TEST REPORT

Applicant:	E&S International Enterprises, Inc.
Address:	7801 Hayvenhurst Avenue Van Nuys, California 91406, USA
Equipment Type:	8" Kids HD Tablet
Model Name:	GAKM10822-BL (refer section 2.4)
Brand Name:	Gateway
FCC ID:	2AYPE-GAKM10822
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
Test Date:	Aug. 03, 2022 - Aug. 19, 2022
Date of Issue:	Sep. 02, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie zhu **Checked by:** Ye Hongji **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Sep. 02, 2022	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	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue Van Nuys, California 91406, USA

2.2 Manufacturer Information

Manufacturer	HENA GROUP COMPANY LIMITED
Address	ROOM 2205, WESTLANDS CENTRE,20 WESTLAND ROAD, QUARRY BAY, HONG KONG

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	8" Kids HD Tablet
Model Name Under Test	GAKM10822-BL
Series Model Name	GAKM10822-** (* stands for A-Z)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name. (this information provided by the customer)
Hardware Version	M863P
Software Version	Android 12
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/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-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 11.38 dBm U-NII-2A: 11.41 dBm U-NII-2C: 9.34 dBm U-NII-3: 7.84 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	2.11 dBi
About the Product	The equipment is 8" Kids HD Tablet, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	Device bulid-in engneer test mode

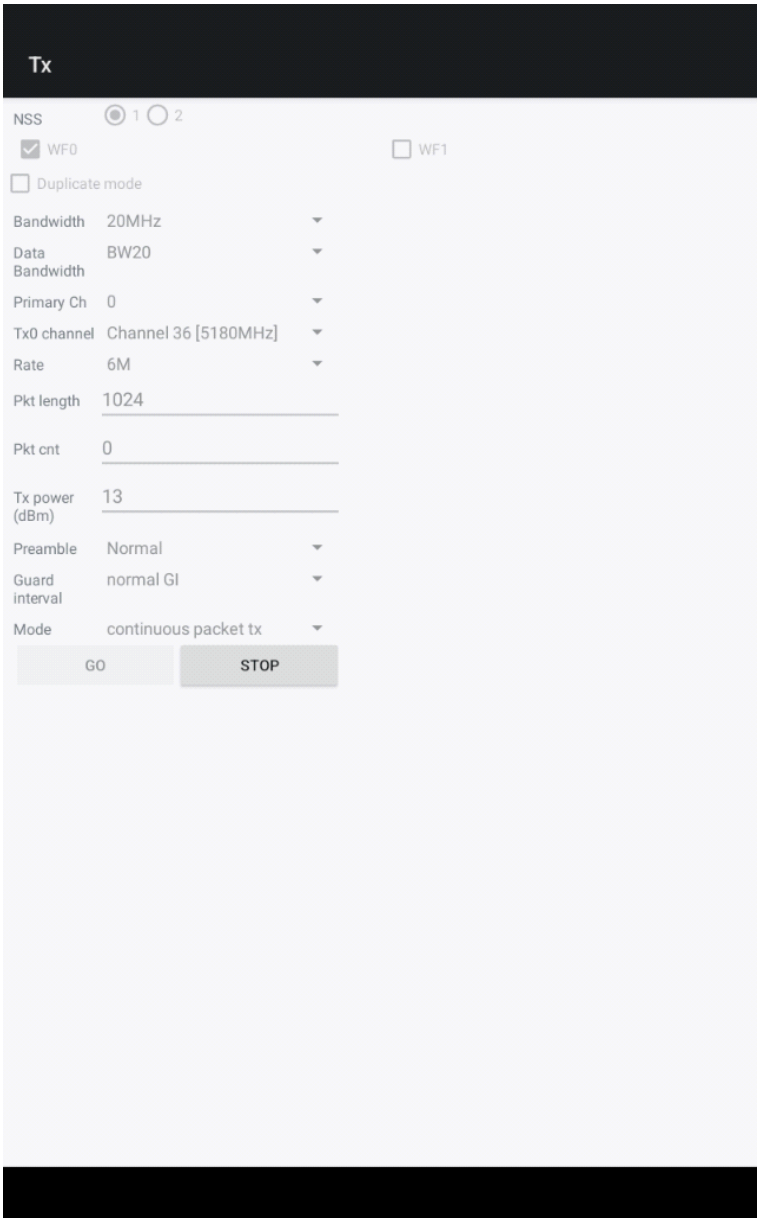
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	13.0
11a	CH44	5220	13.0
11a	CH48	5240	13.0
11n (HT20)	CH36	5180	12.5
11n (HT20)	CH44	5220	12.0
11n (HT20)	CH48	5240	12.0
11n (HT40)	CH38	5190	12.5
11n (HT40)	CH46	5230	12.0
11ac (VHT20)	CH36	5180	11.5
11ac (VHT20)	CH44	5220	11.5
11ac (VHT20)	CH48	5240	11.0
11ac (VHT40)	CH38	5190	11.5
11ac (VHT40)	CH46	5230	11.5
11ac (VHT80)	CH42	5210	11.5

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	13.0
11a	CH60	5300	12.5
11a	CH64	5320	12.5
11n (HT20)	CH52	5260	12.0
11n (HT20)	CH60	5300	12.0
11n (HT20)	CH64	5320	12.0
11n (HT40)	CH54	5270	12.0
11n (HT40)	CH62	5310	12.0
11ac (VHT20)	CH52	5260	11.0
11ac (VHT20)	CH60	5300	11.0
11ac (VHT20)	CH64	5320	11.0
11ac (VHT40)	CH54	5270	11.0
11ac (VHT40)	CH62	5310	11.0
11ac (VHT80)	CH58	5290	11.5

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	10.5
11a	CH116	5580	11.5
11a	CH140	5700	12.5
11n (HT20)	CH100	5500	10.0
11n (HT20)	CH116	5580	10.5
11n (HT20)	CH140	5700	11.5
11n (HT40)	CH102	5510	10.0
11n (HT40)	CH118	5590	10.5
11n (HT40)	CH134	5670	11.5
11ac (VHT20)	CH100	5500	9.0
11ac (VHT20)	CH116	5580	9.5
11ac (VHT20)	CH140	5700	10.5
11ac (VHT40)	CH102	5510	9.0
11ac (VHT40)	CH118	5590	9.5
11ac (VHT40)	CH134	5670	10.5
11ac (VHT80)	CH106	5530	9.5
11ac (VHT80)	CH122	5610	10.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	11.0
11a	CH157	5785	11.5
11a	CH165	5825	12.0
11n (HT20)	CH149	5745	10.5
11n (HT20)	CH157	5785	10.5
11n (HT20)	CH165	5825	11.0
11n (HT40)	CH151	5755	10.5
11n (HT40)	CH159	5795	11.0
11ac (VHT20)	CH149	5745	9.5
11ac (VHT20)	CH157	5785	10.0
11ac (VHT20)	CH165	5825	10.0
11ac (VHT40)	CH151	5755	9.5
11ac (VHT40)	CH159	5795	10.0
11ac (VHT80)	CH155	5775	10.0

Run Software:



2.7 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**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	**122**	**5610**
52	**5260**	**102**	**5510**	**155**	**5775**
56	5280	110	5550		
60	**5300**	**118**	**5590**		
64	**5320**	**134**	**5670**		
100	**5500**	**151**	**5755**		
104	5520	**159**	**5795**		
108	5540				
112	5560				
116	**5580**				
136	5680				
140	**5700**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

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

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

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	--	N/A[Note2]

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

Note [2]: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note [3]: 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	49% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.8℃ to +24.3℃
	LT (Low Temperature)	0℃
	HT (High Temperature)	+40℃
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V
	LV (Low Voltage)	3.5 V
	HV (High Voltage)	4.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2022.05.19	2023.05.18
Power Sensor	ROHDE&SCHWARZ	NRP18S	102521	2022.03.09	2023.03.08
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2021.09.08	2022.09.07
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn (1-18 GHz)	SCHWARZBECK	BBHA 9120D	02460	2021.05.19	2024.05.08
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.08.16	2024.08.15
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.10.10	2022.10.09
Test Antenna-Bi-Log (30 MHz-1 GHz)	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Test Antenna-Loop (9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2021.10.10	2022.10.09
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	N/A	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	V19.8.28.435	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.

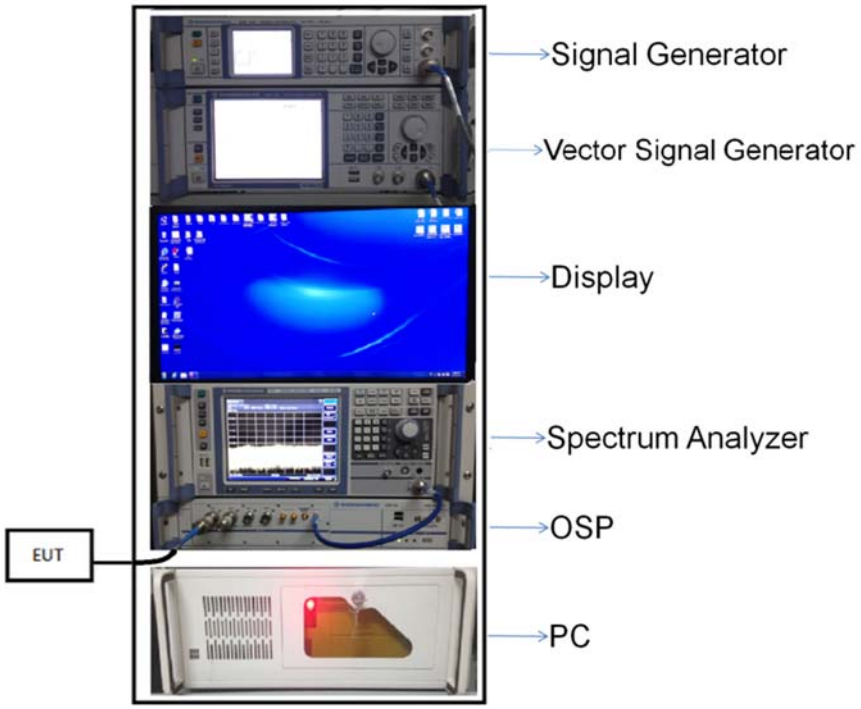
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

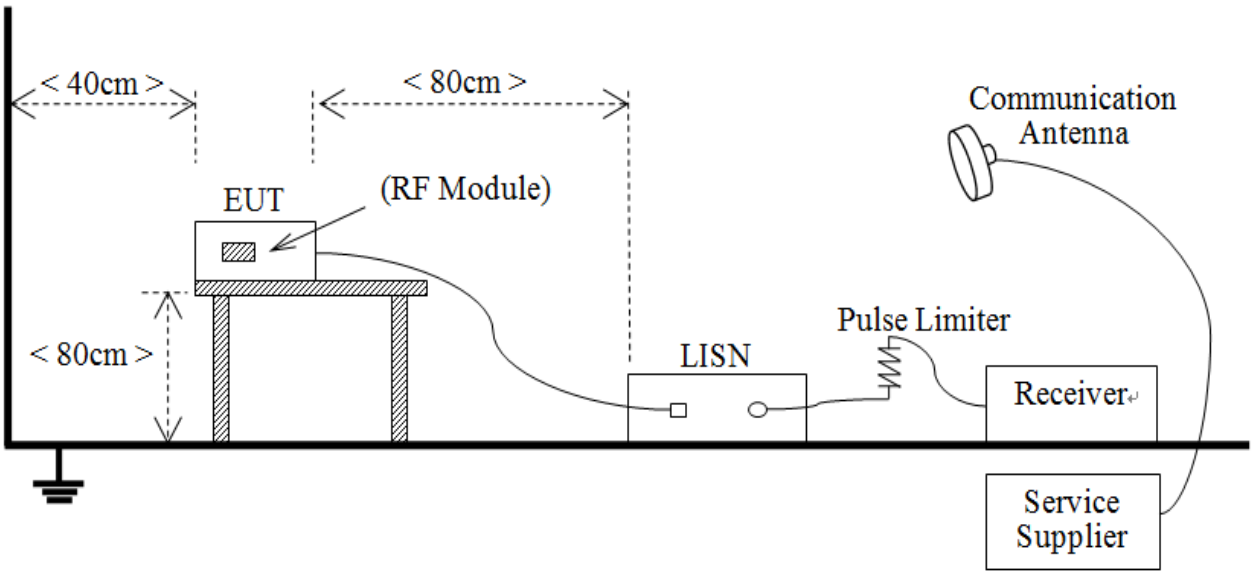
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



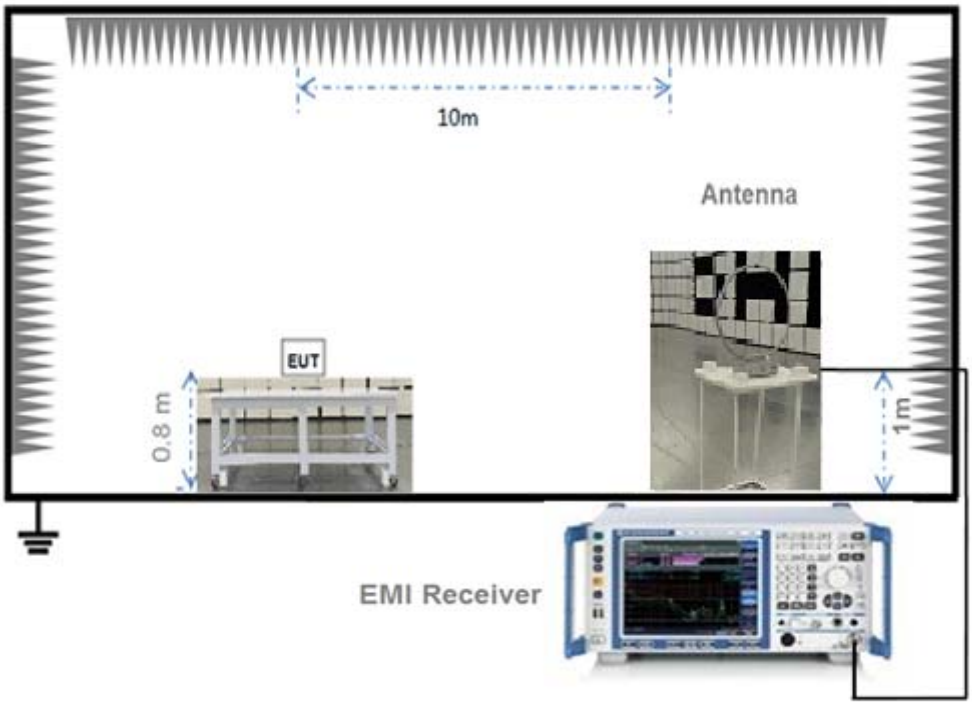
(Diagram 1)

4.5.2For AC Power Supply Port Test



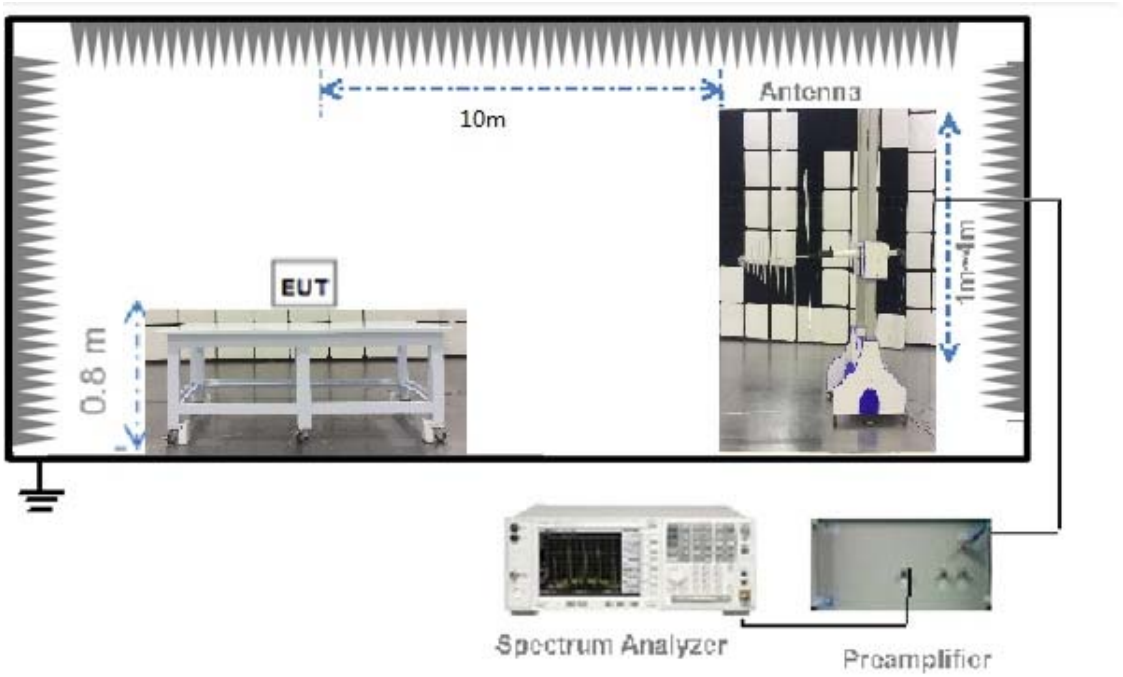
(Diagram 2)

4.5.3For Radiated Test (Below 30 MHz)



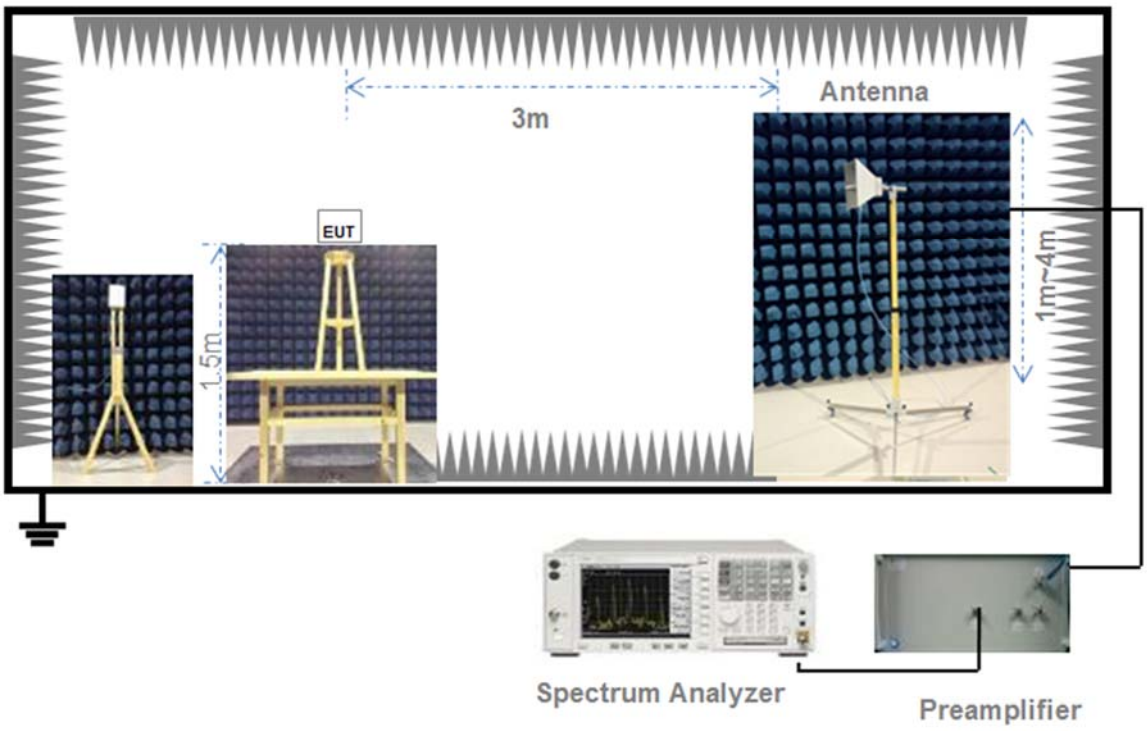
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

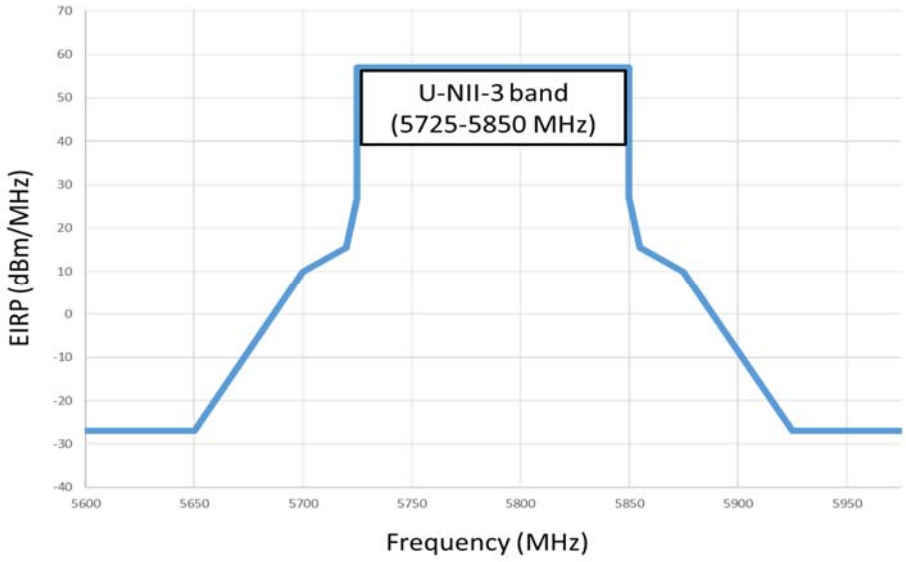
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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 B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) 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).

d) 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).

e) 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.

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

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

Electrotechnical Commission.

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB

averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.391	1.439	96.66%
11n (HT20)/11ac (VHT20)	1.310	1.353	96.82%
11n (HT40)/11ac (VHT40)	0.652	0.696	93.69%
11ac (VHT80)	0.324	0.368	88.04%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.22	13.24	250	Pass
11a	CH44	11.36	13.68	250	Pass
11a	CH48	11.38	13.74	250	Pass
11n (HT20)	CH36	10.38	10.91	250	Pass
11n (HT20)	CH44	10.16	10.38	250	Pass
11n (HT20)	CH48	10.17	10.40	250	Pass
11n (HT40)	CH38	10.40	10.96	250	Pass
11n (HT40)	CH46	10.24	10.57	250	Pass
11ac (VHT20)	CH36	9.37	8.65	250	Pass
11ac (VHT20)	CH44	9.41	8.73	250	Pass
11ac (VHT20)	CH48	9.11	8.15	250	Pass
11ac (VHT40)	CH38	9.42	8.75	250	Pass
11ac (VHT40)	CH46	9.15	8.22	250	Pass
11ac (VHT80)	CH42	9.39	8.69	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.41	13.84	250	Pass
11a	CH60	11.23	13.27	250	Pass
11a	CH64	11.28	13.43	250	Pass
11n (HT20)	CH52	10.30	10.72	250	Pass
11n (HT20)	CH60	10.35	10.84	250	Pass
11n (HT20)	CH64	10.31	10.74	250	Pass
11n (HT40)	CH54	10.31	10.74	250	Pass
11n (HT40)	CH62	10.40	10.96	250	Pass
11ac (VHT20)	CH52	9.19	8.30	250	Pass
11ac (VHT20)	CH60	9.30	8.51	250	Pass
11ac (VHT20)	CH64	9.29	8.49	250	Pass
11ac (VHT40)	CH54	9.30	8.51	250	Pass
11ac (VHT40)	CH62	9.07	8.07	250	Pass
11ac (VHT80)	CH58	9.31	8.53	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	9.27	8.45	250	Pass
11a	CH116	9.34	8.59	250	Pass
11a	CH140	9.20	8.32	250	Pass
11n (HT20)	CH100	8.42	6.95	250	Pass
11n (HT20)	CH116	8.39	6.90	250	Pass
11n (HT20)	CH140	8.36	6.85	250	Pass
11n (HT40)	CH102	8.44	6.98	250	Pass
11n (HT40)	CH118	8.34	6.82	250	Pass
11n (HT40)	CH134	8.38	6.89	250	Pass
11ac (VHT20)	CH100	7.35	5.43	250	Pass
11ac (VHT20)	CH116	7.29	5.36	250	Pass
11ac (VHT20)	CH140	7.19	5.24	250	Pass
11ac (VHT40)	CH102	7.31	5.38	250	Pass
11ac (VHT40)	CH118	7.47	5.58	250	Pass
11ac (VHT40)	CH134	7.46	5.57	250	Pass
11ac (VHT80)	CH106	7.42	5.52	250	Pass
11ac (VHT80)	CH122	7.30	5.37	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	7.63	5.79	1000	Pass
11a	CH157	7.84	6.08	1000	Pass
11a	CH165	7.42	5.52	1000	Pass
11n (HT20)	CH149	6.90	4.90	1000	Pass
11n (HT20)	CH157	6.66	4.63	1000	Pass
11n (HT20)	CH165	6.78	4.76	1000	Pass
11n (HT40)	CH151	6.74	4.72	1000	Pass
11n (HT40)	CH159	6.92	4.92	1000	Pass
11ac (VHT20)	CH149	5.70	3.72	1000	Pass
11ac (VHT20)	CH157	5.91	3.90	1000	Pass
11ac (VHT20)	CH165	5.86	3.85	1000	Pass
11ac (VHT40)	CH151	5.77	3.78	1000	Pass
11ac (VHT40)	CH159	5.52	3.56	1000	Pass
11ac (VHT80)	CH155	5.83	3.83	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2280108-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.11	16.49
11a	CH44	20.05	16.49
11a	CH48	20.07	16.48
11n (HT20)	CH36	20.31	17.57
11n (HT20)	CH44	20.41	17.58
11n (HT20)	CH48	20.44	17.56
11n (HT40)	CH38	40.70	36.04
11n (HT40)	CH46	40.44	35.97
11ac (VHT20)	CH36	20.37	17.58
11ac (VHT20)	CH44	20.43	17.56
11ac (VHT20)	CH48	20.30	17.56
11ac (VHT40)	CH38	40.59	36.01
11ac (VHT40)	CH46	40.55	35.96
11ac (VHT80)	CH42	81.30	75.22

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.11	16.47
11a	CH60	20.16	16.49
11a	CH64	20.16	16.49
11n (HT20)	CH52	20.34	17.56
11n (HT20)	CH60	20.37	17.58
11n (HT20)	CH64	20.38	17.57
11n (HT40)	CH54	40.71	36.00
11n (HT40)	CH62	40.57	35.98
11ac (VHT20)	CH52	20.34	17.58
11ac (VHT20)	CH60	20.41	17.58
11ac (VHT20)	CH64	20.37	17.57
11ac (VHT40)	CH54	40.55	36.00
11ac (VHT40)	CH62	40.55	36.02
11ac (VHT80)	CH58	81.26	75.19

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.07	16.49
11a	CH116	20.05	16.48
11a	CH140	20.15	16.50
11n (HT20)	CH100	20.35	17.56
11n (HT20)	CH116	20.43	17.57
11n (HT20)	CH140	20.35	17.59
11n (HT40)	CH102	40.61	36.03
11n (HT40)	CH118	40.54	35.98
11n (HT40)	CH134	40.63	36.01
11ac (VHT20)	CH100	20.37	17.59
11ac (VHT20)	CH116	20.38	17.57
11ac (VHT20)	CH140	20.33	17.57
11ac (VHT40)	CH102	40.65	36.02
11ac (VHT40)	CH118	40.45	36.00
11ac (VHT40)	CH134	40.75	36.00
11ac (VHT80)	CH106	81.40	75.24
11ac (VHT80)	CH122	81.07	75.06

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.96	16.47
11a	CH157	20.03	16.49
11a	CH165	20.11	16.48
11n (HT20)	CH149	20.31	17.59
11n (HT20)	CH157	20.39	17.59
11n (HT20)	CH165	20.37	17.59
11n (HT40)	CH151	40.55	35.97
11n (HT40)	CH159	40.97	36.09
11ac (VHT20)	CH149	20.30	17.56
11ac (VHT20)	CH157	20.39	17.59
11ac (VHT20)	CH165	20.32	17.58
11ac (VHT40)	CH151	40.39	35.97
11ac (VHT40)	CH159	40.88	36.09
11ac (VHT80)	CH155	81.20	75.38

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2280108-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.15	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.20	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.25	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2280104-604 Data Part 3.pdf”.
Note [2]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.
Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-0.05	11.00	Pass
11a	CH44	-0.39	11.00	Pass
11a	CH48	0.20	11.00	Pass
11n (HT20)	CH36	-0.72	11.00	Pass
11n (HT20)	CH44	-1.75	11.00	Pass
11n (HT20)	CH48	-1.11	11.00	Pass
11n (HT40)	CH38	-4.14	11.00	Pass
11n (HT40)	CH46	-4.30	11.00	Pass
11ac (VHT20)	CH36	-1.81	11.00	Pass
11ac (VHT20)	CH44	-2.33	11.00	Pass
11ac (VHT20)	CH48	-2.13	11.00	Pass
11ac (VHT40)	CH38	-5.08	11.00	Pass
11ac (VHT40)	CH46	-4.75	11.00	Pass
11ac (VHT80)	CH42	-8.56	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	0.66	11.00	Pass
11a	CH60	-0.13	11.00	Pass
11a	CH64	-0.16	11.00	Pass
11n (HT20)	CH52	-0.61	11.00	Pass
11n (HT20)	CH60	-1.00	11.00	Pass
11n (HT20)	CH64	-0.91	11.00	Pass
11n (HT40)	CH54	-3.88	11.00	Pass
11n (HT40)	CH62	-4.02	11.00	Pass
11ac (VHT20)	CH52	-1.82	11.00	Pass
11ac (VHT20)	CH60	-2.12	11.00	Pass
11ac (VHT20)	CH64	-2.06	11.00	Pass
11ac (VHT40)	CH54	-4.91	11.00	Pass
11ac (VHT40)	CH62	-5.03	11.00	Pass
11ac (VHT80)	CH58	-7.75	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-1.69	11.00	Pass
11a	CH116	-1.72	11.00	Pass
11a	CH140	-2.29	11.00	Pass
11n (HT20)	CH100	-2.48	11.00	Pass
11n (HT20)	CH116	-2.80	11.00	Pass
11n (HT20)	CH140	-3.62	11.00	Pass
11n (HT40)	CH102	-5.44	11.00	Pass
11n (HT40)	CH118	-5.76	11.00	Pass
11n (HT40)	CH134	-6.12	11.00	Pass
11ac (VHT20)	CH100	-3.46	11.00	Pass
11ac (VHT20)	CH116	-3.77	11.00	Pass
11ac (VHT20)	CH140	-4.60	11.00	Pass
11ac (VHT40)	CH102	-6.47	11.00	Pass
11ac (VHT40)	CH118	-6.81	11.00	Pass
11ac (VHT40)	CH134	-7.06	11.00	Pass
11ac (VHT80)	CH106	-9.54	11.00	Pass
11ac (VHT80)	CH122	-9.42	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-6.46	30.00	Pass
11a	CH157	-7.53	30.00	Pass
11a	CH165	-6.01	30.00	Pass
11n (HT20)	CH149	-7.20	30.00	Pass
11n (HT20)	CH157	-9.02	30.00	Pass
11n (HT20)	CH165	-7.04	30.00	Pass
11n (HT40)	CH151	-10.66	30.00	Pass
11n (HT40)	CH159	-11.25	30.00	Pass
11ac (VHT20)	CH149	-8.35	30.00	Pass
11ac (VHT20)	CH157	-9.47	30.00	Pass
11ac (VHT20)	CH165	-8.30	30.00	Pass
11ac (VHT40)	CH151	-11.58	30.00	Pass
11ac (VHT40)	CH159	-12.45	30.00	Pass
11ac (VHT80)	CH155	-15.25	30.00	Pass

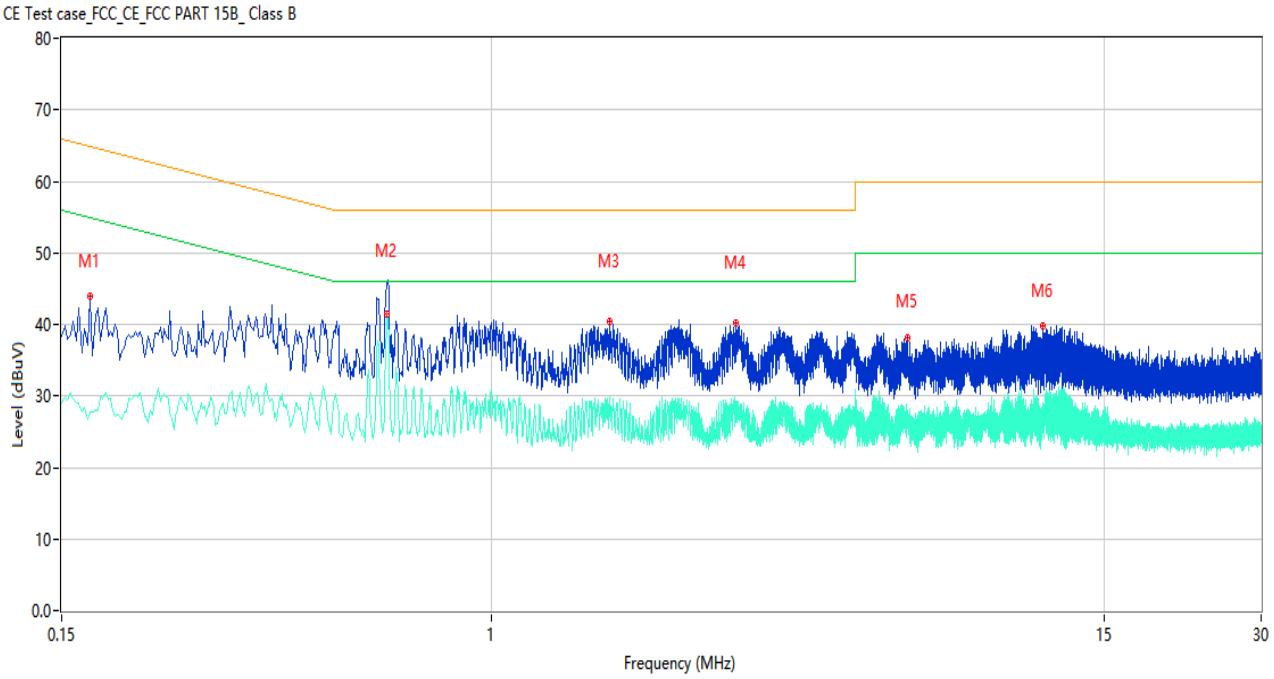
A.5 Conducted Emissions

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

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

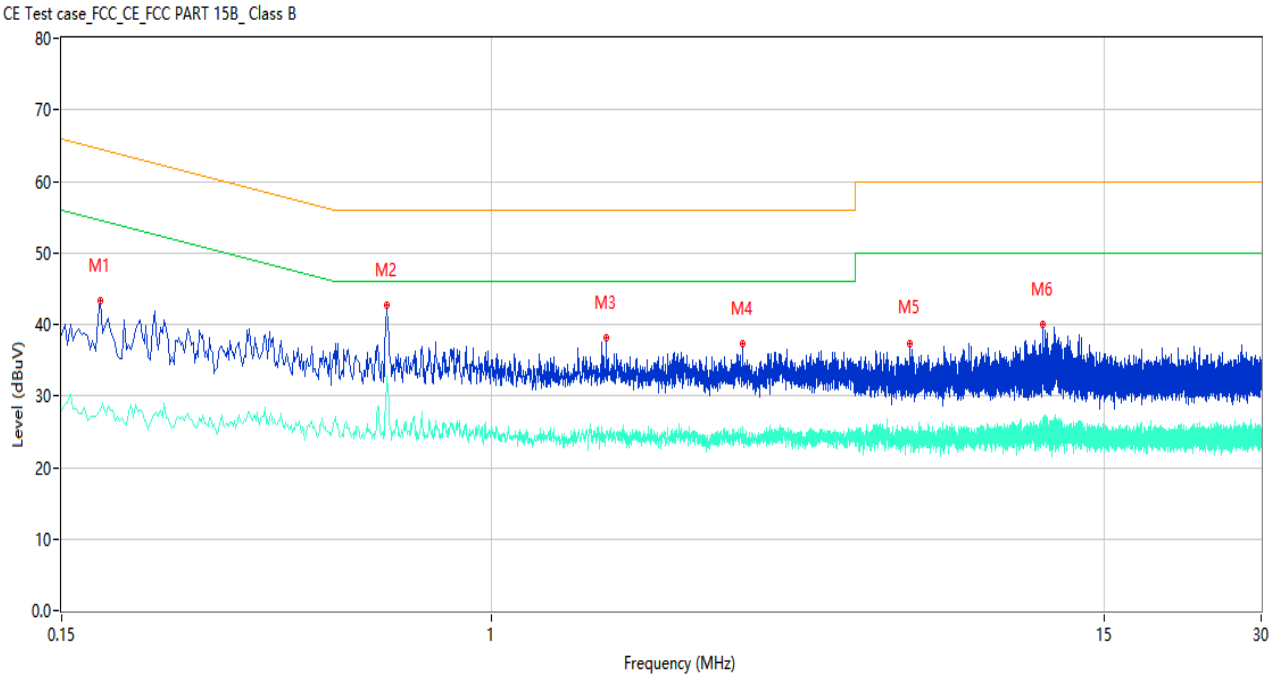
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.170	44.00	10.08	64.96	-20.96	Peak	L	Pass
1**	0.170	27.80	10.08	54.96	-27.16	AV	L	Pass
2	0.632	46.03	10.36	56.00	-9.97	Peak	L	Pass
2**	0.632	41.36	10.36	46.00	-4.64	AV	L	Pass
3	1.688	40.41	10.24	56.00	-15.59	Peak	L	Pass
3**	1.688	29.38	10.24	46.00	-16.62	AV	L	Pass
4	2.946	40.22	10.26	56.00	-15.78	Peak	L	Pass
4**	2.946	29.07	10.26	46.00	-16.93	AV	L	Pass
5	6.286	38.13	10.26	60.00	-21.87	Peak	L	Pass
5**	6.286	26.31	10.26	50.00	-23.69	AV	L	Pass
6	11.458	39.88	10.38	60.00	-20.12	Peak	L	Pass
6**	11.458	27.25	10.38	50.00	-22.75	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	43.39	10.07	64.58	-21.19	Peak	N	Pass
1**	0.178	28.00	10.07	54.58	-26.58	AV	N	Pass
2	0.632	42.60	10.36	56.00	-13.40	Peak	N	Pass
2**	0.632	32.66	10.36	46.00	-13.34	AV	N	Pass
3	1.662	38.06	10.09	56.00	-17.94	Peak	N	Pass
3**	1.662	25.05	10.09	46.00	-20.95	AV	N	Pass
4	3.038	37.35	10.20	56.00	-18.65	Peak	N	Pass
4**	3.038	25.63	10.20	46.00	-20.37	AV	N	Pass
5	6.346	37.21	10.13	60.00	-22.79	Peak	N	Pass
5**	6.346	25.10	10.13	50.00	-24.90	AV	N	Pass
6	11.418	39.96	10.49	60.00	-20.04	Peak	N	Pass
6**	11.418	26.93	10.49	50.00	-23.07	AV	N	Pass

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

Test Data

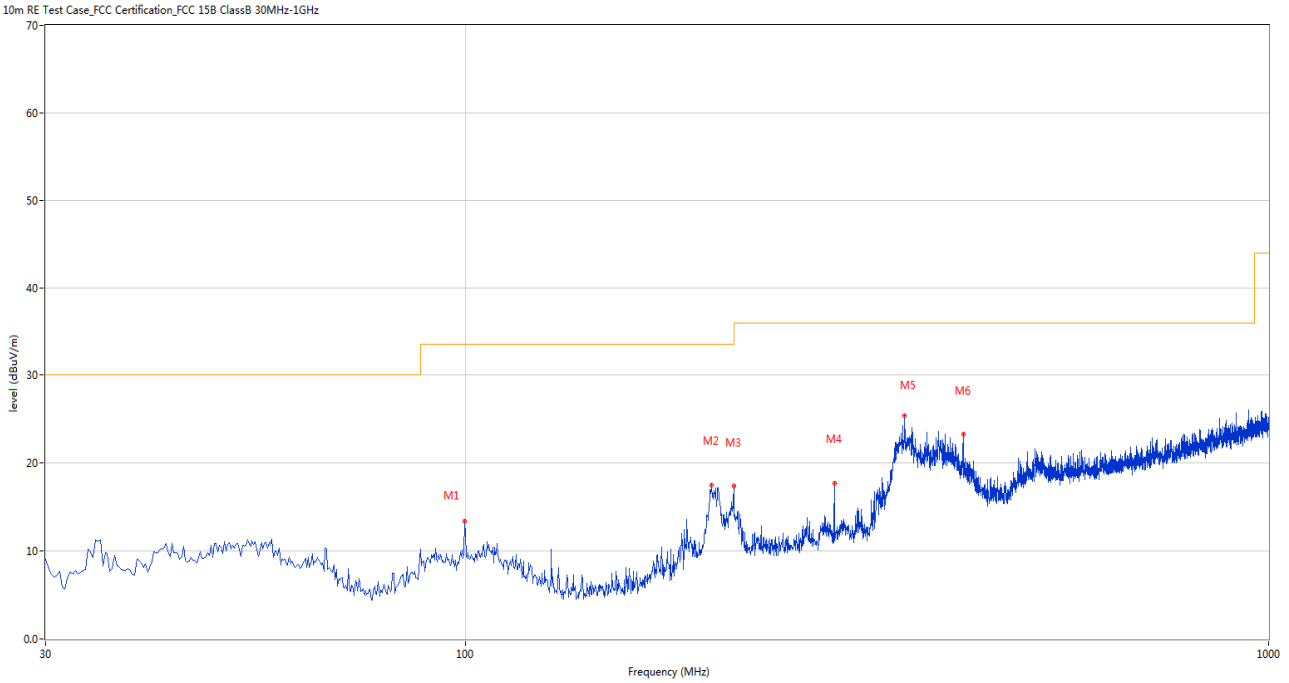
Note [1]: The symbol of "--" in the table which means not application.

