TEST REPORT

Applicant:	Shanghai Xiangcheng Communication Technology Co., Ltd
Address:	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai
Equipment Type:	Intelligent Mobile Data Capture Terminal
Model Name:	T16 (refer to section 2.3)
Brand Name:	N/A
FCC ID:	2A2UU-MF-T1621
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Sep. 15, 2023
Test Date:	Sep. 20, 2023 - Sep. 27, 2023
Date of Issue:	Dec. 13, 2023

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	Nov. 30, 2023	Initial Issue
Rev. 02	Dec. 13, 2023	Update 2.5 Section Channel List and add remarks to sections A.1&A.4.

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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	Shanghai Xiangcheng Communication Technology Co., Ltd
Address	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai

2.2 Manufacturer Information

Manufacturer	Shanghai Xiangcheng Communication Technology Co., Ltd
Address	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai

2.3 General Description for Equipment under Test (EUT)

EUT Name	Intelligent Mobile Data Capture Terminal
Model Name Under Test	T16
Series Model Name	T1621, Ranger2K
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the customer)
Hardware Version	V1.0
Software Version	V1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17/25/26/66 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, Galileo, BeiDou, GLONASS, NFC

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, OFDMA
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile 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: 37.15 mW U-NII-2A: 37.50 mW U-NII-2C: 34.67 mW U-NII-3: 35.97 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 2.65 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.89 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.85 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.29 dBi
About the Product	The equipment is Intelligent Mobile Data Capture Terminal, intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**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**	126	5630		
100	**5500**	**134**	**5670**		
104	5520	**151**	**5755**		
108	5540	**159**	**5795**		
112	5560				
116	**5580**				
120	5600				
124	5620				
128	5640				
132	5660				
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)/ax(HE20)/be(EHT20)

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)/ax(HE40) /be(EHT40)

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 (5470 - 5725 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)/ax(HE80) /be(EHT80)

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	43% to 60%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.4℃ to +25.0℃
	LT (Low Temperature)	-20.0℃
	HT (High Temperature)	+50.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V
	LV (Low Voltage)	3.50 V
	HV (High Voltage)	4.35 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18
Amplifier	COM-MV	ZT30-1000M	18110850	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2022.12.07	2023.12.06

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

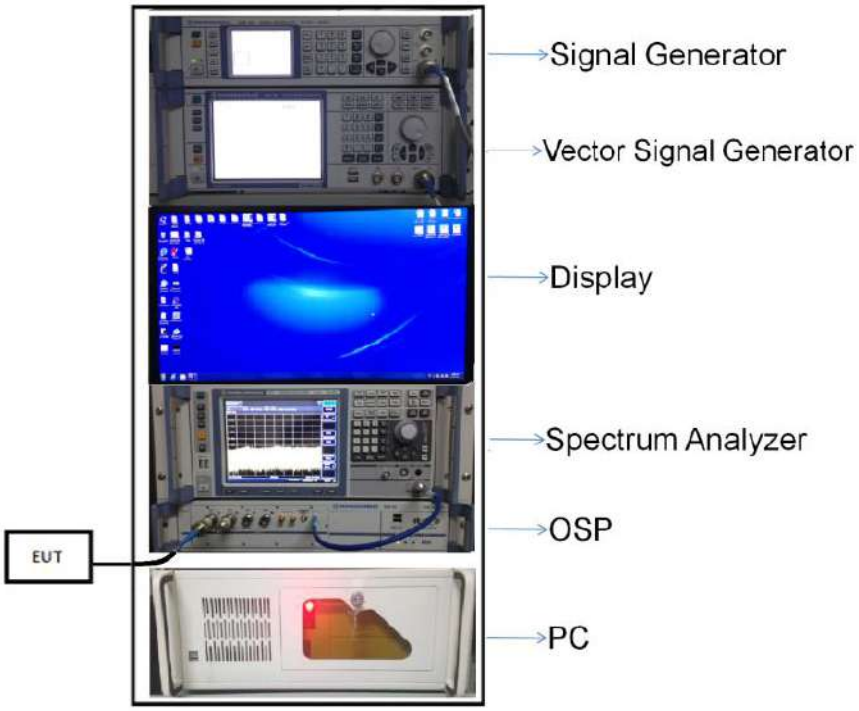
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

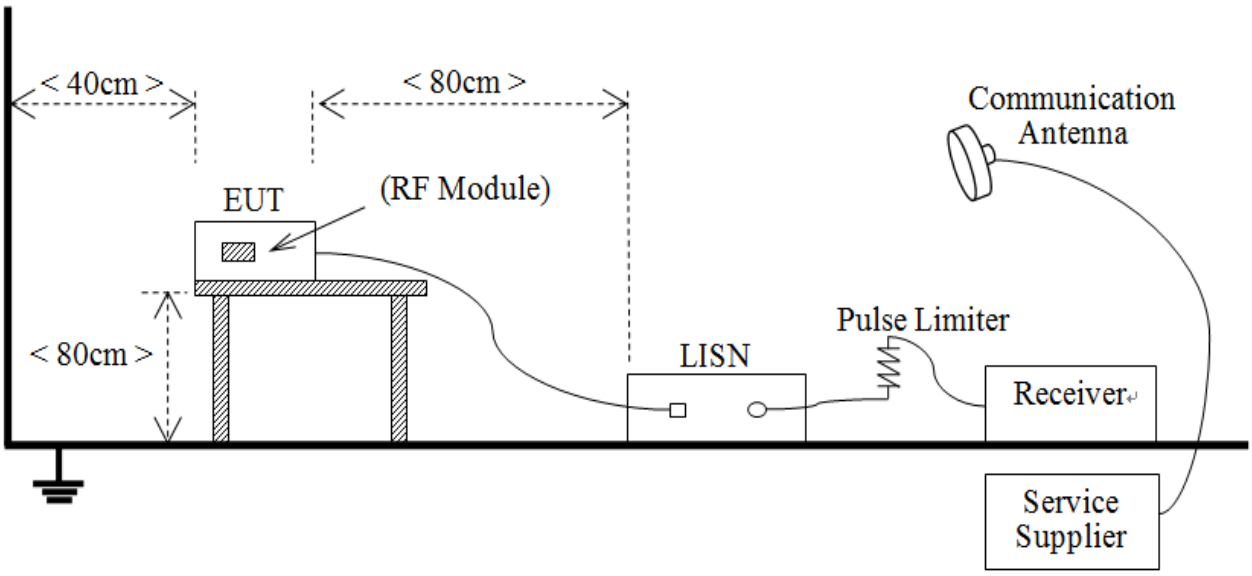
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



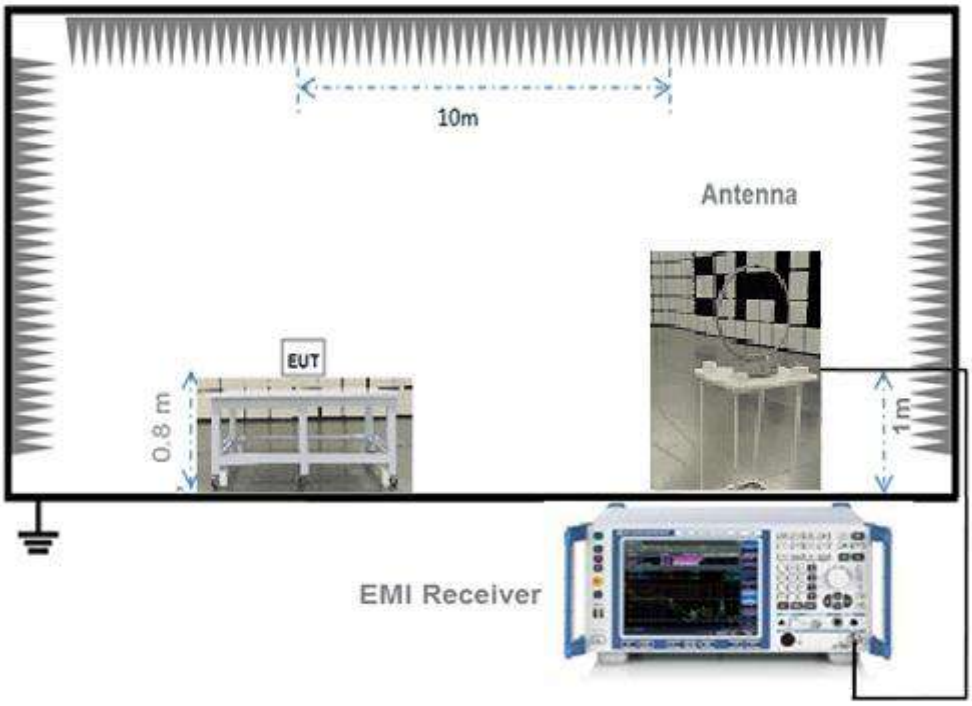
(Diagram 1)

4.5.2 For AC Power Supply Port Test



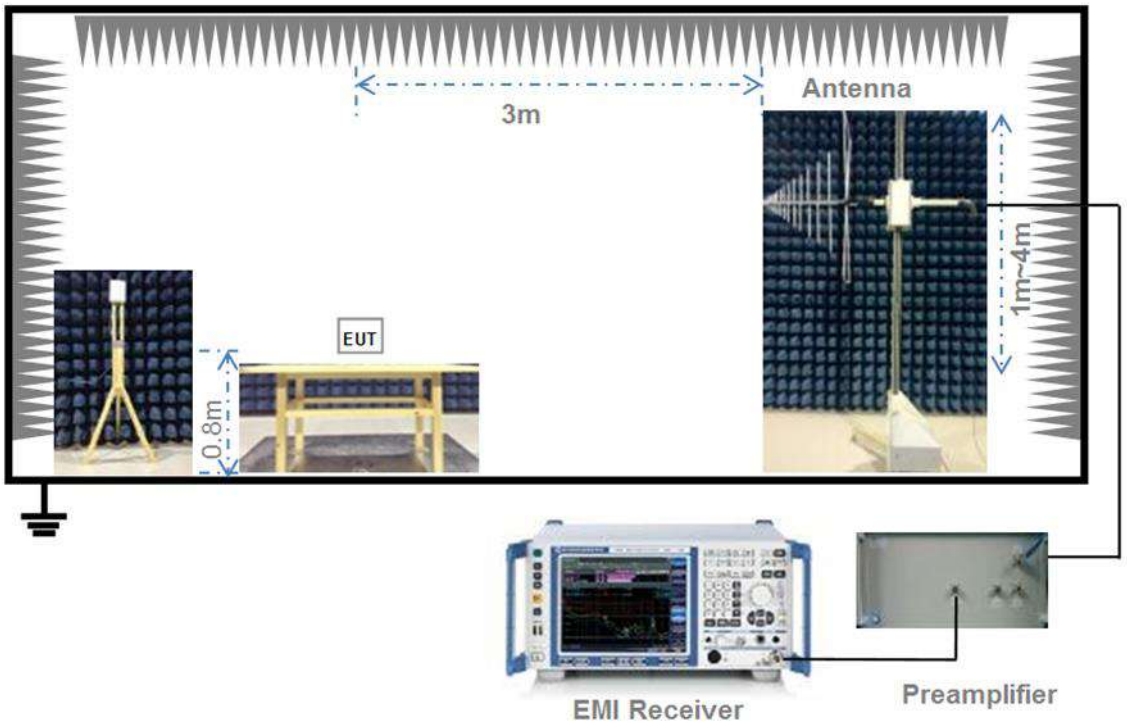
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



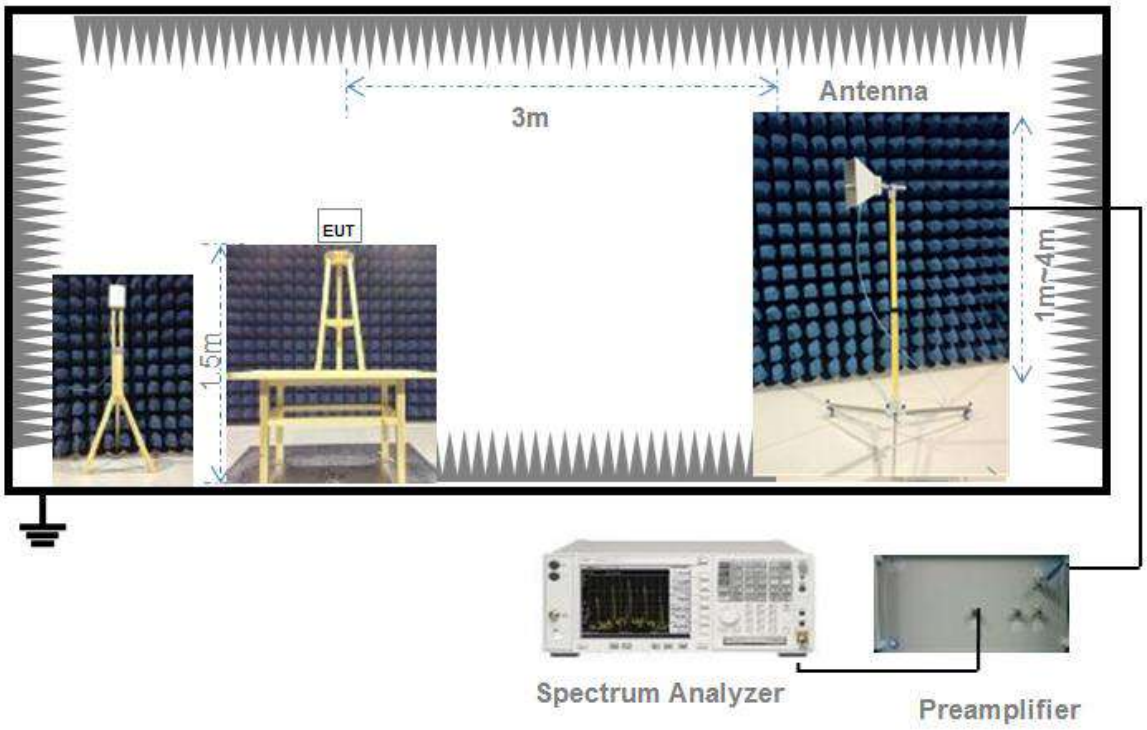
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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.

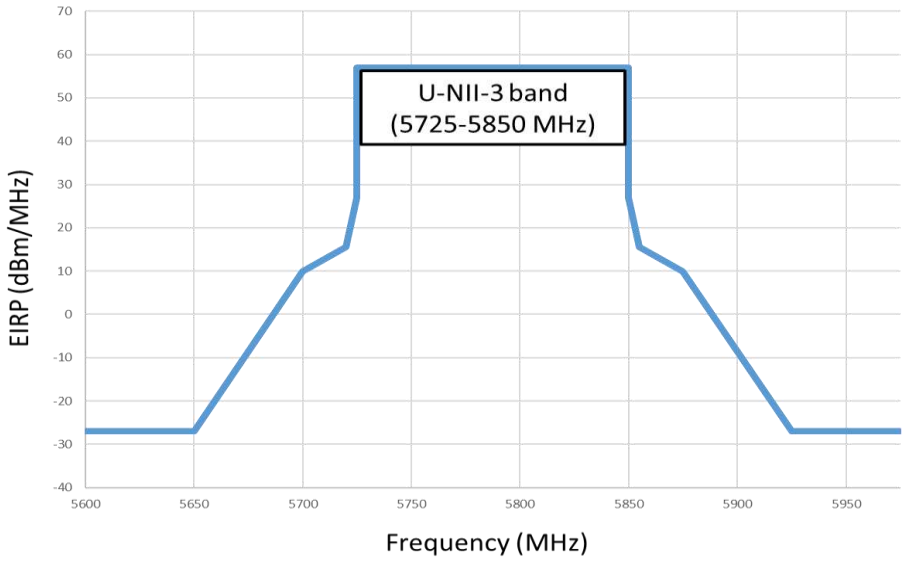
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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

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

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

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note [1]: 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.

Note [2]: The Conducted Power has considered the duty factor.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.44	97.00%
11n (HT20)/11ac (VHT20)	1.30	1.35	96.58%
11n (HT40)/11ac (VHT40)	0.65	0.69	93.52%
11ac (VHT80)	0.32	0.37	87.92%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.66	36.81	250	Pass
11a	CH44	15.59	36.22	250	Pass
11a	CH48	15.66	36.81	250	Pass
11n (HT20)	CH36	14.96	31.33	250	Pass
11n (HT20)	CH44	15.39	34.59	250	Pass
11n (HT20)	CH48	15.55	35.89	250	Pass
11n (HT40)	CH38	15.58	36.14	250	Pass
11n (HT40)	CH46	15.47	35.24	250	Pass
11ac (VHT20)	CH36	15.43	34.91	250	Pass
11ac (VHT20)	CH44	15.38	34.51	250	Pass
11ac (VHT20)	CH48	15.49	35.40	250	Pass
11ac (VHT40)	CH38	15.70	37.15	250	Pass
11ac (VHT40)	CH46	15.46	35.16	250	Pass
11ac (VHT80)	CH42	15.52	35.65	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.72	37.33	250	Pass
11a	CH60	11.72	14.86	250	Pass
11a	CH64	12.70	18.62	250	Pass
11n (HT20)	CH52	14.54	28.44	250	Pass
11n (HT20)	CH60	12.14	16.37	250	Pass
11n (HT20)	CH64	13.23	21.04	250	Pass
11n (HT40)	CH54	15.66	36.81	250	Pass
11n (HT40)	CH62	13.72	23.55	250	Pass
11ac (VHT20)	CH52	15.54	35.81	250	Pass
11ac (VHT20)	CH60	11.15	13.03	250	Pass
11ac (VHT20)	CH64	12.10	16.22	250	Pass
11ac (VHT40)	CH54	15.74	37.50	250	Pass
11ac (VHT40)	CH62	13.71	23.50	250	Pass
11ac (VHT80)	CH58	13.71	23.50	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.53	22.54	250	Pass
11a	CH116	11.66	14.66	250	Pass
11a	CH140	13.60	22.91	250	Pass
11n (HT20)	CH100	13.38	21.78	250	Pass
11n (HT20)	CH116	12.14	16.37	250	Pass
11n (HT20)	CH140	13.48	22.28	250	Pass
11n (HT40)	CH102	14.87	30.69	250	Pass
11n (HT40)	CH118	14.14	25.94	250	Pass
11n (HT40)	CH134	14.59	28.77	250	Pass
11ac (VHT20)	CH100	13.41	21.93	250	Pass
11ac (VHT20)	CH116	12.21	16.63	250	Pass
11ac (VHT20)	CH140	12.97	19.82	250	Pass
11ac (VHT40)	CH102	15.40	34.67	250	Pass
11ac (VHT40)	CH118	13.14	20.61	250	Pass
11ac (VHT40)	CH134	15.11	32.43	250	Pass
11ac (VHT80)	CH106	15.37	34.43	250	Pass
11ac (VHT80)	CH122	15.24	33.42	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.70	23.44	1000	Pass
11a	CH157	11.63	14.55	1000	Pass
11a	CH165	13.03	20.09	1000	Pass
11n (HT20)	CH149	13.10	20.42	1000	Pass
11n (HT20)	CH157	12.00	15.85	1000	Pass
11n (HT20)	CH165	12.89	19.45	1000	Pass
11n (HT40)	CH151	15.29	33.81	1000	Pass
11n (HT40)	CH159	14.67	29.31	1000	Pass
11ac (VHT20)	CH149	13.59	22.86	1000	Pass
11ac (VHT20)	CH157	11.96	15.70	1000	Pass
11ac (VHT20)	CH165	11.87	15.38	1000	Pass
11ac (VHT40)	CH151	15.31	33.96	1000	Pass
11ac (VHT40)	CH159	14.07	25.53	1000	Pass
11ac (VHT80)	CH155	15.56	35.97	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2390677-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.08	16.51
11a	CH44	20.16	16.49
11a	CH48	20.01	16.50
11n (HT20)	CH36	20.40	17.59
11n (HT20)	CH44	20.36	17.61
11n (HT20)	CH48	20.34	17.60
11n (HT40)	CH38	40.63	36.07
11n (HT40)	CH46	41.06	36.06
11ac (VHT20)	CH36	20.33	17.58
11ac (VHT20)	CH44	20.38	17.58
11ac (VHT20)	CH48	20.28	17.58
11ac (VHT40)	CH38	40.51	36.01
11ac (VHT40)	CH46	40.66	36.01
11ac (VHT80)	CH42	81.17	75.26

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.18	16.47
11a	CH60	20.14	16.49
11a	CH64	20.12	16.52
11n (HT20)	CH52	20.38	17.61
11n (HT20)	CH60	20.34	17.59
11n (HT20)	CH64	20.40	17.60
11n (HT40)	CH54	40.73	36.04
11n (HT40)	CH62	40.64	36.07
11ac (VHT20)	CH52	20.37	17.58
11ac (VHT20)	CH60	20.43	17.59
11ac (VHT20)	CH64	20.40	15.58
11ac (VHT40)	CH54	40.62	36.02
11ac (VHT40)	CH62	40.76	36.01
11ac (VHT80)	CH58	81.01	75.35

