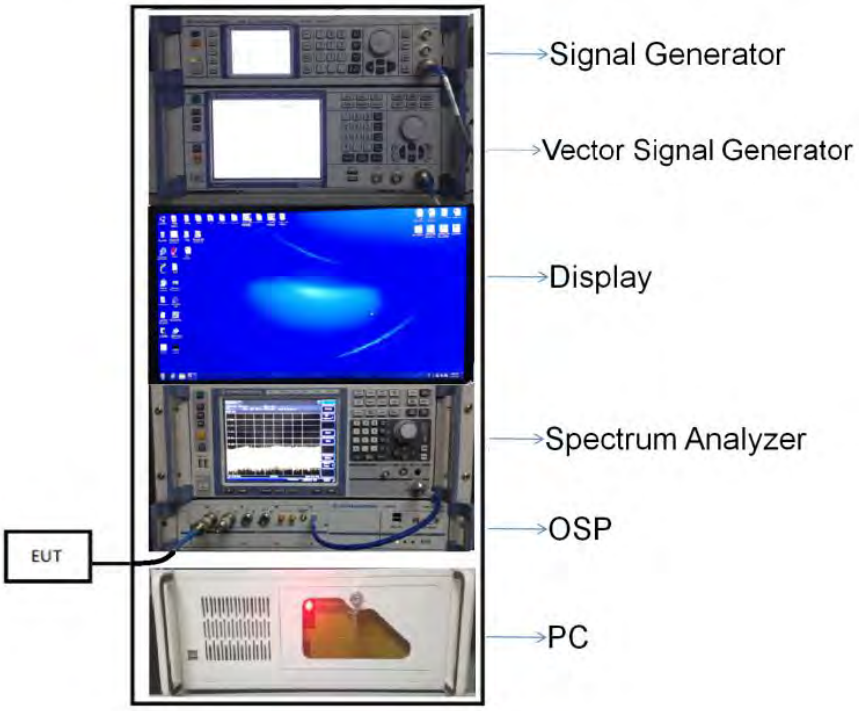
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

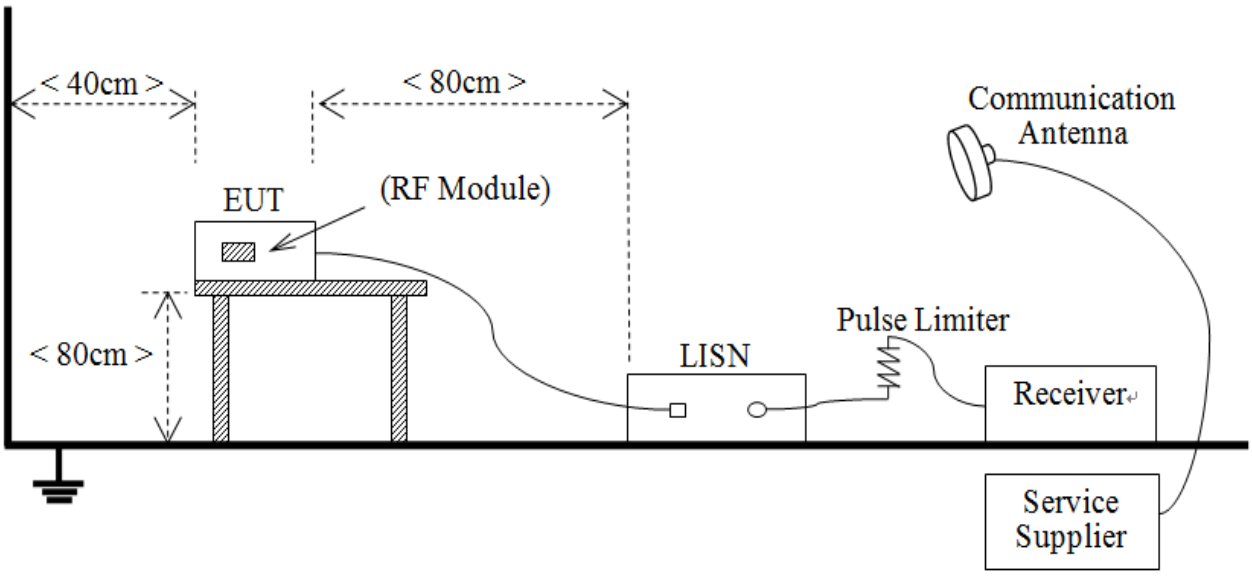
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



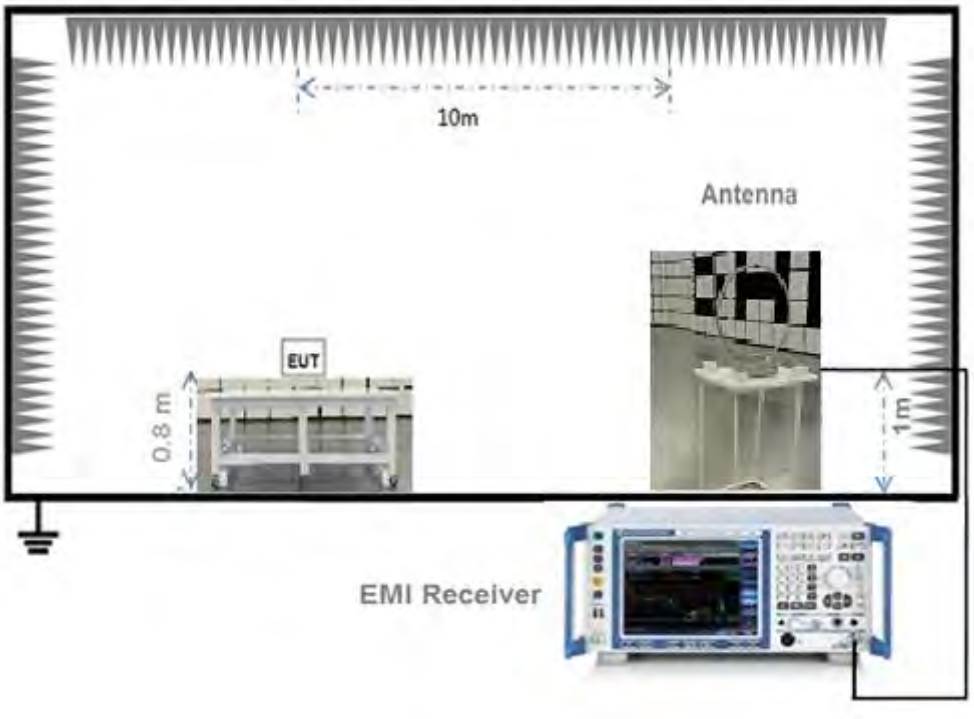
(Diagram 1)

4.5.2 For AC Power Supply Port Test



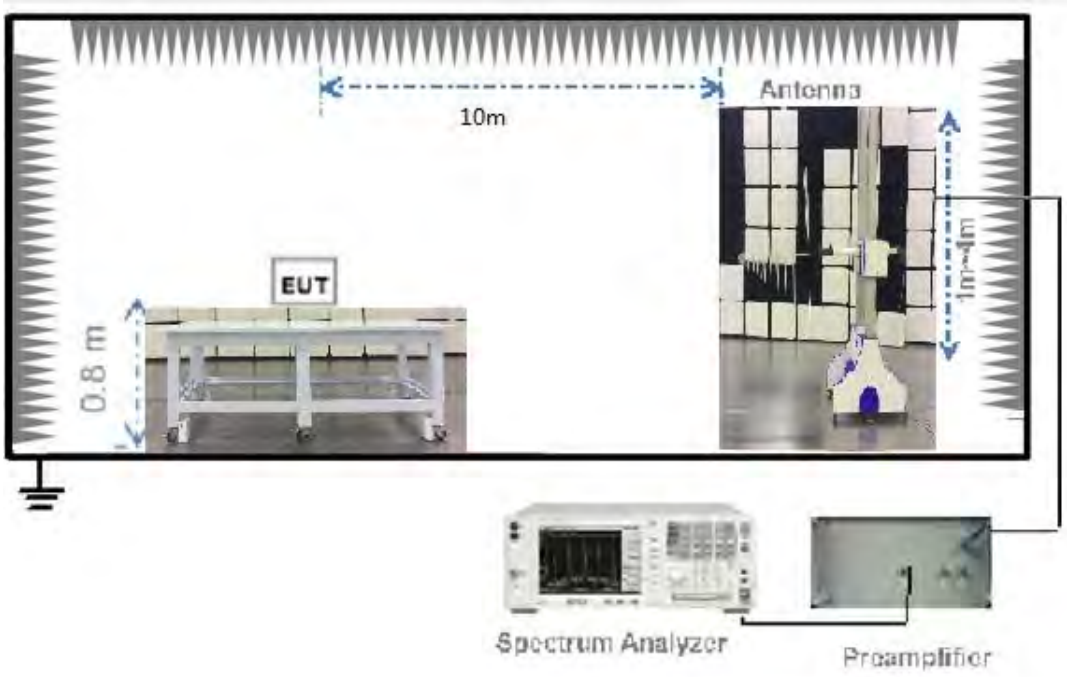
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



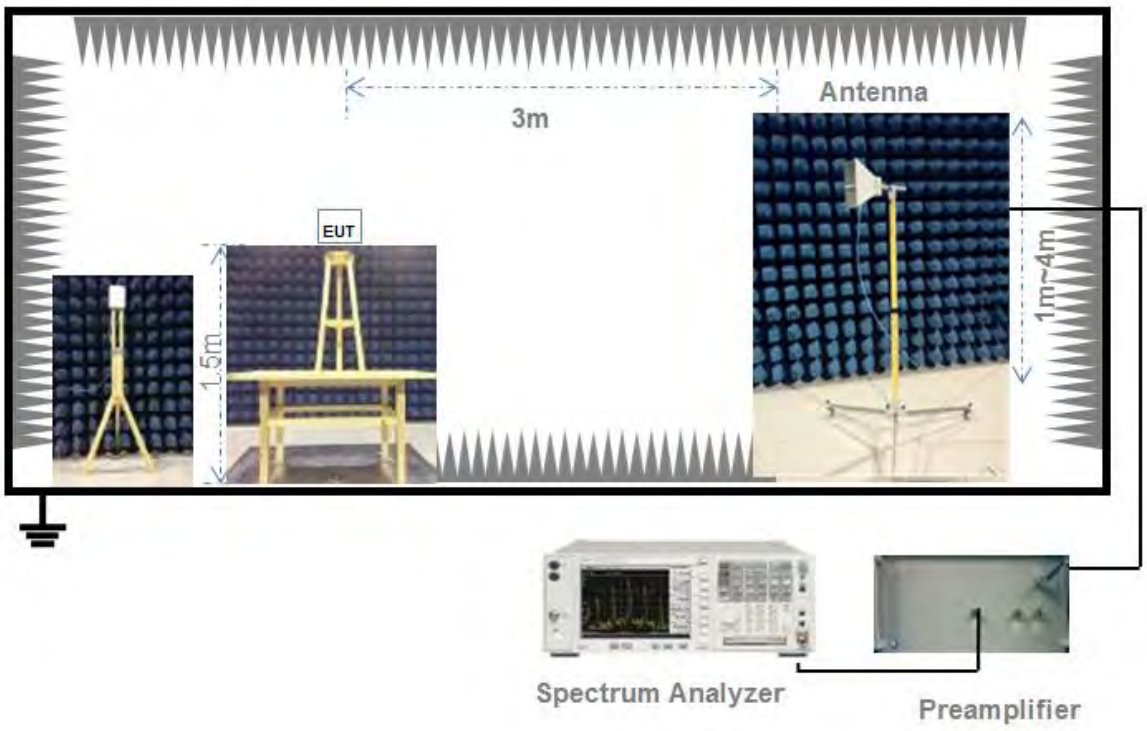
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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 A.

5.1.3 Test Procedure

Maximum conducted (average) output power

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

1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

Set VBW ≥ RBW. Set detector = peak or average.

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

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

5.1.4 Test Result

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.40	1.54	90.35%	0.44
11n (HT20)/11ac (VHT20)	5.10	5.30	96.24%	0.17
11n (HT40)/11ac (VHT40)	4.88	5.12	95.47%	0.20
11ac (VHT80)	4.50	4.76	94.54%	0.24
11ax (HE20)(SU)	3.87	4.11	94.16%	0.26
11ax (HE40)(SU)	3.86	4.11	93.87%	0.27
11ax (HE80)(SU)	3.68	3.94	93.57%	0.29

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.79	37.93	250	Pass
11a	CH44	15.66	36.81	250	Pass
11a	CH48	15.17	32.89	250	Pass
11n (HT20)	CH36	15.83	38.28	250	Pass
11n (HT20)	CH44	15.67	36.90	250	Pass
11n (HT20)	CH48	15.56	35.97	250	Pass
11n (HT40)	CH38	15.43	34.91	250	Pass
11n (HT40)	CH46	15.55	35.89	250	Pass
11ac (VHT20)	CH36	15.80	38.02	250	Pass
11ac (VHT20)	CH44	15.76	37.67	250	Pass
11ac (VHT20)	CH48	15.28	33.73	250	Pass
11ac (VHT40)	CH38	14.42	27.67	250	Pass
11ac (VHT40)	CH46	14.61	28.91	250	Pass
11ac (VHT80)	CH42	13.75	23.71	250	Pass
11ax (HE20)(SU)	CH36	15.62	36.48	250	Pass
11ax (HE20)(SU)	CH44	15.43	34.91	250	Pass
11ax (HE20)(SU)	CH48	15.22	33.27	250	Pass
11ax (HE40)(SU)	CH38	13.42	21.98	250	Pass
11ax (HE40)(SU)	CH46	13.46	22.18	250	Pass
11ax (HE80)(SU)	CH42	13.54	22.59	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.14	32.66	1000	Pass
11a	CH157	15.08	32.21	1000	Pass
11a	CH165	15.68	36.98	1000	Pass
11n (HT20)	CH149	15.58	36.14	1000	Pass
11n (HT20)	CH157	15.36	34.36	1000	Pass
11n (HT20)	CH165	15.67	36.90	1000	Pass
11n (HT40)	CH151	15.15	32.73	1000	Pass
11n (HT40)	CH159	15.04	31.92	1000	Pass
11ac (VHT20)	CH149	15.28	33.73	1000	Pass
11ac (VHT20)	CH157	15.44	34.99	1000	Pass
11ac (VHT20)	CH165	15.84	38.37	1000	Pass
11ac (VHT40)	CH151	14.45	27.86	1000	Pass
11ac (VHT40)	CH159	14.32	27.04	1000	Pass
11ac (VHT80)	CH155	13.12	20.51	1000	Pass
11ax (HE20)(SU)	CH149	15.31	33.96	1000	Pass
11ax (HE20)(SU)	CH157	15.19	33.04	1000	Pass
11ax (HE20)(SU)	CH165	15.82	38.19	1000	Pass
11ax (HE40)(SU)	CH151	13.42	21.98	1000	Pass
11ax (HE40)(SU)	CH159	13.21	20.94	1000	Pass
11ax (HE80)(SU)	CH155	13.41	21.93	1000	Pass

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 A.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Note: Test plots please refer to the document “Annex No.: BL-SZ2460389-602 Data Part 1.pdf”.

Test Data (Emission Bandwidth)

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	26.01	16.86
11a	CH44	25.63	16.90
11a	CH48	25.73	16.78
11n (HT20)	CH36	26.62	18.05
11n (HT20)	CH44	26.75	18.05
11n (HT20)	CH48	27.22	18.05
11n (HT40)	CH38	47.19	36.62
11n (HT40)	CH46	48.05	36.60
11ac (VHT20)	CH36	18.06	18.04
11ac (VHT20)	CH44	26.48	18.04
11ac (VHT20)	CH48	27.77	18.01
11ac (VHT40)	CH38	47.37	36.58
11ac (VHT40)	CH46	47.49	36.59
11ac (VHT80)	CH42	88.36	76.37
11ax (HE20)(SU)	CH36	26.40	19.18
11ax (HE20)(SU)	CH44	26.32	19.19
11ax (HE20)(SU)	CH48	24.08	19.26
11ax (HE40)(SU)	CH38	44.70	37.97
11ax (HE40)(SU)	CH46	46.27	37.96
11ax (HE80)(SU)	CH42	86.50	77.46

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	25.78	17.03
11a	CH157	26.06	17.02
11a	CH165	26.07	17.03
11n (HT20)	CH149	27.90	18.19
11n (HT20)	CH157	29.31	18.22
11n (HT20)	CH165	29.31	18.19
11n (HT40)	CH151	49.61	36.88
11n (HT40)	CH159	49.58	36.88
11ac (VHT20)	CH149	28.81	18.21
11ac (VHT20)	CH157	28.47	18.21
11ac (VHT20)	CH165	28.56	18.21
11ac (VHT40)	CH151	48.55	36.80
11ac (VHT40)	CH159	48.26	36.79
11ac (VHT80)	CH155	81.01	76.64
11ax (HE20)(SU)	CH149	27.73	19.29
11ax (HE20)(SU)	CH157	26.51	19.28
11ax (HE20)(SU)	CH165	27.61	19.30
11ax (HE40)(SU)	CH151	48.05	38.20
11ax (HE40)(SU)	CH159	48.52	38.17
11ax (HE80)(SU)	CH155	89.28	77.72

Note: Test plots please refer to the document “Annex No.: BL-SZ2460389-602 Data Part 2.pdf”.

Test Data (6 dB Bandwidth)

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	34.00	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	72.80	500.00	Pass
11ax (HE20)(SU)	CH149	15.70	500.00	Pass
11ax (HE20)(SU)	CH157	16.10	500.00	Pass
11ax (HE20)(SU)	CH165	15.40	500.00	Pass
11ax (HE40)(SU)	CH151	34.10	500.00	Pass
11ax (HE40)(SU)	CH159	35.20	500.00	Pass
11ax (HE80)(SU)	CH155	72.80	500.00	Pass

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 A.

5.3.3 Test Procedure

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

5.3.4 Test Result

Note: Test plots please refer to the document “Annex No.: BL-SZ2460389-602 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.71	11.00	Pass
11a	CH44	4.55	11.00	Pass
11a	CH48	4.45	11.00	Pass
11n (HT20)	CH36	4.43	11.00	Pass
11n (HT20)	CH44	4.40	11.00	Pass
11n (HT20)	CH48	4.33	11.00	Pass
11n (HT40)	CH38	1.16	11.00	Pass
11n (HT40)	CH46	1.65	11.00	Pass
11ac (VHT20)	CH36	4.68	11.00	Pass
11ac (VHT20)	CH44	4.72	11.00	Pass
11ac (VHT20)	CH48	4.67	11.00	Pass
11ac (VHT40)	CH38	1.25	11.00	Pass
11ac (VHT40)	CH46	1.14	11.00	Pass
11ac (VHT80)	CH42	-2.91	11.00	Pass
11ax (HE20)(SU)	CH36	4.38	11.00	Pass
11ax (HE20)(SU)	CH44	4.44	11.00	Pass
11ax (HE20)(SU)	CH48	4.15	11.00	Pass
11ax (HE40)(SU)	CH38	-1.05	11.00	Pass
11ax (HE40)(SU)	CH46	-0.96	11.00	Pass
11ax (HE80)(SU)	CH42	-3.96	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.93	30.00	Pass
11a	CH157	0.93	30.00	Pass
11a	CH165	1.66	30.00	Pass
11n (HT20)	CH149	0.74	30.00	Pass
11n (HT20)	CH157	0.69	30.00	Pass
11n (HT20)	CH165	1.27	30.00	Pass
11n (HT40)	CH151	-2.39	30.00	Pass
11n (HT40)	CH159	-2.50	30.00	Pass
11ac (VHT20)	CH149	0.72	30.00	Pass
11ac (VHT20)	CH157	0.67	30.00	Pass
11ac (VHT20)	CH165	0.32	30.00	Pass
11ac (VHT40)	CH151	-3.21	30.00	Pass
11ac (VHT40)	CH159	-3.46	30.00	Pass
11ac (VHT80)	CH155	-7.59	30.00	Pass
11ax (HE20)(SU)	CH149	0.43	30.00	Pass
11ax (HE20)(SU)	CH157	0.26	30.00	Pass
11ax (HE20)(SU)	CH165	1.11	30.00	Pass
11ax (HE40)(SU)	CH151	-4.45	30.00	Pass
11ax (HE40)(SU)	CH159	-4.82	30.00	Pass
11ax (HE80)(SU)	CH155	-7.77	30.00	Pass

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

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

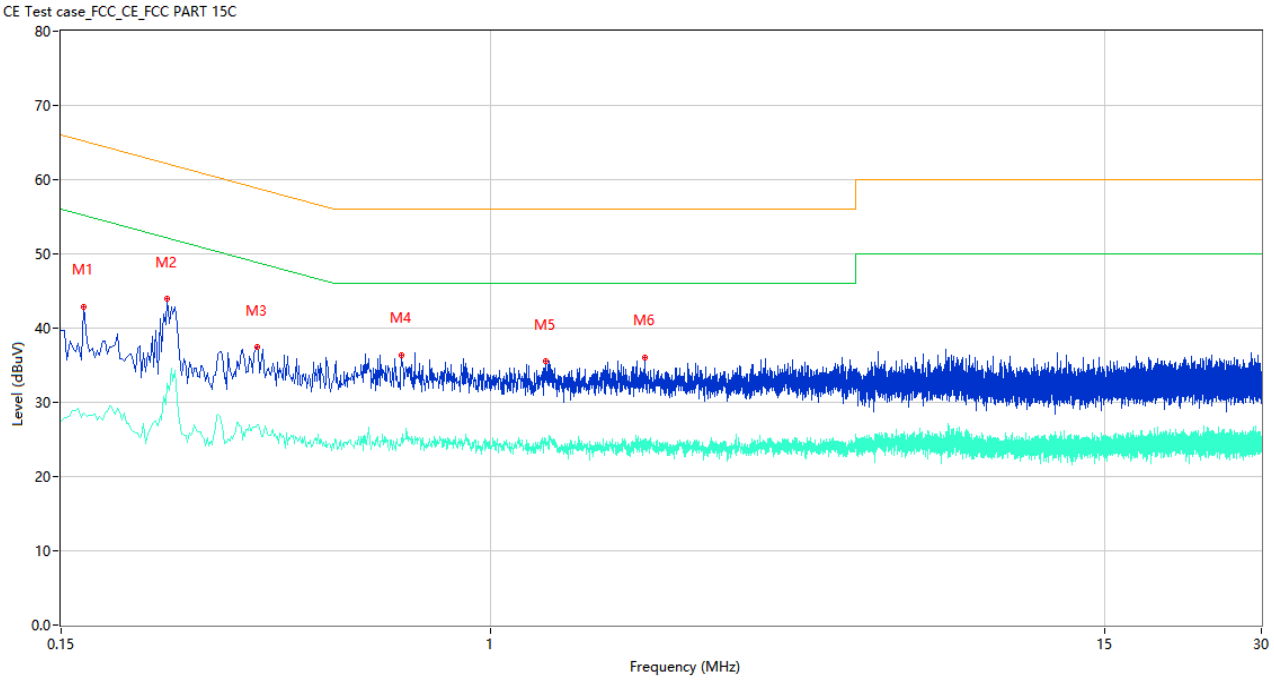
Note [1]: The EUT was tested in charging mode.

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

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

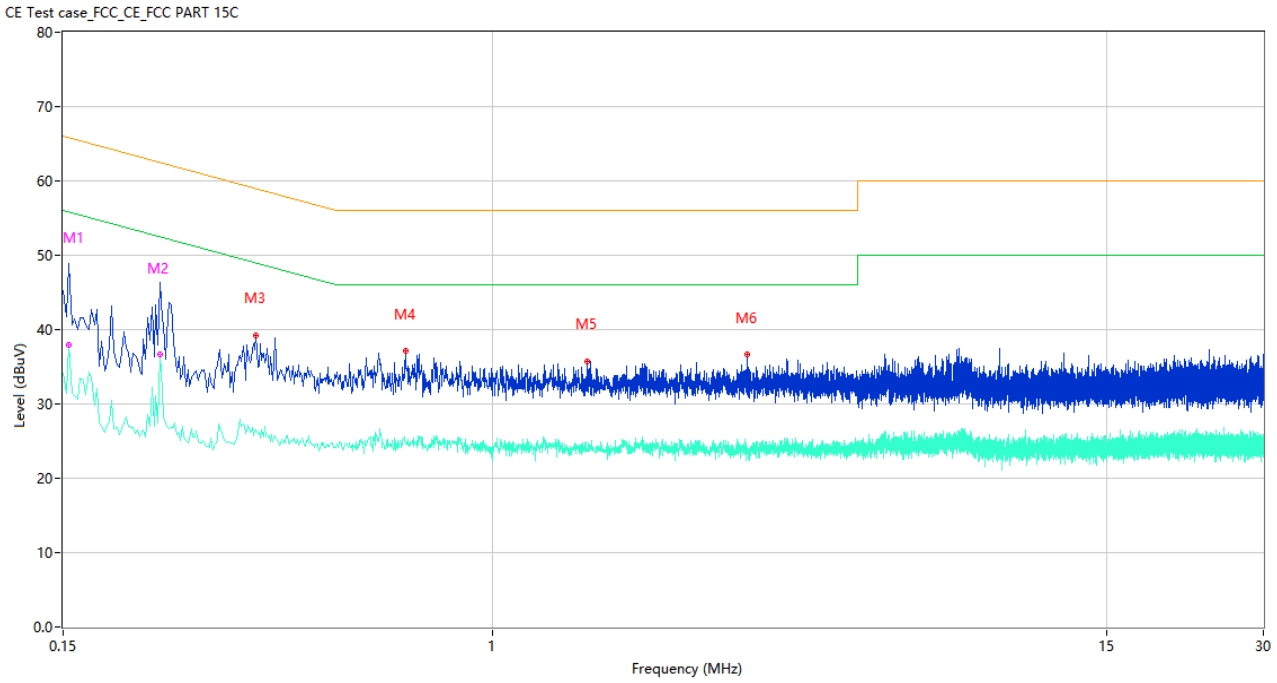
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	42.92	9.78	65.16	22.24	Peak	L	Pass
1**	0.166	28.56	9.78	55.16	26.60	AV	L	Pass
2	0.240	43.92	9.77	62.10	18.18	Peak	L	Pass
2**	0.240	32.50	9.77	52.10	19.60	AV	L	Pass
3	0.356	37.46	10.73	58.82	21.36	Peak	L	Pass
3**	0.356	27.01	10.73	48.82	21.81	AV	L	Pass
4	0.674	36.41	10.43	56.00	19.59	Peak	L	Pass
4**	0.674	24.69	10.43	46.00	21.31	AV	L	Pass
5	1.272	35.54	10.48	56.00	20.46	Peak	L	Pass
5**	1.272	25.00	10.48	46.00	21.00	AV	L	Pass
6	1.970	36.04	10.19	56.00	19.96	Peak	L	Pass
6**	1.970	24.52	10.19	46.00	21.48	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	48.92	9.78	65.78	16.86	Peak	N	Pass
1**	0.154	38.00	9.78	55.78	17.78	AV	N	Pass
2	0.230	46.33	9.77	62.45	16.12	Peak	N	Pass
2**	0.230	36.61	9.77	52.45	15.84	AV	N	Pass
3	0.352	39.25	10.75	58.92	19.67	Peak	N	Pass
3**	0.352	26.54	10.75	48.92	22.38	AV	N	Pass
4	0.680	37.12	10.48	56.00	18.88	Peak	N	Pass
4**	0.680	24.73	10.48	46.00	21.27	AV	N	Pass
5	1.520	35.72	10.22	56.00	20.28	Peak	N	Pass
5**	1.520	23.65	10.22	46.00	22.35	AV	N	Pass
6	3.078	36.65	9.93	56.00	19.35	Peak	N	Pass
6**	3.078	23.82	9.93	46.00	22.18	AV	N	Pass

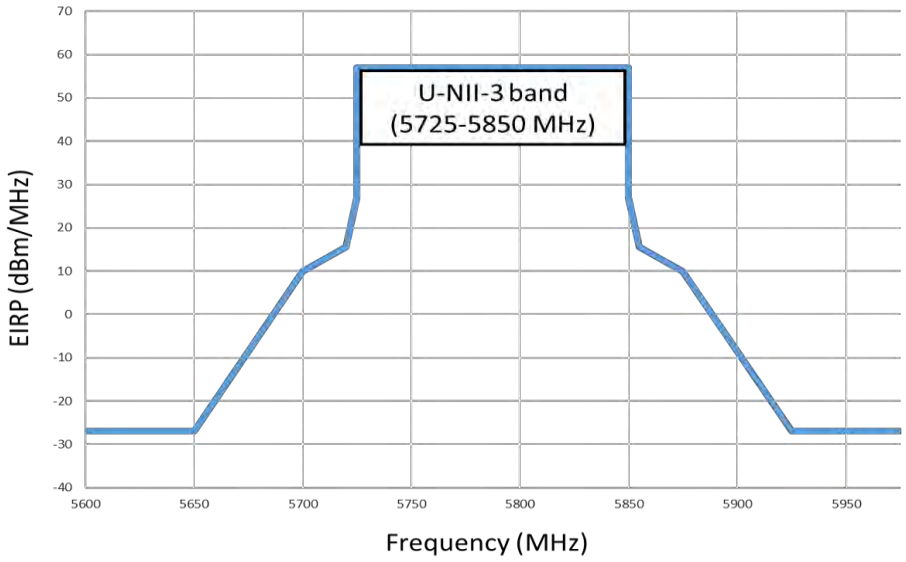
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is 10 log(1/x), where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

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

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

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

Radiated spurious emission test

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

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated

measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

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

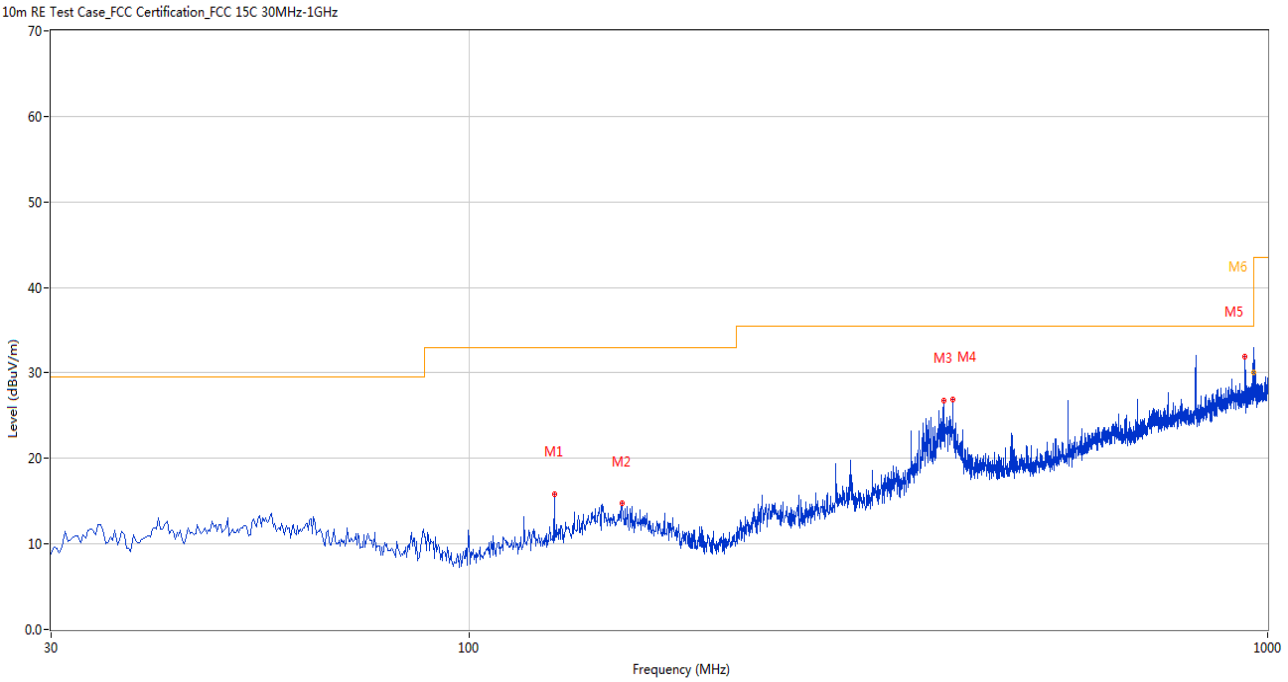
Note 2: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note 4: The EUT was tested in Link mode and the charging.