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

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

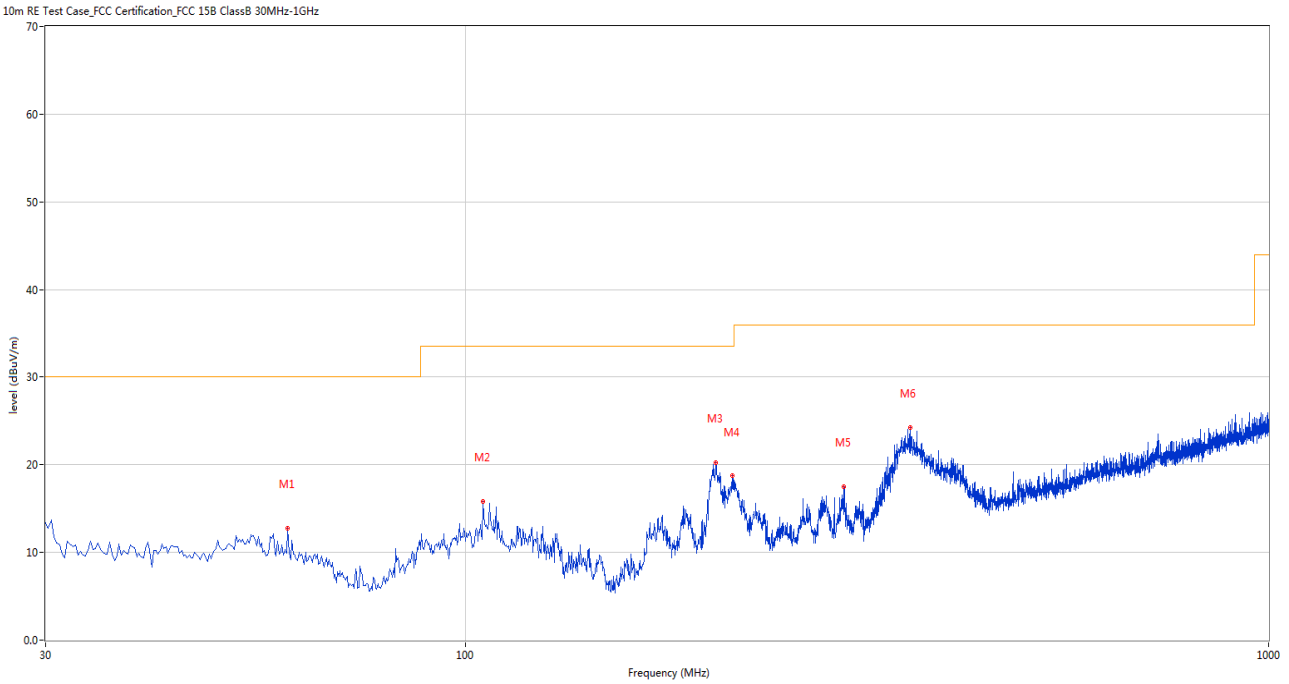
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	99.823	13.35	-27.98	33.5	-20.15	Peak	360.00	200	Horizontal	Pass
2	202.374	17.49	-27.64	33.5	-16.01	Peak	109.00	200	Horizontal	Pass
3	215.709	17.36	-27.83	33.5	-16.14	Peak	305.00	200	Horizontal	Pass
4	287.956	17.73	-25.19	36.0	-18.27	Peak	204.00	200	Horizontal	Pass
5	351.960	25.37	-23.50	36.0	-10.63	Peak	270.00	200	Horizontal	Pass
6	416.448	23.21	-21.98	36.0	-12.79	Peak	260.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	60.062	12.75	-27.74	30.0	-17.25	Peak	156.00	100	Vertical	Pass
2	105.156	15.79	-27.75	33.5	-17.71	Peak	287.00	100	Vertical	Pass
3	205.041	20.22	-27.92	33.5	-13.28	Peak	272.00	100	Vertical	Pass
4	214.739	18.76	-27.87	33.5	-14.74	Peak	221.00	100	Vertical	Pass
5	295.714	17.50	-25.16	36.0	-18.50	Peak	242.00	100	Vertical	Pass
6	357.536	24.22	-23.33	36.0	-11.78	Peak	252.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.500	37.76	-17.34	74.0	-36.24	Peak	233.00	100	Horizontal	Pass
1**	1457.500	28.12	-17.34	54.0	-25.88	AV	233.00	100	Horizontal	Pass
2	4358.000	47.69	-4.14	74.0	-26.31	Peak	9.00	400	Horizontal	Pass
2**	4358.000	37.99	-4.14	54.0	-16.01	AV	9.00	400	Horizontal	Pass
3	5178.500	103.73	-2.29	--	--	Peak	78.00	200	Horizontal	N/A
3**	5178.500	96.36	-2.29	--	--	AV	78.00	200	Horizontal	N/A
4	7450.250	52.63	0.68	74.0	-21.37	Peak	360.00	200	Horizontal	Pass
4**	7450.250	43.28	0.68	54.0	-10.72	AV	360.00	200	Horizontal	Pass
5	12655.475	49.69	-2.30	74.0	-24.31	Peak	56.00	200	Horizontal	Pass
5**	12655.475	40.20	-2.30	54.0	-13.80	AV	56.00	200	Horizontal	Pass
6	16165.650	51.43	-0.46	74.0	-22.57	Peak	129.00	100	Horizontal	Pass
6**	16165.650	41.69	-0.46	54.0	-12.31	AV	129.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.700	37.98	-17.48	74.0	-36.02	Peak	175.00	400	Vertical	Pass
1**	1585.700	28.66	-17.48	54.0	-25.34	AV	175.00	400	Vertical	Pass
2	4325.250	47.44	-4.96	74.0	-26.56	Peak	139.00	400	Vertical	Pass
2**	4325.250	37.31	-4.96	54.0	-16.69	AV	139.00	400	Vertical	Pass
3	5181.000	89.81	-2.18	--	--	Peak	217.00	150	Vertical	N/A
3**	5181.000	82.28	-2.18	--	--	AV	217.00	150	Vertical	N/A
4	7476.250	52.71	0.53	74.0	-21.29	Peak	236.00	200	Vertical	Pass
4**	7476.250	43.31	0.53	54.0	-10.69	AV	236.00	200	Vertical	Pass
5	12430.562	49.33	-2.45	74.0	-24.67	Peak	153.00	150	Vertical	Pass
5**	12430.562	39.87	-2.45	54.0	-14.13	AV	153.00	150	Vertical	Pass
6	16147.800	51.16	-0.49	74.0	-22.84	Peak	97.00	300	Vertical	Pass
6**	16147.800	41.97	-0.49	54.0	-12.03	AV	97.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	37.55	-17.29	74.0	-36.45	Peak	224.00	300	Horizontal	Pass
1**	1499.800	28.26	-17.29	54.0	-25.74	AV	224.00	300	Horizontal	Pass
2	4899.500	48.82	-3.50	74.0	-25.18	Peak	122.00	200	Horizontal	Pass
2**	4899.500	40.04	-3.50	54.0	-13.96	AV	122.00	200	Horizontal	Pass
3	5218.500	103.25	-3.47	--	--	Peak	97.00	400	Horizontal	N/A
3**	5218.500	96.26	-3.47	--	--	AV	97.00	400	Horizontal	N/A
4	7463.750	53.22	0.97	74.0	-20.78	Peak	8.00	200	Horizontal	Pass
4**	7463.750	43.20	0.97	54.0	-10.80	AV	8.00	200	Horizontal	Pass
5	12388.763	49.36	-2.89	74.0	-24.64	Peak	285.00	200	Horizontal	Pass
5**	12388.763	38.58	-2.89	54.0	-15.42	AV	285.00	200	Horizontal	Pass
6	17307.001	52.79	2.00	68.2	-15.41	Peak	298.00	200	Horizontal	Pass
6**	17307.001	44.77	2.00	--	44.77	AV	298.00	200	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.900	37.61	-17.73	74.0	-36.39	Peak	270.00	300	Vertical	Pass
1**	1548.900	28.01	-17.73	54.0	-25.99	AV	270.00	300	Vertical	Pass
2	4298.500	47.56	-4.68	74.0	-26.44	Peak	192.00	100	Vertical	Pass
2**	4298.500	37.52	-4.68	54.0	-16.48	AV	192.00	100	Vertical	Pass
3	5217.750	89.22	-3.47	--	--	Peak	209.00	100	Vertical	N/A
3**	5217.750	82.16	-3.47	--	--	AV	209.00	100	Vertical	N/A
4	7472.000	52.52	0.76	74.0	-21.48	Peak	192.00	100	Vertical	Pass
4**	7472.000	43.19	0.76	54.0	-10.81	AV	192.00	100	Vertical	Pass
5	12437.925	48.77	-2.34	74.0	-25.23	Peak	190.00	100	Vertical	Pass
5**	12437.925	39.58	-2.34	54.0	-14.42	AV	190.00	100	Vertical	Pass
6	16169.850	50.88	-0.46	74.0	-23.12	Peak	300.00	100	Vertical	Pass
6**	16169.850	42.49	-0.46	54.0	-11.51	AV	300.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	37.82	-17.32	74.0	-36.18	Peak	121.00	100	Horizontal	Pass
1**	1500.500	28.59	-17.32	54.0	-25.41	AV	121.00	100	Horizontal	Pass
2	4314.000	47.56	-4.37	74.0	-26.44	Peak	331.00	100	Horizontal	Pass
2**	4314.000	38.38	-4.37	54.0	-15.62	AV	331.00	100	Horizontal	Pass
3	5238.250	103.41	-3.22	--	--	Peak	103.00	200	Horizontal	N/A
3**	5238.250	95.77	-3.22	--	--	AV	103.00	200	Horizontal	N/A
4	7538.000	52.31	0.53	74.0	-21.69	Peak	244.00	300	Horizontal	Pass
4**	7538.000	43.15	0.53	54.0	-10.85	AV	244.00	300	Horizontal	Pass
5	11451.588	49.30	-3.89	74.0	-24.70	Peak	166.00	100	Horizontal	Pass
5**	11451.588	40.52	-3.89	54.0	-13.48	AV	166.00	100	Horizontal	Pass
6	16161.450	51.52	-0.46	74.0	-22.48	Peak	78.00	200	Horizontal	Pass
6**	16161.450	43.02	-0.46	54.0	-10.98	AV	78.00	200	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.300	37.36	-17.27	74.0	-36.64	Peak	130.00	100	Vertical	Pass
1**	1449.300	27.81	-17.27	54.0	-26.19	AV	130.00	100	Vertical	Pass
2	4373.250	47.42	-4.25	74.0	-26.58	Peak	163.00	100	Vertical	Pass
2**	4373.250	37.72	-4.25	54.0	-16.28	AV	163.00	100	Vertical	Pass
3	5243.500	88.61	-3.60	--	--	Peak	215.00	200	Vertical	N/A
3**	5243.500	81.47	-3.60	--	--	AV	215.00	200	Vertical	N/A
4	7454.250	52.54	1.15	74.0	-21.46	Peak	224.00	300	Vertical	Pass
4**	7454.250	44.20	1.15	54.0	-9.80	AV	224.00	300	Vertical	Pass
5	12434.362	48.73	-2.39	74.0	-25.27	Peak	310.00	150	Vertical	Pass
5**	12434.362	40.97	-2.39	54.0	-13.03	AV	310.00	150	Vertical	Pass
6	16027.837	51.48	-0.12	74.0	-22.52	Peak	247.00	100	Vertical	Pass
6**	16027.837	41.30	-0.12	54.0	-12.70	AV	247.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.400	37.70	-17.26	74.0	-36.30	Peak	217.00	100	Horizontal	Pass
1**	1617.400	28.47	-17.26	54.0	-25.53	AV	217.00	100	Horizontal	Pass
2	4258.500	47.53	-4.57	74.0	-26.47	Peak	149.00	400	Horizontal	Pass
2**	4258.500	37.75	-4.57	54.0	-16.25	AV	149.00	400	Horizontal	Pass
3	5178.500	102.89	-2.29	--	--	Peak	98.00	100	Horizontal	N/A
3**	5178.500	95.23	-2.29	--	--	AV	98.00	100	Horizontal	N/A
4	7455.000	52.29	1.17	74.0	-21.71	Peak	106.00	200	Horizontal	Pass
4**	7455.000	43.09	1.17	54.0	-10.91	AV	106.00	200	Horizontal	Pass
5	12527.462	49.25	-2.28	74.0	-24.75	Peak	7.00	200	Horizontal	Pass
5**	12527.462	39.12	-2.28	54.0	-14.88	AV	7.00	200	Horizontal	Pass
6	16056.713	51.38	-0.22	74.0	-22.62	Peak	74.00	200	Horizontal	Pass
6**	16056.713	41.70	-0.22	54.0	-12.30	AV	74.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	37.59	-17.29	74.0	-36.41	Peak	133.00	100	Vertical	Pass
1**	1498.700	28.68	-17.29	54.0	-25.32	AV	133.00	100	Vertical	Pass
2	4307.500	46.87	-4.16	74.0	-27.13	Peak	183.00	100	Vertical	Pass
2**	4307.500	37.92	-4.16	54.0	-16.08	AV	183.00	100	Vertical	Pass
3	5178.500	88.36	-2.29	--	--	Peak	200.00	150	Vertical	N/A
3**	5178.500	79.88	-2.29	--	--	AV	200.00	150	Vertical	N/A
4	7515.250	52.33	0.86	74.0	-21.67	Peak	69.00	300	Vertical	Pass
4**	7515.250	43.15	0.86	54.0	-10.85	AV	69.00	300	Vertical	Pass
5	12445.050	48.88	-2.23	74.0	-25.12	Peak	106.00	200	Vertical	Pass
5**	12445.050	39.92	-2.23	54.0	-14.08	AV	106.00	200	Vertical	Pass
6	16044.375	51.69	-0.11	74.0	-22.31	Peak	108.00	400	Vertical	Pass
6**	16044.375	42.07	-0.11	54.0	-11.93	AV	108.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.500	37.75	-17.42	74.0	-36.25	Peak	11.00	200	Horizontal	Pass
1**	1508.500	27.40	-17.42	54.0	-26.60	AV	11.00	200	Horizontal	Pass
2	4382.750	47.24	-3.95	74.0	-26.76	Peak	356.00	200	Horizontal	Pass
2**	4382.750	38.32	-3.95	54.0	-15.68	AV	356.00	200	Horizontal	Pass
3	5221.250	101.95	-3.37	--	--	Peak	69.00	150	Horizontal	N/A
3**	5221.250	94.64	-3.37	--	--	AV	69.00	150	Horizontal	N/A
4	7462.500	52.70	1.09	74.0	-21.30	Peak	1.00	300	Horizontal	Pass
4**	7462.500	43.55	1.09	54.0	-10.45	AV	1.00	300	Horizontal	Pass
5	12689.912	48.67	-2.33	74.0	-25.33	Peak	176.00	200	Horizontal	Pass
5**	12689.912	38.96	-2.33	54.0	-15.04	AV	176.00	200	Horizontal	Pass
6	16164.338	51.38	-0.46	74.0	-22.62	Peak	298.00	400	Horizontal	Pass
6**	16164.338	43.00	-0.46	54.0	-11.00	AV	298.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.000	38.12	-17.57	74.0	-35.88	Peak	80.00	300	Vertical	Pass
1**	1456.000	28.38	-17.57	54.0	-25.62	AV	80.00	300	Vertical	Pass
2	4358.750	47.50	-4.14	74.0	-26.50	Peak	59.00	400	Vertical	Pass
2**	4358.750	38.56	-4.14	54.0	-15.44	AV	59.00	400	Vertical	Pass
3	5222.750	89.31	-3.46	--	--	Peak	209.00	100	Vertical	N/A
3**	5222.750	80.82	-3.46	--	--	AV	209.00	100	Vertical	N/A
4	7455.750	53.45	1.15	74.0	-20.55	Peak	173.00	300	Vertical	Pass
4**	7455.750	43.41	1.15	54.0	-10.59	AV	173.00	300	Vertical	Pass
5	12437.213	49.32	-2.35	74.0	-24.68	Peak	117.00	200	Vertical	Pass
5**	12437.213	39.75	-2.35	54.0	-14.25	AV	117.00	200	Vertical	Pass
6	16195.049	51.16	-0.44	74.0	-22.84	Peak	350.00	200	Vertical	Pass
6**	16195.049	42.18	-0.44	54.0	-11.82	AV	350.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.800	37.88	-17.26	74.0	-36.12	Peak	167.00	400	Horizontal	Pass
1**	1441.800	28.13	-17.26	54.0	-25.87	AV	167.00	400	Horizontal	Pass
2	4285.750	47.36	-4.62	74.0	-26.64	Peak	183.00	200	Horizontal	Pass
2**	4285.750	38.01	-4.62	54.0	-15.99	AV	183.00	200	Horizontal	Pass
3	5236.500	101.57	-3.30	--	--	Peak	69.00	150	Horizontal	N/A
3**	5236.500	94.17	-3.30	--	--	AV	69.00	150	Horizontal	N/A
4	7700.250	52.21	1.71	74.0	-21.79	Peak	192.00	400	Horizontal	Pass
4**	7700.250	43.77	1.71	54.0	-10.23	AV	192.00	400	Horizontal	Pass
5	12451.700	49.87	-2.16	74.0	-24.13	Peak	217.00	100	Horizontal	Pass
5**	12451.700	40.01	-2.16	54.0	-13.99	AV	217.00	100	Horizontal	Pass
6	16167.750	51.52	-0.46	74.0	-22.48	Peak	351.00	300	Horizontal	Pass
6**	16167.750	42.03	-0.46	54.0	-11.97	AV	351.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.200	38.06	-17.49	74.0	-35.94	Peak	324.00	300	Vertical	Pass
1**	1515.200	28.21	-17.49	54.0	-25.79	AV	324.00	300	Vertical	Pass
2	4247.500	47.34	-5.25	74.0	-26.66	Peak	163.00	300	Vertical	Pass
2**	4247.500	37.76	-5.25	54.0	-16.24	AV	163.00	300	Vertical	Pass
3	5237.750	86.97	-3.24	--	--	Peak	215.00	200	Vertical	N/A
3**	5237.750	79.57	-3.24	--	--	AV	215.00	200	Vertical	N/A
4	7467.500	52.37	0.88	74.0	-21.63	Peak	207.00	100	Vertical	Pass
4**	7467.500	43.38	0.88	54.0	-10.62	AV	207.00	100	Vertical	Pass
5	12424.625	48.92	-2.54	74.0	-25.08	Peak	153.00	150	Vertical	Pass
5**	12424.625	39.82	-2.54	54.0	-14.18	AV	153.00	150	Vertical	Pass
6	15462.674	50.80	-0.31	74.0	-23.20	Peak	332.00	200	Vertical	Pass
6**	15462.674	41.65	-0.31	54.0	-12.35	AV	332.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.800	37.94	-17.38	74.0	-36.06	Peak	75.00	200	Horizontal	Pass
1**	1495.800	28.26	-17.38	54.0	-25.74	AV	75.00	200	Horizontal	Pass
2	4312.000	46.94	-4.28	74.0	-27.06	Peak	266.00	100	Horizontal	Pass
2**	4312.000	37.90	-4.28	54.0	-16.10	AV	266.00	100	Horizontal	Pass
3	5192.000	100.41	-2.75	--	--	Peak	68.00	150	Horizontal	N/A
3**	5192.000	92.97	-2.75	--	--	AV	68.00	150	Horizontal	N/A
4	7462.000	52.50	1.11	74.0	-21.50	Peak	129.00	200	Horizontal	Pass
4**	7462.000	43.98	1.11	54.0	-10.02	AV	129.00	200	Horizontal	Pass
5	12448.375	49.84	-2.18	74.0	-24.16	Peak	202.00	150	Horizontal	Pass
5**	12448.375	39.67	-2.18	54.0	-14.33	AV	202.00	150	Horizontal	Pass
6	16025.213	51.21	-0.13	74.0	-22.79	Peak	217.00	200	Horizontal	Pass
6**	16025.213	42.26	-0.13	54.0	-11.74	AV	217.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	37.78	-17.88	74.0	-36.22	Peak	266.00	400	Vertical	Pass
1**	1540.800	27.86	-17.88	54.0	-26.14	AV	266.00	400	Vertical	Pass
2	4253.750	47.64	-4.91	74.0	-26.36	Peak	190.00	100	Vertical	Pass
2**	4253.750	37.42	-4.91	54.0	-16.58	AV	190.00	100	Vertical	Pass
3	5187.750	88.04	-2.50	--	--	Peak	215.00	200	Vertical	N/A
3**	5187.750	80.29	-2.50	--	--	AV	215.00	200	Vertical	N/A
4	7455.250	52.52	1.16	74.0	-21.48	Peak	360.00	100	Vertical	Pass
4**	7455.250	44.60	1.16	54.0	-9.40	AV	360.00	100	Vertical	Pass
5	12445.763	49.01	-2.22	74.0	-24.99	Peak	188.00	100	Vertical	Pass
5**	12445.763	39.90	-2.22	54.0	-14.10	AV	188.00	100	Vertical	Pass
6	16169.588	51.18	-0.46	74.0	-22.82	Peak	350.00	200	Vertical	Pass
6**	16169.588	42.06	-0.46	54.0	-11.94	AV	350.00	200	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.200	37.96	-17.31	74.0	-36.04	Peak	285.00	400	Horizontal	Pass
1**	1448.200	27.77	-17.31	54.0	-26.23	AV	285.00	400	Horizontal	Pass
2	4272.500	47.73	-4.94	74.0	-26.27	Peak	253.00	100	Horizontal	Pass
2**	4272.500	38.10	-4.94	54.0	-15.90	AV	253.00	100	Horizontal	Pass
3	5232.750	98.88	-3.32	--	--	Peak	95.00	100	Horizontal	N/A
3**	5232.750	92.10	-3.32	--	--	AV	95.00	100	Horizontal	N/A
4	7734.000	52.33	-0.41	74.0	-21.67	Peak	42.00	100	Horizontal	Pass
4**	7734.000	42.34	-0.41	54.0	-11.66	AV	42.00	100	Horizontal	Pass
5	12670.200	48.77	-2.31	74.0	-25.23	Peak	224.00	100	Horizontal	Pass
5**	12670.200	39.96	-2.31	54.0	-14.04	AV	224.00	100	Horizontal	Pass
6	16174.050	51.41	-0.45	74.0	-22.59	Peak	129.00	100	Horizontal	Pass
6**	16174.050	42.24	-0.45	54.0	-11.76	AV	129.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.500	38.47	-17.28	74.0	-35.53	Peak	75.00	100	Vertical	Pass
1**	1480.500	28.38	-17.28	54.0	-25.62	AV	75.00	100	Vertical	Pass
2	4245.500	47.45	-5.05	74.0	-26.55	Peak	200.00	200	Vertical	Pass
2**	4245.500	37.99	-5.05	54.0	-16.01	AV	200.00	200	Vertical	Pass
3	5227.750	85.66	-3.63	--	--	Peak	217.00	100	Vertical	N/A
3**	5227.750	77.89	-3.63	--	--	AV	217.00	100	Vertical	N/A
4	7464.500	52.78	0.86	74.0	-21.22	Peak	242.00	400	Vertical	Pass
4**	7464.500	43.95	0.86	54.0	-10.05	AV	242.00	400	Vertical	Pass
5	12680.651	49.42	-2.32	74.0	-24.58	Peak	141.00	200	Vertical	Pass
5**	12680.651	40.53	-2.32	54.0	-13.47	AV	141.00	200	Vertical	Pass
6	16144.650	51.04	-0.52	74.0	-22.96	Peak	163.00	300	Vertical	Pass
6**	16144.650	41.38	-0.52	54.0	-12.62	AV	163.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.300	37.66	-17.42	74.0	-36.34	Peak	6.00	100	Horizontal	Pass
1**	1513.300	28.72	-17.42	54.0	-25.28	AV	6.00	100	Horizontal	Pass
2	4362.250	47.43	-4.23	74.0	-26.57	Peak	356.00	400	Horizontal	Pass
2**	4362.250	38.18	-4.23	54.0	-15.82	AV	356.00	400	Horizontal	Pass
3	5182.250	101.59	-2.11	--	--	Peak	103.00	150	Horizontal	N/A
3**	5182.250	94.34	-2.11	--	--	AV	103.00	150	Horizontal	N/A
4	7514.250	52.20	0.77	74.0	-21.80	Peak	122.00	200	Horizontal	Pass
4**	7514.250	43.73	0.77	54.0	-10.27	AV	122.00	200	Horizontal	Pass
5	12666.637	49.43	-2.31	74.0	-24.57	Peak	0.00	200	Horizontal	Pass
5**	12666.637	40.30	-2.31	54.0	-13.70	AV	0.00	200	Horizontal	Pass
6	16196.625	51.96	-0.44	74.0	-22.04	Peak	97.00	300	Horizontal	Pass
6**	16196.625	42.05	-0.44	54.0	-11.95	AV	97.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.300	37.81	-17.66	74.0	-36.19	Peak	153.00	300	Vertical	Pass
1**	1534.300	27.86	-17.66	54.0	-26.14	AV	153.00	300	Vertical	Pass
2	4270.500	47.36	-4.87	74.0	-26.64	Peak	105.00	100	Vertical	Pass
2**	4270.500	39.12	-4.87	54.0	-14.88	AV	105.00	100	Vertical	Pass
3	5181.000	88.02	-2.18	--	--	Peak	209.00	100	Vertical	N/A
3**	5181.000	80.28	-2.18	--	--	AV	209.00	100	Vertical	N/A
4	7447.000	52.29	0.43	74.0	-21.71	Peak	35.00	200	Vertical	Pass
4**	7447.000	42.70	0.43	54.0	-11.30	AV	35.00	200	Vertical	Pass
5	11454.675	48.77	-3.91	74.0	-25.23	Peak	139.00	200	Vertical	Pass
5**	11454.675	40.08	-3.91	54.0	-13.92	AV	139.00	200	Vertical	Pass
6	15810.750	50.78	-0.73	74.0	-23.22	Peak	334.00	100	Vertical	Pass
6**	15810.750	40.79	-0.73	54.0	-13.21	AV	334.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.200	37.66	-17.62	74.0	-36.34	Peak	9.00	300	Horizontal	Pass
1**	1520.200	28.11	-17.62	54.0	-25.89	AV	9.00	300	Horizontal	Pass
2	4255.750	47.22	-4.80	74.0	-26.78	Peak	217.00	100	Horizontal	Pass
2**	4255.750	38.80	-4.80	54.0	-15.20	AV	217.00	100	Horizontal	Pass
3	5219.000	101.21	-3.47	--	--	Peak	78.00	150	Horizontal	N/A
3**	5219.000	94.29	-3.47	--	--	AV	78.00	150	Horizontal	N/A
4	7451.500	52.61	0.83	74.0	-21.39	Peak	200.00	300	Horizontal	Pass
4**	7451.500	44.46	0.83	54.0	-9.54	AV	200.00	300	Horizontal	Pass
5	12411.325	49.04	-2.74	74.0	-24.96	Peak	0.00	150	Horizontal	Pass
5**	12411.325	39.39	-2.74	54.0	-14.61	AV	0.00	150	Horizontal	Pass
6	16103.175	51.58	-0.95	74.0	-22.42	Peak	113.00	200	Horizontal	Pass
6**	16103.175	41.03	-0.95	54.0	-12.97	AV	113.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.300	37.71	-17.37	74.0	-36.29	Peak	45.00	200	Vertical	Pass
1**	1509.300	28.45	-17.37	54.0	-25.55	AV	45.00	200	Vertical	Pass
2	4220.250	47.02	-5.61	74.0	-26.98	Peak	268.00	300	Vertical	Pass
2**	4220.250	37.55	-5.61	54.0	-16.45	AV	268.00	300	Vertical	Pass
3	5222.250	86.95	-3.43	--	--	Peak	226.00	150	Vertical	N/A
3**	5222.250	80.33	-3.43	--	--	AV	226.00	150	Vertical	N/A
4	7514.750	52.78	0.81	74.0	-21.22	Peak	207.00	400	Vertical	Pass
4**	7514.750	43.79	0.81	54.0	-10.21	AV	207.00	400	Vertical	Pass
5	12670.200	50.00	-2.31	74.0	-24.00	Peak	360.00	150	Vertical	Pass
5**	12670.200	40.54	-2.31	54.0	-13.46	AV	360.00	150	Vertical	Pass
6	16148.062	51.09	-0.49	74.0	-22.91	Peak	203.00	400	Vertical	Pass
6**	16148.062	42.68	-0.49	54.0	-11.32	AV	203.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.500	37.08	-17.47	74.0	-36.92	Peak	307.00	300	Horizontal	Pass
1**	1607.500	27.51	-17.47	54.0	-26.49	AV	307.00	300	Horizontal	Pass
2	4386.250	47.14	-4.04	74.0	-26.86	Peak	348.00	300	Horizontal	Pass
2**	4386.250	38.08	-4.04	54.0	-15.92	AV	348.00	300	Horizontal	Pass
3	5241.750	100.27	-3.45	--	--	Peak	95.00	200	Horizontal	N/A
3**	5241.750	92.81	-3.45	--	--	AV	95.00	200	Horizontal	N/A
4	7310.500	52.38	-1.09	74.0	-21.62	Peak	295.00	300	Horizontal	Pass
4**	7310.500	42.18	-1.09	54.0	-11.82	AV	295.00	300	Horizontal	Pass
5	12535.537	48.79	-2.23	74.0	-25.21	Peak	158.00	100	Horizontal	Pass
5**	12535.537	39.73	-2.23	54.0	-14.27	AV	158.00	100	Horizontal	Pass
6	16170.637	50.64	-0.46	74.0	-23.36	Peak	360.00	100	Horizontal	Pass
6**	16170.637	41.75	-0.46	54.0	-12.25	AV	360.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.800	37.63	-17.31	74.0	-36.37	Peak	295.00	300	Vertical	Pass
1**	1482.800	28.47	-17.31	54.0	-25.53	AV	295.00	300	Vertical	Pass
2	4328.250	47.44	-4.96	74.0	-26.56	Peak	115.00	200	Vertical	Pass
2**	4328.250	38.29	-4.96	54.0	-15.71	AV	115.00	200	Vertical	Pass
3	5238.750	86.99	-3.22	--	--	Peak	227.00	200	Vertical	N/A
3**	5238.750	79.58	-3.22	--	--	AV	227.00	200	Vertical	N/A
4	7567.250	53.32	0.00	74.0	-20.68	Peak	322.00	300	Vertical	Pass
4**	7567.250	43.39	0.00	54.0	-10.61	AV	322.00	300	Vertical	Pass
5	12293.763	48.69	-2.49	74.0	-25.31	Peak	263.00	150	Vertical	Pass
5**	12293.763	39.15	-2.49	54.0	-14.85	AV	263.00	150	Vertical	Pass
6	16177.200	51.04	-0.45	74.0	-22.96	Peak	284.00	400	Vertical	Pass
6**	16177.200	42.01	-0.45	54.0	-11.99	AV	284.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.100	38.24	-17.68	74.0	-35.76	Peak	33.00	100	Horizontal	Pass
1**	1461.100	28.07	-17.68	54.0	-25.93	AV	33.00	100	Horizontal	Pass
2	4376.500	47.90	-4.02	74.0	-26.10	Peak	125.00	200	Horizontal	Pass
2**	4376.500	38.27	-4.02	54.0	-15.73	AV	125.00	200	Horizontal	Pass
3	5188.000	99.43	-2.53	--	--	Peak	91.00	200	Horizontal	N/A
3**	5188.000	91.57	-2.53	--	--	AV	91.00	200	Horizontal	N/A
4	7454.500	52.29	1.17	74.0	-21.71	Peak	39.00	400	Horizontal	Pass
4**	7454.500	43.84	1.17	54.0	-10.16	AV	39.00	400	Horizontal	Pass
5	12669.250	48.84	-2.31	74.0	-25.16	Peak	189.00	200	Horizontal	Pass
5**	12669.250	40.04	-2.31	54.0	-13.96	AV	189.00	200	Horizontal	Pass
6	16077.975	50.98	-0.59	74.0	-23.02	Peak	198.00	300	Horizontal	Pass
6**	16077.975	41.01	-0.59	54.0	-12.99	AV	198.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.200	38.23	-17.43	74.0	-35.77	Peak	0.00	300	Vertical	Pass
1**	1472.200	28.34	-17.43	54.0	-25.66	AV	0.00	300	Vertical	Pass
2	7456.250	52.60	1.14	74.0	-21.40	Peak	181.00	100	Vertical	Pass
2**	7456.250	43.35	1.14	54.0	-10.65	AV	181.00	100	Vertical	Pass
3	4184.500	46.88	-4.86	74.0	-27.12	Peak	76.00	200	Vertical	Pass
3**	4184.500	37.63	-4.86	54.0	-16.37	AV	76.00	200	Vertical	Pass
4	5188.500	85.43	-2.57	--	--	Peak	207.00	400	Vertical	N/A
4**	5188.500	77.75	-2.57	--	--	AV	207.00	400	Vertical	N/A
5	12657.613	49.06	-2.30	74.0	-24.94	Peak	274.00	400	Vertical	Pass
5**	12657.613	39.53	-2.30	54.0	-14.47	AV	274.00	400	Vertical	Pass
6	15813.112	50.85	-0.73	74.0	-23.15	Peak	180.00	400	Vertical	Pass
6**	15813.112	41.39	-0.73	54.0	-12.61	AV	180.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.500	37.75	-17.71	74.0	-36.25	Peak	239.00	200	Horizontal	Pass
1**	1550.500	28.84	-17.71	54.0	-25.16	AV	239.00	200	Horizontal	Pass
2	4325.000	47.07	-4.96	74.0	-26.93	Peak	217.00	400	Horizontal	Pass
2**	4325.000	38.36	-4.96	54.0	-15.64	AV	217.00	400	Horizontal	Pass
3	5233.000	98.75	-3.30	--	--	Peak	76.00	150	Horizontal	N/A
3**	5233.000	91.30	-3.30	--	--	AV	76.00	150	Horizontal	N/A
4	7453.250	51.83	1.04	74.0	-22.17	Peak	181.00	400	Horizontal	Pass
4**	7453.250	43.80	1.04	54.0	-10.20	AV	181.00	400	Horizontal	Pass
5	12664.025	49.80	-2.31	74.0	-24.20	Peak	322.00	150	Horizontal	Pass
5**	12664.025	40.20	-2.31	54.0	-13.80	AV	322.00	150	Horizontal	Pass
6	16159.612	51.34	-0.46	74.0	-22.66	Peak	297.00	200	Horizontal	Pass
6**	16159.612	42.13	-0.46	54.0	-11.87	AV	297.00	200	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.300	37.68	-17.25	74.0	-36.32	Peak	97.00	400	Vertical	Pass
1**	1442.300	27.87	-17.25	54.0	-26.13	AV	97.00	400	Vertical	Pass
2	4325.000	47.50	-4.96	74.0	-26.50	Peak	164.00	200	Vertical	Pass
2**	4325.000	38.02	-4.96	54.0	-15.98	AV	164.00	200	Vertical	Pass
3	5232.750	85.75	-3.32	--	--	Peak	217.00	200	Vertical	N/A
3**	5232.750	78.32	-3.32	--	--	AV	217.00	200	Vertical	N/A
4	7455.750	52.04	1.15	74.0	-21.96	Peak	251.00	400	Vertical	Pass
4**	7455.750	43.55	1.15	54.0	-10.45	AV	251.00	400	Vertical	Pass
5	12442.200	48.79	-2.27	74.0	-25.21	Peak	360.00	100	Vertical	Pass
5**	12442.200	39.52	-2.27	54.0	-14.48	AV	360.00	100	Vertical	Pass
6	16155.412	51.37	-0.46	74.0	-22.63	Peak	131.00	300	Vertical	Pass
6**	16155.412	42.41	-0.46	54.0	-11.59	AV	131.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.000	38.05	-17.38	74.0	-35.95	Peak	126.00	100	Horizontal	Pass
1**	1504.000	29.30	-17.38	54.0	-24.70	AV	126.00	100	Horizontal	Pass
2	4307.000	47.40	-4.16	74.0	-26.60	Peak	252.00	200	Horizontal	Pass
2**	4307.000	38.35	-4.16	54.0	-15.65	AV	252.00	200	Horizontal	Pass
3	5203.000	95.58	-3.44	--	--	Peak	88.00	150	Horizontal	N/A
3**	5203.000	88.36	-3.44	--	--	AV	88.00	150	Horizontal	N/A
4	7466.750	52.59	0.88	74.0	-21.41	Peak	269.00	300	Horizontal	Pass
4**	7466.750	43.77	0.88	54.0	-10.23	AV	269.00	300	Horizontal	Pass
5	11536.612	48.93	-4.36	74.0	-25.07	Peak	275.00	100	Horizontal	Pass
5**	11536.612	38.83	-4.36	54.0	-15.17	AV	275.00	100	Horizontal	Pass
6	16167.487	51.83	-0.46	74.0	-22.17	Peak	164.00	200	Horizontal	Pass
6**	16167.487	41.88	-0.46	54.0	-12.12	AV	164.00	200	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.900	38.26	-17.69	74.0	-35.74	Peak	108.00	400	Vertical	Pass
1**	1563.900	27.86	-17.69	54.0	-26.14	AV	108.00	400	Vertical	Pass
2	4896.500	48.28	-3.45	74.0	-25.72	Peak	32.00	150	Vertical	Pass
2**	4896.500	39.23	-3.45	54.0	-14.77	AV	32.00	150	Vertical	Pass
3	5217.000	81.87	-3.46	--	--	Peak	208.00	400	Vertical	N/A
3**	5217.000	73.62	-3.46	--	--	AV	208.00	400	Vertical	N/A
4	7697.500	52.70	1.80	74.0	-21.30	Peak	276.00	100	Vertical	Pass
4**	7697.500	43.45	1.80	54.0	-10.55	AV	276.00	100	Vertical	Pass
5	12351.950	49.30	-2.83	74.0	-24.70	Peak	298.00	100	Vertical	Pass
5**	12351.950	38.25	-2.83	54.0	-15.75	AV	298.00	100	Vertical	Pass
6	16027.312	51.42	-0.12	74.0	-22.58	Peak	78.00	100	Vertical	Pass
6**	16027.312	41.58	-0.12	54.0	-12.42	AV	78.00	100	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.300	37.92	-17.38	74.0	-36.08	Peak	80.00	300	Horizontal	Pass
1**	1604.300	27.96	-17.38	54.0	-26.04	AV	80.00	300	Horizontal	Pass
2	4354.250	47.04	-4.36	74.0	-26.96	Peak	12.00	400	Horizontal	Pass
2**	4354.250	38.74	-4.36	54.0	-15.26	AV	12.00	400	Horizontal	Pass
3	5262.000	103.19	-3.77	--	--	Peak	92.00	100	Horizontal	N/A
3**	5262.000	96.21	-3.77	--	--	AV	92.00	100	Horizontal	N/A
4	7455.250	52.67	1.16	74.0	-21.33	Peak	228.00	400	Horizontal	Pass
4**	7455.250	43.95	1.16	54.0	-10.05	AV	228.00	400	Horizontal	Pass
5	11418.812	48.79	-4.08	74.0	-25.21	Peak	268.00	150	Horizontal	Pass
5**	11418.812	38.89	-4.08	54.0	-15.11	AV	268.00	150	Horizontal	Pass
6	16170.112	51.22	-0.46	74.0	-22.78	Peak	0.00	400	Horizontal	Pass
6**	16170.112	41.87	-0.46	54.0	-12.13	AV	0.00	400	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.000	37.58	-17.69	74.0	-36.42	Peak	183.00	200	Vertical	Pass
1**	1564.000	28.94	-17.69	54.0	-25.06	AV	183.00	200	Vertical	Pass
2	4328.750	48.20	-4.96	74.0	-25.80	Peak	4.00	100	Vertical	Pass
2**	4328.750	38.28	-4.96	54.0	-15.72	AV	4.00	100	Vertical	Pass
3	5258.500	90.16	-3.84	--	--	Peak	227.00	100	Vertical	N/A
3**	5258.500	82.18	-3.84	--	--	AV	227.00	100	Vertical	N/A
4	7463.750	53.06	0.97	74.0	-20.94	Peak	38.00	300	Vertical	Pass
4**	7463.750	43.22	0.97	54.0	-10.78	AV	38.00	300	Vertical	Pass
5	10668.550	48.94	-4.79	74.0	-25.06	Peak	172.00	100	Vertical	Pass
5**	10668.550	38.42	-4.79	54.0	-15.58	AV	172.00	100	Vertical	Pass
6	15710.474	51.62	-0.12	74.0	-22.38	Peak	110.00	200	Vertical	Pass
6**	15710.474	42.10	-0.12	54.0	-11.90	AV	110.00	200	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1464.100	38.22	-17.45	74.0	-35.78	Peak	21.00	400	Horizontal	Pass
1**	1464.100	28.20	-17.45	54.0	-25.80	AV	21.00	400	Horizontal	Pass
2	4315.250	47.67	-4.52	74.0	-26.33	Peak	332.00	300	Horizontal	Pass
2**	4315.250	38.16	-4.52	54.0	-15.84	AV	332.00	300	Horizontal	Pass
3	5298.750	102.96	-3.58	--	--	Peak	82.00	100	Horizontal	N/A
3**	5298.750	95.89	-3.58	--	--	AV	82.00	100	Horizontal	N/A
4	7457.500	52.66	1.14	74.0	-21.34	Peak	159.00	100	Horizontal	Pass
4**	7457.500	44.41	1.14	54.0	-9.59	AV	159.00	100	Horizontal	Pass
5	12407.287	49.24	-2.80	74.0	-24.76	Peak	27.00	200	Horizontal	Pass
5**	12407.287	39.67	-2.80	54.0	-14.33	AV	27.00	200	Horizontal	Pass
6	16172.213	51.74	-0.45	74.0	-22.26	Peak	54.00	300	Horizontal	Pass
6**	16172.213	42.73	-0.45	54.0	-11.27	AV	54.00	300	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	37.92	-17.47	74.0	-36.08	Peak	271.00	400	Vertical	Pass
1**	1493.100	27.96	-17.47	54.0	-26.04	AV	271.00	400	Vertical	Pass
2	4312.000	47.65	-4.28	74.0	-26.35	Peak	360.00	200	Vertical	Pass
2**	4312.000	37.53	-4.28	54.0	-16.47	AV	360.00	200	Vertical	Pass
3	5298.500	90.15	-3.56	--	--	Peak	217.00	200	Vertical	N/A
3**	5298.500	82.58	-3.56	--	--	AV	217.00	200	Vertical	N/A
4	7516.000	52.34	0.93	74.0	-21.66	Peak	149.00	100	Vertical	Pass
4**	7516.000	43.49	0.93	54.0	-10.51	AV	149.00	100	Vertical	Pass
5	12409.662	49.66	-2.77	74.0	-24.34	Peak	268.00	100	Vertical	Pass
5**	12409.662	39.66	-2.77	54.0	-14.34	AV	268.00	100	Vertical	Pass
6	16161.713	51.29	-0.46	74.0	-22.71	Peak	124.00	300	Vertical	Pass
6**	16161.713	42.07	-0.46	54.0	-11.93	AV	124.00	300	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.200	38.05	-17.36	74.0	-35.95	Peak	71.00	400	Horizontal	Pass
1**	1490.200	28.27	-17.36	54.0	-25.73	AV	71.00	400	Horizontal	Pass
2	4307.250	47.63	-4.16	74.0	-26.37	Peak	124.00	300	Horizontal	Pass
2**	4307.250	39.07	-4.16	54.0	-14.93	AV	124.00	300	Horizontal	Pass
3	5322.250	103.46	-3.35	--	--	Peak	90.00	150	Horizontal	N/A
3**	5322.250	96.32	-3.35	--	--	AV	90.00	150	Horizontal	N/A
4	7462.250	52.92	1.10	74.0	-21.08	Peak	168.00	400	Horizontal	Pass
4**	7462.250	43.70	1.10	54.0	-10.30	AV	168.00	400	Horizontal	Pass
5	12433.651	49.49	-2.40	74.0	-24.51	Peak	316.00	150	Horizontal	Pass
5**	12433.651	38.99	-2.40	54.0	-15.01	AV	316.00	150	Horizontal	Pass
6	16154.100	51.17	-0.47	74.0	-22.83	Peak	22.00	300	Horizontal	Pass
6**	16154.100	42.12	-0.47	54.0	-11.88	AV	22.00	300	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.500	38.37	-17.44	74.0	-35.63	Peak	66.00	200	Vertical	Pass
1**	1584.500	28.99	-17.44	54.0	-25.01	AV	66.00	200	Vertical	Pass
2	4380.750	48.15	-3.97	74.0	-25.85	Peak	201.00	200	Vertical	Pass
2**	4380.750	38.36	-3.97	54.0	-15.64	AV	201.00	200	Vertical	Pass
3	5322.250	89.95	-3.35	--	--	Peak	218.00	150	Vertical	N/A
3**	5322.250	82.43	-3.35	--	--	AV	218.00	150	Vertical	N/A
4	7455.250	52.61	1.16	74.0	-21.39	Peak	304.00	400	Vertical	Pass
4**	7455.250	44.25	1.16	54.0	-9.75	AV	304.00	400	Vertical	Pass
5	12309.913	48.87	-2.51	74.0	-25.13	Peak	329.00	200	Vertical	Pass
5**	12309.913	39.44	-2.51	54.0	-14.56	AV	329.00	200	Vertical	Pass
6	16184.813	50.89	-0.45	74.0	-23.11	Peak	330.00	200	Vertical	Pass
6**	16184.813	42.30	-0.45	54.0	-11.70	AV	330.00	200	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.700	37.68	-17.24	74.0	-36.32	Peak	174.00	100	Horizontal	Pass
1**	1442.700	29.10	-17.24	54.0	-24.90	AV	174.00	100	Horizontal	Pass
2	4306.500	47.38	-4.17	74.0	-26.62	Peak	99.00	300	Horizontal	Pass
2**	4306.500	39.02	-4.17	54.0	-14.98	AV	99.00	300	Horizontal	Pass
3	5263.000	102.08	-3.67	--	--	Peak	90.00	150	Horizontal	N/A
3**	5263.000	94.21	-3.67	--	--	AV	90.00	150	Horizontal	N/A
4	7460.750	52.98	1.14	74.0	-21.02	Peak	65.00	300	Horizontal	Pass
4**	7460.750	44.32	1.14	54.0	-9.68	AV	65.00	300	Horizontal	Pass
5	12439.825	49.18	-2.31	74.0	-24.82	Peak	360.00	200	Horizontal	Pass
5**	12439.825	40.29	-2.31	54.0	-13.71	AV	360.00	200	Horizontal	Pass
6	16176.412	50.81	-0.45	74.0	-23.19	Peak	96.00	300	Horizontal	Pass
6**	16176.412	42.04	-0.45	54.0	-11.96	AV	96.00	300	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.600	37.33	-17.70	74.0	-36.67	Peak	310.00	100	Vertical	Pass
1**	1624.600	28.27	-17.70	54.0	-25.73	AV	310.00	100	Vertical	Pass
2	4278.250	47.81	-4.74	74.0	-26.19	Peak	279.00	300	Vertical	Pass
2**	4278.250	38.39	-4.74	54.0	-15.61	AV	279.00	300	Vertical	Pass
3	5262.500	88.71	-3.72	--	--	Peak	225.00	100	Vertical	N/A
3**	5262.500	81.17	-3.72	--	--	AV	225.00	100	Vertical	N/A
4	7525.750	53.03	0.77	74.0	-20.97	Peak	360.00	200	Vertical	Pass
4**	7525.750	42.75	0.77	54.0	-11.25	AV	360.00	200	Vertical	Pass
5	11365.850	48.68	-4.40	74.0	-25.32	Peak	42.00	100	Vertical	Pass
5**	11365.850	38.14	-4.40	54.0	-15.86	AV	42.00	100	Vertical	Pass
6	16034.662	52.21	-0.12	74.0	-21.79	Peak	290.00	200	Vertical	Pass
6**	16034.662	42.13	-0.12	54.0	-11.87	AV	290.00	200	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.600	37.68	-17.41	74.0	-36.32	Peak	101.00	400	Horizontal	Pass
1**	1437.600	27.92	-17.41	54.0	-26.08	AV	101.00	400	Horizontal	Pass
2	4391.000	48.54	-4.40	74.0	-25.46	Peak	360.00	300	Horizontal	Pass
2**	4391.000	37.95	-4.40	54.0	-16.05	AV	360.00	300	Horizontal	Pass
3	5298.500	102.12	-3.56	--	--	Peak	92.00	150	Horizontal	N/A
3**	5298.500	94.44	-3.56	--	--	AV	92.00	150	Horizontal	N/A
4	7714.750	52.73	0.94	74.0	-21.27	Peak	29.00	300	Horizontal	Pass
4**	7714.750	43.29	0.94	54.0	-10.71	AV	29.00	300	Horizontal	Pass
5	11110.776	49.33	-4.51	74.0	-24.67	Peak	73.00	150	Horizontal	Pass
5**	11110.776	38.67	-4.51	54.0	-15.33	AV	73.00	150	Horizontal	Pass
6	15823.612	51.26	-0.74	74.0	-22.74	Peak	260.00	100	Horizontal	Pass
6**	15823.612	41.79	-0.74	54.0	-12.21	AV	260.00	100	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.200	37.52	-17.44	74.0	-36.48	Peak	271.00	100	Vertical	Pass
1**	1505.200	27.63	-17.44	54.0	-26.37	AV	271.00	100	Vertical	Pass
2	4372.000	47.64	-4.21	74.0	-26.36	Peak	360.00	300	Vertical	Pass
2**	4372.000	38.29	-4.21	54.0	-15.71	AV	360.00	300	Vertical	Pass
3	5298.250	88.92	-3.54	--	--	Peak	220.00	150	Vertical	N/A
3**	5298.250	81.21	-3.54	--	--	AV	220.00	150	Vertical	N/A
4	7706.500	52.27	1.66	74.0	-21.73	Peak	186.00	100	Vertical	Pass
4**	7706.500	42.93	1.66	54.0	-11.07	AV	186.00	100	Vertical	Pass
5	12458.350	49.05	-2.21	74.0	-24.95	Peak	217.00	100	Vertical	Pass
5**	12458.350	38.88	-2.21	54.0	-15.12	AV	217.00	100	Vertical	Pass
6	16158.300	51.47	-0.46	74.0	-22.53	Peak	276.00	300	Vertical	Pass
6**	16158.300	41.75	-0.46	54.0	-12.25	AV	276.00	300	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.600	37.55	-17.50	74.0	-36.45	Peak	19.00	200	Horizontal	Pass
1**	1463.600	27.91	-17.50	54.0	-26.09	AV	19.00	200	Horizontal	Pass
2	4356.750	48.69	-4.23	74.0	-25.31	Peak	107.00	100	Horizontal	Pass
2**	4356.750	38.61	-4.23	54.0	-15.39	AV	107.00	100	Horizontal	Pass
3	5318.000	102.62	-3.44	--	--	Peak	90.00	200	Horizontal	N/A
3**	5318.000	95.44	-3.44	--	--	AV	90.00	200	Horizontal	N/A
4	7707.000	52.77	1.57	74.0	-21.23	Peak	316.00	100	Horizontal	Pass
4**	7707.000	42.94	1.57	54.0	-11.06	AV	316.00	100	Horizontal	Pass
5	11439.000	49.22	-3.95	74.0	-24.78	Peak	110.00	100	Horizontal	Pass
5**	11439.000	39.12	-3.95	54.0	-14.88	AV	110.00	100	Horizontal	Pass
6	16175.625	51.29	-0.45	74.0	-22.71	Peak	217.00	200	Horizontal	Pass
6**	16175.625	42.06	-0.45	54.0	-11.94	AV	217.00	200	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.500	37.55	-17.61	74.0	-36.45	Peak	261.00	300	Vertical	Pass
1**	1462.500	27.54	-17.61	54.0	-26.46	AV	261.00	300	Vertical	Pass
2	4366.000	47.64	-4.15	74.0	-26.36	Peak	360.00	300	Vertical	Pass
2**	4366.000	38.09	-4.15	54.0	-15.91	AV	360.00	300	Vertical	Pass
3	5322.250	88.91	-3.35	--	--	Peak	218.00	100	Vertical	N/A
3**	5322.250	81.56	-3.35	--	--	AV	218.00	100	Vertical	N/A
4	7457.250	53.45	1.14	74.0	-20.55	Peak	158.00	300	Vertical	Pass
4**	7457.250	43.85	1.14	54.0	-10.15	AV	158.00	300	Vertical	Pass
5	12421.063	49.07	-2.59	74.0	-24.93	Peak	341.00	150	Vertical	Pass
5**	12421.063	39.39	-2.59	54.0	-14.61	AV	341.00	150	Vertical	Pass
6	16161.974	51.42	-0.46	74.0	-22.58	Peak	128.00	100	Vertical	Pass
6**	16161.974	41.50	-0.46	54.0	-12.50	AV	128.00	100	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.200	37.93	-17.37	74.0	-36.07	Peak	55.00	100	Horizontal	Pass
1**	1511.200	28.57	-17.37	54.0	-25.43	AV	55.00	100	Horizontal	Pass
2	4283.000	47.22	-4.87	74.0	-26.78	Peak	55.00	200	Horizontal	Pass
2**	4283.000	38.00	-4.87	54.0	-16.00	AV	55.00	200	Horizontal	Pass
3	5267.000	99.82	-3.63	--	--	Peak	82.00	200	Horizontal	N/A
3**	5267.000	92.52	-3.63	--	--	AV	82.00	200	Horizontal	N/A
4	7509.750	53.48	0.56	74.0	-20.52	Peak	202.00	100	Horizontal	Pass
4**	7509.750	43.73	0.56	54.0	-10.27	AV	202.00	100	Horizontal	Pass
5	12452.175	49.20	-2.17	74.0	-24.80	Peak	3.00	200	Horizontal	Pass
5**	12452.175	40.62	-2.17	54.0	-13.38	AV	3.00	200	Horizontal	Pass
6	15799.200	50.99	-0.72	74.0	-23.01	Peak	328.00	100	Horizontal	Pass
6**	15799.200	41.76	-0.72	54.0	-12.24	AV	328.00	100	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.000	37.83	-17.79	74.0	-36.17	Peak	14.00	300	Vertical	Pass
1**	1624.000	27.66	-17.79	54.0	-26.34	AV	14.00	300	Vertical	Pass
2	4214.500	47.17	-5.69	74.0	-26.83	Peak	345.00	200	Vertical	Pass
2**	4214.500	37.18	-5.69	54.0	-16.82	AV	345.00	200	Vertical	Pass
3	5267.750	87.08	-3.58	--	--	Peak	217.00	100	Vertical	N/A
3**	5267.750	80.14	-3.58	--	--	AV	217.00	100	Vertical	N/A
4	7489.750	52.86	-0.33	74.0	-21.14	Peak	311.00	200	Vertical	Pass
4**	7489.750	43.56	-0.33	54.0	-10.44	AV	311.00	200	Vertical	Pass
5	12540.049	49.23	-2.20	74.0	-24.77	Peak	27.00	200	Vertical	Pass
5**	12540.049	39.58	-2.20	54.0	-14.42	AV	27.00	200	Vertical	Pass
6	16059.076	51.70	-0.26	74.0	-22.30	Peak	110.00	400	Vertical	Pass
6**	16059.076	41.61	-0.26	54.0	-12.39	AV	110.00	400	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.900	37.64	-17.30	74.0	-36.36	Peak	50.00	100	Horizontal	Pass
1**	1457.900	28.99	-17.30	54.0	-25.01	AV	50.00	100	Horizontal	Pass
2	4318.000	47.20	-4.59	74.0	-26.80	Peak	185.00	200	Horizontal	Pass
2**	4318.000	38.66	-4.59	54.0	-15.34	AV	185.00	200	Horizontal	Pass
3	5306.750	99.68	-3.43	--	--	Peak	88.00	150	Horizontal	N/A
3**	5306.750	92.59	-3.43	--	--	AV	88.00	150	Horizontal	N/A
4	7507.250	52.77	0.21	74.0	-21.23	Peak	347.00	200	Horizontal	Pass
4**	7507.250	43.41	0.21	54.0	-10.59	AV	347.00	200	Horizontal	Pass
5	12439.825	49.25	-2.31	74.0	-24.75	Peak	5.00	200	Horizontal	Pass
5**	12439.825	39.91	-2.31	54.0	-14.09	AV	5.00	200	Horizontal	Pass
6	16158.825	51.76	-0.46	74.0	-22.24	Peak	246.00	300	Horizontal	Pass
6**	16158.825	42.51	-0.46	54.0	-11.49	AV	246.00	300	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.500	37.78	-17.52	74.0	-36.22	Peak	88.00	100	Vertical	Pass
1**	1545.500	27.98	-17.52	54.0	-26.02	AV	88.00	100	Vertical	Pass
2	4367.500	47.86	-4.13	74.0	-26.14	Peak	271.00	400	Vertical	Pass
2**	4367.500	38.53	-4.13	54.0	-15.47	AV	271.00	400	Vertical	Pass
3	5313.500	85.83	-3.69	--	--	Peak	63.00	200	Vertical	N/A
3**	5313.500	78.07	-3.69	--	--	AV	63.00	200	Vertical	N/A
4	7514.750	52.56	0.81	74.0	-21.44	Peak	279.00	200	Vertical	Pass
4**	7514.750	43.56	0.81	54.0	-10.44	AV	279.00	200	Vertical	Pass
5	11791.450	49.42	-3.61	74.0	-24.58	Peak	25.00	150	Vertical	Pass
5**	11791.450	39.51	-3.61	54.0	-14.49	AV	25.00	150	Vertical	Pass
6	16178.250	51.66	-0.45	74.0	-22.34	Peak	272.00	300	Vertical	Pass
6**	16178.250	42.50	-0.45	54.0	-11.50	AV	272.00	300	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.200	37.78	-17.41	74.0	-36.22	Peak	69.00	100	Horizontal	Pass
1**	1503.200	28.47	-17.41	54.0	-25.53	AV	69.00	100	Horizontal	Pass
2	4366.000	47.47	-4.15	74.0	-26.53	Peak	296.00	400	Horizontal	Pass
2**	4366.000	38.54	-4.15	54.0	-15.46	AV	296.00	400	Horizontal	Pass
3	5257.750	100.95	-4.02	--	--	Peak	90.00	200	Horizontal	N/A
3**	5257.750	93.03	-4.02	--	--	AV	90.00	200	Horizontal	N/A
4	7508.750	52.37	0.44	74.0	-21.63	Peak	175.00	100	Horizontal	Pass
4**	7508.750	44.59	0.44	54.0	-9.41	AV	175.00	100	Horizontal	Pass
5	11432.588	49.28	-3.99	74.0	-24.72	Peak	293.00	150	Horizontal	Pass
5**	11432.588	39.18	-3.99	54.0	-14.82	AV	293.00	150	Horizontal	Pass
6	16178.513	51.59	-0.45	74.0	-22.41	Peak	140.00	300	Horizontal	Pass
6**	16178.513	42.81	-0.45	54.0	-11.19	AV	140.00	300	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.900	37.76	-17.30	74.0	-36.24	Peak	217.00	400	Vertical	Pass
1**	1457.900	28.55	-17.30	54.0	-25.45	AV	217.00	400	Vertical	Pass
2	4307.250	47.99	-4.16	74.0	-26.01	Peak	263.00	100	Vertical	Pass
2**	4307.250	38.76	-4.16	54.0	-15.24	AV	263.00	100	Vertical	Pass
3	5261.250	87.91	-3.79	--	--	Peak	219.00	200	Vertical	N/A
3**	5261.250	80.82	-3.79	--	--	AV	219.00	200	Vertical	N/A
4	7500.000	52.54	-0.50	74.0	-21.46	Peak	29.00	200	Vertical	Pass
4**	7500.000	43.90	-0.50	54.0	-10.10	AV	29.00	200	Vertical	Pass
5	12453.599	49.22	-2.17	74.0	-24.78	Peak	76.00	100	Vertical	Pass
5**	12453.599	39.17	-2.17	54.0	-14.83	AV	76.00	100	Vertical	Pass
6	16172.474	51.23	-0.45	74.0	-22.77	Peak	217.00	200	Vertical	Pass
6**	16172.474	42.09	-0.45	54.0	-11.91	AV	217.00	200	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.100	37.57	-17.36	74.0	-36.43	Peak	340.00	400	Horizontal	Pass
1**	1501.100	27.76	-17.36	54.0	-26.24	AV	340.00	400	Horizontal	Pass
2	4389.000	47.53	-4.14	74.0	-26.47	Peak	228.00	200	Horizontal	Pass
2**	4389.000	38.24	-4.14	54.0	-15.76	AV	228.00	200	Horizontal	Pass
3	5298.750	101.40	-3.58	--	--	Peak	64.00	200	Horizontal	N/A
3**	5298.750	93.44	-3.58	--	--	AV	64.00	200	Horizontal	N/A
4	7508.000	52.56	0.34	74.0	-21.44	Peak	333.00	400	Horizontal	Pass
4**	7508.000	43.50	0.34	54.0	-10.50	AV	333.00	400	Horizontal	Pass
5	11803.563	49.30	-3.51	74.0	-24.70	Peak	282.00	100	Horizontal	Pass
5**	11803.563	39.74	-3.51	54.0	-14.26	AV	282.00	100	Horizontal	Pass
6	15942.263	51.60	-0.38	74.0	-22.40	Peak	300.00	100	Horizontal	Pass
6**	15942.263	42.14	-0.38	54.0	-11.86	AV	300.00	100	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.800	37.25	-17.39	74.0	-36.75	Peak	192.00	400	Vertical	Pass
1**	1503.800	29.08	-17.39	54.0	-24.92	AV	192.00	400	Vertical	Pass
2	4325.000	47.22	-4.96	74.0	-26.78	Peak	63.00	300	Vertical	Pass
2**	4325.000	38.94	-4.96	54.0	-15.06	AV	63.00	300	Vertical	Pass
3	5298.750	85.65	-3.58	--	--	Peak	210.00	150	Vertical	N/A
3**	5298.750	78.60	-3.58	--	--	AV	210.00	150	Vertical	N/A
4	7453.500	52.93	1.06	74.0	-21.07	Peak	279.00	200	Vertical	Pass
4**	7453.500	43.85	1.06	54.0	-10.15	AV	279.00	200	Vertical	Pass
5	11548.013	49.36	-4.38	74.0	-24.64	Peak	172.00	100	Vertical	Pass
5**	11548.013	39.91	-4.38	54.0	-14.09	AV	172.00	100	Vertical	Pass
6	16158.562	51.50	-0.46	74.0	-22.50	Peak	22.00	200	Vertical	Pass
6**	16158.562	42.26	-0.46	54.0	-11.74	AV	22.00	200	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.300	37.53	-17.31	74.0	-36.47	Peak	146.00	300	Horizontal	Pass
1**	1486.300	28.03	-17.31	54.0	-25.97	AV	146.00	300	Horizontal	Pass
2	4287.500	47.37	-4.50	74.0	-26.63	Peak	14.00	200	Horizontal	Pass
2**	4287.500	38.60	-4.50	54.0	-15.40	AV	14.00	200	Horizontal	Pass
3	5321.500	102.29	-3.37	--	--	Peak	91.00	100	Horizontal	N/A
3**	5321.500	94.49	-3.37	--	--	AV	91.00	100	Horizontal	N/A
4	7560.500	52.72	-0.34	74.0	-21.28	Peak	160.00	300	Horizontal	Pass
4**	7560.500	42.67	-0.34	54.0	-11.33	AV	160.00	300	Horizontal	Pass
5	12292.100	49.24	-2.51	74.0	-24.76	Peak	294.00	150	Horizontal	Pass
5**	12292.100	40.02	-2.51	54.0	-13.98	AV	294.00	150	Horizontal	Pass
6	16183.763	51.05	-0.45	74.0	-22.95	Peak	125.00	300	Horizontal	Pass
6**	16183.763	42.91	-0.45	54.0	-11.09	AV	125.00	300	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.400	37.28	-17.54	74.0	-36.72	Peak	317.00	300	Vertical	Pass
1**	1454.400	28.10	-17.54	54.0	-25.90	AV	317.00	300	Vertical	Pass
2	4292.250	47.12	-4.61	74.0	-26.88	Peak	116.00	300	Vertical	Pass
2**	4292.250	38.49	-4.61	54.0	-15.51	AV	116.00	300	Vertical	Pass
3	5318.500	88.79	-3.51	--	--	Peak	211.00	200	Vertical	N/A
3**	5318.500	81.59	-3.51	--	--	AV	211.00	200	Vertical	N/A
4	7507.500	52.57	0.27	74.0	-21.43	Peak	297.00	200	Vertical	Pass
4**	7507.500	44.00	0.27	54.0	-10.00	AV	297.00	200	Vertical	Pass
5	11776.487	50.34	-3.74	74.0	-23.66	Peak	75.00	100	Vertical	Pass
5**	11776.487	39.35	-3.74	54.0	-14.65	AV	75.00	100	Vertical	Pass
6	16180.612	51.39	-0.45	74.0	-22.61	Peak	258.00	300	Vertical	Pass
6**	16180.612	43.03	-0.45	54.0	-10.97	AV	258.00	300	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.200	37.72	-17.61	74.0	-36.28	Peak	297.00	300	Horizontal	Pass
1**	1596.200	27.64	-17.61	54.0	-26.36	AV	297.00	300	Horizontal	Pass
2	4305.250	47.73	-4.21	74.0	-26.27	Peak	343.00	400	Horizontal	Pass
2**	4305.250	38.41	-4.21	54.0	-15.59	AV	343.00	400	Horizontal	Pass
3	5273.250	98.33	-3.14	--	--	Peak	89.00	200	Horizontal	N/A
3**	5273.250	90.83	-3.14	--	--	AV	89.00	200	Horizontal	N/A
4	7509.750	52.44	0.56	74.0	-21.56	Peak	255.00	100	Horizontal	Pass
4**	7509.750	43.77	0.56	54.0	-10.23	AV	255.00	100	Horizontal	Pass
5	12429.138	49.40	-2.47	74.0	-24.60	Peak	360.00	200	Horizontal	Pass
5**	12429.138	40.56	-2.47	54.0	-13.44	AV	360.00	200	Horizontal	Pass
6	16198.462	51.87	-0.44	74.0	-22.13	Peak	328.00	300	Horizontal	Pass
6**	16198.462	43.69	-0.44	54.0	-10.31	AV	328.00	300	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.600	37.84	-17.40	74.0	-36.16	Peak	133.00	200	Vertical	Pass
1**	1446.600	28.28	-17.40	54.0	-25.72	AV	133.00	200	Vertical	Pass
2	4262.000	47.70	-4.54	74.0	-26.30	Peak	150.00	400	Vertical	Pass
2**	4262.000	38.14	-4.54	54.0	-15.86	AV	150.00	400	Vertical	Pass
3	5277.750	87.85	-3.40	--	--	Peak	64.00	100	Vertical	N/A
3**	5277.750	78.59	-3.40	--	--	AV	64.00	100	Vertical	N/A
4	7507.000	52.39	0.16	74.0	-21.61	Peak	305.00	300	Vertical	Pass
4**	7507.000	43.78	0.16	54.0	-10.22	AV	305.00	300	Vertical	Pass
5	12441.487	48.91	-2.28	74.0	-25.09	Peak	353.00	100	Vertical	Pass
5**	12441.487	40.17	-2.28	54.0	-13.83	AV	353.00	100	Vertical	Pass
6	16176.151	51.62	-0.45	74.0	-22.38	Peak	123.00	100	Vertical	Pass
6**	16176.151	42.51	-0.45	54.0	-11.49	AV	123.00	100	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.100	37.55	-17.75	74.0	-36.45	Peak	326.00	200	Horizontal	Pass
1**	1549.100	28.27	-17.75	54.0	-25.73	AV	326.00	200	Horizontal	Pass
2	4211.000	47.19	-5.51	74.0	-26.81	Peak	360.00	400	Horizontal	Pass
2**	4211.000	37.50	-5.51	54.0	-16.50	AV	360.00	400	Horizontal	Pass
3	5311.500	98.39	-3.71	--	--	Peak	81.00	100	Horizontal	N/A
3**	5311.500	91.02	-3.71	--	--	AV	81.00	100	Horizontal	N/A
4	7472.000	52.52	0.76	74.0	-21.48	Peak	270.00	300	Horizontal	Pass
4**	7472.000	43.79	0.76	54.0	-10.21	AV	270.00	300	Horizontal	Pass
5	12433.887	49.47	-2.40	74.0	-24.53	Peak	53.00	100	Horizontal	Pass
5**	12433.887	40.02	-2.40	54.0	-13.98	AV	53.00	100	Horizontal	Pass
6	16150.162	51.80	-0.47	74.0	-22.20	Peak	340.00	100	Horizontal	Pass
6**	16150.162	42.54	-0.47	54.0	-11.46	AV	340.00	100	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.200	37.58	-17.44	74.0	-36.42	Peak	262.00	300	Vertical	Pass
1**	1508.200	28.16	-17.44	54.0	-25.84	AV	262.00	300	Vertical	Pass
2	4393.000	47.50	-4.61	74.0	-26.50	Peak	226.00	100	Vertical	Pass
2**	4393.000	38.40	-4.61	54.0	-15.60	AV	226.00	100	Vertical	Pass
3	5311.500	87.21	-3.71	--	--	Peak	79.00	150	Vertical	N/A
3**	5311.500	79.50	-3.71	--	--	AV	79.00	150	Vertical	N/A
4	7511.250	52.62	0.50	74.0	-21.38	Peak	79.00	200	Vertical	Pass
4**	7511.250	43.41	0.50	54.0	-10.59	AV	79.00	200	Vertical	Pass
5	12652.862	49.57	-2.30	74.0	-24.43	Peak	232.00	200	Vertical	Pass
5**	12652.862	39.58	-2.30	54.0	-14.42	AV	232.00	200	Vertical	Pass
6	16067.738	51.87	-0.41	74.0	-22.13	Peak	264.00	100	Vertical	Pass
6**	16067.738	42.72	-0.41	54.0	-11.28	AV	264.00	100	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.500	37.38	-17.33	74.0	-36.62	Peak	256.00	100	Horizontal	Pass
1**	1483.500	28.14	-17.33	54.0	-25.86	AV	256.00	100	Horizontal	Pass
2	4396.750	48.28	-4.67	74.0	-25.72	Peak	83.00	400	Horizontal	Pass
2**	4396.750	38.53	-4.67	54.0	-15.47	AV	83.00	400	Horizontal	Pass
3	5292.250	96.18	-3.22	--	--	Peak	83.00	150	Horizontal	N/A
3**	5292.250	88.63	-3.22	--	--	AV	83.00	150	Horizontal	N/A
4	7507.500	52.68	0.27	74.0	-21.32	Peak	272.00	300	Horizontal	Pass
4**	7507.500	44.55	0.27	54.0	-9.45	AV	272.00	300	Horizontal	Pass
5	12452.412	48.91	-2.17	74.0	-25.09	Peak	257.00	200	Horizontal	Pass
5**	12452.412	39.30	-2.17	54.0	-14.70	AV	257.00	200	Horizontal	Pass
6	16140.188	51.95	-0.57	74.0	-22.05	Peak	183.00	100	Horizontal	Pass
6**	16140.188	41.80	-0.57	54.0	-12.20	AV	183.00	100	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.100	37.64	-17.28	74.0	-36.36	Peak	360.00	400	Vertical	Pass
1**	1480.100	28.39	-17.28	54.0	-25.61	AV	360.00	400	Vertical	Pass
2	4398.000	47.83	-4.64	74.0	-26.17	Peak	133.00	200	Vertical	Pass
2**	4398.000	38.39	-4.64	54.0	-15.61	AV	133.00	200	Vertical	Pass
3	5293.000	85.09	-3.22	--	--	Peak	81.00	100	Vertical	N/A
3**	5293.000	77.17	-3.22	--	--	AV	81.00	100	Vertical	N/A
4	7698.500	52.55	1.77	74.0	-21.45	Peak	227.00	400	Vertical	Pass
4**	7698.500	43.31	1.77	54.0	-10.69	AV	227.00	400	Vertical	Pass
5	12691.338	49.37	-2.33	74.0	-24.63	Peak	269.00	150	Vertical	Pass
5**	12691.338	39.34	-2.33	54.0	-14.66	AV	269.00	150	Vertical	Pass
6	16172.474	52.37	-0.45	74.0	-21.63	Peak	96.00	400	Vertical	Pass
6**	16172.474	42.40	-0.45	54.0	-11.60	AV	96.00	400	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.600	37.83	-17.32	74.0	-36.17	Peak	163.00	400	Horizontal	Pass
1**	1500.600	28.31	-17.32	54.0	-25.69	AV	163.00	400	Horizontal	Pass
2	4367.750	47.99	-4.14	74.0	-26.01	Peak	347.00	200	Horizontal	Pass
2**	4367.750	38.07	-4.14	54.0	-15.93	AV	347.00	200	Horizontal	Pass
3	5501.250	101.29	-3.16	--	--	Peak	100.00	150	Horizontal	N/A
3**	5501.250	94.32	-3.16	--	--	AV	100.00	150	Horizontal	N/A
4	7561.000	52.71	-0.32	74.0	-21.29	Peak	239.00	100	Horizontal	Pass
4**	7561.000	42.55	-0.32	54.0	-11.45	AV	239.00	100	Horizontal	Pass
5	12676.612	49.50	-2.32	74.0	-24.50	Peak	218.00	200	Horizontal	Pass
5**	12676.612	39.89	-2.32	54.0	-14.11	AV	218.00	200	Horizontal	Pass
6	15555.338	51.36	-0.60	74.0	-22.64	Peak	156.00	400	Horizontal	Pass
6**	15555.338	41.25	-0.60	54.0	-12.75	AV	156.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.400	37.33	-17.58	74.0	-36.67	Peak	193.00	100	Vertical	Pass
1**	1569.400	28.21	-17.58	54.0	-25.79	AV	193.00	100	Vertical	Pass
2	4296.250	47.75	-4.43	74.0	-26.25	Peak	133.00	300	Vertical	Pass
2**	4296.250	38.41	-4.43	54.0	-15.59	AV	133.00	300	Vertical	Pass
3	5503.250	90.34	-3.27	--	--	Peak	47.00	200	Vertical	N/A
3**	5503.250	82.64	-3.27	--	--	AV	47.00	200	Vertical	N/A
4	7464.250	52.85	0.90	74.0	-21.15	Peak	252.00	100	Vertical	Pass
4**	7464.250	43.44	0.90	54.0	-10.56	AV	252.00	100	Vertical	Pass
5	12683.500	49.25	-2.32	74.0	-24.75	Peak	135.00	200	Vertical	Pass
5**	12683.500	40.26	-2.32	54.0	-13.74	AV	135.00	200	Vertical	Pass
6	16164.600	51.55	-0.46	74.0	-22.45	Peak	38.00	200	Vertical	Pass
6**	16164.600	42.52	-0.46	54.0	-11.48	AV	38.00	200	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	37.60	-17.42	74.0	-36.40	Peak	140.00	100	Horizontal	Pass
1**	1492.400	27.77	-17.42	54.0	-26.23	AV	140.00	100	Horizontal	Pass
2	4287.250	47.77	-4.52	74.0	-26.23	Peak	213.00	400	Horizontal	Pass