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.04	16.52
11a	CH116	20.09	16.51
11a	CH140	20.07	16.50
11n (HT20)	CH100	20.38	17.36
11n (HT20)	CH116	20.36	17.60
11n (HT20)	CH140	20.37	17.61
11n (HT40)	CH102	40.86	36.06
11n (HT40)	CH118	40.63	36.10
11n (HT40)	CH134	40.61	36.10
11ac (VHT20)	CH100	20.37	17.57
11ac (VHT20)	CH116	20.39	17.58
11ac (VHT20)	CH140	20.28	17.58
11ac (VHT40)	CH102	40.49	36.02
11ac (VHT40)	CH118	40.48	36.02
11ac (VHT40)	CH134	40.73	36.00
11ac (VHT80)	CH106	81.03	75.27
11ac (VHT80)	CH122	80.97	75.36

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.21	16.51
11a	CH157	20.04	16.51
11a	CH165	20.04	16.50
11n (HT20)	CH149	20.43	17.61
11n (HT20)	CH157	20.30	17.62
11n (HT20)	CH165	20.32	17.61
11n (HT40)	CH151	40.76	36.09
11n (HT40)	CH159	40.68	36.09
11ac (VHT20)	CH149	20.36	17.58
11ac (VHT20)	CH157	20.34	17.58
11ac (VHT20)	CH165	20.37	17.58
11ac (VHT40)	CH151	40.65	35.99
11ac (VHT40)	CH159	40.70	36.06
11ac (VHT80)	CH155	81.48	75.30

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2390677-604 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	15.15	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.25	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.55	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.25	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]: The PSD has considered the duty factor。

Note [2]: Test plots please refer to the document “Annex No.: BL-SZ2390677-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.02	11.00	Pass
11a	CH44	4.86	11.00	Pass
11a	CH48	5.04	11.00	Pass
11n (HT20)	CH36	4.07	11.00	Pass
11n (HT20)	CH44	4.50	11.00	Pass
11n (HT20)	CH48	4.70	11.00	Pass
11n (HT40)	CH38	1.84	11.00	Pass
11n (HT40)	CH46	1.75	11.00	Pass
11ac (VHT20)	CH36	4.67	11.00	Pass
11ac (VHT20)	CH44	4.63	11.00	Pass
11ac (VHT20)	CH48	4.72	11.00	Pass
11ac (VHT40)	CH38	1.82	11.00	Pass
11ac (VHT40)	CH46	1.50	11.00	Pass
11ac (VHT80)	CH42	-1.91	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.88	11.00	Pass
11a	CH60	1.17	11.00	Pass
11a	CH64	2.02	11.00	Pass
11n (HT20)	CH52	3.77	11.00	Pass
11n (HT20)	CH60	1.32	11.00	Pass
11n (HT20)	CH64	2.47	11.00	Pass
11n (HT40)	CH54	1.67	11.00	Pass
11n (HT40)	CH62	-0.22	11.00	Pass
11ac (VHT20)	CH52	4.78	11.00	Pass
11ac (VHT20)	CH60	0.31	11.00	Pass
11ac (VHT20)	CH64	1.34	11.00	Pass
11ac (VHT40)	CH54	1.71	11.00	Pass
11ac (VHT40)	CH62	-0.17	11.00	Pass
11ac (VHT80)	CH58	-3.61	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.92	11.00	Pass
11a	CH116	1.22	11.00	Pass
11a	CH140	2.96	11.00	Pass
11n (HT20)	CH100	2.60	11.00	Pass
11n (HT20)	CH116	1.48	11.00	Pass
11n (HT20)	CH140	2.65	11.00	Pass
11n (HT40)	CH102	1.26	11.00	Pass
11n (HT40)	CH118	0.37	11.00	Pass
11n (HT40)	CH134	0.93	11.00	Pass
11ac (VHT20)	CH100	2.64	11.00	Pass
11ac (VHT20)	CH116	1.53	11.00	Pass
11ac (VHT20)	CH140	2.13	11.00	Pass
11ac (VHT40)	CH102	1.67	11.00	Pass
11ac (VHT40)	CH118	-0.44	11.00	Pass
11ac (VHT40)	CH134	1.36	11.00	Pass
11ac (VHT80)	CH106	-1.76	11.00	Pass
11ac (VHT80)	CH122	-1.95	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.41	30.00	Pass
11a	CH157	-1.72	30.00	Pass
11a	CH165	-0.20	30.00	Pass
11n (HT20)	CH149	-0.47	30.00	Pass
11n (HT20)	CH157	-1.50	30.00	Pass
11n (HT20)	CH165	-0.67	30.00	Pass
11n (HT40)	CH151	-1.25	30.00	Pass
11n (HT40)	CH159	-2.06	30.00	Pass
11ac (VHT20)	CH149	0.07	30.00	Pass
11ac (VHT20)	CH157	-1.60	30.00	Pass
11ac (VHT20)	CH165	-1.81	30.00	Pass
11ac (VHT40)	CH151	-1.25	30.00	Pass
11ac (VHT40)	CH159	-2.51	30.00	Pass
11ac (VHT80)	CH155	-4.69	30.00	Pass

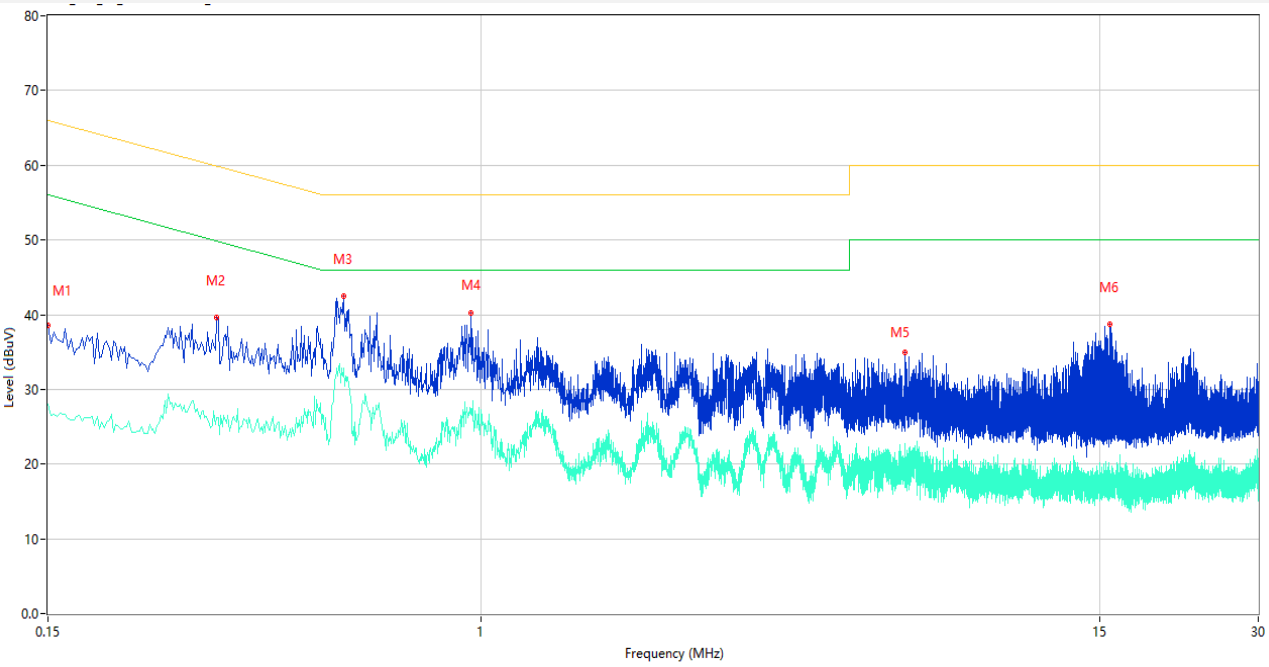
A.5 Conducted Emissions

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

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

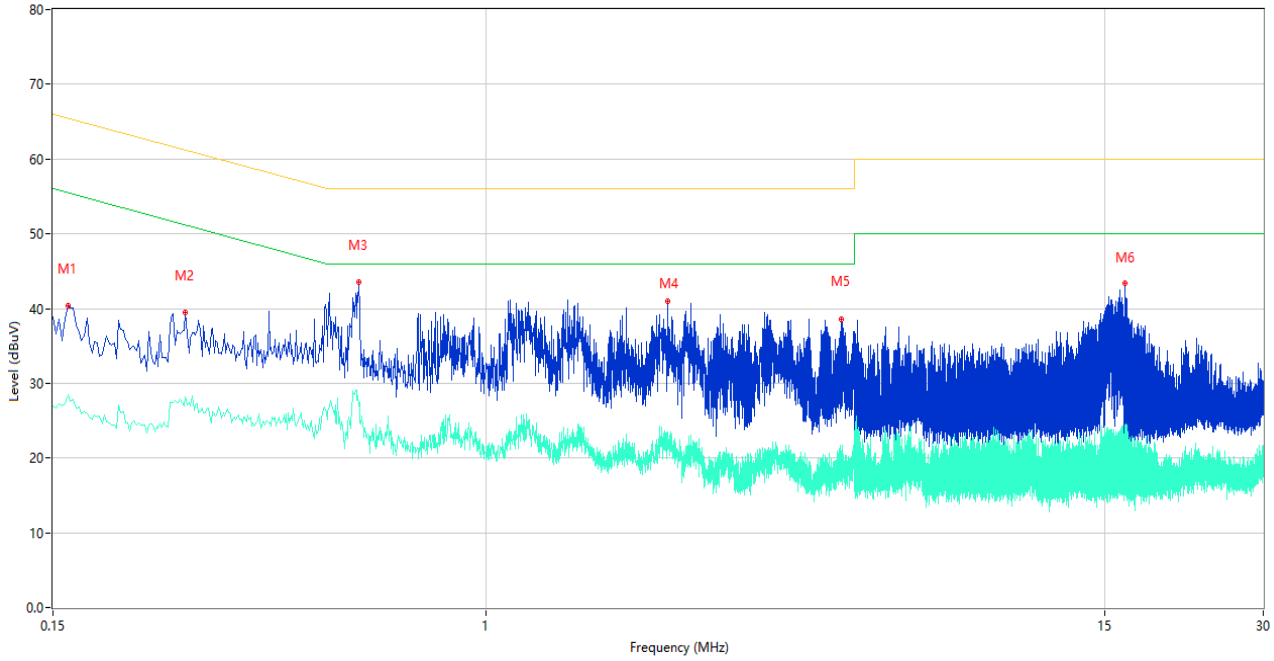
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	38.60	9.84	66.00	27.40	Peak	L	Pass
1**	0.150	27.95	9.84	56.00	28.05	AV	L	Pass
2	0.314	39.61	9.77	59.86	20.25	Peak	L	Pass
2**	0.314	26.28	9.77	49.86	23.58	AV	L	Pass
3	0.548	42.42	10.19	56.00	13.58	Peak	L	Pass
3**	0.548	32.81	10.19	46.00	13.19	AV	L	Pass
4	0.956	40.26	10.63	56.00	15.74	Peak	L	Pass
4**	0.956	26.66	10.63	46.00	19.34	AV	L	Pass
5	6.386	34.96	10.67	60.00	25.04	Peak	L	Pass
5**	6.386	21.77	10.67	50.00	28.23	AV	L	Pass
6	15.648	38.71	10.33	60.00	21.29	Peak	L	Pass
6**	15.648	16.69	10.33	50.00	33.31	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	40.32	9.83	65.46	25.14	Peak	N	Pass
1**	0.160	28.46	9.83	55.46	27.00	AV	N	Pass
2	0.268	39.49	9.79	61.18	21.69	Peak	N	Pass
2**	0.268	28.16	9.79	51.18	23.02	AV	N	Pass
3	0.572	43.58	10.29	56.00	12.42	Peak	N	Pass
3**	0.572	26.91	10.29	46.00	19.09	AV	N	Pass
4	2.210	40.91	10.21	56.00	15.09	Peak	N	Pass
4**	2.210	23.55	10.21	46.00	22.45	AV	N	Pass
5	4.734	38.63	10.26	56.00	17.37	Peak	N	Pass
5**	4.734	19.69	10.26	46.00	26.31	AV	N	Pass
6	16.402	43.41	10.51	60.00	16.59	Peak	N	Pass
6**	16.402	23.37	10.51	50.00	26.63	AV	N	Pass

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

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

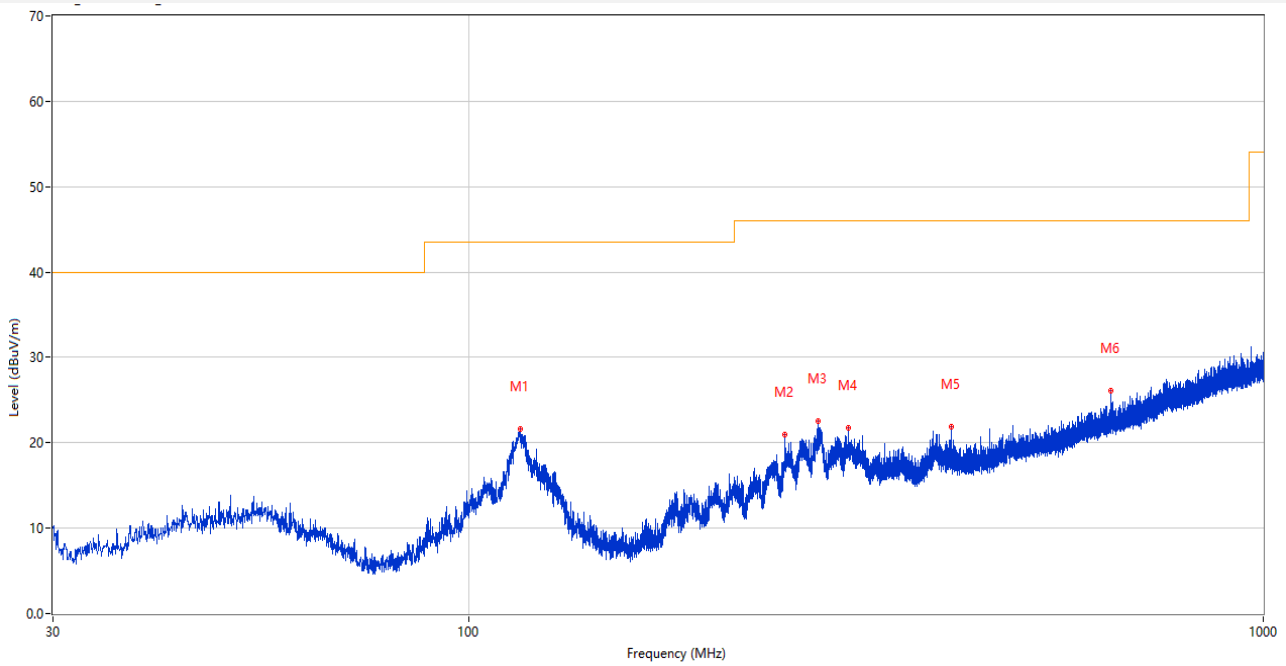
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