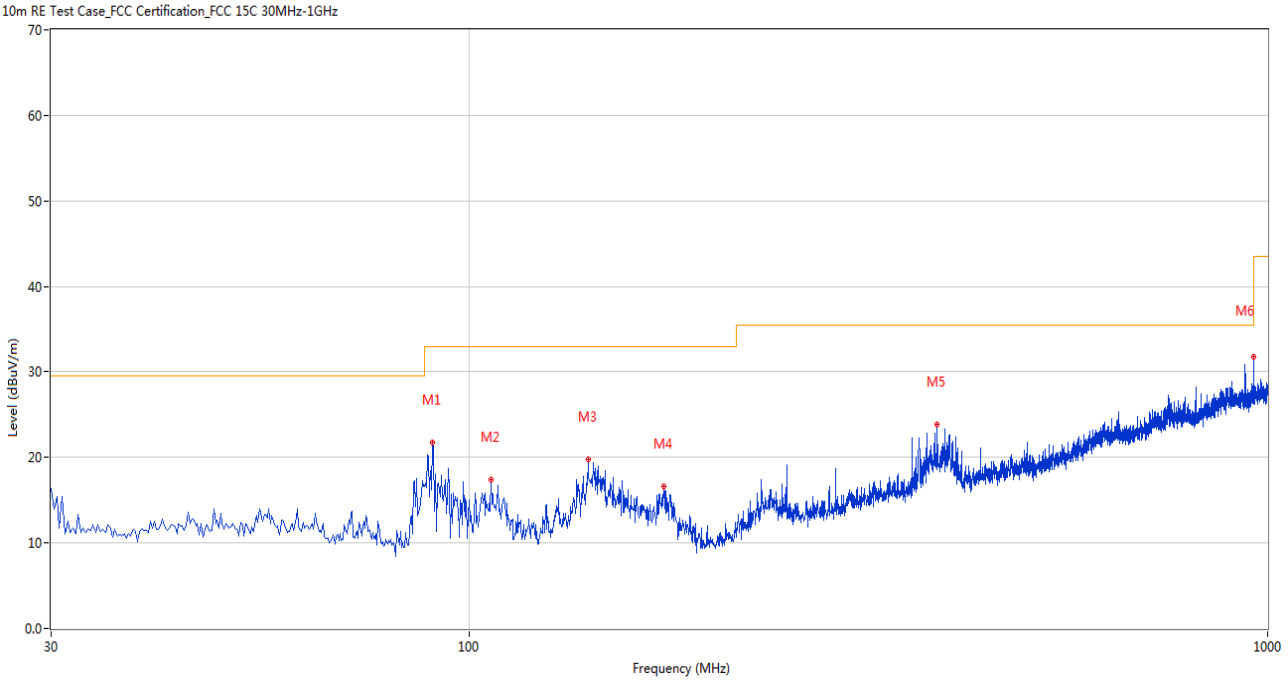
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	127.946	15.79	-27.27	33.0	17.21	Peak	134.00	100	Horizontal	Pass
2	155.584	14.70	-25.41	33.0	18.30	Peak	345.00	100	Horizontal	Pass
3	393.659	26.79	-22.34	35.5	8.71	Peak	77.00	200	Horizontal	Pass
4	403.357	26.94	-22.23	35.5	8.56	Peak	71.00	200	Horizontal	Pass
5	937.451	31.95	-10.42	35.5	3.55	Peak	128.00	100	Horizontal	Pass
6	959.987	34.52	-10.77	35.5	0.98	Peak	152.00	119	Horizontal	N/A
6*	959.987	30.12	-10.77	35.5	5.38	QP	152.00	119	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	90.125	21.74	-31.49	33.0	11.26	Peak	73.00	100	Vertical	Pass
2	106.611	17.38	-29.37	33.0	15.62	Peak	338.00	100	Vertical	Pass
3	141.037	19.81	-26.05	33.0	13.19	Peak	0.00	200	Vertical	Pass
4	175.464	16.62	-26.78	33.0	16.38	Peak	52.00	100	Vertical	Pass
5	385.659	23.88	-22.43	35.5	11.62	Peak	335.00	100	Vertical	Pass
6	959.998	31.77	-10.77	35.5	3.73	Peak	143.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.900	38.12	-16.85	74.0	35.88	Peak	360.00	300	Horizontal	Pass
1**	1602.900	29.58	-16.85	54.0	24.42	AV	360.00	300	Horizontal	Pass
2	4192.750	47.86	-5.30	74.0	26.14	Peak	0.00	200	Horizontal	Pass
2**	4192.750	37.80	-5.30	54.0	16.20	AV	0.00	200	Horizontal	Pass
3	5182.500	104.67	-2.34	--	--	Peak	322.00	200	Horizontal	N/A
3**	5182.500	97.26	-2.34	--	--	AV	322.00	200	Horizontal	N/A
4	7739.750	53.29	0.29	74.0	20.71	Peak	5.00	400	Horizontal	Pass
4**	7739.750	43.85	0.29	54.0	10.15	AV	5.00	400	Horizontal	Pass
5	12349.338	53.58	0.84	74.0	20.42	Peak	170.00	300	Horizontal	Pass
5**	12349.338	44.18	0.84	54.0	9.82	AV	170.00	300	Horizontal	Pass
6	15386.812	54.62	2.81	74.0	19.38	Peak	99.00	200	Horizontal	Pass
6**	15386.812	44.90	2.81	54.0	9.10	AV	99.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.900	39.29	-16.92	74.0	34.71	Peak	118.00	100	Vertical	Pass
1**	1449.900	28.86	-16.92	54.0	25.14	AV	118.00	100	Vertical	Pass
2	4254.000	47.82	-4.29	74.0	26.18	Peak	183.00	400	Vertical	Pass
2**	4254.000	38.23	-4.29	54.0	15.77	AV	183.00	400	Vertical	Pass
3	5181.500	101.56	-2.37	--	--	Peak	183.00	100	Vertical	N/A
3**	5181.500	94.00	-2.37	--	--	AV	183.00	100	Vertical	N/A
4	7354.250	54.04	0.40	74.0	19.96	Peak	183.00	300	Vertical	Pass
4**	7354.250	45.90	0.40	54.0	8.10	AV	183.00	300	Vertical	Pass
5	12371.425	54.19	0.96	74.0	19.81	Peak	64.00	300	Vertical	Pass
5**	12371.425	43.93	0.96	54.0	10.07	AV	64.00	300	Vertical	Pass
6	15610.724	53.46	1.18	74.0	20.54	Peak	254.00	200	Vertical	Pass
6**	15610.724	44.06	1.18	54.0	9.94	AV	254.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.300	38.45	-16.85	74.0	35.55	Peak	183.00	300	Horizontal	Pass
1**	1612.300	29.14	-16.85	54.0	24.86	AV	183.00	300	Horizontal	Pass
2	4319.250	50.51	-5.02	74.0	23.49	Peak	0.00	200	Horizontal	Pass
2**	4319.250	47.49	-5.02	54.0	6.51	AV	0.00	200	Horizontal	Pass
3	5221.750	104.48	-3.08	--	--	Peak	340.00	200	Horizontal	N/A
3**	5221.750	96.73	-3.08	--	--	AV	340.00	200	Horizontal	N/A
4	7614.750	54.04	0.27	74.0	19.96	Peak	36.00	200	Horizontal	Pass
4**	7614.750	43.53	0.27	54.0	10.47	AV	36.00	200	Horizontal	Pass
5	12556.912	53.66	1.03	74.0	20.34	Peak	300.00	200	Horizontal	Pass
5**	12556.912	42.93	1.03	54.0	11.07	AV	300.00	200	Horizontal	Pass
6	16190.063	54.56	1.88	74.0	19.44	Peak	18.00	300	Horizontal	Pass
6**	16190.063	45.75	1.88	54.0	8.25	AV	18.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.100	38.36	-16.67	74.0	35.64	Peak	66.00	200	Vertical	Pass
1**	1531.100	29.99	-16.67	54.0	24.01	AV	66.00	200	Vertical	Pass
2	4256.000	47.57	-4.07	74.0	26.43	Peak	360.00	400	Vertical	Pass
2**	4256.000	38.80	-4.07	54.0	15.20	AV	360.00	400	Vertical	Pass
3	5221.750	100.44	-3.08	--	--	Peak	178.00	100	Vertical	N/A
3**	5221.750	93.26	-3.08	--	--	AV	178.00	100	Vertical	N/A
4	7700.000	53.81	1.10	74.0	20.19	Peak	259.00	300	Vertical	Pass
4**	7700.000	43.81	1.10	54.0	10.19	AV	259.00	300	Vertical	Pass
5	12225.125	53.90	0.76	74.0	20.10	Peak	17.00	150	Vertical	Pass
5**	12225.125	43.96	0.76	54.0	10.04	AV	17.00	150	Vertical	Pass
6	15396.263	54.22	2.92	74.0	19.78	Peak	226.00	400	Vertical	Pass
6**	15396.263	44.98	2.92	54.0	9.02	AV	226.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.700	38.05	-17.04	74.0	35.95	Peak	310.00	200	Horizontal	Pass
1**	1625.700	28.89	-17.04	54.0	25.11	AV	310.00	200	Horizontal	Pass
2	4341.750	46.92	-4.74	74.0	27.08	Peak	200.00	100	Horizontal	Pass
2**	4341.750	37.67	-4.74	54.0	16.33	AV	200.00	100	Horizontal	Pass
3	5239.000	104.59	-2.94	--	--	Peak	342.00	150	Horizontal	N/A
3**	5239.000	97.40	-2.94	--	--	AV	342.00	150	Horizontal	N/A
4	7708.000	54.28	1.69	74.0	19.72	Peak	0.00	300	Horizontal	Pass
4**	7708.000	44.72	1.69	54.0	9.28	AV	0.00	300	Horizontal	Pass
5	12509.175	54.01	1.39	74.0	19.99	Peak	356.00	200	Horizontal	Pass
5**	12509.175	43.60	1.39	54.0	10.40	AV	356.00	200	Horizontal	Pass
6	15643.537	54.54	1.98	74.0	19.46	Peak	259.00	100	Horizontal	Pass
6**	15643.537	44.92	1.98	54.0	9.08	AV	259.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.900	38.49	-16.98	74.0	35.51	Peak	360.00	300	Vertical	Pass
1**	1508.900	28.46	-16.98	54.0	25.54	AV	360.00	300	Vertical	Pass
2	4334.000	52.66	-4.87	74.0	21.34	Peak	38.00	300	Vertical	Pass
2**	4334.000	49.86	-4.87	54.0	4.14	AV	38.00	300	Vertical	Pass
3	5243.500	99.01	-3.11	--	--	Peak	203.00	150	Vertical	N/A
3**	5243.500	91.25	-3.11	--	--	AV	203.00	150	Vertical	N/A
4	7420.500	53.39	1.22	74.0	20.61	Peak	223.00	300	Vertical	Pass
4**	7420.500	44.43	1.22	54.0	9.57	AV	223.00	300	Vertical	Pass
5	12348.625	53.46	0.84	74.0	20.54	Peak	254.00	150	Vertical	Pass
5**	12348.625	44.62	0.84	54.0	9.38	AV	254.00	150	Vertical	Pass
6	16089.525	55.43	1.61	74.0	18.57	Peak	352.00	400	Vertical	Pass
6**	16089.525	44.92	1.61	54.0	9.08	AV	352.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.000	38.65	-16.77	74.0	35.35	Peak	190.00	300	Horizontal	Pass
1**	1531.000	29.06	-16.77	54.0	24.94	AV	190.00	300	Horizontal	Pass
2	4255.500	47.47	-3.95	74.0	26.53	Peak	360.00	100	Horizontal	Pass
2**	4255.500	38.15	-3.95	54.0	15.85	AV	360.00	100	Horizontal	Pass
3	5181.500	104.14	-2.37	--	--	Peak	324.00	150	Horizontal	N/A
3**	5181.500	97.18	-2.37	--	--	AV	324.00	150	Horizontal	N/A
4	7358.750	53.30	0.94	74.0	20.70	Peak	242.00	400	Horizontal	Pass
4**	7358.750	44.79	0.94	54.0	9.21	AV	242.00	400	Horizontal	Pass
5	12371.188	53.75	0.96	74.0	20.25	Peak	308.00	300	Horizontal	Pass
5**	12371.188	44.07	0.96	54.0	9.93	AV	308.00	300	Horizontal	Pass
6	15894.487	54.00	1.98	74.0	20.00	Peak	266.00	200	Horizontal	Pass
6**	15894.487	44.22	1.98	54.0	9.78	AV	266.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.700	38.84	-17.02	74.0	35.16	Peak	122.00	300	Vertical	Pass
1**	1516.700	29.05	-17.02	54.0	24.95	AV	122.00	300	Vertical	Pass
2	4365.500	48.06	-4.71	74.0	25.94	Peak	347.00	400	Vertical	Pass
2**	4365.500	38.73	-4.71	54.0	15.27	AV	347.00	400	Vertical	Pass
3	5181.500	102.22	-2.37	--	--	Peak	181.00	200	Vertical	N/A
3**	5181.500	94.61	-2.37	--	--	AV	181.00	200	Vertical	N/A
4	7708.250	54.42	1.90	74.0	19.58	Peak	347.00	300	Vertical	Pass
4**	7708.250	44.46	1.90	54.0	9.54	AV	347.00	300	Vertical	Pass
5	12315.138	53.80	0.64	74.0	20.20	Peak	129.00	300	Vertical	Pass
5**	12315.138	43.69	0.64	54.0	10.31	AV	129.00	300	Vertical	Pass
6	15646.950	53.97	2.07	74.0	20.03	Peak	11.00	200	Vertical	Pass
6**	15646.950	47.10	2.07	54.0	6.90	AV	11.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.900	38.80	-16.83	74.0	35.20	Peak	217.00	100	Horizontal	Pass
1**	1611.900	29.78	-16.83	54.0	24.22	AV	217.00	100	Horizontal	Pass
2	4236.750	48.24	-5.12	74.0	25.76	Peak	284.00	200	Horizontal	Pass
2**	4236.750	38.44	-5.12	54.0	15.56	AV	284.00	200	Horizontal	Pass
3	5223.750	103.70	-3.11	--	--	Peak	347.00	100	Horizontal	N/A
3**	5223.750	96.78	-3.11	--	--	AV	347.00	100	Horizontal	N/A
4	7359.250	53.71	0.85	74.0	20.29	Peak	160.00	100	Horizontal	Pass
4**	7359.250	44.67	0.85	54.0	9.33	AV	160.00	100	Horizontal	Pass
5	11583.162	53.14	-0.82	74.0	20.86	Peak	298.00	300	Horizontal	Pass
5**	11583.162	43.42	-0.82	54.0	10.58	AV	298.00	300	Horizontal	Pass
6	16018.650	55.04	1.20	74.0	18.96	Peak	144.00	200	Horizontal	Pass
6**	16018.650	44.55	1.20	54.0	9.45	AV	144.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	40.48	-16.96	74.0	33.52	Peak	159.00	200	Vertical	Pass
1**	1496.000	28.77	-16.96	54.0	25.23	AV	159.00	200	Vertical	Pass
2	4259.000	47.25	-4.33	74.0	26.75	Peak	160.00	300	Vertical	Pass
2**	4259.000	37.72	-4.33	54.0	16.28	AV	160.00	300	Vertical	Pass
3	5218.000	101.78	-2.80	--	--	Peak	180.00	150	Vertical	N/A
3**	5218.000	93.69	-2.80	--	--	AV	180.00	150	Vertical	N/A
4	7710.000	53.61	1.69	74.0	20.39	Peak	180.00	100	Vertical	Pass
4**	7710.000	45.16	1.69	54.0	8.84	AV	180.00	100	Vertical	Pass
5	12221.563	53.65	0.71	74.0	20.35	Peak	280.00	300	Vertical	Pass
5**	12221.563	44.15	0.71	54.0	9.85	AV	280.00	300	Vertical	Pass
6	16181.925	54.22	1.94	74.0	19.78	Peak	0.00	200	Vertical	Pass
6**	16181.925	44.69	1.94	54.0	9.31	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.100	38.12	-17.24	74.0	35.88	Peak	105.00	100	Horizontal	Pass
1**	1473.100	28.60	-17.24	54.0	25.40	AV	105.00	100	Horizontal	Pass
2	4192.500	47.49	-5.32	74.0	26.51	Peak	120.00	200	Horizontal	Pass
2**	4192.500	41.68	-5.32	54.0	12.32	AV	120.00	200	Horizontal	Pass
3	5242.500	103.28	-2.92	--	--	Peak	344.00	100	Horizontal	N/A
3**	5242.500	95.71	-2.92	--	--	AV	344.00	100	Horizontal	N/A
4	7422.500	53.49	1.35	74.0	20.51	Peak	59.00	300	Horizontal	Pass
4**	7422.500	44.24	1.35	54.0	9.76	AV	59.00	300	Horizontal	Pass
5	12493.975	53.16	1.39	74.0	20.84	Peak	183.00	150	Horizontal	Pass
5**	12493.975	43.89	1.39	54.0	10.11	AV	183.00	150	Horizontal	Pass
6	16196.888	55.50	1.83	74.0	18.50	Peak	50.00	200	Horizontal	Pass
6**	16196.888	46.36	1.83	54.0	7.64	AV	50.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.900	38.42	-16.75	74.0	35.58	Peak	0.00	400	Vertical	Pass
1**	1529.900	29.32	-16.75	54.0	24.68	AV	0.00	400	Vertical	Pass
2	4255.250	47.34	-4.03	74.0	26.66	Peak	103.00	400	Vertical	Pass
2**	4255.250	39.07	-4.03	54.0	14.93	AV	103.00	400	Vertical	Pass
3	5237.250	102.34	-3.04	--	--	Peak	186.00	200	Vertical	N/A
3**	5237.250	94.88	-3.04	--	--	AV	186.00	200	Vertical	N/A
4	7346.250	53.86	-0.24	74.0	20.14	Peak	103.00	300	Vertical	Pass
4**	7346.250	44.92	-0.24	54.0	9.08	AV	103.00	300	Vertical	Pass
5	12256.950	53.55	1.03	74.0	20.45	Peak	96.00	300	Vertical	Pass
5**	12256.950	43.53	1.03	54.0	10.47	AV	96.00	300	Vertical	Pass
6	15459.526	54.26	1.84	74.0	19.74	Peak	76.00	200	Vertical	Pass
6**	15459.526	43.94	1.84	54.0	10.06	AV	76.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.900	38.42	-16.75	74.0	35.58	Peak	0.00	400	Horizontal	Pass
1**	1529.900	29.32	-16.75	54.0	24.68	AV	0.00	400	Horizontal	Pass
2	4255.250	47.34	-4.03	74.0	26.66	Peak	103.00	400	Horizontal	Pass
2**	4255.250	39.07	-4.03	54.0	14.93	AV	103.00	400	Horizontal	Pass
3	5237.250	102.34	-3.04	--	--	Peak	186.00	200	Horizontal	N/A
3**	5237.250	94.88	-3.04	--	--	AV	186.00	200	Horizontal	N/A
4	7346.250	53.86	-0.24	74.0	20.14	Peak	103.00	300	Horizontal	Pass
4**	7346.250	44.92	-0.24	54.0	9.08	AV	103.00	300	Horizontal	Pass
5	12256.950	53.55	1.03	74.0	20.45	Peak	96.00	300	Horizontal	Pass
5**	12256.950	43.53	1.03	54.0	10.47	AV	96.00	300	Horizontal	Pass
6	15459.526	54.26	1.84	74.0	19.74	Peak	76.00	200	Horizontal	Pass
6**	15459.526	43.94	1.84	54.0	10.06	AV	76.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.900	38.32	-16.93	74.0	35.68	Peak	360.00	200	Vertical	Pass
1**	1623.900	29.03	-16.93	54.0	24.97	AV	360.00	200	Vertical	Pass
2	4357.000	47.49	-4.64	74.0	26.51	Peak	38.00	200	Vertical	Pass
2**	4357.000	38.37	-4.64	54.0	15.63	AV	38.00	200	Vertical	Pass
3	5186.250	99.85	-2.42	--	--	Peak	179.00	150	Vertical	N/A
3**	5186.250	91.38	-2.42	--	--	AV	179.00	150	Vertical	N/A
4	7365.750	53.65	0.97	74.0	20.35	Peak	152.00	400	Vertical	Pass
4**	7365.750	45.07	0.97	54.0	8.93	AV	152.00	400	Vertical	Pass
5	12258.375	53.25	1.01	74.0	20.75	Peak	283.00	200	Vertical	Pass
5**	12258.375	44.14	1.01	54.0	9.86	AV	283.00	200	Vertical	Pass
6	16195.049	54.59	1.85	74.0	19.41	Peak	104.00	300	Vertical	Pass
6**	16195.049	44.89	1.85	54.0	9.11	AV	104.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	38.63	-17.21	74.0	35.37	Peak	194.00	200	Horizontal	Pass
1**	1494.800	29.06	-17.21	54.0	24.94	AV	194.00	200	Horizontal	Pass
2	4291.500	47.22	-4.71	74.0	26.78	Peak	325.00	200	Horizontal	Pass
2**	4291.500	37.65	-4.71	54.0	16.35	AV	325.00	200	Horizontal	Pass
3	5232.750	99.92	-3.05	--	--	Peak	349.00	100	Horizontal	N/A
3**	5232.750	92.88	-3.05	--	--	AV	349.00	100	Horizontal	N/A
4	7358.750	53.91	0.94	74.0	20.09	Peak	208.00	400	Horizontal	Pass
4**	7358.750	44.68	0.94	54.0	9.32	AV	208.00	400	Horizontal	Pass
5	12420.825	53.64	1.08	74.0	20.36	Peak	132.00	200	Horizontal	Pass
5**	12420.825	43.81	1.08	54.0	10.19	AV	132.00	200	Horizontal	Pass
6	15898.424	54.05	2.01	74.0	19.95	Peak	0.00	400	Horizontal	Pass
6**	15898.424	44.36	2.01	54.0	9.64	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.600	38.25	-16.93	74.0	35.75	Peak	193.00	400	Vertical	Pass
1**	1595.600	29.19	-16.93	54.0	24.81	AV	193.00	400	Vertical	Pass
2	4289.750	48.04	-4.70	74.0	25.96	Peak	317.00	400	Vertical	Pass
2**	4289.750	37.96	-4.70	54.0	16.04	AV	317.00	400	Vertical	Pass
3	5228.250	99.09	-3.20	--	--	Peak	190.00	100	Vertical	N/A
3**	5228.250	90.90	-3.20	--	--	AV	190.00	100	Vertical	N/A
4	7709.500	54.14	1.88	74.0	19.86	Peak	360.00	100	Vertical	Pass
4**	7709.500	45.03	1.88	54.0	8.97	AV	360.00	100	Vertical	Pass
5	12417.500	54.13	1.08	74.0	19.87	Peak	283.00	100	Vertical	Pass
5**	12417.500	43.67	1.08	54.0	10.33	AV	283.00	100	Vertical	Pass
6	16075.350	54.78	1.43	74.0	19.22	Peak	196.00	100	Vertical	Pass
6**	16075.350	45.56	1.43	54.0	8.44	AV	196.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.700	39.26	-17.28	74.0	34.74	Peak	103.00	400	Horizontal	Pass
1**	1494.700	28.03	-17.28	54.0	25.97	AV	103.00	400	Horizontal	Pass
2	4194.500	47.25	-5.44	74.0	26.75	Peak	266.00	400	Horizontal	Pass
2**	4194.500	39.12	-5.44	54.0	14.88	AV	266.00	400	Horizontal	Pass
3	5182.250	102.92	-2.35	--	--	Peak	349.00	200	Horizontal	N/A
3**	5182.250	95.65	-2.35	--	--	AV	349.00	200	Horizontal	N/A
4	7358.000	54.12	0.60	74.0	19.88	Peak	142.00	300	Horizontal	Pass
4**	7358.000	44.41	0.60	54.0	9.59	AV	142.00	300	Horizontal	Pass
5	12262.175	53.27	0.97	74.0	20.73	Peak	105.00	100	Horizontal	Pass
5**	12262.175	44.00	0.97	54.0	10.00	AV	105.00	100	Horizontal	Pass
6	16153.050	55.07	2.13	74.0	18.93	Peak	335.00	400	Horizontal	Pass
6**	16153.050	44.89	2.13	54.0	9.11	AV	335.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.400	38.90	-16.84	74.0	35.10	Peak	253.00	100	Vertical	Pass
1**	1497.400	29.18	-16.84	54.0	24.82	AV	253.00	100	Vertical	Pass
2	4144.250	48.24	-5.37	74.0	25.76	Peak	123.00	200	Vertical	Pass
2**	4144.250	40.27	-5.37	54.0	13.73	AV	123.00	200	Vertical	Pass
3	5175.000	101.82	-2.81	--	--	Peak	188.00	150	Vertical	N/A
3**	5175.000	94.80	-2.81	--	--	AV	188.00	150	Vertical	N/A
4	7704.750	53.80	2.00	74.0	20.20	Peak	358.00	100	Vertical	Pass
4**	7704.750	45.51	2.00	54.0	8.49	AV	358.00	100	Vertical	Pass
5	11588.625	53.29	-0.75	74.0	20.71	Peak	181.00	200	Vertical	Pass
5**	11588.625	44.33	-0.75	54.0	9.67	AV	181.00	200	Vertical	Pass
6	16185.075	54.79	1.91	74.0	19.21	Peak	37.00	400	Vertical	Pass
6**	16185.075	45.03	1.91	54.0	8.97	AV	37.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.800	38.77	-17.03	74.0	35.23	Peak	236.00	400	Horizontal	Pass
1**	1444.800	28.50	-17.03	54.0	25.50	AV	236.00	400	Horizontal	Pass
2	4176.500	47.63	-5.23	74.0	26.37	Peak	284.00	400	Horizontal	Pass
2**	4176.500	40.60	-5.23	54.0	13.40	AV	284.00	400	Horizontal	Pass
3	5220.750	103.87	-2.93	--	--	Peak	347.00	150	Horizontal	N/A
3**	5220.750	95.76	-2.93	--	--	AV	347.00	150	Horizontal	N/A
4	7709.250	53.77	1.90	74.0	20.23	Peak	307.00	400	Horizontal	Pass
4**	7709.250	44.99	1.90	54.0	9.01	AV	307.00	400	Horizontal	Pass
5	12438.400	53.56	1.05	74.0	20.44	Peak	144.00	200	Horizontal	Pass
5**	12438.400	44.24	1.05	54.0	9.76	AV	144.00	200	Horizontal	Pass
6	15648.787	54.67	2.11	74.0	19.33	Peak	71.00	200	Horizontal	Pass
6**	15648.787	45.37	2.11	54.0	8.63	AV	71.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	38.46	-16.95	74.0	35.54	Peak	152.00	100	Vertical	Pass
1**	1504.800	29.34	-16.95	54.0	24.66	AV	152.00	100	Vertical	Pass
2	4341.250	47.30	-4.97	74.0	26.70	Peak	21.00	200	Vertical	Pass
2**	4341.250	38.08	-4.97	54.0	15.92	AV	21.00	200	Vertical	Pass
3	5221.250	101.19	-3.07	--	--	Peak	171.00	100	Vertical	N/A
3**	5221.250	93.29	-3.07	--	--	AV	171.00	100	Vertical	N/A
4	7368.500	53.43	0.86	74.0	20.57	Peak	360.00	300	Vertical	Pass
4**	7368.500	45.39	0.86	54.0	8.61	AV	360.00	300	Vertical	Pass
5	12487.562	53.78	1.34	74.0	20.22	Peak	351.00	150	Vertical	Pass
5**	12487.562	43.64	1.34	54.0	10.36	AV	351.00	150	Vertical	Pass
6	16198.462	54.43	1.82	74.0	19.57	Peak	35.00	400	Vertical	Pass
6**	16198.462	44.63	1.82	54.0	9.37	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.300	38.64	-17.03	74.0	35.36	Peak	132.00	400	Horizontal	Pass
1**	1509.300	29.56	-17.03	54.0	24.44	AV	132.00	400	Horizontal	Pass
2	4349.000	47.92	-4.63	74.0	26.08	Peak	292.00	100	Horizontal	Pass
2**	4349.000	37.44	-4.63	54.0	16.56	AV	292.00	100	Horizontal	Pass
3	5238.250	103.89	-3.16	--	--	Peak	355.00	200	Horizontal	N/A
3**	5238.250	96.94	-3.16	--	--	AV	355.00	200	Horizontal	N/A
4	7724.500	54.07	0.71	74.0	19.93	Peak	360.00	300	Horizontal	Pass
4**	7724.500	44.02	0.71	54.0	9.98	AV	360.00	300	Horizontal	Pass
5	12249.588	53.37	1.10	74.0	20.63	Peak	84.00	200	Horizontal	Pass
5**	12249.588	44.37	1.10	54.0	9.63	AV	84.00	200	Horizontal	Pass
6	15653.250	54.65	2.11	74.0	19.35	Peak	43.00	400	Horizontal	Pass
6**	15653.250	44.98	2.11	54.0	9.02	AV	43.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	38.14	-17.51	74.0	35.86	Peak	360.00	400	Vertical	Pass
1**	1538.200	28.09	-17.51	54.0	25.91	AV	360.00	400	Vertical	Pass
2	4192.000	47.45	-5.40	74.0	26.55	Peak	123.00	200	Vertical	Pass
2**	4192.000	40.40	-5.40	54.0	13.60	AV	123.00	200	Vertical	Pass
3	5236.750	101.70	-2.91	--	--	Peak	197.00	100	Vertical	N/A
3**	5236.750	93.72	-2.91	--	--	AV	197.00	100	Vertical	N/A
4	7357.000	53.55	0.81	74.0	20.45	Peak	74.00	400	Vertical	Pass
4**	7357.000	44.79	0.81	54.0	9.21	AV	74.00	400	Vertical	Pass
5	12275.237	54.48	0.83	74.0	19.52	Peak	297.00	100	Vertical	Pass
5**	12275.237	43.85	0.83	54.0	10.15	AV	297.00	100	Vertical	Pass
6	15878.737	54.45	1.86	74.0	19.55	Peak	98.00	400	Vertical	Pass
6**	15878.737	45.02	1.86	54.0	8.98	AV	98.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.800	38.70	-16.99	74.0	35.30	Peak	356.00	100	Horizontal	Pass
1**	1457.800	29.52	-16.99	54.0	24.48	AV	356.00	100	Horizontal	Pass
2	4367.500	47.56	-4.73	74.0	26.44	Peak	266.00	300	Horizontal	Pass
2**	4367.500	38.49	-4.73	54.0	15.51	AV	266.00	300	Horizontal	Pass
3	5187.750	100.38	-2.46	--	--	Peak	348.00	150	Horizontal	N/A
3**	5187.750	92.47	-2.46	--	--	AV	348.00	150	Horizontal	N/A
4	7710.500	53.62	1.96	74.0	20.38	Peak	120.00	300	Horizontal	Pass
4**	7710.500	44.97	1.96	54.0	9.03	AV	120.00	300	Horizontal	Pass
5	12025.625	53.25	0.12	74.0	20.75	Peak	96.00	100	Horizontal	Pass
5**	12025.625	42.79	0.12	54.0	11.21	AV	96.00	100	Horizontal	Pass
6	15403.350	54.82	2.90	74.0	19.18	Peak	106.00	200	Horizontal	Pass
6**	15403.350	45.27	2.90	54.0	8.73	AV	106.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.700	38.56	-16.94	74.0	35.44	Peak	360.00	200	Vertical	Pass
1**	1617.700	29.46	-16.94	54.0	24.54	AV	360.00	200	Vertical	Pass
2	4387.000	47.39	-4.61	74.0	26.61	Peak	311.00	100	Vertical	Pass
2**	4387.000	38.91	-4.61	54.0	15.09	AV	311.00	100	Vertical	Pass
3	5200.250	98.58	-2.53	--	--	Peak	208.00	100	Vertical	N/A
3**	5200.250	90.40	-2.53	--	--	AV	208.00	100	Vertical	N/A
4	7704.750	53.72	2.00	74.0	20.28	Peak	0.00	300	Vertical	Pass
4**	7704.750	45.30	2.00	54.0	8.70	AV	0.00	300	Vertical	Pass
5	12245.787	53.19	1.04	74.0	20.81	Peak	360.00	150	Vertical	Pass
5**	12245.787	43.59	1.04	54.0	10.41	AV	360.00	150	Vertical	Pass
6	16199.513	54.33	1.82	74.0	19.67	Peak	89.00	100	Vertical	Pass
6**	16199.513	45.58	1.82	54.0	8.42	AV	89.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.100	38.39	-16.80	74.0	35.61	Peak	336.00	100	Horizontal	Pass
1**	1579.100	29.77	-16.80	54.0	24.23	AV	336.00	100	Horizontal	Pass
2	4184.250	47.34	-5.13	74.0	26.66	Peak	126.00	100	Horizontal	Pass
2**	4184.250	41.64	-5.13	54.0	12.36	AV	126.00	100	Horizontal	Pass
3	5224.250	101.20	-3.29	--	--	Peak	359.00	200	Horizontal	N/A
3**	5224.250	93.15	-3.29	--	--	AV	359.00	200	Horizontal	N/A
4	7441.750	54.08	0.73	74.0	19.92	Peak	360.00	300	Horizontal	Pass
4**	7441.750	43.82	0.73	54.0	10.18	AV	360.00	300	Horizontal	Pass
5	12230.825	53.93	0.84	74.0	20.07	Peak	259.00	200	Horizontal	Pass
5**	12230.825	44.10	0.84	54.0	9.90	AV	259.00	200	Horizontal	Pass
6	16059.338	54.24	1.21	74.0	19.76	Peak	38.00	400	Horizontal	Pass
6**	16059.338	44.19	1.21	54.0	9.81	AV	38.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.500	38.54	-16.89	74.0	35.46	Peak	7.00	400	Vertical	Pass
1**	1544.500	28.92	-16.89	54.0	25.08	AV	7.00	400	Vertical	Pass
2	4288.500	47.61	-4.83	74.0	26.39	Peak	162.00	300	Vertical	Pass
2**	4288.500	37.97	-4.83	54.0	16.03	AV	162.00	300	Vertical	Pass
3	5232.250	98.80	-2.99	--	--	Peak	182.00	100	Vertical	N/A
3**	5232.250	91.09	-2.99	--	--	AV	182.00	100	Vertical	N/A
4	7459.500	53.54	0.42	74.0	20.46	Peak	347.00	100	Vertical	Pass
4**	7459.500	44.10	0.42	54.0	9.90	AV	347.00	100	Vertical	Pass
5	12260.513	54.65	0.99	74.0	19.35	Peak	66.00	150	Vertical	Pass
5**	12260.513	44.71	0.99	54.0	9.29	AV	66.00	150	Vertical	Pass
6	15854.850	54.60	1.68	74.0	19.40	Peak	106.00	400	Vertical	Pass
6**	15854.850	44.46	1.68	54.0	9.54	AV	106.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.600	38.08	-16.75	74.0	35.92	Peak	153.00	300	Horizontal	Pass
1**	1612.600	29.61	-16.75	54.0	24.39	AV	153.00	300	Horizontal	Pass
2	4245.000	47.69	-4.25	74.0	26.31	Peak	103.00	300	Horizontal	Pass
2**	4245.000	39.64	-4.25	54.0	14.36	AV	103.00	300	Horizontal	Pass
3	5207.750	95.35	-2.15	--	--	Peak	329.00	200	Horizontal	N/A
3**	5207.750	88.14	-2.15	--	--	AV	329.00	200	Horizontal	N/A
4	7358.000	53.33	0.60	74.0	20.67	Peak	164.00	200	Horizontal	Pass
4**	7358.000	45.69	0.60	54.0	8.31	AV	164.00	200	Horizontal	Pass
5	12229.162	53.75	0.81	74.0	20.25	Peak	23.00	100	Horizontal	Pass
5**	12229.162	45.10	0.81	54.0	8.90	AV	23.00	100	Horizontal	Pass
6	15690.526	54.26	1.71	74.0	19.74	Peak	302.00	400	Horizontal	Pass
6**	15690.526	44.97	1.71	54.0	9.03	AV	302.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.300	39.02	-17.18	74.0	34.98	Peak	237.00	100	Vertical	Pass
1**	1540.300	28.69	-17.18	54.0	25.31	AV	237.00	100	Vertical	Pass
2	4245.500	47.17	-4.46	74.0	26.83	Peak	0.00	300	Vertical	Pass
2**	4245.500	38.17	-4.46	54.0	15.83	AV	0.00	300	Vertical	Pass
3	5224.500	94.77	-3.24	--	--	Peak	181.00	100	Vertical	N/A
3**	5224.500	86.08	-3.24	--	--	AV	181.00	100	Vertical	N/A
4	7351.000	53.53	0.20	74.0	20.47	Peak	139.00	400	Vertical	Pass
4**	7351.000	44.33	0.20	54.0	9.67	AV	139.00	400	Vertical	Pass
5	12327.487	53.62	0.71	74.0	20.38	Peak	101.00	100	Vertical	Pass
5**	12327.487	44.35	0.71	54.0	9.65	AV	101.00	100	Vertical	Pass
6	16169.850	54.19	2.02	74.0	19.81	Peak	267.00	400	Vertical	Pass
6**	16169.850	45.08	2.02	54.0	8.92	AV	267.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.700	38.66	-16.97	74.0	35.34	Peak	0.00	400	Horizontal	Pass
1**	1620.700	29.49	-16.97	54.0	24.51	AV	0.00	400	Horizontal	Pass
2	4081.250	47.42	-5.67	74.0	26.58	Peak	248.00	400	Horizontal	Pass
2**	4081.250	37.34	-5.67	54.0	16.66	AV	248.00	400	Horizontal	Pass
3	5178.750	104.64	-2.72	--	--	Peak	345.00	150	Horizontal	N/A
3**	5178.750	95.17	-2.72	--	--	AV	345.00	150	Horizontal	N/A
4	7313.500	53.49	0.59	74.0	20.51	Peak	297.00	200	Horizontal	Pass
4**	7313.500	44.02	0.59	54.0	9.98	AV	297.00	200	Horizontal	Pass
5	12268.112	53.17	0.91	74.0	20.83	Peak	208.00	150	Horizontal	Pass
5**	12268.112	43.55	0.91	54.0	10.45	AV	208.00	150	Horizontal	Pass
6	15667.687	54.51	1.95	74.0	19.49	Peak	106.00	400	Horizontal	Pass
6**	15667.687	44.88	1.95	54.0	9.12	AV	106.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.500	38.63	-16.66	74.0	35.37	Peak	120.00	100	Vertical	Pass
1**	1592.500	29.21	-16.66	54.0	24.79	AV	120.00	100	Vertical	Pass
2	4184.750	47.45	-5.35	74.0	26.55	Peak	118.00	200	Vertical	Pass
2**	4184.750	37.82	-5.35	54.0	16.18	AV	118.00	200	Vertical	Pass
3	5177.250	101.66	-2.66	--	--	Peak	181.00	100	Vertical	N/A
3**	5177.250	94.48	-2.66	--	--	AV	181.00	100	Vertical	N/A
4	7359.000	53.60	0.93	74.0	20.40	Peak	360.00	300	Vertical	Pass
4**	7359.000	46.21	0.93	54.0	7.79	AV	360.00	300	Vertical	Pass
5	12483.287	53.47	1.30	74.0	20.53	Peak	160.00	200	Vertical	Pass
5**	12483.287	44.15	1.30	54.0	9.85	AV	160.00	200	Vertical	Pass
6	16085.850	54.74	1.56	74.0	19.26	Peak	347.00	200	Vertical	Pass
6**	16085.850	45.47	1.56	54.0	8.53	AV	347.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.300	37.96	-16.88	74.0	36.04	Peak	262.00	400	Horizontal	Pass
1**	1532.300	29.38	-16.88	54.0	24.62	AV	262.00	400	Horizontal	Pass
2	4258.250	47.66	-4.07	74.0	26.34	Peak	341.00	300	Horizontal	Pass
2**	4258.250	39.65	-4.07	54.0	14.35	AV	341.00	300	Horizontal	Pass
3	5216.250	105.64	-2.68	--	--	Peak	360.00	100	Horizontal	N/A
3**	5216.250	96.13	-2.68	--	--	AV	360.00	100	Horizontal	N/A
4	7413.500	53.73	0.76	74.0	20.27	Peak	0.00	300	Horizontal	Pass
4**	7413.500	44.25	0.76	54.0	9.75	AV	0.00	300	Horizontal	Pass
5	11525.687	53.55	-0.92	74.0	20.45	Peak	224.00	150	Horizontal	Pass
5**	11525.687	43.11	-0.92	54.0	10.89	AV	224.00	150	Horizontal	Pass
6	15373.162	54.82	2.66	74.0	19.18	Peak	40.00	300	Horizontal	Pass
6**	15373.162	44.50	2.66	54.0	9.50	AV	40.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.100	38.33	-16.80	74.0	35.67	Peak	172.00	100	Vertical	Pass
1**	1513.100	30.07	-16.80	54.0	23.93	AV	172.00	100	Vertical	Pass
2	4256.500	47.38	-4.25	74.0	26.62	Peak	360.00	200	Vertical	Pass
2**	4256.500	38.24	-4.25	54.0	15.76	AV	360.00	200	Vertical	Pass
3	5218.500	102.62	-2.88	--	--	Peak	212.00	100	Vertical	N/A
3**	5218.500	95.09	-2.88	--	--	AV	212.00	100	Vertical	N/A
4	7711.500	54.10	1.98	74.0	19.90	Peak	212.00	300	Vertical	Pass
4**	7711.500	44.39	1.98	54.0	9.61	AV	212.00	300	Vertical	Pass
5	12403.013	53.58	1.10	74.0	20.42	Peak	223.00	200	Vertical	Pass
5**	12403.013	44.01	1.10	54.0	9.99	AV	223.00	200	Vertical	Pass
6	15448.762	54.37	1.97	74.0	19.63	Peak	108.00	400	Vertical	Pass
6**	15448.762	44.43	1.97	54.0	9.57	AV	108.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.700	38.55	-16.72	74.0	35.45	Peak	190.00	100	Horizontal	Pass
1**	1612.700	29.01	-16.72	54.0	24.99	AV	190.00	100	Horizontal	Pass
2	4383.000	47.17	-5.31	74.0	26.83	Peak	358.00	200	Horizontal	Pass
2**	4383.000	37.30	-5.31	54.0	16.70	AV	358.00	200	Horizontal	Pass
3	5233.500	103.17	-2.89	--	--	Peak	358.00	100	Horizontal	N/A
3**	5233.500	95.38	-2.89	--	--	AV	358.00	100	Horizontal	N/A
4	7694.750	53.58	1.07	74.0	20.42	Peak	220.00	100	Horizontal	Pass
4**	7694.750	43.44	1.07	54.0	10.56	AV	220.00	100	Horizontal	Pass
5	12241.512	53.27	0.99	74.0	20.73	Peak	8.00	100	Horizontal	Pass
5**	12241.512	44.87	0.99	54.0	9.13	AV	8.00	100	Horizontal	Pass
6	16193.738	53.77	1.86	74.0	20.23	Peak	36.00	300	Horizontal	Pass
6**	16193.738	45.79	1.86	54.0	8.21	AV	36.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	39.12	-16.50	74.0	34.88	Peak	291.00	100	Vertical	Pass
1**	1592.700	30.02	-16.50	54.0	23.98	AV	291.00	100	Vertical	Pass
2	4253.750	47.25	-4.20	74.0	26.75	Peak	184.00	200	Vertical	Pass
2**	4253.750	37.88	-4.20	54.0	16.12	AV	184.00	200	Vertical	Pass
3	5235.000	101.69	-2.95	--	--	Peak	184.00	200	Vertical	N/A
3**	5235.000	92.38	-2.95	--	--	AV	184.00	200	Vertical	N/A
4	7703.500	53.96	1.35	74.0	20.04	Peak	213.00	200	Vertical	Pass
4**	7703.500	44.37	1.35	54.0	9.63	AV	213.00	200	Vertical	Pass
5	12264.313	53.63	0.95	74.0	20.37	Peak	161.00	200	Vertical	Pass
5**	12264.313	43.81	0.95	54.0	10.19	AV	161.00	200	Vertical	Pass
6	15650.888	54.76	2.13	74.0	19.24	Peak	144.00	200	Vertical	Pass
6**	15650.888	44.35	2.13	54.0	9.65	AV	144.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.000	38.82	-16.93	74.0	35.18	Peak	105.00	200	Horizontal	Pass
1**	1532.000	29.10	-16.93	54.0	24.90	AV	105.00	200	Horizontal	Pass
2	4243.750	48.22	-4.87	74.0	25.78	Peak	0.00	300	Horizontal	Pass
2**	4243.750	38.09	-4.87	54.0	15.91	AV	0.00	300	Horizontal	Pass
3	5187.750	98.64	-2.46	--	--	Peak	343.00	200	Horizontal	N/A
3**	5187.750	89.21	-2.46	--	--	AV	343.00	200	Horizontal	N/A
4	7420.000	53.22	1.50	74.0	20.78	Peak	16.00	400	Horizontal	Pass
4**	7420.000	44.77	1.50	54.0	9.23	AV	16.00	400	Horizontal	Pass
5	12512.263	53.83	1.37	74.0	20.17	Peak	114.00	200	Horizontal	Pass
5**	12512.263	44.09	1.37	54.0	9.91	AV	114.00	200	Horizontal	Pass
6	16061.175	55.10	1.24	74.0	18.90	Peak	159.00	300	Horizontal	Pass
6**	16061.175	44.41	1.24	54.0	9.59	AV	159.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.900	38.13	-16.92	74.0	35.87	Peak	107.00	400	Vertical	Pass
1**	1449.900	29.15	-16.92	54.0	24.85	AV	107.00	400	Vertical	Pass
2	4374.000	47.68	-5.13	74.0	26.32	Peak	304.00	200	Vertical	Pass
2**	4374.000	37.87	-5.13	54.0	16.13	AV	304.00	200	Vertical	Pass
3	5188.500	96.04	-2.83	--	--	Peak	221.00	200	Vertical	N/A
3**	5188.500	85.76	-2.83	--	--	AV	221.00	200	Vertical	N/A
4	7366.250	54.29	0.64	74.0	19.71	Peak	345.00	300	Vertical	Pass
4**	7366.250	44.48	0.64	54.0	9.52	AV	345.00	300	Vertical	Pass
5	12239.612	53.38	0.96	74.0	20.62	Peak	43.00	150	Vertical	Pass
5**	12239.612	44.10	0.96	54.0	9.90	AV	43.00	150	Vertical	Pass
6	16080.600	54.88	1.49	74.0	19.12	Peak	2.00	400	Vertical	Pass
6**	16080.600	44.95	1.49	54.0	9.05	AV	2.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	38.71	-16.82	74.0	35.29	Peak	3.00	400	Horizontal	Pass
1**	1513.700	29.90	-16.82	54.0	24.10	AV	3.00	400	Horizontal	Pass
2	4183.750	48.04	-5.27	74.0	25.96	Peak	360.00	300	Horizontal	Pass
2**	4183.750	39.17	-5.27	54.0	14.83	AV	360.00	300	Horizontal	Pass
3	5226.500	100.30	-3.22	--	--	Peak	340.00	100	Horizontal	N/A
3**	5226.500	91.90	-3.22	--	--	AV	340.00	100	Horizontal	N/A
4	7420.000	53.63	1.50	74.0	20.37	Peak	199.00	400	Horizontal	Pass
4**	7420.000	44.98	1.50	54.0	9.02	AV	199.00	400	Horizontal	Pass
5	12324.400	53.12	0.70	74.0	20.88	Peak	58.00	200	Horizontal	Pass
5**	12324.400	44.22	0.70	54.0	9.78	AV	58.00	200	Horizontal	Pass
6	15696.562	55.24	1.64	74.0	18.76	Peak	298.00	200	Horizontal	Pass
6**	15696.562	46.33	1.64	54.0	7.67	AV	298.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.200	39.08	-16.88	74.0	34.92	Peak	75.00	100	Vertical	Pass
1**	1620.200	28.88	-16.88	54.0	25.12	AV	75.00	100	Vertical	Pass
2	4184.000	47.41	-5.22	74.0	26.59	Peak	221.00	300	Vertical	Pass
2**	4184.000	40.35	-5.22	54.0	13.65	AV	221.00	300	Vertical	Pass
3	5232.000	97.13	-3.10	--	--	Peak	181.00	150	Vertical	N/A
3**	5232.000	88.87	-3.10	--	--	AV	181.00	150	Vertical	N/A
4	7709.500	53.53	1.88	74.0	20.47	Peak	301.00	300	Vertical	Pass
4**	7709.500	45.12	1.88	54.0	8.88	AV	301.00	300	Vertical	Pass
5	12355.987	53.54	0.88	74.0	20.46	Peak	305.00	100	Vertical	Pass
5**	12355.987	44.59	0.88	54.0	9.41	AV	305.00	100	Vertical	Pass
6	16196.100	54.80	1.84	74.0	19.20	Peak	86.00	300	Vertical	Pass
6**	16196.100	45.06	1.84	54.0	8.94	AV	86.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.100	38.65	-16.80	74.0	35.35	Peak	305.00	100	Horizontal	Pass
1**	1621.100	29.68	-16.80	54.0	24.32	AV	305.00	100	Horizontal	Pass
2	4255.750	47.69	-3.94	74.0	26.31	Peak	262.00	400	Horizontal	Pass
2**	4255.750	38.64	-3.94	54.0	15.36	AV	262.00	400	Horizontal	Pass
3	5209.000	98.20	-2.20	--	--	Peak	344.00	100	Horizontal	N/A
3**	5209.000	88.57	-2.20	--	--	AV	344.00	100	Horizontal	N/A
4	7423.500	54.03	1.16	74.0	19.97	Peak	221.00	100	Horizontal	Pass
4**	7423.500	44.06	1.16	54.0	9.94	AV	221.00	100	Horizontal	Pass
5	12234.387	53.38	0.89	74.0	20.62	Peak	348.00	200	Horizontal	Pass
5**	12234.387	44.45	0.89	54.0	9.55	AV	348.00	200	Horizontal	Pass