2**	4287.250	38.39	-4.52	54.0	-15.61	AV	213.00	400	Horizontal	Pass
3	5578.000	101.03	-2.89	--	--	Peak	91.00	200	Horizontal	N/A
3**	5578.000	93.78	-2.89	--	--	AV	91.00	200	Horizontal	N/A
4	7508.500	52.54	0.41	74.0	-21.46	Peak	292.00	200	Horizontal	Pass
4**	7508.500	43.32	0.41	54.0	-10.68	AV	292.00	200	Horizontal	Pass
5	12687.776	49.27	-2.33	74.0	-24.73	Peak	353.00	100	Horizontal	Pass
5**	12687.776	40.10	-2.33	54.0	-13.90	AV	353.00	100	Horizontal	Pass
6	15726.488	51.33	-0.45	74.0	-22.67	Peak	317.00	300	Horizontal	Pass
6**	15726.488	40.79	-0.45	54.0	-13.21	AV	317.00	300	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	37.56	-17.29	74.0	-36.44	Peak	254.00	200	Vertical	Pass
1**	1497.900	27.88	-17.29	54.0	-26.12	AV	254.00	200	Vertical	Pass
2	4385.250	47.62	-4.01	74.0	-26.38	Peak	265.00	400	Vertical	Pass
2**	4385.250	37.93	-4.01	54.0	-16.07	AV	265.00	400	Vertical	Pass
3	5578.500	90.55	-2.86	--	--	Peak	58.00	150	Vertical	N/A
3**	5578.500	83.67	-2.86	--	--	AV	58.00	150	Vertical	N/A
4	7514.250	52.28	0.77	74.0	-21.72	Peak	360.00	100	Vertical	Pass
4**	7514.250	44.26	0.77	54.0	-9.74	AV	360.00	100	Vertical	Pass
5	12424.625	49.01	-2.54	74.0	-24.99	Peak	36.00	100	Vertical	Pass
5**	12424.625	40.22	-2.54	54.0	-13.78	AV	36.00	100	Vertical	Pass
6	15709.950	51.35	-0.11	74.0	-22.65	Peak	68.00	100	Vertical	Pass
6**	15709.950	41.83	-0.11	54.0	-12.17	AV	68.00	100	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.000	37.87	-17.29	74.0	-36.13	Peak	206.00	300	Horizontal	Pass
1**	1482.000	28.38	-17.29	54.0	-25.62	AV	206.00	300	Horizontal	Pass
2	4378.500	47.60	-3.94	74.0	-26.40	Peak	297.00	300	Horizontal	Pass
2**	4378.500	38.22	-3.94	54.0	-15.78	AV	297.00	300	Horizontal	Pass
3	5698.750	95.85	-2.97	--	--	Peak	90.00	100	Horizontal	N/A
3**	5698.750	88.18	-2.97	--	--	AV	90.00	100	Horizontal	N/A
4	7519.500	52.39	0.83	74.0	-21.61	Peak	339.00	200	Horizontal	Pass
4**	7519.500	43.01	0.83	54.0	-10.99	AV	339.00	200	Horizontal	Pass
5	11199.126	49.41	-4.05	74.0	-24.59	Peak	353.00	200	Horizontal	Pass
5**	11199.126	39.75	-4.05	54.0	-14.25	AV	353.00	200	Horizontal	Pass
6	16149.900	51.85	-0.47	74.0	-22.15	Peak	8.00	100	Horizontal	Pass
6**	16149.900	43.14	-0.47	54.0	-10.86	AV	8.00	100	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.800	37.77	-17.27	74.0	-36.23	Peak	37.00	300	Vertical	Pass
1**	1440.800	28.17	-17.27	54.0	-25.83	AV	37.00	300	Vertical	Pass
2	4294.750	47.68	-4.44	74.0	-26.32	Peak	263.00	300	Vertical	Pass
2**	4294.750	40.06	-4.44	54.0	-13.94	AV	263.00	300	Vertical	Pass
3	5697.250	89.69	-2.85	--	--	Peak	48.00	100	Vertical	N/A
3**	5697.250	81.65	-2.85	--	--	AV	48.00	100	Vertical	N/A
4	7563.000	52.87	-0.30	74.0	-21.13	Peak	331.00	200	Vertical	Pass
4**	7563.000	42.41	-0.30	54.0	-11.59	AV	331.00	200	Vertical	Pass
5	12365.487	49.35	-2.85	74.0	-24.65	Peak	95.00	100	Vertical	Pass
5**	12365.487	38.80	-2.85	54.0	-15.20	AV	95.00	100	Vertical	Pass
6	16168.800	51.71	-0.46	74.0	-22.29	Peak	302.00	100	Vertical	Pass
6**	16168.800	43.06	-0.46	54.0	-10.94	AV	302.00	100	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.100	37.29	-17.39	74.0	-36.71	Peak	30.00	100	Horizontal	Pass
1**	1512.100	28.50	-17.39	54.0	-25.50	AV	30.00	100	Horizontal	Pass
2	4312.750	47.67	-4.31	74.0	-26.33	Peak	230.00	200	Horizontal	Pass
2**	4312.750	38.45	-4.31	54.0	-15.55	AV	230.00	200	Horizontal	Pass
3	5498.500	99.90	-3.32	--	--	Peak	98.00	100	Horizontal	N/A
3**	5498.500	92.54	-3.32	--	--	AV	98.00	100	Horizontal	N/A
4	7455.500	52.72	1.16	74.0	-21.28	Peak	4.00	400	Horizontal	Pass
4**	7455.500	43.73	1.16	54.0	-10.27	AV	4.00	400	Horizontal	Pass
5	11799.525	49.56	-3.54	74.0	-24.44	Peak	75.00	150	Horizontal	Pass
5**	11799.525	40.00	-3.54	54.0	-14.00	AV	75.00	150	Horizontal	Pass
6	16171.950	51.56	-0.45	74.0	-22.44	Peak	126.00	400	Horizontal	Pass
6**	16171.950	43.43	-0.45	54.0	-10.57	AV	126.00	400	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.000	38.20	-17.42	74.0	-35.80	Peak	288.00	400	Vertical	Pass
1**	1503.000	28.29	-17.42	54.0	-25.71	AV	288.00	400	Vertical	Pass
2	4245.250	48.04	-5.10	74.0	-25.96	Peak	98.00	300	Vertical	Pass
2**	4245.250	38.43	-5.10	54.0	-15.57	AV	98.00	300	Vertical	Pass
3	5498.500	87.61	-3.32	--	--	Peak	46.00	150	Vertical	N/A
3**	5498.500	79.97	-3.32	--	--	AV	46.00	150	Vertical	N/A
4	7515.750	52.90	0.90	74.0	-21.10	Peak	0.00	100	Vertical	Pass
4**	7515.750	43.80	0.90	54.0	-10.20	AV	0.00	100	Vertical	Pass
5	12311.812	49.69	-2.53	74.0	-24.31	Peak	40.00	100	Vertical	Pass
5**	12311.812	40.70	-2.53	54.0	-13.30	AV	40.00	100	Vertical	Pass
6	16194.263	51.45	-0.44	74.0	-22.55	Peak	334.00	100	Vertical	Pass
6**	16194.263	42.95	-0.44	54.0	-11.05	AV	334.00	100	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.200	37.62	-17.42	74.0	-36.38	Peak	239.00	100	Horizontal	Pass
1**	1606.200	27.99	-17.42	54.0	-26.01	AV	239.00	100	Horizontal	Pass
2	4310.750	47.49	-4.29	74.0	-26.51	Peak	64.00	100	Horizontal	Pass
2**	4310.750	38.32	-4.29	54.0	-15.68	AV	64.00	100	Horizontal	Pass
3	5581.750	99.29	-2.77	--	--	Peak	90.00	200	Horizontal	N/A
3**	5581.750	91.66	-2.77	--	--	AV	90.00	200	Horizontal	N/A
4	7686.750	52.38	1.47	74.0	-21.62	Peak	150.00	100	Horizontal	Pass
4**	7686.750	42.80	1.47	54.0	-11.20	AV	150.00	100	Horizontal	Pass
5	12688.963	49.24	-2.33	74.0	-24.76	Peak	244.00	200	Horizontal	Pass
5**	12688.963	40.21	-2.33	54.0	-13.79	AV	244.00	200	Horizontal	Pass
6	16171.425	51.23	-0.45	74.0	-22.77	Peak	270.00	400	Horizontal	Pass
6**	16171.425	42.48	-0.45	54.0	-11.52	AV	270.00	400	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.600	37.53	-17.75	74.0	-36.47	Peak	38.00	200	Vertical	Pass
1**	1562.600	27.70	-17.75	54.0	-26.30	AV	38.00	200	Vertical	Pass
2	4379.250	47.53	-3.97	74.0	-26.47	Peak	115.00	200	Vertical	Pass
2**	4379.250	38.17	-3.97	54.0	-15.83	AV	115.00	200	Vertical	Pass
3	5578.750	89.23	-2.83	--	--	Peak	55.00	100	Vertical	N/A
3**	5578.750	80.90	-2.83	--	--	AV	55.00	100	Vertical	N/A
4	7474.000	52.39	0.63	74.0	-21.61	Peak	132.00	400	Vertical	Pass
4**	7474.000	44.40	0.63	54.0	-9.60	AV	132.00	400	Vertical	Pass
5	12621.987	48.98	-2.48	74.0	-25.02	Peak	114.00	150	Vertical	Pass
5**	12621.987	39.18	-2.48	54.0	-14.82	AV	114.00	150	Vertical	Pass
6	16133.888	51.91	-0.63	74.0	-22.09	Peak	23.00	200	Vertical	Pass
6**	16133.888	41.78	-0.63	54.0	-12.22	AV	23.00	200	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.800	37.48	-17.48	74.0	-36.52	Peak	155.00	100	Horizontal	Pass
1**	1458.800	27.81	-17.48	54.0	-26.19	AV	155.00	100	Horizontal	Pass
2	4283.500	47.64	-4.82	74.0	-26.36	Peak	98.00	400	Horizontal	Pass
2**	4283.500	38.75	-4.82	54.0	-15.25	AV	98.00	400	Horizontal	Pass
3	5701.500	93.93	-2.86	--	--	Peak	80.00	100	Horizontal	N/A
3**	5701.500	86.97	-2.86	--	--	AV	80.00	100	Horizontal	N/A
4	7520.250	52.63	0.79	74.0	-21.37	Peak	360.00	400	Horizontal	Pass
4**	7520.250	43.54	0.79	54.0	-10.46	AV	360.00	400	Horizontal	Pass
5	12699.412	49.20	-2.34	74.0	-24.80	Peak	360.00	200	Horizontal	Pass
5**	12699.412	40.12	-2.34	54.0	-13.88	AV	360.00	200	Horizontal	Pass
6	16182.713	51.24	-0.45	74.0	-22.76	Peak	42.00	100	Horizontal	Pass
6**	16182.713	42.99	-0.45	54.0	-11.01	AV	42.00	100	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.900	37.42	-17.63	74.0	-36.58	Peak	289.00	300	Vertical	Pass
1**	1527.900	27.84	-17.63	54.0	-26.16	AV	289.00	300	Vertical	Pass
2	4295.250	47.30	-4.43	74.0	-26.70	Peak	312.00	100	Vertical	Pass
2**	4295.250	39.08	-4.43	54.0	-14.92	AV	312.00	100	Vertical	Pass
3	5700.750	87.74	-2.90	--	--	Peak	38.00	100	Vertical	N/A
3**	5700.750	80.05	-2.90	--	--	AV	38.00	100	Vertical	N/A
4	7461.000	52.55	1.13	74.0	-21.45	Peak	80.00	200	Vertical	Pass
4**	7461.000	43.86	1.13	54.0	-10.14	AV	80.00	200	Vertical	Pass
5	12664.500	49.78	-2.31	74.0	-24.22	Peak	91.00	150	Vertical	Pass
5**	12664.500	39.58	-2.31	54.0	-14.42	AV	91.00	150	Vertical	Pass
6	16194.525	51.49	-0.44	74.0	-22.51	Peak	91.00	100	Vertical	Pass
6**	16194.525	43.18	-0.44	54.0	-10.82	AV	91.00	100	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.600	37.56	-17.40	74.0	-36.44	Peak	213.00	100	Horizontal	Pass
1**	1512.600	28.59	-17.40	54.0	-25.41	AV	213.00	100	Horizontal	Pass
2	4306.000	47.80	-4.18	74.0	-26.20	Peak	201.00	200	Horizontal	Pass
2**	4306.000	38.49	-4.18	54.0	-15.51	AV	201.00	200	Horizontal	Pass
3	5512.000	97.16	-3.16	--	--	Peak	107.00	100	Horizontal	N/A
3**	5512.000	90.36	-3.16	--	--	AV	107.00	100	Horizontal	N/A
4	7524.250	52.86	0.87	74.0	-21.14	Peak	132.00	300	Horizontal	Pass
4**	7524.250	43.15	0.87	54.0	-10.85	AV	132.00	300	Horizontal	Pass
5	12454.075	49.22	-2.18	74.0	-24.78	Peak	353.00	150	Horizontal	Pass
5**	12454.075	39.84	-2.18	54.0	-14.16	AV	353.00	150	Horizontal	Pass
6	16181.925	51.25	-0.45	74.0	-22.75	Peak	76.00	100	Horizontal	Pass
6**	16181.925	43.33	-0.45	54.0	-10.67	AV	76.00	100	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.900	37.95	-17.26	74.0	-36.05	Peak	185.00	400	Vertical	Pass
1**	1441.900	28.67	-17.26	54.0	-25.33	AV	185.00	400	Vertical	Pass
2	4196.250	47.25	-5.33	74.0	-26.75	Peak	139.00	400	Vertical	Pass
2**	4196.250	37.89	-5.33	54.0	-16.11	AV	139.00	400	Vertical	Pass
3	5514.000	85.51	-3.14	--	--	Peak	63.00	150	Vertical	N/A
3**	5514.000	77.81	-3.14	--	--	AV	63.00	150	Vertical	N/A
4	7459.250	53.25	1.14	74.0	-20.75	Peak	199.00	400	Vertical	Pass
4**	7459.250	43.82	1.14	54.0	-10.18	AV	199.00	400	Vertical	Pass
5	11208.863	48.99	-4.08	74.0	-25.01	Peak	306.00	100	Vertical	Pass
5**	11208.863	39.73	-4.08	54.0	-14.27	AV	306.00	100	Vertical	Pass
6	16042.276	51.32	-0.11	74.0	-22.68	Peak	0.00	200	Vertical	Pass
6**	16042.276	41.74	-0.11	54.0	-12.26	AV	0.00	200	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.200	37.40	-17.35	74.0	-36.60	Peak	77.00	300	Horizontal	Pass
1**	1583.200	28.06	-17.35	54.0	-25.94	AV	77.00	300	Horizontal	Pass
2	4379.500	47.28	-3.97	74.0	-26.72	Peak	139.00	100	Horizontal	Pass
2**	4379.500	39.07	-3.97	54.0	-14.93	AV	139.00	100	Horizontal	Pass
3	5584.250	95.25	-2.93	--	--	Peak	96.00	150	Horizontal	N/A
3**	5584.250	87.56	-2.93	--	--	AV	96.00	150	Horizontal	N/A
4	7525.500	53.46	0.79	74.0	-20.54	Peak	0.00	400	Horizontal	Pass
4**	7525.500	43.20	0.79	54.0	-10.80	AV	0.00	400	Horizontal	Pass
5	12674.000	49.26	-2.32	74.0	-24.74	Peak	43.00	100	Horizontal	Pass
5**	12674.000	40.99	-2.32	54.0	-13.01	AV	43.00	100	Horizontal	Pass
6	16182.187	52.00	-0.45	74.0	-22.00	Peak	225.00	100	Horizontal	Pass
6**	16182.187	42.58	-0.45	54.0	-11.42	AV	225.00	100	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	37.57	-17.43	74.0	-36.43	Peak	131.00	400	Vertical	Pass
1**	1513.700	27.40	-17.43	54.0	-26.60	AV	131.00	400	Vertical	Pass
2	4280.000	47.33	-4.67	74.0	-26.67	Peak	327.00	300	Vertical	Pass
2**	4280.000	37.97	-4.67	54.0	-16.03	AV	327.00	300	Vertical	Pass
3	5592.750	86.05	-3.25	--	--	Peak	46.00	150	Vertical	N/A
3**	5592.750	79.63	-3.25	--	--	AV	46.00	150	Vertical	N/A
4	7733.000	52.09	-0.25	74.0	-21.91	Peak	226.00	200	Vertical	Pass
4**	7733.000	42.97	-0.25	54.0	-11.03	AV	226.00	200	Vertical	Pass
5	12453.125	49.17	-2.17	74.0	-24.83	Peak	197.00	200	Vertical	Pass
5**	12453.125	39.54	-2.17	54.0	-14.46	AV	197.00	200	Vertical	Pass
6	16160.925	51.92	-0.46	74.0	-22.08	Peak	127.00	100	Vertical	Pass
6**	16160.925	42.40	-0.46	54.0	-11.60	AV	127.00	100	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.800	38.03	-17.39	74.0	-35.97	Peak	128.00	400	Horizontal	Pass
1**	1503.800	28.35	-17.39	54.0	-25.65	AV	128.00	400	Horizontal	Pass
2	4381.000	47.51	-3.96	74.0	-26.49	Peak	29.00	300	Horizontal	Pass
2**	4381.000	38.81	-3.96	54.0	-15.19	AV	29.00	300	Horizontal	Pass
3	5672.750	91.92	-3.38	--	--	Peak	90.00	150	Horizontal	N/A
3**	5672.750	84.65	-3.38	--	--	AV	90.00	150	Horizontal	N/A
4	7501.250	52.69	-0.49	74.0	-21.31	Peak	46.00	300	Horizontal	Pass
4**	7501.250	42.94	-0.49	54.0	-11.06	AV	46.00	300	Horizontal	Pass
5	10684.463	49.07	-4.79	74.0	-24.93	Peak	113.00	100	Horizontal	Pass
5**	10684.463	39.99	-4.79	54.0	-14.01	AV	113.00	100	Horizontal	Pass
6	16182.713	51.72	-0.45	74.0	-22.28	Peak	159.00	100	Horizontal	Pass
6**	16182.713	42.42	-0.45	54.0	-11.58	AV	159.00	100	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.600	37.05	-17.54	74.0	-36.95	Peak	292.00	100	Vertical	Pass
1**	1573.600	28.44	-17.54	54.0	-25.56	AV	292.00	100	Vertical	Pass
2	4260.000	48.40	-4.48	74.0	-25.60	Peak	320.00	100	Vertical	Pass
2**	4260.000	38.20	-4.48	54.0	-15.80	AV	320.00	100	Vertical	Pass
3	5666.500	86.53	-3.22	--	--	Peak	37.00	150	Vertical	N/A
3**	5666.500	79.18	-3.22	--	--	AV	37.00	150	Vertical	N/A
4	7448.750	53.29	0.52	74.0	-20.71	Peak	312.00	400	Vertical	Pass
4**	7448.750	43.15	0.52	54.0	-10.85	AV	312.00	400	Vertical	Pass
5	12432.700	48.83	-2.42	74.0	-25.17	Peak	246.00	150	Vertical	Pass
5**	12432.700	39.74	-2.42	54.0	-14.26	AV	246.00	150	Vertical	Pass
6	16159.612	51.78	-0.46	74.0	-22.22	Peak	211.00	200	Vertical	Pass
6**	16159.612	43.02	-0.46	54.0	-10.98	AV	211.00	200	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.200	37.99	-17.39	74.0	-36.01	Peak	112.00	100	Horizontal	Pass
1**	1605.200	28.64	-17.39	54.0	-25.36	AV	112.00	100	Horizontal	Pass
2	4271.000	48.02	-4.90	74.0	-25.98	Peak	285.00	300	Horizontal	Pass
2**	4271.000	37.57	-4.90	54.0	-16.43	AV	285.00	300	Horizontal	Pass
3	5501.500	98.82	-3.15	--	--	Peak	90.00	150	Horizontal	N/A
3**	5501.500	92.26	-3.15	--	--	AV	90.00	150	Horizontal	N/A
4	7457.500	52.83	1.14	74.0	-21.17	Peak	199.00	100	Horizontal	Pass
4**	7457.500	44.07	1.14	54.0	-9.93	AV	199.00	100	Horizontal	Pass
5	12679.224	49.58	-2.32	74.0	-24.42	Peak	126.00	100	Horizontal	Pass
5**	12679.224	40.21	-2.32	54.0	-13.79	AV	126.00	100	Horizontal	Pass
6	16166.438	51.35	-0.46	74.0	-22.65	Peak	241.00	300	Horizontal	Pass
6**	16166.438	42.55	-0.46	54.0	-11.45	AV	241.00	300	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.400	37.35	-17.38	74.0	-36.65	Peak	260.00	200	Vertical	Pass
1**	1511.400	28.20	-17.38	54.0	-25.80	AV	260.00	200	Vertical	Pass
2	4384.500	47.81	-3.97	74.0	-26.19	Peak	182.00	300	Vertical	Pass
2**	4384.500	38.56	-3.97	54.0	-15.44	AV	182.00	300	Vertical	Pass
3	5498.500	88.35	-3.32	--	--	Peak	46.00	100	Vertical	N/A
3**	5498.500	80.77	-3.32	--	--	AV	46.00	100	Vertical	N/A
4	7459.750	52.66	1.14	74.0	-21.34	Peak	292.00	200	Vertical	Pass
4**	7459.750	43.36	1.14	54.0	-10.64	AV	292.00	200	Vertical	Pass
5	12433.887	49.53	-2.40	74.0	-24.47	Peak	246.00	100	Vertical	Pass
5**	12433.887	40.01	-2.40	54.0	-13.99	AV	246.00	100	Vertical	Pass
6	16158.300	51.56	-0.46	74.0	-22.44	Peak	159.00	100	Vertical	Pass
6**	16158.300	43.11	-0.46	54.0	-10.89	AV	159.00	100	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.600	37.53	-17.75	74.0	-36.47	Peak	360.00	200	Horizontal	Pass
1**	1549.600	27.94	-17.75	54.0	-26.06	AV	360.00	200	Horizontal	Pass
2	4296.500	47.35	-4.43	74.0	-26.65	Peak	335.00	300	Horizontal	Pass
2**	4296.500	38.12	-4.43	54.0	-15.88	AV	335.00	300	Horizontal	Pass
3	5582.750	97.63	-2.84	--	--	Peak	90.00	150	Horizontal	N/A
3**	5582.750	90.00	-2.84	--	--	AV	90.00	150	Horizontal	N/A
4	7461.500	53.47	1.12	74.0	-20.53	Peak	318.00	200	Horizontal	Pass
4**	7461.500	44.10	1.12	54.0	-9.90	AV	318.00	200	Horizontal	Pass
5	12677.800	49.43	-2.32	74.0	-24.57	Peak	150.00	100	Horizontal	Pass
5**	12677.800	40.19	-2.32	54.0	-13.81	AV	150.00	100	Horizontal	Pass
6	15770.325	51.67	-0.85	74.0	-22.33	Peak	282.00	400	Horizontal	Pass
6**	15770.325	40.92	-0.85	54.0	-13.08	AV	282.00	400	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.500	37.60	-17.34	74.0	-36.40	Peak	134.00	100	Vertical	Pass
1**	1457.500	27.74	-17.34	54.0	-26.26	AV	134.00	100	Vertical	Pass
2	4235.250	48.40	-5.08	74.0	-25.60	Peak	218.00	100	Vertical	Pass
2**	4235.250	37.65	-5.08	54.0	-16.35	AV	218.00	100	Vertical	Pass
3	5578.000	88.65	-2.89	--	--	Peak	56.00	100	Vertical	N/A
3**	5578.000	80.45	-2.89	--	--	AV	56.00	100	Vertical	N/A
4	7472.000	53.04	0.76	74.0	-20.96	Peak	360.00	100	Vertical	Pass
4**	7472.000	43.79	0.76	54.0	-10.21	AV	360.00	100	Vertical	Pass
5	12435.550	49.49	-2.37	74.0	-24.51	Peak	124.00	100	Vertical	Pass
5**	12435.550	40.65	-2.37	54.0	-13.35	AV	124.00	100	Vertical	Pass
6	16190.063	51.66	-0.44	74.0	-22.34	Peak	342.00	400	Vertical	Pass
6**	16190.063	42.55	-0.44	54.0	-11.45	AV	342.00	400	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.100	37.79	-17.28	74.0	-36.21	Peak	239.00	200	Horizontal	Pass
1**	1449.100	28.93	-17.28	54.0	-25.07	AV	239.00	200	Horizontal	Pass
2	4297.250	48.00	-4.49	74.0	-26.00	Peak	241.00	400	Horizontal	Pass
2**	4297.250	39.20	-4.49	54.0	-14.80	AV	241.00	400	Horizontal	Pass
3	5701.500	93.07	-2.86	--	--	Peak	98.00	100	Horizontal	N/A
3**	5701.500	86.46	-2.86	--	--	AV	98.00	100	Horizontal	N/A
4	7515.000	52.72	0.84	74.0	-21.28	Peak	149.00	300	Horizontal	Pass
4**	7515.000	43.34	0.84	54.0	-10.66	AV	149.00	300	Horizontal	Pass
5	12692.287	49.46	-2.33	74.0	-24.54	Peak	163.00	200	Horizontal	Pass
5**	12692.287	39.52	-2.33	54.0	-14.48	AV	163.00	200	Horizontal	Pass
6	16039.388	51.48	-0.11	74.0	-22.52	Peak	111.00	100	Horizontal	Pass
6**	16039.388	41.45	-0.11	54.0	-12.55	AV	111.00	100	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	37.81	-17.28	74.0	-36.19	Peak	199.00	400	Vertical	Pass
1**	1441.000	28.96	-17.28	54.0	-25.04	AV	199.00	400	Vertical	Pass
2	4361.000	47.61	-4.30	74.0	-26.39	Peak	303.00	100	Vertical	Pass
2**	4361.000	38.39	-4.30	54.0	-15.61	AV	303.00	100	Vertical	Pass
3	5702.500	87.57	-2.91	--	--	Peak	37.00	200	Vertical	N/A
3**	5702.500	80.32	-2.91	--	--	AV	37.00	200	Vertical	N/A
4	7463.750	52.80	0.97	74.0	-21.20	Peak	31.00	200	Vertical	Pass
4**	7463.750	43.70	0.97	54.0	-10.30	AV	31.00	200	Vertical	Pass
5	12437.925	49.51	-2.34	74.0	-24.49	Peak	175.00	100	Vertical	Pass
5**	12437.925	40.79	-2.34	54.0	-13.21	AV	175.00	100	Vertical	Pass
6	16167.487	51.66	-0.46	74.0	-22.34	Peak	275.00	100	Vertical	Pass
6**	16167.487	42.29	-0.46	54.0	-11.71	AV	275.00	100	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.000	37.60	-17.26	74.0	-36.40	Peak	163.00	200	Horizontal	Pass
1**	1442.000	29.00	-17.26	54.0	-25.00	AV	163.00	200	Horizontal	Pass
2	4308.250	47.84	-4.22	74.0	-26.16	Peak	293.00	200	Horizontal	Pass
2**	4308.250	38.83	-4.22	54.0	-15.17	AV	293.00	200	Horizontal	Pass
3	5507.500	96.42	-3.25	--	--	Peak	107.00	100	Horizontal	N/A
3**	5507.500	89.22	-3.25	--	--	AV	107.00	100	Horizontal	N/A
4	7533.000	52.66	0.71	74.0	-21.34	Peak	337.00	300	Horizontal	Pass
4**	7533.000	43.45	0.71	54.0	-10.55	AV	337.00	300	Horizontal	Pass
5	12672.812	49.16	-2.32	74.0	-24.84	Peak	0.00	100	Horizontal	Pass
5**	12672.812	40.01	-2.32	54.0	-13.99	AV	0.00	100	Horizontal	Pass
6	16189.799	51.97	-0.44	74.0	-22.03	Peak	324.00	200	Horizontal	Pass
6**	16189.799	42.12	-0.44	54.0	-11.88	AV	324.00	200	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.400	37.84	-17.37	74.0	-36.16	Peak	239.00	100	Vertical	Pass
1**	1583.400	27.63	-17.37	54.0	-26.37	AV	239.00	100	Vertical	Pass
2	4388.000	47.73	-4.03	74.0	-26.27	Peak	302.00	300	Vertical	Pass
2**	4388.000	38.07	-4.03	54.0	-15.93	AV	302.00	300	Vertical	Pass
3	5507.500	85.37	-3.25	--	--	Peak	63.00	150	Vertical	N/A
3**	5507.500	77.96	-3.25	--	--	AV	63.00	150	Vertical	N/A
4	7453.500	52.30	1.06	74.0	-21.70	Peak	80.00	100	Vertical	Pass
4**	7453.500	44.16	1.06	54.0	-9.84	AV	80.00	100	Vertical	Pass
5	12669.487	48.83	-2.31	74.0	-25.17	Peak	294.00	200	Vertical	Pass
5**	12669.487	39.83	-2.31	54.0	-14.17	AV	294.00	200	Vertical	Pass
6	16170.637	51.45	-0.46	74.0	-22.55	Peak	25.00	400	Vertical	Pass
6**	16170.637	42.59	-0.46	54.0	-11.41	AV	25.00	400	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.000	37.36	-17.48	74.0	-36.64	Peak	265.00	200	Horizontal	Pass
1**	1476.000	27.77	-17.48	54.0	-26.23	AV	265.00	200	Horizontal	Pass
2	4304.750	47.43	-4.23	74.0	-26.57	Peak	310.00	300	Horizontal	Pass
2**	4304.750	38.47	-4.23	54.0	-15.53	AV	310.00	300	Horizontal	Pass
3	5507.500	96.24	-3.25	--	--	Peak	88.00	200	Horizontal	N/A
3**	5507.500	88.54	-3.25	--	--	AV	88.00	200	Horizontal	N/A
4	7700.250	52.61	1.71	74.0	-21.39	Peak	241.00	400	Horizontal	Pass
4**	7700.250	42.26	1.71	54.0	-11.74	AV	241.00	400	Horizontal	Pass
5	12654.525	49.61	-2.30	74.0	-24.39	Peak	361.00	150	Horizontal	Pass
5**	12654.525	40.11	-2.30	54.0	-13.89	AV	361.00	150	Horizontal	Pass
6	16184.549	51.40	-0.45	74.0	-22.60	Peak	175.00	400	Horizontal	Pass
6**	16184.549	42.48	-0.45	54.0	-11.52	AV	175.00	400	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.900	37.86	-17.46	74.0	-36.14	Peak	87.00	200	Vertical	Pass
1**	1494.900	28.34	-17.46	54.0	-25.66	AV	87.00	200	Vertical	Pass
2	4275.500	47.32	-4.97	74.0	-26.68	Peak	115.00	200	Vertical	Pass
2**	4275.500	38.34	-4.97	54.0	-15.66	AV	115.00	200	Vertical	Pass
3	5588.000	85.89	-3.09	--	--	Peak	54.00	200	Vertical	N/A
3**	5588.000	78.14	-3.09	--	--	AV	54.00	200	Vertical	N/A
4	7552.000	52.24	-0.29	74.0	-21.76	Peak	260.00	300	Vertical	Pass
4**	7552.000	42.55	-0.29	54.0	-11.45	AV	260.00	300	Vertical	Pass
5	12033.937	49.38	-3.41	74.0	-24.62	Peak	7.00	200	Vertical	Pass
5**	12033.937	39.05	-3.41	54.0	-14.95	AV	7.00	200	Vertical	Pass
6	16155.150	51.79	-0.46	74.0	-22.21	Peak	25.00	400	Vertical	Pass
6**	16155.150	43.39	-0.46	54.0	-10.61	AV	25.00	400	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.900	37.74	-17.44	74.0	-36.26	Peak	49.00	100	Horizontal	Pass
1**	1613.900	27.23	-17.44	54.0	-26.77	AV	49.00	100	Horizontal	Pass
2	4325.250	47.53	-4.96	74.0	-26.47	Peak	38.00	400	Horizontal	Pass
2**	4325.250	38.22	-4.96	54.0	-15.78	AV	38.00	400	Horizontal	Pass
3	5666.750	91.63	-3.25	--	--	Peak	107.00	150	Horizontal	N/A
3**	5666.750	83.73	-3.25	--	--	AV	107.00	150	Horizontal	N/A
4	7465.000	52.70	0.79	74.0	-21.30	Peak	312.00	200	Horizontal	Pass
4**	7465.000	43.77	0.79	54.0	-10.23	AV	312.00	200	Horizontal	Pass
5	11219.075	49.19	-4.12	74.0	-24.81	Peak	360.00	100	Horizontal	Pass
5**	11219.075	38.64	-4.12	54.0	-15.36	AV	360.00	100	Horizontal	Pass
6	16195.838	52.15	-0.44	74.0	-21.85	Peak	362.00	100	Horizontal	Pass
6**	16195.838	42.27	-0.44	54.0	-11.73	AV	362.00	100	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	38.45	-17.40	74.0	-35.55	Peak	233.00	400	Vertical	Pass
1**	1512.800	28.36	-17.40	54.0	-25.64	AV	233.00	400	Vertical	Pass
2	4301.750	48.36	-4.47	74.0	-25.64	Peak	228.00	400	Vertical	Pass
2**	4301.750	38.89	-4.47	54.0	-15.11	AV	228.00	400	Vertical	Pass
3	5668.000	84.12	-3.33	--	--	Peak	88.00	100	Vertical	N/A
3**	5668.000	76.71	-3.33	--	--	AV	88.00	100	Vertical	N/A
4	7694.250	52.19	1.68	74.0	-21.81	Peak	278.00	100	Vertical	Pass
4**	7694.250	42.89	1.68	54.0	-11.11	AV	278.00	100	Vertical	Pass
5	11800.001	49.20	-3.53	74.0	-24.80	Peak	91.00	200	Vertical	Pass
5**	11800.001	39.44	-3.53	54.0	-14.56	AV	91.00	200	Vertical	Pass
6	16173.000	51.47	-0.45	74.0	-22.53	Peak	179.00	200	Vertical	Pass
6**	16173.000	42.81	-0.45	54.0	-11.19	AV	179.00	200	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.300	38.05	-17.59	74.0	-35.95	Peak	4.00	300	Horizontal	Pass
1**	1526.300	28.44	-17.59	54.0	-25.56	AV	4.00	300	Horizontal	Pass
2	4216.250	46.98	-5.64	74.0	-27.02	Peak	80.00	400	Horizontal	Pass
2**	4216.250	37.81	-5.64	54.0	-16.19	AV	80.00	400	Horizontal	Pass
3	5536.250	93.71	-2.99	--	--	Peak	88.00	200	Horizontal	N/A
3**	5536.250	85.95	-2.99	--	--	AV	88.00	200	Horizontal	N/A
4	7511.750	53.36	0.48	74.0	-20.64	Peak	107.00	200	Horizontal	Pass
4**	7511.750	44.29	0.48	54.0	-9.71	AV	107.00	200	Horizontal	Pass
5	12678.988	48.82	-2.32	74.0	-25.18	Peak	67.00	100	Horizontal	Pass
5**	12678.988	40.40	-2.32	54.0	-13.60	AV	67.00	100	Horizontal	Pass
6	16184.287	51.77	-0.45	74.0	-22.23	Peak	0.00	400	Horizontal	Pass
6**	16184.287	43.11	-0.45	54.0	-10.89	AV	0.00	400	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.600	37.71	-17.28	74.0	-36.29	Peak	280.00	200	Vertical	Pass
1**	1481.600	28.24	-17.28	54.0	-25.76	AV	280.00	200	Vertical	Pass
2	4313.000	47.54	-4.32	74.0	-26.46	Peak	322.00	200	Vertical	Pass
2**	4313.000	37.83	-4.32	54.0	-16.17	AV	322.00	200	Vertical	Pass
3	5536.750	80.94	-3.02	--	--	Peak	151.00	150	Vertical	N/A
3**	5536.750	73.39	-3.02	--	--	AV	151.00	150	Vertical	N/A
4	7567.000	52.94	-0.01	74.0	-21.06	Peak	73.00	400	Vertical	Pass
4**	7567.000	43.32	-0.01	54.0	-10.68	AV	73.00	400	Vertical	Pass
5	11807.838	49.43	-3.48	74.0	-24.57	Peak	138.00	200	Vertical	Pass
5**	11807.838	39.21	-3.48	54.0	-14.79	AV	138.00	200	Vertical	Pass
6	15539.325	50.99	-0.59	74.0	-23.01	Peak	175.00	400	Vertical	Pass
6**	15539.325	41.80	-0.59	54.0	-12.20	AV	175.00	400	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	37.53	-17.32	74.0	-36.47	Peak	180.00	300	Horizontal	Pass
1**	1440.000	28.05	-17.32	54.0	-25.95	AV	180.00	300	Horizontal	Pass
2	4340.750	47.57	-4.74	74.0	-26.43	Peak	260.00	100	Horizontal	Pass
2**	4340.750	38.19	-4.74	54.0	-15.81	AV	260.00	100	Horizontal	Pass
3	5603.500	93.02	-2.98	--	--	Peak	98.00	200	Horizontal	N/A
3**	5603.500	86.00	-2.98	--	--	AV	98.00	200	Horizontal	N/A
4	7464.750	52.56	0.83	74.0	-21.44	Peak	174.00	100	Horizontal	Pass
4**	7464.750	44.11	0.83	54.0	-9.89	AV	174.00	100	Horizontal	Pass
5	11814.013	49.40	-3.44	74.0	-24.60	Peak	5.00	200	Horizontal	Pass
5**	11814.013	38.79	-3.44	54.0	-15.21	AV	5.00	200	Horizontal	Pass
6	16148.588	52.20	-0.48	74.0	-21.80	Peak	159.00	300	Horizontal	Pass
6**	16148.588	42.02	-0.48	54.0	-11.98	AV	159.00	300	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.100	37.20	-17.63	74.0	-36.80	Peak	323.00	200	Vertical	Pass
1**	1520.100	27.87	-17.63	54.0	-26.13	AV	323.00	200	Vertical	Pass
2	4313.250	47.61	-4.33	74.0	-26.39	Peak	174.00	300	Vertical	Pass
2**	4313.250	38.37	-4.33	54.0	-15.63	AV	174.00	300	Vertical	Pass
3	5603.500	81.95	-2.98	--	--	Peak	225.00	100	Vertical	N/A
3**	5603.500	73.71	-2.98	--	--	AV	225.00	100	Vertical	N/A
4	7476.750	52.71	0.39	74.0	-21.29	Peak	360.00	100	Vertical	Pass
4**	7476.750	43.31	0.39	54.0	-10.69	AV	360.00	100	Vertical	Pass
5	12309.437	49.05	-2.51	74.0	-24.95	Peak	66.00	150	Vertical	Pass
5**	12309.437	40.06	-2.51	54.0	-13.94	AV	66.00	150	Vertical	Pass
6	16161.974	52.03	-0.46	74.0	-21.97	Peak	308.00	300	Vertical	Pass
6**	16161.974	42.67	-0.46	54.0	-11.33	AV	308.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.700	37.96	-17.69	74.0	-36.04	Peak	322.00	400	Horizontal	Pass
1**	1531.700	28.14	-17.69	54.0	-25.86	AV	322.00	400	Horizontal	Pass
2	4190.250	47.29	-5.12	74.0	-26.71	Peak	297.00	300	Horizontal	Pass
2**	4190.250	37.68	-5.12	54.0	-16.32	AV	297.00	300	Horizontal	Pass
3	5745.750	94.06	-2.86	--	--	Peak	100.00	100	Horizontal	N/A
3**	5745.750	85.77	-2.86	--	--	AV	100.00	100	Horizontal	N/A
4	7456.500	52.67	1.14	74.0	-21.33	Peak	271.00	400	Horizontal	Pass
4**	7456.500	44.73	1.14	54.0	-9.27	AV	271.00	400	Horizontal	Pass
5	12307.537	49.06	-2.49	74.0	-24.94	Peak	100.00	150	Horizontal	Pass
5**	12307.537	39.03	-2.49	54.0	-14.97	AV	100.00	150	Horizontal	Pass
6	15787.388	51.50	-0.77	74.0	-22.50	Peak	99.00	400	Horizontal	Pass
6**	15787.388	41.50	-0.77	54.0	-12.50	AV	99.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.000	37.53	-17.38	74.0	-36.47	Peak	85.00	100	Vertical	Pass
1**	1504.000	27.66	-17.38	54.0	-26.34	AV	85.00	100	Vertical	Pass
2	4384.250	47.27	-3.95	74.0	-26.73	Peak	38.00	200	Vertical	Pass
2**	4384.250	38.44	-3.95	54.0	-15.56	AV	38.00	200	Vertical	Pass
3	5743.500	86.78	-3.01	--	--	Peak	38.00	200	Vertical	N/A
3**	5743.500	78.88	-3.01	--	--	AV	38.00	200	Vertical	N/A
4	7516.500	52.86	0.93	74.0	-21.14	Peak	54.00	200	Vertical	Pass
4**	7516.500	44.36	0.93	54.0	-9.64	AV	54.00	200	Vertical	Pass
5	11710.224	49.19	-4.15	74.0	-24.81	Peak	175.00	150	Vertical	Pass
5**	11710.224	39.18	-4.15	54.0	-14.82	AV	175.00	150	Vertical	Pass
6	16170.900	51.31	-0.46	74.0	-22.69	Peak	262.00	400	Vertical	Pass
6**	16170.900	43.07	-0.46	54.0	-10.93	AV	262.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.400	37.54	-17.37	74.0	-36.46	Peak	11.00	400	Horizontal	Pass
1**	1490.400	28.39	-17.37	54.0	-25.61	AV	11.00	400	Horizontal	Pass
2	4320.750	47.20	-4.66	74.0	-26.80	Peak	0.00	300	Horizontal	Pass
2**	4320.750	38.23	-4.66	54.0	-15.77	AV	0.00	300	Horizontal	Pass
3	5786.500	94.90	-3.10	--	--	Peak	100.00	150	Horizontal	N/A
3**	5786.500	87.92	-3.10	--	--	AV	100.00	150	Horizontal	N/A
4	7458.250	52.64	1.14	74.0	-21.36	Peak	360.00	100	Horizontal	Pass
4**	7458.250	43.72	1.14	54.0	-10.28	AV	360.00	100	Horizontal	Pass
5	11798.575	49.48	-3.55	74.0	-24.52	Peak	245.00	150	Horizontal	Pass
5**	11798.575	39.90	-3.55	54.0	-14.10	AV	245.00	150	Horizontal	Pass
6	16165.387	51.13	-0.46	74.0	-22.87	Peak	297.00	300	Horizontal	Pass
6**	16165.387	43.12	-0.46	54.0	-10.88	AV	297.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.800	37.36	-17.75	74.0	-36.64	Peak	360.00	300	Vertical	Pass
1**	1590.800	27.86	-17.75	54.0	-26.14	AV	360.00	300	Vertical	Pass
2	4310.000	47.74	-4.31	74.0	-26.26	Peak	322.00	200	Vertical	Pass
2**	4310.000	38.75	-4.31	54.0	-15.25	AV	322.00	200	Vertical	Pass
3	5786.750	86.79	-3.11	--	--	Peak	0.00	150	Vertical	N/A
3**	5786.750	78.99	-3.11	--	--	AV	0.00	150	Vertical	N/A
4	7461.750	53.14	1.11	74.0	-20.86	Peak	127.00	100	Vertical	Pass
4**	7461.750	44.75	1.11	54.0	-9.25	AV	127.00	100	Vertical	Pass
5	12693.713	49.14	-2.33	74.0	-24.86	Peak	327.00	150	Vertical	Pass
5**	12693.713	40.04	-2.33	54.0	-13.96	AV	327.00	150	Vertical	Pass
6	16187.963	51.15	-0.44	74.0	-22.85	Peak	360.00	300	Vertical	Pass
6**	16187.963	42.29	-0.44	54.0	-11.71	AV	360.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.200	37.27	-17.44	74.0	-36.73	Peak	267.00	200	Horizontal	Pass
1**	1475.200	29.28	-17.44	54.0	-24.72	AV	267.00	200	Horizontal	Pass
2	4297.250	47.15	-4.49	74.0	-26.85	Peak	158.00	100	Horizontal	Pass
2**	4297.250	38.57	-4.49	54.0	-15.43	AV	158.00	100	Horizontal	Pass
3	5826.750	97.51	-2.91	--	--	Peak	99.00	100	Horizontal	N/A
3**	5826.750	90.16	-2.91	--	--	AV	99.00	100	Horizontal	N/A
4	7455.750	52.71	1.15	74.0	-21.29	Peak	175.00	300	Horizontal	Pass
4**	7455.750	43.92	1.15	54.0	-10.08	AV	175.00	300	Horizontal	Pass
5	12653.338	49.06	-2.30	74.0	-24.94	Peak	151.00	150	Horizontal	Pass
5**	12653.338	40.34	-2.30	54.0	-13.66	AV	151.00	150	Horizontal	Pass
6	16181.137	52.03	-0.45	74.0	-21.97	Peak	360.00	300	Horizontal	Pass
6**	16181.137	42.86	-0.45	54.0	-11.14	AV	360.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.300	37.74	-17.59	74.0	-36.26	Peak	339.00	200	Vertical	Pass
1**	1526.300	28.62	-17.59	54.0	-25.38	AV	339.00	200	Vertical	Pass
2	4294.750	47.82	-4.44	74.0	-26.18	Peak	209.00	400	Vertical	Pass
2**	4294.750	38.56	-4.44	54.0	-15.44	AV	209.00	400	Vertical	Pass
3	5826.500	88.16	-2.94	--	--	Peak	29.00	150	Vertical	N/A
3**	5826.500	80.97	-2.94	--	--	AV	29.00	150	Vertical	N/A
4	7516.750	52.74	0.93	74.0	-21.26	Peak	209.00	400	Vertical	Pass
4**	7516.750	43.03	0.93	54.0	-10.97	AV	209.00	400	Vertical	Pass
5	12431.037	48.83	-2.44	74.0	-25.17	Peak	31.00	200	Vertical	Pass
5**	12431.037	39.61	-2.44	54.0	-14.39	AV	31.00	200	Vertical	Pass
6	16161.450	51.73	-0.46	74.0	-22.27	Peak	360.00	100	Vertical	Pass
6**	16161.450	42.18	-0.46	54.0	-11.82	AV	360.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.200	38.56	-17.35	74.0	-35.44	Peak	41.00	300	Horizontal	Pass
1**	1583.200	29.37	-17.35	54.0	-24.63	AV	41.00	300	Horizontal	Pass
2	4293.750	47.53	-4.51	74.0	-26.47	Peak	74.00	200	Horizontal	Pass
2**	4293.750	37.97	-4.51	54.0	-16.03	AV	74.00	200	Horizontal	Pass
3	5743.250	93.43	-3.02	--	--	Peak	83.00	100	Horizontal	N/A
3**	5743.250	85.85	-3.02	--	--	AV	83.00	100	Horizontal	N/A
4	7470.750	52.78	0.71	74.0	-21.22	Peak	178.00	300	Horizontal	Pass
4**	7470.750	43.11	0.71	54.0	-10.89	AV	178.00	300	Horizontal	Pass
5	12405.387	49.05	-2.83	74.0	-24.95	Peak	349.00	100	Horizontal	Pass
5**	12405.387	39.22	-2.83	54.0	-14.78	AV	349.00	100	Horizontal	Pass
6	16174.576	51.85	-0.45	74.0	-22.15	Peak	198.00	300	Horizontal	Pass
6**	16174.576	43.02	-0.45	54.0	-10.98	AV	198.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.700	37.53	-17.56	74.0	-36.47	Peak	247.00	300	Vertical	Pass
1**	1569.700	28.54	-17.56	54.0	-25.46	AV	247.00	300	Vertical	Pass
2	4321.000	47.60	-4.68	74.0	-26.40	Peak	360.00	200	Vertical	Pass
2**	4321.000	38.04	-4.68	54.0	-15.96	AV	360.00	200	Vertical	Pass
3	5746.500	93.06	-2.89	--	--	Peak	93.00	150	Vertical	N/A
3**	5746.500	85.87	-2.89	--	--	AV	93.00	150	Vertical	N/A
4	7517.000	53.13	0.92	74.0	-20.87	Peak	51.00	100	Vertical	Pass
4**	7517.000	42.84	0.92	54.0	-11.16	AV	51.00	100	Vertical	Pass
5	12442.675	49.72	-2.26	74.0	-24.28	Peak	196.00	100	Vertical	Pass
5**	12442.675	40.77	-2.26	54.0	-13.23	AV	196.00	100	Vertical	Pass
6	16124.963	51.47	-0.72	74.0	-22.53	Peak	360.00	300	Vertical	Pass
6**	16124.963	42.26	-0.72	54.0	-11.74	AV	360.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	37.21	-17.29	74.0	-36.79	Peak	262.00	400	Horizontal	Pass
1**	1498.400	28.54	-17.29	54.0	-25.46	AV	262.00	400	Horizontal	Pass
2	4367.000	47.62	-4.11	74.0	-26.38	Peak	56.00	200	Horizontal	Pass
2**	4367.000	38.20	-4.11	54.0	-15.80	AV	56.00	200	Horizontal	Pass
3	5787.250	94.44	-3.15	--	--	Peak	82.00	100	Horizontal	N/A
3**	5787.250	87.34	-3.15	--	--	AV	82.00	100	Horizontal	N/A
4	7463.500	53.38	1.01	74.0	-20.62	Peak	141.00	200	Horizontal	Pass
4**	7463.500	43.48	1.01	54.0	-10.52	AV	141.00	200	Horizontal	Pass
5	12682.550	48.97	-2.32	74.0	-25.03	Peak	127.00	100	Horizontal	Pass
5**	12682.550	40.32	-2.32	54.0	-13.68	AV	127.00	100	Horizontal	Pass
6	16169.588	51.93	-0.46	74.0	-22.07	Peak	350.00	400	Horizontal	Pass
6**	16169.588	42.56	-0.46	54.0	-11.44	AV	350.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.500	37.34	-17.33	74.0	-36.66	Peak	58.00	200	Vertical	Pass
1**	1488.500	27.62	-17.33	54.0	-26.38	AV	58.00	200	Vertical	Pass
2	4324.000	47.37	-4.91	74.0	-26.63	Peak	176.00	100	Vertical	Pass
2**	4324.000	38.03	-4.91	54.0	-15.97	AV	176.00	100	Vertical	Pass
3	5783.750	86.26	-3.19	--	--	Peak	339.00	200	Vertical	N/A
3**	5783.750	79.11	-3.19	--	--	AV	339.00	200	Vertical	N/A
4	7454.750	53.29	1.18	74.0	-20.71	Peak	117.00	100	Vertical	Pass
4**	7454.750	44.00	1.18	54.0	-10.00	AV	117.00	100	Vertical	Pass
5	12671.150	49.77	-2.31	74.0	-24.23	Peak	43.00	100	Vertical	Pass
5**	12671.150	41.01	-2.31	54.0	-12.99	AV	43.00	100	Vertical	Pass
6	16160.400	51.61	-0.46	74.0	-22.39	Peak	67.00	100	Vertical	Pass
6**	16160.400	42.36	-0.46	54.0	-11.64	AV	67.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.100	37.13	-17.64	74.0	-36.87	Peak	75.00	100	Horizontal	Pass
1**	1568.100	27.66	-17.64	54.0	-26.34	AV	75.00	100	Horizontal	Pass
2	4198.000	47.13	-5.43	74.0	-26.87	Peak	107.00	100	Horizontal	Pass
2**	4198.000	37.68	-5.43	54.0	-16.32	AV	107.00	100	Horizontal	Pass
3	5826.250	95.73	-2.97	--	--	Peak	107.00	150	Horizontal	N/A
3**	5826.250	88.42	-2.97	--	--	AV	107.00	150	Horizontal	N/A
4	7488.000	52.93	-0.25	74.0	-21.07	Peak	141.00	100	Horizontal	Pass
4**	7488.000	43.13	-0.25	54.0	-10.87	AV	141.00	100	Horizontal	Pass
5	12431.513	49.48	-2.43	74.0	-24.52	Peak	340.00	150	Horizontal	Pass
5**	12431.513	40.37	-2.43	54.0	-13.63	AV	340.00	150	Horizontal	Pass
6	16196.362	51.66	-0.44	74.0	-22.34	Peak	115.00	400	Horizontal	Pass
6**	16196.362	42.57	-0.44	54.0	-11.43	AV	115.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.800	37.62	-17.33	74.0	-36.38	Peak	325.00	200	Vertical	Pass
1**	1483.800	28.73	-17.33	54.0	-25.27	AV	325.00	200	Vertical	Pass
2	4382.750	47.65	-3.95	74.0	-26.35	Peak	176.00	100	Vertical	Pass
2**	4382.750	38.83	-3.95	54.0	-15.17	AV	176.00	100	Vertical	Pass
3	5826.500	86.95	-2.94	--	--	Peak	348.00	200	Vertical	N/A
3**	5826.500	81.02	-2.94	--	--	AV	348.00	200	Vertical	N/A
4	7714.250	52.58	1.03	74.0	-21.42	Peak	124.00	400	Vertical	Pass
4**	7714.250	43.12	1.03	54.0	-10.88	AV	124.00	400	Vertical	Pass
5	12440.300	49.46	-2.30	74.0	-24.54	Peak	0.00	150	Vertical	Pass
5**	12440.300	40.39	-2.30	54.0	-13.61	AV	0.00	150	Vertical	Pass
6	16169.850	50.98	-0.46	74.0	-23.02	Peak	316.00	400	Vertical	Pass
6**	16169.850	42.85	-0.46	54.0	-11.15	AV	316.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.000	37.76	-17.24	74.0	-36.24	Peak	219.00	100	Horizontal	Pass
1**	1443.000	28.54	-17.24	54.0	-25.46	AV	219.00	100	Horizontal	Pass
2	4390.250	47.76	-4.30	74.0	-26.24	Peak	339.00	200	Horizontal	Pass
2**	4390.250	38.16	-4.30	54.0	-15.84	AV	339.00	200	Horizontal	Pass
3	5758.500	90.99	-2.41	--	--	Peak	100.00	100	Horizontal	N/A
3**	5758.500	83.77	-2.41	--	--	AV	100.00	100	Horizontal	N/A
4	7574.750	53.03	-0.22	74.0	-20.97	Peak	91.00	400	Horizontal	Pass
4**	7574.750	42.88	-0.22	54.0	-11.12	AV	91.00	400	Horizontal	Pass
5	12431.037	49.63	-2.44	74.0	-24.37	Peak	304.00	150	Horizontal	Pass
5**	12431.037	39.49	-2.44	54.0	-14.51	AV	304.00	150	Horizontal	Pass
6	16167.224	51.86	-0.46	74.0	-22.14	Peak	11.00	300	Horizontal	Pass
6**	16167.224	44.18	-0.46	54.0	-9.82	AV	11.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.100	38.58	-17.55	74.0	-35.42	Peak	286.00	400	Vertical	Pass
1**	1571.100	28.45	-17.55	54.0	-25.55	AV	286.00	400	Vertical	Pass
2	4391.000	47.50	-4.40	74.0	-26.50	Peak	202.00	100	Vertical	Pass
2**	4391.000	38.13	-4.40	54.0	-15.87	AV	202.00	100	Vertical	Pass
3	5756.500	83.90	-2.65	--	--	Peak	22.00	200	Vertical	N/A
3**	5756.500	75.27	-2.65	--	--	AV	22.00	200	Vertical	N/A
4	7470.000	52.72	0.63	74.0	-21.28	Peak	107.00	400	Vertical	Pass
4**	7470.000	42.93	0.63	54.0	-11.07	AV	107.00	400	Vertical	Pass
5	12195.675	48.99	-3.00	74.0	-25.01	Peak	0.00	150	Vertical	Pass
5**	12195.675	38.77	-3.00	54.0	-15.23	AV	0.00	150	Vertical	Pass
6	16162.763	51.71	-0.46	74.0	-22.29	Peak	168.00	300	Vertical	Pass
6**	16162.763	41.91	-0.46	54.0	-12.09	AV	168.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.600	37.87	-17.53	74.0	-36.13	Peak	276.00	400	Horizontal	Pass
1**	1570.600	29.15	-17.53	54.0	-24.85	AV	276.00	400	Horizontal	Pass
2	4314.000	47.68	-4.37	74.0	-26.32	Peak	126.00	200	Horizontal	Pass
2**	4314.000	38.59	-4.37	54.0	-15.41	AV	126.00	200	Horizontal	Pass
3	5793.500	92.09	-3.30	--	--	Peak	83.00	100	Horizontal	N/A
3**	5793.500	83.98	-3.30	--	--	AV	83.00	100	Horizontal	N/A
4	7461.500	52.86	1.12	74.0	-21.14	Peak	56.00	100	Horizontal	Pass
4**	7461.500	43.66	1.12	54.0	-10.34	AV	56.00	100	Horizontal	Pass
5	12672.099	49.17	-2.32	74.0	-24.83	Peak	125.00	100	Horizontal	Pass
5**	12672.099	39.87	-2.32	54.0	-14.13	AV	125.00	100	Horizontal	Pass
6	16067.474	51.62	-0.41	74.0	-22.38	Peak	360.00	400	Horizontal	Pass
6**	16067.474	41.28	-0.41	54.0	-12.72	AV	360.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.300	37.19	-17.54	74.0	-36.81	Peak	30.00	400	Vertical	Pass
1**	1516.300	28.14	-17.54	54.0	-25.86	AV	30.00	400	Vertical	Pass
2	4390.000	47.83	-4.27	74.0	-26.17	Peak	305.00	100	Vertical	Pass
2**	4390.000	38.03	-4.27	54.0	-15.97	AV	305.00	100	Vertical	Pass
3	5791.250	83.57	-3.32	--	--	Peak	22.00	100	Vertical	N/A
3**	5791.250	75.93	-3.32	--	--	AV	22.00	100	Vertical	N/A
4	7513.750	53.22	0.71	74.0	-20.78	Peak	0.00	200	Vertical	Pass
4**	7513.750	43.74	0.71	54.0	-10.26	AV	0.00	200	Vertical	Pass
5	11319.537	49.07	-4.19	74.0	-24.93	Peak	352.00	100	Vertical	Pass
5**	11319.537	38.81	-4.19	54.0	-15.19	AV	352.00	100	Vertical	Pass
6	16165.650	51.67	-0.46	74.0	-22.33	Peak	233.00	300	Vertical	Pass
6**	16165.650	43.53	-0.46	54.0	-10.47	AV	233.00	300	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.100	37.77	-17.31	74.0	-36.23	Peak	296.00	400	Horizontal	Pass
1**	1486.100	28.06	-17.31	54.0	-25.94	AV	296.00	400	Horizontal	Pass
2	4399.500	48.23	-4.56	74.0	-25.77	Peak	235.00	400	Horizontal	Pass
2**	4399.500	37.98	-4.56	54.0	-16.02	AV	235.00	400	Horizontal	Pass
3	5746.250	91.90	-2.87	--	--	Peak	81.00	150	Horizontal	N/A
3**	5746.250	84.64	-2.87	--	--	AV	81.00	150	Horizontal	N/A
4	7454.750	52.40	1.18	74.0	-21.60	Peak	56.00	400	Horizontal	Pass
4**	7454.750	43.93	1.18	54.0	-10.07	AV	56.00	400	Horizontal	Pass
5	12424.388	48.95	-2.54	74.0	-25.05	Peak	257.00	200	Horizontal	Pass
5**	12424.388	40.01	-2.54	54.0	-13.99	AV	257.00	200	Horizontal	Pass
6	16191.638	51.63	-0.44	74.0	-22.37	Peak	64.00	200	Horizontal	Pass
6**	16191.638	42.30	-0.44	54.0	-11.70	AV	64.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.500	37.36	-17.64	74.0	-36.64	Peak	86.00	100	Vertical	Pass
1**	1564.500	27.93	-17.64	54.0	-26.07	AV	86.00	100	Vertical	Pass
2	4270.750	47.30	-4.89	74.0	-26.70	Peak	110.00	300	Vertical	Pass
2**	4270.750	37.98	-4.89	54.0	-16.02	AV	110.00	300	Vertical	Pass
3	5743.500	85.36	-3.01	--	--	Peak	42.00	150	Vertical	N/A
3**	5743.500	77.90	-3.01	--	--	AV	42.00	150	Vertical	N/A
4	7697.250	52.96	1.80	74.0	-21.04	Peak	42.00	400	Vertical	Pass
4**	7697.250	42.79	1.80	54.0	-11.21	AV	42.00	400	Vertical	Pass
5	11064.225	49.38	-4.92	74.0	-24.62	Peak	326.00	150	Vertical	Pass
5**	11064.225	38.04	-4.92	54.0	-15.96	AV	326.00	150	Vertical	Pass
6	16198.462	51.05	-0.44	74.0	-22.95	Peak	360.00	200	Vertical	Pass
6**	16198.462	41.99	-0.44	54.0	-12.01	AV	360.00	200	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.400	37.63	-17.49	74.0	-36.37	Peak	23.00	100	Horizontal	Pass
1**	1581.400	28.26	-17.49	54.0	-25.74	AV	23.00	100	Horizontal	Pass
2	4312.250	47.51	-4.29	74.0	-26.49	Peak	71.00	300	Horizontal	Pass
2**	4312.250	38.48	-4.29	54.0	-15.52	AV	71.00	300	Horizontal	Pass
3	5783.500	94.28	-3.18	--	--	Peak	79.00	200	Horizontal	N/A
3**	5783.500	86.31	-3.18	--	--	AV	79.00	200	Horizontal	N/A
4	7513.000	52.48	0.62	74.0	-21.52	Peak	96.00	400	Horizontal	Pass
4**	7513.000	43.99	0.62	54.0	-10.01	AV	96.00	400	Horizontal	Pass
5	12437.687	49.09	-2.34	74.0	-24.91	Peak	360.00	200	Horizontal	Pass
5**	12437.687	41.10	-2.34	54.0	-12.90	AV	360.00	200	Horizontal	Pass
6	16149.375	51.63	-0.47	74.0	-22.37	Peak	43.00	200	Horizontal	Pass
6**	16149.375	42.55	-0.47	54.0	-11.45	AV	43.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.900	38.52	-17.30	74.0	-35.48	Peak	0.00	300	Vertical	Pass
1**	1616.900	27.95	-17.30	54.0	-26.05	AV	0.00	300	Vertical	Pass
2	4201.000	47.88	-5.46	74.0	-26.12	Peak	202.00	400	Vertical	Pass
2**	4201.000	37.28	-5.46	54.0	-16.72	AV	202.00	400	Vertical	Pass
3	5783.250	85.27	-3.18	--	--	Peak	348.00	150	Vertical	N/A
3**	5783.250	77.73	-3.18	--	--	AV	348.00	150	Vertical	N/A
4	7504.750	52.14	-0.26	74.0	-21.86	Peak	287.00	200	Vertical	Pass
4**	7504.750	42.72	-0.26	54.0	-11.28	AV	287.00	200	Vertical	Pass
5	12553.588	49.38	-2.17	74.0	-24.62	Peak	19.00	100	Vertical	Pass
5**	12553.588	38.58	-2.17	54.0	-15.42	AV	19.00	100	Vertical	Pass
6	16171.688	51.43	-0.45	74.0	-22.57	Peak	360.00	100	Vertical	Pass
6**	16171.688	43.11	-0.45	54.0	-10.89	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	37.89	-17.33	74.0	-36.11	Peak	119.00	300	Horizontal	Pass
1**	1439.700	28.62	-17.33	54.0	-25.38	AV	119.00	300	Horizontal	Pass
2	4291.500	47.45	-4.65	74.0	-26.55	Peak	356.00	400	Horizontal	Pass
2**	4291.500	37.96	-4.65	54.0	-16.04	AV	356.00	400	Horizontal	Pass
3	5827.500	95.76	-2.99	--	--	Peak	91.00	150	Horizontal	N/A
3**	5827.500	87.67	-2.99	--	--	AV	91.00	150	Horizontal	N/A
4	7459.250	52.20	1.14	74.0	-21.80	Peak	159.00	400	Horizontal	Pass
4**	7459.250	43.50	1.14	54.0	-10.50	AV	159.00	400	Horizontal	Pass
5	12436.263	49.49	-2.36	74.0	-24.51	Peak	244.00	100	Horizontal	Pass
5**	12436.263	40.10	-2.36	54.0	-13.90	AV	244.00	100	Horizontal	Pass
6	16168.013	51.41	-0.46	74.0	-22.59	Peak	150.00	400	Horizontal	Pass
6**	16168.013	42.22	-0.46	54.0	-11.78	AV	150.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.100	37.48	-17.32	74.0	-36.52	Peak	220.00	100	Vertical	Pass
1**	1484.100	28.09	-17.32	54.0	-25.91	AV	220.00	100	Vertical	Pass
2	4397.500	47.75	-4.65	74.0	-26.25	Peak	314.00	400	Vertical	Pass
2**	4397.500	37.67	-4.65	54.0	-16.33	AV	314.00	400	Vertical	Pass
3	5827.000	85.72	-2.92	--	--	Peak	195.00	200	Vertical	N/A
3**	5827.000	77.54	-2.92	--	--	AV	195.00	200	Vertical	N/A
4	7521.000	52.97	0.83	74.0	-21.03	Peak	32.00	200	Vertical	Pass
4**	7521.000	44.15	0.83	54.0	-9.85	AV	32.00	200	Vertical	Pass
5	12419.875	49.11	-2.61	74.0	-24.89	Peak	218.00	100	Vertical	Pass
5**	12419.875	40.04	-2.61	54.0	-13.96	AV	218.00	100	Vertical	Pass
6	16146.224	51.87	-0.51	74.0	-22.13	Peak	115.00	100	Vertical	Pass
6**	16146.224	42.40	-0.51	54.0	-11.60	AV	115.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.800	37.78	-17.40	74.0	-36.22	Peak	237.00	100	Horizontal	Pass
1**	1583.800	27.80	-17.40	54.0	-26.20	AV	237.00	100	Horizontal	Pass
2	4294.750	47.57	-4.44	74.0	-26.43	Peak	30.00	400	Horizontal	Pass
2**	4294.750	39.04	-4.44	54.0	-14.96	AV	30.00	400	Horizontal	Pass
3	5752.500	89.13	-2.71	--	--	Peak	134.00	150	Horizontal	N/A
3**	5752.500	81.99	-2.71	--	--	AV	134.00	150	Horizontal	N/A
4	7510.250	52.48	0.54	74.0	-21.52	Peak	13.00	400	Horizontal	Pass
4**	7510.250	43.98	0.54	54.0	-10.02	AV	13.00	400	Horizontal	Pass
5	12663.312	49.30	-2.31	74.0	-24.70	Peak	255.00	200	Horizontal	Pass
5**	12663.312	39.58	-2.31	54.0	-14.42	AV	255.00	200	Horizontal	Pass
6	16164.862	51.40	-0.46	74.0	-22.60	Peak	62.00	100	Horizontal	Pass
6**	16164.862	43.12	-0.46	54.0	-10.88	AV	62.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.500	37.62	-17.27	74.0	-36.38	Peak	72.00	400	Vertical	Pass
1**	1617.500	28.38	-17.27	54.0	-25.62	AV	72.00	400	Vertical	Pass
2	4303.000	47.43	-4.32	74.0	-26.57	Peak	15.00	100	Vertical	Pass
2**	4303.000	38.85	-4.32	54.0	-15.15	AV	15.00	100	Vertical	Pass
3	5757.000	82.06	-2.59	--	--	Peak	32.00	150	Vertical	N/A
3**	5757.000	74.11	-2.59	--	--	AV	32.00	150	Vertical	N/A
4	7447.500	52.46	0.44	74.0	-21.54	Peak	15.00	300	Vertical	Pass
4**	7447.500	42.28	0.44	54.0	-11.72	AV	15.00	300	Vertical	Pass
5	11203.637	49.42	-4.06	74.0	-24.58	Peak	360.00	100	Vertical	Pass
5**	11203.637	39.30	-4.06	54.0	-14.70	AV	360.00	100	Vertical	Pass
6	16188.225	51.72	-0.44	74.0	-22.28	Peak	350.00	100	Vertical	Pass
6**	16188.225	42.31	-0.44	54.0	-11.69	AV	350.00	100	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.000	37.84	-17.47	74.0	-36.16	Peak	308.00	300	Horizontal	Pass
1**	1586.000	28.91	-17.47	54.0	-25.09	AV	308.00	300	Horizontal	Pass
2	4296.250	47.43	-4.43	74.0	-26.57	Peak	178.00	200	Horizontal	Pass
2**	4296.250	39.23	-4.43	54.0	-14.77	AV	178.00	200	Horizontal	Pass
3	5803.000	91.63	-3.05	--	--	Peak	74.00	150	Horizontal	N/A
3**	5803.000	83.69	-3.05	--	--	AV	74.00	150	Horizontal	N/A
4	7509.250	52.35	0.50	74.0	-21.65	Peak	339.00	300	Horizontal	Pass
4**	7509.250	44.05	0.50	54.0	-9.95	AV	339.00	300	Horizontal	Pass
5	12690.388	50.54	-2.33	74.0	-23.46	Peak	90.00	150	Horizontal	Pass
5**	12690.388	39.29	-2.33	54.0	-14.71	AV	90.00	150	Horizontal	Pass
6	16197.412	51.45	-0.44	74.0	-22.55	Peak	360.00	300	Horizontal	Pass
6**	16197.412	41.25	-0.44	54.0	-12.75	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.500	37.32	-17.37	74.0	-36.68	Peak	102.00	200	Vertical	Pass
1**	1509.500	27.76	-17.37	54.0	-26.24	AV	102.00	200	Vertical	Pass
2	4314.000	47.38	-4.37	74.0	-26.62	Peak	322.00	200	Vertical	Pass
2**	4314.000	37.89	-4.37	54.0	-16.11	AV	322.00	200	Vertical	Pass
3	5796.250	83.72	-3.31	--	--	Peak	13.00	150	Vertical	N/A
3**	5796.250	75.30	-3.31	--	--	AV	13.00	150	Vertical	N/A
4	7700.500	53.21	1.70	74.0	-20.79	Peak	134.00	400	Vertical	Pass
4**	7700.500	43.34	1.70	54.0	-10.66	AV	134.00	400	Vertical	Pass
5	12200.424	49.00	-2.99	74.0	-25.00	Peak	352.00	100	Vertical	Pass
5**	12200.424	39.37	-2.99	54.0	-14.63	AV	352.00	100	Vertical	Pass
6	16033.875	51.30	-0.12	74.0	-22.70	Peak	187.00	400	Vertical	Pass
6**	16033.875	41.61	-0.12	54.0	-12.39	AV	187.00	400	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.800	37.47	-17.44	74.0	-36.53	Peak	183.00	100	Horizontal	Pass
1**	1445.800	28.77	-17.44	54.0	-25.23	AV	183.00	100	Horizontal	Pass
2	4341.250	47.55	-4.74	74.0	-26.45	Peak	360.00	300	Horizontal	Pass
2**	4341.250	38.01	-4.74	54.0	-15.99	AV	360.00	300	Horizontal	Pass
3	5779.250	88.19	-2.77	--	--	Peak	81.00	100	Horizontal	N/A
3**	5779.250	80.52	-2.77	--	--	AV	81.00	100	Horizontal	N/A
4	7518.750	52.31	0.87	74.0	-21.69	Peak	39.00	100	Horizontal	Pass
4**	7518.750	43.52	0.87	54.0	-10.48	AV	39.00	100	Horizontal	Pass
5	11700.963	49.47	-4.19	74.0	-24.53	Peak	115.00	200	Horizontal	Pass
5**	11700.963	39.10	-4.19	54.0	-14.90	AV	115.00	200	Horizontal	Pass
6	16140.450	52.06	-0.57	74.0	-21.94	Peak	360.00	200	Horizontal	Pass
6**	16140.450	41.76	-0.57	54.0	-12.24	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.700	37.30	-17.40	74.0	-36.70	Peak	84.00	100	Vertical	Pass
1**	1473.700	28.15	-17.40	54.0	-25.85	AV	84.00	100	Vertical	Pass
2	4313.500	47.88	-4.34	74.0	-26.12	Peak	314.00	200	Vertical	Pass
2**	4313.500	39.18	-4.34	54.0	-14.82	AV	314.00	200	Vertical	Pass
3	5771.000	78.92	-2.35	--	--	Peak	17.00	100	Vertical	N/A
3**	5771.000	71.14	-2.35	--	--	AV	17.00	100	Vertical	N/A
4	7554.750	52.88	-0.48	74.0	-21.12	Peak	76.00	300	Vertical	Pass
4**	7554.750	42.72	-0.48	54.0	-11.28	AV	76.00	300	Vertical	Pass
5	12665.213	49.16	-2.31	74.0	-24.84	Peak	8.00	150	Vertical	Pass
5**	12665.213	40.12	-2.31	54.0	-13.88	AV	8.00	150	Vertical	Pass
6	16190.850	50.49	-0.44	74.0	-23.51	Peak	360.00	100	Vertical	Pass
6**	16190.850	41.46	-0.44	54.0	-12.54	AV	360.00	100	Vertical	Pass