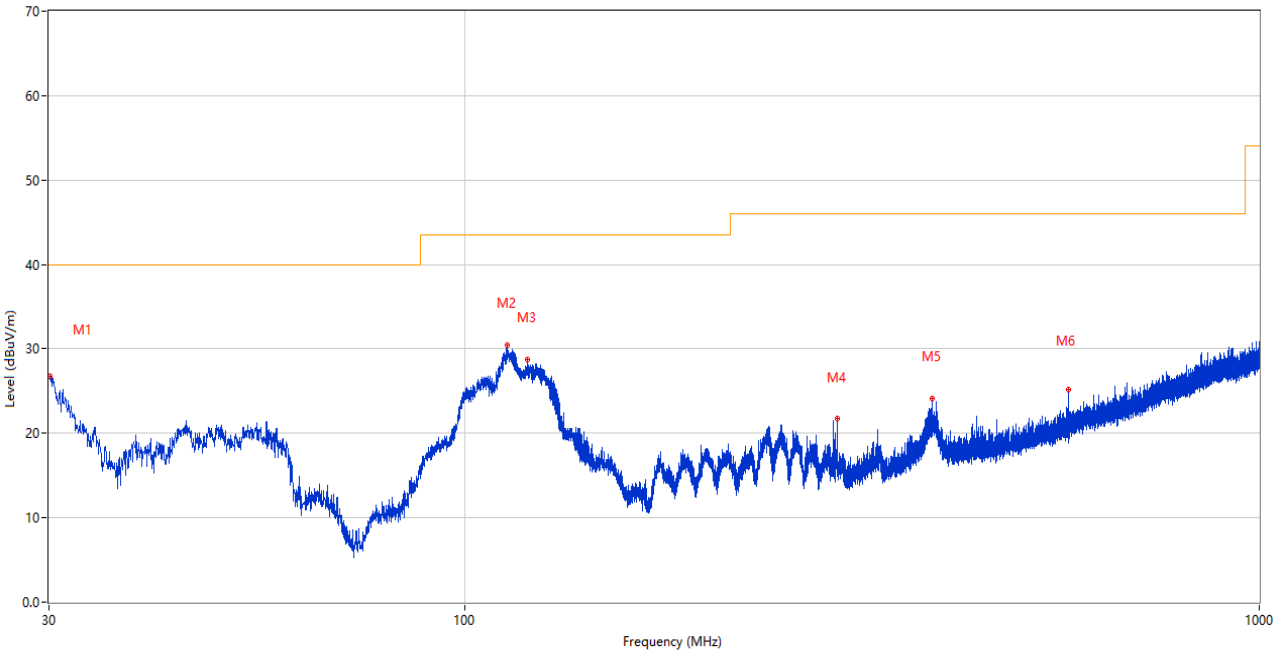
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	116.330	21.67	-27.74	43.5	21.83	Peak	303.00	200	Horizontal	Pass
2	250.335	20.96	-24.87	46.0	25.04	Peak	60.00	200	Horizontal	Pass
3	275.507	22.54	-24.43	46.0	23.46	Peak	212.00	100	Horizontal	Pass
4	300.582	21.74	-23.71	46.0	24.26	Peak	29.00	200	Horizontal	Pass
5	405.099	21.83	-20.71	46.0	24.17	Peak	342.00	100	Horizontal	Pass
6	643.331	26.05	-15.09	46.0	19.95	Peak	335.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.097	26.79	-28.87	40.0	13.21	Peak	23.00	100	Vertical	Pass
2	113.129	30.51	-27.25	43.5	12.99	Peak	105.00	100	Vertical	Pass
3	119.919	28.78	-28.29	43.5	14.72	Peak	150.00	100	Vertical	Pass
4	294.325	21.69	-23.80	46.0	24.31	Peak	2.00	100	Vertical	Pass
5	387.494	24.07	-21.38	46.0	21.93	Peak	114.00	100	Vertical	Pass
6	576.013	25.24	-16.91	46.0	20.76	Peak	42.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2852.900	44.31	-12.21	74.0	29.69	Peak	240.00	400	Horizontal	Pass
1**	2852.900	34.87	-12.21	54.0	19.13	AV	240.00	400	Horizontal	Pass
2	4326.250	48.08	-5.95	74.0	25.92	Peak	252.00	150	Horizontal	Pass
2**	4326.250	38.48	-5.95	54.0	15.52	AV	252.00	150	Horizontal	Pass
3	5178.750	105.97	-4.81	--	--	Peak	62.00	200	Horizontal	N/A
3**	5178.750	98.61	-4.81	--	--	AV	62.00	200	Horizontal	N/A
4	8288.088	50.95	-4.68	74.0	23.05	Peak	339.00	150	Horizontal	Pass
4**	8288.088	48.47	-4.68	54.0	5.53	AV	339.00	150	Horizontal	Pass
5	10354.575	63.98	-2.40	68.2	4.22	Peak	6.00	150	Horizontal	Pass
5**	10354.575	56.11	-2.40	--	--	AV	6.00	150	Horizontal	N/A
6	15540.375	55.38	1.90	74.0	18.62	Peak	60.00	150	Horizontal	Pass
6**	15540.375	51.22	1.90	54.0	2.78	AV	60.00	150	Horizontal	N/A
6***	15540.375	48.637	1.90	54.0	5.363	AV	60.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2840.300	43.64	-12.47	74.0	30.36	Peak	243.00	300	Vertical	Pass
1**	2840.300	33.61	-12.47	54.0	20.39	AV	243.00	300	Vertical	Pass
2	4306.750	47.63	-6.35	74.0	26.37	Peak	223.00	100	Vertical	Pass
2**	4306.750	39.05	-6.35	54.0	14.95	AV	223.00	100	Vertical	Pass
3	5180.750	101.61	-4.68	--	--	Peak	206.00	200	Vertical	N/A
3**	5180.750	94.70	-4.68	--	--	AV	206.00	200	Vertical	N/A
4	8288.325	51.82	-4.68	74.0	22.18	Peak	99.00	150	Vertical	Pass
4**	8288.325	49.76	-4.68	54.0	4.24	AV	99.00	150	Vertical	Pass
5	10354.575	61.56	-2.40	68.2	6.64	Peak	42.00	150	Vertical	Pass
5**	10354.575	50.96	-2.40	--	--	AV	42.00	150	Vertical	N/A
6	15540.901	57.80	1.89	74.0	16.20	Peak	115.00	150	Vertical	Pass
6**	15540.901	52.77	1.89	54.0	1.23	AV	115.00	150	Vertical	N/A
6***	15540.901	48.545	1.89	54.0	5.455	AV	115.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2838.900	44.23	-12.53	74.0	29.77	Peak	240.00	200	Horizontal	Pass
1**	2838.900	34.79	-12.53	54.0	19.21	AV	240.00	200	Horizontal	Pass
2	4121.750	48.00	-7.04	74.0	26.00	Peak	5.00	100	Horizontal	Pass
2**	4121.750	38.59	-7.04	54.0	15.41	AV	5.00	100	Horizontal	Pass
3	5218.750	106.18	-4.79	--	--	Peak	55.00	200	Horizontal	N/A
3**	5218.750	98.67	-4.79	--	--	AV	55.00	200	Horizontal	N/A
4	8352.213	49.23	-4.38	74.0	24.77	Peak	349.00	150	Horizontal	Pass
4**	8352.213	47.06	-4.38	54.0	6.94	AV	349.00	150	Horizontal	Pass
5	10445.537	64.27	-4.34	68.2	3.93	Peak	20.00	150	Horizontal	Pass
5**	10445.537	54.84	-4.34	--	--	AV	20.00	150	Horizontal	N/A
6	15666.900	51.18	1.51	74.0	22.82	Peak	328.00	150	Horizontal	Pass
6**	15666.900	48.97	1.51	54.0	5.03	AV	328.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2886.700	43.49	-12.17	74.0	30.51	Peak	92.00	100	Vertical	Pass
1**	2886.700	34.49	-12.17	54.0	19.51	AV	92.00	100	Vertical	Pass
2	4340.250	48.64	-6.27	74.0	25.36	Peak	213.00	150	Vertical	Pass
2**	4340.250	39.07	-6.27	54.0	14.93	AV	213.00	150	Vertical	Pass
3	5221.250	102.12	-4.79	--	--	Peak	272.00	300	Vertical	N/A
3**	5221.250	94.74	-4.79	--	--	AV	272.00	300	Vertical	N/A
4	8352.213	50.82	-4.38	74.0	23.18	Peak	121.00	150	Vertical	Pass
4**	8352.213	47.68	-4.38	54.0	6.32	AV	121.00	150	Vertical	Pass
5	10446.012	60.06	-4.35	68.2	8.14	Peak	34.00	150	Vertical	Pass
5**	10446.012	50.84	-4.35	--	--	AV	34.00	150	Vertical	N/A
6	15661.650	56.05	1.30	74.0	17.95	Peak	341.00	150	Vertical	Pass
6**	15661.650	48.99	1.30	54.0	5.01	AV	341.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2792.300	43.47	-12.56	74.0	30.53	Peak	93.00	200	Horizontal	Pass
1**	2792.300	34.81	-12.56	54.0	19.19	AV	93.00	200	Horizontal	Pass
2	4353.250	47.65	-6.61	74.0	26.35	Peak	268.00	150	Horizontal	Pass
2**	4353.250	38.70	-6.61	54.0	15.30	AV	268.00	150	Horizontal	Pass
3	5238.750	105.33	-5.18	--	--	Peak	53.00	100	Horizontal	N/A
3**	5238.750	98.56	-5.18	--	--	AV	53.00	100	Horizontal	N/A
4	8384.275	50.08	-4.06	74.0	23.92	Peak	349.00	150	Horizontal	Pass
4**	8384.275	47.02	-4.06	54.0	6.98	AV	349.00	150	Horizontal	Pass
5	10479.025	65.31	-4.24	68.2	2.89	Peak	19.00	150	Horizontal	Pass
5**	10479.025	55.41	-4.24	--	--	AV	19.00	150	Horizontal	N/A
6	15719.400	54.58	2.38	74.0	19.42	Peak	56.00	150	Horizontal	Pass
6**	15719.400	49.60	2.38	54.0	4.40	AV	56.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2855.600	43.97	-12.33	74.0	30.03	Peak	274.00	200	Vertical	Pass
1**	2855.600	34.52	-12.33	54.0	19.48	AV	274.00	200	Vertical	Pass
2	4338.500	47.93	-6.17	74.0	26.07	Peak	188.00	200	Vertical	Pass
2**	4338.500	39.00	-6.17	54.0	15.00	AV	188.00	200	Vertical	Pass
3	5238.750	102.10	-5.18	--	--	Peak	280.00	300	Vertical	N/A
3**	5238.750	94.48	-5.18	--	--	AV	280.00	300	Vertical	N/A
4	8384.037	51.93	-4.06	74.0	22.07	Peak	68.00	150	Vertical	Pass
4**	8384.037	48.60	-4.06	54.0	5.40	AV	68.00	150	Vertical	Pass
5	10483.299	60.87	-4.22	68.2	7.33	Peak	45.00	150	Vertical	Pass
5**	10483.299	52.10	-4.22	--	--	AV	45.00	150	Vertical	N/A
6	15724.650	55.74	2.27	74.0	18.26	Peak	32.00	150	Vertical	Pass
6**	15724.650	49.86	2.27	54.0	4.14	AV	32.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2821.400	43.76	-12.78	74.0	30.24	Peak	266.00	200	Horizontal	Pass
1**	2821.400	34.27	-12.78	54.0	19.73	AV	266.00	200	Horizontal	Pass
2	4350.750	47.84	-6.61	74.0	26.16	Peak	284.00	150	Horizontal	Pass
2**	4350.750	38.26	-6.61	54.0	15.74	AV	284.00	150	Horizontal	Pass
3	5183.250	105.09	-4.62	--	--	Peak	54.00	100	Horizontal	N/A
3**	5183.250	97.40	-4.62	--	--	AV	54.00	100	Horizontal	N/A
4	8288.088	49.82	-4.68	74.0	24.18	Peak	335.00	150	Horizontal	Pass
4**	8288.088	48.11	-4.68	54.0	5.89	AV	335.00	150	Horizontal	Pass
5	10355.049	63.57	-2.41	68.2	4.63	Peak	0.00	150	Horizontal	Pass
5**	10355.049	54.20	-2.41	--	--	AV	0.00	150	Horizontal	N/A
6	15542.213	56.51	1.87	74.0	17.49	Peak	37.00	150	Horizontal	Pass
6**	15542.213	50.37	1.87	54.0	3.63	AV	37.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2784.200	44.01	-12.92	74.0	29.99	Peak	64.00	200	Vertical	Pass
1**	2784.200	33.89	-12.92	54.0	20.11	AV	64.00	200	Vertical	Pass
2	4343.750	48.19	-6.27	74.0	25.81	Peak	360.00	200	Vertical	Pass
2**	4343.750	38.82	-6.27	54.0	15.18	AV	360.00	200	Vertical	Pass
3	5181.750	100.00	-4.65	--	--	Peak	282.00	300	Vertical	N/A
3**	5181.750	93.05	-4.65	--	--	AV	282.00	300	Vertical	N/A
4	8288.088	51.27	-4.68	74.0	22.73	Peak	100.00	150	Vertical	Pass
4**	8288.088	49.37	-4.68	54.0	4.63	AV	100.00	150	Vertical	Pass
5	10353.863	60.26	-2.37	68.2	7.94	Peak	34.00	150	Vertical	Pass
5**	10353.863	50.00	-2.37	--	--	AV	34.00	150	Vertical	N/A
6	15541.687	56.27	1.88	74.0	17.73	Peak	145.00	150	Vertical	Pass
6**	15541.687	51.46	1.88	54.0	2.54	AV	145.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.100	37.14	-19.71	74.0	36.86	Peak	100.00	300	Horizontal	Pass
1**	1531.100	27.61	-19.71	54.0	26.39	AV	100.00	300	Horizontal	Pass
2	2807.600	43.47	-13.12	74.0	30.53	Peak	165.00	150	Horizontal	Pass
2**	2807.600	33.67	-13.12	54.0	20.33	AV	165.00	150	Horizontal	Pass
3	5222.250	105.93	-4.76	--	--	Peak	54.00	200	Horizontal	N/A
3**	5222.250	98.30	-4.76	--	--	AV	54.00	200	Horizontal	N/A
4	8352.213	49.21	-4.38	74.0	24.79	Peak	34.00	150	Horizontal	Pass
4**	8352.213	46.60	-4.38	54.0	7.40	AV	34.00	100	Horizontal	Pass
5	10441.500	63.78	-4.31	68.2	4.42	Peak	360.00	100	Horizontal	Pass
5**	10441.500	55.94	-4.31	--	--	AV	360.00	100	Horizontal	N/A
6	15659.813	53.06	1.23	74.0	20.94	Peak	40.00	100	Horizontal	Pass
6**	15659.813	49.39	1.23	54.0	4.61	AV	40.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.100	37.23	-19.95	74.0	36.77	Peak	320.00	150	Vertical	Pass
1**	1605.100	27.93	-19.95	54.0	26.07	AV	320.00	150	Vertical	Pass
2	2792.900	43.74	-12.55	74.0	30.26	Peak	205.00	100	Vertical	Pass
2**	2792.900	34.43	-12.55	54.0	19.57	AV	205.00	100	Vertical	Pass
3	5218.000	101.02	-4.76	--	--	Peak	336.00	300	Vertical	N/A
3**	5218.000	93.25	-4.76	--	--	AV	336.00	300	Vertical	N/A
4	8352.213	50.85	-4.38	74.0	23.15	Peak	132.00	100	Vertical	Pass
4**	8352.213	47.84	-4.38	54.0	6.16	AV	132.00	100	Vertical	Pass
5	10445.776	61.56	-4.34	68.2	6.64	Peak	48.00	150	Vertical	Pass
5**	10445.776	52.39	-4.34	--	--	AV	48.00	150	Vertical	N/A
6	15663.225	52.94	1.37	74.0	21.06	Peak	113.00	300	Vertical	Pass
6**	15663.225	48.19	1.37	54.0	5.81	AV	113.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.100	37.66	-19.57	74.0	36.34	Peak	22.00	200	Horizontal	Pass
1**	1488.100	27.27	-19.57	54.0	26.73	AV	22.00	200	Horizontal	Pass
2	2772.900	43.64	-12.92	74.0	30.36	Peak	314.00	150	Horizontal	Pass
2**	2772.900	33.97	-12.92	54.0	20.03	AV	314.00	150	Horizontal	Pass
3	5237.500	104.96	-5.17	--	--	Peak	51.00	100	Horizontal	N/A
3**	5237.500	97.10	-5.17	--	--	AV	51.00	100	Horizontal	N/A
4	8384.275	49.57	-4.06	74.0	24.43	Peak	323.00	150	Horizontal	Pass
4**	8384.275	46.83	-4.06	54.0	7.17	AV	323.00	150	Horizontal	Pass
5	10479.025	65.26	-4.24	68.2	2.94	Peak	9.00	100	Horizontal	Pass
5**	10479.025	56.38	-4.24	--	--	AV	9.00	100	Horizontal	N/A
6	15724.912	53.67	2.26	74.0	20.33	Peak	34.00	200	Horizontal	Pass
6**	15724.912	48.82	2.26	54.0	5.18	AV	34.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1405.000	37.55	-19.71	74.0	36.45	Peak	106.00	150	Vertical	Pass
1**	1405.000	27.62	-19.71	54.0	26.38	AV	106.00	150	Vertical	Pass
2	2842.300	43.28	-12.43	74.0	30.72	Peak	209.00	200	Vertical	Pass
2**	2842.300	34.72	-12.43	54.0	19.28	AV	209.00	200	Vertical	Pass
3	5241.250	101.28	-5.19	--	--	Peak	339.00	150	Vertical	N/A
3**	5241.250	94.18	-5.19	--	--	AV	339.00	150	Vertical	N/A
4	8384.037	51.48	-4.06	74.0	22.52	Peak	41.00	100	Vertical	Pass
4**	8384.037	49.10	-4.06	54.0	4.90	AV	41.00	100	Vertical	Pass
5	10478.550	60.83	-4.24	68.2	7.37	Peak	53.00	200	Vertical	Pass
5**	10478.550	52.53	-4.24	--	--	AV	53.00	200	Vertical	N/A
6	15722.287	54.22	2.32	74.0	19.78	Peak	27.00	100	Vertical	Pass
6**	15722.287	49.07	2.32	54.0	4.93	AV	27.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1360.900	37.21	-19.61	74.0	36.79	Peak	60.00	100	Horizontal	Pass
1**	1360.900	27.53	-19.61	54.0	26.47	AV	60.00	100	Horizontal	Pass
2	2734.400	43.93	-11.79	74.0	30.07	Peak	354.00	150	Horizontal	Pass
2**	2734.400	33.94	-11.79	54.0	20.06	AV	354.00	150	Horizontal	Pass
3	5192.000	103.37	-4.39	--	--	Peak	50.00	300	Horizontal	N/A
3**	5192.000	95.41	-4.39	--	--	AV	50.00	300	Horizontal	N/A
4	8304.237	48.95	-4.77	74.0	25.05	Peak	33.00	150	Horizontal	Pass
4**	8304.237	47.00	-4.77	54.0	7.00	AV	33.00	150	Horizontal	Pass
5	10382.599	61.39	-3.35	68.2	6.81	Peak	20.00	100	Horizontal	Pass
5**	10382.599	53.39	-3.35	--	--	AV	20.00	100	Horizontal	N/A
6	15574.762	52.64	0.62	74.0	21.36	Peak	45.00	300	Horizontal	Pass
6**	15574.762	48.81	0.62	54.0	5.19	AV	45.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.800	37.96	-19.77	74.0	36.04	Peak	291.00	150	Vertical	Pass
1**	1439.800	28.01	-19.77	54.0	25.99	AV	291.00	150	Vertical	Pass
2	2765.600	43.69	-12.74	74.0	30.31	Peak	93.00	100	Vertical	Pass
2**	2765.600	34.33	-12.74	54.0	19.67	AV	93.00	100	Vertical	Pass
3	5192.750	98.64	-4.38	--	--	Peak	339.00	100	Vertical	N/A
3**	5192.750	91.41	-4.38	--	--	AV	339.00	100	Vertical	N/A
4	8304.237	50.89	-4.77	74.0	23.11	Peak	219.00	150	Vertical	Pass
4**	8304.237	48.37	-4.77	54.0	5.63	AV	219.00	150	Vertical	Pass
5	10384.263	57.45	-3.40	68.2	10.75	Peak	46.00	300	Vertical	Pass
5**	10384.263	48.75	-3.40	--	--	AV	46.00	300	Vertical	N/A
6	15552.187	52.95	1.62	74.0	21.05	Peak	83.00	100	Vertical	Pass
6**	15552.187	49.07	1.62	54.0	4.93	AV	83.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	37.31	-19.53	74.0	36.69	Peak	290.00	100	Horizontal	Pass
1**	1497.600	27.49	-19.53	54.0	26.51	AV	290.00	100	Horizontal	Pass
2	2887.900	44.01	-12.12	74.0	29.99	Peak	107.00	150	Horizontal	Pass
2**	2887.900	34.21	-12.12	54.0	19.79	AV	107.00	150	Horizontal	Pass
3	5233.000	103.24	-5.14	--	--	Peak	59.00	100	Horizontal	N/A
3**	5233.000	95.91	-5.14	--	--	AV	59.00	100	Horizontal	N/A
4	8368.362	49.81	-3.94	74.0	24.19	Peak	340.00	150	Horizontal	Pass
4**	8368.362	47.36	-3.94	54.0	6.64	AV	340.00	150	Horizontal	Pass
5	10460.738	61.92	-4.33	68.2	6.28	Peak	9.00	300	Horizontal	Pass
5**	10460.738	52.74	-4.33	--	--	AV	9.00	300	Horizontal	N/A
6	15699.450	53.94	2.80	74.0	20.06	Peak	42.00	100	Horizontal	Pass
6**	15699.450	48.15	2.80	54.0	5.85	AV	42.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.800	37.71	-19.67	74.0	36.29	Peak	360.00	150	Vertical	Pass
1**	1514.800	27.53	-19.67	54.0	26.47	AV	360.00	150	Vertical	Pass
2	2755.600	43.78	-12.97	74.0	30.22	Peak	100.00	300	Vertical	Pass
2**	2755.600	33.76	-12.97	54.0	20.24	AV	100.00	300	Vertical	Pass
3	5232.500	98.74	-5.15	--	--	Peak	273.00	100	Vertical	N/A
3**	5232.500	91.11	-5.15	--	--	AV	273.00	100	Vertical	N/A
4	8368.125	51.13	-3.95	74.0	22.87	Peak	65.00	300	Vertical	Pass
4**	8368.125	49.18	-3.95	54.0	4.82	AV	65.00	300	Vertical	Pass
5	10459.312	58.49	-4.34	68.2	9.71	Peak	54.00	100	Vertical	Pass
5**	10459.312	48.52	-4.34	--	--	AV	54.00	100	Vertical	N/A
6	15688.688	55.52	2.37	74.0	18.48	Peak	350.00	150	Vertical	Pass
6**	15688.688	48.44	2.37	54.0	5.56	AV	350.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.500	37.03	-19.78	74.0	36.97	Peak	249.00	150	Horizontal	Pass
1**	1547.500	27.20	-19.78	54.0	26.80	AV	249.00	150	Horizontal	Pass
2	3860.250	46.34	-7.78	74.0	27.66	Peak	307.00	200	Horizontal	Pass
2**	3860.250	37.59	-7.78	54.0	16.41	AV	307.00	200	Horizontal	Pass
3	5178.000	105.78	-4.85	--	--	Peak	52.00	150	Horizontal	N/A
3**	5178.000	97.09	-4.85	--	--	AV	52.00	150	Horizontal	N/A
4	8288.088	50.24	-4.68	74.0	23.76	Peak	349.00	150	Horizontal	Pass
4**	8288.088	48.05	-4.68	54.0	5.95	AV	349.00	150	Horizontal	Pass
5	10357.425	64.41	-2.49	68.2	3.79	Peak	19.00	100	Horizontal	Pass
5**	10357.425	55.30	-2.49	--	--	AV	19.00	100	Horizontal	N/A
6	15540.112	57.75	1.91	74.0	16.25	Peak	47.00	150	Horizontal	Pass
6**	15540.112	51.70	1.91	54.0	2.30	AV	47.00	150	Horizontal	N/A