6	16052.513	54.57	1.12	74.0	19.43	Peak	135.00	400	Horizontal	Pass
6**	16052.513	44.46	1.12	54.0	9.54	AV	135.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	38.48	-16.82	74.0	35.52	Peak	188.00	200	Vertical	Pass
1**	1513.700	29.72	-16.82	54.0	24.28	AV	188.00	200	Vertical	Pass
2	4349.250	47.32	-4.65	74.0	26.68	Peak	159.00	200	Vertical	Pass
2**	4349.250	37.36	-4.65	54.0	16.64	AV	159.00	200	Vertical	Pass
3	5205.250	96.16	-2.36	--	--	Peak	179.00	150	Vertical	N/A
3**	5205.250	86.38	-2.36	--	--	AV	179.00	150	Vertical	N/A
4	7708.500	53.89	1.84	74.0	20.11	Peak	36.00	100	Vertical	Pass
4**	7708.500	45.08	1.84	54.0	8.92	AV	36.00	100	Vertical	Pass
5	12394.463	53.57	1.08	74.0	20.43	Peak	141.00	200	Vertical	Pass
5**	12394.463	44.43	1.08	54.0	9.57	AV	141.00	200	Vertical	Pass
6	16089.787	54.13	1.62	74.0	19.87	Peak	113.00	100	Vertical	Pass
6**	16089.787	44.40	1.62	54.0	9.60	AV	113.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.800	38.30	-17.16	74.0	35.70	Peak	136.00	300	Horizontal	Pass
1**	1468.800	28.52	-17.16	54.0	25.48	AV	136.00	300	Horizontal	Pass
2	4295.250	47.16	-4.95	74.0	26.84	Peak	120.00	300	Horizontal	Pass
2**	4295.250	37.75	-4.95	54.0	16.25	AV	120.00	300	Horizontal	Pass
3	5742.250	105.08	-2.04	--	--	Peak	0.00	150	Horizontal	N/A
3**	5742.250	98.38	-2.04	--	--	AV	0.00	150	Horizontal	N/A
4	7705.250	53.58	2.03	74.0	20.42	Peak	242.00	300	Horizontal	Pass
4**	7705.250	44.83	2.03	54.0	9.17	AV	242.00	300	Horizontal	Pass
5	12227.262	53.73	0.79	74.0	20.27	Peak	344.00	200	Horizontal	Pass
5**	12227.262	45.68	0.79	54.0	8.32	AV	344.00	200	Horizontal	Pass
6	15652.725	54.88	2.11	74.0	19.12	Peak	219.00	100	Horizontal	Pass
6**	15652.725	44.67	2.11	54.0	9.33	AV	219.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.500	38.29	-16.95	74.0	35.71	Peak	242.00	400	Vertical	Pass
1**	1453.500	28.80	-16.95	54.0	25.20	AV	242.00	400	Vertical	Pass
2	4390.000	47.69	-5.41	74.0	26.31	Peak	321.00	300	Vertical	Pass
2**	4390.000	38.13	-5.41	54.0	15.87	AV	321.00	300	Vertical	Pass
3	5743.000	100.86	-2.06	--	--	Peak	194.00	200	Vertical	N/A
3**	5743.000	93.65	-2.06	--	--	AV	194.00	200	Vertical	N/A
4	7704.750	53.83	2.00	74.0	20.17	Peak	0.00	400	Vertical	Pass
4**	7704.750	44.87	2.00	54.0	9.13	AV	0.00	400	Vertical	Pass
5	12250.063	53.40	1.10	74.0	20.60	Peak	75.00	200	Vertical	Pass
5**	12250.063	44.44	1.10	54.0	9.56	AV	75.00	200	Vertical	Pass
6	15361.875	54.15	2.52	74.0	19.85	Peak	0.00	100	Vertical	Pass
6**	15361.875	45.05	2.52	54.0	8.95	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.300	38.86	-16.97	74.0	35.14	Peak	360.00	300	Horizontal	Pass
1**	1594.300	28.92	-16.97	54.0	25.08	AV	360.00	300	Horizontal	Pass
2	4368.000	47.46	-4.67	74.0	26.54	Peak	114.00	300	Horizontal	Pass
2**	4368.000	38.83	-4.67	54.0	15.17	AV	114.00	300	Horizontal	Pass
3	5786.750	104.69	-2.38	--	--	Peak	350.00	100	Horizontal	N/A
3**	5786.750	97.25	-2.38	--	--	AV	350.00	100	Horizontal	N/A
4	7358.750	53.98	0.94	74.0	20.02	Peak	302.00	200	Horizontal	Pass
4**	7358.750	45.17	0.94	54.0	8.83	AV	302.00	200	Horizontal	Pass
5	12241.275	53.70	0.98	74.0	20.30	Peak	324.00	150	Horizontal	Pass
5**	12241.275	43.92	0.98	54.0	10.08	AV	324.00	150	Horizontal	Pass
6	15996.599	54.16	1.25	74.0	19.84	Peak	46.00	200	Horizontal	Pass
6**	15996.599	43.83	1.25	54.0	10.17	AV	46.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	39.11	-16.91	74.0	34.89	Peak	109.00	200	Vertical	Pass
1**	1498.300	28.79	-16.91	54.0	25.21	AV	109.00	200	Vertical	Pass
2	4380.250	47.33	-4.90	74.0	26.67	Peak	311.00	300	Vertical	Pass
2**	4380.250	38.55	-4.90	54.0	15.45	AV	311.00	300	Vertical	Pass
3	5787.500	99.72	-2.46	--	--	Peak	194.00	100	Vertical	N/A
3**	5787.500	92.15	-2.46	--	--	AV	194.00	100	Vertical	N/A
4	7707.250	53.57	1.56	74.0	20.43	Peak	194.00	400	Vertical	Pass
4**	7707.250	43.85	1.56	54.0	10.15	AV	194.00	400	Vertical	Pass
5	11624.487	53.38	-0.97	74.0	20.62	Peak	62.00	100	Vertical	Pass
5**	11624.487	43.40	-0.97	54.0	10.60	AV	62.00	100	Vertical	Pass
6	16184.813	54.61	1.92	74.0	19.39	Peak	251.00	400	Vertical	Pass
6**	16184.813	45.49	1.92	54.0	8.51	AV	251.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	37.79	-16.88	74.0	36.21	Peak	193.00	400	Horizontal	Pass
1**	1497.700	28.44	-16.88	54.0	25.56	AV	193.00	400	Horizontal	Pass
2	4383.250	47.50	-5.06	74.0	26.50	Peak	360.00	400	Horizontal	Pass
2**	4383.250	38.11	-5.06	54.0	15.89	AV	360.00	400	Horizontal	Pass
3	5831.250	104.79	-2.53	--	--	Peak	355.00	100	Horizontal	N/A
3**	5831.250	97.11	-2.53	--	--	AV	355.00	100	Horizontal	N/A
4	7361.750	53.86	0.73	74.0	20.14	Peak	213.00	300	Horizontal	Pass
4**	7361.750	44.07	0.73	54.0	9.93	AV	213.00	300	Horizontal	Pass
5	12528.175	53.45	1.28	74.0	20.55	Peak	92.00	200	Horizontal	Pass
5**	12528.175	43.47	1.28	54.0	10.53	AV	92.00	200	Horizontal	Pass
6	16088.738	54.40	1.60	74.0	19.60	Peak	286.00	200	Horizontal	Pass
6**	16088.738	45.05	1.60	54.0	8.95	AV	286.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.800	38.12	-17.16	74.0	35.88	Peak	217.00	200	Vertical	Pass
1**	1493.800	32.19	-17.16	54.0	21.81	AV	217.00	200	Vertical	Pass
2	4192.250	47.24	-5.36	74.0	26.76	Peak	360.00	400	Vertical	Pass
2**	4192.250	38.14	-5.36	54.0	15.86	AV	360.00	400	Vertical	Pass
3	5822.000	100.11	-2.40	--	--	Peak	192.00	100	Vertical	N/A
3**	5822.000	91.60	-2.40	--	--	AV	192.00	100	Vertical	N/A
4	7715.500	53.59	1.50	74.0	20.41	Peak	70.00	400	Vertical	Pass
4**	7715.500	44.22	1.50	54.0	9.78	AV	70.00	400	Vertical	Pass
5	12447.425	53.47	1.04	74.0	20.53	Peak	153.00	100	Vertical	Pass
5**	12447.425	43.51	1.04	54.0	10.49	AV	153.00	100	Vertical	Pass
6	15902.625	54.07	1.98	74.0	19.93	Peak	172.00	400	Vertical	Pass
6**	15902.625	45.07	1.98	54.0	8.93	AV	172.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.200	37.85	-17.26	74.0	36.15	Peak	171.00	200	Horizontal	Pass
1**	1568.200	28.46	-17.26	54.0	25.54	AV	171.00	200	Horizontal	Pass
2	4257.500	47.13	-4.36	74.0	26.87	Peak	263.00	300	Horizontal	Pass
2**	4257.500	38.15	-4.36	54.0	15.85	AV	263.00	300	Horizontal	Pass
3	5742.250	105.89	-2.04	--	--	Peak	360.00	200	Horizontal	N/A
3**	5742.250	98.81	-2.04	--	--	AV	360.00	200	Horizontal	N/A
4	7695.750	53.28	1.14	74.0	20.72	Peak	0.00	100	Horizontal	Pass
4**	7695.750	44.34	1.14	54.0	9.66	AV	0.00	100	Horizontal	Pass
5	11490.300	53.56	-0.76	74.0	20.44	Peak	50.00	200	Horizontal	Pass
5**	11490.300	45.33	-0.76	54.0	8.67	AV	50.00	200	Horizontal	Pass
6	16162.237	54.50	2.07	74.0	19.50	Peak	309.00	100	Horizontal	Pass
6**	16162.237	44.76	2.07	54.0	9.24	AV	309.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	39.55	-16.87	74.0	34.45	Peak	110.00	200	Vertical	Pass
1**	1498.100	28.67	-16.87	54.0	25.33	AV	110.00	200	Vertical	Pass
2	4366.500	47.03	-4.91	74.0	26.97	Peak	17.00	300	Vertical	Pass
2**	4366.500	38.37	-4.91	54.0	15.63	AV	17.00	300	Vertical	Pass
3	5738.000	101.44	-2.01	--	--	Peak	177.00	200	Vertical	N/A
3**	5738.000	94.03	-2.01	--	--	AV	177.00	200	Vertical	N/A
4	7704.750	53.27	2.00	74.0	20.73	Peak	85.00	300	Vertical	Pass
4**	7704.750	44.43	2.00	54.0	9.57	AV	85.00	300	Vertical	Pass
5	12211.350	53.38	0.56	74.0	20.62	Peak	360.00	200	Vertical	Pass
5**	12211.350	43.36	0.56	54.0	10.64	AV	360.00	200	Vertical	Pass
6	16092.412	54.43	1.65	74.0	19.57	Peak	241.00	400	Vertical	Pass
6**	16092.412	44.92	1.65	54.0	9.08	AV	241.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.200	38.40	-16.81	74.0	35.60	Peak	291.00	100	Horizontal	Pass
1**	1576.200	28.94	-16.81	54.0	25.06	AV	291.00	100	Horizontal	Pass
2	4368.500	47.55	-4.96	74.0	26.45	Peak	340.00	300	Horizontal	Pass
2**	4368.500	38.58	-4.96	54.0	15.42	AV	340.00	300	Horizontal	Pass
3	5786.500	104.22	-2.25	--	--	Peak	0.00	150	Horizontal	N/A
3**	5786.500	96.75	-2.25	--	--	AV	0.00	150	Horizontal	N/A
4	7425.500	54.17	1.31	74.0	19.83	Peak	141.00	300	Horizontal	Pass
4**	7425.500	44.74	1.31	54.0	9.26	AV	141.00	300	Horizontal	Pass
5	11566.300	53.67	-1.03	74.0	20.33	Peak	45.00	200	Horizontal	Pass
5**	11566.300	44.14	-1.03	54.0	9.86	AV	45.00	200	Horizontal	Pass
6	16148.325	54.50	2.14	74.0	19.50	Peak	196.00	100	Horizontal	Pass
6**	16148.325	45.23	2.14	54.0	8.77	AV	196.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	38.56	-17.01	74.0	35.44	Peak	281.00	100	Vertical	Pass
1**	1495.900	28.39	-17.01	54.0	25.61	AV	281.00	100	Vertical	Pass
2	4273.500	47.03	-4.74	74.0	26.97	Peak	131.00	100	Vertical	Pass
2**	4273.500	37.53	-4.74	54.0	16.47	AV	131.00	100	Vertical	Pass
3	5778.250	99.77	-2.54	--	--	Peak	178.00	150	Vertical	N/A
3**	5778.250	92.68	-2.54	--	--	AV	178.00	150	Vertical	N/A
4	7710.000	54.21	1.69	74.0	19.79	Peak	0.00	400	Vertical	Pass
4**	7710.000	44.99	1.69	54.0	9.01	AV	0.00	400	Vertical	Pass
5	12247.451	53.82	1.07	74.0	20.18	Peak	224.00	200	Vertical	Pass
5**	12247.451	45.26	1.07	54.0	8.74	AV	224.00	200	Vertical	Pass
6	16032.825	54.58	1.15	74.0	19.42	Peak	333.00	100	Vertical	Pass
6**	16032.825	45.09	1.15	54.0	8.91	AV	333.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.300	38.15	-17.05	74.0	35.85	Peak	360.00	100	Horizontal	Pass
1**	1544.300	29.15	-17.05	54.0	24.85	AV	360.00	100	Horizontal	Pass
2	4380.000	47.75	-4.98	74.0	26.25	Peak	111.00	300	Horizontal	Pass
2**	4380.000	38.76	-4.98	54.0	15.24	AV	111.00	300	Horizontal	Pass
3	5821.500	104.94	-2.55	--	--	Peak	360.00	150	Horizontal	N/A
3**	5821.500	97.82	-2.55	--	--	AV	360.00	150	Horizontal	N/A
4	7717.500	53.57	1.12	74.0	20.43	Peak	65.00	100	Horizontal	Pass
4**	7717.500	44.21	1.12	54.0	9.79	AV	65.00	100	Horizontal	Pass
5	11625.675	53.29	-0.99	74.0	20.71	Peak	232.00	100	Horizontal	Pass
5**	11625.675	43.09	-0.99	54.0	10.91	AV	232.00	100	Horizontal	Pass
6	15649.313	54.21	2.13	74.0	19.79	Peak	204.00	300	Horizontal	Pass
6**	15649.313	45.17	2.13	54.0	8.83	AV	204.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.300	38.43	-16.91	74.0	35.57	Peak	83.00	200	Vertical	Pass
1**	1453.300	29.00	-16.91	54.0	25.00	AV	83.00	200	Vertical	Pass
2	4353.750	47.32	-4.96	74.0	26.68	Peak	189.00	200	Vertical	Pass
2**	4353.750	38.17	-4.96	54.0	15.83	AV	189.00	200	Vertical	Pass
3	5818.500	100.61	-2.26	--	--	Peak	189.00	200	Vertical	N/A
3**	5818.500	92.85	-2.26	--	--	AV	189.00	200	Vertical	N/A
4	7447.250	53.18	0.18	74.0	20.82	Peak	360.00	100	Vertical	Pass
4**	7447.250	43.57	0.18	54.0	10.43	AV	360.00	100	Vertical	Pass
5	12341.026	53.19	0.79	74.0	20.81	Peak	332.00	100	Vertical	Pass
5**	12341.026	44.46	0.79	54.0	9.54	AV	332.00	100	Vertical	Pass
6	15465.825	54.43	1.77	74.0	19.57	Peak	345.00	100	Vertical	Pass
6**	15465.825	44.22	1.77	54.0	9.78	AV	345.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.700	38.12	-16.83	74.0	35.88	Peak	147.00	100	Horizontal	Pass
1**	1601.700	29.20	-16.83	54.0	24.80	AV	147.00	100	Horizontal	Pass
2	4353.000	47.80	-4.55	74.0	26.20	Peak	325.00	100	Horizontal	Pass
2**	4353.000	38.32	-4.55	54.0	15.68	AV	325.00	100	Horizontal	Pass
3	5745.500	102.14	-2.05	--	--	Peak	360.00	150	Horizontal	N/A
3**	5745.500	94.12	-2.05	--	--	AV	360.00	150	Horizontal	N/A
4	7360.000	53.52	0.78	74.0	20.48	Peak	58.00	200	Horizontal	Pass
4**	7360.000	44.81	0.78	54.0	9.19	AV	58.00	200	Horizontal	Pass
5	12235.813	53.43	0.91	74.0	20.57	Peak	36.00	100	Horizontal	Pass
5**	12235.813	44.51	0.91	54.0	9.49	AV	36.00	100	Horizontal	Pass
6	15397.576	54.25	2.94	74.0	19.75	Peak	0.00	100	Horizontal	Pass
6**	15397.576	45.28	2.94	54.0	8.72	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.800	37.61	-16.84	74.0	36.39	Peak	18.00	300	Vertical	Pass
1**	1544.800	28.45	-16.84	54.0	25.55	AV	18.00	300	Vertical	Pass
2	4257.000	47.13	-4.04	74.0	26.87	Peak	72.00	300	Vertical	Pass
2**	4257.000	38.46	-4.04	54.0	15.54	AV	72.00	300	Vertical	Pass
3	5740.250	97.72	-1.96	--	--	Peak	179.00	200	Vertical	N/A
3**	5740.250	90.63	-1.96	--	--	AV	179.00	200	Vertical	N/A
4	7709.250	53.69	1.90	74.0	20.31	Peak	328.00	300	Vertical	Pass
4**	7709.250	45.41	1.90	54.0	8.59	AV	328.00	300	Vertical	Pass
5	11596.937	53.96	-0.65	74.0	20.04	Peak	343.00	100	Vertical	Pass
5**	11596.937	44.14	-0.65	54.0	9.86	AV	343.00	100	Vertical	Pass
6	15389.175	54.88	2.84	74.0	19.12	Peak	360.00	200	Vertical	Pass
6**	15389.175	44.87	2.84	54.0	9.13	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	38.59	-16.74	74.0	35.41	Peak	220.00	400	Horizontal	Pass
1**	1581.900	29.16	-16.74	54.0	24.84	AV	220.00	400	Horizontal	Pass
2	4362.000	46.98	-4.76	74.0	27.02	Peak	157.00	400	Horizontal	Pass
2**	4362.000	39.23	-4.76	54.0	14.77	AV	157.00	400	Horizontal	Pass
3	5788.750	102.21	-2.35	--	--	Peak	360.00	150	Horizontal	N/A
3**	5788.750	94.29	-2.35	--	--	AV	360.00	150	Horizontal	N/A
4	7715.250	53.35	1.51	74.0	20.65	Peak	106.00	100	Horizontal	Pass
4**	7715.250	44.71	1.51	54.0	9.29	AV	106.00	100	Horizontal	Pass
5	12279.037	53.62	0.79	74.0	20.38	Peak	41.00	150	Horizontal	Pass
5**	12279.037	43.76	0.79	54.0	10.24	AV	41.00	150	Horizontal	Pass
6	15402.037	54.18	2.93	74.0	19.82	Peak	-1.00	200	Horizontal	Pass
6**	15402.037	45.17	2.93	54.0	8.83	AV	-1.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	39.06	-16.69	74.0	34.94	Peak	215.00	100	Vertical	Pass
1**	1497.100	29.59	-16.69	54.0	24.41	AV	215.00	100	Vertical	Pass
2	4283.000	47.29	-5.04	74.0	26.71	Peak	128.00	200	Vertical	Pass
2**	4283.000	37.11	-5.04	54.0	16.89	AV	128.00	200	Vertical	Pass
3	5786.000	96.42	-2.41	--	--	Peak	190.00	200	Vertical	N/A
3**	5786.000	88.36	-2.41	--	--	AV	190.00	200	Vertical	N/A
4	7475.750	54.03	0.63	74.0	19.97	Peak	162.00	200	Vertical	Pass
4**	7475.750	43.00	0.63	54.0	11.00	AV	162.00	200	Vertical	Pass
5	12513.212	53.96	1.36	74.0	20.04	Peak	234.00	100	Vertical	Pass
5**	12513.212	44.44	1.36	54.0	9.56	AV	234.00	100	Vertical	Pass
6	16167.750	54.53	2.03	74.0	19.47	Peak	335.00	400	Vertical	Pass
6**	16167.750	44.44	2.03	54.0	9.56	AV	335.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.700	38.33	-16.75	74.0	35.67	Peak	245.00	400	Horizontal	Pass
1**	1447.700	28.43	-16.75	54.0	25.57	AV	245.00	400	Horizontal	Pass
2	4356.250	47.65	-4.80	74.0	26.35	Peak	197.00	300	Horizontal	Pass
2**	4356.250	37.51	-4.80	54.0	16.49	AV	197.00	300	Horizontal	Pass
3	5742.250	106.16	-2.04	--	--	Peak	360.00	100	Horizontal	N/A
3**	5742.250	98.10	-2.04	--	--	AV	360.00	100	Horizontal	N/A
4	7678.250	53.29	1.13	74.0	20.71	Peak	343.00	300	Horizontal	Pass
4**	7678.250	44.33	1.13	54.0	9.67	AV	343.00	300	Horizontal	Pass
5	11491.724	53.63	-0.73	74.0	20.37	Peak	30.00	200	Horizontal	Pass
5**	11491.724	44.34	-0.73	54.0	9.66	AV	30.00	200	Horizontal	Pass
6	15396.787	55.09	2.93	74.0	18.91	Peak	31.00	200	Horizontal	Pass
6**	15396.787	45.12	2.93	54.0	8.88	AV	31.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.300	38.17	-17.00	74.0	35.83	Peak	7.00	200	Vertical	Pass
1**	1602.300	28.61	-17.00	54.0	25.39	AV	7.00	200	Vertical	Pass
2	4262.000	47.36	-4.53	74.0	26.64	Peak	360.00	100	Vertical	Pass
2**	4262.000	38.32	-4.53	54.0	15.68	AV	360.00	100	Vertical	Pass
3	5738.750	100.77	-1.99	--	--	Peak	189.00	100	Vertical	N/A
3**	5738.750	94.27	-1.99	--	--	AV	189.00	100	Vertical	N/A
4	7333.750	53.45	0.09	74.0	20.55	Peak	280.00	200	Vertical	Pass
4**	7333.750	44.65	0.09	54.0	9.35	AV	280.00	200	Vertical	Pass
5	12441.962	52.95	1.05	74.0	21.05	Peak	351.00	150	Vertical	Pass
5**	12441.962	44.02	1.05	54.0	9.98	AV	351.00	150	Vertical	Pass
6	16115.250	54.46	1.87	74.0	19.54	Peak	207.00	300	Vertical	Pass
6**	16115.250	45.02	1.87	54.0	8.98	AV	207.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.800	38.35	-16.59	74.0	35.65	Peak	254.00	400	Horizontal	Pass
1**	1592.800	28.85	-16.59	54.0	25.15	AV	254.00	400	Horizontal	Pass
2	4350.250	46.84	-4.78	74.0	27.16	Peak	268.00	200	Horizontal	Pass
2**	4350.250	38.87	-4.78	54.0	15.13	AV	268.00	200	Horizontal	Pass
3	5791.000	104.23	-2.35	--	--	Peak	360.00	200	Horizontal	N/A
3**	5791.000	96.77	-2.35	--	--	AV	360.00	200	Horizontal	N/A
4	7711.500	53.68	1.98	74.0	20.32	Peak	201.00	200	Horizontal	Pass
4**	7711.500	44.44	1.98	54.0	9.56	AV	201.00	200	Horizontal	Pass
5	12486.850	53.34	1.33	74.0	20.66	Peak	24.00	200	Horizontal	Pass
5**	12486.850	43.75	1.33	54.0	10.25	AV	24.00	200	Horizontal	Pass
6	16184.813	54.68	1.92	74.0	19.32	Peak	158.00	200	Horizontal	Pass
6**	16184.813	44.85	1.92	54.0	9.15	AV	158.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.100	38.47	-16.87	74.0	35.53	Peak	203.00	400	Vertical	Pass
1**	1486.100	29.57	-16.87	54.0	24.43	AV	203.00	400	Vertical	Pass
2	4389.500	47.31	-5.59	74.0	26.69	Peak	348.00	200	Vertical	Pass
2**	4389.500	37.30	-5.59	54.0	16.70	AV	348.00	200	Vertical	Pass
3	5778.250	99.85	-2.54	--	--	Peak	180.00	200	Vertical	N/A
3**	5778.250	93.00	-2.54	--	--	AV	180.00	200	Vertical	N/A
4	7434.000	53.54	0.63	74.0	20.46	Peak	267.00	300	Vertical	Pass
4**	7434.000	44.45	0.63	54.0	9.55	AV	267.00	300	Vertical	Pass
5	12416.550	53.72	1.08	74.0	20.28	Peak	135.00	100	Vertical	Pass
5**	12416.550	44.64	1.08	54.0	9.36	AV	135.00	100	Vertical	Pass
6	16074.037	54.91	1.41	74.0	19.09	Peak	350.00	100	Vertical	Pass
6**	16074.037	45.85	1.41	54.0	8.15	AV	350.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.200	38.43	-16.98	74.0	35.57	Peak	244.00	200	Horizontal	Pass
1**	1609.200	28.80	-16.98	54.0	25.20	AV	244.00	200	Horizontal	Pass
2	4267.500	47.17	-5.12	74.0	26.83	Peak	92.00	300	Horizontal	Pass
2**	4267.500	37.28	-5.12	54.0	16.72	AV	92.00	300	Horizontal	Pass
3	5818.250	104.74	-2.23	--	--	Peak	19.00	150	Horizontal	N/A
3**	5818.250	97.85	-2.23	--	--	AV	19.00	150	Horizontal	N/A
4	7704.750	53.05	2.00	74.0	20.95	Peak	258.00	100	Horizontal	Pass
4**	7704.750	44.16	2.00	54.0	9.84	AV	258.00	100	Horizontal	Pass
5	11644.438	53.43	-1.27	74.0	20.57	Peak	46.00	100	Horizontal	Pass
5**	11644.438	44.50	-1.27	54.0	9.50	AV	46.00	100	Horizontal	Pass
6	16191.901	55.38	1.87	74.0	18.62	Peak	60.00	400	Horizontal	Pass
6**	16191.901	45.59	1.87	54.0	8.41	AV	60.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.500	37.69	-17.07	74.0	36.31	Peak	63.00	300	Vertical	Pass
1**	1515.500	28.68	-17.07	54.0	25.32	AV	63.00	300	Vertical	Pass
2	4259.000	47.37	-4.33	74.0	26.63	Peak	263.00	200	Vertical	Pass
2**	4259.000	38.62	-4.33	54.0	15.38	AV	263.00	200	Vertical	Pass
3	5818.250	100.42	-2.23	--	--	Peak	190.00	100	Vertical	N/A
3**	5818.250	92.91	-2.23	--	--	AV	190.00	100	Vertical	N/A
4	7360.000	53.42	0.78	74.0	20.58	Peak	360.00	100	Vertical	Pass
4**	7360.000	44.59	0.78	54.0	9.41	AV	360.00	100	Vertical	Pass
5	12575.200	53.26	0.71	74.0	20.74	Peak	102.00	200	Vertical	Pass
5**	12575.200	43.26	0.71	54.0	10.74	AV	102.00	200	Vertical	Pass
6	15399.151	54.23	2.96	74.0	19.77	Peak	126.00	400	Vertical	Pass
6**	15399.151	45.67	2.96	54.0	8.33	AV	126.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.300	37.82	-17.10	74.0	36.18	Peak	35.00	400	Horizontal	Pass
1**	1455.300	29.61	-17.10	54.0	24.39	AV	35.00	400	Horizontal	Pass
2	4203.250	47.85	-5.33	74.0	26.15	Peak	165.00	400	Horizontal	Pass
2**	4203.250	37.79	-5.33	54.0	16.21	AV	165.00	400	Horizontal	Pass
3	5756.500	101.90	-2.32	--	--	Peak	16.00	100	Horizontal	N/A
3**	5756.500	93.50	-2.32	--	--	AV	16.00	100	Horizontal	N/A
4	7693.750	53.65	1.02	74.0	20.35	Peak	360.00	200	Horizontal	Pass
4**	7693.750	43.37	1.02	54.0	10.63	AV	360.00	200	Horizontal	Pass
5	12435.075	54.14	1.06	74.0	19.86	Peak	360.00	200	Horizontal	Pass
5**	12435.075	44.16	1.06	54.0	9.84	AV	360.00	200	Horizontal	Pass
6	15638.025	54.28	1.85	74.0	19.72	Peak	75.00	100	Horizontal	Pass
6**	15638.025	45.16	1.85	54.0	8.84	AV	75.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.200	38.16	-17.16	74.0	35.84	Peak	8.00	300	Vertical	Pass
1**	1585.200	28.94	-17.16	54.0	25.06	AV	8.00	300	Vertical	Pass
2	4263.250	46.98	-4.60	74.0	27.02	Peak	192.00	300	Vertical	Pass
2**	4263.250	37.70	-4.60	54.0	16.30	AV	192.00	300	Vertical	Pass
3	5768.500	97.19	-2.26	--	--	Peak	192.00	150	Vertical	N/A
3**	5768.500	89.14	-2.26	--	--	AV	192.00	150	Vertical	N/A
4	7697.500	54.70	0.99	74.0	19.30	Peak	337.00	400	Vertical	Pass
4**	7697.500	43.81	0.99	54.0	10.19	AV	337.00	400	Vertical	Pass
5	12227.974	53.27	0.80	74.0	20.73	Peak	300.00	150	Vertical	Pass
5**	12227.974	44.16	0.80	54.0	9.84	AV	300.00	150	Vertical	Pass
6	15888.713	55.49	1.94	74.0	18.51	Peak	301.00	200	Vertical	Pass
6**	15888.713	45.41	1.94	54.0	8.59	AV	301.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.400	38.36	-17.18	74.0	35.64	Peak	216.00	300	Horizontal	Pass
1**	1502.400	28.53	-17.18	54.0	25.47	AV	216.00	300	Horizontal	Pass
2	4259.750	46.77	-4.42	74.0	27.23	Peak	255.00	200	Horizontal	Pass
2**	4259.750	37.97	-4.42	54.0	16.03	AV	255.00	200	Horizontal	Pass
3	5792.250	102.92	-2.24	--	--	Peak	360.00	100	Horizontal	N/A
3**	5792.250	95.16	-2.24	--	--	AV	360.00	100	Horizontal	N/A
4	7356.000	53.43	0.49	74.0	20.57	Peak	230.00	200	Horizontal	Pass
4**	7356.000	44.58	0.49	54.0	9.42	AV	230.00	200	Horizontal	Pass
5	12336.513	53.39	0.77	74.0	20.61	Peak	22.00	200	Horizontal	Pass
5**	12336.513	43.72	0.77	54.0	10.28	AV	22.00	200	Horizontal	Pass
6	15680.812	54.65	1.81	74.0	19.35	Peak	126.00	300	Horizontal	Pass
6**	15680.812	44.90	1.81	54.0	9.10	AV	126.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	38.27	-16.86	74.0	35.73	Peak	217.00	200	Vertical	Pass
1**	1496.600	28.68	-16.86	54.0	25.32	AV	217.00	200	Vertical	Pass
2	4387.250	47.07	-5.22	74.0	26.93	Peak	48.00	200	Vertical	Pass
2**	4387.250	37.94	-5.22	54.0	16.06	AV	48.00	200	Vertical	Pass
3	5804.250	96.27	-2.30	--	--	Peak	181.00	150	Vertical	N/A
3**	5804.250	87.76	-2.30	--	--	AV	181.00	150	Vertical	N/A
4	7709.500	53.54	1.88	74.0	20.46	Peak	21.00	300	Vertical	Pass
4**	7709.500	44.42	1.88	54.0	9.58	AV	21.00	300	Vertical	Pass
5	12252.438	53.73	1.08	74.0	20.27	Peak	205.00	200	Vertical	Pass
5**	12252.438	45.10	1.08	54.0	8.90	AV	205.00	200	Vertical	Pass
6	16183.500	54.74	1.92	74.0	19.26	Peak	145.00	100	Vertical	Pass
6**	16183.500	45.90	1.92	54.0	8.10	AV	145.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.400	38.70	-17.21	74.0	35.30	Peak	127.00	100	Horizontal	Pass
1**	1535.400	28.43	-17.21	54.0	25.57	AV	127.00	100	Horizontal	Pass
2	4366.500	47.04	-4.91	74.0	26.96	Peak	360.00	200	Horizontal	Pass
2**	4366.500	37.94	-4.91	54.0	16.06	AV	360.00	200	Horizontal	Pass
3	5758.250	97.63	-2.04	--	--	Peak	360.00	200	Horizontal	N/A
3**	5758.250	89.44	-2.04	--	--	AV	360.00	200	Horizontal	N/A
4	7704.750	54.32	2.00	74.0	19.68	Peak	360.00	400	Horizontal	Pass
4**	7704.750	44.88	2.00	54.0	9.12	AV	360.00	400	Horizontal	Pass
5	12432.700	53.45	1.06	74.0	20.55	Peak	276.00	100	Horizontal	Pass
5**	12432.700	43.90	1.06	54.0	10.10	AV	276.00	100	Horizontal	Pass
6	16093.987	55.14	1.67	74.0	18.86	Peak	163.00	200	Horizontal	Pass
6**	16093.987	45.03	1.67	54.0	8.97	AV	163.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.900	38.09	-16.78	74.0	35.91	Peak	152.00	300	Vertical	Pass
1**	1574.900	28.54	-16.78	54.0	25.46	AV	152.00	300	Vertical	Pass
2	4261.500	46.97	-4.57	74.0	27.03	Peak	326.00	400	Vertical	Pass
2**	4261.500	37.94	-4.57	54.0	16.06	AV	326.00	400	Vertical	Pass
3	5743.000	91.78	-2.06	--	--	Peak	182.00	150	Vertical	N/A
3**	5743.000	83.83	-2.06	--	--	AV	182.00	150	Vertical	N/A
4	7407.750	53.95	0.54	74.0	20.05	Peak	360.00	300	Vertical	Pass
4**	7407.750	44.06	0.54	54.0	9.94	AV	360.00	300	Vertical	Pass
5	12280.937	53.51	0.76	74.0	20.49	Peak	120.00	150	Vertical	Pass
5**	12280.937	43.95	0.76	54.0	10.05	AV	120.00	150	Vertical	Pass
6	16180.350	53.96	1.95	74.0	20.04	Peak	56.00	200	Vertical	Pass
6**	16180.350	45.05	1.95	54.0	8.95	AV	56.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	38.31	-16.74	74.0	35.69	Peak	234.00	200	Horizontal	Pass
1**	1581.900	29.10	-16.74	54.0	24.90	AV	234.00	200	Horizontal	Pass
2	4382.500	47.76	-5.40	74.0	26.24	Peak	306.00	200	Horizontal	Pass
2**	4382.500	38.81	-5.40	54.0	15.19	AV	306.00	200	Horizontal	Pass
3	5749.500	105.57	-2.29	--	--	Peak	0.00	150	Horizontal	N/A
3**	5749.500	97.89	-2.29	--	--	AV	0.00	150	Horizontal	N/A
4	7704.750	53.78	2.00	74.0	20.22	Peak	0.00	100	Horizontal	Pass
4**	7704.750	44.85	2.00	54.0	9.15	AV	0.00	100	Horizontal	Pass
5	12512.975	53.84	1.36	74.0	20.16	Peak	351.00	100	Horizontal	Pass
5**	12512.975	44.00	1.36	54.0	10.00	AV	351.00	100	Horizontal	Pass
6	15402.299	54.18	2.92	74.0	19.82	Peak	104.00	300	Horizontal	Pass
6**	15402.299	45.28	2.92	54.0	8.72	AV	104.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.200	40.06	-17.10	74.0	33.94	Peak	268.00	400	Vertical	Pass
1**	1495.200	30.58	-17.10	54.0	23.42	AV	268.00	400	Vertical	Pass
2	4184.500	48.73	-5.25	74.0	25.27	Peak	43.00	100	Vertical	Pass
2**	4184.500	37.88	-5.25	54.0	16.12	AV	43.00	100	Vertical	Pass
3	5749.000	101.00	-2.40	--	--	Peak	189.00	150	Vertical	N/A
3**	5749.000	93.50	-2.40	--	--	AV	189.00	150	Vertical	N/A
4	7491.500	53.96	1.18	74.0	20.04	Peak	118.00	300	Vertical	Pass
4**	7491.500	43.67	1.18	54.0	10.33	AV	118.00	300	Vertical	Pass
5	12485.900	53.30	1.33	74.0	20.70	Peak	360.00	200	Vertical	Pass
5**	12485.900	44.22	1.33	54.0	9.78	AV	360.00	200	Vertical	Pass
6	16186.651	54.40	1.90	74.0	19.60	Peak	360.00	100	Vertical	Pass
6**	16186.651	45.38	1.90	54.0	8.62	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.400	38.08	-16.96	74.0	35.92	Peak	360.00	200	Horizontal	Pass
1**	1611.400	29.35	-16.96	54.0	24.65	AV	360.00	200	Horizontal	Pass
2	4245.250	47.13	-4.33	74.0	26.87	Peak	299.00	400	Horizontal	Pass
2**	4245.250	38.41	-4.33	54.0	15.59	AV	299.00	400	Horizontal	Pass
3	5787.250	104.46	-2.42	--	--	Peak	360.00	100	Horizontal	N/A
3**	5787.250	96.95	-2.42	--	--	AV	360.00	100	Horizontal	N/A
4	7352.750	53.72	0.30	74.0	20.28	Peak	34.00	100	Horizontal	Pass
4**	7352.750	44.15	0.30	54.0	9.85	AV	34.00	100	Horizontal	Pass
5	12387.575	53.49	1.04	74.0	20.51	Peak	111.00	200	Horizontal	Pass
5**	12387.575	43.33	1.04	54.0	10.67	AV	111.00	200	Horizontal	Pass
6	15625.950	54.24	1.55	74.0	19.76	Peak	63.00	100	Horizontal	Pass
6**	15625.950	44.04	1.55	54.0	9.96	AV	63.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.900	39.00	-17.15	74.0	35.00	Peak	121.00	400	Vertical	Pass
1**	1493.900	28.32	-17.15	54.0	25.68	AV	121.00	400	Vertical	Pass
2	4251.000	47.05	-4.04	74.0	26.95	Peak	192.00	200	Vertical	Pass
2**	4251.000	38.20	-4.04	54.0	15.80	AV	192.00	200	Vertical	Pass
3	5787.500	99.84	-2.46	--	--	Peak	192.00	150	Vertical	N/A
3**	5787.500	92.23	-2.46	--	--	AV	192.00	150	Vertical	N/A
4	7420.500	54.09	1.22	74.0	19.91	Peak	312.00	300	Vertical	Pass
4**	7420.500	44.92	1.22	54.0	9.08	AV	312.00	300	Vertical	Pass
5	12277.850	53.58	0.80	74.0	20.42	Peak	47.00	150	Vertical	Pass
5**	12277.850	43.47	0.80	54.0	10.53	AV	47.00	150	Vertical	Pass
6	16166.438	54.10	2.04	74.0	19.90	Peak	289.00	100	Vertical	Pass
6**	16166.438	45.36	2.04	54.0	8.64	AV	289.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.300	37.78	-16.82	74.0	36.22	Peak	207.00	400	Horizontal	Pass
1**	1604.300	29.14	-16.82	54.0	24.86	AV	207.00	400	Horizontal	Pass
2	4240.250	47.25	-5.06	74.0	26.75	Peak	360.00	200	Horizontal	Pass
2**	4240.250	37.31	-5.06	54.0	16.69	AV	360.00	200	Horizontal	Pass
3	5819.000	105.85	-2.38	--	--	Peak	358.00	200	Horizontal	N/A
3**	5819.000	97.68	-2.38	--	--	AV	358.00	200	Horizontal	N/A
4	7714.750	53.82	1.62	74.0	20.18	Peak	302.00	400	Horizontal	Pass
4**	7714.750	44.54	1.62	54.0	9.46	AV	302.00	400	Horizontal	Pass
5	12481.625	53.38	1.29	74.0	20.62	Peak	146.00	200	Horizontal	Pass
5**	12481.625	43.97	1.29	54.0	10.03	AV	146.00	200	Horizontal	Pass
6	16170.900	54.43	2.01	74.0	19.57	Peak	31.00	400	Horizontal	Pass
6**	16170.900	45.90	2.01	54.0	8.10	AV	31.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.100	38.58	-16.69	74.0	35.42	Peak	167.00	200	Vertical	Pass
1**	1441.100	28.89	-16.69	54.0	25.11	AV	167.00	200	Vertical	Pass
2	4388.000	46.87	-5.00	74.0	27.13	Peak	235.00	200	Vertical	Pass
2**	4388.000	38.20	-5.00	54.0	15.80	AV	235.00	200	Vertical	Pass
3	5819.500	100.00	-2.35	--	--	Peak	186.00	150	Vertical	N/A
3**	5819.500	92.69	-2.35	--	--	AV	186.00	150	Vertical	N/A
4	7311.250	53.54	0.55	74.0	20.46	Peak	67.00	200	Vertical	Pass
4**	7311.250	44.58	0.55	54.0	9.42	AV	67.00	200	Vertical	Pass
5	12271.438	53.55	0.87	74.0	20.45	Peak	104.00	200	Vertical	Pass
5**	12271.438	43.90	0.87	54.0	10.10	AV	104.00	200	Vertical	Pass
6	16187.437	54.57	1.90	74.0	19.43	Peak	327.00	400	Vertical	Pass
6**	16187.437	45.08	1.90	54.0	8.92	AV	327.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.900	38.49	-16.83	74.0	35.51	Peak	56.00	400	Horizontal	Pass
1**	1611.900	29.54	-16.83	54.0	24.46	AV	56.00	400	Horizontal	Pass
2	3997.250	46.93	-6.11	74.0	27.07	Peak	299.00	400	Horizontal	Pass
2**	3997.250	37.41	-6.11	54.0	16.59	AV	299.00	400	Horizontal	Pass
3	5768.750	102.57	-2.33	--	--	Peak	360.00	200	Horizontal	N/A
3**	5768.750	94.68	-2.33	--	--	AV	360.00	200	Horizontal	N/A
4	7422.250	53.48	1.22	74.0	20.52	Peak	129.00	200	Horizontal	Pass
4**	7422.250	44.68	1.22	54.0	9.32	AV	129.00	200	Horizontal	Pass
5	12418.688	53.48	1.08	74.0	20.52	Peak	12.00	100	Horizontal	Pass
5**	12418.688	44.77	1.08	54.0	9.23	AV	12.00	100	Horizontal	Pass
6	15851.437	54.46	1.66	74.0	19.54	Peak	72.00	400	Horizontal	Pass
6**	15851.437	44.56	1.66	54.0	9.44	AV	72.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.100	38.15	-16.85	74.0	35.85	Peak	208.00	300	Vertical	Pass
1**	1448.100	28.15	-16.85	54.0	25.85	AV	208.00	300	Vertical	Pass
2	4261.250	47.27	-4.60	74.0	26.73	Peak	360.00	200	Vertical	Pass
2**	4261.250	38.09	-4.60	54.0	15.91	AV	360.00	200	Vertical	Pass
3	5751.500	97.25	-2.10	--	--	Peak	196.00	200	Vertical	N/A
3**	5751.500	89.88	-2.10	--	--	AV	196.00	200	Vertical	N/A
4	7488.000	53.17	1.53	74.0	20.83	Peak	345.00	200	Vertical	Pass
4**	7488.000	43.40	1.53	54.0	10.60	AV	345.00	200	Vertical	Pass
5	12520.813	53.90	1.32	74.0	20.10	Peak	263.00	150	Vertical	Pass
5**	12520.813	43.72	1.32	54.0	10.28	AV	263.00	150	Vertical	Pass
6	15439.838	54.35	2.16	74.0	19.65	Peak	38.00	200	Vertical	Pass
6**	15439.838	44.56	2.16	54.0	9.44	AV	38.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.900	38.10	-16.65	74.0	35.90	Peak	161.00	200	Horizontal	Pass
1**	1604.900	29.14	-16.65	54.0	24.86	AV	161.00	200	Horizontal	Pass
2	4275.500	47.00	-5.14	74.0	27.00	Peak	360.00	400	Horizontal	Pass
2**	4275.500	37.23	-5.14	54.0	16.77	AV	360.00	400	Horizontal	Pass
3	5803.000	102.37	-2.15	--	--	Peak	22.00	150	Horizontal	N/A
3**	5803.000	94.24	-2.15	--	--	AV	22.00	150	Horizontal	N/A
4	7678.000	53.72	1.17	74.0	20.28	Peak	58.00	400	Horizontal	Pass
4**	7678.000	44.49	1.17	54.0	9.51	AV	58.00	400	Horizontal	Pass
5	12495.638	53.56	1.40	74.0	20.44	Peak	180.00	100	Horizontal	Pass
5**	12495.638	43.92	1.40	54.0	10.08	AV	180.00	100	Horizontal	Pass
6	16063.275	54.81	1.27	74.0	19.19	Peak	90.00	300	Horizontal	Pass
6**	16063.275	45.16	1.27	54.0	8.84	AV	90.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.500	38.17	-16.97	74.0	35.83	Peak	0.00	300	Vertical	Pass
1**	1623.500	29.39	-16.97	54.0	24.61	AV	0.00	300	Vertical	Pass
2	4261.000	47.40	-4.51	74.0	26.60	Peak	148.00	100	Vertical	Pass
2**	4261.000	37.95	-4.51	54.0	16.05	AV	148.00	100	Vertical	Pass
3	5793.250	96.37	-2.18	--	--	Peak	199.00	200	Vertical	N/A
3**	5793.250	88.98	-2.18	--	--	AV	199.00	200	Vertical	N/A
4	7419.500	53.97	1.23	74.0	20.03	Peak	250.00	100	Vertical	Pass
4**	7419.500	44.51	1.23	54.0	9.49	AV	250.00	100	Vertical	Pass
5	12494.687	53.25	1.40	74.0	20.75	Peak	133.00	150	Vertical	Pass
5**	12494.687	44.52	1.40	54.0	9.48	AV	133.00	150	Vertical	Pass
6	16098.713	54.45	1.73	74.0	19.55	Peak	243.00	300	Vertical	Pass
6**	16098.713	45.25	1.73	54.0	8.75	AV	243.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.200	38.03	-17.24	74.0	35.97	Peak	59.00	200	Horizontal	Pass
1**	1454.200	29.10	-17.24	54.0	24.90	AV	59.00	200	Horizontal	Pass
2	4379.500	46.71	-5.27	74.0	27.29	Peak	360.00	400	Horizontal	Pass
2**	4379.500	38.52	-5.27	54.0	15.48	AV	360.00	400	Horizontal	Pass
3	5793.000	97.16	-2.18	--	--	Peak	360.00	150	Horizontal	N/A
3**	5793.000	89.13	-2.18	--	--	AV	360.00	150	Horizontal	N/A
4	7713.000	53.25	1.75	74.0	20.75	Peak	0.00	300	Horizontal	Pass
4**	7713.000	44.52	1.75	54.0	9.48	AV	0.00	300	Horizontal	Pass
5	12528.888	54.06	1.27	74.0	19.94	Peak	207.00	100	Horizontal	Pass
5**	12528.888	43.33	1.27	54.0	10.67	AV	207.00	100	Horizontal	Pass
6	16188.225	54.38	1.89	74.0	19.62	Peak	111.00	400	Horizontal	Pass
6**	16188.225	45.40	1.89	54.0	8.60	AV	111.00	400	Horizontal	Pass