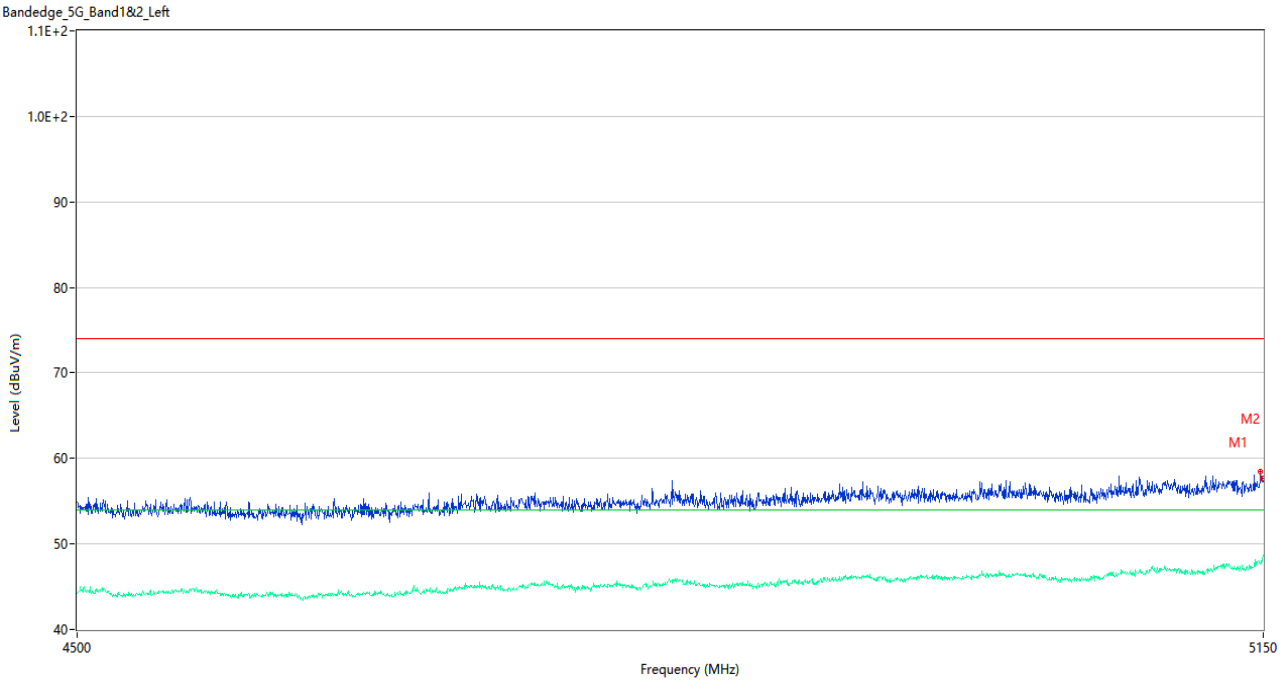
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	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)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