6***	15540.112	49.059	1.91	54.0	4.941	AV	47.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.800	37.65	-19.54	74.0	36.35	Peak	273.00	200	Vertical	Pass
1**	1502.800	28.25	-19.54	54.0	25.75	AV	273.00	200	Vertical	Pass
2	2852.300	43.73	-12.17	74.0	30.27	Peak	7.00	150	Vertical	Pass
2**	2852.300	34.55	-12.17	54.0	19.45	AV	7.00	150	Vertical	Pass
3	5178.000	100.99	-4.85	--	--	Peak	208.00	100	Vertical	N/A
3**	5178.000	93.78	-4.85	--	--	AV	208.00	100	Vertical	N/A
4	8288.325	50.19	-4.68	74.0	23.81	Peak	116.00	200	Vertical	Pass
4**	8288.325	48.79	-4.68	54.0	5.21	AV	116.00	200	Vertical	Pass
5	10365.263	61.80	-2.76	68.2	6.40	Peak	45.00	150	Vertical	Pass
5**	10365.263	52.13	-2.76	--	--	AV	45.00	150	Vertical	N/A
6	15541.950	57.23	1.87	74.0	16.77	Peak	138.00	150	Vertical	Pass
6**	15541.950	53.39	1.87	54.0	0.61	AV	138.00	150	Vertical	N/A
6***	15541.950	46.688	1.87	54.0	7.312	AV	138.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.300	37.13	-19.70	74.0	36.87	Peak	353.00	300	Horizontal	Pass
1**	1530.300	27.89	-19.70	54.0	26.11	AV	353.00	300	Horizontal	Pass
2	3919.750	47.01	-8.19	74.0	26.99	Peak	121.00	150	Horizontal	Pass
2**	3919.750	36.30	-8.19	54.0	17.70	AV	121.00	150	Horizontal	Pass
3	5221.000	105.94	-4.79	--	--	Peak	55.00	200	Horizontal	N/A
3**	5221.000	98.95	-4.79	--	--	AV	55.00	200	Horizontal	N/A
4	8352.450	48.15	-4.37	74.0	25.85	Peak	0.00	300	Horizontal	Pass
4**	8352.450	47.36	-4.37	54.0	6.64	AV	0.00	300	Horizontal	Pass
5	10443.162	63.63	-4.32	68.2	4.57	Peak	360.00	150	Horizontal	Pass
5**	10443.162	54.85	-4.32	--	--	AV	360.00	150	Horizontal	N/A
6	15654.038	53.18	1.00	74.0	20.82	Peak	39.00	200	Horizontal	Pass
6**	15654.038	48.65	1.00	54.0	5.35	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.800	37.53	-19.58	74.0	36.47	Peak	44.00	150	Vertical	Pass
1**	1385.800	27.31	-19.58	54.0	26.69	AV	44.00	150	Vertical	Pass
2	4141.500	47.22	-7.33	74.0	26.78	Peak	26.00	300	Vertical	Pass
2**	4141.500	37.16	-7.33	54.0	16.84	AV	26.00	300	Vertical	Pass
3	5218.000	100.82	-4.76	--	--	Peak	249.00	200	Vertical	N/A
3**	5218.000	93.78	-4.76	--	--	AV	249.00	200	Vertical	N/A
4	8352.213	50.79	-4.38	74.0	23.21	Peak	123.00	150	Vertical	Pass
4**	8352.213	47.97	-4.38	54.0	6.03	AV	123.00	150	Vertical	Pass
5	10442.450	59.35	-4.31	68.2	8.85	Peak	55.00	300	Vertical	Pass
5**	10442.450	50.81	-4.31	--	--	AV	55.00	300	Vertical	N/A
6	15658.762	55.00	1.19	74.0	19.00	Peak	46.00	200	Vertical	Pass
6**	15658.762	49.66	1.19	54.0	4.34	AV	46.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.200	36.51	-19.81	74.0	37.49	Peak	235.00	200	Horizontal	Pass
1**	1537.200	27.68	-19.81	54.0	26.32	AV	235.00	200	Horizontal	Pass
2	4363.500	48.57	-6.70	74.0	25.43	Peak	161.00	150	Horizontal	Pass
2**	4363.500	39.12	-6.70	54.0	14.88	AV	161.00	150	Horizontal	Pass
3	5238.000	104.86	-5.20	--	--	Peak	54.00	150	Horizontal	N/A
3**	5238.000	97.92	-5.20	--	--	AV	54.00	150	Horizontal	N/A
4	8384.037	49.77	-4.06	74.0	24.23	Peak	346.00	200	Horizontal	Pass
4**	8384.037	47.25	-4.06	54.0	6.75	AV	346.00	200	Horizontal	Pass
5	10474.988	64.21	-4.26	68.2	3.99	Peak	360.00	100	Horizontal	Pass
5**	10474.988	54.38	-4.26	--	--	AV	360.00	100	Horizontal	N/A
6	15721.500	55.20	2.34	74.0	18.80	Peak	325.00	300	Horizontal	Pass
6**	15721.500	49.07	2.34	54.0	4.93	AV	325.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.900	36.99	-19.61	74.0	37.01	Peak	0.00	100	Vertical	Pass
1**	1482.900	27.33	-19.61	54.0	26.67	AV	0.00	100	Vertical	Pass
2	4222.750	46.82	-7.59	74.0	27.18	Peak	156.00	200	Vertical	Pass
2**	4222.750	36.92	-7.59	54.0	17.08	AV	156.00	200	Vertical	Pass
3	5238.500	101.38	-5.19	--	--	Peak	290.00	150	Vertical	N/A
3**	5238.500	93.84	-5.19	--	--	AV	290.00	150	Vertical	N/A
4	8384.275	50.92	-4.06	74.0	23.08	Peak	155.00	300	Vertical	Pass
4**	8384.275	48.84	-4.06	54.0	5.16	AV	155.00	300	Vertical	Pass
5	10481.401	60.73	-4.23	68.2	7.47	Peak	53.00	150	Vertical	Pass
5**	10481.401	52.20	-4.23	--	--	AV	53.00	150	Vertical	N/A
6	15721.238	55.33	2.34	74.0	18.67	Peak	43.00	200	Vertical	Pass
6**	15721.238	48.99	2.34	54.0	5.01	AV	43.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.800	38.21	-19.81	74.0	35.79	Peak	8.00	150	Horizontal	Pass
1**	1553.800	27.56	-19.81	54.0	26.44	AV	8.00	150	Horizontal	Pass
2	4085.000	46.57	-7.26	74.0	27.43	Peak	182.00	200	Horizontal	Pass
2**	4085.000	37.52	-7.26	54.0	16.48	AV	182.00	200	Horizontal	Pass
3	5188.000	103.74	-4.41	--	--	Peak	43.00	200	Horizontal	N/A
3**	5188.000	95.81	-4.41	--	--	AV	43.00	200	Horizontal	N/A
4	8304.237	49.15	-4.77	74.0	24.85	Peak	346.00	100	Horizontal	Pass
4**	8304.237	47.99	-4.77	54.0	6.01	AV	346.00	100	Horizontal	Pass
5	10386.162	60.60	-3.47	68.2	7.60	Peak	20.00	300	Horizontal	Pass
5**	10386.162	51.62	-3.47	--	--	AV	20.00	300	Horizontal	N/A
6	15573.975	53.74	0.66	74.0	20.26	Peak	57.00	300	Horizontal	Pass
6**	15573.975	48.80	0.66	54.0	5.20	AV	57.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.700	36.76	-19.58	74.0	37.24	Peak	150.00	300	Vertical	Pass
1**	1487.700	27.79	-19.58	54.0	26.21	AV	150.00	300	Vertical	Pass
2	3914.500	46.22	-8.37	74.0	27.78	Peak	0.00	200	Vertical	Pass
2**	3914.500	37.05	-8.37	54.0	16.95	AV	0.00	200	Vertical	Pass
3	5192.000	98.95	-4.39	--	--	Peak	249.00	150	Vertical	N/A
3**	5192.000	91.39	-4.39	--	--	AV	249.00	150	Vertical	N/A
4	8304.000	51.05	-4.76	74.0	22.95	Peak	97.00	300	Vertical	Pass
4**	8304.000	48.65	-4.76	54.0	5.35	AV	97.00	300	Vertical	Pass
5	10381.175	58.28	-3.30	68.2	9.92	Peak	46.00	100	Vertical	Pass
5**	10381.175	51.54	-3.30	--	--	AV	46.00	100	Vertical	N/A
6	15579.487	54.26	0.41	74.0	19.74	Peak	73.00	150	Vertical	Pass
6**	15579.487	49.29	0.41	54.0	4.71	AV	73.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.400	37.09	-19.56	74.0	36.91	Peak	148.00	200	Horizontal	Pass
1**	1517.400	27.64	-19.56	54.0	26.36	AV	148.00	200	Horizontal	Pass
2	3728.500	46.58	-7.96	74.0	27.42	Peak	59.00	150	Horizontal	Pass
2**	3728.500	37.43	-7.96	54.0	16.57	AV	59.00	150	Horizontal	Pass
3	5232.250	102.79	-5.15	--	--	Peak	51.00	150	Horizontal	N/A
3**	5232.250	96.14	-5.15	--	--	AV	51.00	150	Horizontal	N/A
4	8368.362	49.53	-3.94	74.0	24.47	Peak	344.00	300	Horizontal	Pass
4**	8368.362	47.13	-3.94	54.0	6.87	AV	344.00	300	Horizontal	Pass
5	10458.599	62.47	-4.34	68.2	5.73	Peak	9.00	300	Horizontal	Pass
5**	10458.599	53.59	-4.34	--	--	AV	9.00	300	Horizontal	N/A
6	15696.562	53.96	2.69	74.0	20.04	Peak	325.00	100	Horizontal	Pass
6**	15696.562	47.92	2.69	54.0	6.08	AV	325.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1395.000	36.69	-19.60	74.0	37.31	Peak	186.00	300	Vertical	Pass
1**	1395.000	27.70	-19.60	54.0	26.30	AV	186.00	300	Vertical	Pass
2	4085.500	46.88	-7.24	74.0	27.12	Peak	0.00	150	Vertical	Pass
2**	4085.500	37.95	-7.24	54.0	16.05	AV	0.00	150	Vertical	Pass
3	5232.500	98.63	-5.15	--	--	Peak	210.00	200	Vertical	N/A
3**	5232.500	91.33	-5.15	--	--	AV	210.00	200	Vertical	N/A
4	8368.125	51.84	-3.95	74.0	22.16	Peak	70.00	100	Vertical	Pass
4**	8368.125	48.62	-3.95	54.0	5.38	AV	70.00	100	Vertical	Pass
5	10459.312	57.80	-4.34	68.2	10.40	Peak	45.00	150	Vertical	Pass
5**	10459.312	48.60	-4.34	--	--	AV	45.00	150	Vertical	N/A
6	15697.350	54.51	2.72	74.0	19.49	Peak	337.00	300	Vertical	Pass
6**	15697.350	48.02	2.72	54.0	5.98	AV	337.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.700	36.77	-19.80	74.0	37.23	Peak	50.00	300	Horizontal	Pass
1**	1552.700	28.40	-19.80	54.0	25.60	AV	50.00	300	Horizontal	Pass
2	2797.900	44.15	-12.72	74.0	29.85	Peak	231.00	100	Horizontal	Pass
2**	2797.900	33.69	-12.72	54.0	20.31	AV	231.00	100	Horizontal	Pass
3	4334.500	47.18	-6.13	74.0	26.82	Peak	244.00	150	Horizontal	Pass
3**	4334.500	38.59	-6.13	54.0	15.41	AV	244.00	150	Horizontal	Pass
4	5216.250	100.72	-4.70	--	--	Peak	48.00	400	Horizontal	N/A
4**	5216.250	92.25	-4.70	--	--	AV	48.00	400	Horizontal	N/A
5	8336.300	50.29	-4.31	74.0	23.71	Peak	19.00	150	Horizontal	Pass
5**	8336.300	48.21	-4.31	54.0	5.79	AV	19.00	150	Horizontal	Pass
6	10446.963	59.65	-4.35	68.2	8.55	Peak	19.00	300	Horizontal	Pass
6**	10446.963	48.30	-4.35	--	--	AV	19.00	300	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.500	36.95	-19.46	74.0	37.05	Peak	321.00	300	Vertical	Pass
1**	1491.500	27.78	-19.46	54.0	26.22	AV	321.00	300	Vertical	Pass
2	2786.000	43.48	-12.79	74.0	30.52	Peak	0.00	200	Vertical	Pass
2**	2786.000	33.76	-12.79	54.0	20.24	AV	0.00	200	Vertical	Pass
3	4339.750	47.66	-6.25	74.0	26.34	Peak	201.00	200	Vertical	Pass
3**	4339.750	38.85	-6.25	54.0	15.15	AV	201.00	200	Vertical	Pass
4	5216.250	95.69	-4.70	--	--	Peak	259.00	300	Vertical	N/A
4**	5216.250	88.21	-4.70	--	--	AV	259.00	300	Vertical	N/A
5	8336.062	51.77	-4.29	74.0	22.23	Peak	75.00	150	Vertical	Pass
5**	8336.062	49.47	-4.29	54.0	4.53	AV	75.00	150	Vertical	Pass
6	10446.963	55.46	-4.35	68.2	12.74	Peak	29.00	300	Vertical	Pass
6**	10446.963	47.08	-4.35	--	--	AV	29.00	300	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.300	37.22	-19.69	74.0	36.78	Peak	238.00	300	Horizontal	Pass
1**	1533.300	27.45	-19.69	54.0	26.55	AV	238.00	300	Horizontal	Pass
2	4208.250	46.57	-7.61	74.0	27.43	Peak	108.00	150	Horizontal	Pass
2**	4208.250	39.20	-7.61	54.0	14.80	AV	108.00	150	Horizontal	Pass
3	5261.750	105.11	-5.21	--	--	Peak	50.00	200	Horizontal	N/A
3**	5261.750	97.69	-5.21	--	--	AV	50.00	200	Horizontal	N/A
4	8416.100	50.93	-4.19	74.0	23.07	Peak	349.00	200	Horizontal	Pass
4**	8416.100	48.24	-4.19	54.0	5.76	AV	349.00	200	Horizontal	Pass
5	10518.213	64.59	-3.90	68.2	3.61	Peak	9.00	300	Horizontal	Pass
5**	10518.213	55.31	-3.90	--	--	AV	9.00	300	Horizontal	N/A
6	15775.838	51.73	0.71	74.0	22.27	Peak	49.00	150	Horizontal	Pass
6**	15775.838	47.61	0.71	54.0	6.39	AV	49.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.400	37.33	-19.60	74.0	36.67	Peak	33.00	150	Vertical	Pass
1**	1526.400	27.43	-19.60	54.0	26.57	AV	33.00	150	Vertical	Pass
2	4053.250	47.72	-7.56	74.0	26.28	Peak	264.00	300	Vertical	Pass
2**	4053.250	36.89	-7.56	54.0	17.11	AV	264.00	300	Vertical	Pass
3	5262.000	101.93	-5.21	--	--	Peak	338.00	150	Vertical	N/A
3**	5262.000	94.46	-5.21	--	--	AV	338.00	150	Vertical	N/A
4	8416.100	51.72	-4.19	74.0	22.28	Peak	65.00	400	Vertical	Pass
4**	8416.100	49.45	-4.19	54.0	4.55	AV	65.00	400	Vertical	Pass
5	10523.675	60.84	-3.83	68.2	7.36	Peak	53.00	200	Vertical	Pass
5**	10523.675	51.60	-3.83	--	--	AV	53.00	200	Vertical	N/A
6	15783.187	52.24	0.43	74.0	21.76	Peak	45.00	300	Vertical	Pass
6**	15783.187	48.27	0.43	54.0	5.73	AV	45.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.400	36.88	-19.46	74.0	37.12	Peak	360.00	400	Horizontal	Pass
1**	1491.400	27.84	-19.46	54.0	26.16	AV	360.00	400	Horizontal	Pass
2	2706.100	43.42	-12.82	74.0	30.58	Peak	314.00	200	Horizontal	Pass
2**	2706.100	33.74	-12.82	54.0	20.26	AV	314.00	200	Horizontal	Pass
3	4117.250	48.01	-7.11	74.0	25.99	Peak	224.00	200	Horizontal	Pass
3**	4117.250	37.79	-7.11	54.0	16.21	AV	224.00	200	Horizontal	Pass
4	5298.750	101.08	-5.58	--	--	Peak	290.00	400	Horizontal	N/A
4**	5298.750	94.49	-5.58	--	--	AV	290.00	400	Horizontal	N/A
5	8480.225	50.25	-4.20	74.0	23.75	Peak	340.00	150	Horizontal	Pass
5**	8480.225	47.51	-4.20	54.0	6.49	AV	340.00	150	Horizontal	Pass
6	10600.625	61.85	-2.46	74.0	12.15	Peak	12.00	150	Horizontal	Pass
6**	10600.625	53.32	-2.46	54.0	0.68	AV	12.00	200	Horizontal	N/A
6***	10600.625	50.838	-2.46	54.0	3.162	AV	12.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.600	36.95	-19.51	74.0	37.05	Peak	299.00	300	Vertical	Pass
1**	1489.600	27.87	-19.51	54.0	26.13	AV	299.00	300	Vertical	Pass
2	2855.500	43.70	-12.32	74.0	30.30	Peak	7.00	100	Vertical	Pass
2**	2855.500	34.29	-12.32	54.0	19.71	AV	7.00	100	Vertical	Pass
3	4348.750	48.41	-6.55	74.0	25.59	Peak	105.00	200	Vertical	Pass
3**	4348.750	39.51	-6.55	54.0	14.49	AV	105.00	200	Vertical	Pass
4	5298.500	97.77	-5.56	--	--	Peak	345.00	400	Vertical	N/A
4**	5298.500	90.00	-5.56	--	--	AV	345.00	400	Vertical	N/A
5	8480.225	52.03	-4.20	74.0	21.97	Peak	54.00	150	Vertical	Pass
5**	8480.225	49.56	-4.20	54.0	4.44	AV	54.00	150	Vertical	Pass
6	10603.000	53.31	-2.55	74.0	20.69	Peak	42.00	200	Vertical	Pass
6**	10603.000	49.17	-2.55	54.0	4.83	AV	42.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.100	37.23	-19.77	74.0	36.77	Peak	0.00	200	Horizontal	Pass
1**	1470.100	27.04	-19.77	54.0	26.96	AV	0.00	200	Horizontal	Pass
2	2858.700	43.32	-12.34	74.0	30.68	Peak	0.00	400	Horizontal	Pass
2**	2858.700	34.10	-12.34	54.0	19.90	AV	0.00	400	Horizontal	Pass
3	4128.750	47.46	-7.20	74.0	26.54	Peak	14.00	100	Horizontal	Pass
3**	4128.750	37.00	-7.20	54.0	17.00	AV	14.00	100	Horizontal	Pass
4	5318.750	101.71	-5.68	--	--	Peak	47.00	300	Horizontal	N/A
4**	5318.750	94.34	-5.68	--	--	AV	47.00	300	Horizontal	N/A
5	8511.813	50.32	-3.96	68.2	17.88	Peak	346.00	100	Horizontal	Pass
5**	8511.813	45.61	-3.96	--	--	AV	346.00	100	Horizontal	N/A
6	10636.013	59.94	-3.76	74.0	14.06	Peak	19.00	150	Horizontal	Pass
6**	10636.013	53.45	-3.76	54.0	0.55	AV	19.00	150	Horizontal	N/A
6***	10636.013	50.556	-3.76	54.0	3.444	AV	19.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.900	37.36	-19.61	74.0	36.64	Peak	121.00	100	Vertical	Pass
1**	1482.900	27.67	-19.61	54.0	26.33	AV	121.00	100	Vertical	Pass
2	2890.000	43.28	-12.17	74.0	30.72	Peak	200.00	400	Vertical	Pass
2**	2890.000	34.97	-12.17	54.0	19.03	AV	200.00	400	Vertical	Pass
3	4324.500	47.71	-5.93	74.0	26.29	Peak	275.00	150	Vertical	Pass
3**	4324.500	38.58	-5.93	54.0	15.42	AV	275.00	150	Vertical	Pass
4	5318.500	98.61	-5.68	--	--	Peak	275.00	400	Vertical	N/A
4**	5318.500	91.44	-5.68	--	--	AV	275.00	400	Vertical	N/A
5	8512.050	51.93	-3.96	68.2	16.27	Peak	63.00	150	Vertical	Pass
5**	8512.050	49.20	-3.96	--	--	AV	63.00	150	Vertical	N/A
6	10636.963	53.41	-3.80	74.0	20.59	Peak	142.00	200	Vertical	Pass
6**	10636.963	48.67	-3.80	54.0	5.33	AV	142.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.500	37.41	-19.74	74.0	36.59	Peak	247.00	400	Horizontal	Pass
1**	1476.500	28.34	-19.74	54.0	25.66	AV	247.00	400	Horizontal	Pass
2	2855.300	44.14	-12.32	74.0	29.86	Peak	291.00	400	Horizontal	Pass
2**	2855.300	34.43	-12.32	54.0	19.57	AV	291.00	400	Horizontal	Pass
3	4342.000	47.13	-6.30	74.0	26.87	Peak	83.00	200	Horizontal	Pass
3**	4342.000	38.31	-6.30	54.0	15.69	AV	83.00	200	Horizontal	Pass
4	5261.750	103.67	-5.21	--	--	Peak	59.00	200	Horizontal	N/A
4**	5261.750	96.32	-5.21	--	--	AV	59.00	200	Horizontal	N/A
5	8416.100	48.86	-4.19	74.0	25.14	Peak	345.00	200	Horizontal	Pass
5**	8416.100	47.92	-4.19	54.0	6.08	AV	345.00	200	Horizontal	Pass
6	10517.975	64.74	-3.90	68.2	3.46	Peak	9.00	300	Horizontal	Pass
6**	10517.975	55.83	-3.90	--	--	AV	9.00	300	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.200	37.13	-19.85	74.0	36.87	Peak	18.00	200	Vertical	Pass