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

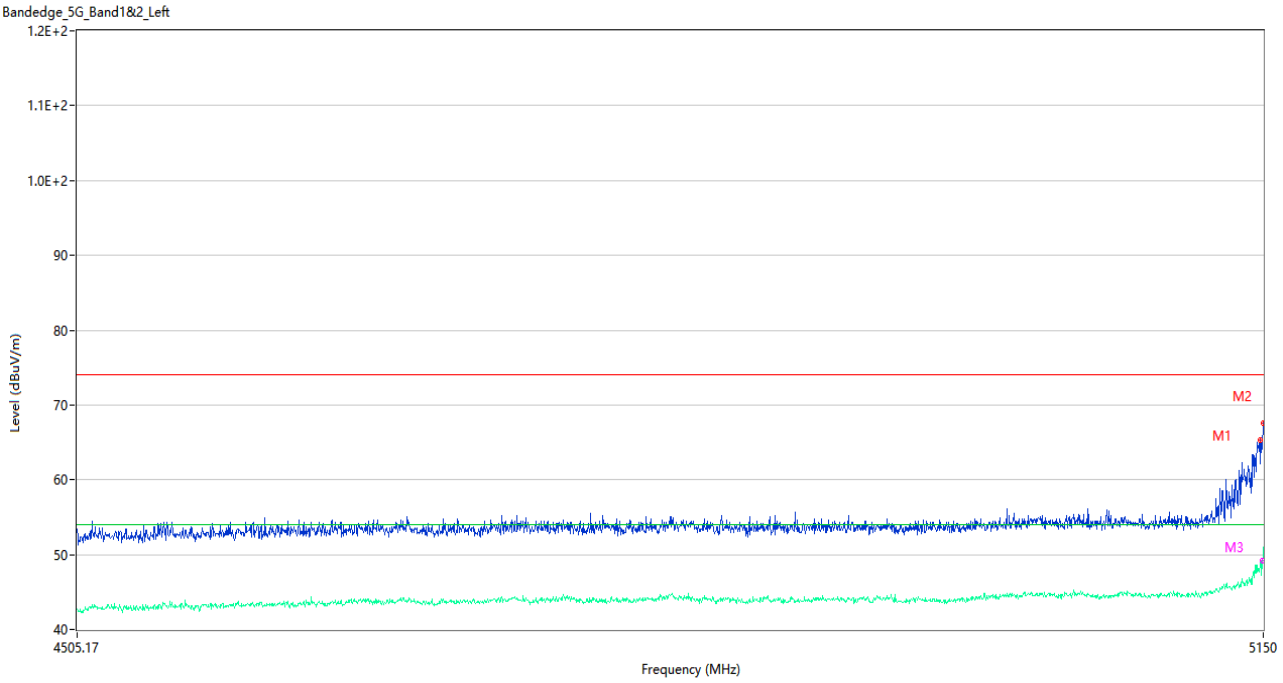
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.400	38.20	-16.98	74.0	35.80	Peak	15.00	300	Vertical	Pass
1**	1618.400	29.86	-16.98	54.0	24.14	AV	15.00	300	Vertical	Pass
2	4262.250	46.87	-4.43	74.0	27.13	Peak	68.00	100	Vertical	Pass
2**	4262.250	38.21	-4.43	54.0	15.79	AV	68.00	100	Vertical	Pass
3	5745.000	91.60	-1.99	--	--	Peak	192.00	150	Vertical	N/A
3**	5745.000	84.50	-1.99	--	--	AV	192.00	150	Vertical	N/A
4	7690.000	54.00	1.28	74.0	20.00	Peak	19.00	300	Vertical	Pass
4**	7690.000	44.29	1.28	54.0	9.71	AV	19.00	300	Vertical	Pass
5	12362.162	53.69	0.91	74.0	20.31	Peak	348.00	150	Vertical	Pass
5**	12362.162	44.30	0.91	54.0	9.70	AV	348.00	150	Vertical	Pass
6	16194.263	55.59	1.85	74.0	18.41	Peak	133.00	300	Vertical	Pass
6**	16194.263	45.60	1.85	54.0	8.40	AV	133.00	300	Vertical	Pass