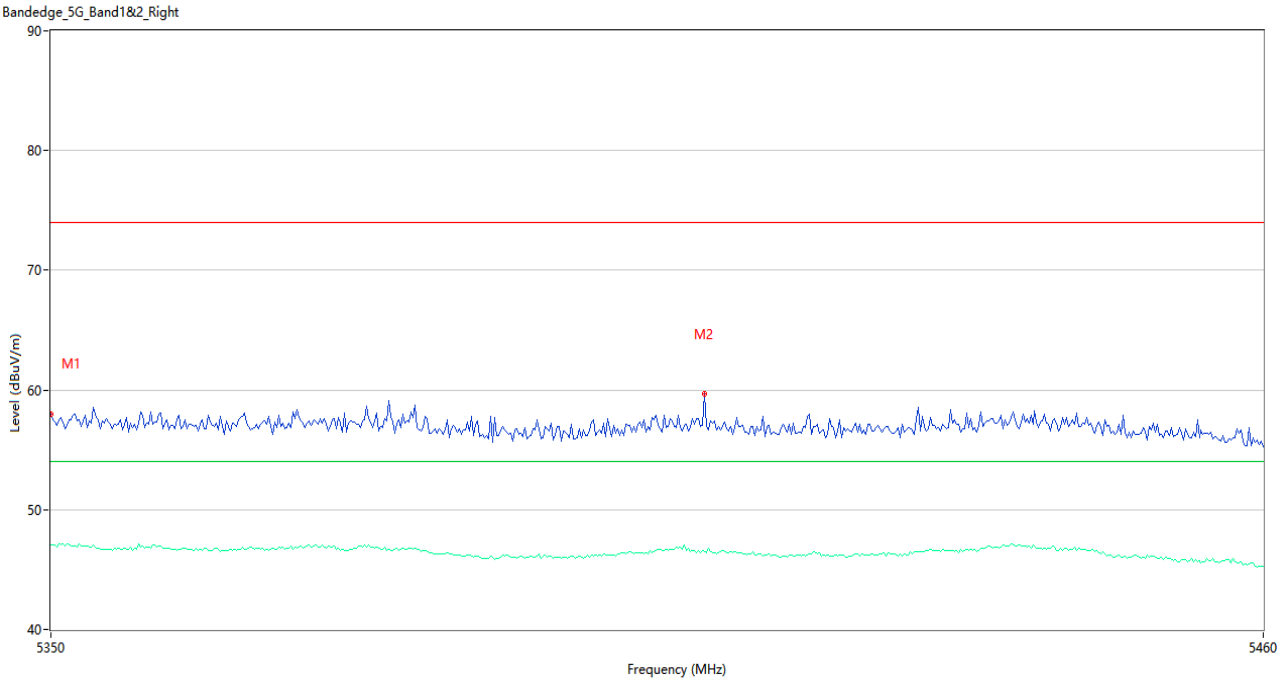
Test Data and Plots

U-NII-1 11a CH36



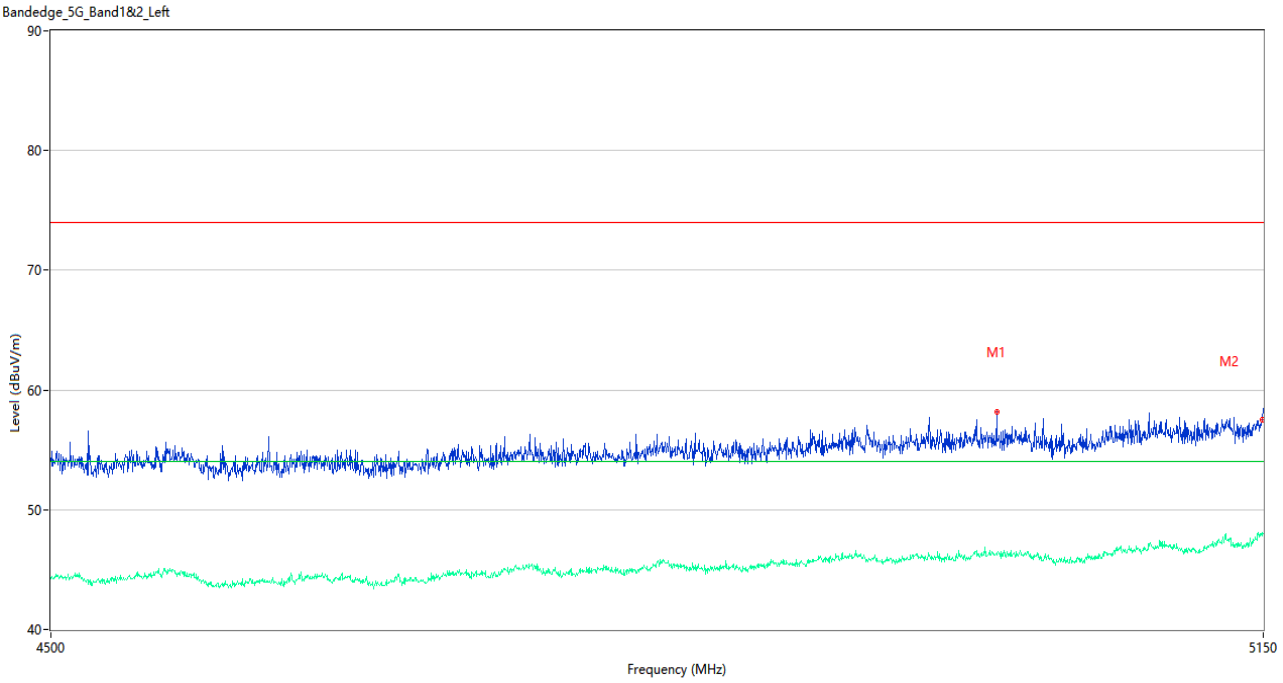
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	58.51	3.92	74.0	-15.49	Peak	104.00	200	Horizontal	Pass
1**	5148.375	47.69	3.92	54.0	-6.31	AV	104.00	200	Horizontal	Pass
2	5149.675	57.68	3.94	74.0	-16.32	Peak	73.00	150	Horizontal	Pass
2**	5149.675	48.20	3.94	54.0	-5.80	AV	73.00	150	Horizontal	Pass

U-NII-1 11a CH48



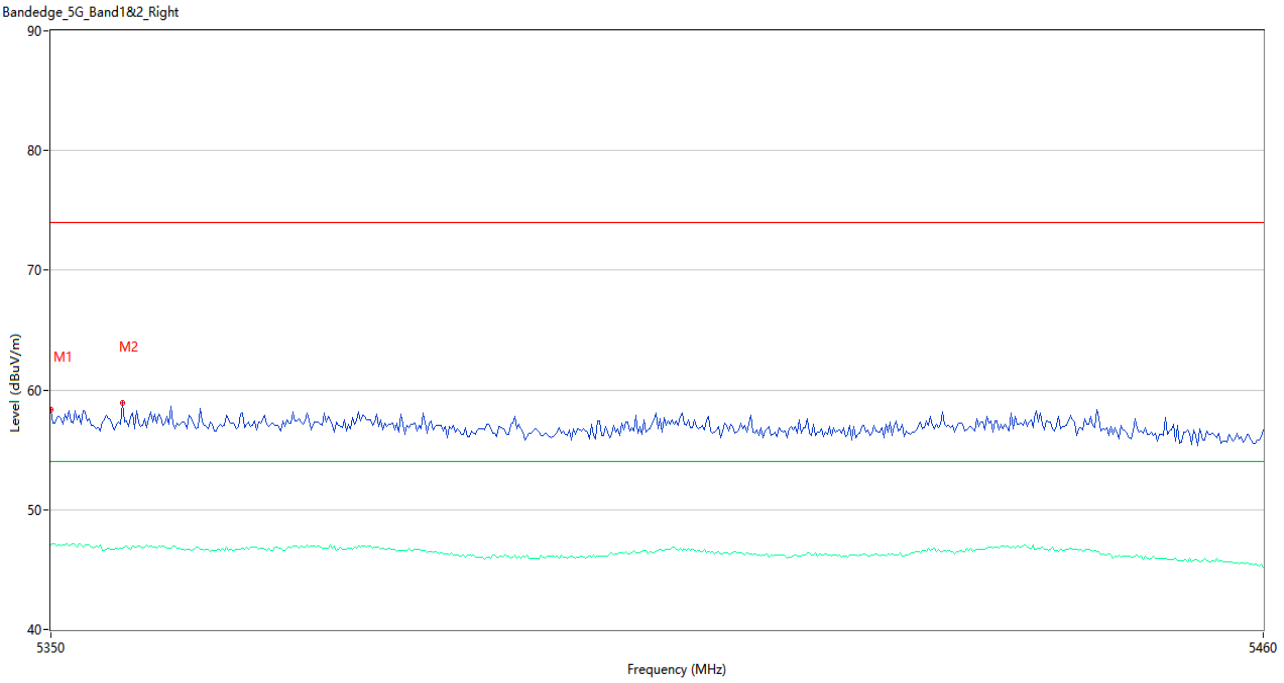
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.99	3.96	74.0	-16.01	Peak	358.00	150	Horizontal	Pass
1**	5350.000	47.07	3.96	54.0	-6.93	AV	358.00	150	Horizontal	Pass
2	5409.033	59.72	3.96	74.0	-14.28	Peak	290.00	200	Horizontal	Pass
2**	5409.033	46.46	3.96	54.0	-7.54	AV	290.00	200	Horizontal	Pass

U-NII-1 11n20 CH36



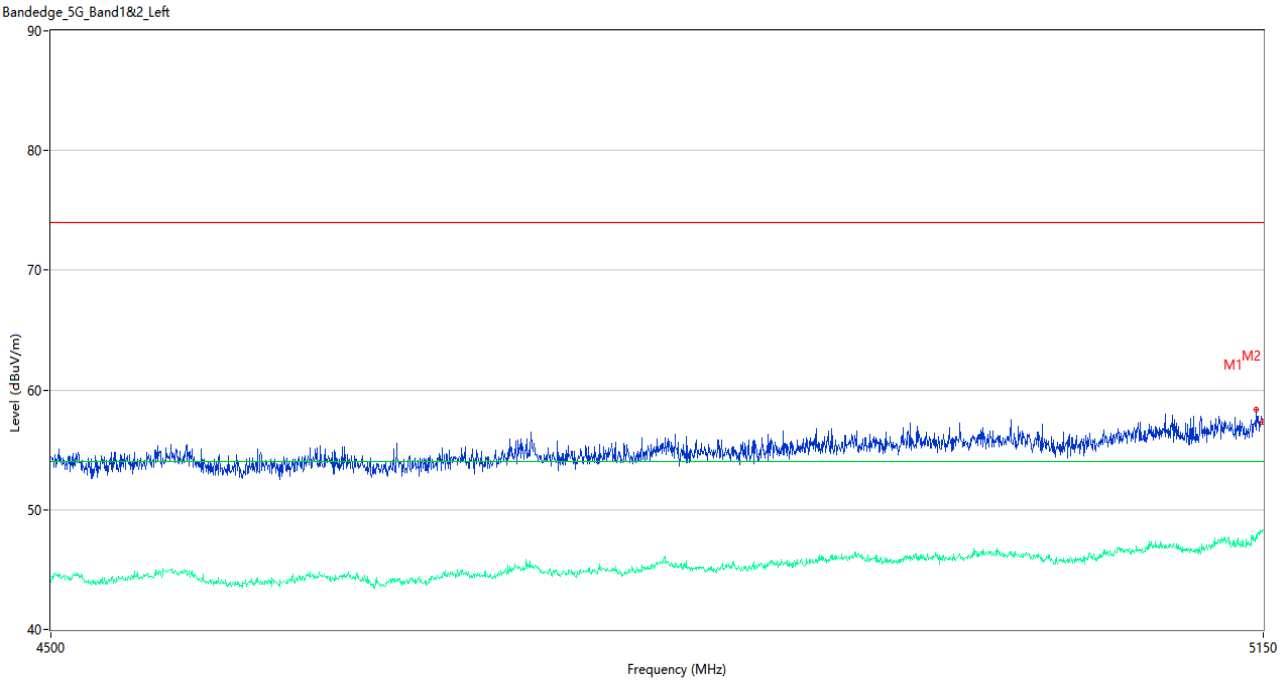
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4999.525	58.19	3.63	74.0	-15.81	Peak	321.00	200	Horizontal	Pass
1**	4999.525	46.25	3.63	54.0	-7.75	AV	321.00	200	Horizontal	Pass
2	5149.675	57.50	3.94	74.0	-16.50	Peak	148.00	150	Horizontal	Pass
2**	5149.675	47.81	3.94	54.0	-6.19	AV	148.00	150	Horizontal	Pass

U-NII-1 11n20 CH48



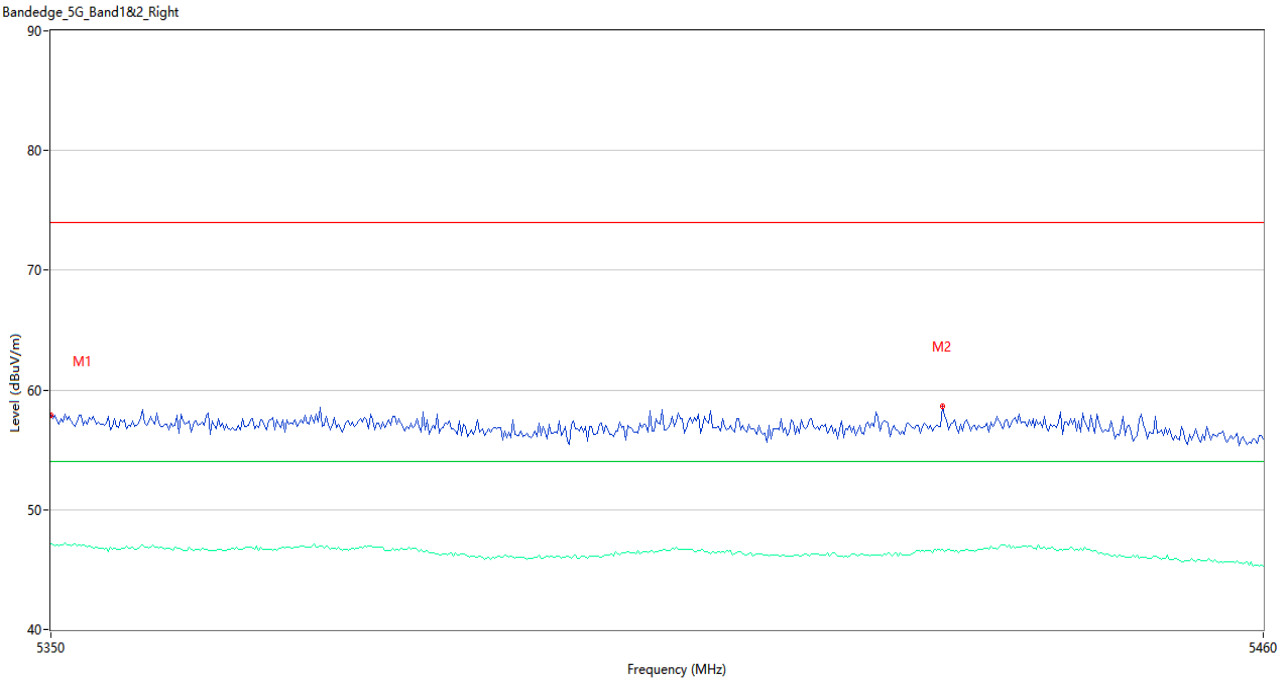
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.32	3.96	74.0	-15.68	Peak	131.00	100	Horizontal	Pass
1**	5350.000	47.08	3.96	54.0	-6.92	AV	131.00	100	Horizontal	Pass
2	5356.417	58.97	3.66	74.0	-15.03	Peak	287.00	100	Horizontal	Pass
2**	5356.417	46.82	3.66	54.0	-7.18	AV	287.00	100	Horizontal	Pass

U-NII-1 11n40 CH38



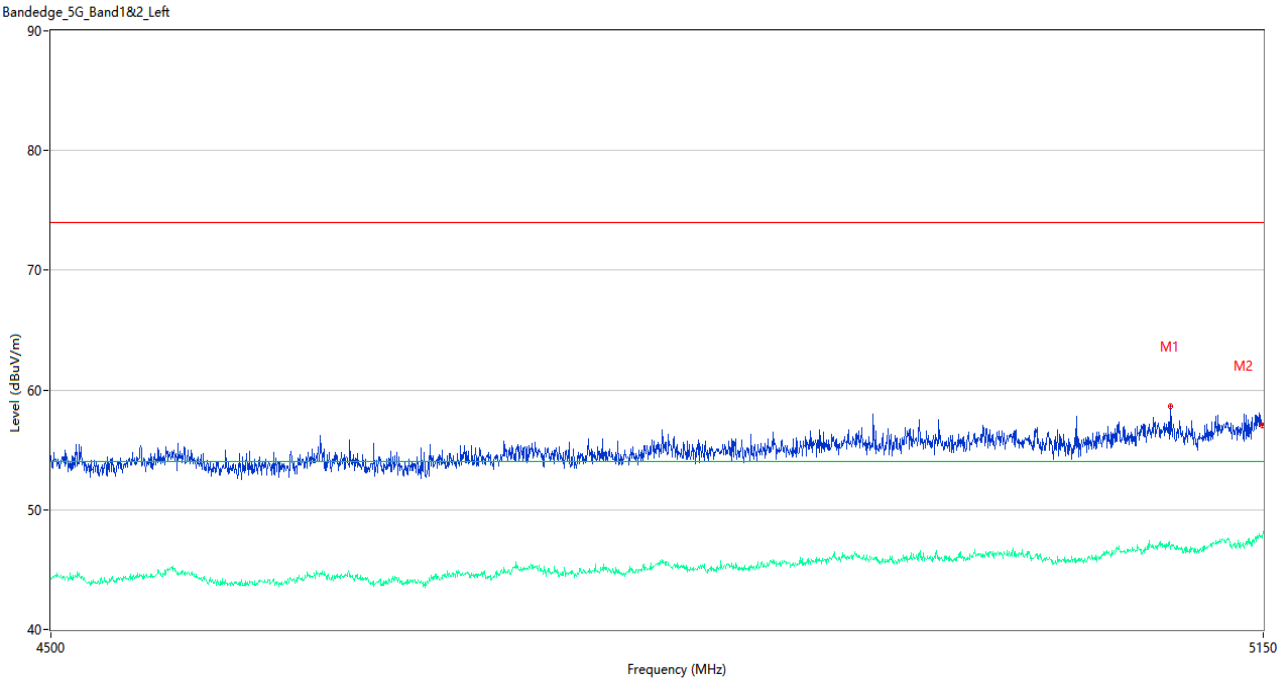
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	58.41	3.83	74.0	-15.59	Peak	79.00	100	Horizontal	Pass
1**	5146.100	47.87	3.83	54.0	-6.13	AV	79.00	100	Horizontal	Pass
2	5149.675	57.29	3.94	74.0	-16.71	Peak	334.00	200	Horizontal	Pass
2**	5149.675	48.24	3.94	54.0	-5.76	AV	334.00	200	Horizontal	Pass