1**	1540.200	27.49	-19.85	54.0	26.51	AV	18.00	200	Vertical	Pass
2	2883.300	43.17	-12.28	74.0	30.83	Peak	247.00	300	Vertical	Pass
2**	2883.300	34.13	-12.28	54.0	19.87	AV	247.00	300	Vertical	Pass
3	4336.250	47.44	-6.11	74.0	26.56	Peak	74.00	200	Vertical	Pass
3**	4336.250	38.64	-6.11	54.0	15.36	AV	74.00	200	Vertical	Pass
4	5261.250	99.92	-5.22	--	--	Peak	273.00	400	Vertical	N/A
4**	5261.250	92.57	-5.22	--	--	AV	273.00	400	Vertical	N/A
5	8416.100	51.23	-4.19	74.0	22.77	Peak	42.00	150	Vertical	Pass
5**	8416.100	48.77	-4.19	54.0	5.23	AV	42.00	150	Vertical	Pass
6	10518.925	59.33	-3.89	68.2	8.87	Peak	42.00	200	Vertical	Pass
6**	10518.925	49.70	-3.89	--	--	AV	42.00	200	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.800	37.02	-19.43	74.0	36.98	Peak	0.00	400	Horizontal	Pass
1**	1492.800	28.22	-19.43	54.0	25.78	AV	0.00	400	Horizontal	Pass
2	2735.600	43.70	-11.88	74.0	30.30	Peak	74.00	200	Horizontal	Pass
2**	2735.600	33.83	-11.88	54.0	20.17	AV	74.00	200	Horizontal	Pass
3	4372.000	47.33	-7.04	74.0	26.67	Peak	15.00	150	Horizontal	Pass
3**	4372.000	37.55	-7.04	54.0	16.45	AV	15.00	150	Horizontal	Pass
4	5298.250	101.66	-5.55	--	--	Peak	48.00	200	Horizontal	N/A
4**	5298.250	94.23	-5.55	--	--	AV	48.00	200	Horizontal	N/A
5	8480.225	48.75	-4.20	74.0	25.25	Peak	30.00	200	Horizontal	Pass
5**	8480.225	47.63	-4.20	54.0	6.37	AV	30.00	200	Horizontal	Pass
6	10602.526	58.22	-2.53	74.0	15.78	Peak	30.00	150	Horizontal	Pass
6**	10602.526	53.89	-2.53	54.0	0.11	AV	30.00	150	Horizontal	N/A
6***	10602.526	50.096	-2.53	54.0	3.904	AV	30.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.600	37.20	-19.66	74.0	36.80	Peak	287.00	300	Vertical	Pass
1**	1481.600	27.55	-19.66	54.0	26.45	AV	287.00	300	Vertical	Pass
2	2724.600	43.46	-11.71	74.0	30.54	Peak	29.00	100	Vertical	Pass
2**	2724.600	34.54	-11.71	54.0	19.46	AV	29.00	100	Vertical	Pass
3	4352.000	48.30	-6.62	74.0	25.70	Peak	76.00	100	Vertical	Pass
3**	4352.000	38.14	-6.62	54.0	15.86	AV	76.00	100	Vertical	Pass
4	5301.250	97.89	-5.66	--	--	Peak	345.00	300	Vertical	N/A
4**	5301.250	90.43	-5.66	--	--	AV	345.00	300	Vertical	N/A
5	8480.225	51.88	-4.20	74.0	22.12	Peak	58.00	150	Vertical	Pass
5**	8480.225	49.26	-4.20	54.0	4.74	AV	58.00	150	Vertical	Pass
6	10603.713	55.72	-2.58	74.0	18.28	Peak	131.00	200	Vertical	Pass
6**	10603.713	49.16	-2.58	54.0	4.84	AV	131.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.500	37.24	-19.57	74.0	36.76	Peak	255.00	100	Horizontal	Pass
1**	1486.500	28.03	-19.57	54.0	25.97	AV	255.00	100	Horizontal	Pass
2	2724.600	43.26	-11.71	74.0	30.74	Peak	0.00	200	Horizontal	Pass
2**	2724.600	34.35	-11.71	54.0	19.65	AV	0.00	200	Horizontal	Pass
3	4347.000	47.74	-6.49	74.0	26.26	Peak	61.00	200	Horizontal	Pass
3**	4347.000	39.14	-6.49	54.0	14.86	AV	61.00	200	Horizontal	Pass
4	5322.250	102.12	-5.60	--	--	Peak	53.00	100	Horizontal	N/A
4**	5322.250	94.29	-5.60	--	--	AV	53.00	100	Horizontal	N/A
5	8512.050	50.68	-3.96	68.2	17.52	Peak	338.00	150	Horizontal	Pass
5**	8512.050	47.76	-3.96	--	--	AV	338.00	150	Horizontal	N/A
6	10637.674	59.17	-3.82	74.0	14.83	Peak	360.00	100	Horizontal	Pass
6**	10637.674	53.54	-3.82	54.0	0.46	AV	360.00	100	Horizontal	N/A
6***	10637.674	50.815	-3.82	54.0	3.185	AV	360.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.400	37.48	-19.66	74.0	36.52	Peak	49.00	400	Vertical	Pass
1**	1515.400	27.23	-19.66	54.0	26.77	AV	49.00	400	Vertical	Pass
2	2795.100	44.45	-12.59	74.0	29.55	Peak	200.00	100	Vertical	Pass
2**	2795.100	33.82	-12.59	54.0	20.18	AV	200.00	100	Vertical	Pass
3	4330.250	47.78	-5.98	74.0	26.22	Peak	281.00	200	Vertical	Pass
3**	4330.250	38.58	-5.98	54.0	15.42	AV	281.00	200	Vertical	Pass
4	5317.250	98.64	-5.70	--	--	Peak	281.00	300	Vertical	N/A
4**	5317.250	91.34	-5.70	--	--	AV	281.00	300	Vertical	N/A
5	8512.050	52.34	-3.96	68.2	15.86	Peak	58.00	150	Vertical	Pass
5**	8512.050	49.04	-3.96	--	--	AV	58.00	150	Vertical	N/A
6	10640.050	53.85	-3.91	74.0	20.15	Peak	58.00	200	Vertical	Pass
6**	10640.050	49.97	-3.91	54.0	4.03	AV	58.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	37.62	-19.77	74.0	36.38	Peak	360.00	400	Horizontal	Pass
1**	1439.700	27.67	-19.77	54.0	26.33	AV	360.00	400	Horizontal	Pass
2	2875.800	43.32	-12.36	74.0	30.68	Peak	122.00	300	Horizontal	Pass
2**	2875.800	34.69	-12.36	54.0	19.31	AV	122.00	300	Horizontal	Pass
3	4323.000	47.23	-5.92	74.0	26.77	Peak	87.00	150	Horizontal	Pass
3**	4323.000	38.80	-5.92	54.0	15.20	AV	87.00	150	Horizontal	Pass
4	5266.500	102.33	-5.11	--	--	Peak	50.00	100	Horizontal	N/A
4**	5266.500	95.16	-5.11	--	--	AV	50.00	100	Horizontal	N/A
5	8432.250	50.17	-4.53	74.0	23.83	Peak	339.00	200	Horizontal	Pass
5**	8432.250	47.44	-4.53	54.0	6.56	AV	339.00	200	Horizontal	Pass
6	10538.875	61.93	-3.63	68.2	6.27	Peak	18.00	150	Horizontal	Pass
6**	10538.875	52.97	-3.63	--	--	AV	18.00	150	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.200	37.21	-19.50	74.0	36.79	Peak	47.00	100	Vertical	Pass
1**	1490.200	27.84	-19.50	54.0	26.16	AV	47.00	100	Vertical	Pass
2	2856.900	43.71	-12.34	74.0	30.29	Peak	38.00	400	Vertical	Pass
2**	2856.900	34.26	-12.34	54.0	19.74	AV	38.00	400	Vertical	Pass
3	4345.000	47.75	-6.41	74.0	26.25	Peak	57.00	200	Vertical	Pass
3**	4345.000	38.57	-6.41	54.0	15.43	AV	57.00	200	Vertical	Pass
4	5268.500	99.50	-5.09	--	--	Peak	243.00	100	Vertical	N/A
4**	5268.500	91.92	-5.09	--	--	AV	243.00	100	Vertical	N/A
5	8432.250	51.06	-4.53	74.0	22.94	Peak	45.00	150	Vertical	Pass
5**	8432.250	48.68	-4.53	54.0	5.32	AV	45.00	150	Vertical	Pass
6	10541.725	57.63	-3.59	68.2	10.57	Peak	45.00	200	Vertical	Pass
6**	10541.725	48.66	-3.59	--	--	AV	45.00	200	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.100	37.08	-19.58	74.0	36.92	Peak	149.00	300	Horizontal	Pass
1**	1487.100	27.62	-19.58	54.0	26.38	AV	149.00	300	Horizontal	Pass
2	2725.700	43.77	-11.66	74.0	30.23	Peak	309.00	100	Horizontal	Pass
2**	2725.700	34.56	-11.66	54.0	19.44	AV	309.00	100	Horizontal	Pass
3	4333.500	48.46	-6.11	74.0	25.54	Peak	44.00	200	Horizontal	Pass
3**	4333.500	38.14	-6.11	54.0	15.86	AV	44.00	200	Horizontal	Pass
4	5312.000	99.50	-5.71	--	--	Peak	290.00	100	Horizontal	N/A
4**	5312.000	92.03	-5.71	--	--	AV	290.00	100	Horizontal	N/A
5	7550.250	54.30	-1.14	74.0	19.70	Peak	227.00	150	Horizontal	Pass
5**	7550.250	44.52	-1.14	54.0	9.48	AV	227.00	150	Horizontal	Pass
6	10618.675	54.31	-3.13	74.0	19.69	Peak	21.00	150	Horizontal	Pass
6**	10618.675	51.26	-3.13	54.0	2.74	AV	21.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2852.100	43.49	-12.16	74.0	30.51	Peak	218.00	400	Vertical	Pass
1**	2852.100	33.68	-12.16	54.0	20.32	AV	218.00	400	Vertical	Pass
2	4336.250	47.26	-6.11	74.0	26.74	Peak	315.00	100	Vertical	Pass
2**	4336.250	39.87	-6.11	54.0	14.13	AV	315.00	100	Vertical	Pass
3	5311.750	97.11	-5.71	--	--	Peak	340.00	300	Vertical	N/A
3**	5311.750	89.33	-5.71	--	--	AV	340.00	300	Vertical	N/A
4	7487.000	54.59	-0.36	74.0	19.41	Peak	207.00	200	Vertical	Pass
4**	7487.000	45.42	-0.36	54.0	8.58	AV	207.00	200	Vertical	Pass
5	10621.525	51.03	-3.23	74.0	22.97	Peak	87.00	150	Vertical	Pass
5**	10621.525	47.54	-3.23	54.0	6.46	AV	87.00	150	Vertical	Pass
6	12451.463	52.61	0.88	74.0	21.39	Peak	153.00	150	Vertical	Pass
6**	12451.463	43.72	0.88	54.0	10.28	AV	153.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.400	37.16	-19.92	74.0	36.84	Peak	309.00	300	Horizontal	Pass
1**	1559.400	27.10	-19.92	54.0	26.90	AV	309.00	300	Horizontal	Pass
2	2726.200	43.99	-11.64	74.0	30.01	Peak	26.00	400	Horizontal	Pass
2**	2726.200	33.80	-11.64	54.0	20.20	AV	26.00	400	Horizontal	Pass
3	4336.750	47.95	-6.09	74.0	26.05	Peak	324.00	100	Horizontal	Pass
3**	4336.750	38.56	-6.09	54.0	15.44	AV	324.00	100	Horizontal	Pass
4	5262.500	105.51	-5.20	--	--	Peak	291.00	100	Horizontal	N/A
4**	5262.500	98.24	-5.20	--	--	AV	291.00	100	Horizontal	N/A
5	8416.100	50.29	-4.19	74.0	23.71	Peak	345.00	150	Horizontal	Pass
5**	8416.100	46.39	-4.19	54.0	7.61	AV	345.00	150	Horizontal	Pass
6	10516.550	64.41	-3.92	68.2	3.79	Peak	19.00	150	Horizontal	Pass
6**	10516.550	54.91	-3.92	--	--	AV	19.00	150	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2732.600	43.42	-11.63	74.0	30.58	Peak	97.00	200	Vertical	Pass
1**	2732.600	34.20	-11.63	54.0	19.80	AV	97.00	200	Vertical	Pass
2	4371.500	47.93	-7.03	74.0	26.07	Peak	265.00	150	Vertical	Pass
2**	4371.500	38.07	-7.03	54.0	15.93	AV	265.00	150	Vertical	Pass
3	5262.000	100.73	-5.21	--	--	Peak	282.00	100	Vertical	N/A
3**	5262.000	93.89	-5.21	--	--	AV	282.00	100	Vertical	N/A
4	8416.338	50.06	-4.20	74.0	23.94	Peak	63.00	150	Vertical	Pass
4**	8416.338	48.20	-4.20	54.0	5.80	AV	63.00	150	Vertical	Pass
5	10512.513	59.55	-3.98	68.2	8.65	Peak	53.00	150	Vertical	Pass
5**	10512.513	49.68	-3.98	--	--	AV	53.00	150	Vertical	N/A
6	15775.313	52.43	0.73	74.0	21.57	Peak	46.00	150	Vertical	Pass
6**	15775.313	47.53	0.73	54.0	6.47	AV	46.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.200	37.82	-19.73	74.0	36.18	Peak	73.00	100	Horizontal	Pass
1**	1447.200	27.52	-19.73	54.0	26.48	AV	73.00	100	Horizontal	Pass
2	4348.500	48.03	-6.54	74.0	25.97	Peak	292.00	150	Horizontal	Pass
2**	4348.500	39.37	-6.54	54.0	14.63	AV	292.00	150	Horizontal	Pass
3	5301.500	101.32	-5.66	--	--	Peak	283.00	100	Horizontal	N/A
3**	5301.500	93.82	-5.66	--	--	AV	283.00	100	Horizontal	N/A
4	8480.225	49.81	-4.20	74.0	24.19	Peak	343.00	150	Horizontal	Pass
4**	8480.225	47.71	-4.20	54.0	6.29	AV	343.00	150	Horizontal	Pass
5	10601.813	56.76	-2.51	74.0	17.24	Peak	0.00	150	Horizontal	Pass
5**	10601.813	51.90	-2.51	54.0	2.10	AV	0.00	150	Horizontal	Pass
6	12580.901	52.41	1.33	74.0	21.59	Peak	309.00	150	Horizontal	Pass
6**	12580.901	44.37	1.33	54.0	9.63	AV	309.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.000	37.03	-19.94	74.0	36.97	Peak	290.00	400	Vertical	Pass
1**	1588.000	27.31	-19.94	54.0	26.69	AV	290.00	400	Vertical	Pass
2	4354.250	47.34	-6.60	74.0	26.66	Peak	336.00	100	Vertical	Pass
2**	4354.250	38.44	-6.60	54.0	15.56	AV	336.00	100	Vertical	Pass
3	5302.750	96.88	-5.62	--	--	Peak	346.00	200	Vertical	N/A
3**	5302.750	89.70	-5.62	--	--	AV	346.00	200	Vertical	N/A
4	8480.225	52.32	-4.20	74.0	21.68	Peak	53.00	150	Vertical	Pass
4**	8480.225	49.77	-4.20	54.0	4.23	AV	53.00	150	Vertical	Pass
5	10601.813	55.36	-2.51	74.0	18.64	Peak	121.00	150	Vertical	Pass
5**	10601.813	48.39	-2.51	54.0	5.61	AV	121.00	150	Vertical	Pass
6	12424.625	53.71	0.59	74.0	20.29	Peak	360.00	150	Vertical	Pass
6**	12424.625	43.92	0.59	54.0	10.08	AV	360.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.100	37.55	-19.75	74.0	36.45	Peak	311.00	400	Horizontal	Pass
1**	1438.100	27.33	-19.75	54.0	26.67	AV	311.00	400	Horizontal	Pass
2	4346.250	47.64	-6.48	74.0	26.36	Peak	24.00	200	Horizontal	Pass
2**	4346.250	38.27	-6.48	54.0	15.73	AV	24.00	200	Horizontal	Pass
3	5321.000	101.12	-5.61	--	--	Peak	290.00	200	Horizontal	N/A
3**	5321.000	92.97	-5.61	--	--	AV	290.00	200	Horizontal	N/A
4	7487.000	54.65	-0.36	74.0	19.35	Peak	83.00	100	Horizontal	Pass
4**	7487.000	46.01	-0.36	54.0	7.99	AV	83.00	100	Horizontal	Pass
5	10636.724	55.70	-3.79	74.0	18.30	Peak	19.00	150	Horizontal	Pass
5**	10636.724	51.92	-3.79	54.0	2.08	AV	19.00	150	Horizontal	Pass
6	12607.500	52.61	1.09	74.0	21.39	Peak	198.00	150	Horizontal	Pass
6**	12607.500	44.33	1.09	54.0	9.67	AV	198.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.000	36.96	-19.62	74.0	37.04	Peak	327.00	100	Vertical	Pass
1**	1520.000	28.03	-19.62	54.0	25.97	AV	327.00	100	Vertical	Pass
2	4357.000	47.19	-6.62	74.0	26.81	Peak	323.00	150	Vertical	Pass
2**	4357.000	38.43	-6.62	54.0	15.57	AV	323.00	150	Vertical	Pass
3	5321.500	97.57	-5.61	--	--	Peak	339.00	200	Vertical	N/A
3**	5321.500	89.78	-5.61	--	--	AV	339.00	200	Vertical	N/A
4	7492.500	54.23	-0.41	74.0	19.77	Peak	339.00	100	Vertical	Pass
4**	7492.500	45.89	-0.41	54.0	8.11	AV	339.00	100	Vertical	Pass
5	10641.713	54.27	-3.97	74.0	19.73	Peak	131.00	150	Vertical	Pass
5**	10641.713	47.53	-3.97	54.0	6.47	AV	131.00	150	Vertical	Pass
6	12578.525	52.48	1.35	74.0	21.52	Peak	165.00	150	Vertical	Pass
6**	12578.525	43.76	1.35	54.0	10.24	AV	165.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.200	37.23	-19.80	74.0	36.77	Peak	102.00	400	Horizontal	Pass
1**	1465.200	28.36	-19.80	54.0	25.64	AV	102.00	400	Horizontal	Pass
2	2872.300	43.25	-12.43	74.0	30.75	Peak	321.00	300	Horizontal	Pass
2**	2872.300	34.95	-12.43	54.0	19.05	AV	321.00	300	Horizontal	Pass
3	4325.000	47.94	-5.94	74.0	26.06	Peak	126.00	150	Horizontal	Pass
3**	4325.000	38.63	-5.94	54.0	15.37	AV	126.00	150	Horizontal	Pass
4	5268.250	102.59	-5.10	--	--	Peak	51.00	400	Horizontal	N/A
4**	5268.250	95.76	-5.10	--	--	AV	51.00	400	Horizontal	N/A
5	8432.250	51.82	-4.53	74.0	22.18	Peak	342.00	150	Horizontal	Pass
5**	8432.250	47.95	-4.53	54.0	6.05	AV	342.00	150	Horizontal	Pass
6	10540.537	61.44	-3.61	68.2	6.76	Peak	360.00	150	Horizontal	Pass
6**	10540.537	52.64	-3.61	--	--	AV	360.00	150	Horizontal	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.500	36.80	-19.55	74.0	37.20	Peak	269.00	200	Vertical	Pass
1**	1503.500	27.82	-19.55	54.0	26.18	AV	269.00	200	Vertical	Pass
2	2886.300	43.71	-12.19	74.0	30.29	Peak	330.00	200	Vertical	Pass
2**	2886.300	34.43	-12.19	54.0	19.57	AV	330.00	200	Vertical	Pass
3	4307.750	47.55	-6.31	74.0	26.45	Peak	225.00	200	Vertical	Pass
3**	4307.750	38.48	-6.31	54.0	15.52	AV	225.00	200	Vertical	Pass
4	5273.750	98.87	-4.96	--	--	Peak	274.00	200	Vertical	N/A
4**	5273.750	91.40	-4.96	--	--	AV	274.00	200	Vertical	N/A
5	8432.013	51.54	-4.53	74.0	22.46	Peak	132.00	150	Vertical	Pass
5**	8432.013	48.52	-4.53	54.0	5.48	AV	132.00	150	Vertical	Pass
6	10540.063	57.83	-3.61	68.2	10.37	Peak	53.00	150	Vertical	Pass
6**	10540.063	49.41	-3.61	--	--	AV	53.00	150	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1464.900	36.87	-19.79	74.0	37.13	Peak	63.00	200	Horizontal	Pass
1**	1464.900	27.26	-19.79	54.0	26.74	AV	63.00	200	Horizontal	Pass
2	2846.800	43.54	-12.24	74.0	30.46	Peak	336.00	100	Horizontal	Pass
2**	2846.800	34.18	-12.24	54.0	19.82	AV	336.00	100	Horizontal	Pass
3	4342.750	47.88	-6.27	74.0	26.12	Peak	215.00	150	Horizontal	Pass
3**	4342.750	38.41	-6.27	54.0	15.59	AV	215.00	150	Horizontal	Pass
4	5312.750	99.97	-5.70	--	--	Peak	290.00	300	Horizontal	N/A
4**	5312.750	93.28	-5.70	--	--	AV	290.00	300	Horizontal	N/A
5	7501.250	54.15	-0.81	74.0	19.85	Peak	50.00	150	Horizontal	Pass
5**	7501.250	46.19	-0.81	54.0	7.81	AV	50.00	150	Horizontal	Pass
6	10618.200	55.40	-3.11	74.0	18.60	Peak	19.00	150	Horizontal	Pass
6**	10618.200	51.90	-3.11	54.0	2.10	AV	19.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.800	37.62	-19.64	74.0	36.38	Peak	125.00	100	Vertical	Pass