5.5.4.2. 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
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	802.11ax(HE80)(SU)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	802.11ax(HE80)(SU)	Middle	Pass

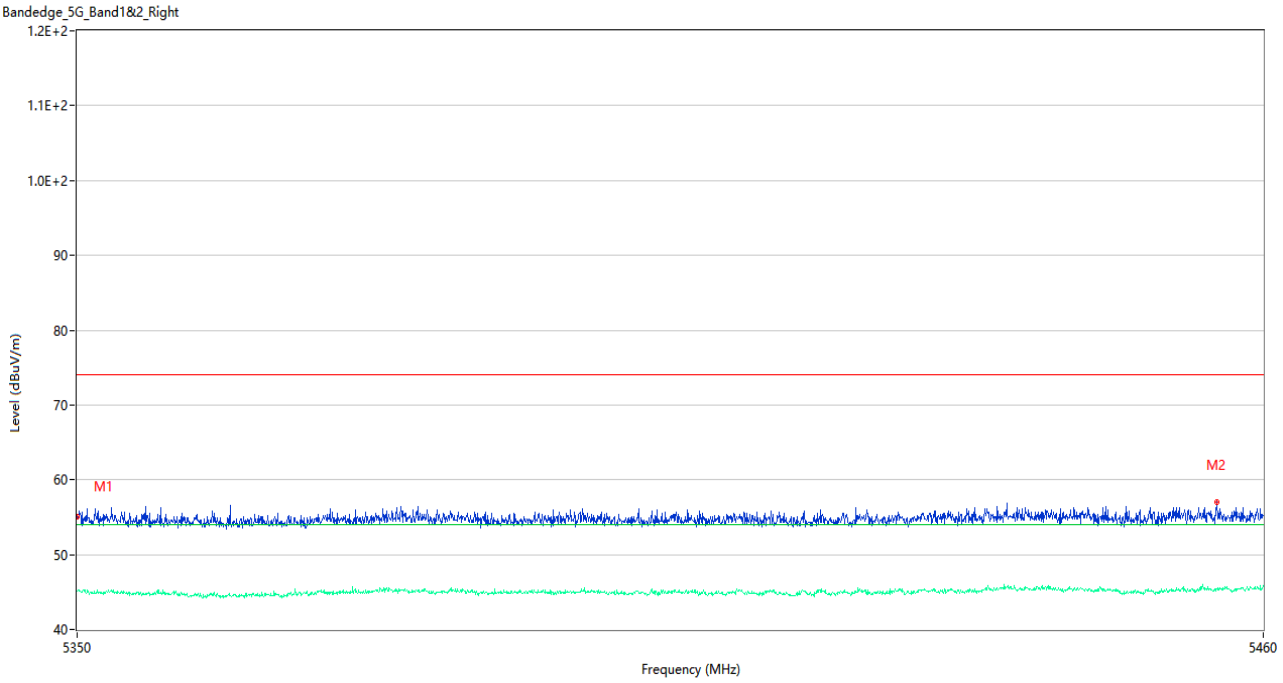
Test Data and Plots

U-NII-1 11a Low Channel



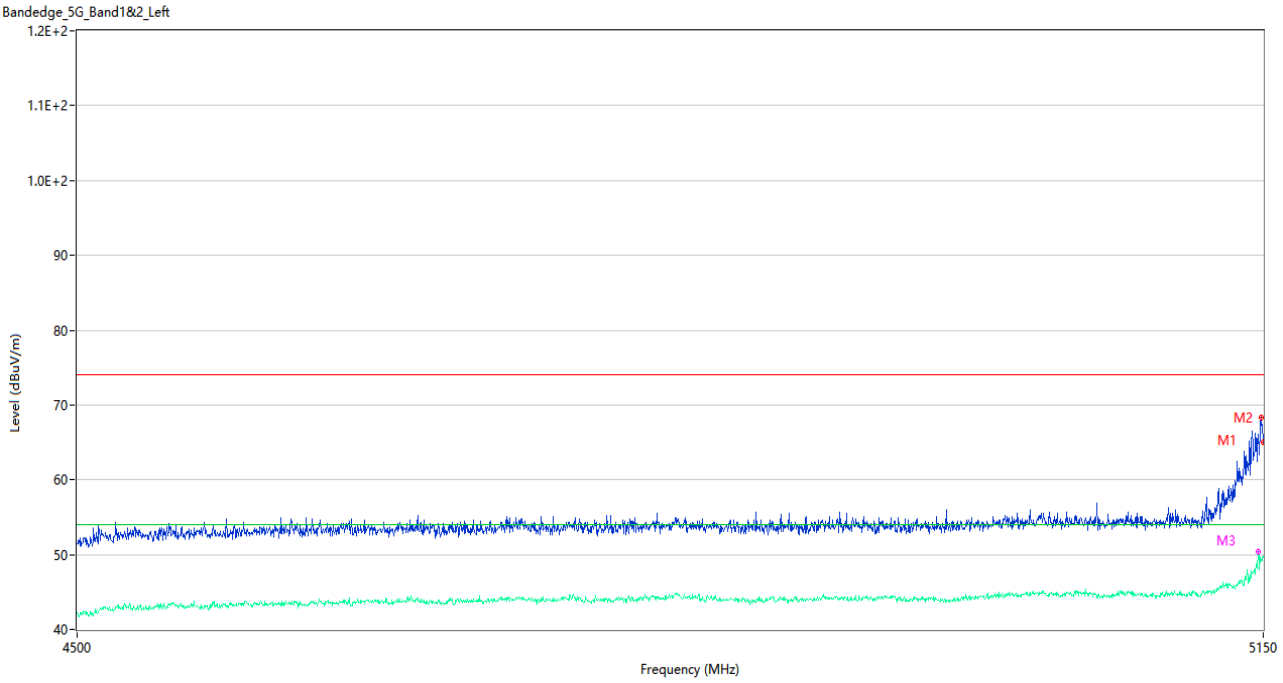
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	65.35	2.77	74.0	8.65	Peak	54.00	150	Horizontal	Pass
1**	5148.050	48.34	2.77	54.0	5.66	AV	54.00	150	Horizontal	Pass
2	5150.000	67.60	2.86	74.0	6.40	Peak	347.00	150	Horizontal	Pass
2**	5150.000	50.83	2.86	54.0	3.17	AV	347.00	150	Horizontal	Pass
3	5149.350	64.16	2.85	74.0	9.84	Peak	342.00	150	Horizontal	Pass
3**	5149.350	49.15	2.85	54.0	4.85	AV	342.00	150	Horizontal	Pass

U-NII-1 11a High Channel



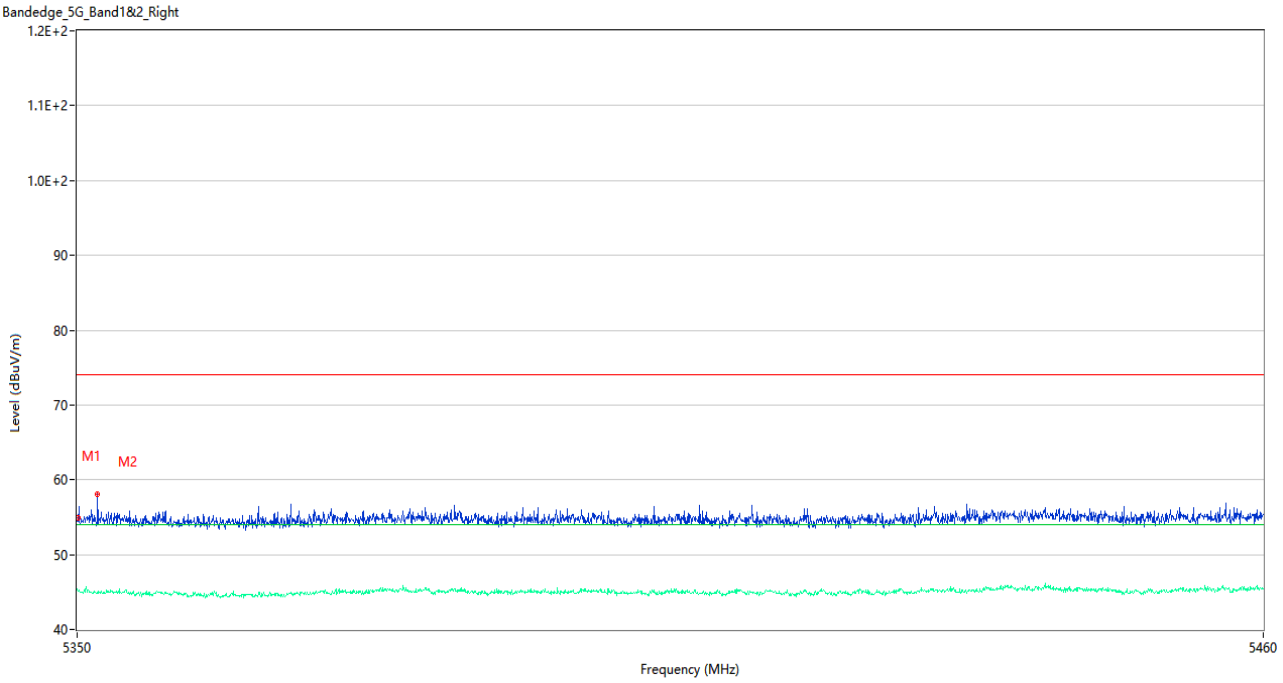
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.03	3.32	74.0	18.97	Peak	217.00	200	Horizontal	Pass
1**	5350.000	45.14	3.32	54.0	8.86	AV	217.00	200	Horizontal	Pass
2	5455.655	56.98	3.40	74.0	17.02	Peak	306.00	100	Horizontal	Pass
2**	5455.655	45.36	3.40	54.0	8.64	AV	306.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



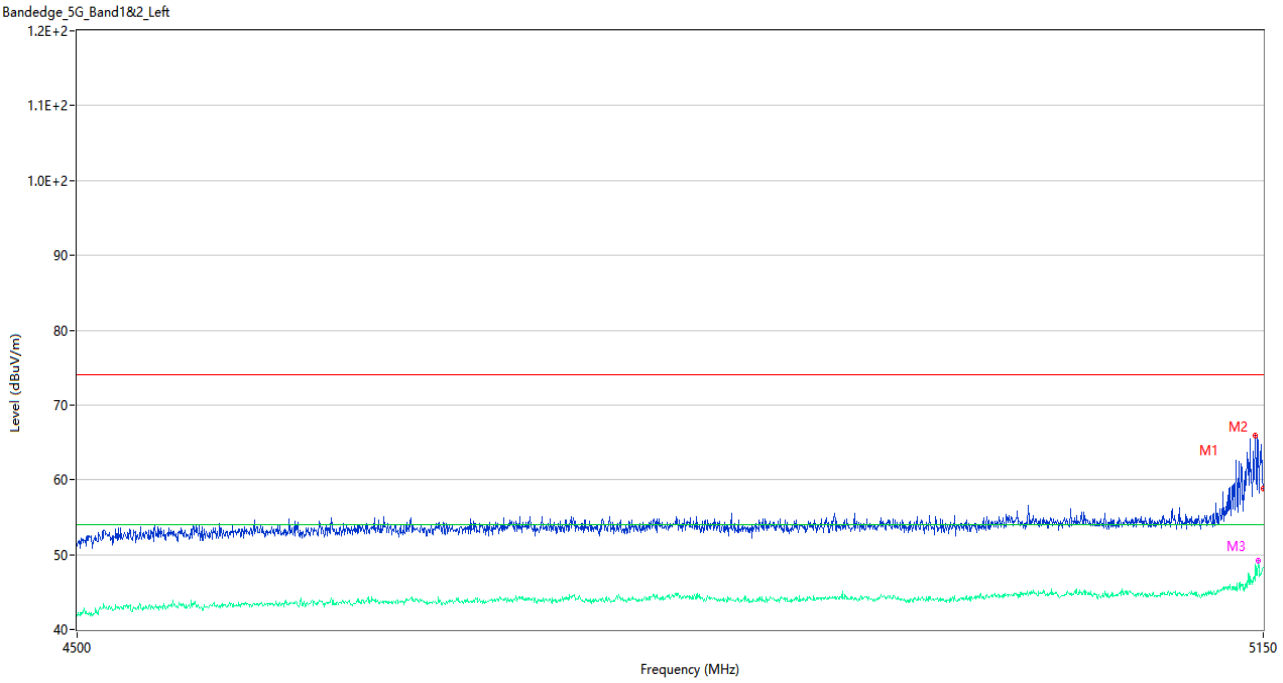
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	68.33	2.84	74.0	5.67	Peak	38.00	200	Horizontal	Pass
1**	5148.700	49.36	2.84	54.0	4.64	AV	38.00	200	Horizontal	Pass
2	5150.000	65.00	2.86	74.0	9.00	Peak	359.00	150	Horizontal	Pass
2**	5150.000	49.84	2.86	54.0	4.16	AV	359.00	150	Horizontal	Pass
3	5147.075	66.04	3.00	74.0	7.96	Peak	20.00	150	Horizontal	Pass
3**	5147.075	50.42	3.00	54.0	3.58	AV	20.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



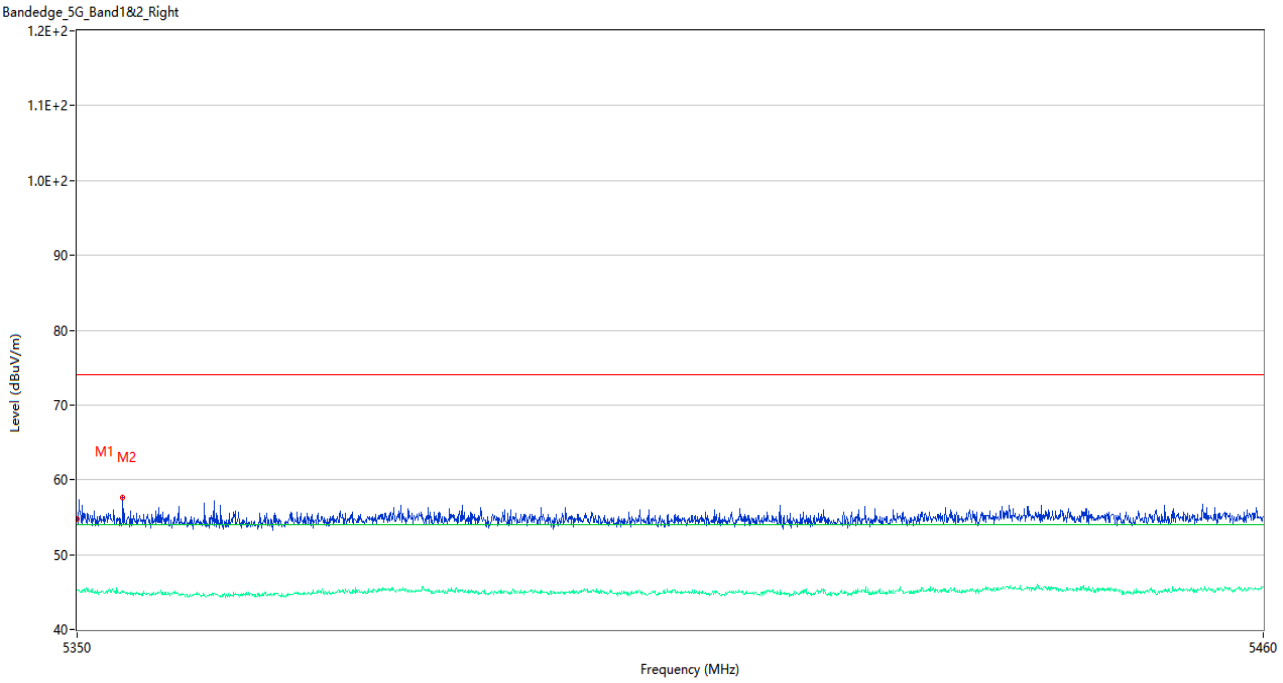
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.88	3.30	74.0	19.12	Peak	159.00	200	Horizontal	Pass
1**	5350.055	45.20	3.30	54.0	8.80	AV	159.00	200	Horizontal	Pass
2	5351.870	58.01	3.07	74.0	15.99	Peak	17.00	150	Horizontal	Pass
2**	5351.870	44.91	3.07	54.0	9.09	AV	17.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



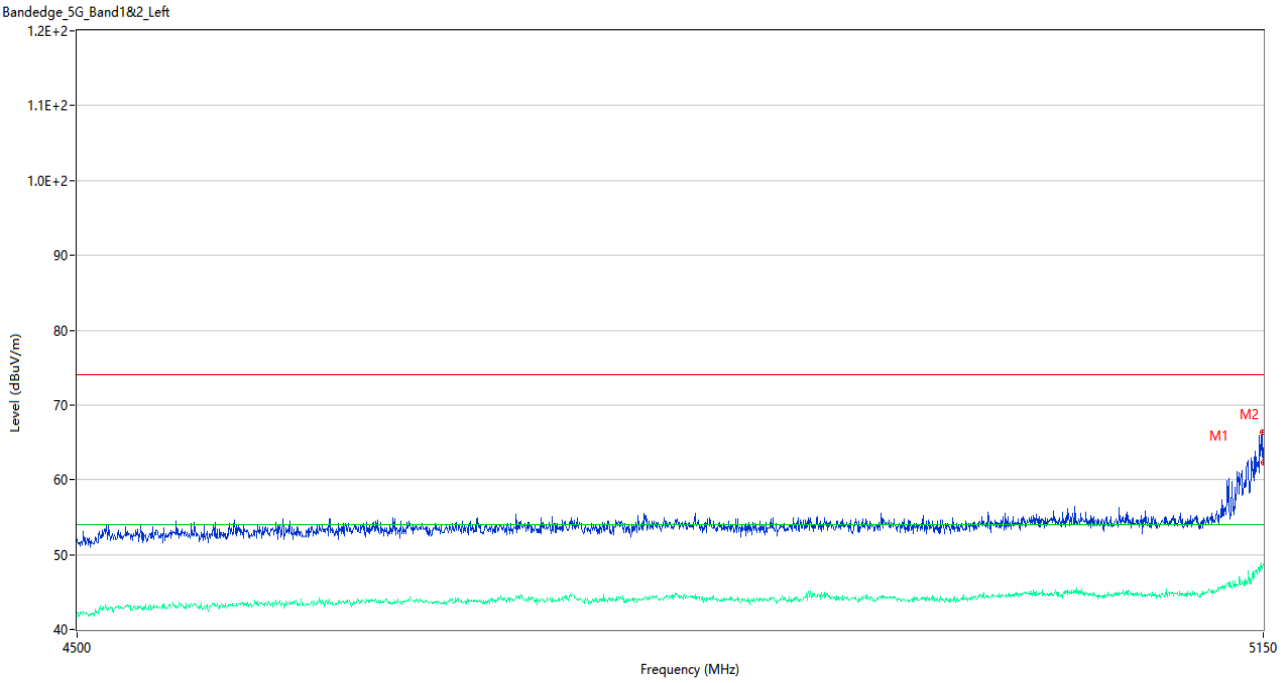
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	65.89	3.01	74.0	8.11	Peak	334.00	200	Horizontal	Pass
1**	5145.450	48.70	3.01	54.0	5.30	AV	334.00	200	Horizontal	Pass
2	5150.000	58.81	2.86	74.0	15.19	Peak	346.00	100	Horizontal	Pass
2**	5150.000	48.28	2.86	54.0	5.72	AV	346.00	100	Horizontal	Pass
3	5147.075	65.24	3.00	74.0	8.76	Peak	339.00	150	Horizontal	Pass
3**	5147.075	49.23	3.00	54.0	4.77	AV	339.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



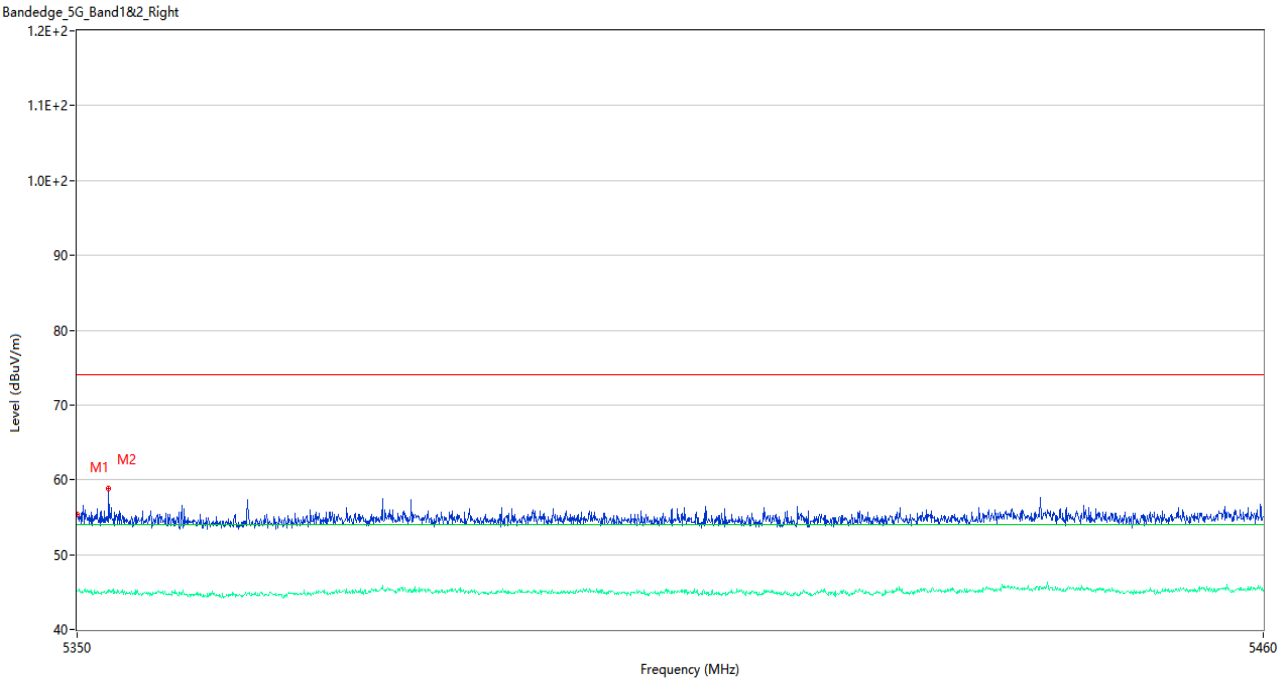
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.80	3.32	74.0	19.20	Peak	93.00	150	Horizontal	Pass
1**	5350.000	45.29	3.32	54.0	8.71	AV	93.00	150	Horizontal	Pass
2	5354.180	57.66	3.11	74.0	16.34	Peak	341.00	200	Horizontal	Pass
2**	5354.180	45.15	3.11	54.0	8.85	AV	341.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



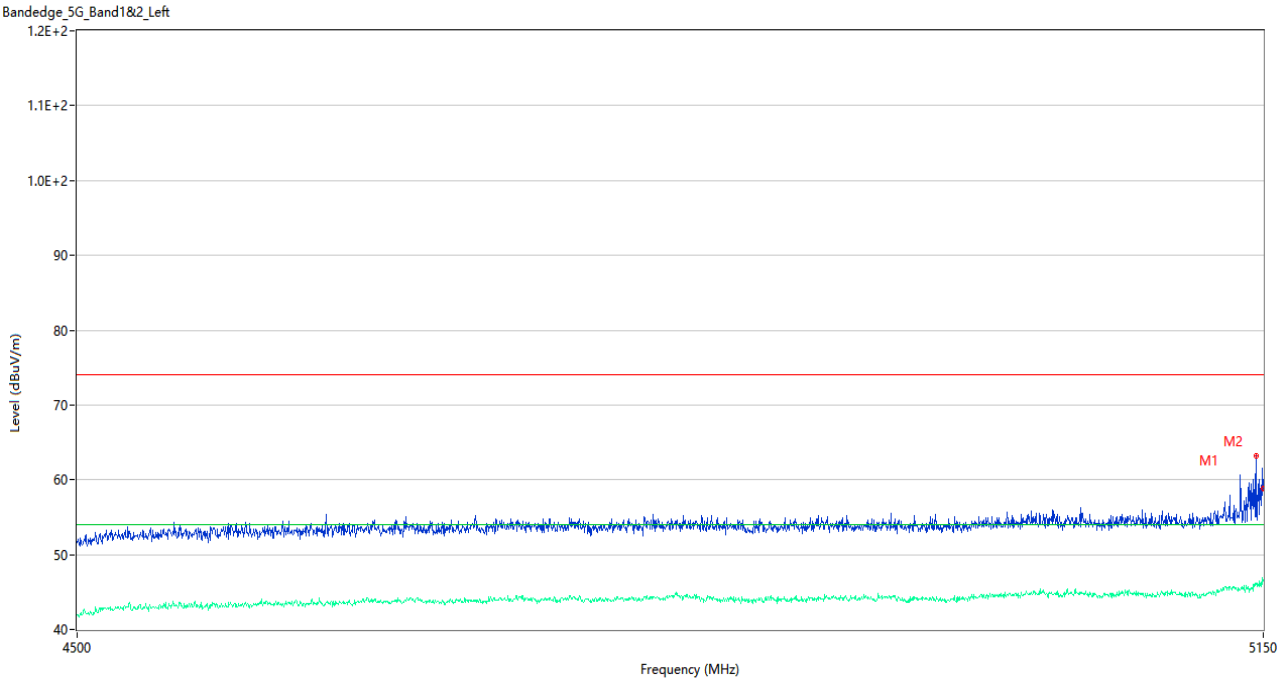
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.42	2.85	74.0	7.58	Peak	334.00	100	Horizontal	Pass
1**	5149.675	48.19	2.85	54.0	5.81	AV	334.00	100	Horizontal	Pass
2	5150.000	62.36	2.86	74.0	11.64	Peak	360.00	150	Horizontal	Pass
2**	5150.000	48.67	2.86	54.0	5.33	AV	360.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



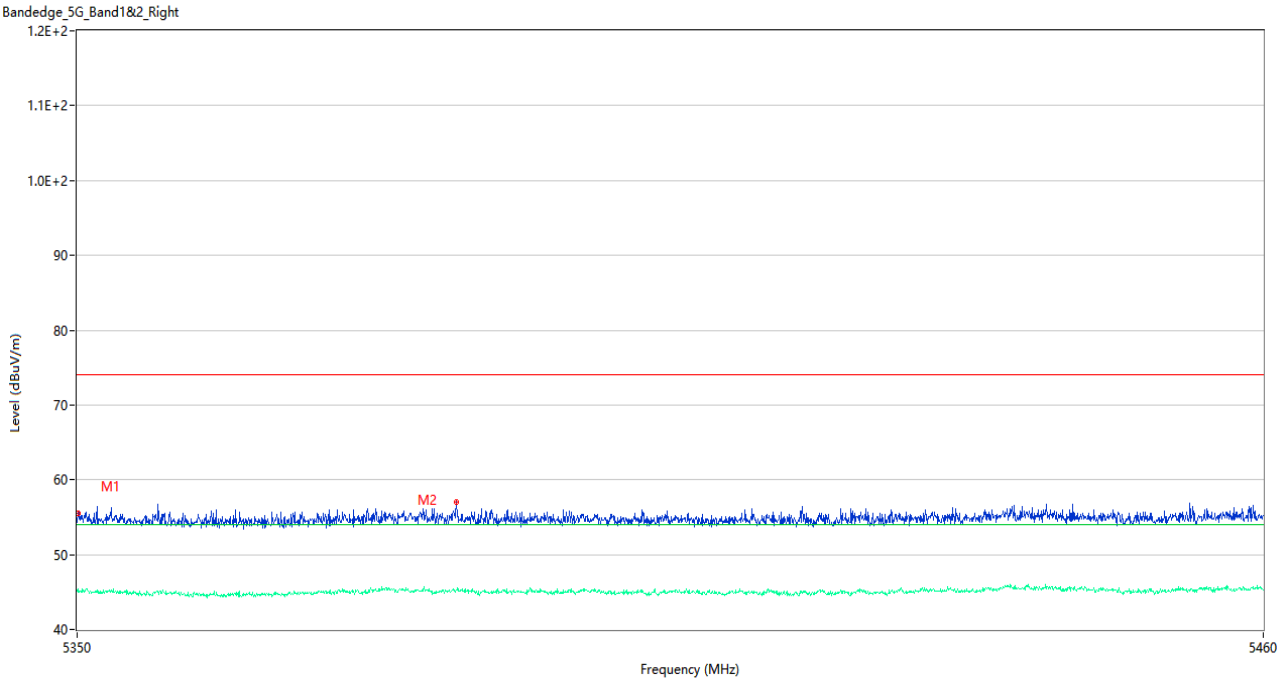
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.34	3.32	74.0	18.66	Peak	336.00	100	Horizontal	Pass
1**	5350.000	45.13	3.32	54.0	8.87	AV	336.00	100	Horizontal	Pass
2	5352.915	58.86	3.22	74.0	15.14	Peak	344.00	100	Horizontal	Pass
2**	5352.915	45.25	3.22	54.0	8.75	AV	344.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



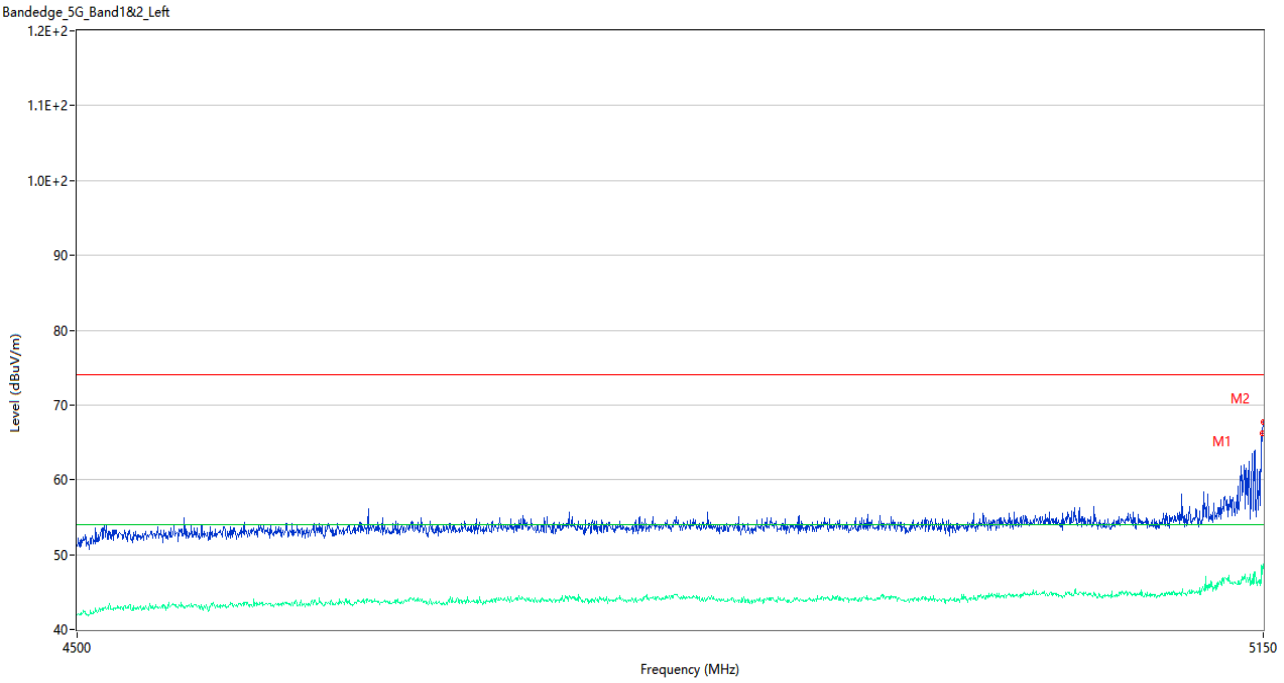
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	63.13	2.95	74.0	10.87	Peak	0.00	150	Horizontal	Pass
1**	5145.775	45.96	2.95	54.0	8.04	AV	0.00	150	Horizontal	Pass
2	5150.000	58.77	2.86	74.0	15.23	Peak	323.00	200	Horizontal	Pass
2**	5150.000	46.44	2.86	54.0	7.56	AV	323.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