U-NII-1 11n40 CH46



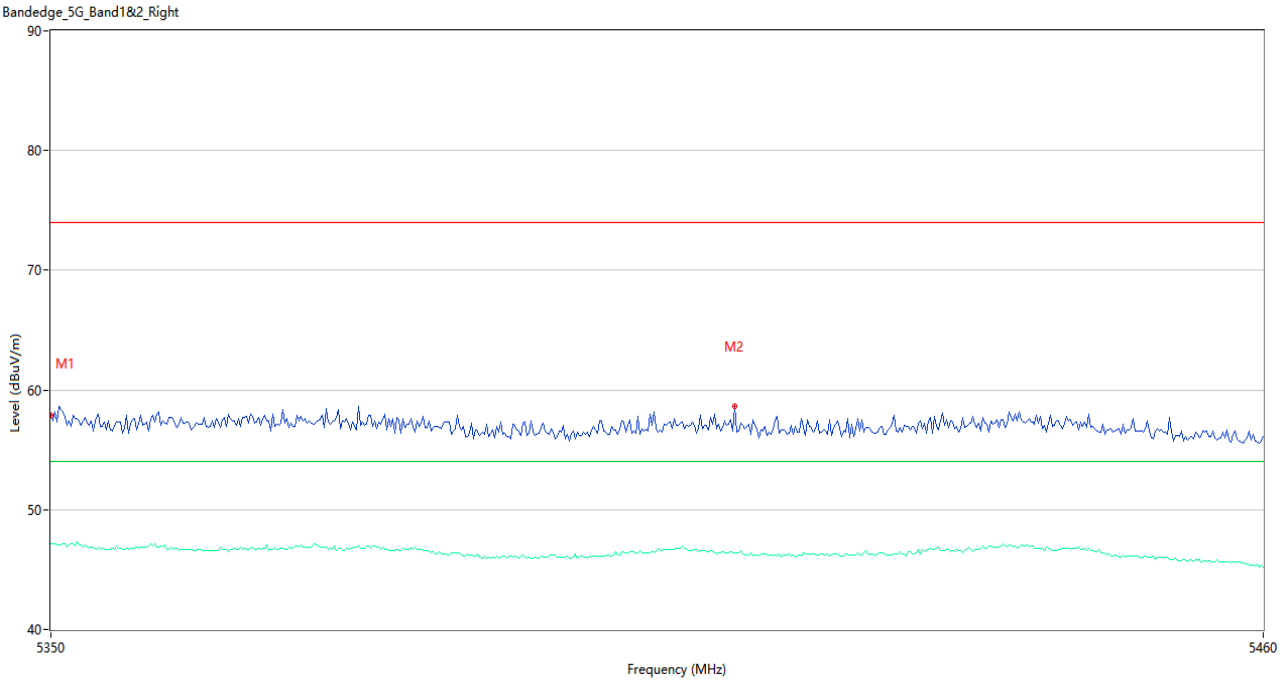
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.93	3.96	74.0	-16.07	Peak	321.00	150	Horizontal	Pass
1**	5350.000	47.13	3.96	54.0	-6.87	AV	321.00	150	Horizontal	Pass
2	5430.667	58.65	4.67	74.0	-15.35	Peak	59.00	150	Horizontal	Pass
2**	5430.667	46.73	4.67	54.0	-7.27	AV	59.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



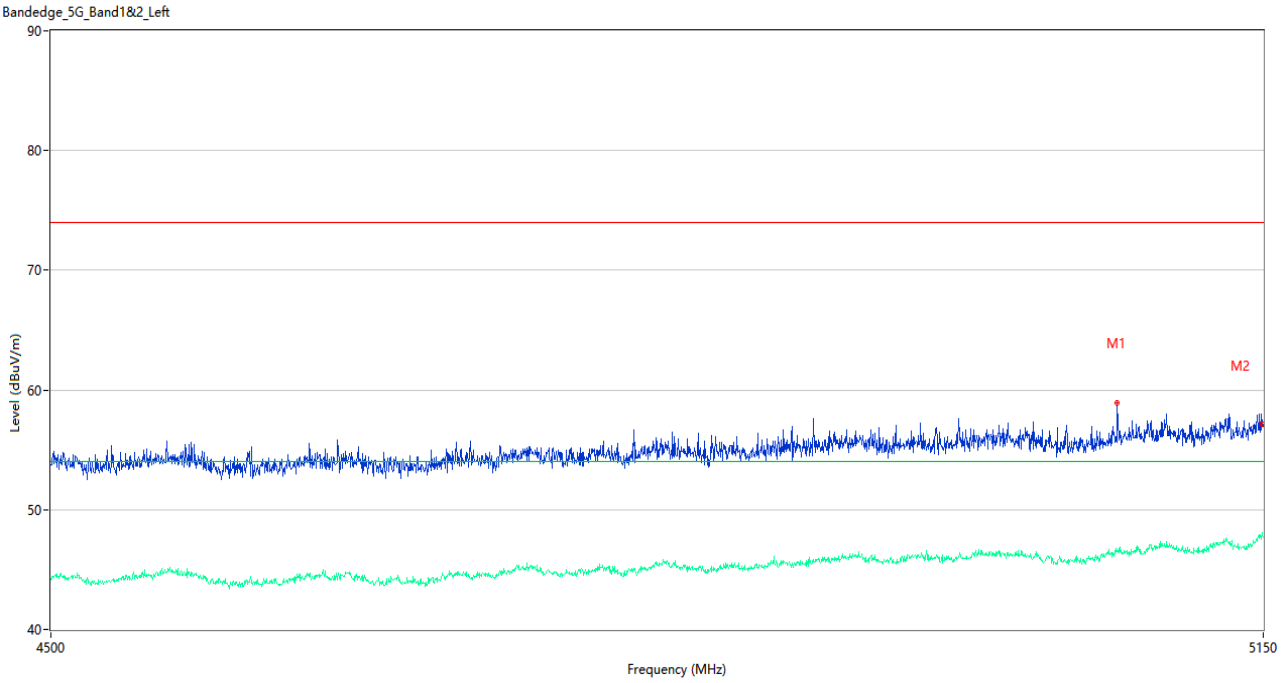
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5097.350	58.67	4.19	74.0	-15.33	Peak	79.00	200	Horizontal	Pass
1**	5097.350	46.73	4.19	54.0	-7.27	AV	79.00	200	Horizontal	Pass
2	5149.675	57.05	3.94	74.0	-16.95	Peak	290.00	200	Horizontal	Pass
2**	5149.675	47.75	3.94	54.0	-6.25	AV	290.00	200	Horizontal	Pass

U-NII-1 11ac20 CH48



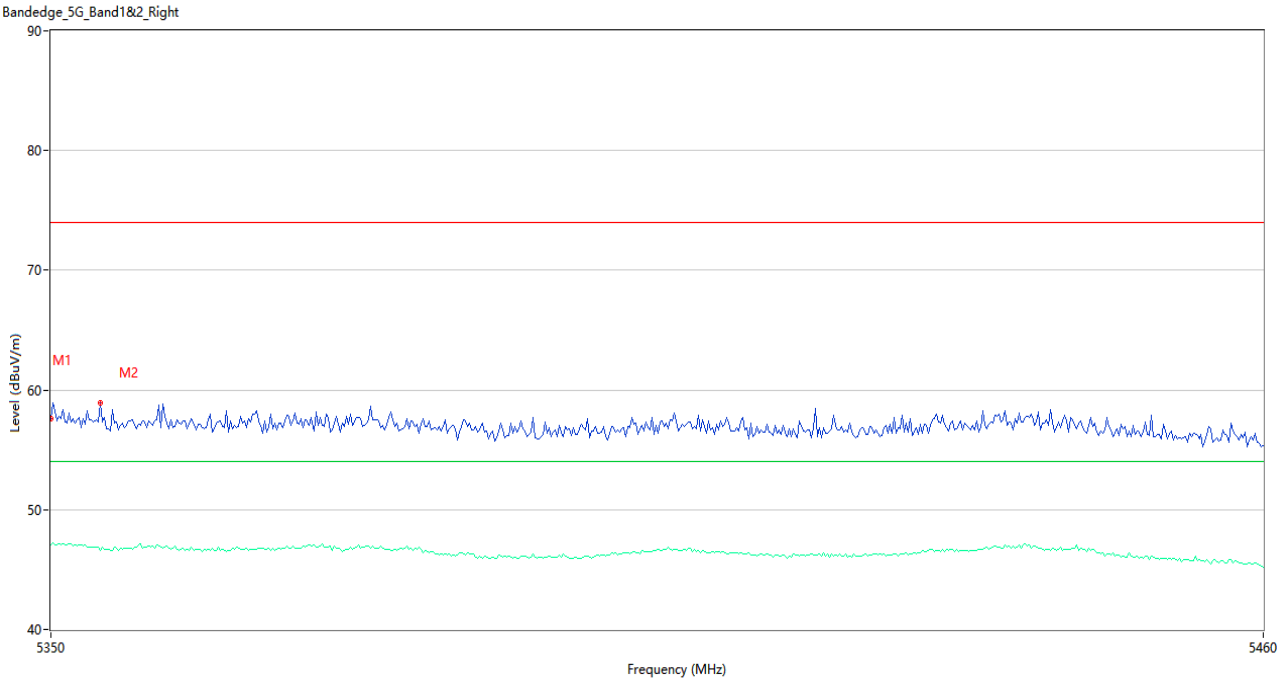
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.89	3.96	74.0	-16.11	Peak	135.00	100	Horizontal	Pass
1**	5350.000	47.12	3.96	54.0	-6.88	AV	135.00	100	Horizontal	Pass
2	5411.783	58.68	3.89	74.0	-15.32	Peak	67.00	150	Horizontal	Pass
2**	5411.783	46.40	3.89	54.0	-7.60	AV	67.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



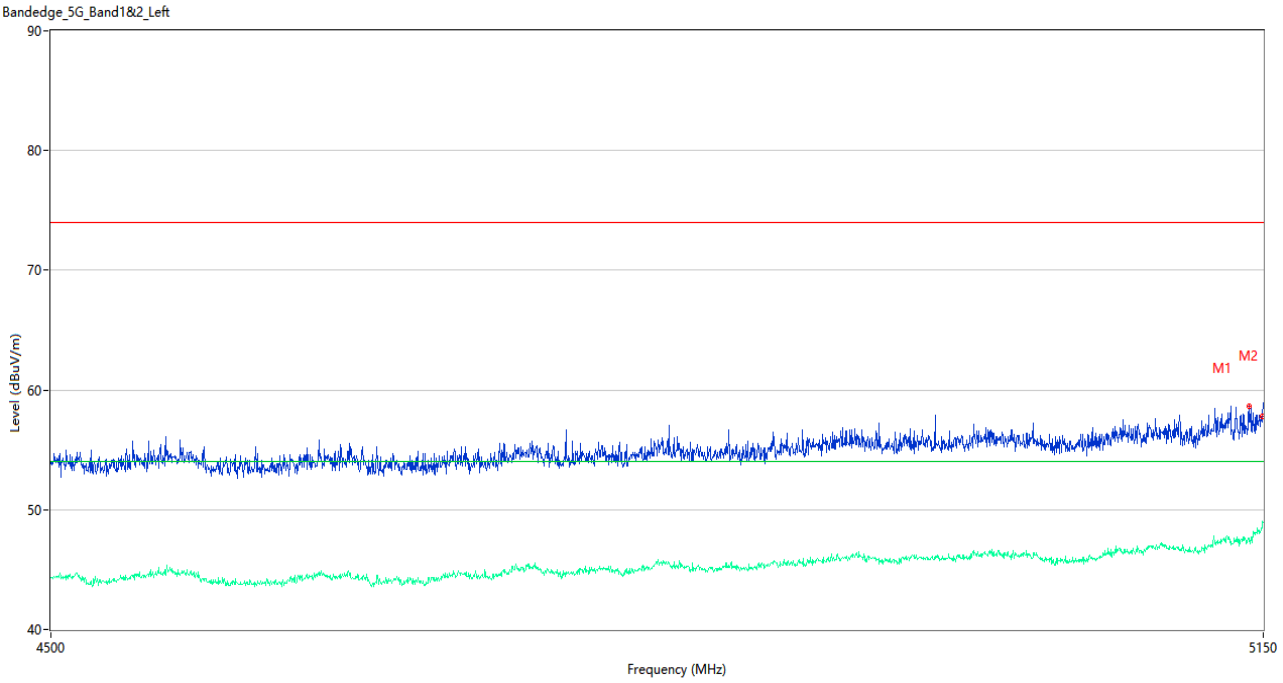
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5067.125	58.93	3.88	74.0	-15.07	Peak	61.00	200	Horizontal	Pass
1**	5067.125	46.54	3.88	54.0	-7.46	AV	61.00	200	Horizontal	Pass
2	5149.675	57.17	3.94	74.0	-16.83	Peak	113.00	200	Horizontal	Pass
2**	5149.675	47.85	3.94	54.0	-6.15	AV	113.00	200	Horizontal	Pass

U-NII-1 11ac40 CH46



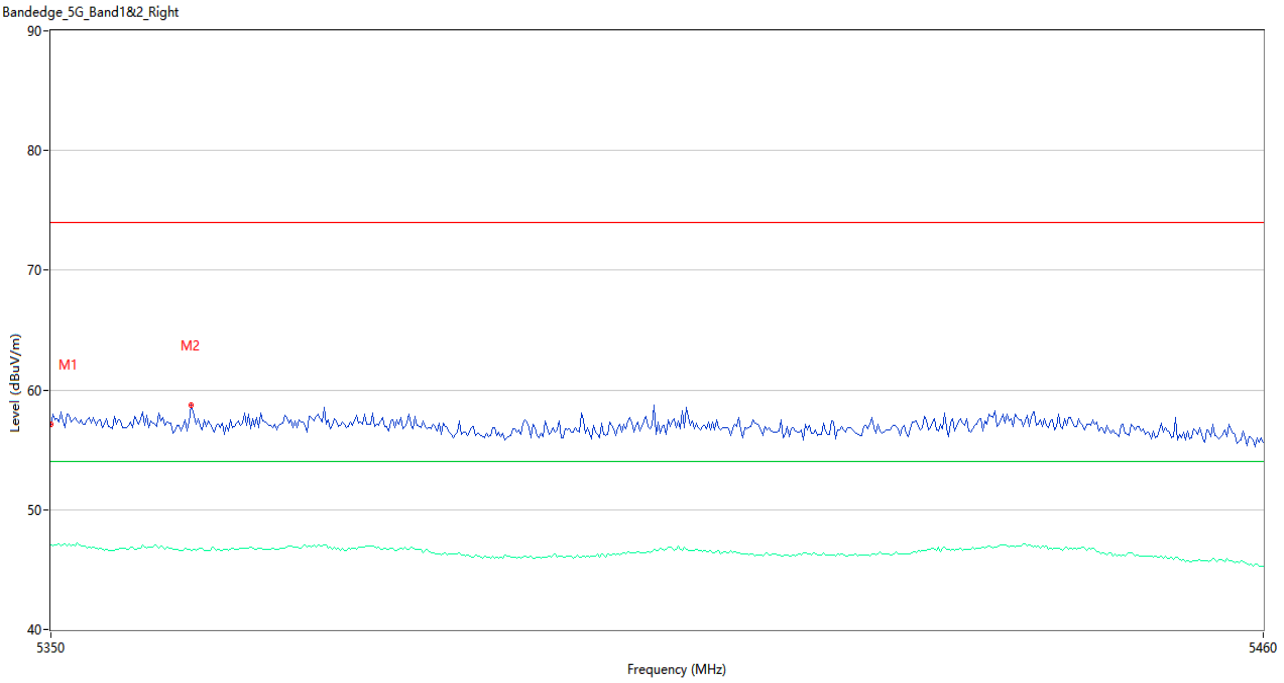
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.58	3.96	74.0	-16.42	Peak	55.00	100	Horizontal	Pass
1**	5350.000	47.07	3.96	54.0	-6.93	AV	55.00	100	Horizontal	Pass
2	5354.400	58.95	3.69	74.0	-15.05	Peak	361.00	150	Horizontal	Pass
2**	5354.400	46.62	3.69	54.0	-7.38	AV	361.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



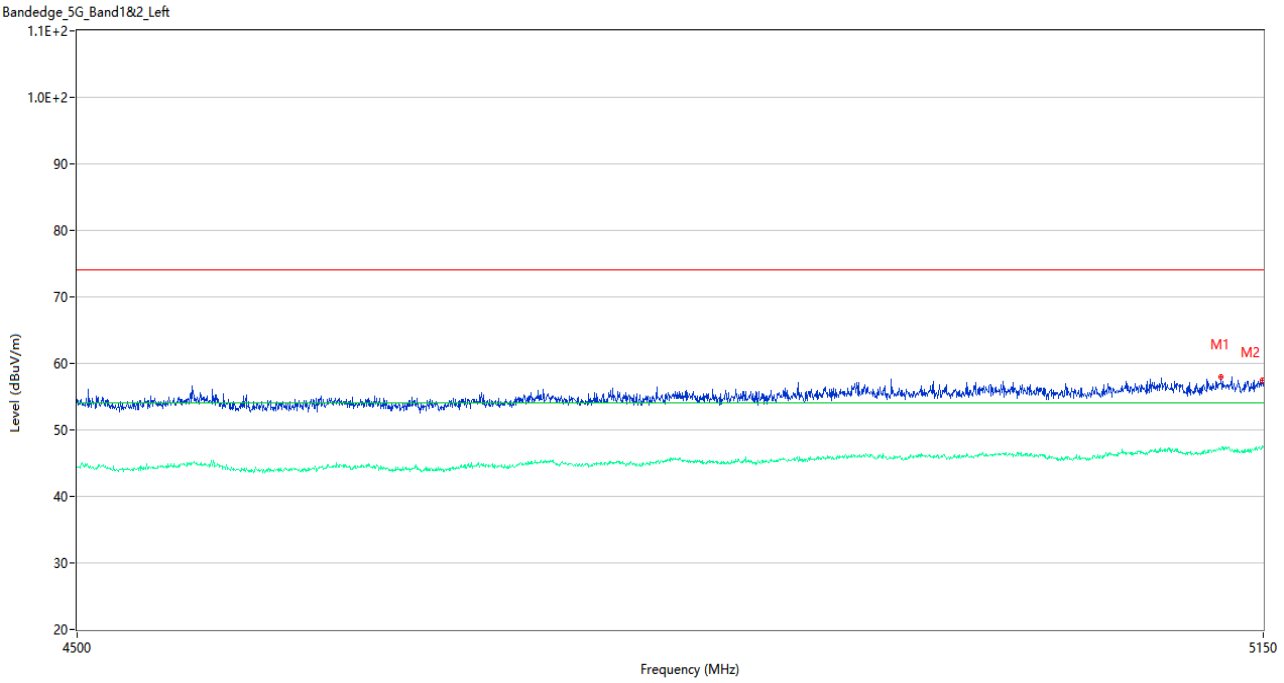
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.875	58.67	3.52	74.0	-15.33	Peak	31.00	200	Horizontal	Pass
1**	5141.875	47.63	3.52	54.0	-6.37	AV	31.00	200	Horizontal	Pass
2	5149.675	57.83	3.94	74.0	-16.17	Peak	83.00	200	Horizontal	Pass
2**	5149.675	49.01	3.94	54.0	-4.99	AV	83.00	200	Horizontal	Pass

U-NII-1 11ac80 CH42



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.14	3.96	74.0	-16.86	Peak	41.00	200	Horizontal	Pass
1**	5350.000	47.04	3.96	54.0	-6.96	AV	41.00	200	Horizontal	Pass
2	5362.650	58.74	3.60	74.0	-15.26	Peak	198.00	150	Horizontal	Pass
2**	5362.650	46.61	3.60	54.0	-7.39	AV	198.00	150	Horizontal	Pass

U-NII-2A 11a CH52

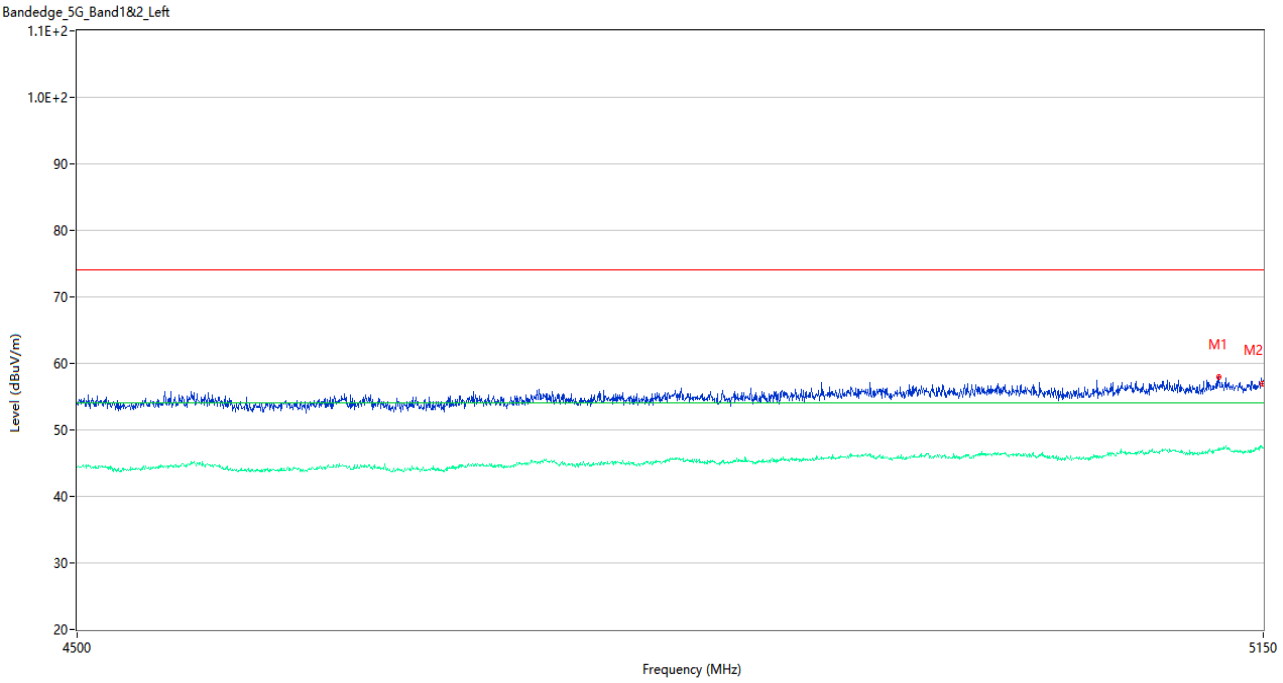


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.300	57.96	4.07	74.0	-16.04	Peak	210.00	150	Horizontal	Pass
1**	5125.300	47.16	4.07	54.0	-6.84	AV	210.00	150	Horizontal	Pass
2	5149.675	57.40	3.94	74.0	-16.60	Peak	342.00	150	Horizontal	Pass
2**	5149.675	47.29	3.94	54.0	-6.71	AV	342.00	150	Horizontal	Pass

U-NII-2A 11a CH64

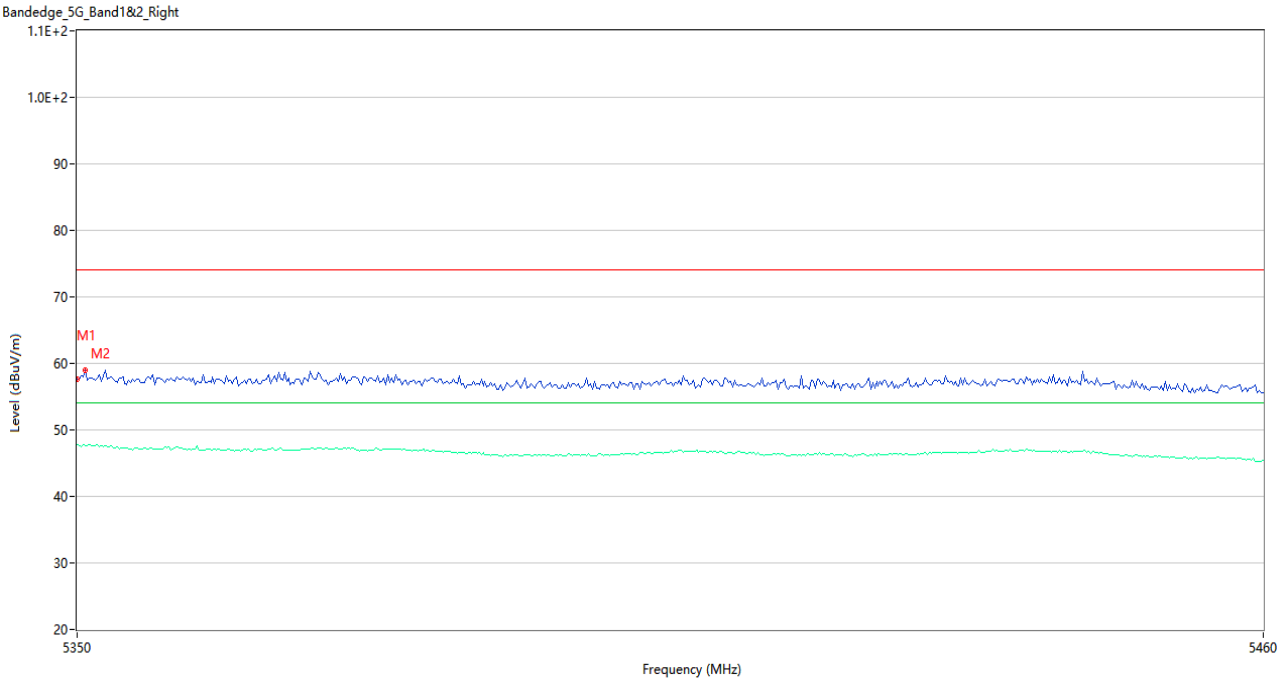
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.72	3.96	74.0	-16.28	Peak	36.00	100	Horizontal	Pass
1**	5350.000	47.76	3.96	54.0	-6.24	AV	36.00	100	Horizontal	Pass
2	5350.733	59.23	3.95	74.0	-14.77	Peak	100.00	200	Horizontal	Pass
2**	5350.733	47.77	3.95	54.0	-6.23	AV	100.00	200	Horizontal	Pass

U-NII-2A 11n20 CH52



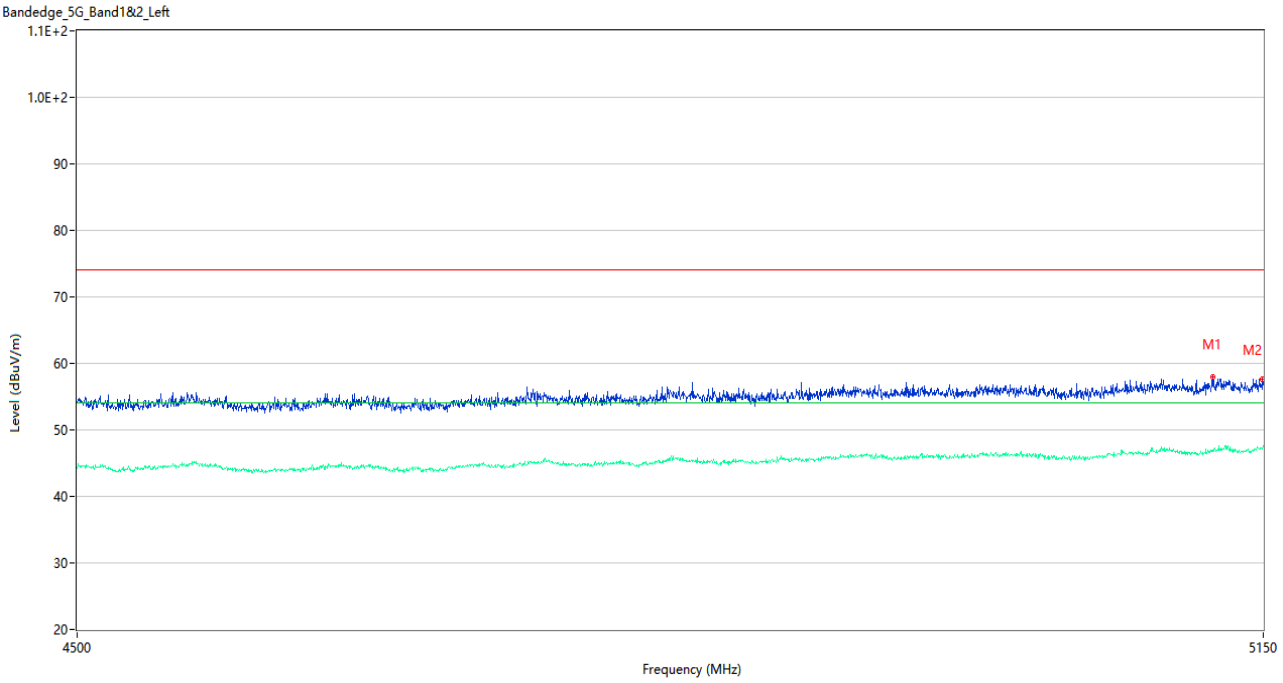
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5124.325	57.92	4.07	74.0	-16.08	Peak	38.00	200	Horizontal	Pass
1**	5124.325	46.89	4.07	54.0	-7.11	AV	38.00	200	Horizontal	Pass
2	5149.675	57.00	3.94	74.0	-17.00	Peak	286.00	100	Horizontal	Pass
2**	5149.675	47.49	3.94	54.0	-6.51	AV	286.00	100	Horizontal	Pass

U-NII-2A 11n20 CH64



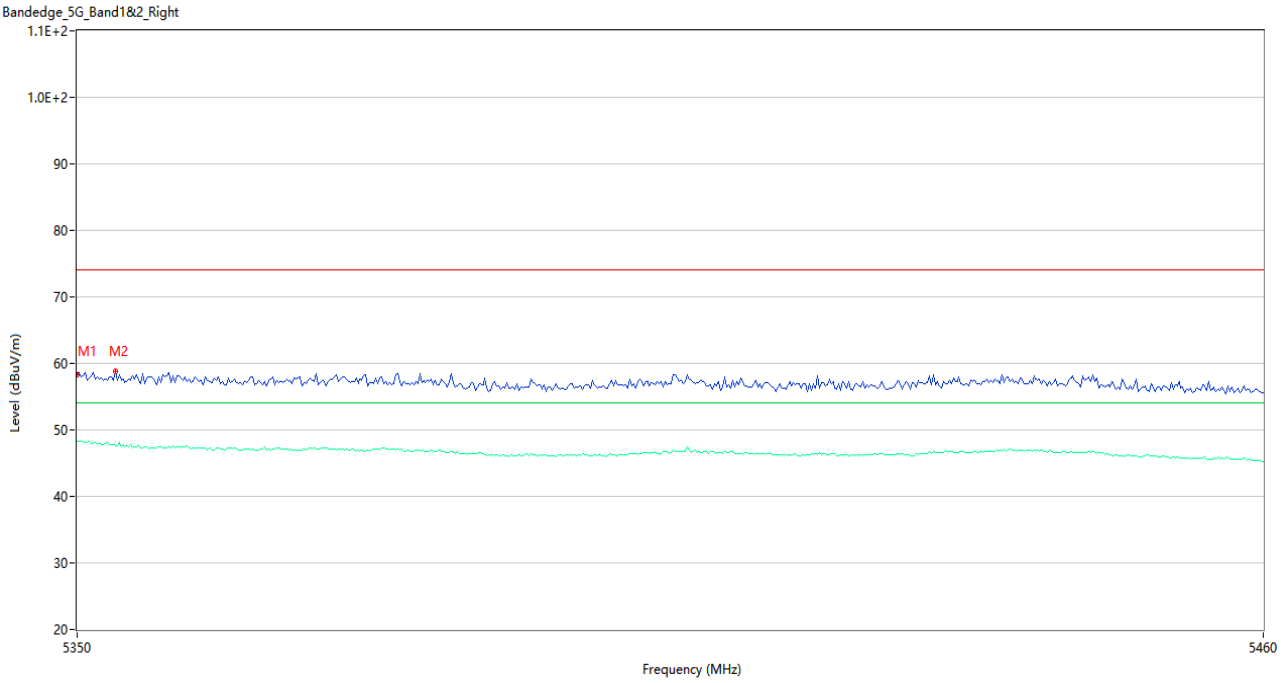
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.59	3.96	74.0	-16.41	Peak	263.00	100	Horizontal	Pass
1**	5350.000	47.79	3.96	54.0	-6.21	AV	263.00	100	Horizontal	Pass
2	5350.733	59.03	3.95	74.0	-14.97	Peak	132.00	100	Horizontal	Pass
2**	5350.733	47.63	3.95	54.0	-6.37	AV	132.00	100	Horizontal	Pass

U-NII-2A 11n40 CH54



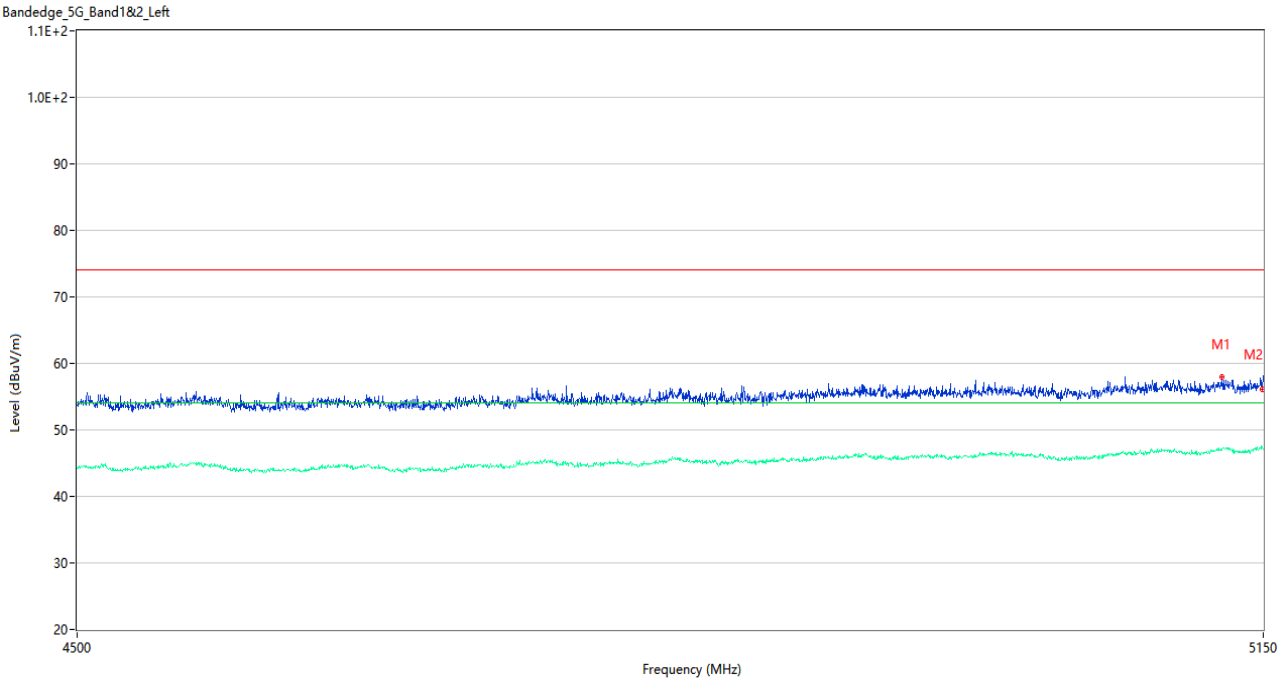
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5120.425	57.94	3.96	74.0	-16.06	Peak	307.00	100	Horizontal	Pass
1**	5120.425	46.77	3.96	54.0	-7.23	AV	307.00	100	Horizontal	Pass
2	5149.675	57.55	3.94	74.0	-16.45	Peak	127.00	100	Horizontal	Pass
2**	5149.675	47.18	3.94	54.0	-6.82	AV	127.00	100	Horizontal	Pass

U-NII-2A 11n40 CH62



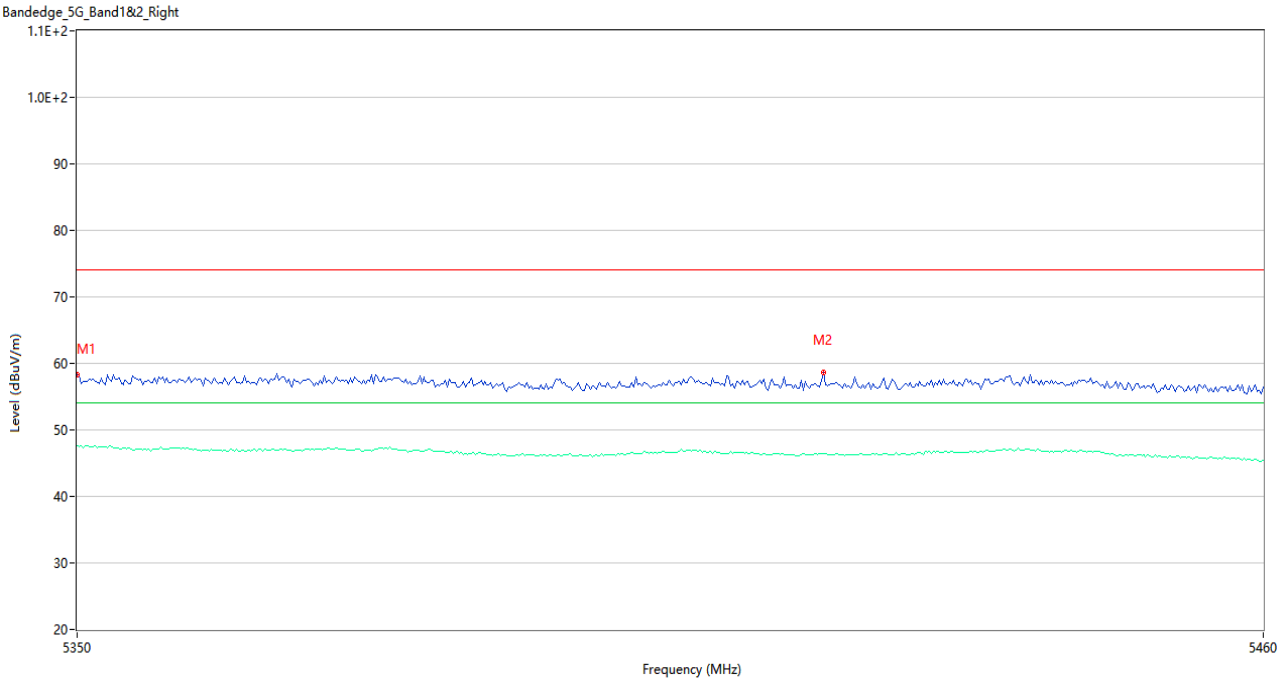
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.31	3.96	74.0	-15.69	Peak	120.00	150	Horizontal	Pass
1**	5350.000	48.26	3.96	54.0	-5.74	AV	120.00	150	Horizontal	Pass
2	5353.483	58.81	3.83	74.0	-15.19	Peak	72.00	150	Horizontal	Pass
2**	5353.483	47.61	3.83	54.0	-6.39	AV	72.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH52



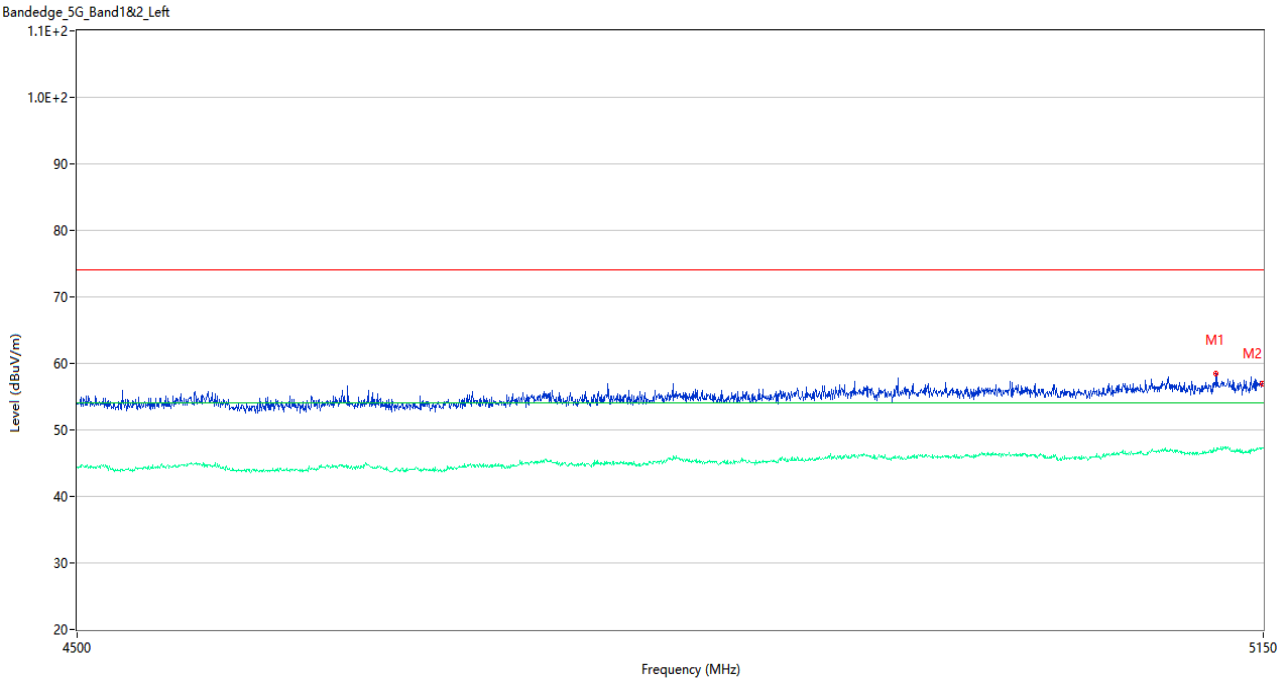
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.950	57.93	4.07	74.0	-16.07	Peak	88.00	150	Horizontal	Pass
1**	5125.950	47.01	4.07	54.0	-6.99	AV	88.00	150	Horizontal	Pass
2	5149.675	56.16	3.94	74.0	-17.84	Peak	335.00	100	Horizontal	Pass
2**	5149.675	47.41	3.94	54.0	-6.59	AV	335.00	100	Horizontal	Pass