1**	1515.800	27.33	-19.64	54.0	26.67	AV	125.00	100	Vertical	Pass
2	2805.900	44.04	-13.07	74.0	29.96	Peak	100.00	400	Vertical	Pass
2**	2805.900	34.47	-13.07	54.0	19.53	AV	100.00	400	Vertical	Pass
3	4302.000	47.37	-6.56	74.0	26.63	Peak	81.00	200	Vertical	Pass
3**	4302.000	38.50	-6.56	54.0	15.50	AV	81.00	200	Vertical	Pass
4	5308.250	98.03	-5.68	--	--	Peak	264.00	400	Vertical	N/A
4**	5308.250	89.55	-5.68	--	--	AV	264.00	400	Vertical	N/A
5	7494.250	54.36	-0.41	74.0	19.64	Peak	65.00	200	Vertical	Pass
5**	7494.250	45.50	-0.41	54.0	8.50	AV	65.00	200	Vertical	Pass
6	10618.438	52.05	-3.12	74.0	21.95	Peak	132.00	150	Vertical	Pass
6**	10618.438	48.00	-3.12	54.0	6.00	AV	132.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.100	36.96	-19.71	74.0	37.04	Peak	41.00	300	Horizontal	Pass
1**	1456.100	27.37	-19.71	54.0	26.63	AV	41.00	300	Horizontal	Pass
2	2868.000	43.85	-12.40	74.0	30.15	Peak	250.00	200	Horizontal	Pass
2**	2868.000	34.40	-12.40	54.0	19.60	AV	250.00	200	Horizontal	Pass
3	4343.000	47.76	-6.26	74.0	26.24	Peak	298.00	100	Horizontal	Pass
3**	4343.000	38.30	-6.26	54.0	15.70	AV	298.00	100	Horizontal	Pass
4	5296.000	97.69	-5.51	--	--	Peak	290.00	200	Horizontal	N/A
4**	5296.000	90.41	-5.51	--	--	AV	290.00	200	Horizontal	N/A
5	8464.075	49.63	-4.06	74.0	24.37	Peak	29.00	150	Horizontal	Pass
5**	8464.075	47.30	-4.06	54.0	6.70	AV	29.00	150	Horizontal	Pass
6	10601.338	55.04	-2.49	74.0	18.96	Peak	360.00	150	Horizontal	Pass
6**	10601.338	51.76	-2.49	54.0	2.24	AV	360.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	37.25	-19.50	74.0	36.75	Peak	241.00	100	Vertical	Pass
1**	1496.300	28.77	-19.50	54.0	25.23	AV	241.00	100	Vertical	Pass
2	2701.800	44.00	-12.63	74.0	30.00	Peak	315.00	400	Vertical	Pass
2**	2701.800	34.19	-12.63	54.0	19.81	AV	315.00	400	Vertical	Pass
3	4295.750	47.82	-6.74	74.0	26.18	Peak	266.00	150	Vertical	Pass
3**	4295.750	37.32	-6.74	54.0	16.68	AV	266.00	150	Vertical	Pass
4	5276.000	93.26	-4.96	--	--	Peak	347.00	400	Vertical	N/A
4**	5276.000	85.31	-4.96	--	--	AV	347.00	400	Vertical	N/A
5	8464.312	52.09	-4.08	74.0	21.91	Peak	42.00	150	Vertical	Pass
5**	8464.312	49.55	-4.08	54.0	4.45	AV	42.00	150	Vertical	Pass
6	10601.099	50.69	-2.48	74.0	23.31	Peak	131.00	150	Vertical	Pass
6**	10601.099	48.54	-2.48	54.0	5.46	AV	131.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.300	36.80	-19.81	74.0	37.20	Peak	28.00	100	Horizontal	Pass
1**	1545.300	27.56	-19.81	54.0	26.44	AV	28.00	100	Horizontal	Pass
2	2724.500	44.07	-11.72	74.0	29.93	Peak	151.00	100	Horizontal	Pass
2**	2724.500	34.57	-11.72	54.0	19.43	AV	151.00	100	Horizontal	Pass
3	4346.000	47.16	-6.48	74.0	26.84	Peak	159.00	100	Horizontal	Pass
3**	4346.000	38.29	-6.48	54.0	15.71	AV	159.00	100	Horizontal	Pass
4	5498.750	102.61	-4.78	--	--	Peak	290.00	200	Horizontal	N/A
4**	5498.750	96.09	-4.78	--	--	AV	290.00	200	Horizontal	N/A
5	7603.000	54.83	-0.51	74.0	19.17	Peak	282.00	200	Horizontal	Pass
5**	7603.000	44.80	-0.51	54.0	9.20	AV	282.00	200	Horizontal	Pass
6	10999.625	57.53	-4.17	74.0	16.47	Peak	0.00	150	Horizontal	Pass
6**	10999.625	51.31	-4.17	54.0	2.69	AV	0.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.000	36.91	-19.72	74.0	37.09	Peak	86.00	200	Vertical	Pass
1**	1457.000	27.36	-19.72	54.0	26.64	AV	86.00	200	Vertical	Pass
2	2792.100	43.95	-12.56	74.0	30.05	Peak	218.00	400	Vertical	Pass
2**	2792.100	34.14	-12.56	54.0	19.86	AV	218.00	400	Vertical	Pass
3	4199.250	47.48	-7.47	74.0	26.52	Peak	360.00	150	Vertical	Pass
3**	4199.250	37.37	-7.47	54.0	16.63	AV	360.00	150	Vertical	Pass
4	5502.000	100.64	-4.84	--	--	Peak	336.00	400	Vertical	N/A
4**	5502.000	92.83	-4.84	--	--	AV	336.00	400	Vertical	N/A
5	7491.000	54.84	-0.34	74.0	19.16	Peak	346.00	100	Vertical	Pass
5**	7491.000	45.71	-0.34	54.0	8.29	AV	346.00	100	Vertical	Pass
6	10998.912	56.93	-4.17	74.0	17.07	Peak	141.00	150	Vertical	Pass
6**	10998.912	51.53	-4.17	54.0	2.47	AV	141.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.700	37.45	-19.77	74.0	36.55	Peak	269.00	300	Horizontal	Pass
1**	1468.700	27.71	-19.77	54.0	26.29	AV	269.00	300	Horizontal	Pass
2	2793.500	43.54	-12.54	74.0	30.46	Peak	60.00	300	Horizontal	Pass
2**	2793.500	34.85	-12.54	54.0	19.15	AV	60.00	300	Horizontal	Pass
3	4320.750	47.56	-5.97	74.0	26.44	Peak	258.00	100	Horizontal	Pass
3**	4320.750	38.44	-5.97	54.0	15.56	AV	258.00	100	Horizontal	Pass
4	5578.750	101.18	-5.25	--	--	Peak	288.00	200	Horizontal	N/A
4**	5578.750	93.46	-5.25	--	--	AV	288.00	200	Horizontal	N/A
5	7602.000	54.33	-0.46	74.0	19.67	Peak	13.00	100	Horizontal	Pass
5**	7602.000	44.59	-0.46	54.0	9.41	AV	13.00	100	Horizontal	Pass
6	11156.850	57.11	-4.28	74.0	16.89	Peak	72.00	150	Horizontal	Pass
6**	11156.850	51.34	-4.28	54.0	2.66	AV	72.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.800	37.10	-19.73	74.0	36.90	Peak	360.00	300	Vertical	Pass
1**	1474.800	27.95	-19.73	54.0	26.05	AV	360.00	300	Vertical	Pass
2	2704.400	43.63	-12.76	74.0	30.37	Peak	70.00	200	Vertical	Pass
2**	2704.400	33.52	-12.76	54.0	20.48	AV	70.00	200	Vertical	Pass
3	4343.500	47.91	-6.25	74.0	26.09	Peak	4.00	100	Vertical	Pass
3**	4343.500	38.26	-6.25	54.0	15.74	AV	4.00	100	Vertical	Pass
4	5578.750	97.27	-5.25	--	--	Peak	333.00	200	Vertical	N/A
4**	5578.750	90.16	-5.25	--	--	AV	333.00	200	Vertical	N/A
5	7502.750	54.34	-0.92	74.0	19.66	Peak	278.00	150	Vertical	Pass
5**	7502.750	45.55	-0.92	54.0	8.45	AV	278.00	150	Vertical	Pass
6	11157.325	54.23	-4.27	74.0	19.77	Peak	152.00	150	Vertical	Pass
6**	11157.325	51.73	-4.27	54.0	2.27	AV	152.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	37.10	-19.44	74.0	36.90	Peak	0.00	300	Horizontal	Pass
1**	1492.400	27.30	-19.44	54.0	26.70	AV	0.00	300	Horizontal	Pass
2	2876.300	43.85	-12.37	74.0	30.15	Peak	314.00	300	Horizontal	Pass
2**	2876.300	34.14	-12.37	54.0	19.86	AV	314.00	300	Horizontal	Pass
3	4353.000	47.35	-6.61	74.0	26.65	Peak	142.00	100	Horizontal	Pass
3**	4353.000	38.39	-6.61	54.0	15.61	AV	142.00	100	Horizontal	Pass
4	5698.750	103.86	-5.19	--	--	Peak	279.00	400	Horizontal	N/A
4**	5698.750	96.24	-5.19	--	--	AV	279.00	400	Horizontal	N/A
5	7603.750	54.02	-0.56	74.0	19.98	Peak	171.00	100	Horizontal	Pass
5**	7603.750	44.64	-0.56	54.0	9.36	AV	171.00	100	Horizontal	Pass
6	11401.238	55.77	-3.45	74.0	18.23	Peak	151.00	150	Horizontal	Pass
6**	11401.238	51.70	-3.45	54.0	2.30	AV	151.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.700	37.04	-19.70	74.0	36.96	Peak	249.00	400	Vertical	Pass
1**	1530.700	28.10	-19.70	54.0	25.90	AV	249.00	400	Vertical	Pass
2	2857.200	43.19	-12.34	74.0	30.81	Peak	360.00	200	Vertical	Pass
2**	2857.200	34.56	-12.34	54.0	19.44	AV	360.00	200	Vertical	Pass
3	4318.500	47.56	-5.95	74.0	26.44	Peak	360.00	100	Vertical	Pass
3**	4318.500	38.28	-5.95	54.0	15.72	AV	360.00	100	Vertical	Pass
4	5698.750	98.93	-5.19	--	--	Peak	219.00	200	Vertical	N/A
4**	5698.750	91.44	-5.19	--	--	AV	219.00	200	Vertical	N/A
5	7486.250	54.87	-0.38	74.0	19.13	Peak	152.00	100	Vertical	Pass
5**	7486.250	45.48	-0.38	54.0	8.52	AV	152.00	100	Vertical	Pass
6	11403.850	54.62	-3.41	74.0	19.38	Peak	164.00	150	Vertical	Pass
6**	11403.850	51.73	-3.41	54.0	2.27	AV	164.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	37.46	-19.42	74.0	36.54	Peak	75.00	400	Horizontal	Pass
1**	1493.400	27.44	-19.42	54.0	26.56	AV	75.00	400	Horizontal	Pass
2	2873.700	43.74	-12.42	74.0	30.26	Peak	154.00	100	Horizontal	Pass
2**	2873.700	33.79	-12.42	54.0	20.21	AV	154.00	100	Horizontal	Pass
3	4355.250	47.51	-6.62	74.0	26.49	Peak	0.00	200	Horizontal	Pass
3**	4355.250	38.31	-6.62	54.0	15.69	AV	0.00	200	Horizontal	Pass
4	5497.000	102.60	-4.86	--	--	Peak	286.00	200	Horizontal	N/A
4**	5497.000	94.48	-4.86	--	--	AV	286.00	200	Horizontal	N/A
5	7492.500	54.64	-0.41	74.0	19.36	Peak	20.00	200	Horizontal	Pass
5**	7492.500	45.76	-0.41	54.0	8.24	AV	20.00	200	Horizontal	Pass
6	10993.688	55.31	-4.24	74.0	18.69	Peak	0.00	150	Horizontal	Pass
6**	10993.688	51.85	-4.24	54.0	2.15	AV	0.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.700	36.88	-19.59	74.0	37.12	Peak	98.00	100	Vertical	Pass
1**	1516.700	28.10	-19.59	54.0	25.90	AV	98.00	100	Vertical	Pass
2	2874.600	43.49	-12.37	74.0	30.51	Peak	244.00	100	Vertical	Pass
2**	2874.600	34.56	-12.37	54.0	19.44	AV	244.00	100	Vertical	Pass
3	4337.500	47.90	-6.10	74.0	26.10	Peak	44.00	100	Vertical	Pass
3**	4337.500	38.39	-6.10	54.0	15.61	AV	44.00	100	Vertical	Pass
4	5498.500	99.61	-4.80	--	--	Peak	336.00	400	Vertical	N/A
4**	5498.500	93.30	-4.80	--	--	AV	336.00	400	Vertical	N/A
5	7574.750	54.70	-1.56	74.0	19.30	Peak	0.00	150	Vertical	Pass
5**	7574.750	44.47	-1.56	54.0	9.53	AV	0.00	150	Vertical	Pass
6	10999.388	53.56	-4.17	74.0	20.44	Peak	139.00	150	Vertical	Pass
6**	10999.388	50.71	-4.17	54.0	3.29	AV	139.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.200	36.93	-19.77	74.0	37.07	Peak	155.00	400	Horizontal	Pass
1**	1439.200	26.70	-19.77	54.0	27.30	AV	155.00	400	Horizontal	Pass
2	2732.900	43.64	-11.64	74.0	30.36	Peak	246.00	300	Horizontal	Pass
2**	2732.900	34.35	-11.64	54.0	19.65	AV	246.00	300	Horizontal	Pass
3	4341.750	47.94	-6.31	74.0	26.06	Peak	209.00	100	Horizontal	Pass
3**	4341.750	38.32	-6.31	54.0	15.68	AV	209.00	100	Horizontal	Pass
4	5578.750	101.05	-5.25	--	--	Peak	278.00	100	Horizontal	N/A
4**	5578.750	93.61	-5.25	--	--	AV	278.00	100	Horizontal	N/A
5	7499.750	54.93	-0.73	74.0	19.07	Peak	238.00	150	Horizontal	Pass
5**	7499.750	45.60	-0.73	54.0	8.40	AV	238.00	150	Horizontal	Pass
6	11160.651	54.80	-4.17	74.0	19.20	Peak	147.00	150	Horizontal	Pass
6**	11160.651	51.50	-4.17	54.0	2.50	AV	147.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.000	36.86	-19.71	74.0	37.14	Peak	100.00	400	Vertical	Pass
1**	1445.000	27.30	-19.71	54.0	26.70	AV	100.00	400	Vertical	Pass
2	2739.700	43.23	-12.26	74.0	30.77	Peak	169.00	100	Vertical	Pass
2**	2739.700	33.98	-12.26	54.0	20.02	AV	169.00	100	Vertical	Pass
3	4343.000	47.34	-6.26	74.0	26.66	Peak	248.00	150	Vertical	Pass
3**	4343.000	38.71	-6.26	54.0	15.29	AV	248.00	150	Vertical	Pass
4	5582.000	97.14	-5.21	--	--	Peak	335.00	400	Vertical	N/A
4**	5582.000	89.99	-5.21	--	--	AV	335.00	400	Vertical	N/A
5	7496.250	55.01	-0.51	74.0	18.99	Peak	81.00	150	Vertical	Pass
5**	7496.250	45.44	-0.51	54.0	8.56	AV	81.00	150	Vertical	Pass
6	11161.838	54.75	-4.14	74.0	19.25	Peak	152.00	150	Vertical	Pass
6**	11161.838	51.71	-4.14	54.0	2.29	AV	152.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.900	37.27	-19.61	74.0	36.73	Peak	137.00	300	Horizontal	Pass
1**	1522.900	27.47	-19.61	54.0	26.53	AV	137.00	300	Horizontal	Pass
2	2823.900	43.31	-12.70	74.0	30.69	Peak	0.00	400	Horizontal	Pass
2**	2823.900	34.50	-12.70	54.0	19.50	AV	0.00	400	Horizontal	Pass
3	4355.500	48.41	-6.63	74.0	25.59	Peak	280.00	150	Horizontal	Pass
3**	4355.500	38.84	-6.63	54.0	15.16	AV	280.00	150	Horizontal	Pass
4	5698.750	103.76	-5.19	--	--	Peak	288.00	200	Horizontal	N/A
4**	5698.750	95.99	-5.19	--	--	AV	288.00	200	Horizontal	N/A
5	7598.250	54.41	-0.38	74.0	19.59	Peak	305.00	100	Horizontal	Pass
5**	7598.250	44.89	-0.38	54.0	9.11	AV	305.00	100	Horizontal	Pass
6	11400.287	56.21	-3.46	74.0	17.79	Peak	136.00	150	Horizontal	Pass
6**	11400.287	51.47	-3.46	54.0	2.53	AV	136.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.200	36.75	-19.60	74.0	37.25	Peak	320.00	200	Vertical	Pass
1**	1510.200	27.11	-19.60	54.0	26.89	AV	320.00	200	Vertical	Pass
2	2784.300	43.36	-12.91	74.0	30.64	Peak	112.00	200	Vertical	Pass
2**	2784.300	33.66	-12.91	54.0	20.34	AV	112.00	200	Vertical	Pass
3	4369.500	48.04	-6.91	74.0	25.96	Peak	164.00	150	Vertical	Pass
3**	4369.500	38.78	-6.91	54.0	15.22	AV	164.00	150	Vertical	Pass
4	5698.750	98.33	-5.19	--	--	Peak	221.00	300	Vertical	N/A
4**	5698.750	91.35	-5.19	--	--	AV	221.00	300	Vertical	N/A
5	7516.750	54.19	-1.24	74.0	19.81	Peak	47.00	150	Vertical	Pass
5**	7516.750	44.58	-1.24	54.0	9.42	AV	47.00	150	Vertical	Pass
6	11398.150	55.79	-3.50	74.0	18.21	Peak	138.00	150	Vertical	Pass
6**	11398.150	51.14	-3.50	54.0	2.86	AV	138.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.000	37.45	-19.82	74.0	36.55	Peak	216.00	200	Horizontal	Pass
1**	1466.000	27.08	-19.82	54.0	26.92	AV	216.00	200	Horizontal	Pass
2	2733.700	44.45	-11.72	74.0	29.55	Peak	90.00	100	Horizontal	Pass
2**	2733.700	34.48	-11.72	54.0	19.52	AV	90.00	100	Horizontal	Pass
3	4338.250	47.90	-6.16	74.0	26.10	Peak	269.00	100	Horizontal	Pass
3**	4338.250	39.33	-6.16	54.0	14.67	AV	269.00	100	Horizontal	Pass
4	5507.750	101.99	-5.04	--	--	Peak	294.00	200	Horizontal	N/A
4**	5507.750	94.64	-5.04	--	--	AV	294.00	200	Horizontal	N/A
5	7497.000	53.96	-0.57	74.0	20.04	Peak	310.00	100	Horizontal	Pass
5**	7497.000	45.21	-0.57	54.0	8.79	AV	310.00	100	Horizontal	Pass
6	11018.625	56.59	-4.43	74.0	17.41	Peak	57.00	150	Horizontal	Pass
6**	11018.625	51.77	-4.43	54.0	2.23	AV	57.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.200	36.95	-19.82	74.0	37.05	Peak	65.00	100	Vertical	Pass
1**	1554.200	27.30	-19.82	54.0	26.70	AV	65.00	100	Vertical	Pass
2	2818.900	43.28	-12.85	74.0	30.72	Peak	351.00	100	Vertical	Pass
2**	2818.900	34.74	-12.85	54.0	19.26	AV	351.00	100	Vertical	Pass
3	4332.000	47.90	-6.05	74.0	26.10	Peak	181.00	150	Vertical	Pass
3**	4332.000	38.35	-6.05	54.0	15.65	AV	181.00	150	Vertical	Pass
4	5512.250	99.34	-5.24	--	--	Peak	346.00	200	Vertical	N/A
4**	5512.250	92.08	-5.24	--	--	AV	346.00	200	Vertical	N/A
5	7506.750	54.35	-1.14	74.0	19.65	Peak	239.00	150	Vertical	Pass
5**	7506.750	44.94	-1.14	54.0	9.06	AV	239.00	150	Vertical	Pass
6	11024.326	53.95	-4.52	74.0	20.05	Peak	120.00	150	Vertical	Pass
6**	11024.326	49.92	-4.52	54.0	4.08	AV	120.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.700	37.41	-19.90	74.0	36.59	Peak	250.00	100	Horizontal	Pass
1**	1574.700	26.90	-19.90	54.0	27.10	AV	250.00	100	Horizontal	Pass
2	2884.500	43.52	-12.26	74.0	30.48	Peak	345.00	400	Horizontal	Pass
2**	2884.500	34.34	-12.26	54.0	19.66	AV	345.00	400	Horizontal	Pass
3	4287.000	47.46	-6.73	74.0	26.54	Peak	185.00	200	Horizontal	Pass
3**	4287.000	37.59	-6.73	54.0	16.41	AV	185.00	200	Horizontal	Pass
4	5593.500	100.77	-5.28	--	--	Peak	292.00	100	Horizontal	N/A
4**	5593.500	93.15	-5.28	--	--	AV	292.00	100	Horizontal	N/A
5	7581.500	54.29	-1.41	74.0	19.71	Peak	46.00	100	Horizontal	Pass
5**	7581.500	45.78	-1.41	54.0	8.22	AV	46.00	100	Horizontal	Pass
6	11182.500	55.35	-3.54	74.0	18.65	Peak	49.00	150	Horizontal	Pass
6**	11182.500	51.48	-3.54	54.0	2.52	AV	49.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.400	36.81	-19.72	74.0	37.19	Peak	316.00	300	Vertical	Pass
1**	1446.400	27.69	-19.72	54.0	26.31	AV	316.00	300	Vertical	Pass
2	2849.600	43.34	-12.19	74.0	30.66	Peak	130.00	400	Vertical	Pass
2**	2849.600	34.17	-12.19	54.0	19.83	AV	130.00	400	Vertical	Pass