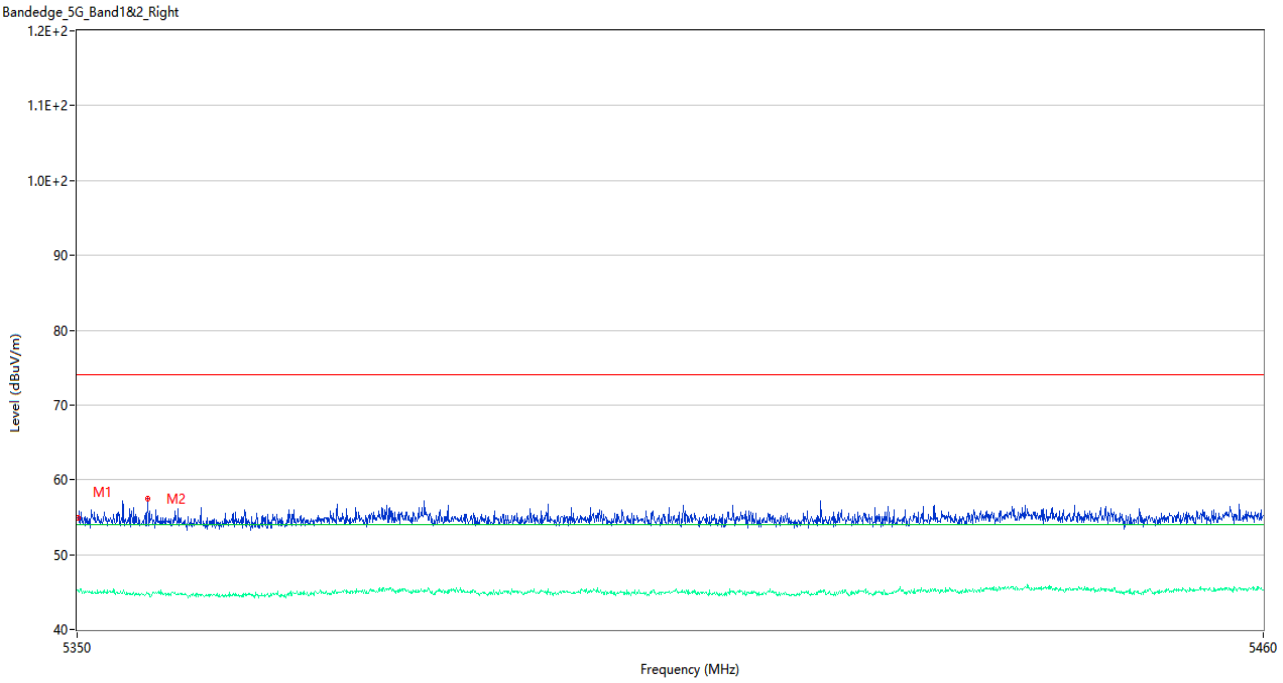
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.54	3.30	74.0	18.46	Peak	334.00	100	Horizontal	Pass
1**	5350.055	45.04	3.30	54.0	8.96	AV	334.00	100	Horizontal	Pass
2	5384.925	57.00	3.09	74.0	17.00	Peak	157.00	100	Horizontal	Pass
2**	5384.925	45.25	3.09	54.0	8.75	AV	157.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



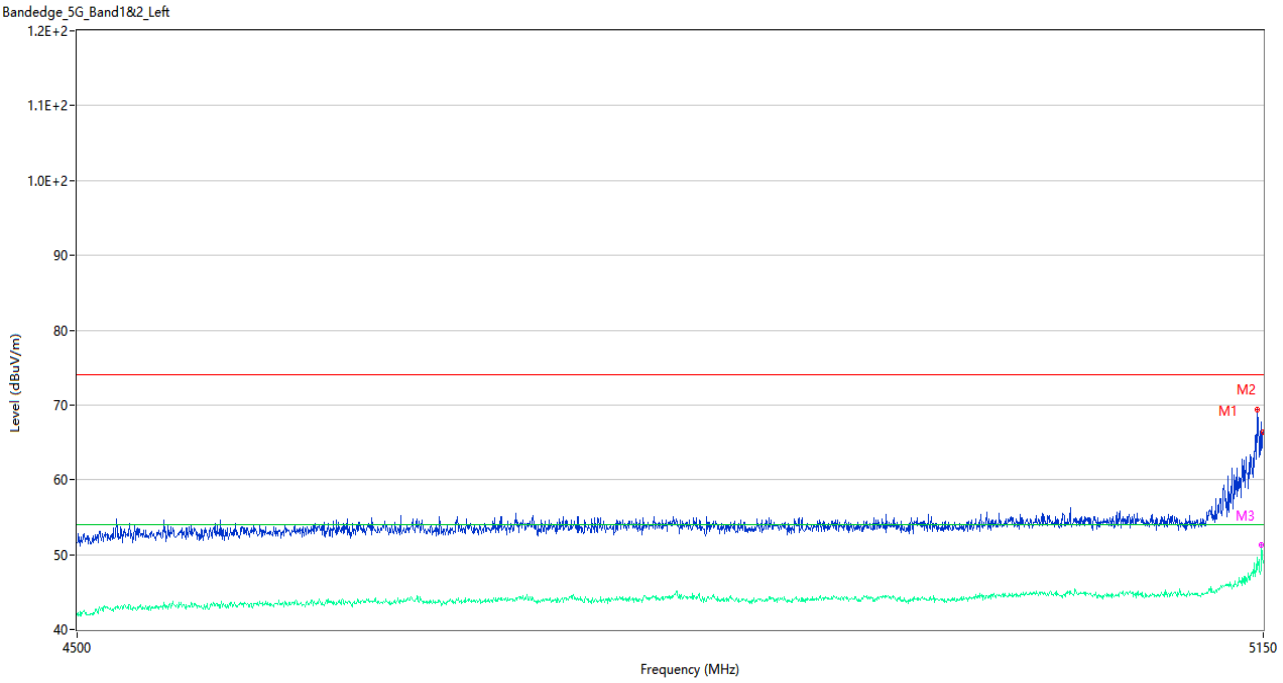
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.18	2.85	74.0	7.82	Peak	360.00	100	Horizontal	Pass
1**	5149.675	47.40	2.85	54.0	6.60	AV	360.00	100	Horizontal	Pass
2	5150.000	67.65	2.86	74.0	6.35	Peak	339.00	150	Horizontal	Pass
2**	5150.000	48.79	2.86	54.0	5.21	AV	339.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



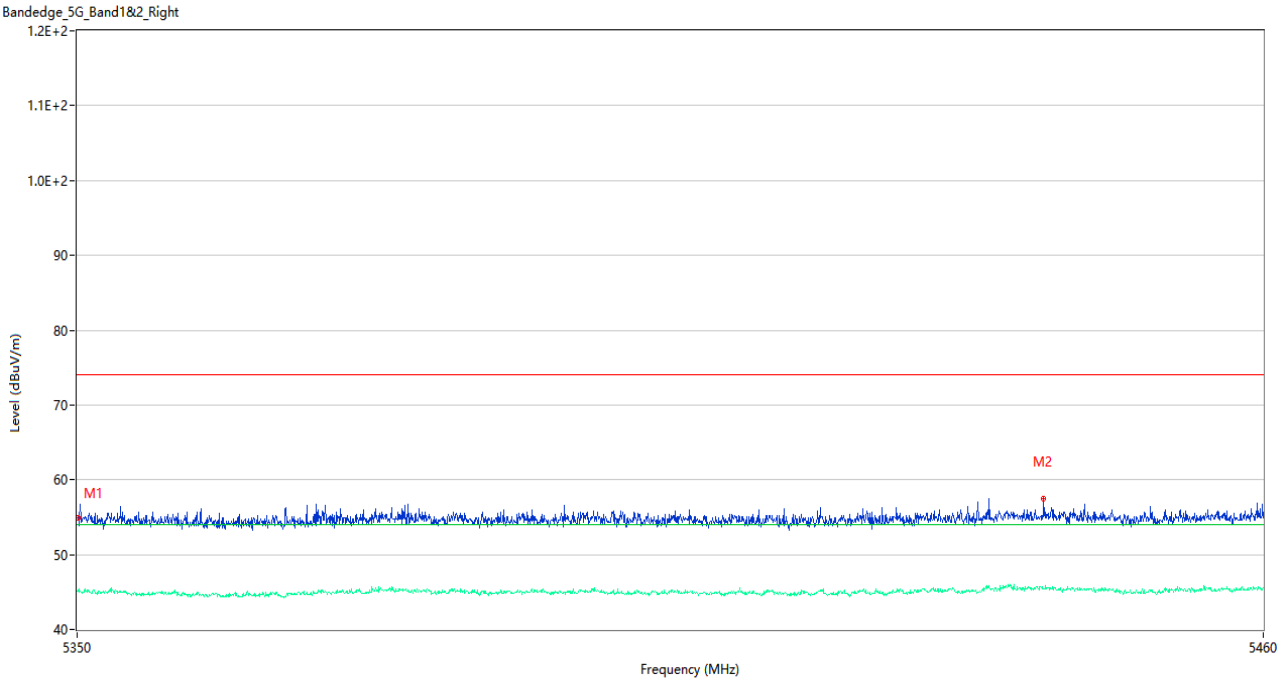
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.95	3.30	74.0	19.05	Peak	110.00	200	Horizontal	Pass
1**	5350.055	45.23	3.30	54.0	8.77	AV	110.00	200	Horizontal	Pass
2	5356.490	57.52	2.91	74.0	16.48	Peak	343.00	200	Horizontal	Pass
2**	5356.490	44.88	2.91	54.0	9.12	AV	343.00	200	Horizontal	Pass

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



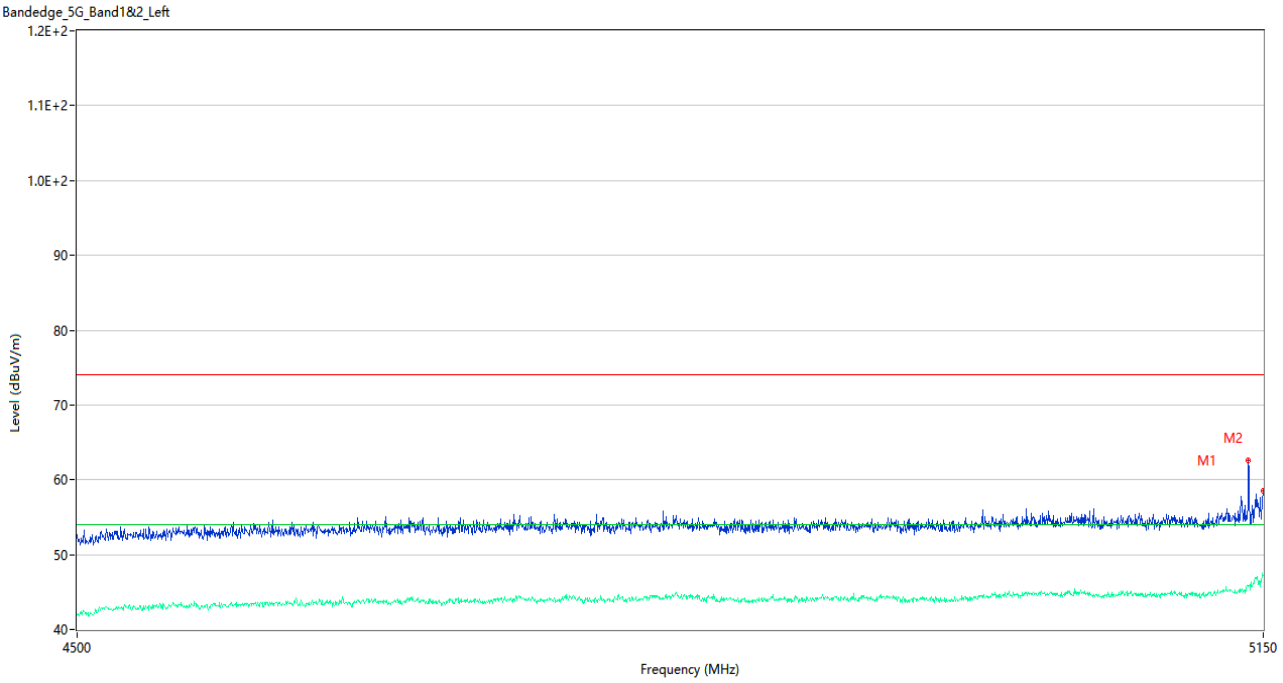
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	69.38	2.96	74.0	4.62	Peak	360.00	100	Horizontal	Pass
1**	5146.425	47.97	2.96	54.0	6.03	AV	360.00	100	Horizontal	Pass
2	5150.000	66.30	2.86	74.0	7.70	Peak	51.00	100	Horizontal	Pass
2**	5150.000	48.82	2.86	54.0	5.18	AV	51.00	100	Horizontal	Pass
3	5149.025	64.01	2.87	74.0	9.99	Peak	328.00	150	Horizontal	Pass
3**	5149.025	50.95	2.87	54.0	3.05	AV	328.00	150	Horizontal	Pass

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



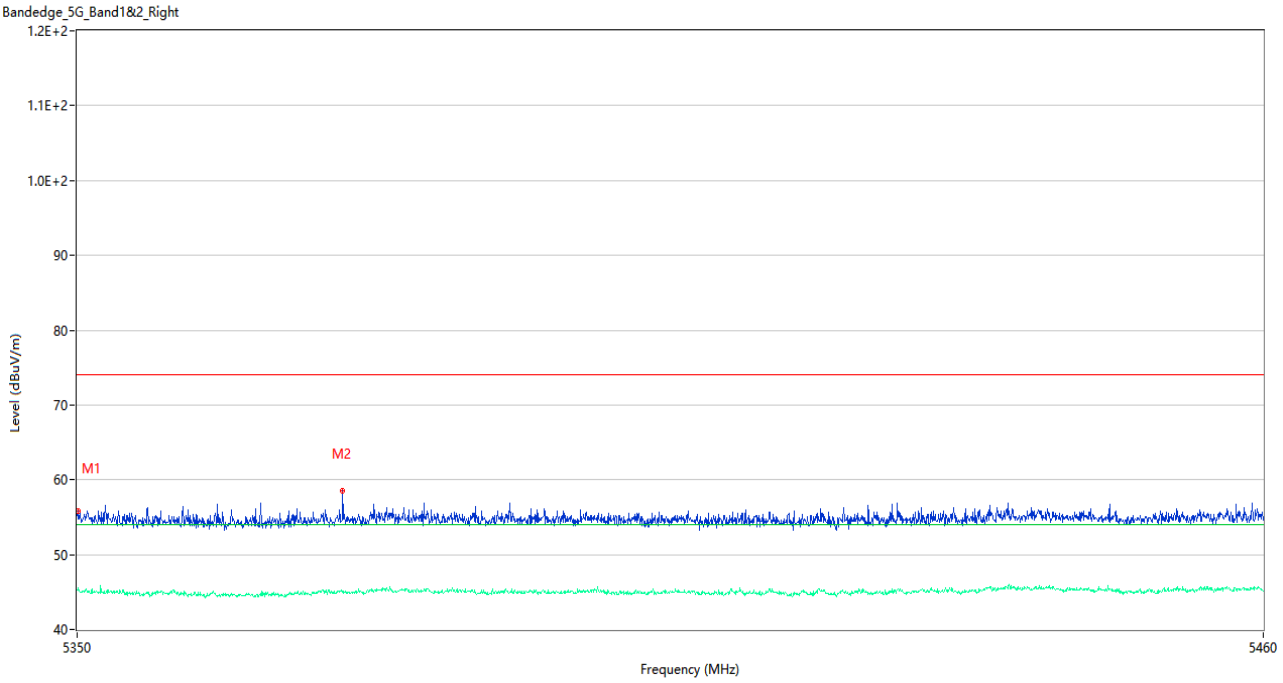
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.87	3.30	74.0	19.13	Peak	354.00	100	Horizontal	Pass
1**	5350.055	45.10	3.30	54.0	8.90	AV	354.00	100	Horizontal	Pass
2	5439.485	57.50	3.71	74.0	16.50	Peak	13.00	100	Horizontal	Pass
2**	5439.485	45.43	3.71	54.0	8.57	AV	13.00	100	Horizontal	Pass

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



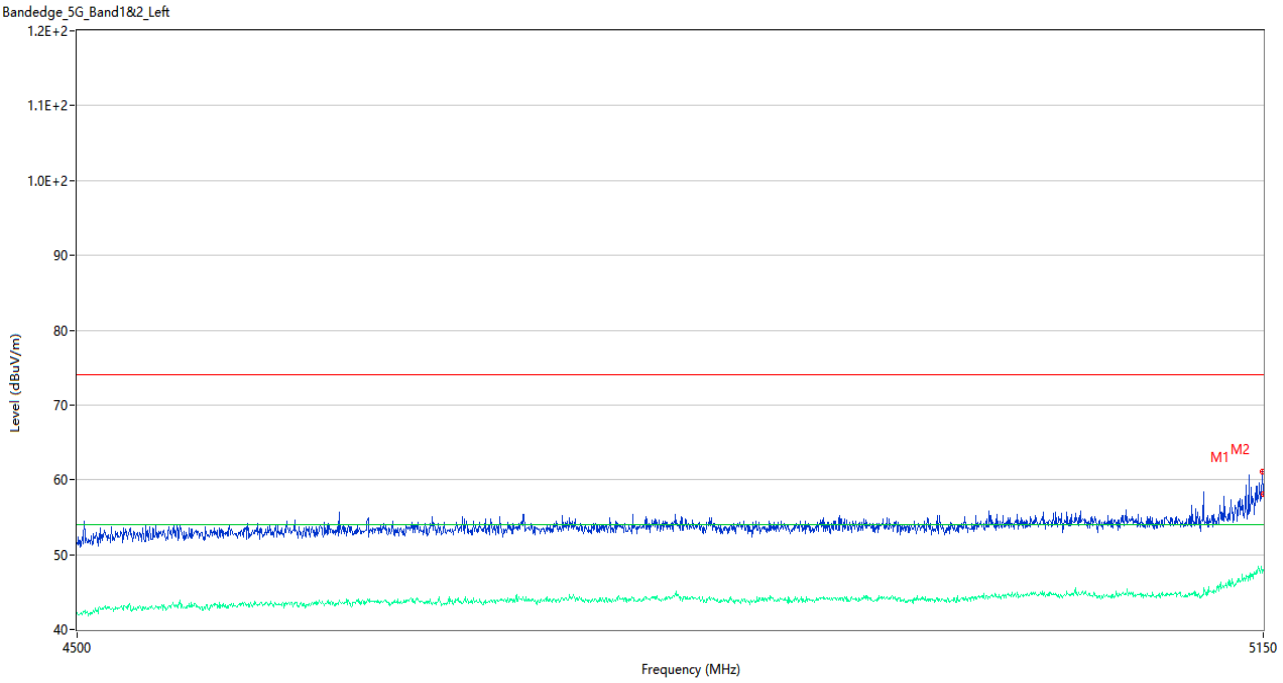
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	62.55	2.74	74.0	11.45	Peak	3.00	200	Horizontal	Pass
1**	5141.225	45.72	2.74	54.0	8.28	AV	3.00	200	Horizontal	Pass
2	5150.000	58.56	2.86	74.0	15.44	Peak	0.00	100	Horizontal	Pass
2**	5150.000	47.31	2.86	54.0	6.69	AV	0.00	100	Horizontal	Pass

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



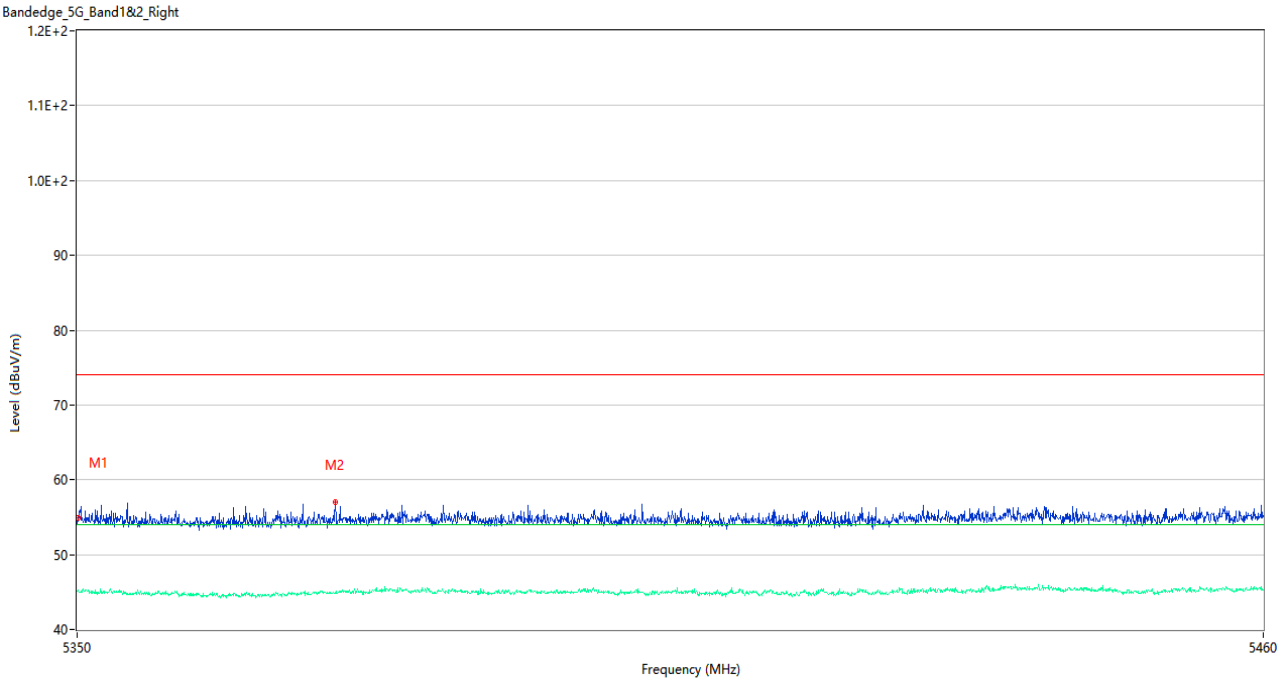
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.75	3.30	74.0	18.25	Peak	33.00	100	Horizontal	Pass
1**	5350.055	45.25	3.30	54.0	8.75	AV	33.00	100	Horizontal	Pass
2	5374.420	58.51	2.99	74.0	15.49	Peak	33.00	150	Horizontal	Pass
2**	5374.420	45.08	2.99	54.0	8.92	AV	33.00	150	Horizontal	Pass

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



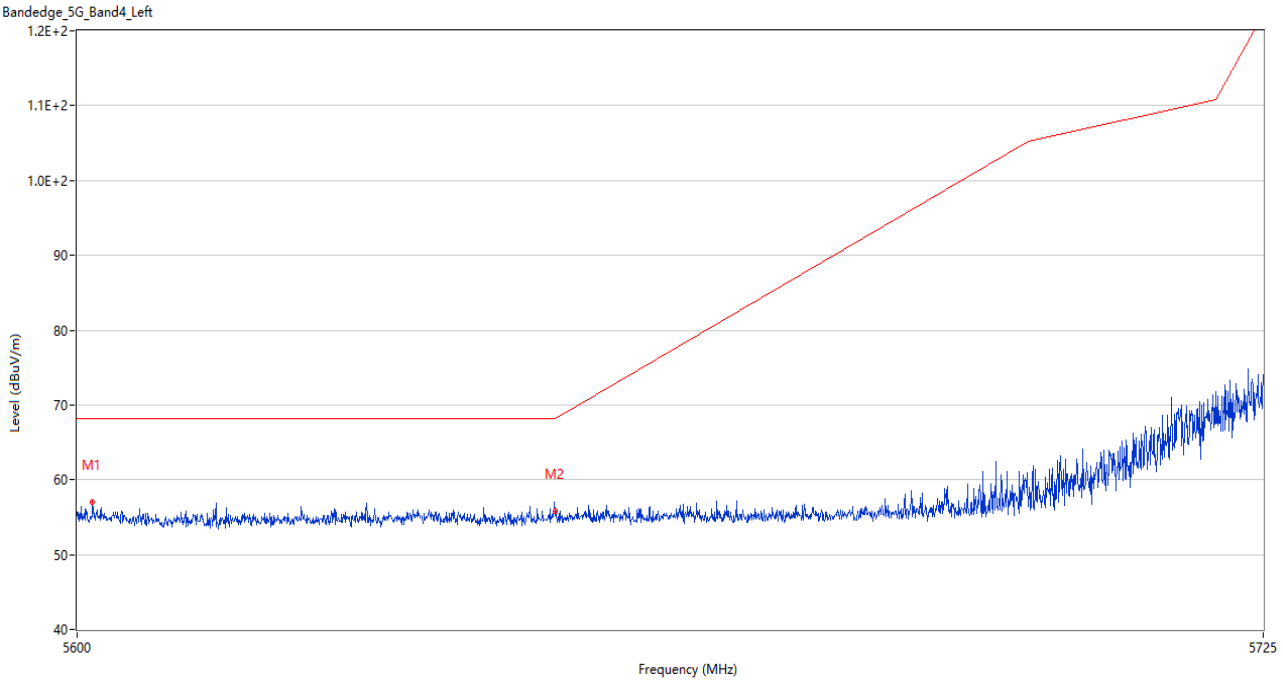
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	61.10	2.85	74.0	12.90	Peak	339.00	200	Horizontal	Pass
1**	5149.675	47.54	2.85	54.0	6.46	AV	339.00	200	Horizontal	Pass
2	5150.000	58.09	2.86	74.0	15.91	Peak	320.00	150	Horizontal	Pass
2**	5150.000	47.96	2.86	54.0	6.04	AV	320.00	150	Horizontal	Pass

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



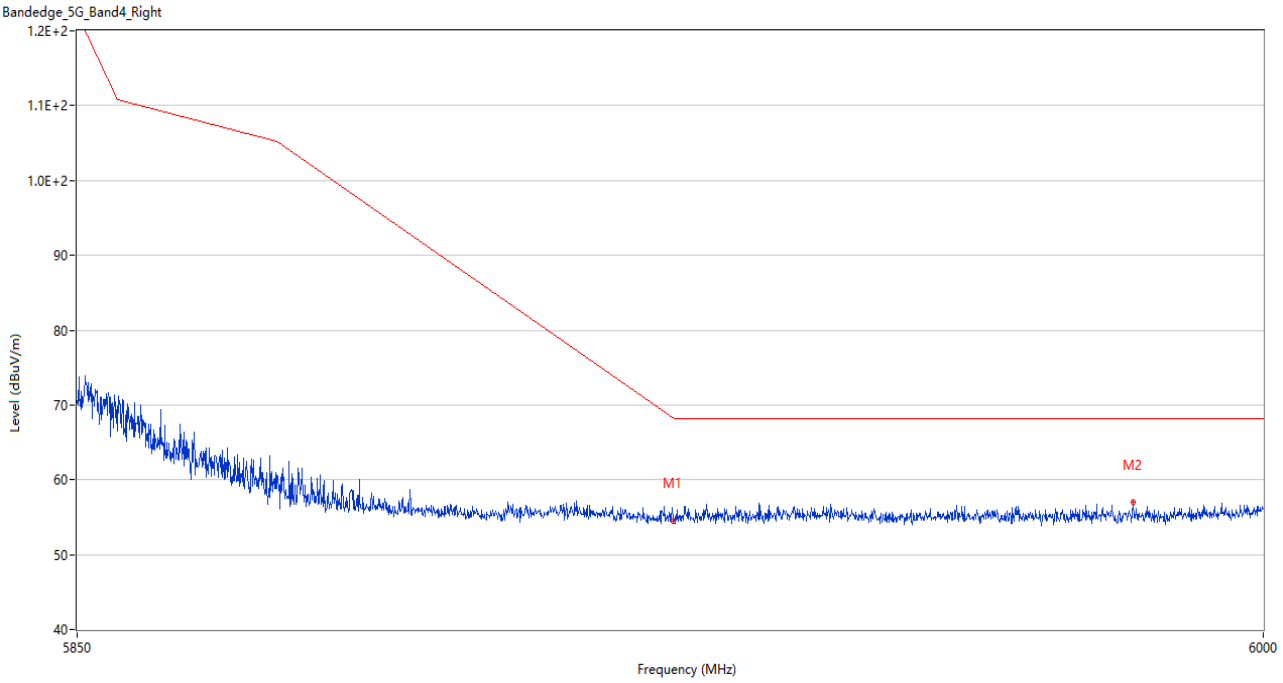
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.94	3.30	74.0	19.06	Peak	316.00	150	Horizontal	Pass
1**	5350.055	45.16	3.30	54.0	8.84	AV	316.00	150	Horizontal	Pass
2	5373.760	56.99	2.87	74.0	17.01	Peak	55.00	200	Horizontal	Pass
2**	5373.760	44.88	2.87	54.0	9.12	AV	55.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



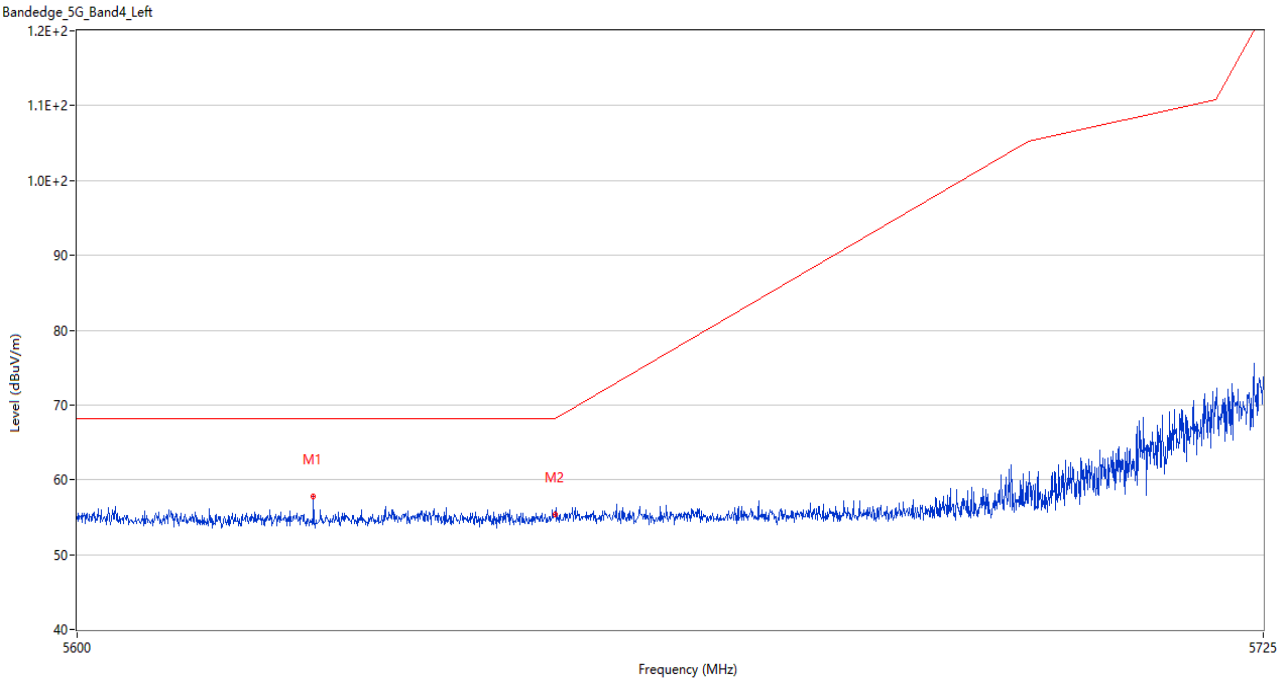
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5601.625	57.00	3.65	68.2	11.20	Peak	280.00	100	Horizontal	Pass
2	5650.000	55.81	3.72	68.2	12.39	Peak	253.00	150	Horizontal	Pass

U-NII-3 11a High Channel



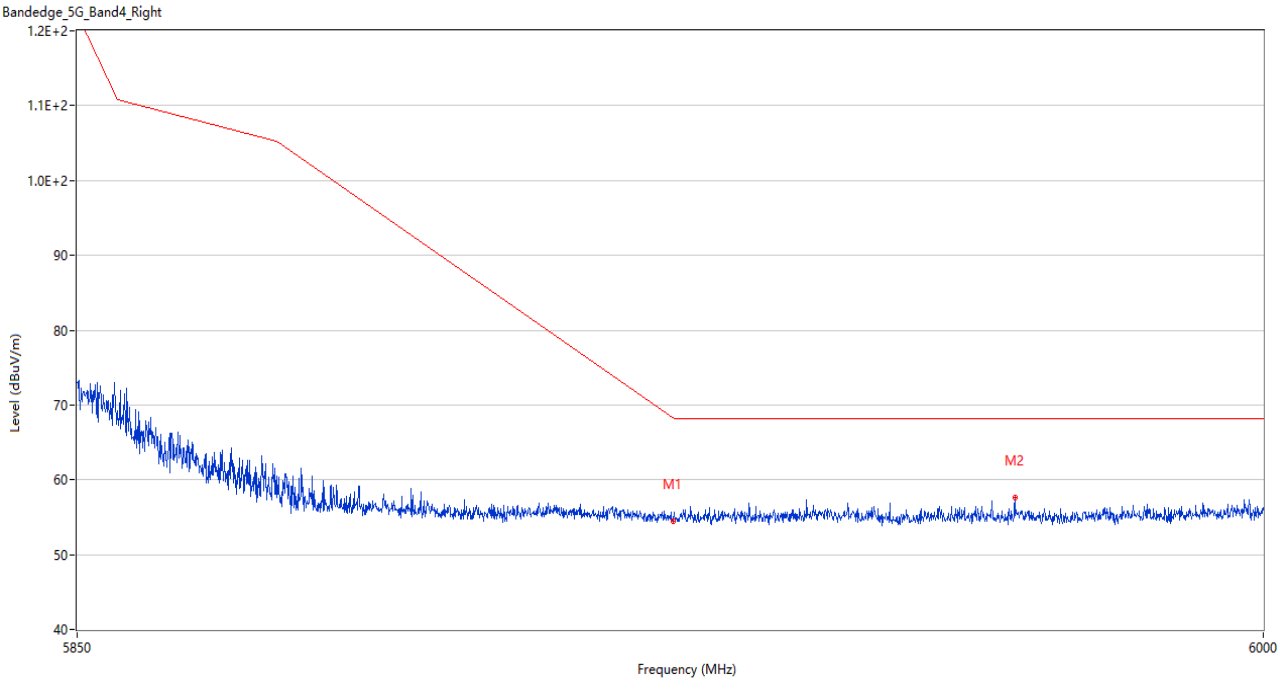
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.53	3.42	68.3	13.77	Peak	0.00	100	Horizontal	Pass
2	5983.350	56.95	4.26	68.2	11.25	Peak	313.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