U-NII-2A 11ac20 CH64



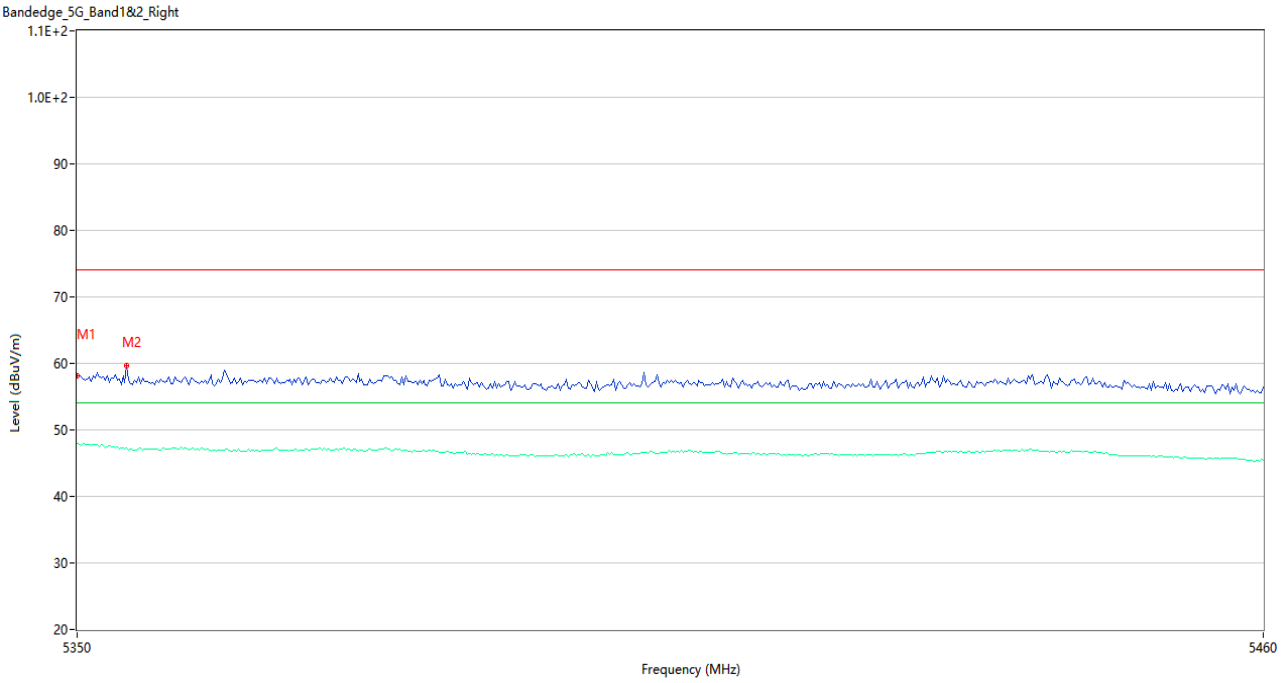
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.29	3.96	74.0	-15.71	Peak	140.00	200	Horizontal	Pass
1**	5350.000	47.68	3.96	54.0	-6.32	AV	140.00	200	Horizontal	Pass
2	5418.933	58.59	4.04	74.0	-15.41	Peak	106.00	200	Horizontal	Pass
2**	5418.933	46.45	4.04	54.0	-7.55	AV	106.00	200	Horizontal	Pass

U-NII-2A 11ac40 CH54



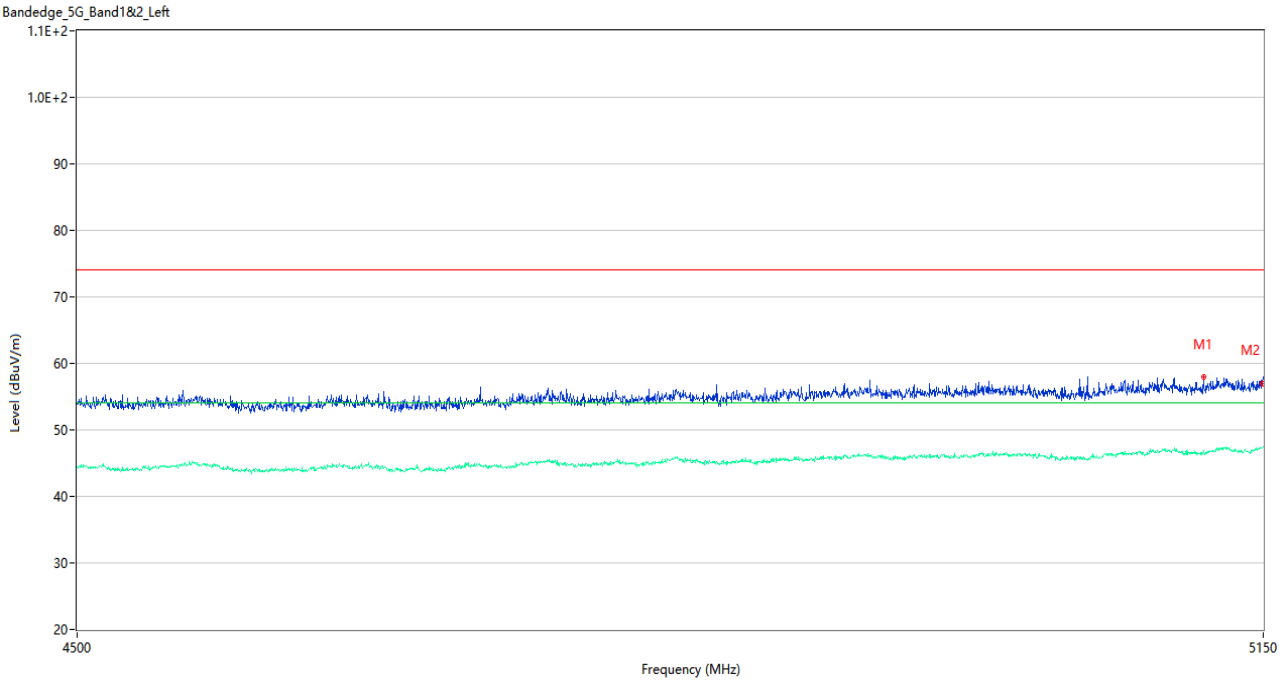
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5122.375	58.52	3.99	74.0	-15.48	Peak	244.00	150	Horizontal	Pass
1**	5122.375	46.83	3.99	54.0	-7.17	AV	244.00	150	Horizontal	Pass
2	5149.675	56.88	3.94	74.0	-17.12	Peak	138.00	200	Horizontal	Pass
2**	5149.675	47.29	3.94	54.0	-6.71	AV	138.00	200	Horizontal	Pass

U-NII-2A 11ac40 CH62



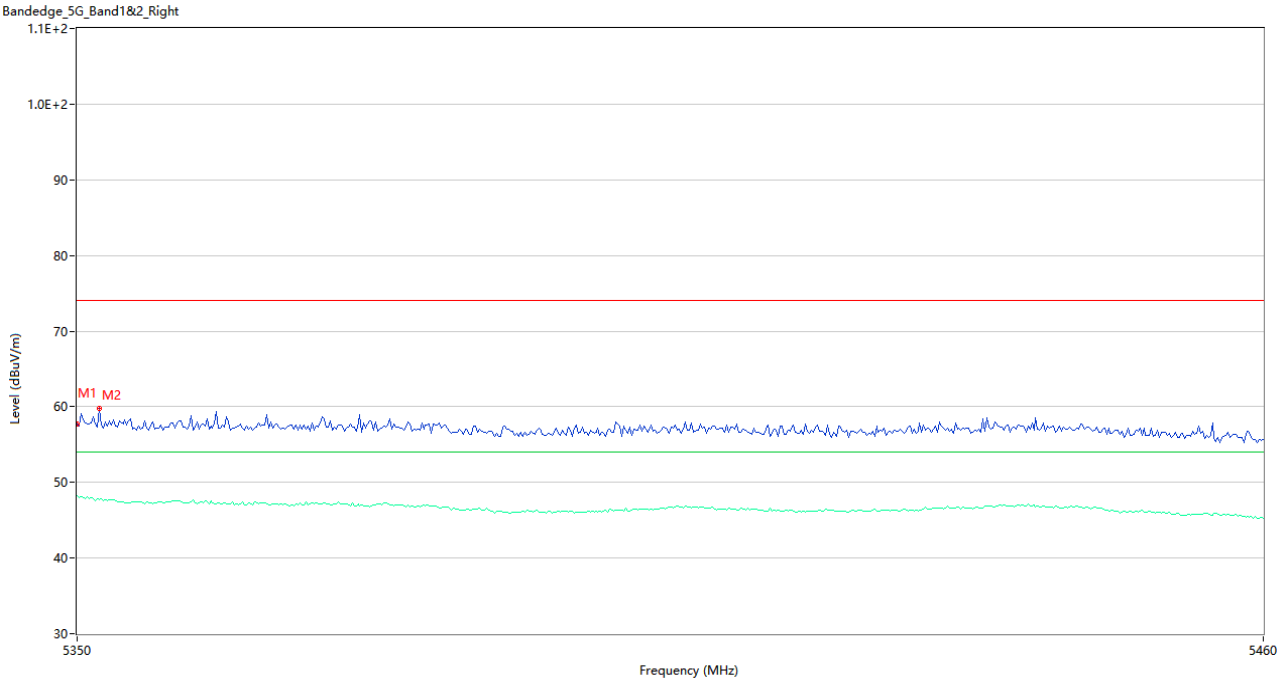
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.21	3.96	74.0	-15.79	Peak	82.00	100	Horizontal	Pass
1**	5350.000	47.91	3.96	54.0	-6.09	AV	82.00	100	Horizontal	Pass
2	5354.584	59.68	3.66	74.0	-14.32	Peak	90.00	200	Horizontal	Pass
2**	5354.584	47.30	3.66	54.0	-6.70	AV	90.00	200	Horizontal	Pass

U-NII-2A 11ac80 CH58



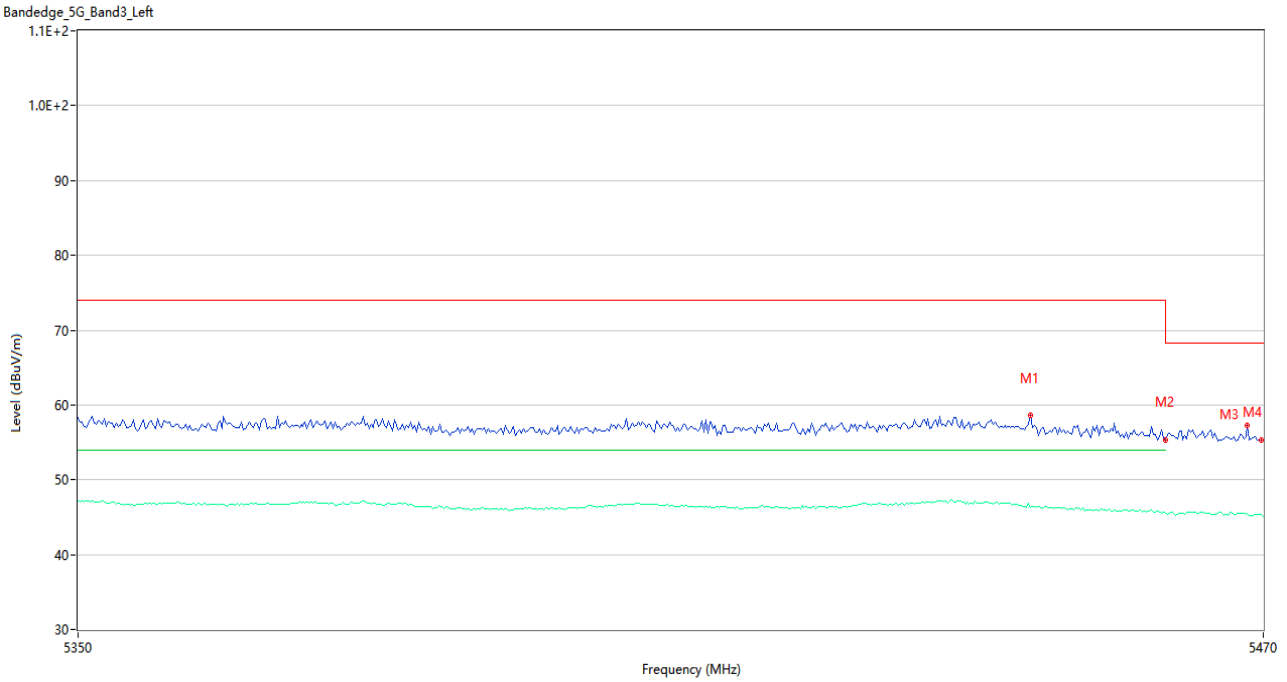
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5115.225	57.92	3.87	74.0	-16.08	Peak	116.00	150	Horizontal	Pass
1**	5115.225	46.56	3.87	54.0	-7.44	AV	116.00	150	Horizontal	Pass
2	5149.675	56.94	3.94	74.0	-17.06	Peak	35.00	150	Horizontal	Pass
2**	5149.675	47.24	3.94	54.0	-6.76	AV	35.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



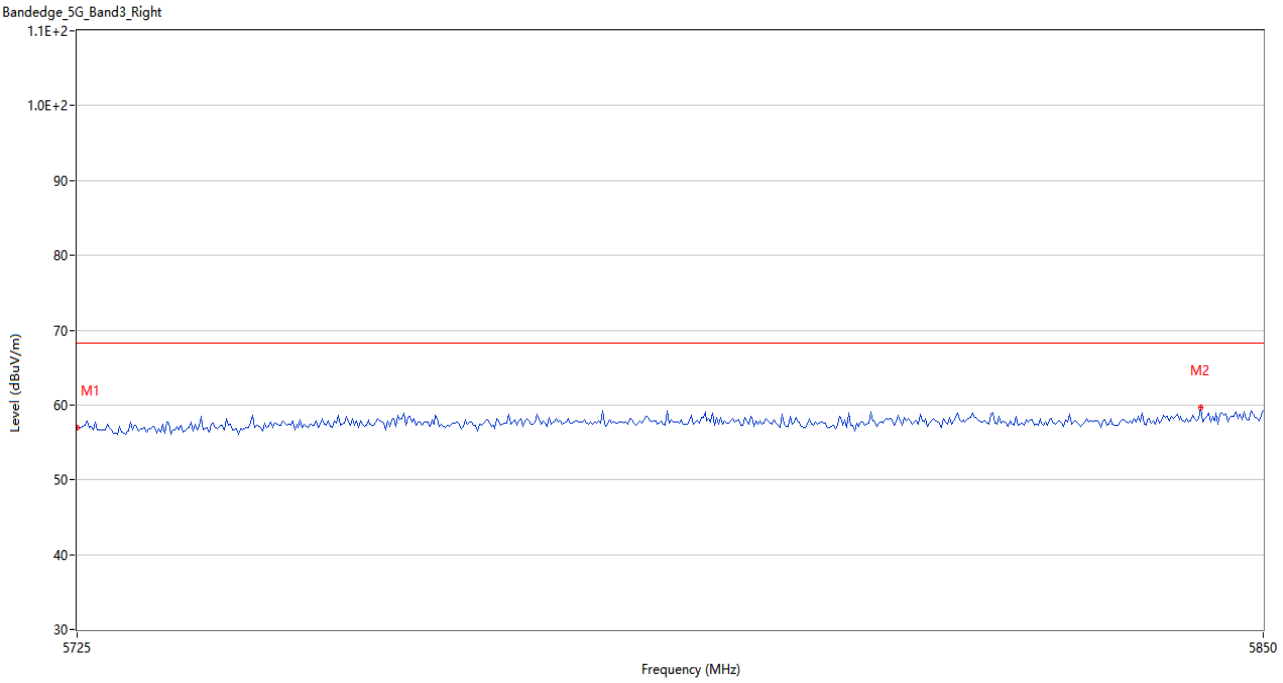
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.68	3.96	74.0	-16.32	Peak	79.00	200	Horizontal	Pass
1**	5350.000	48.23	3.96	54.0	-5.77	AV	79.00	200	Horizontal	Pass
2	5352.016	59.77	3.94	74.0	-14.23	Peak	67.00	200	Horizontal	Pass
2**	5352.016	47.67	3.94	54.0	-6.33	AV	67.00	200	Horizontal	Pass

U-NII-2C 11a CH100



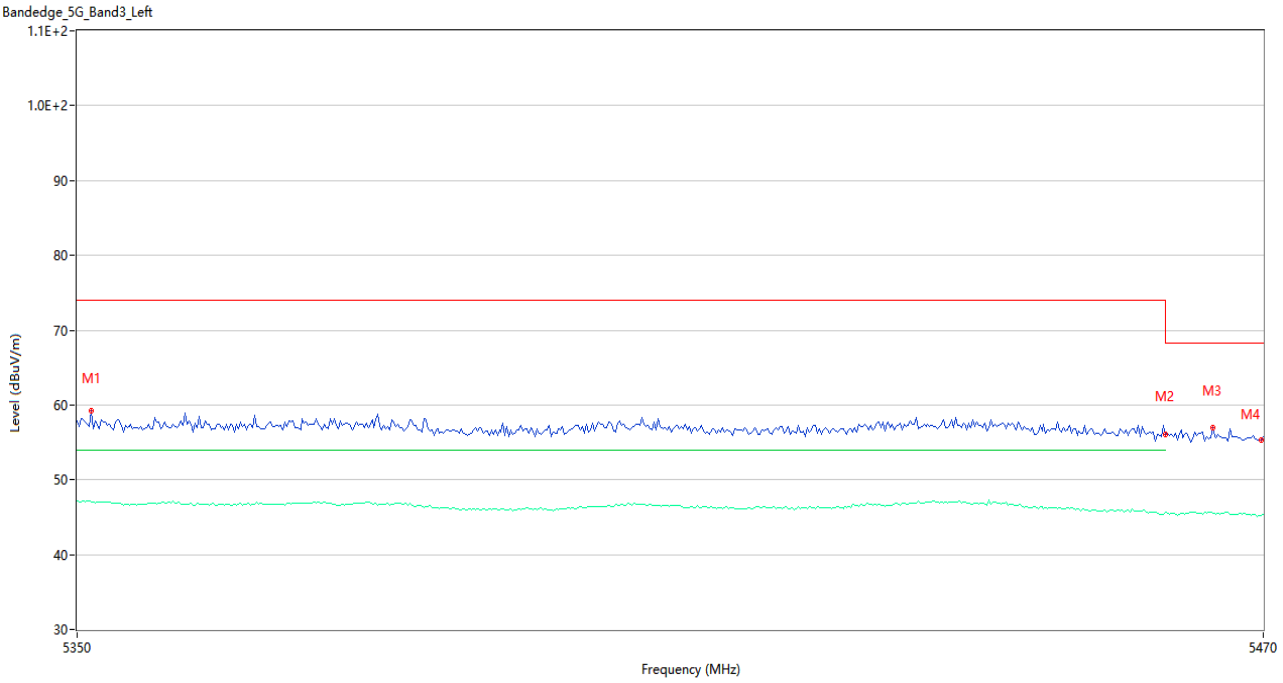
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5446.200	58.61	4.55	74.0	-15.39	Peak	54.00	200	Horizontal	Pass
1**	5446.200	46.33	4.55	54.0	-7.67	AV	54.00	200	Horizontal	Pass
2	5460.000	55.37	4.23	74.0	-18.63	Peak	126.00	150	Horizontal	Pass
2**	5460.000	45.59	4.23	54.0	-8.41	AV	126.00	150	Horizontal	Pass
3	5468.400	57.33	3.89	68.2	-10.87	Peak	158.00	150	Horizontal	Pass
3**	5468.400	45.54	3.89	--	--	AV	158.00	150	Horizontal	N/A
4	5469.800	55.33	3.78	68.2	-12.87	Peak	0.00	200	Horizontal	Pass
4**	5469.800	45.35	3.78	--	--	AV	0.00	200	Horizontal	N/A

U-NII-2C 11a CH140



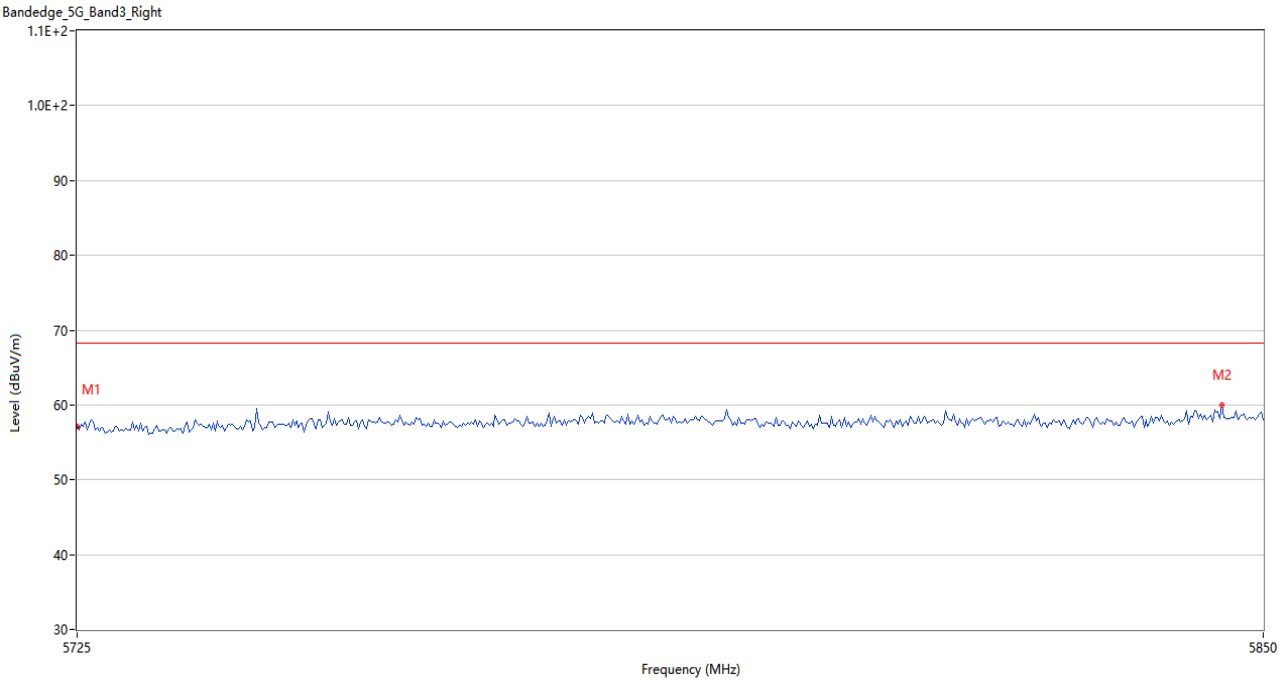
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.99	4.45	68.2	-11.21	Peak	270.00	200	Horizontal	Pass
2	5843.334	59.67	5.76	68.2	-8.53	Peak	82.00	150	Horizontal	Pass

U-NII-2C 11n20 CH100



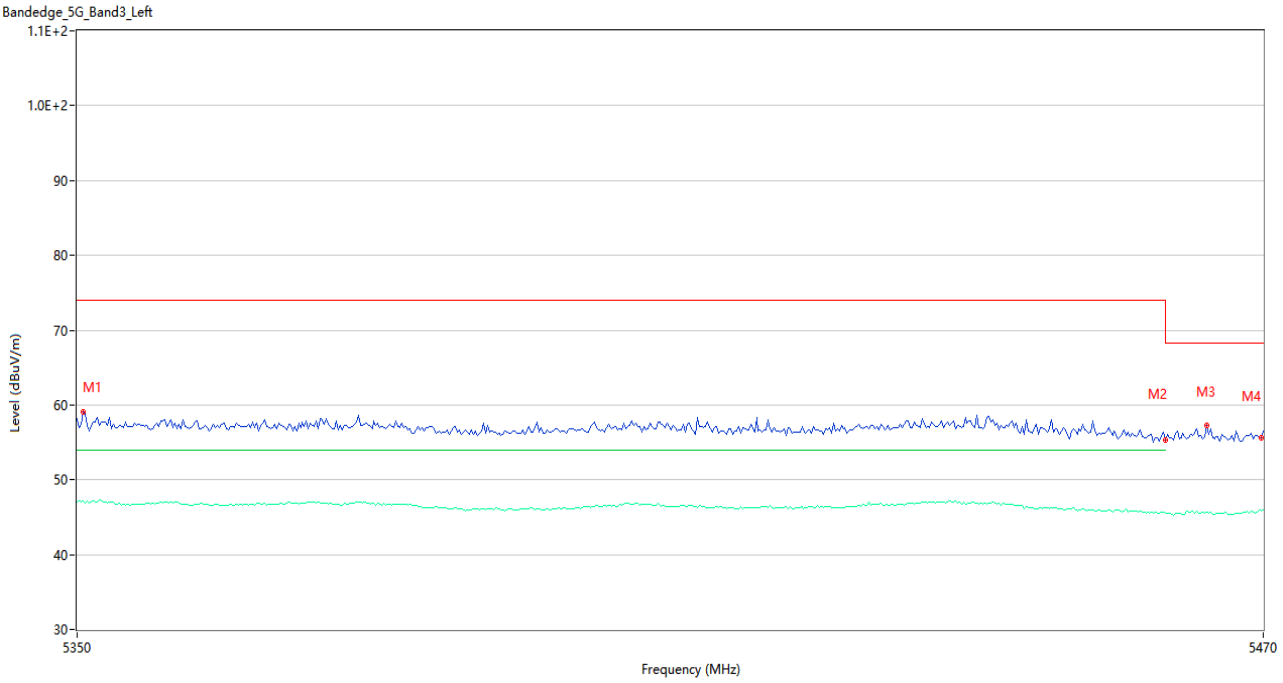
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5351.400	59.23	3.94	74.0	-14.77	Peak	241.00	200	Horizontal	Pass
1**	5351.400	46.95	3.94	54.0	-7.05	AV	241.00	200	Horizontal	Pass
2	5460.000	56.11	4.23	74.0	-17.89	Peak	150.00	200	Horizontal	Pass
2**	5460.000	45.67	4.23	54.0	-8.33	AV	150.00	200	Horizontal	Pass
3	5464.800	56.97	4.09	68.2	-11.23	Peak	11.00	100	Horizontal	Pass
3**	5464.800	45.56	4.09	--	--	AV	11.00	100	Horizontal	N/A
4	5469.800	55.38	3.78	68.2	-12.82	Peak	152.00	150	Horizontal	Pass
4**	5469.800	45.26	3.78	--	--	AV	152.00	150	Horizontal	N/A

U-NII-2C 11n20 CH140



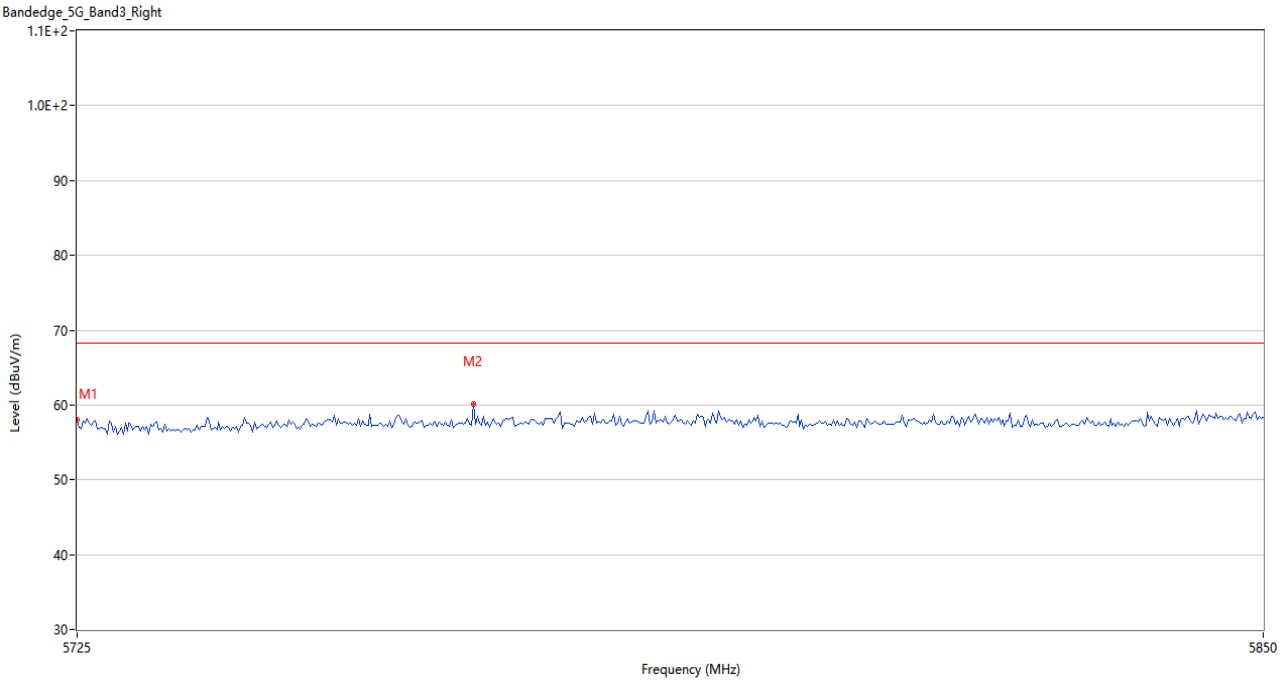
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.16	4.45	68.2	-11.04	Peak	45.00	200	Horizontal	Pass
2	5845.625	59.92	5.76	68.2	-8.28	Peak	175.00	200	Horizontal	Pass

U-NII-2C 11n40 CH102



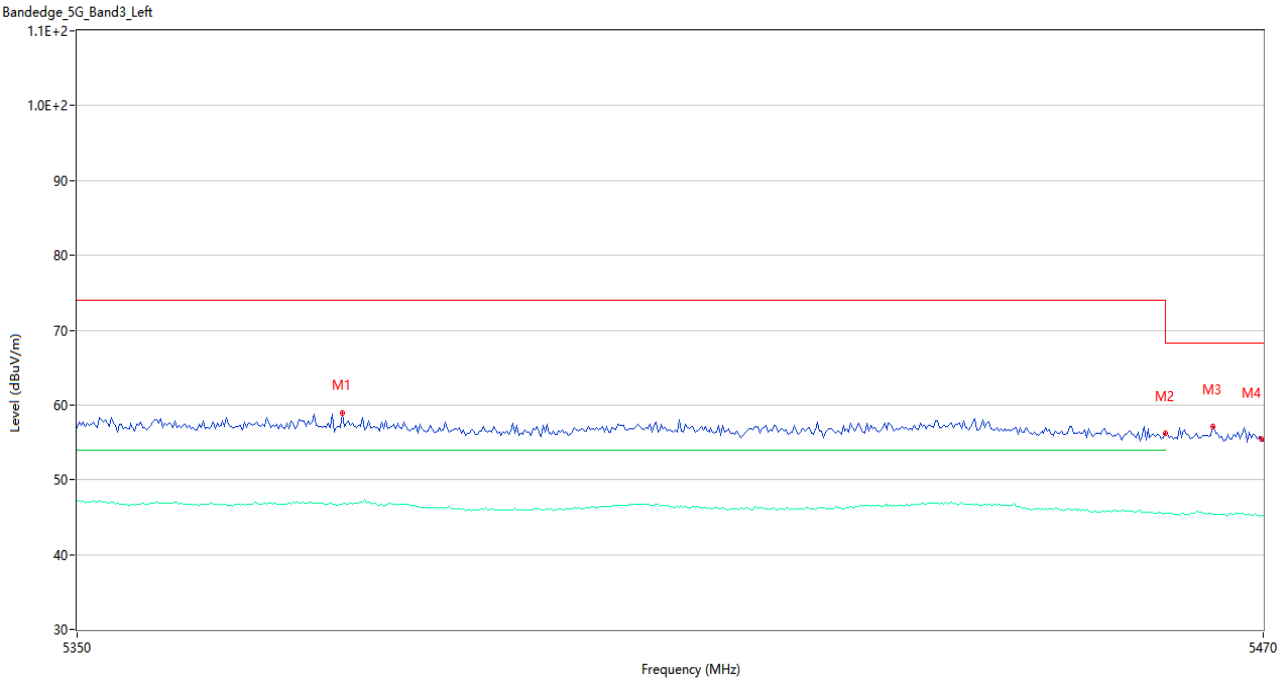
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.600	59.13	3.95	74.0	-14.87	Peak	235.00	150	Horizontal	Pass
1**	5350.600	47.16	3.95	54.0	-6.84	AV	235.00	150	Horizontal	Pass
2	5460.000	55.29	4.23	74.0	-18.71	Peak	343.00	200	Horizontal	Pass
2**	5460.000	45.49	4.23	54.0	-8.51	AV	343.00	200	Horizontal	Pass
3	5464.200	57.34	4.17	68.2	-10.86	Peak	132.00	200	Horizontal	Pass
3**	5464.200	45.64	4.17	--	--	AV	132.00	200	Horizontal	N/A
4	5469.800	55.56	3.78	68.2	-12.64	Peak	134.00	100	Horizontal	Pass
4**	5469.800	45.76	3.78	--	--	AV	134.00	100	Horizontal	N/A

U-NII-2C 11n40 CH134



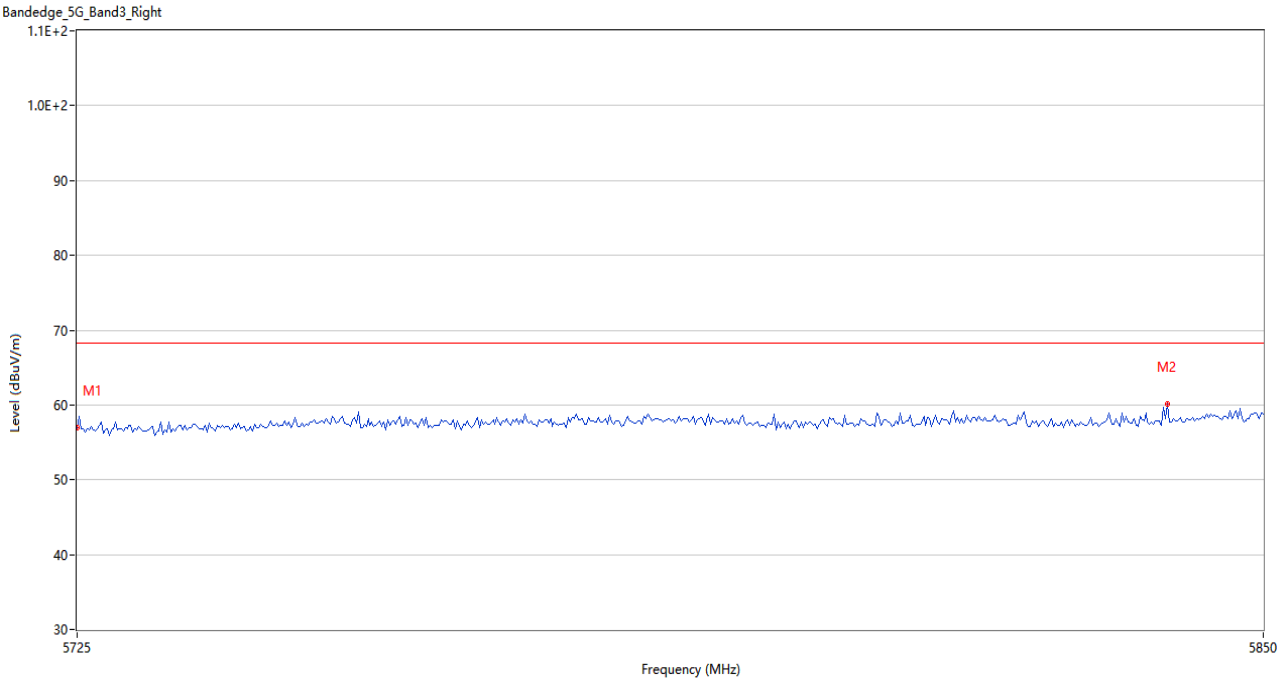
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.98	4.45	68.2	-10.22	Peak	268.00	100	Horizontal	Pass
2	5766.458	60.07	4.77	68.2	-8.13	Peak	31.00	100	Horizontal	Pass

U-NII-2C 11ac20 CH100



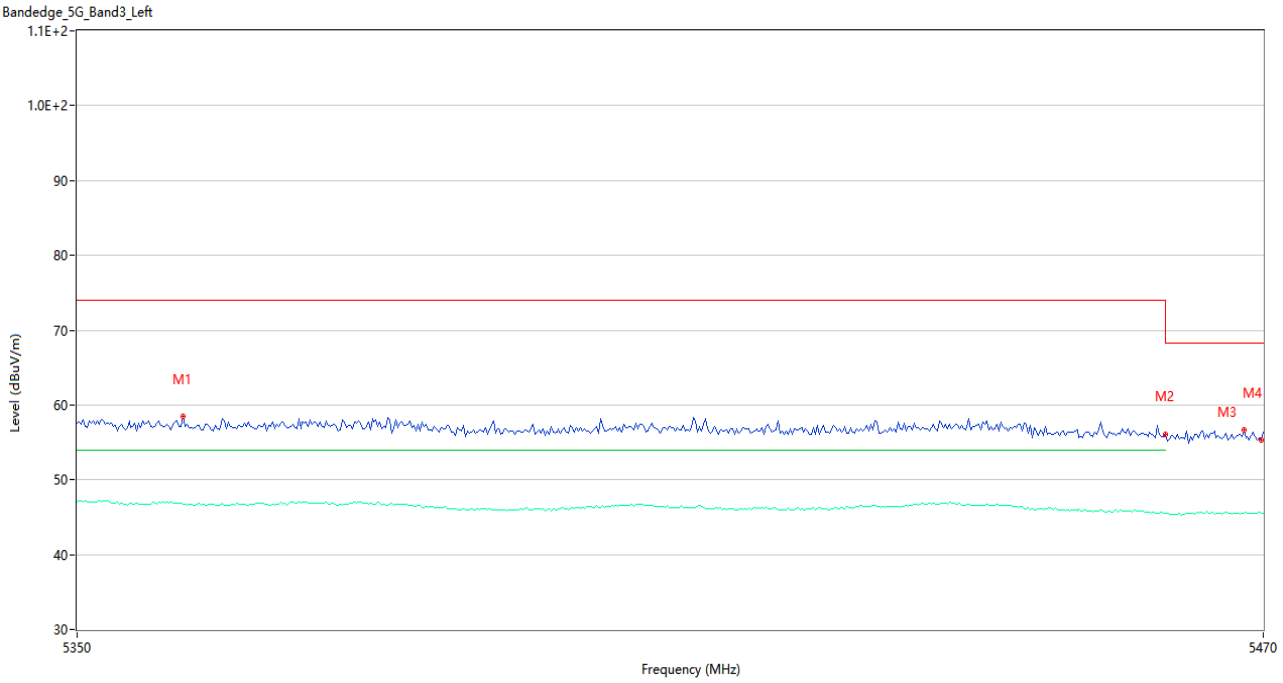
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5376.600	58.92	3.82	74.0	-15.08	Peak	351.00	200	Horizontal	Pass
1**	5376.600	46.77	3.82	54.0	-7.23	AV	351.00	200	Horizontal	Pass
2	5460.000	56.20	4.23	74.0	-17.80	Peak	102.00	150	Horizontal	Pass
2**	5460.000	45.54	4.23	54.0	-8.46	AV	102.00	150	Horizontal	Pass
3	5464.800	57.13	4.09	68.2	-11.07	Peak	62.00	150	Horizontal	Pass
3**	5464.800	45.34	4.09	--	--	AV	62.00	150	Horizontal	N/A
4	5469.800	55.39	3.78	68.2	-12.81	Peak	96.00	100	Horizontal	Pass
4**	5469.800	45.10	3.78	--	--	AV	96.00	100	Horizontal	N/A

U-NII-2C 11ac20 CH140



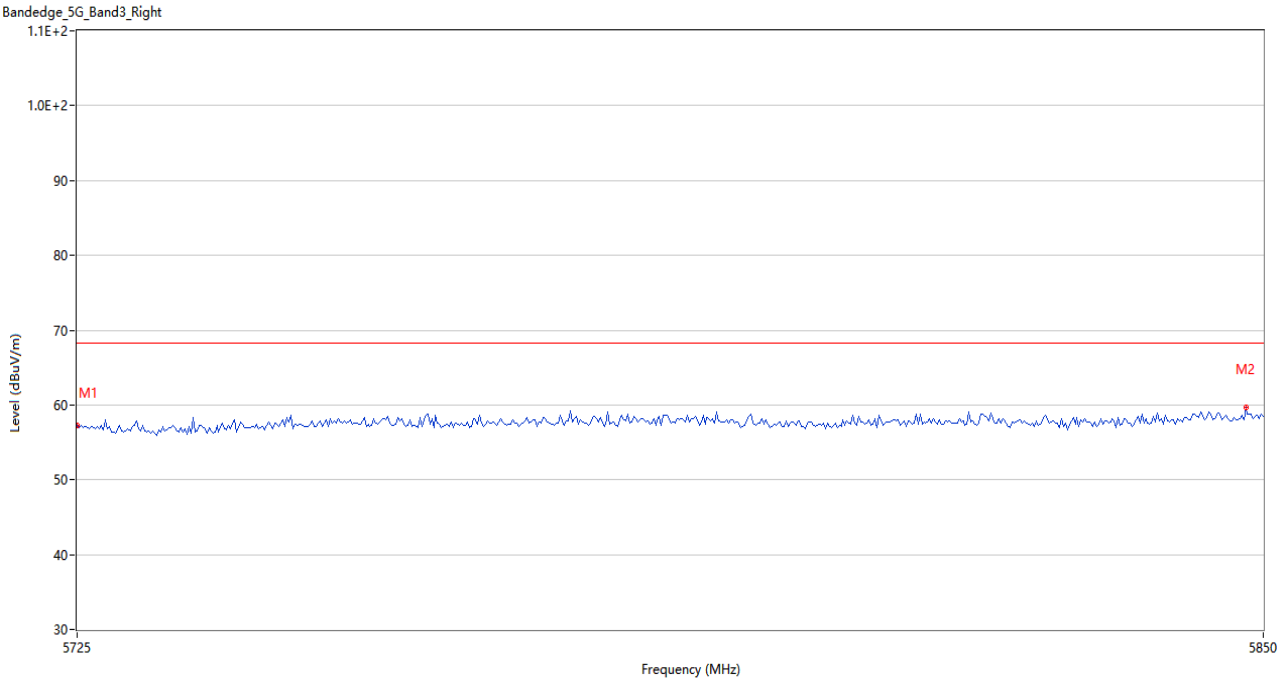
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.95	4.45	68.2	-11.25	Peak	332.00	150	Horizontal	Pass
2	5839.792	60.12	5.41	68.2	-8.08	Peak	11.00	200	Horizontal	Pass