3	4317.500	47.42	-5.96	74.0	26.58	Peak	305.00	200	Vertical	Pass
3**	4317.500	37.99	-5.96	54.0	16.01	AV	305.00	200	Vertical	Pass
4	5584.750	96.51	-5.22	--	--	Peak	345.00	100	Vertical	N/A
4**	5584.750	88.71	-5.22	--	--	AV	345.00	100	Vertical	N/A
5	7588.750	54.05	-0.89	74.0	19.95	Peak	272.00	150	Vertical	Pass
5**	7588.750	45.55	-0.89	54.0	8.45	AV	272.00	150	Vertical	Pass
6	11185.825	58.09	-3.45	74.0	15.91	Peak	140.00	150	Vertical	Pass
6**	11185.825	51.95	-3.45	54.0	2.05	AV	140.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	36.86	-19.53	74.0	37.14	Peak	320.00	300	Horizontal	Pass
1**	1498.300	27.91	-19.53	54.0	26.09	AV	320.00	300	Horizontal	Pass
2	2865.000	43.64	-12.32	74.0	30.36	Peak	224.00	400	Horizontal	Pass
2**	2865.000	34.54	-12.32	54.0	19.46	AV	224.00	400	Horizontal	Pass
3	4342.000	47.37	-6.30	74.0	26.63	Peak	316.00	150	Horizontal	Pass
3**	4342.000	38.83	-6.30	54.0	15.17	AV	316.00	150	Horizontal	Pass
4	5672.750	101.62	-5.08	--	--	Peak	288.00	300	Horizontal	N/A
4**	5672.750	94.60	-5.08	--	--	AV	288.00	300	Horizontal	N/A
5	7502.750	54.71	-0.92	74.0	19.29	Peak	262.00	100	Horizontal	Pass
5**	7502.750	45.22	-0.92	54.0	8.78	AV	262.00	100	Horizontal	Pass
6	11334.025	55.44	-4.28	74.0	18.56	Peak	138.00	150	Horizontal	Pass
6**	11334.025	50.87	-4.28	54.0	3.13	AV	138.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.900	38.14	-19.71	74.0	35.86	Peak	329.00	300	Vertical	Pass
1**	1531.900	27.28	-19.71	54.0	26.72	AV	329.00	300	Vertical	Pass
2	2736.700	43.46	-11.94	74.0	30.54	Peak	124.00	300	Vertical	Pass
2**	2736.700	33.74	-11.94	54.0	20.26	AV	124.00	300	Vertical	Pass
3	4371.250	47.59	-7.02	74.0	26.41	Peak	14.00	100	Vertical	Pass
3**	4371.250	38.44	-7.02	54.0	15.56	AV	14.00	100	Vertical	Pass
4	5671.250	97.04	-5.08	--	--	Peak	228.00	200	Vertical	N/A
4**	5671.250	89.14	-5.08	--	--	AV	228.00	200	Vertical	N/A
5	7492.750	54.16	-0.43	74.0	19.84	Peak	220.00	100	Vertical	Pass
5**	7492.750	45.34	-0.43	54.0	8.66	AV	220.00	100	Vertical	Pass
6	11342.576	57.28	-4.34	74.0	16.72	Peak	137.00	150	Vertical	Pass
6**	11342.576	51.32	-4.34	54.0	2.68	AV	137.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.400	37.52	-19.58	74.0	36.48	Peak	90.00	200	Horizontal	Pass
1**	1509.400	27.68	-19.58	54.0	26.32	AV	90.00	200	Horizontal	Pass
2	2839.600	43.07	-12.50	74.0	30.93	Peak	252.00	150	Horizontal	Pass
2**	2839.600	34.66	-12.50	54.0	19.34	AV	252.00	150	Horizontal	Pass
3	4326.250	47.86	-5.95	74.0	26.14	Peak	270.00	100	Horizontal	Pass
3**	4326.250	38.06	-5.95	54.0	15.94	AV	270.00	100	Horizontal	Pass
4	5501.250	102.51	-4.82	--	--	Peak	287.00	100	Horizontal	N/A
4**	5501.250	95.28	-4.82	--	--	AV	287.00	100	Horizontal	N/A
5	8799.901	50.07	-3.96	68.2	18.13	Peak	327.00	150	Horizontal	Pass
5**	8799.901	44.66	-3.96	--	--	AV	327.00	150	Horizontal	N/A
6	10999.862	55.50	-4.16	74.0	18.50	Peak	61.00	150	Horizontal	Pass
6**	10999.862	51.53	-4.16	54.0	2.47	AV	61.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.400	36.91	-19.66	74.0	37.09	Peak	142.00	300	Vertical	Pass
1**	1481.400	27.57	-19.66	54.0	26.43	AV	142.00	300	Vertical	Pass
2	2729.000	43.64	-11.49	74.0	30.36	Peak	252.00	200	Vertical	Pass
2**	2729.000	34.61	-11.49	54.0	19.39	AV	252.00	200	Vertical	Pass
3	4329.750	48.67	-5.96	74.0	25.33	Peak	129.00	200	Vertical	Pass
3**	4329.750	38.85	-5.96	54.0	15.15	AV	129.00	200	Vertical	Pass
4	5501.250	99.54	-4.82	--	--	Peak	352.00	400	Vertical	N/A
4**	5501.250	92.28	-4.82	--	--	AV	352.00	400	Vertical	N/A
5	8800.137	50.55	-3.95	68.2	17.65	Peak	27.00	150	Vertical	Pass
5**	8800.137	46.21	-3.95	--	--	AV	27.00	150	Vertical	N/A
6	11003.425	51.73	-4.21	74.0	22.27	Peak	135.00	150	Vertical	Pass
6**	11003.425	50.26	-4.21	54.0	3.74	AV	135.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.500	36.96	-19.73	74.0	37.04	Peak	354.00	400	Horizontal	Pass
1**	1477.500	27.98	-19.73	54.0	26.02	AV	354.00	400	Horizontal	Pass
2	2837.000	43.53	-12.55	74.0	30.47	Peak	0.00	300	Horizontal	Pass
2**	2837.000	33.82	-12.55	54.0	20.18	AV	0.00	300	Horizontal	Pass
3	4340.000	47.51	-6.26	74.0	26.49	Peak	360.00	100	Horizontal	Pass
3**	4340.000	38.28	-6.26	54.0	15.72	AV	360.00	100	Horizontal	Pass
4	5580.750	101.08	-5.25	--	--	Peak	295.00	400	Horizontal	N/A
4**	5580.750	93.24	-5.25	--	--	AV	295.00	400	Horizontal	N/A
5	7683.750	54.81	-1.43	74.0	19.19	Peak	6.00	100	Horizontal	Pass
5**	7683.750	44.29	-1.43	54.0	9.71	AV	6.00	100	Horizontal	Pass
6	11163.975	55.69	-4.08	74.0	18.31	Peak	316.00	150	Horizontal	Pass
6**	11163.975	51.24	-4.08	54.0	2.76	AV	316.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.700	36.90	-19.79	74.0	37.10	Peak	360.00	150	Vertical	Pass
1**	1541.700	27.26	-19.79	54.0	26.74	AV	360.00	150	Vertical	Pass
2	2724.600	44.36	-11.71	74.0	29.64	Peak	210.00	200	Vertical	Pass
2**	2724.600	34.88	-11.71	54.0	19.12	AV	210.00	200	Vertical	Pass
3	4307.250	47.33	-6.32	74.0	26.67	Peak	127.00	200	Vertical	Pass
3**	4307.250	38.35	-6.32	54.0	15.65	AV	127.00	200	Vertical	Pass
4	5581.250	97.54	-5.24	--	--	Peak	343.00	100	Vertical	N/A
4**	5581.250	90.49	-5.24	--	--	AV	343.00	100	Vertical	N/A
5	7502.500	54.73	-0.90	74.0	19.27	Peak	100.00	150	Vertical	Pass
5**	7502.500	44.60	-0.90	54.0	9.40	AV	100.00	150	Vertical	Pass
6	11161.125	54.66	-4.16	74.0	19.34	Peak	147.00	100	Vertical	Pass
6**	11161.125	51.51	-4.16	54.0	2.49	AV	147.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.100	37.05	-19.70	74.0	36.95	Peak	317.00	100	Horizontal	Pass
1**	1460.100	28.81	-19.70	54.0	25.19	AV	317.00	100	Horizontal	Pass
2	2818.300	43.42	-12.87	74.0	30.58	Peak	0.00	200	Horizontal	Pass
2**	2818.300	34.44	-12.87	54.0	19.56	AV	0.00	200	Horizontal	Pass
3	4333.750	48.12	-6.12	74.0	25.88	Peak	314.00	100	Horizontal	Pass
3**	4333.750	39.72	-6.12	54.0	14.28	AV	314.00	100	Horizontal	Pass
4	5701.500	102.77	-5.25	--	--	Peak	289.00	300	Horizontal	N/A
4**	5701.500	95.67	-5.25	--	--	AV	289.00	300	Horizontal	N/A
5	7595.250	54.43	-0.48	74.0	19.57	Peak	91.00	100	Horizontal	Pass
5**	7595.250	45.32	-0.48	54.0	8.68	AV	91.00	100	Horizontal	Pass
6	11404.562	53.90	-3.40	74.0	20.10	Peak	26.00	150	Horizontal	Pass
6**	11404.562	51.56	-3.40	54.0	2.44	AV	26.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1380.200	37.70	-19.64	74.0	36.30	Peak	145.00	300	Vertical	Pass
1**	1380.200	27.30	-19.64	54.0	26.70	AV	145.00	300	Vertical	Pass
2	4142.000	47.14	-7.34	74.0	26.86	Peak	183.00	150	Vertical	Pass
2**	4142.000	37.57	-7.34	54.0	16.43	AV	183.00	150	Vertical	Pass
3	5698.750	97.96	-5.19	--	--	Peak	225.00	200	Vertical	N/A
3**	5698.750	90.40	-5.19	--	--	AV	225.00	200	Vertical	N/A
4	7483.750	54.40	-0.56	74.0	19.60	Peak	360.00	150	Vertical	Pass
4**	7483.750	44.83	-0.56	54.0	9.17	AV	360.00	150	Vertical	Pass
5	9120.050	48.73	-4.61	74.0	25.27	Peak	103.00	300	Vertical	Pass
5**	9120.050	45.56	-4.61	54.0	8.44	AV	103.00	300	Vertical	Pass
6	11402.424	55.63	-3.43	74.0	18.37	Peak	137.00	200	Vertical	Pass
6**	11402.424	50.75	-3.43	54.0	3.25	AV	137.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.500	37.34	-19.93	74.0	36.66	Peak	327.00	300	Horizontal	Pass
1**	1608.500	28.07	-19.93	54.0	25.93	AV	327.00	300	Horizontal	Pass
2	2858.000	43.59	-12.34	74.0	30.41	Peak	307.00	300	Horizontal	Pass
2**	2858.000	34.40	-12.34	54.0	19.60	AV	307.00	300	Horizontal	Pass
3	4357.500	47.45	-6.61	74.0	26.55	Peak	231.00	100	Horizontal	Pass
3**	4357.500	39.15	-6.61	54.0	14.85	AV	231.00	100	Horizontal	Pass
4	5512.500	101.66	-5.24	--	--	Peak	289.00	400	Horizontal	N/A
4**	5512.500	95.28	-5.24	--	--	AV	289.00	400	Horizontal	N/A
5	7497.250	54.31	-0.59	74.0	19.69	Peak	298.00	100	Horizontal	Pass
5**	7497.250	46.23	-0.59	54.0	7.77	AV	298.00	100	Horizontal	Pass
6	11020.287	55.74	-4.46	74.0	18.26	Peak	0.00	150	Horizontal	Pass
6**	11020.287	51.44	-4.46	54.0	2.56	AV	0.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.700	37.33	-19.94	74.0	36.67	Peak	219.00	300	Vertical	Pass
1**	1560.700	27.02	-19.94	54.0	26.98	AV	219.00	300	Vertical	Pass
2	2731.300	43.79	-11.58	74.0	30.21	Peak	360.00	100	Vertical	Pass
2**	2731.300	34.28	-11.58	54.0	19.72	AV	360.00	100	Vertical	Pass
3	4356.250	47.51	-6.65	74.0	26.49	Peak	34.00	150	Vertical	Pass
3**	4356.250	38.43	-6.65	54.0	15.57	AV	34.00	150	Vertical	Pass
4	5513.000	99.15	-5.24	--	--	Peak	345.00	400	Vertical	N/A
4**	5513.000	91.41	-5.24	--	--	AV	345.00	400	Vertical	N/A
5	8816.287	50.20	-3.95	68.2	18.00	Peak	52.00	150	Vertical	Pass
5**	8816.287	45.96	-3.95	--	--	AV	52.00	150	Vertical	N/A
6	11023.849	54.64	-4.51	74.0	19.36	Peak	142.00	150	Vertical	Pass
6**	11023.849	51.15	-4.51	54.0	2.85	AV	142.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.600	37.10	-19.76	74.0	36.90	Peak	147.00	400	Horizontal	Pass
1**	1441.600	28.25	-19.76	54.0	25.75	AV	147.00	400	Horizontal	Pass
2	2824.500	43.49	-12.68	74.0	30.51	Peak	81.00	400	Horizontal	Pass
2**	2824.500	33.40	-12.68	54.0	20.60	AV	81.00	400	Horizontal	Pass
3	4119.500	47.49	-7.05	74.0	26.51	Peak	0.00	200	Horizontal	Pass
3**	4119.500	37.60	-7.05	54.0	16.40	AV	0.00	200	Horizontal	Pass
4	5594.750	99.68	-5.27	--	--	Peak	292.00	400	Horizontal	N/A
4**	5594.750	92.08	-5.27	--	--	AV	292.00	400	Horizontal	N/A
5	7491.250	54.24	-0.35	74.0	19.76	Peak	19.00	200	Horizontal	Pass
5**	7491.250	45.46	-0.35	54.0	8.54	AV	19.00	200	Horizontal	Pass
6	11179.175	54.41	-3.64	74.0	19.59	Peak	59.00	150	Horizontal	Pass
6**	11179.175	50.57	-3.64	54.0	3.43	AV	59.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.500	37.47	-19.66	74.0	36.53	Peak	307.00	200	Vertical	Pass
1**	1481.500	27.23	-19.66	54.0	26.77	AV	307.00	200	Vertical	Pass
2	2790.000	44.13	-12.61	74.0	29.87	Peak	212.00	100	Vertical	Pass
2**	2790.000	33.60	-12.61	54.0	20.40	AV	212.00	100	Vertical	Pass
3	4339.000	47.20	-6.21	74.0	26.80	Peak	44.00	150	Vertical	Pass
3**	4339.000	38.52	-6.21	54.0	15.48	AV	44.00	150	Vertical	Pass
4	5587.000	96.22	-5.24	--	--	Peak	345.00	400	Vertical	N/A
4**	5587.000	88.40	-5.24	--	--	AV	345.00	400	Vertical	N/A
5	7532.500	53.94	-0.53	74.0	20.06	Peak	148.00	100	Vertical	Pass
5**	7532.500	45.13	-0.53	54.0	8.87	AV	148.00	100	Vertical	Pass
6	11180.125	55.50	-3.61	74.0	18.50	Peak	127.00	150	Vertical	Pass
6**	11180.125	51.35	-3.61	54.0	2.65	AV	127.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.400	36.84	-19.91	74.0	37.16	Peak	163.00	400	Horizontal	Pass
1**	1557.400	27.18	-19.91	54.0	26.82	AV	163.00	400	Horizontal	Pass
2	2854.600	43.52	-12.30	74.0	30.48	Peak	124.00	100	Horizontal	Pass
2**	2854.600	33.81	-12.30	54.0	20.19	AV	124.00	100	Horizontal	Pass
3	4346.000	47.53	-6.48	74.0	26.47	Peak	190.00	200	Horizontal	Pass
3**	4346.000	37.98	-6.48	54.0	16.02	AV	190.00	200	Horizontal	Pass
4	5667.000	102.13	-5.06	--	--	Peak	289.00	400	Horizontal	N/A
4**	5667.000	93.82	-5.06	--	--	AV	289.00	400	Horizontal	N/A
5	9072.075	49.23	-3.89	74.0	24.77	Peak	69.00	150	Horizontal	Pass
5**	9072.075	42.91	-3.89	54.0	11.09	AV	69.00	150	Horizontal	Pass
6	11339.963	55.97	-4.32	74.0	18.03	Peak	137.00	150	Horizontal	Pass
6**	11339.963	51.01	-4.32	54.0	2.99	AV	137.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.800	37.17	-19.63	74.0	36.83	Peak	324.00	200	Vertical	Pass
1**	1519.800	28.77	-19.63	54.0	25.23	AV	324.00	200	Vertical	Pass
2	2852.300	43.53	-12.17	74.0	30.47	Peak	0.00	400	Vertical	Pass
2**	2852.300	34.82	-12.17	54.0	19.18	AV	0.00	400	Vertical	Pass
3	4332.000	48.05	-6.05	74.0	25.95	Peak	199.00	200	Vertical	Pass
3**	4332.000	37.90	-6.05	54.0	16.10	AV	199.00	200	Vertical	Pass
4	5674.000	97.60	-5.08	--	--	Peak	224.00	400	Vertical	N/A
4**	5674.000	89.67	-5.08	--	--	AV	224.00	400	Vertical	N/A
5	9072.075	49.17	-3.89	74.0	24.83	Peak	102.00	150	Vertical	Pass
5**	9072.075	45.01	-3.89	54.0	8.99	AV	102.00	150	Vertical	Pass
6	11341.388	55.92	-4.33	74.0	18.08	Peak	136.00	150	Vertical	Pass
6**	11341.388	51.40	-4.33	54.0	2.60	AV	136.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.900	36.63	-19.57	74.0	37.37	Peak	214.00	300	Horizontal	Pass
1**	1487.900	27.21	-19.57	54.0	26.79	AV	214.00	300	Horizontal	Pass
2	2874.000	44.02	-12.40	74.0	29.98	Peak	139.00	300	Horizontal	Pass
2**	2874.000	33.76	-12.40	54.0	20.24	AV	139.00	300	Horizontal	Pass
3	4362.750	47.72	-6.67	74.0	26.28	Peak	273.00	150	Horizontal	Pass
3**	4362.750	37.38	-6.67	54.0	16.62	AV	273.00	150	Horizontal	Pass
4	5528.250	99.63	-5.32	--	--	Peak	290.00	200	Horizontal	N/A
4**	5528.250	92.26	-5.32	--	--	AV	290.00	200	Horizontal	N/A
5	7499.250	54.68	-0.71	74.0	19.32	Peak	174.00	150	Horizontal	Pass
5**	7499.250	46.38	-0.71	54.0	7.62	AV	174.00	150	Horizontal	Pass
6	11080.138	52.11	-4.87	74.0	21.89	Peak	3.00	150	Horizontal	Pass
6**	11080.138	50.56	-4.87	54.0	3.44	AV	3.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.500	37.18	-20.05	74.0	36.82	Peak	360.00	100	Vertical	Pass
1**	1583.500	28.02	-20.05	54.0	25.98	AV	360.00	100	Vertical	Pass
2	2887.000	43.83	-12.16	74.0	30.17	Peak	119.00	100	Vertical	Pass
2**	2887.000	35.73	-12.16	54.0	18.27	AV	119.00	100	Vertical	Pass
3	4353.250	47.16	-6.61	74.0	26.84	Peak	17.00	150	Vertical	Pass
3**	4353.250	37.77	-6.61	54.0	16.23	AV	17.00	150	Vertical	Pass
4	5522.000	96.09	-5.23	--	--	Peak	341.00	200	Vertical	N/A
4**	5522.000	88.47	-5.23	--	--	AV	341.00	200	Vertical	N/A
5	8847.875	49.10	-3.94	68.2	19.10	Peak	47.00	150	Vertical	Pass
5**	8847.875	43.37	-3.94	--	--	AV	47.00	150	Vertical	N/A
6	11086.550	54.73	-4.87	74.0	19.27	Peak	137.00	150	Vertical	Pass
6**	11086.550	50.08	-4.87	54.0	3.92	AV	137.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.900	36.93	-19.45	74.0	37.07	Peak	360.00	400	Horizontal	Pass
1**	1494.900	27.99	-19.45	54.0	26.01	AV	360.00	400	Horizontal	Pass
2	2857.900	43.42	-12.34	74.0	30.58	Peak	360.00	100	Horizontal	Pass
2**	2857.900	34.56	-12.34	54.0	19.44	AV	360.00	100	Horizontal	Pass
3	4367.250	47.78	-6.82	74.0	26.22	Peak	242.00	100	Horizontal	Pass
3**	4367.250	37.59	-6.82	54.0	16.41	AV	242.00	100	Horizontal	Pass
4	5606.000	98.88	-5.33	--	--	Peak	291.00	200	Horizontal	N/A
4**	5606.000	90.81	-5.33	--	--	AV	291.00	200	Horizontal	N/A
5	7495.250	54.19	-0.43	74.0	19.81	Peak	300.00	100	Horizontal	Pass
5**	7495.250	46.76	-0.43	54.0	7.24	AV	300.00	100	Horizontal	Pass
6	11234.513	53.23	-3.57	74.0	20.77	Peak	329.00	150	Horizontal	Pass
6**	11234.513	51.58	-3.57	54.0	2.42	AV	329.00	150	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.000	37.23	-19.61	74.0	36.77	Peak	300.00	300	Vertical	Pass
1**	1483.000	27.49	-19.61	54.0	26.51	AV	300.00	300	Vertical	Pass
2	2839.900	43.68	-12.49	74.0	30.32	Peak	29.00	400	Vertical	Pass
2**	2839.900	33.86	-12.49	54.0	20.14	AV	29.00	400	Vertical	Pass
3	4339.250	47.18	-6.22	74.0	26.82	Peak	51.00	150	Vertical	Pass
3**	4339.250	39.15	-6.22	54.0	14.85	AV	51.00	150	Vertical	Pass