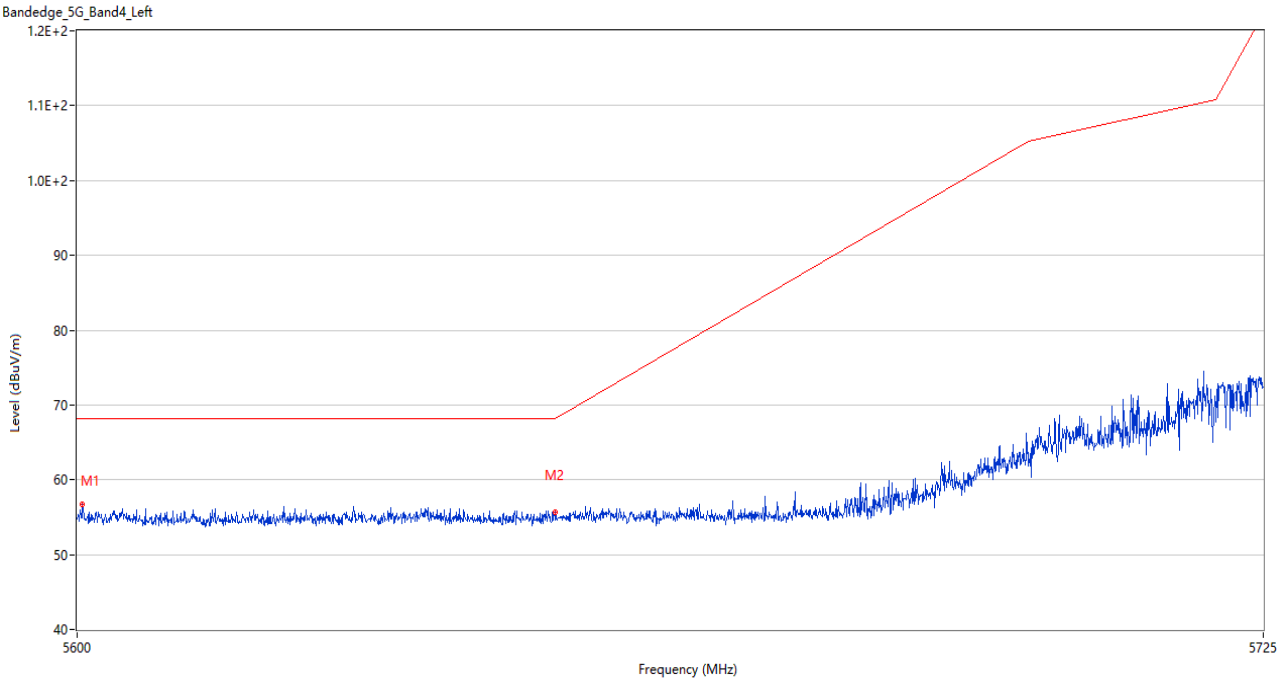
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5624.688	57.81	3.24	68.2	10.39	Peak	6.00	150	Horizontal	Pass
2	5650.000	55.39	3.72	68.2	12.81	Peak	0.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



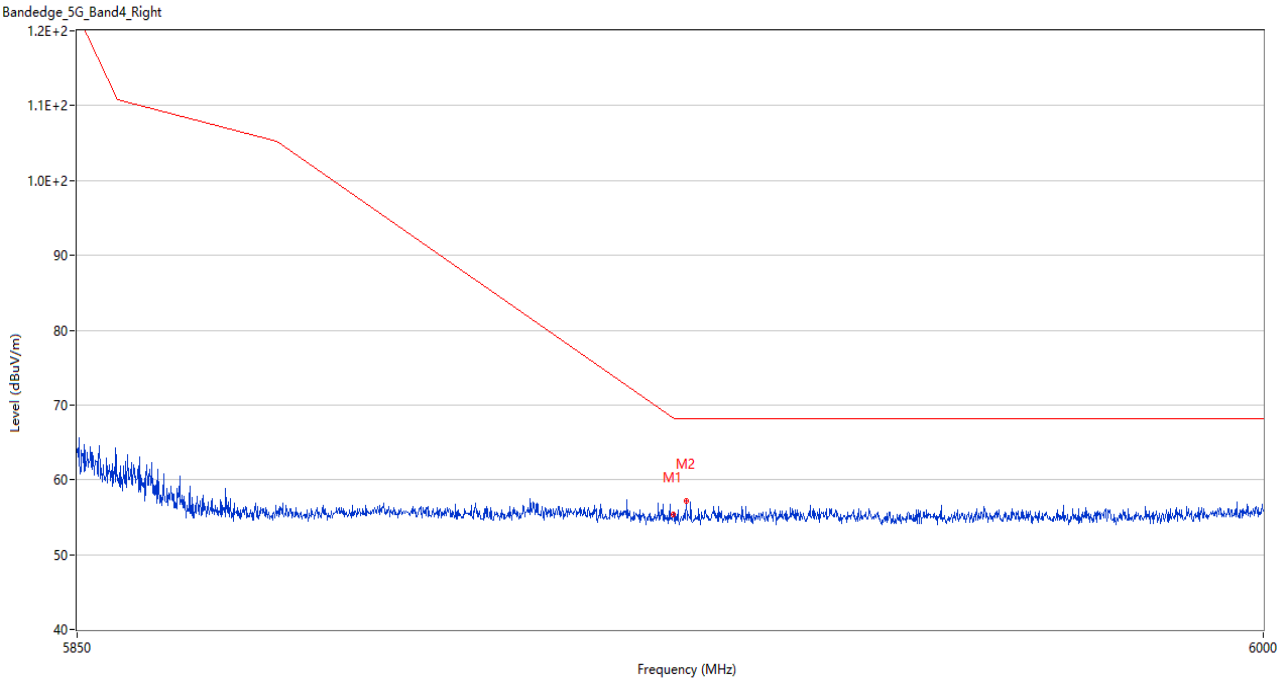
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.47	3.42	68.3	13.83	Peak	180.00	200	Horizontal	Pass
2	5968.275	57.59	3.94	68.2	10.61	Peak	237.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



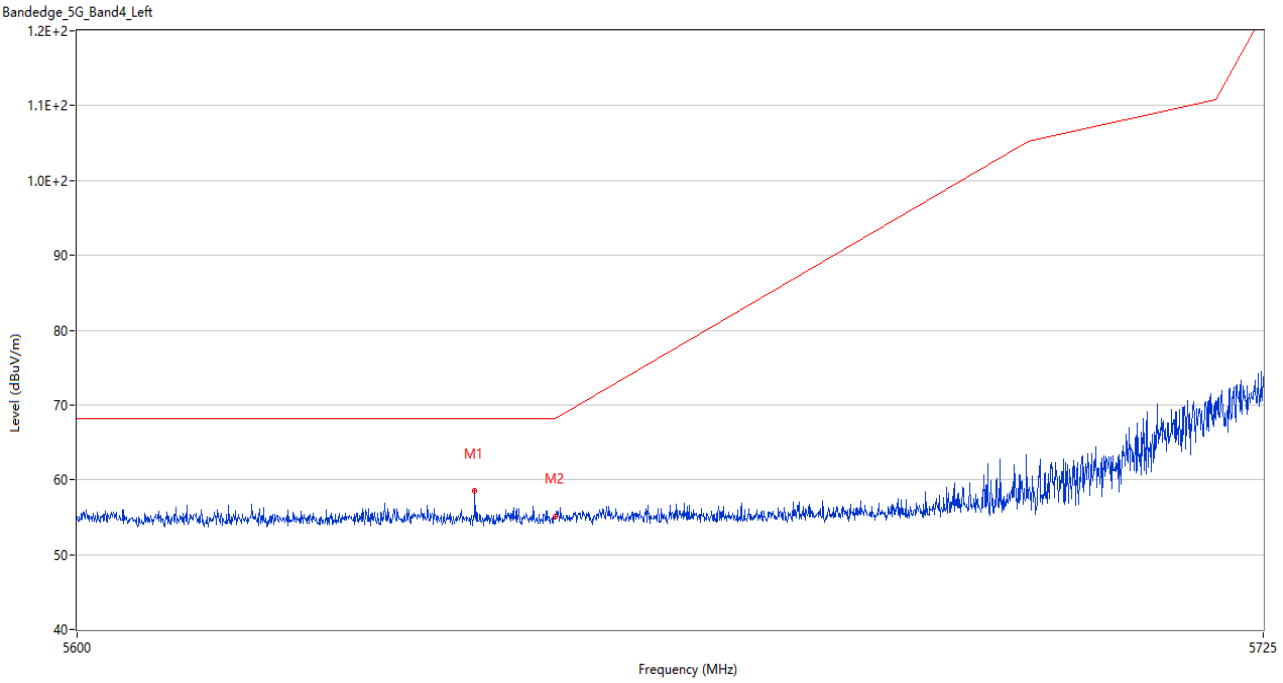
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5600.563	56.72	3.70	68.2	11.48	Peak	271.00	100	Horizontal	Pass
2	5650.000	55.65	3.72	68.2	12.55	Peak	213.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



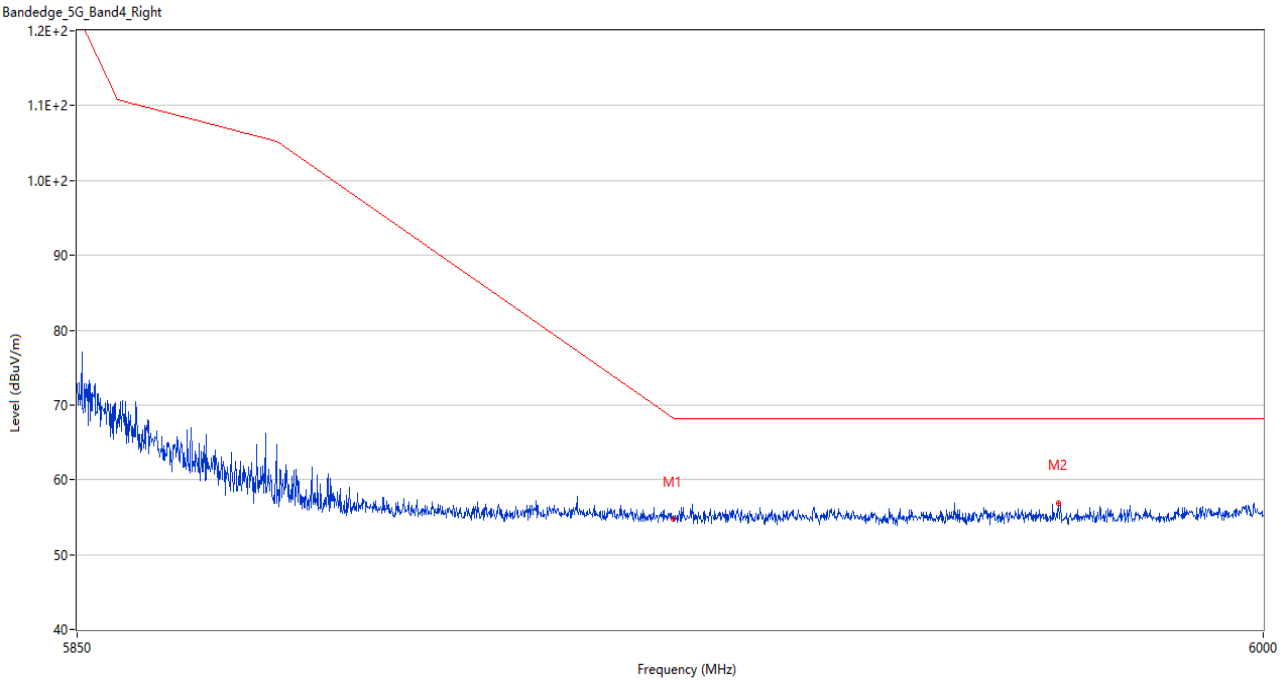
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.32	3.42	68.3	12.98	Peak	207.00	100	Horizontal	Pass
2	5926.575	57.13	3.63	68.2	11.07	Peak	98.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



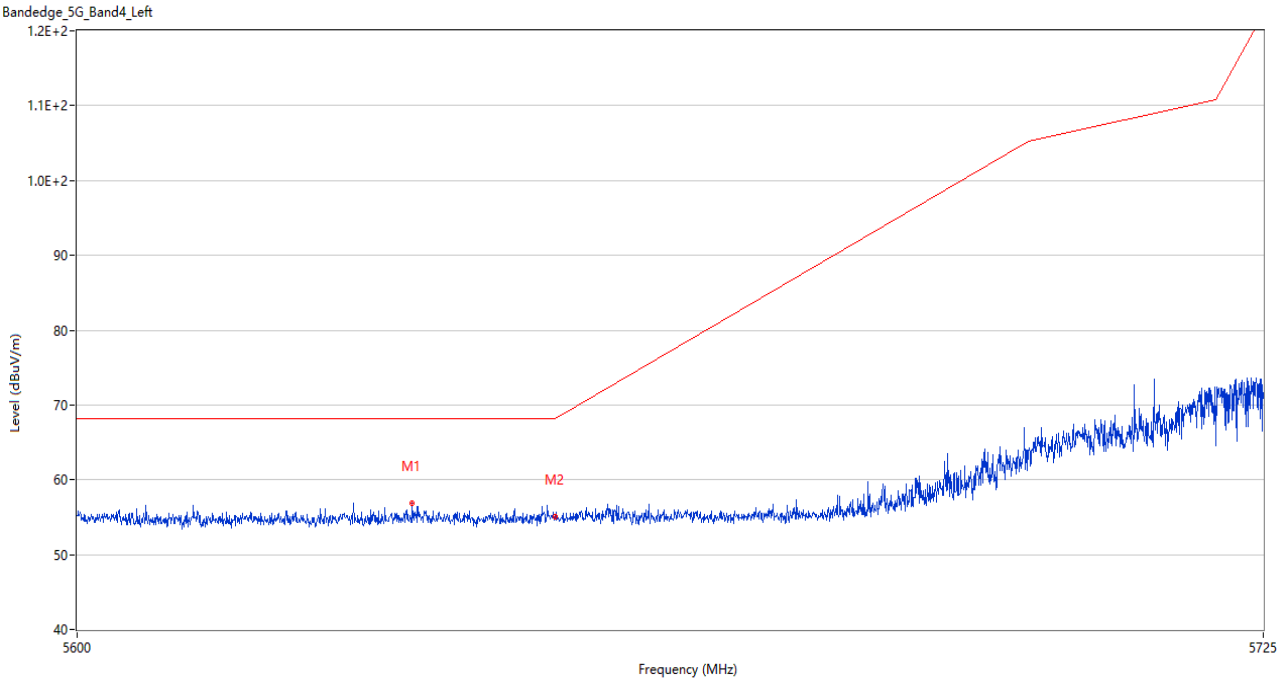
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.625	58.47	3.30	68.2	9.73	Peak	0.00	150	Horizontal	Pass
2	5650.000	55.11	3.72	68.2	13.09	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



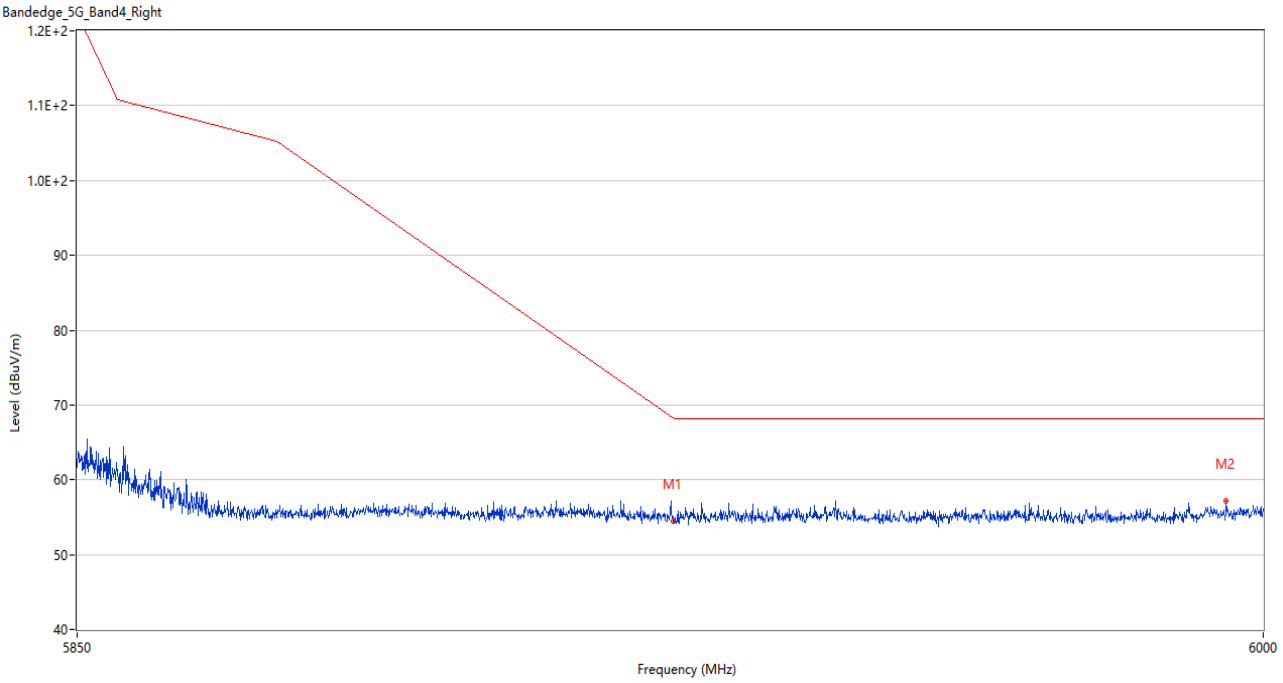
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.76	3.42	68.3	13.54	Peak	360.00	100	Horizontal	Pass
2	5973.825	56.95	3.83	68.2	11.25	Peak	107.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



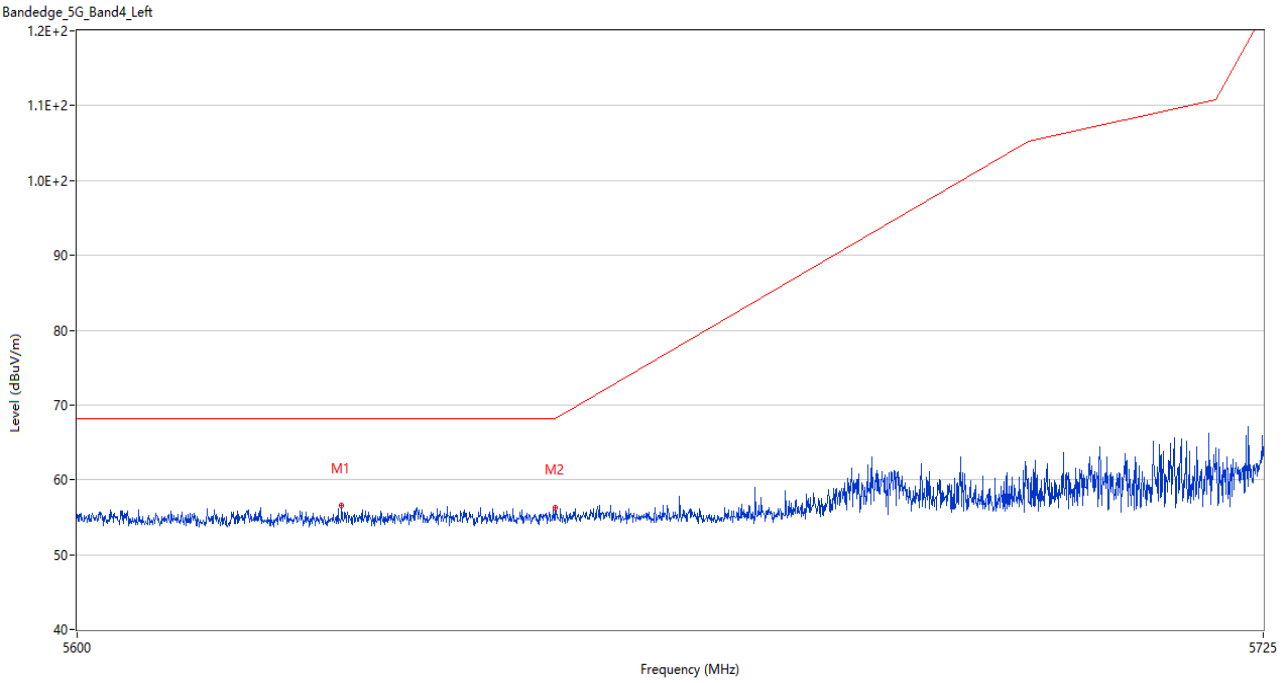
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.062	56.87	3.75	68.2	11.33	Peak	0.00	100	Horizontal	Pass
2	5650.000	55.04	3.72	68.2	13.16	Peak	286.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



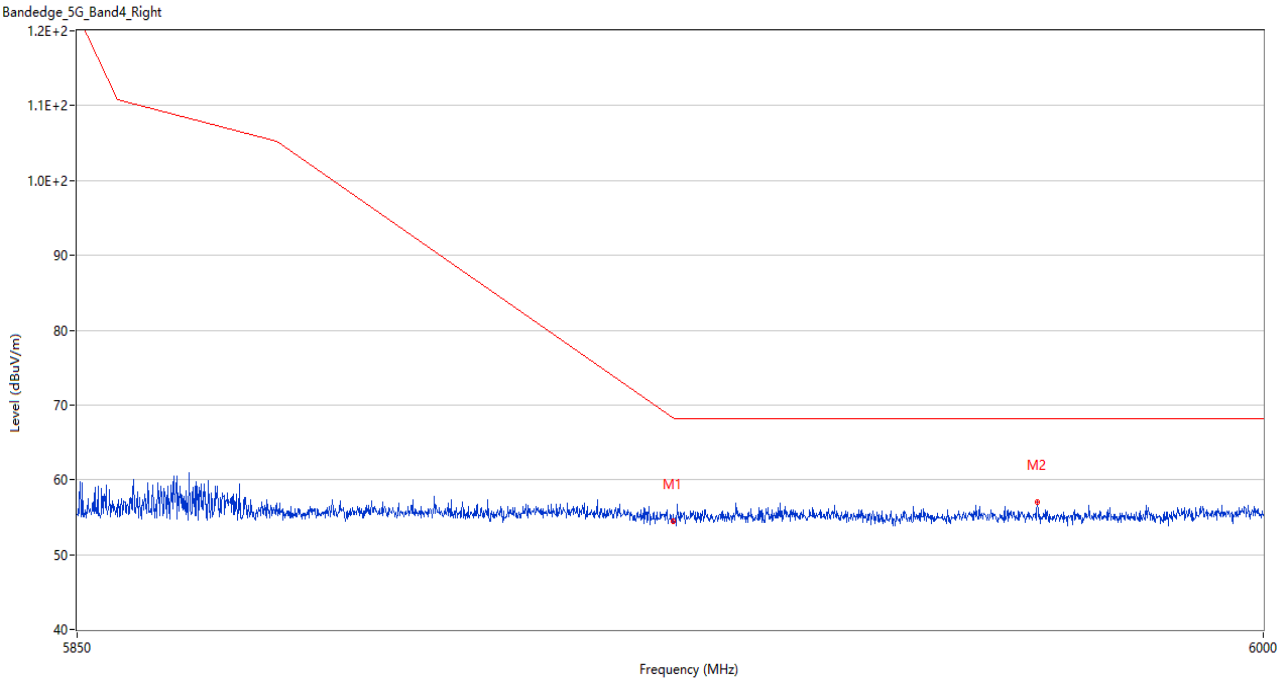
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.50	3.42	68.3	13.80	Peak	33.00	200	Horizontal	Pass
2	5995.275	57.20	4.73	68.2	11.00	Peak	240.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



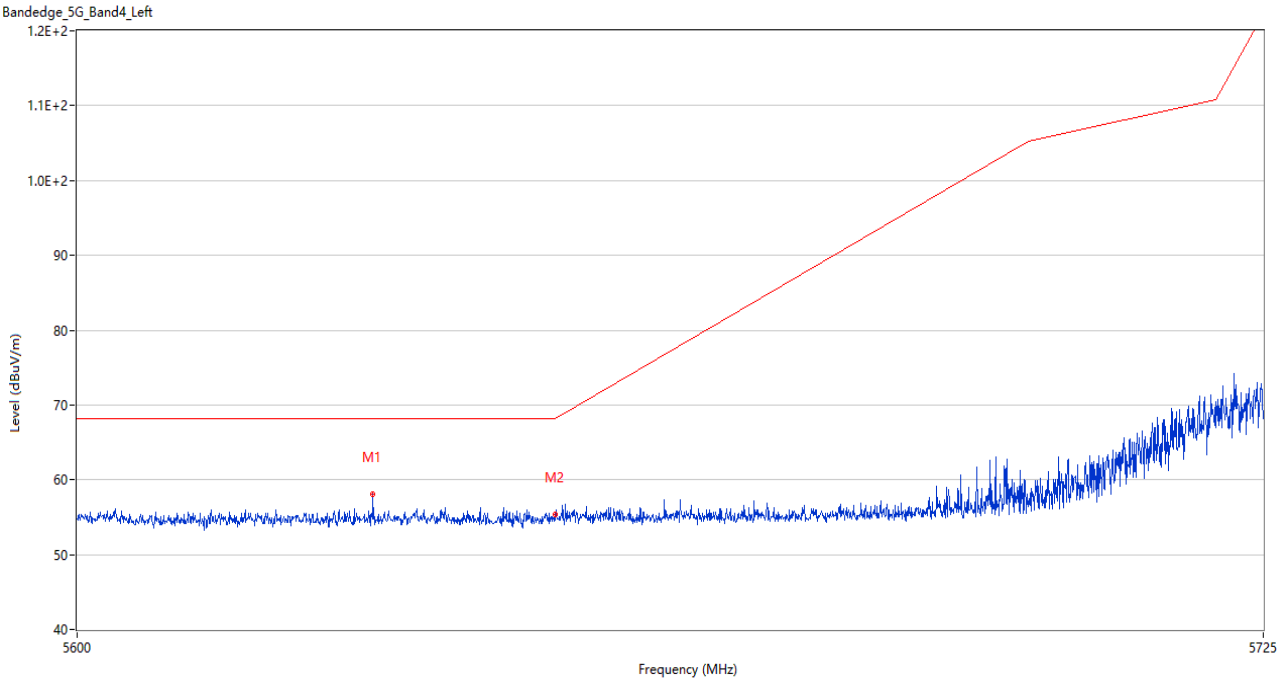
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.625	56.52	3.47	68.2	11.68	Peak	352.00	100	Horizontal	Pass
2	5650.000	56.34	3.72	68.2	11.86	Peak	210.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



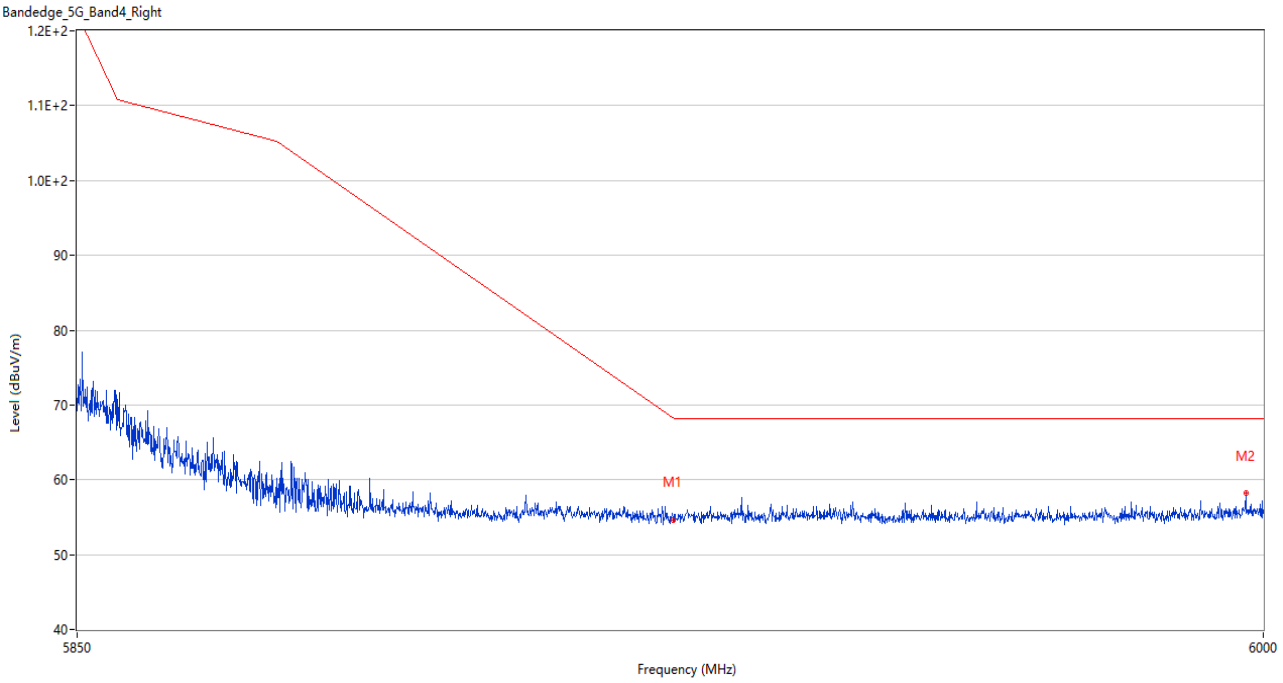
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.42	3.42	68.3	13.88	Peak	124.00	200	Horizontal	Pass
2	5971.125	57.00	3.90	68.2	11.20	Peak	10.00	150	Horizontal	Pass

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



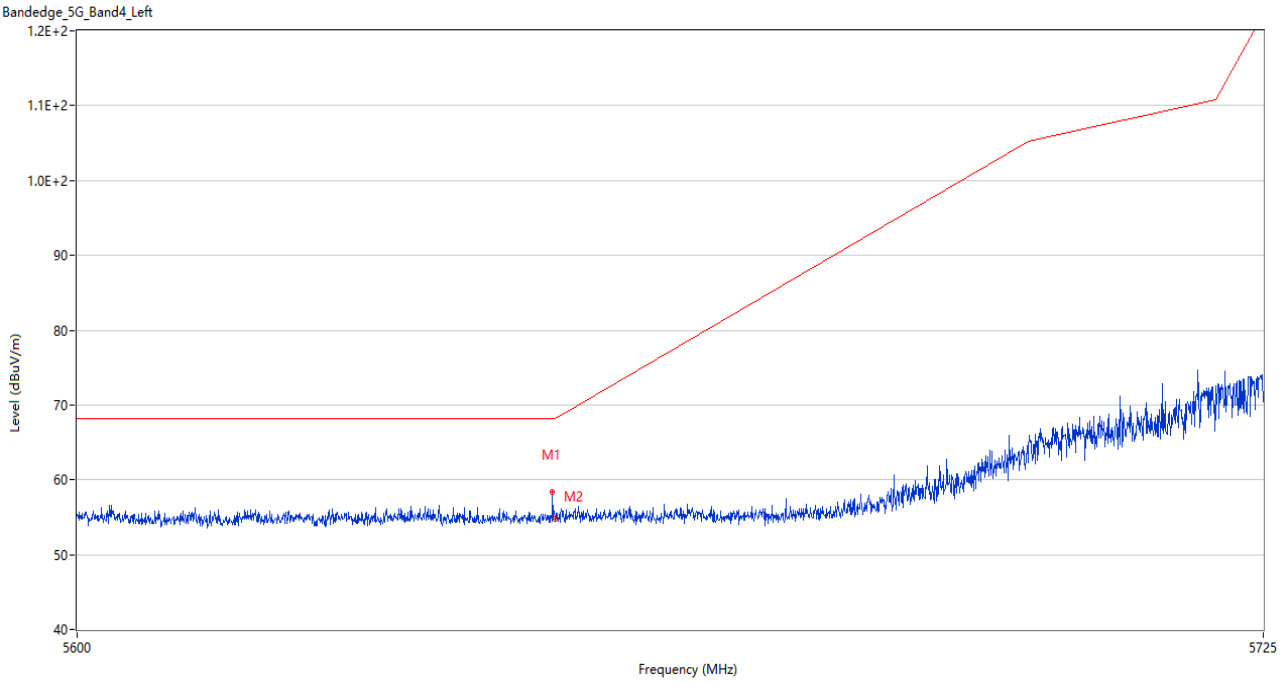
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5630.938	58.02	3.45	68.2	10.18	Peak	360.00	200	Horizontal	Pass
2	5650.000	55.41	3.72	68.2	12.79	Peak	257.00	150	Horizontal	Pass