U-NII-2C 11ac40 CH102



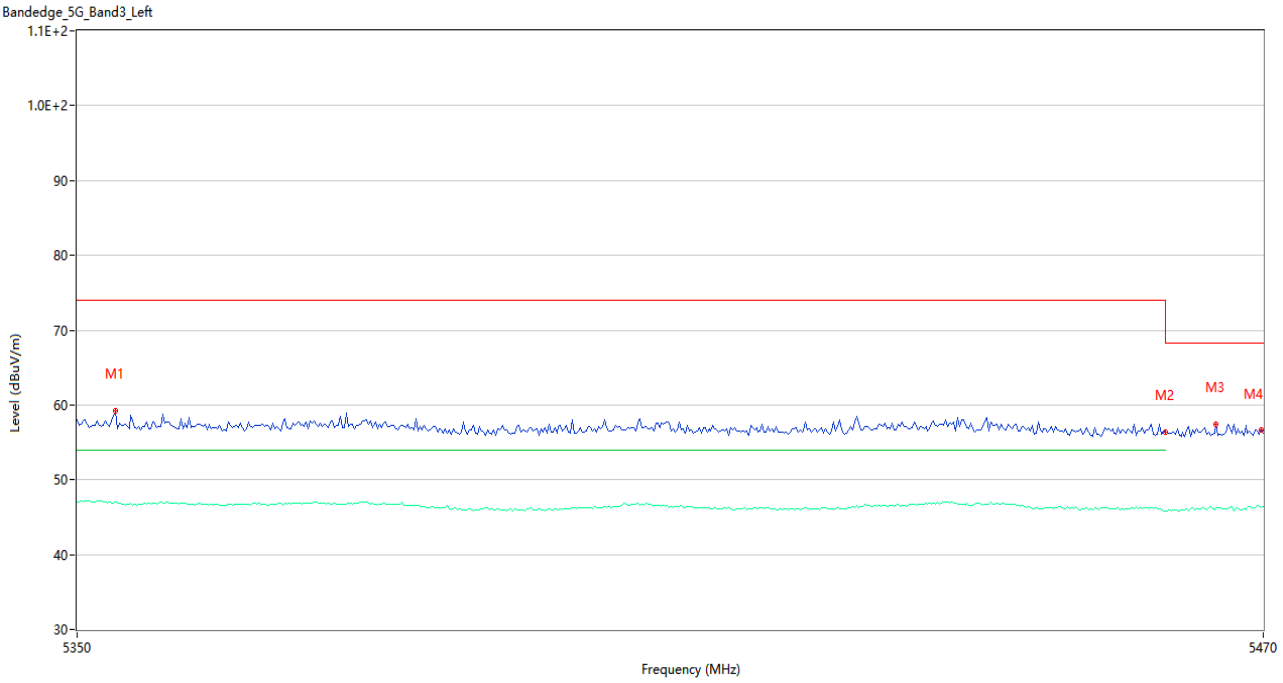
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5360.600	58.41	3.70	74.0	-15.59	Peak	355.00	200	Horizontal	Pass
1**	5360.600	46.77	3.70	54.0	-7.23	AV	355.00	200	Horizontal	Pass
2	5460.000	56.12	4.23	74.0	-17.88	Peak	319.00	100	Horizontal	Pass
2**	5460.000	45.53	4.23	54.0	-8.47	AV	319.00	100	Horizontal	Pass
3	5468.000	56.73	3.93	68.2	-11.47	Peak	335.00	150	Horizontal	Pass
3**	5468.000	45.45	3.93	--	--	AV	335.00	150	Horizontal	N/A
4	5469.800	55.37	3.78	68.2	-12.83	Peak	34.00	200	Horizontal	Pass
4**	5469.800	45.56	3.78	--	--	AV	34.00	200	Horizontal	N/A

U-NII-2C 11ac40 CH134



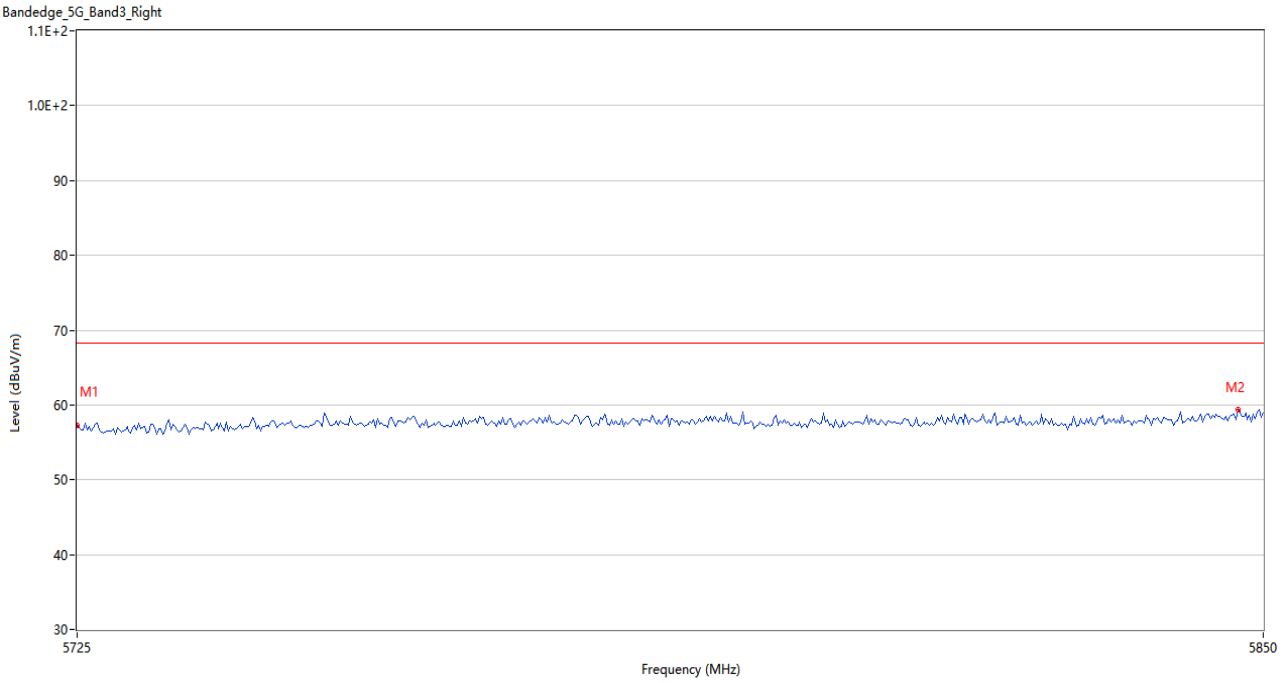
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.34	4.45	68.2	-10.86	Peak	106.00	200	Horizontal	Pass
2	5848.125	59.73	5.64	68.2	-8.47	Peak	354.00	200	Horizontal	Pass

U-NII-2C 11ac80 CH106



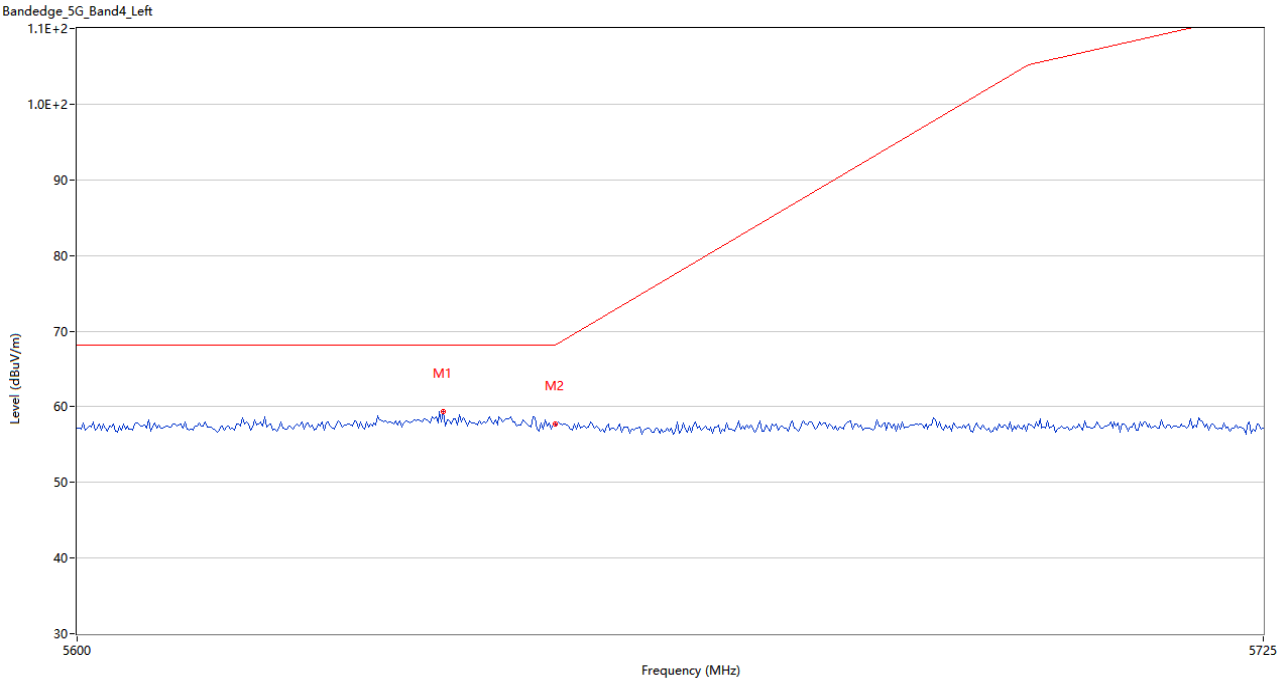
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5353.800	59.27	3.78	74.0	-14.73	Peak	261.00	200	Horizontal	Pass
1**	5353.800	47.04	3.78	54.0	-6.96	AV	261.00	200	Horizontal	Pass
2	5460.000	56.29	4.23	74.0	-17.71	Peak	323.00	100	Horizontal	Pass
2**	5460.000	45.81	4.23	54.0	-8.19	AV	323.00	100	Horizontal	Pass
3	5465.200	57.39	4.05	68.2	-10.81	Peak	82.00	100	Horizontal	Pass
3**	5465.200	46.28	4.05	--	--	AV	82.00	100	Horizontal	N/A
4	5469.800	56.70	3.78	68.2	-11.50	Peak	94.00	100	Horizontal	Pass
4**	5469.800	46.34	3.78	--	--	AV	94.00	100	Horizontal	N/A

U-NII-2C 11ac80 CH122



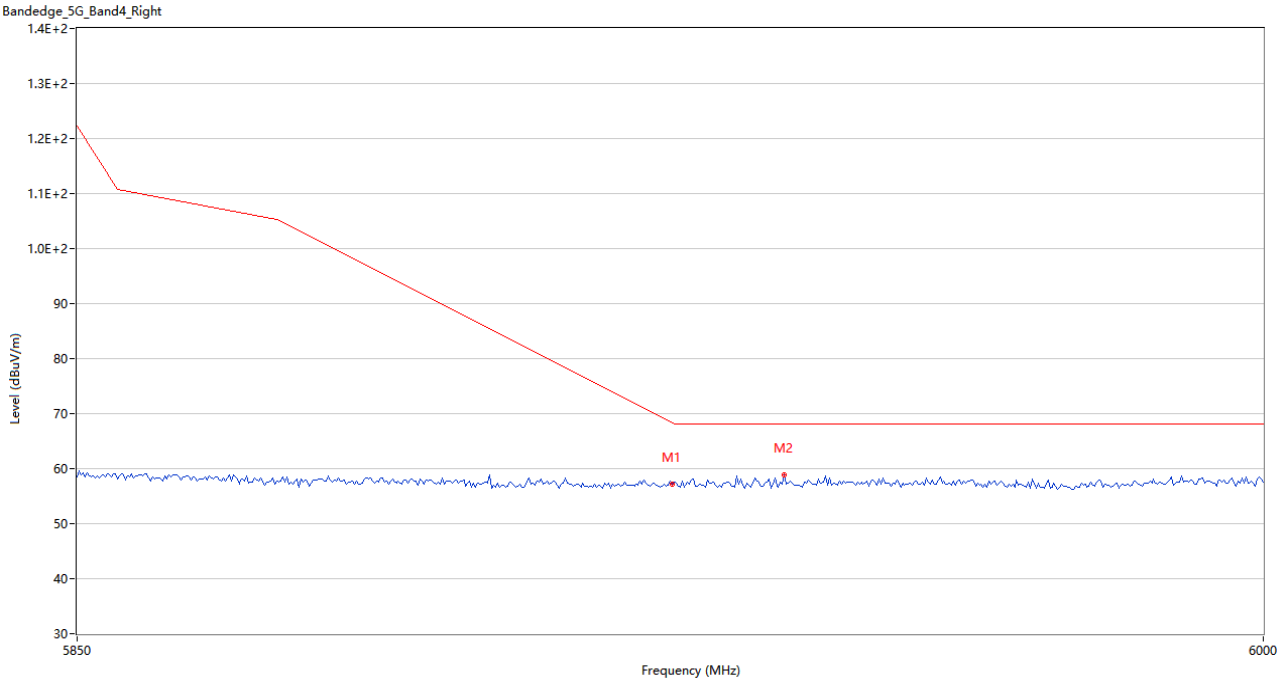
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.29	4.45	68.2	-10.91	Peak	190.00	200	Horizontal	Pass
2	5847.291	59.34	5.68	68.2	-8.86	Peak	111.00	100	Horizontal	Pass

U-NII-3 11a CH149



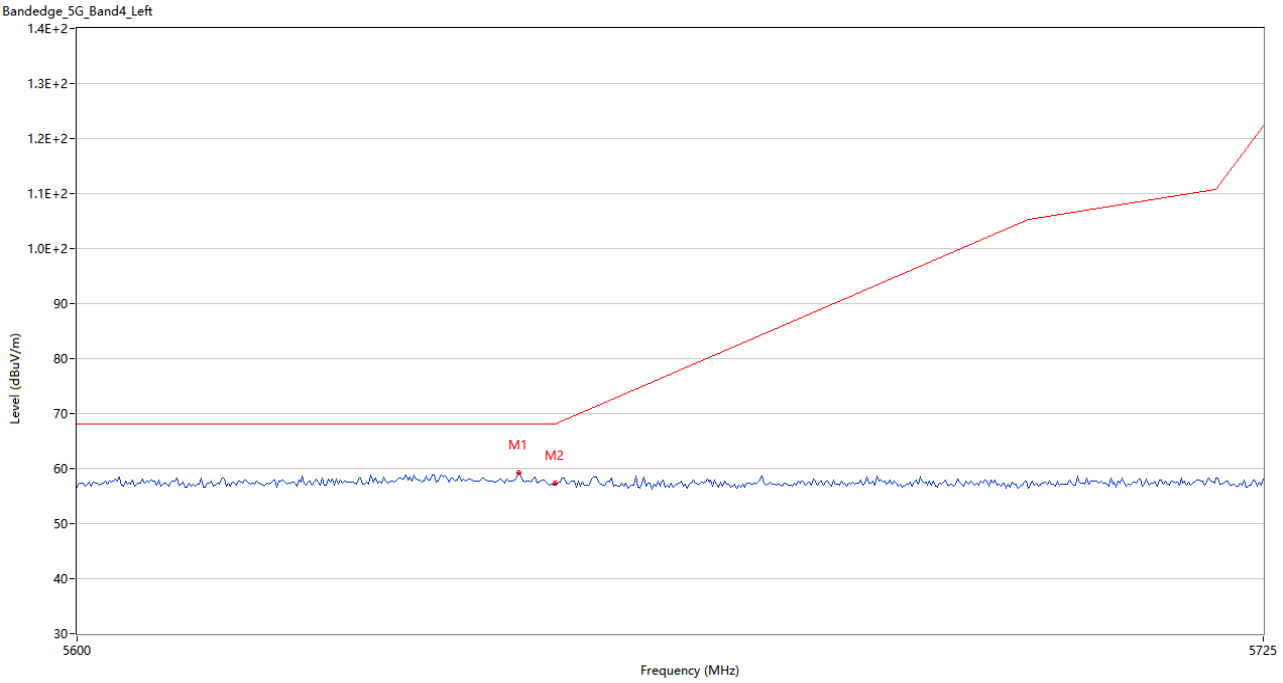
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.333	59.41	5.43	68.2	-8.79	Peak	192.00	200	Horizontal	Pass
2	5650.000	57.76	4.91	68.2	-10.44	Peak	305.00	100	Horizontal	Pass

U-NII-3 11a CH165



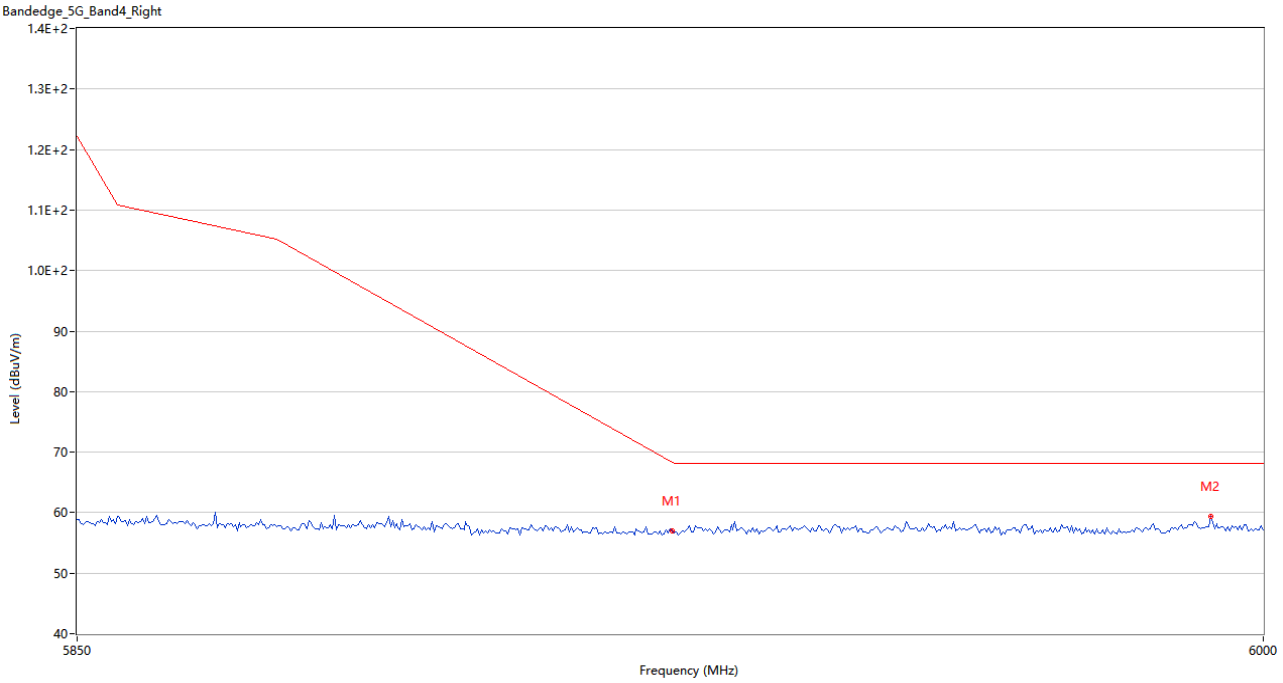
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.15	4.24	68.4	-11.25	Peak	300.00	100	Horizontal	Pass
2	5939.000	58.80	4.54	68.2	-9.40	Peak	102.00	100	Horizontal	Pass

U-NII-3 11n20 CH149



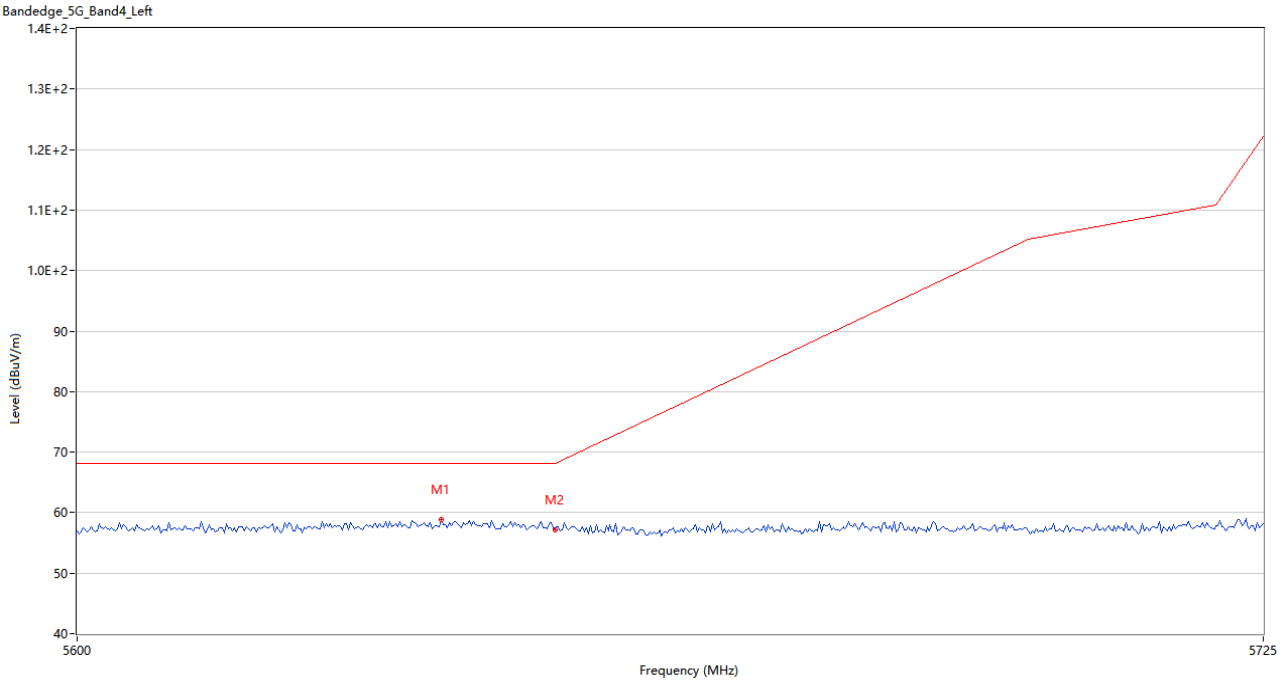
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.250	59.31	5.10	68.2	-8.89	Peak	287.00	150	Horizontal	Pass
2	5650.000	57.42	4.91	68.2	-10.78	Peak	146.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



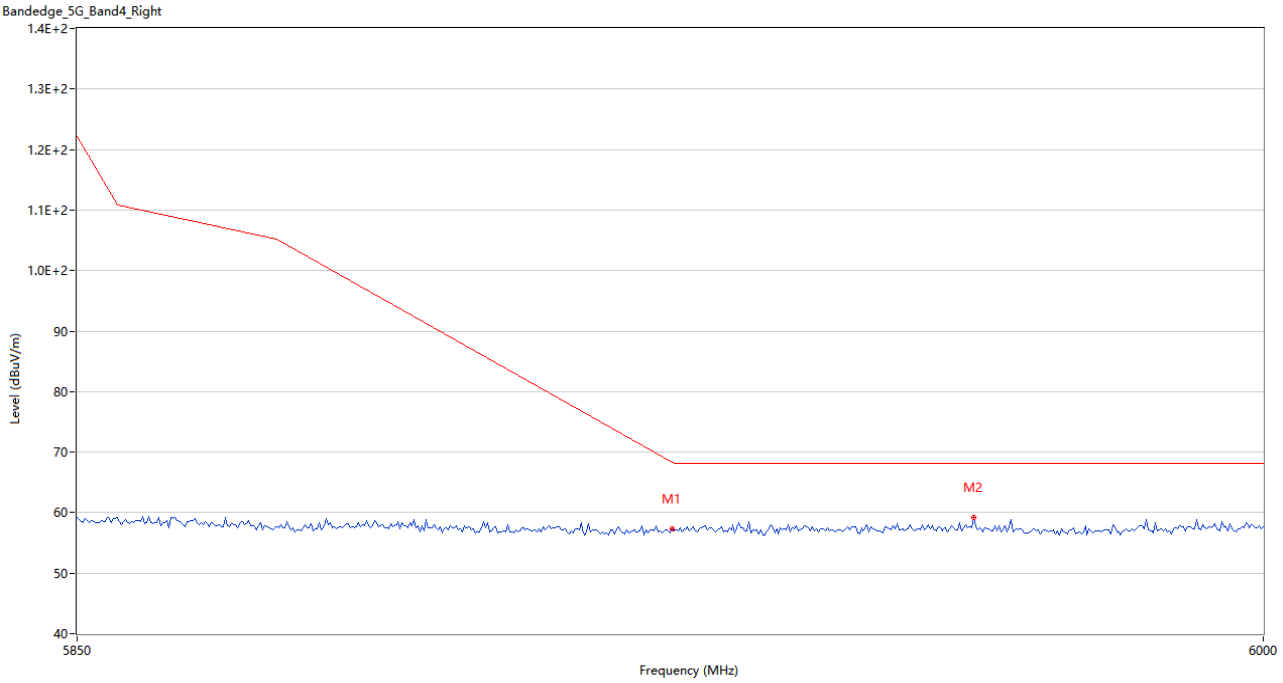
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.95	4.24	68.4	-11.45	Peak	127.00	200	Horizontal	Pass
2	5993.250	59.32	5.27	68.2	-8.88	Peak	213.00	200	Horizontal	Pass

U-NII-3 11n40 CH151



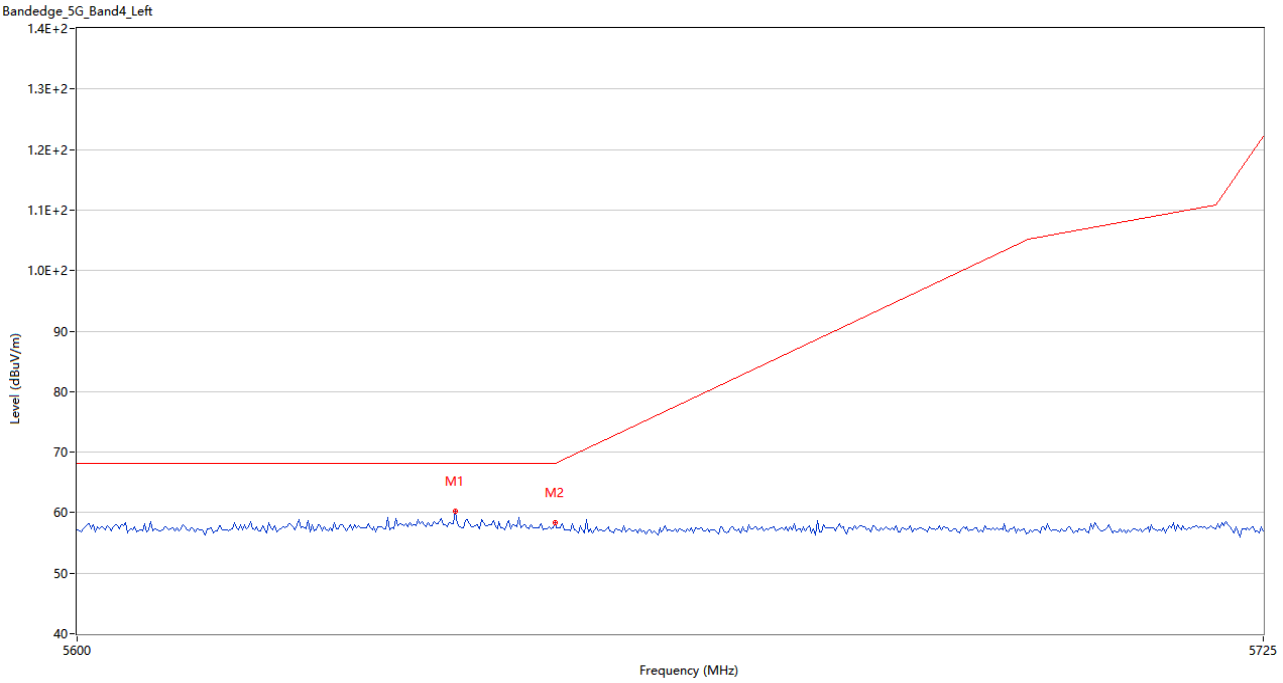
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.125	58.85	5.43	68.2	-9.35	Peak	307.00	200	Horizontal	Pass
2	5650.000	57.16	4.91	68.2	-11.04	Peak	188.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



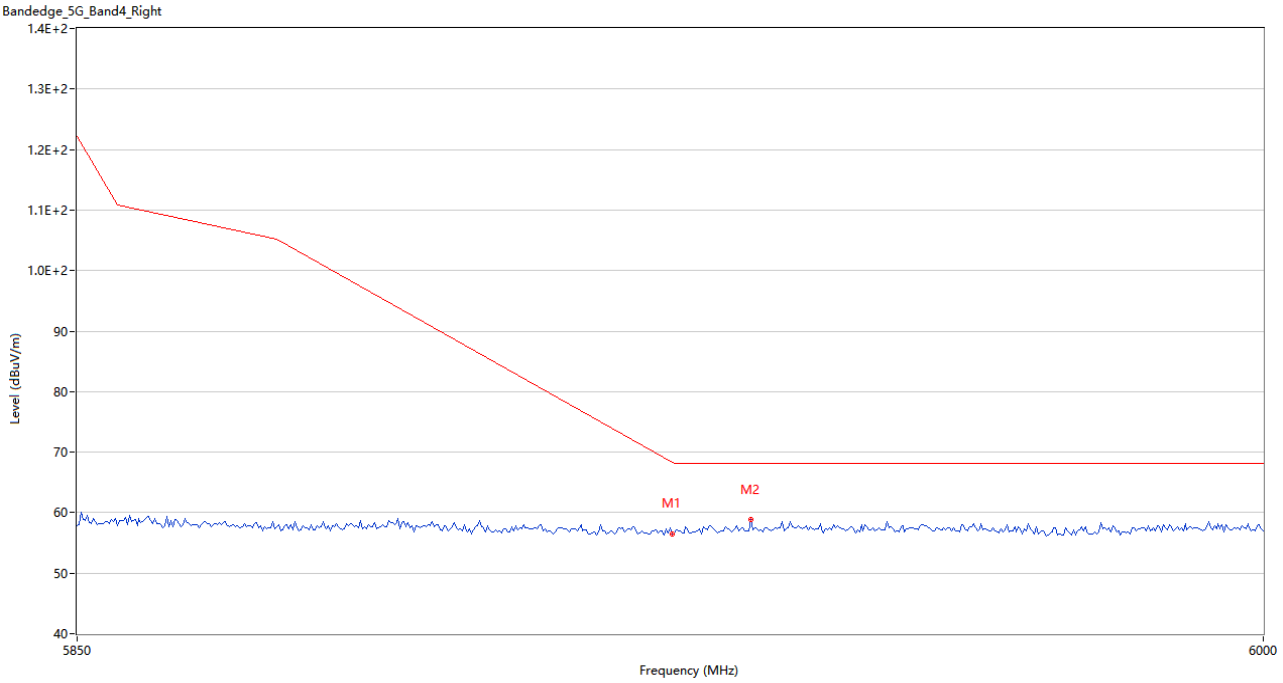
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.37	4.24	68.4	-11.03	Peak	8.00	200	Horizontal	Pass
2	5963.000	59.15	4.70	68.2	-9.05	Peak	114.00	100	Horizontal	Pass

U-NII-3 11ac20 CH149



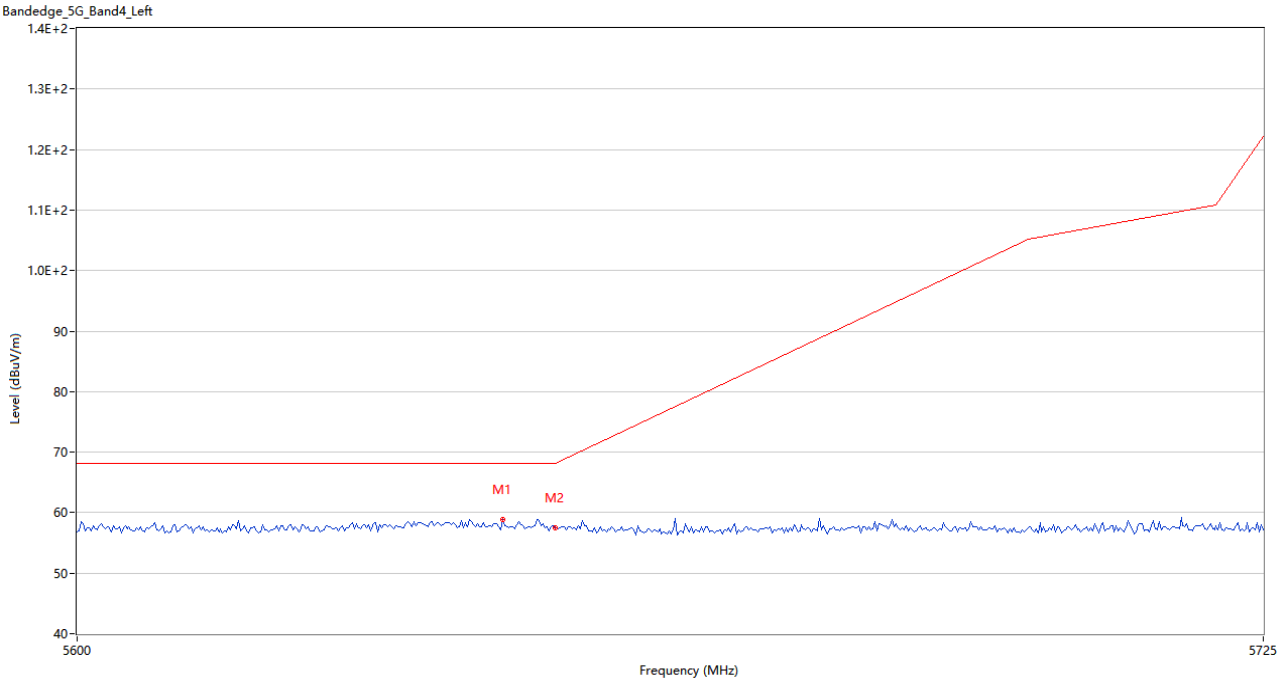
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.584	60.17	5.40	68.2	-8.03	Peak	160.00	150	Horizontal	Pass
2	5650.000	58.36	4.91	68.2	-9.84	Peak	218.00	100	Horizontal	Pass

U-NII-3 11ac20 CH165



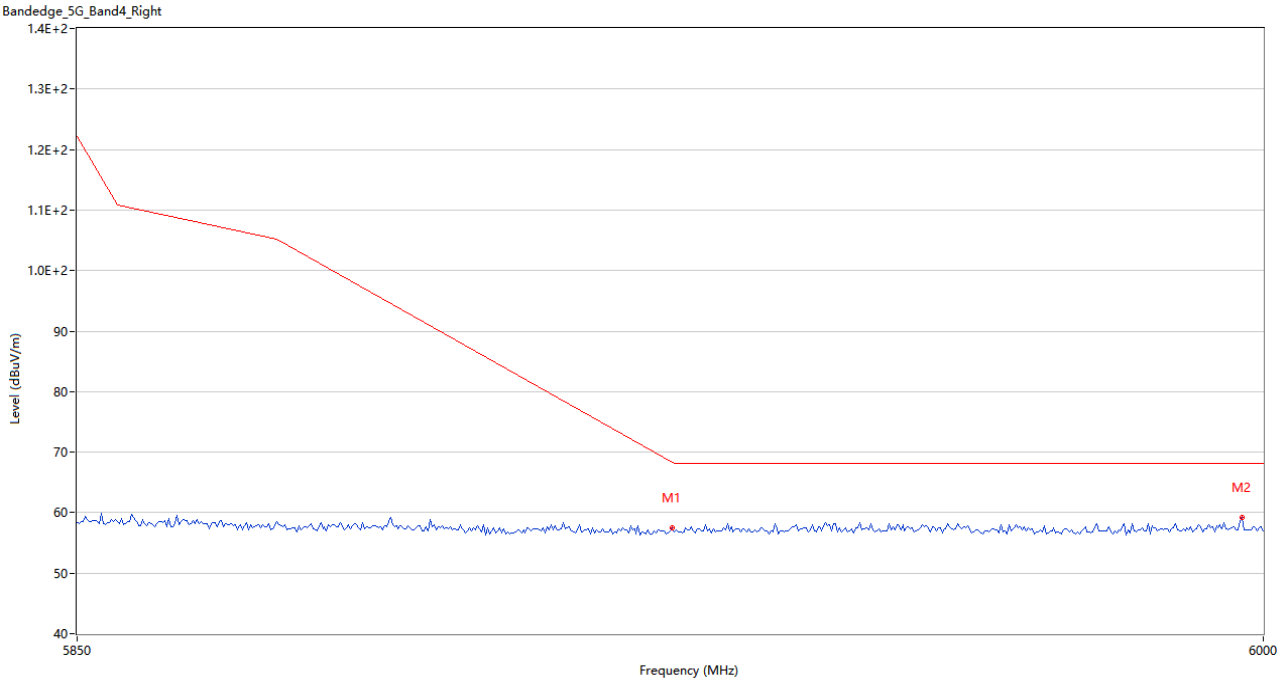
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.53	4.24	68.4	-11.87	Peak	360.00	100	Horizontal	Pass
2	5934.750	58.91	4.44	68.2	-9.29	Peak	84.00	200	Horizontal	Pass

U-NII-3 11ac40 CH151



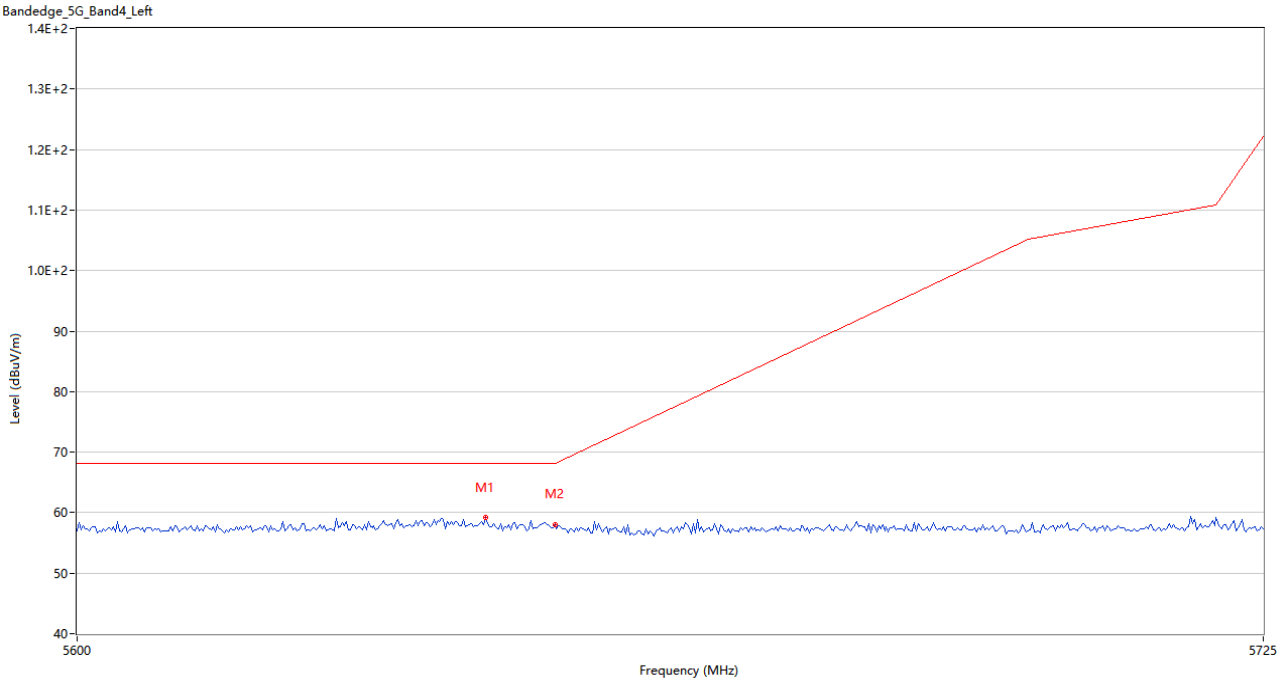
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.583	58.87	5.06	68.2	-9.33	Peak	170.00	200	Horizontal	Pass
2	5650.000	57.46	4.91	68.2	-10.74	Peak	62.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



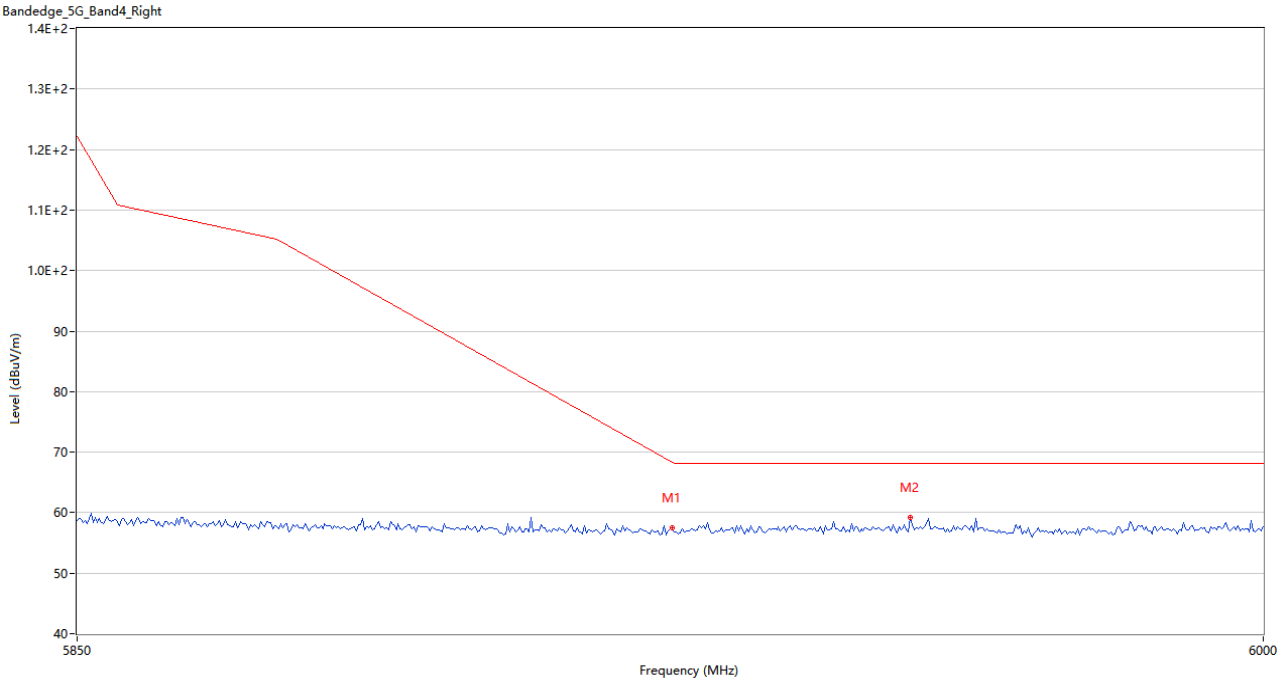
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.44	4.24	68.4	-10.96	Peak	5.00	150	Horizontal	Pass
2	5997.250	59.24	5.21	68.2	-8.96	Peak	116.00	100	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.708	59.26	5.18	68.2	-8.94	Peak	152.00	200	Horizontal	Pass
2	5650.000	58.09	4.91	68.2	-10.11	Peak	13.00	100	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.54	4.24	68.4	-10.86	Peak	302.00	200	Horizontal	Pass
2	5955.000	59.24	4.61	68.2	-8.96	Peak	222.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2280108-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2280108-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2280108-AI.PDF”.

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--END OF REPORT--