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



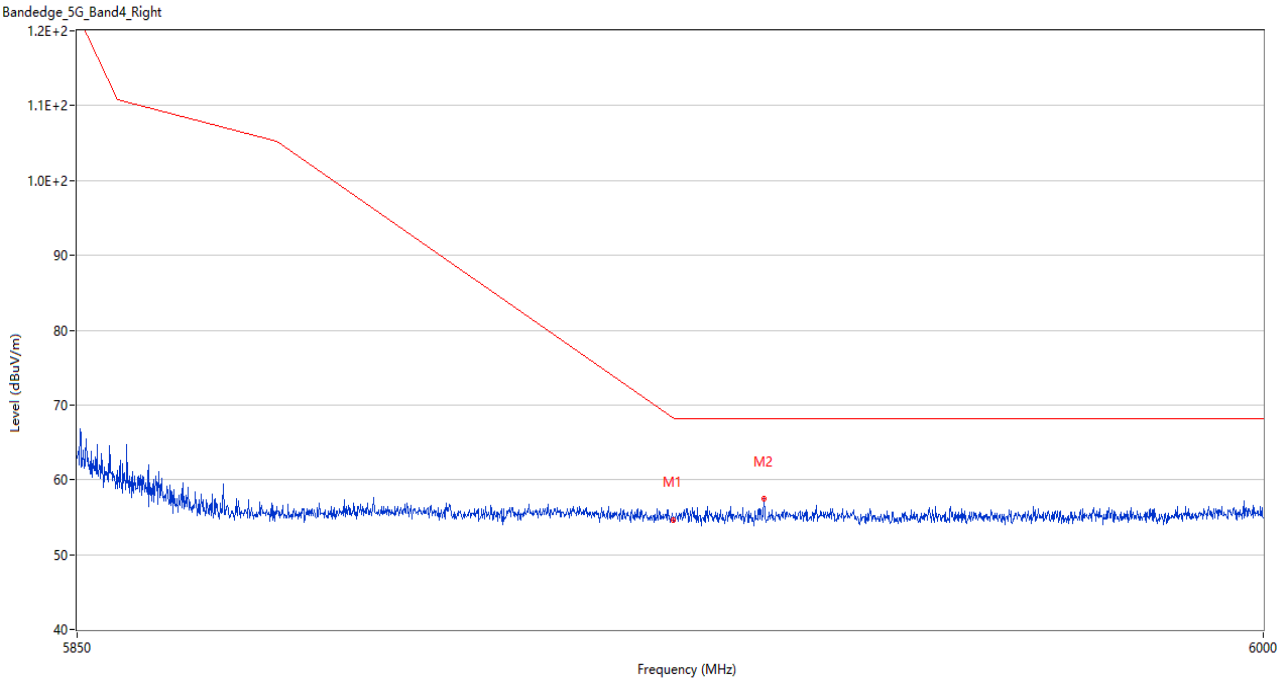
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.67	3.42	68.3	13.63	Peak	154.00	200	Horizontal	Pass
2	5997.750	58.19	5.02	68.2	10.01	Peak	344.00	100	Horizontal	Pass

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



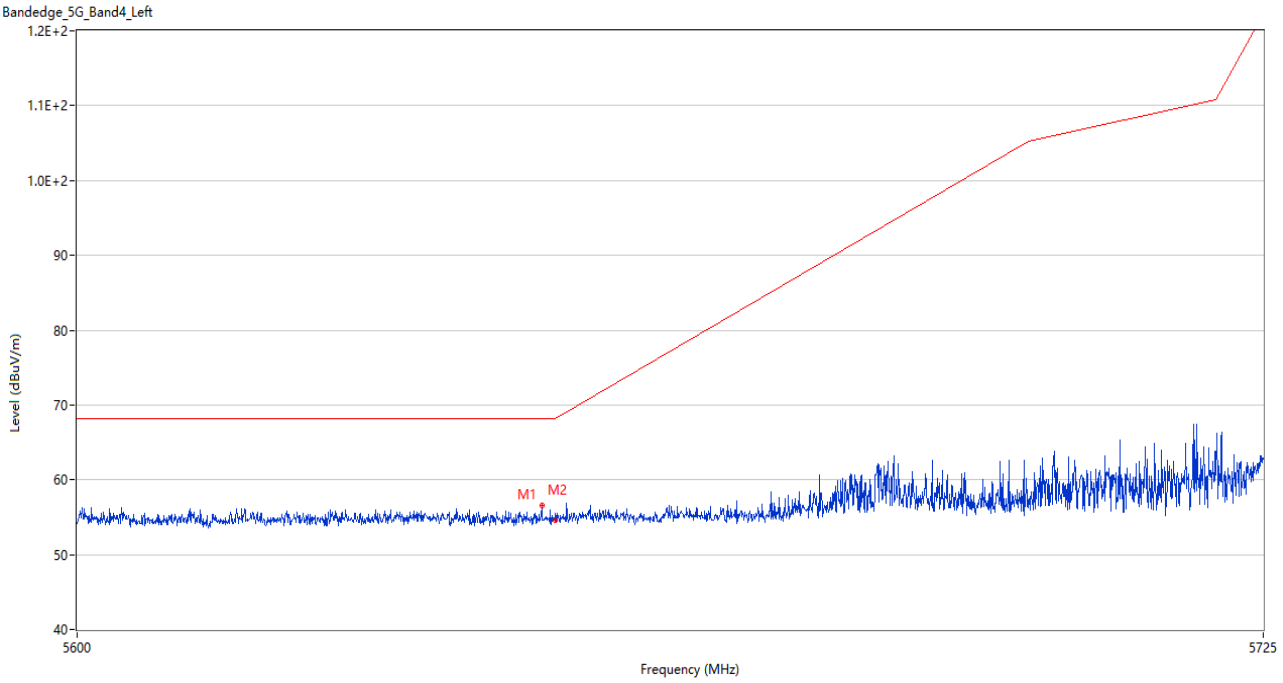
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.750	58.33	3.52	68.2	9.87	Peak	268.00	150	Horizontal	Pass
2	5650.000	54.79	3.72	68.2	13.41	Peak	18.00	100	Horizontal	Pass

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



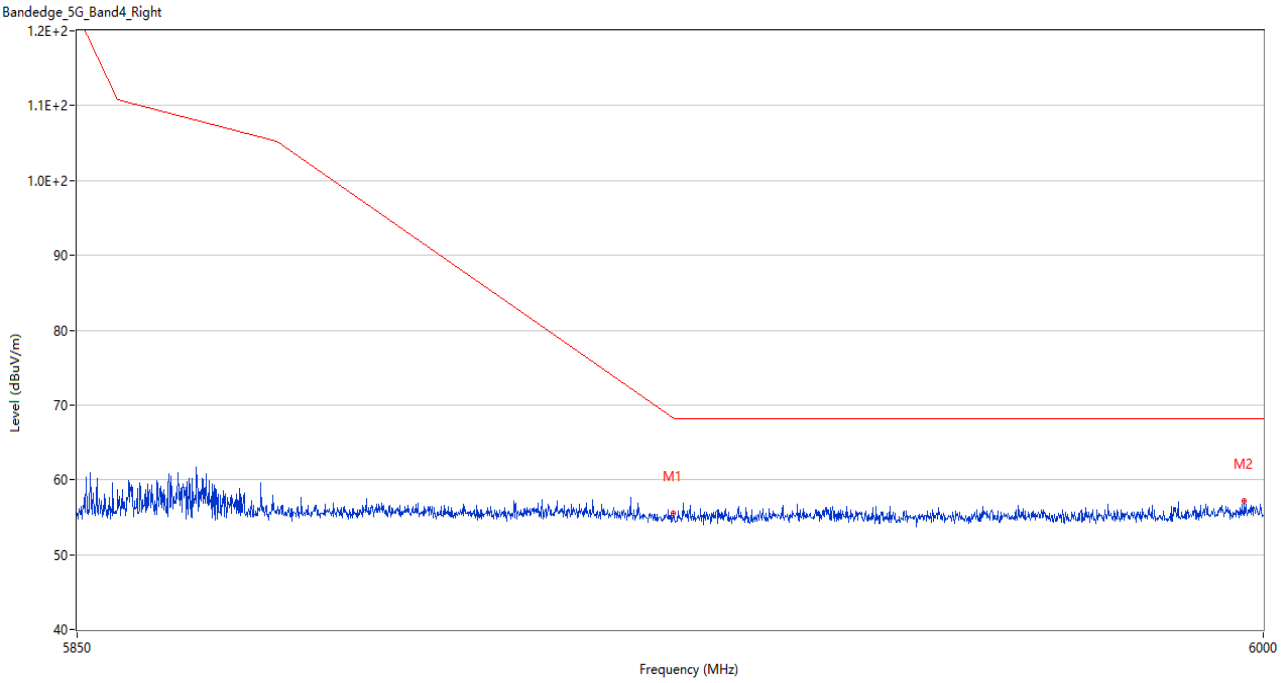
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.67	3.42	68.3	13.63	Peak	20.00	150	Horizontal	Pass
2	5936.400	57.43	3.32	68.2	10.77	Peak	52.00	200	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.625	56.51	3.44	68.2	11.69	Peak	9.00	100	Horizontal	Pass
2	5650.000	54.68	3.72	68.2	13.52	Peak	58.00	150	Horizontal	Pass

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

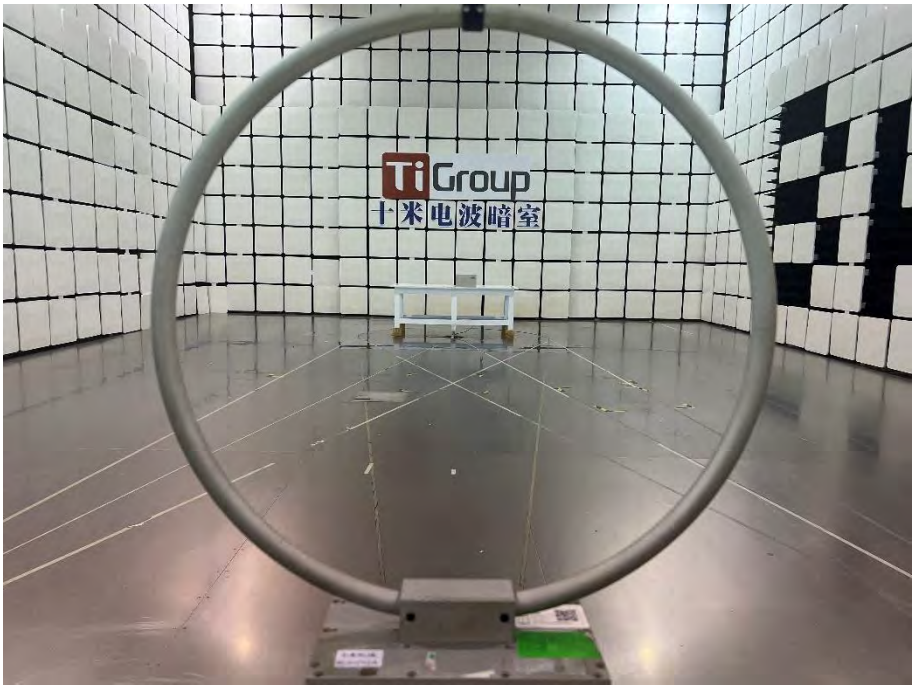


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.52	3.42	68.3	12.78	Peak	171.00	100	Horizontal	Pass
2	5997.600	57.18	5.02	68.2	11.02	Peak	128.00	150	Horizontal	Pass

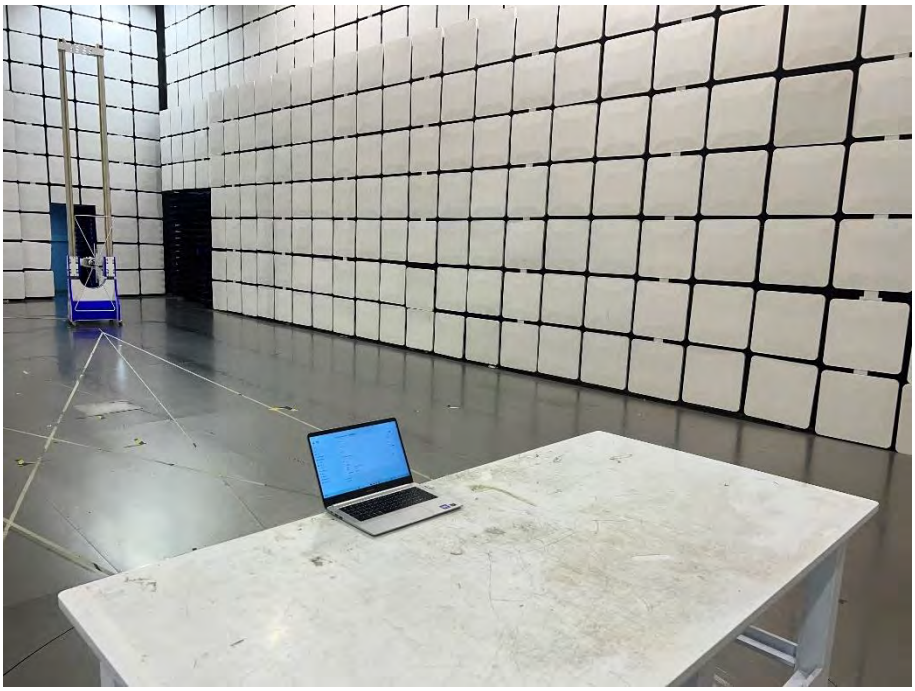
ANNEX A TEST SETUP PHOTOS

1 Radiated Test Photo

Below 30MHz

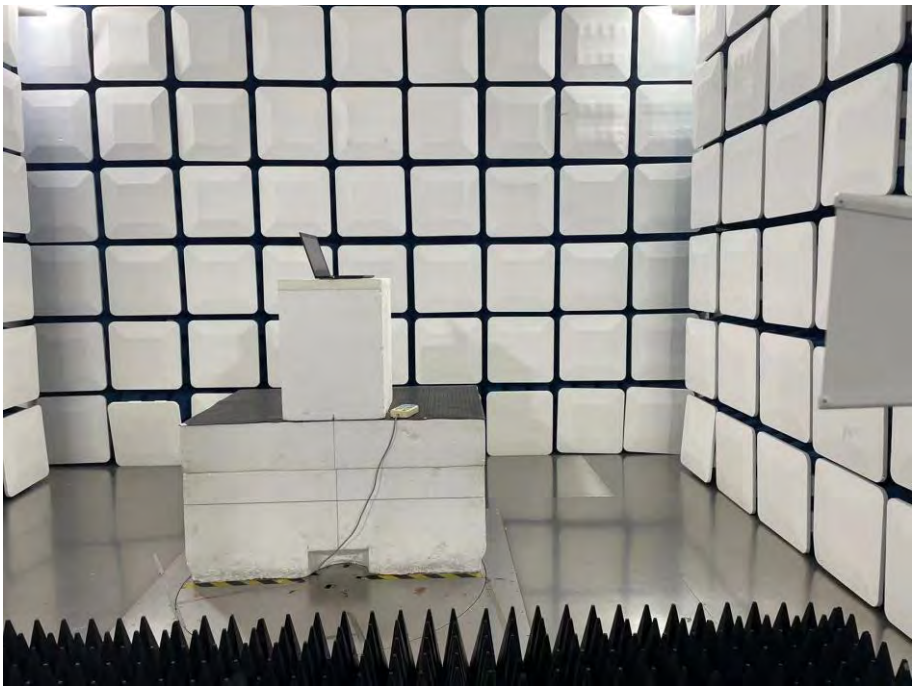


30MHz-1GHz



Close-up

Above 1GHz



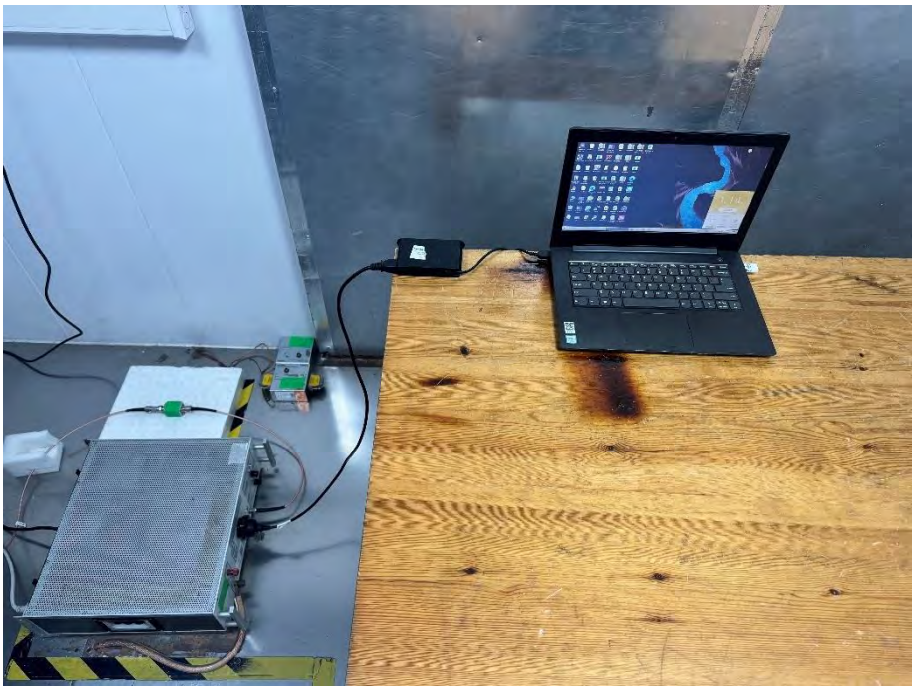
Close-up

2 Conducted Test Photo

Conducted Test

3 Conducted Emissions

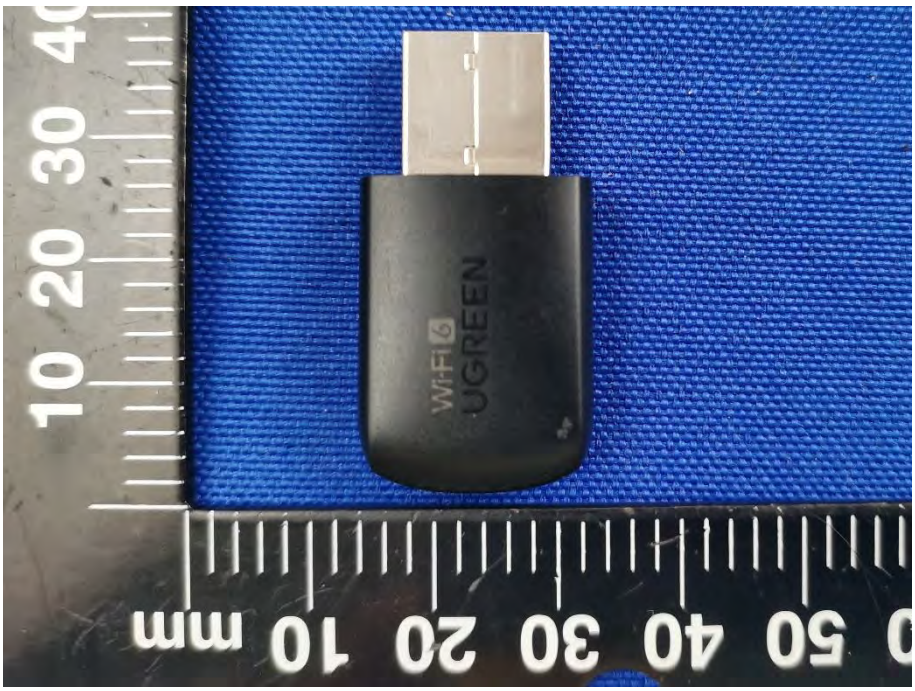
Test Photo 1



Test Photo 2

ANNEX B EUT EXTERNAL PHOTOS

FRONT VIEW OF EUT

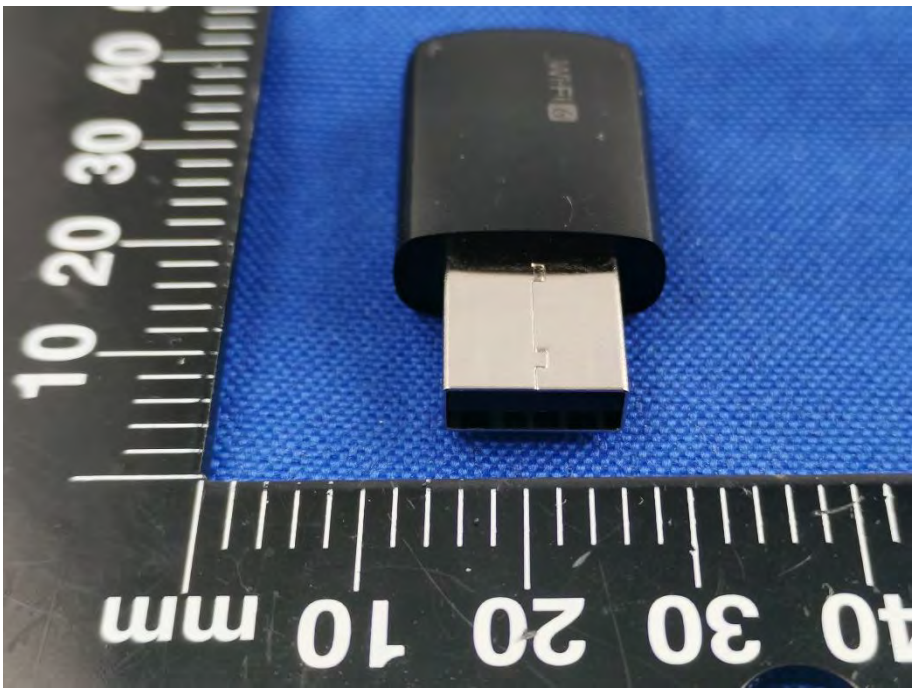


REAR VIEW OF EUT

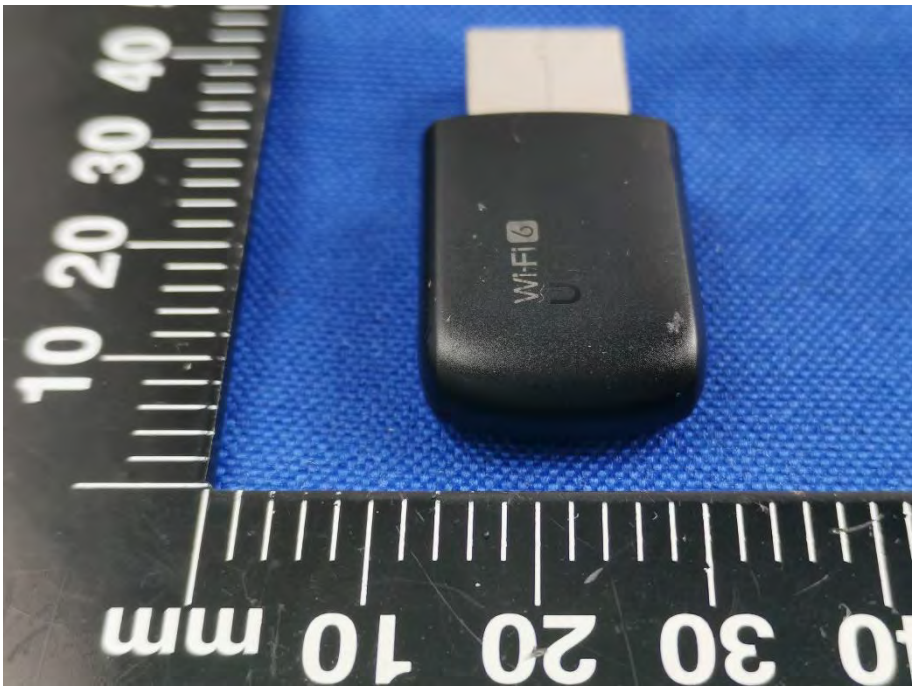
LEFT VIEW OF EUT

RIGHT VIEW OF EUT

TOP VIEW OF EUT

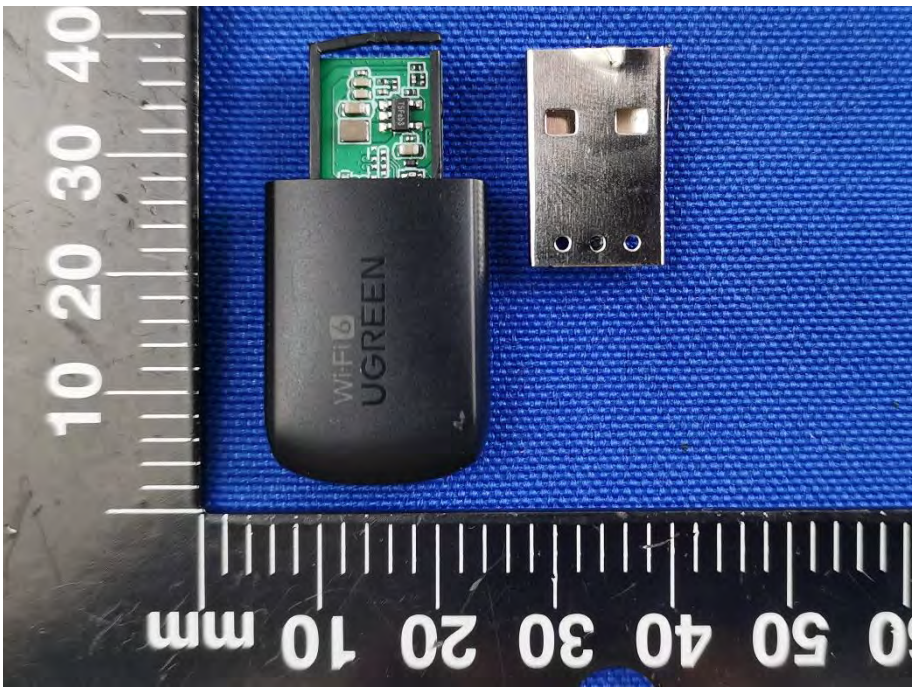


BOTTOM VIEW OF EUT

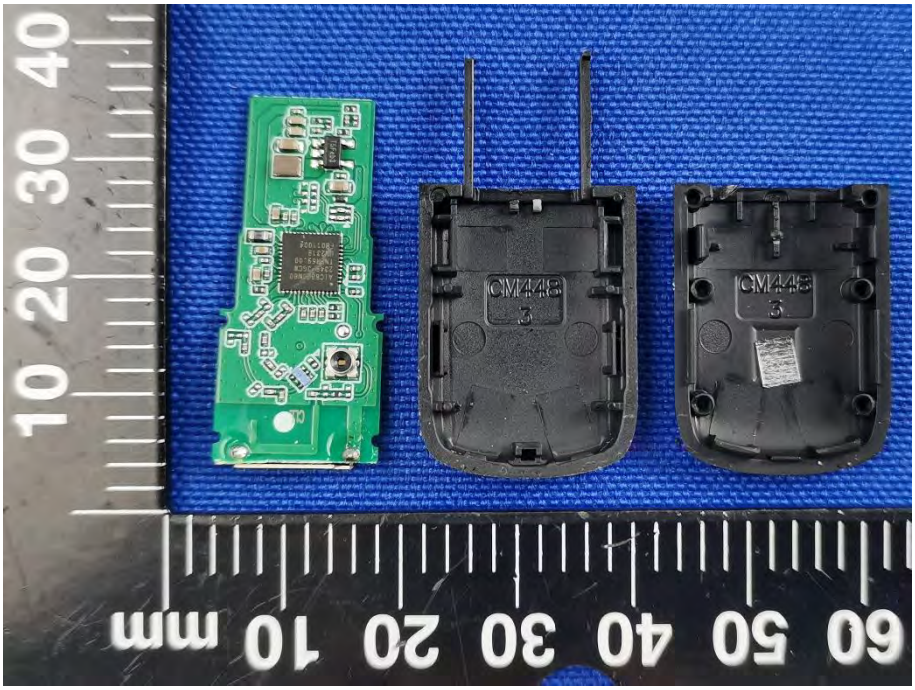


ANNEX C EUT INTERNAL PHOTOS

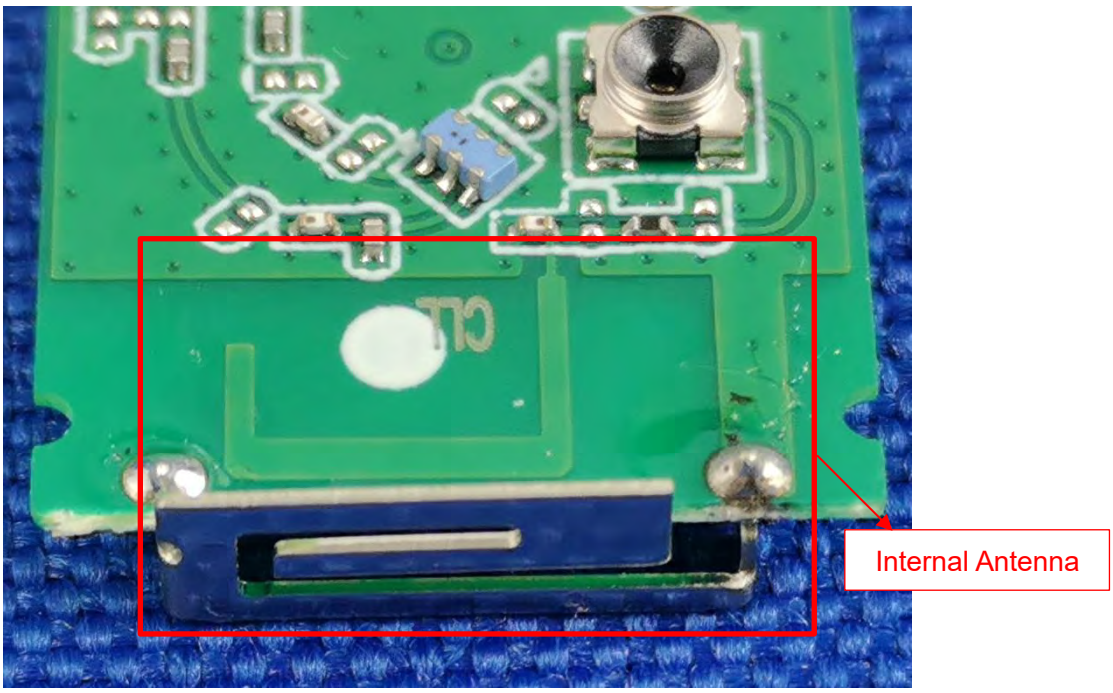
EUT UNCOVER VIEW 1



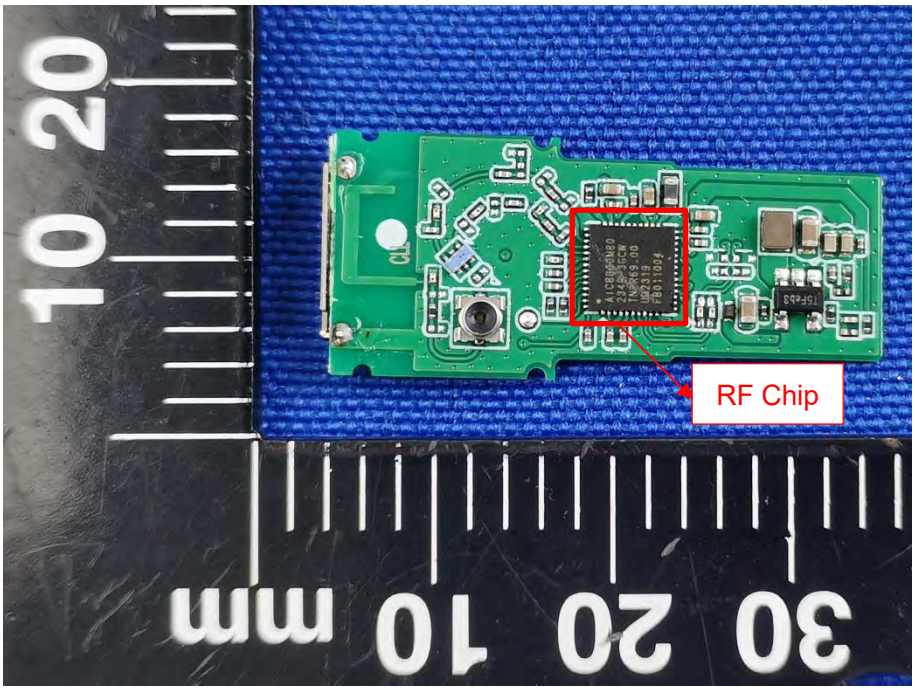
EUT UNCOVER VIEW 2



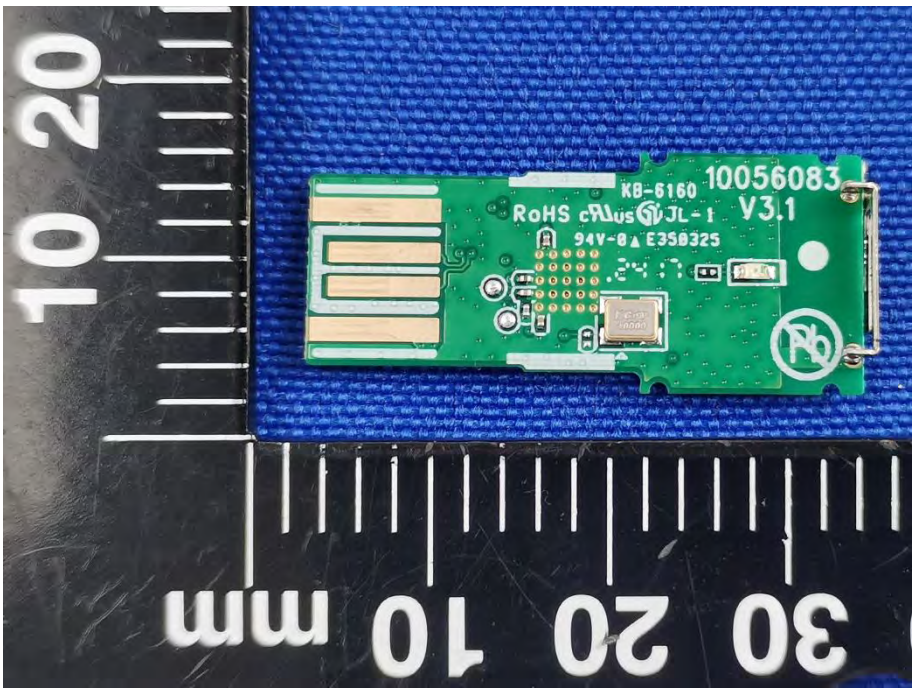
EUT UNCOVER VIEW 3



MAIN BOARD TOP VIEW



MAIN BOARD REAR VIEW



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2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
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--END OF REPORT--