4	5596.250	94.17	-5.25	--	--	Peak	225.00	200	Vertical	N/A
4**	5596.250	86.53	-5.25	--	--	AV	225.00	200	Vertical	N/A
5	7495.750	54.29	-0.47	74.0	19.71	Peak	174.00	200	Vertical	Pass
5**	7495.750	46.02	-0.47	54.0	7.98	AV	174.00	200	Vertical	Pass
6	11238.787	54.15	-3.64	74.0	19.85	Peak	136.00	150	Vertical	Pass
6**	11238.787	51.87	-3.64	54.0	2.13	AV	136.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.000	37.52	-19.57	74.0	36.48	Peak	343.00	400	Horizontal	Pass
1**	1517.000	28.63	-19.57	54.0	25.37	AV	343.00	400	Horizontal	Pass
2	2734.400	44.16	-11.79	74.0	29.84	Peak	69.00	200	Horizontal	Pass
2**	2734.400	33.80	-11.79	54.0	20.20	AV	69.00	200	Horizontal	Pass
3	4299.500	47.80	-6.60	74.0	26.20	Peak	282.00	100	Horizontal	Pass
3**	4299.500	37.87	-6.60	54.0	16.13	AV	282.00	100	Horizontal	Pass
4	5746.500	103.40	-5.27	--	--	Peak	290.00	300	Horizontal	N/A
4**	5746.500	96.48	-5.27	--	--	AV	290.00	300	Horizontal	N/A
5	7497.250	54.74	-0.59	74.0	19.26	Peak	360.00	150	Horizontal	Pass
5**	7497.250	45.93	-0.59	54.0	8.07	AV	360.00	150	Horizontal	Pass
6	11495.763	55.71	-3.98	74.0	18.29	Peak	138.00	150	Horizontal	Pass
6**	11495.763	51.43	-3.98	54.0	2.57	AV	138.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	37.03	-19.66	74.0	36.97	Peak	360.00	400	Vertical	Pass
1**	1513.700	27.90	-19.66	54.0	26.10	AV	360.00	400	Vertical	Pass
2	2849.100	43.97	-12.20	74.0	30.03	Peak	205.00	100	Vertical	Pass
2**	2849.100	33.66	-12.20	54.0	20.34	AV	205.00	100	Vertical	Pass
3	4219.500	47.41	-7.68	74.0	26.59	Peak	134.00	100	Vertical	Pass
3**	4219.500	38.66	-7.68	54.0	15.34	AV	134.00	100	Vertical	Pass
4	5743.750	99.18	-5.35	--	--	Peak	221.00	300	Vertical	N/A
4**	5743.750	91.67	-5.35	--	--	AV	221.00	300	Vertical	N/A
5	7550.500	53.98	-1.16	74.0	20.02	Peak	360.00	100	Vertical	Pass
5**	7550.500	44.83	-1.16	54.0	9.17	AV	360.00	100	Vertical	Pass
6	11484.363	54.50	-3.68	74.0	19.50	Peak	139.00	150	Vertical	Pass
6**	11484.363	51.33	-3.68	54.0	2.67	AV	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.400	36.88	-19.91	74.0	37.12	Peak	358.00	200	Horizontal	Pass
1**	1565.400	27.36	-19.91	54.0	26.64	AV	358.00	200	Horizontal	Pass
2	2822.500	43.69	-12.75	74.0	30.31	Peak	179.00	100	Horizontal	Pass
2**	2822.500	34.70	-12.75	54.0	19.30	AV	179.00	100	Horizontal	Pass
3	4201.000	47.62	-7.48	74.0	26.38	Peak	101.00	200	Horizontal	Pass
3**	4201.000	38.26	-7.48	54.0	15.74	AV	101.00	200	Horizontal	Pass
4	5783.750	101.24	-4.69	--	--	Peak	285.00	400	Horizontal	N/A
4**	5783.750	93.28	-4.69	--	--	AV	285.00	400	Horizontal	N/A
5	7486.250	54.39	-0.38	74.0	19.61	Peak	83.00	100	Horizontal	Pass
5**	7486.250	45.95	-0.38	54.0	8.05	AV	83.00	100	Horizontal	Pass
6	11569.388	56.38	-3.34	74.0	17.62	Peak	145.00	150	Horizontal	Pass
6**	11569.388	50.98	-3.34	54.0	3.02	AV	145.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.200	36.94	-19.67	74.0	37.06	Peak	360.00	100	Vertical	Pass
1**	1529.200	28.04	-19.67	54.0	25.96	AV	360.00	100	Vertical	Pass
2	2856.700	43.45	-12.34	74.0	30.55	Peak	325.00	200	Vertical	Pass
2**	2856.700	34.40	-12.34	54.0	19.60	AV	325.00	200	Vertical	Pass
3	4337.750	47.80	-6.12	74.0	26.20	Peak	260.00	200	Vertical	Pass
3**	4337.750	38.96	-6.12	54.0	15.04	AV	260.00	200	Vertical	Pass
4	5787.250	96.12	-4.73	--	--	Peak	221.00	200	Vertical	N/A
4**	5787.250	89.05	-4.73	--	--	AV	221.00	200	Vertical	N/A
5	7489.500	55.32	-0.33	74.0	18.68	Peak	35.00	100	Vertical	Pass
5**	7489.500	46.05	-0.33	54.0	7.95	AV	35.00	100	Vertical	Pass
6	11570.099	54.02	-3.33	74.0	19.98	Peak	34.00	150	Vertical	Pass
6**	11570.099	50.00	-3.33	54.0	4.00	AV	34.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.600	36.83	-19.72	74.0	37.17	Peak	100.00	400	Horizontal	Pass
1**	1444.600	26.67	-19.72	54.0	27.33	AV	100.00	400	Horizontal	Pass
2	2886.300	43.89	-12.19	74.0	30.11	Peak	360.00	400	Horizontal	Pass
2**	2886.300	34.29	-12.19	54.0	19.71	AV	360.00	400	Horizontal	Pass
3	4344.000	47.61	-6.30	74.0	26.39	Peak	319.00	100	Horizontal	Pass
3**	4344.000	39.11	-6.30	54.0	14.89	AV	319.00	100	Horizontal	Pass
4	5826.250	102.11	-4.78	--	--	Peak	289.00	200	Horizontal	N/A
4**	5826.250	94.04	-4.78	--	--	AV	289.00	200	Horizontal	N/A
5	7598.000	54.43	-0.39	74.0	19.57	Peak	55.00	150	Horizontal	Pass
5**	7598.000	45.43	-0.39	54.0	8.57	AV	55.00	150	Horizontal	Pass
6	11648.000	56.98	-2.93	74.0	17.02	Peak	35.00	150	Horizontal	Pass
6**	11648.000	51.79	-2.93	54.0	2.21	AV	35.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.700	37.01	-19.81	74.0	36.99	Peak	92.00	200	Vertical	Pass
1**	1545.700	27.73	-19.81	54.0	26.27	AV	92.00	200	Vertical	Pass
2	2846.000	43.61	-12.27	74.0	30.39	Peak	23.00	300	Vertical	Pass
2**	2846.000	35.67	-12.27	54.0	18.33	AV	23.00	300	Vertical	Pass
3	4339.000	48.09	-6.21	74.0	25.91	Peak	111.00	100	Vertical	Pass
3**	4339.000	38.70	-6.21	54.0	15.30	AV	111.00	100	Vertical	Pass
4	5822.500	97.28	-4.69	--	--	Peak	316.00	400	Vertical	N/A
4**	5822.500	89.94	-4.69	--	--	AV	316.00	400	Vertical	N/A
5	7494.250	54.22	-0.41	74.0	19.78	Peak	188.00	150	Vertical	Pass
5**	7494.250	46.01	-0.41	54.0	7.99	AV	188.00	150	Vertical	Pass
6	11652.037	52.37	-2.95	74.0	21.63	Peak	154.00	150	Vertical	Pass
6**	11652.037	50.44	-2.95	54.0	3.56	AV	154.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.500	36.73	-19.97	74.0	37.27	Peak	0.00	100	Horizontal	Pass
1**	1568.500	27.52	-19.97	54.0	26.48	AV	0.00	100	Horizontal	Pass
2	2888.200	43.16	-12.12	74.0	30.84	Peak	120.00	400	Horizontal	Pass
2**	2888.200	34.28	-12.12	54.0	19.72	AV	120.00	400	Horizontal	Pass
3	4341.250	47.33	-6.32	74.0	26.67	Peak	0.00	200	Horizontal	Pass
3**	4341.250	38.59	-6.32	54.0	15.41	AV	0.00	200	Horizontal	Pass
4	5747.250	101.77	-5.28	--	--	Peak	288.00	100	Horizontal	N/A
4**	5747.250	95.25	-5.28	--	--	AV	288.00	100	Horizontal	N/A
5	7502.250	54.36	-0.88	74.0	19.64	Peak	162.00	150	Horizontal	Pass
5**	7502.250	46.03	-0.88	54.0	7.97	AV	162.00	150	Horizontal	Pass
6	11488.874	55.98	-3.80	74.0	18.02	Peak	38.00	150	Horizontal	Pass
6**	11488.874	50.80	-3.80	54.0	3.20	AV	38.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.300	36.96	-19.77	74.0	37.04	Peak	0.00	200	Vertical	Pass
1**	1470.300	27.47	-19.77	54.0	26.53	AV	0.00	200	Vertical	Pass
2	2879.800	43.41	-12.30	74.0	30.59	Peak	20.00	400	Vertical	Pass
2**	2879.800	33.93	-12.30	54.0	20.07	AV	20.00	400	Vertical	Pass
3	4352.000	48.08	-6.62	74.0	25.92	Peak	316.00	150	Vertical	Pass
3**	4352.000	38.11	-6.62	54.0	15.89	AV	316.00	150	Vertical	Pass
4	5746.750	98.28	-5.28	--	--	Peak	345.00	400	Vertical	N/A
4**	5746.750	90.50	-5.28	--	--	AV	345.00	400	Vertical	N/A
5	7497.000	54.93	-0.57	74.0	19.07	Peak	360.00	100	Vertical	Pass
5**	7497.000	45.81	-0.57	54.0	8.19	AV	360.00	100	Vertical	Pass
6	11490.775	54.16	-3.85	74.0	19.84	Peak	135.00	150	Vertical	Pass
6**	11490.775	50.63	-3.85	54.0	3.37	AV	135.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.200	37.58	-19.60	74.0	36.42	Peak	226.00	300	Horizontal	Pass
1**	1518.200	27.55	-19.60	54.0	26.45	AV	226.00	300	Horizontal	Pass
2	2877.900	43.29	-12.38	74.0	30.71	Peak	254.00	200	Horizontal	Pass
2**	2877.900	33.62	-12.38	54.0	20.38	AV	254.00	200	Horizontal	Pass
3	4338.250	47.70	-6.16	74.0	26.30	Peak	160.00	150	Horizontal	Pass
3**	4338.250	38.83	-6.16	54.0	15.17	AV	160.00	150	Horizontal	Pass
4	5783.750	100.75	-4.69	--	--	Peak	287.00	200	Horizontal	N/A
4**	5783.750	93.90	-4.69	--	--	AV	287.00	200	Horizontal	N/A
5	7601.000	54.27	-0.41	74.0	19.73	Peak	355.00	100	Horizontal	Pass
5**	7601.000	45.56	-0.41	54.0	8.44	AV	355.00	100	Horizontal	Pass
6	11577.463	53.03	-3.24	74.0	20.97	Peak	130.00	150	Horizontal	Pass
6**	11577.463	50.47	-3.24	54.0	3.53	AV	130.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.100	37.49	-19.74	74.0	36.51	Peak	14.00	300	Vertical	Pass
1**	1477.100	27.24	-19.74	54.0	26.76	AV	14.00	300	Vertical	Pass
2	2883.200	43.48	-12.28	74.0	30.52	Peak	360.00	400	Vertical	Pass
2**	2883.200	34.18	-12.28	54.0	19.82	AV	360.00	400	Vertical	Pass
3	3647.000	47.72	-7.58	74.0	26.28	Peak	255.00	150	Vertical	Pass
3**	3647.000	36.83	-7.58	54.0	17.17	AV	255.00	150	Vertical	Pass
4	5782.750	97.27	-4.71	--	--	Peak	226.00	100	Vertical	N/A
4**	5782.750	89.07	-4.71	--	--	AV	226.00	100	Vertical	N/A
5	7593.250	54.41	-0.58	74.0	19.59	Peak	125.00	200	Vertical	Pass
5**	7593.250	45.29	-0.58	54.0	8.71	AV	125.00	200	Vertical	Pass
6	11570.575	53.76	-3.32	74.0	20.24	Peak	137.00	150	Vertical	Pass
6**	11570.575	49.05	-3.32	54.0	4.95	AV	137.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.400	36.89	-19.83	74.0	37.11	Peak	262.00	400	Horizontal	Pass
1**	1554.400	28.68	-19.83	54.0	25.32	AV	262.00	400	Horizontal	Pass
2	2845.500	43.12	-12.28	74.0	30.88	Peak	0.00	400	Horizontal	Pass
2**	2845.500	33.72	-12.28	54.0	20.28	AV	0.00	400	Horizontal	Pass
3	4318.000	47.94	-5.94	74.0	26.06	Peak	121.00	100	Horizontal	Pass
3**	4318.000	38.61	-5.94	54.0	15.39	AV	121.00	100	Horizontal	Pass
4	5823.750	101.94	-4.72	--	--	Peak	285.00	400	Horizontal	N/A
4**	5823.750	94.14	-4.72	--	--	AV	285.00	400	Horizontal	N/A
5	7594.750	54.46	-0.49	74.0	19.54	Peak	276.00	150	Horizontal	Pass
5**	7594.750	45.68	-0.49	54.0	8.32	AV	276.00	150	Horizontal	Pass
6	11651.325	56.95	-2.94	74.0	17.05	Peak	30.00	150	Horizontal	Pass
6**	11651.325	51.85	-2.94	54.0	2.15	AV	30.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.200	36.72	-19.54	74.0	37.28	Peak	320.00	200	Vertical	Pass
1**	1503.200	27.84	-19.54	54.0	26.16	AV	320.00	200	Vertical	Pass
2	2791.000	43.68	-12.58	74.0	30.32	Peak	250.00	300	Vertical	Pass
2**	2791.000	33.99	-12.58	54.0	20.01	AV	250.00	300	Vertical	Pass
3	4175.500	47.47	-6.84	74.0	26.53	Peak	294.00	200	Vertical	Pass
3**	4175.500	37.99	-6.84	54.0	16.01	AV	294.00	200	Vertical	Pass
4	5823.500	97.44	-4.71	--	--	Peak	227.00	200	Vertical	N/A
4**	5823.500	90.10	-4.71	--	--	AV	227.00	200	Vertical	N/A
5	7490.500	54.17	-0.32	74.0	19.83	Peak	360.00	150	Vertical	Pass
5**	7490.500	45.52	-0.32	54.0	8.48	AV	360.00	150	Vertical	Pass
6	11651.325	54.18	-2.94	74.0	19.82	Peak	135.00	150	Vertical	Pass
6**	11651.325	50.24	-2.94	54.0	3.76	AV	135.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.400	37.26	-19.93	74.0	36.74	Peak	96.00	100	Horizontal	Pass
1**	1608.400	27.41	-19.93	54.0	26.59	AV	96.00	100	Horizontal	Pass
2	2732.700	43.30	-11.63	74.0	30.70	Peak	73.00	100	Horizontal	Pass
2**	2732.700	34.58	-11.63	54.0	19.42	AV	73.00	100	Horizontal	Pass
3	4338.500	47.69	-6.17	74.0	26.31	Peak	135.00	100	Horizontal	Pass
3**	4338.500	39.03	-6.17	54.0	14.97	AV	135.00	100	Horizontal	Pass
4	5757.750	101.97	-5.08	--	--	Peak	291.00	300	Horizontal	N/A
4**	5757.750	94.43	-5.08	--	--	AV	291.00	300	Horizontal	N/A
5	7546.500	54.12	-0.63	74.0	19.88	Peak	106.00	200	Horizontal	Pass
5**	7546.500	44.91	-0.63	54.0	9.09	AV	106.00	200	Horizontal	Pass
6	11508.825	55.50	-4.00	74.0	18.50	Peak	32.00	150	Horizontal	Pass
6**	11508.825	51.89	-4.00	54.0	2.11	AV	32.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	36.88	-19.50	74.0	37.12	Peak	274.00	300	Vertical	Pass
1**	1496.000	27.52	-19.50	54.0	26.48	AV	274.00	300	Vertical	Pass
2	2773.700	43.41	-12.95	74.0	30.59	Peak	197.00	200	Vertical	Pass
2**	2773.700	33.48	-12.95	54.0	20.52	AV	197.00	200	Vertical	Pass
3	4335.500	47.95	-6.13	74.0	26.05	Peak	180.00	100	Vertical	Pass
3**	4335.500	39.07	-6.13	54.0	14.93	AV	180.00	100	Vertical	Pass
4	5757.750	98.21	-5.08	--	--	Peak	222.00	300	Vertical	N/A
4**	5757.750	90.30	-5.08	--	--	AV	222.00	300	Vertical	N/A
5	7528.750	54.30	-0.77	74.0	19.70	Peak	73.00	200	Vertical	Pass
5**	7528.750	45.27	-0.77	54.0	8.73	AV	73.00	200	Vertical	Pass
6	11506.450	55.32	-4.03	74.0	18.68	Peak	130.00	150	Vertical	Pass
6**	11506.450	50.08	-4.03	54.0	3.92	AV	130.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.300	36.95	-19.66	74.0	37.05	Peak	233.00	100	Horizontal	Pass
1**	1514.300	29.33	-19.66	54.0	24.67	AV	233.00	100	Horizontal	Pass
2	2793.000	43.43	-12.55	74.0	30.57	Peak	251.00	400	Horizontal	Pass
2**	2793.000	34.61	-12.55	54.0	19.39	AV	251.00	400	Horizontal	Pass
3	4339.000	47.61	-6.21	74.0	26.39	Peak	113.00	150	Horizontal	Pass
3**	4339.000	38.44	-6.21	54.0	15.56	AV	113.00	150	Horizontal	Pass
4	5792.500	101.16	-4.74	--	--	Peak	286.00	200	Horizontal	N/A
4**	5792.500	93.20	-4.74	--	--	AV	286.00	200	Horizontal	N/A
5	7492.250	54.60	-0.40	74.0	19.40	Peak	97.00	150	Horizontal	Pass
5**	7492.250	45.57	-0.40	54.0	8.43	AV	97.00	150	Horizontal	Pass
6	11591.238	56.41	-3.07	74.0	17.59	Peak	27.00	150	Horizontal	Pass
6**	11591.238	51.97	-3.07	54.0	2.03	AV	27.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.500	36.82	-19.61	74.0	37.18	Peak	0.00	400	Vertical	Pass
1**	1527.500	27.58	-19.61	54.0	26.42	AV	0.00	400	Vertical	Pass
2	4331.750	47.59	-6.04	74.0	26.41	Peak	154.00	100	Vertical	Pass
2**	4331.750	38.96	-6.04	54.0	15.04	AV	154.00	100	Vertical	Pass
3	5797.750	97.23	-4.68	--	--	Peak	227.00	200	Vertical	N/A
3**	5797.750	89.50	-4.68	--	--	AV	227.00	200	Vertical	N/A
4	7504.500	54.08	-1.01	74.0	19.92	Peak	31.00	100	Vertical	Pass
4**	7504.500	45.26	-1.01	54.0	8.74	AV	31.00	100	Vertical	Pass
5	11589.576	55.43	-3.09	74.0	18.57	Peak	138.00	150	Vertical	Pass
5**	11589.576	49.99	-3.09	54.0	4.01	AV	138.00	150	Vertical	Pass
6	17551.651	57.30	6.48	68.2	10.90	Peak	360.00	150	Vertical	Pass
6**	17551.651	46.58	6.48	--	--	AV	360.00	150	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.000	41.92	-19.92	74.0	32.08	Peak	0.00	400	Horizontal	Pass
1**	1608.000	27.67	-19.92	54.0	26.33	AV	0.00	400	Horizontal	Pass
2	2856.800	43.57	-12.34	74.0	30.43	Peak	77.00	200	Horizontal	Pass
2**	2856.800	34.55	-12.34	54.0	19.45	AV	77.00	200	Horizontal	Pass
3	4314.500	47.31	-6.00	74.0	26.69	Peak	153.00	200	Horizontal	Pass
3**	4314.500	38.12	-6.00	54.0	15.88	AV	153.00	200	Horizontal	Pass
4	5747.000	103.24	-5.28	--	--	Peak	293.00	100	Horizontal	N/A
4**	5747.000	95.82	-5.28	--	--	AV	293.00	100	Horizontal	N/A
5	7510.000	55.52	-1.29	74.0	18.48	Peak	121.00	150	Horizontal	Pass
5**	7510.000	45.07	-1.29	54.0	8.93	AV	121.00	150	Horizontal	Pass
6	11489.588	55.20	-3.81	74.0	18.80	Peak	133.00	150	Horizontal	Pass
6**	11489.588	50.77	-3.81	54.0	3.23	AV	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	36.98	-19.42	74.0	37.02	Peak	0.00	400	Vertical	Pass
1**	1494.100	27.58	-19.42	54.0	26.42	AV	0.00	400	Vertical	Pass
2	2861.700	43.59	-12.40	74.0	30.41	Peak	349.00	400	Vertical	Pass
2**	2861.700	35.14	-12.40	54.0	18.86	AV	349.00	400	Vertical	Pass
3	4325.750	48.15	-5.94	74.0	25.85	Peak	193.00	150	Vertical	Pass
3**	4325.750	38.43	-5.94	54.0	15.57	AV	193.00	150	Vertical	Pass
4	5743.500	98.51	-5.34	--	--	Peak	226.00	300	Vertical	N/A
4**	5743.500	90.39	-5.34	--	--	AV	226.00	300	Vertical	N/A
5	7673.000	54.97	-1.42	74.0	19.03	Peak	88.00	100	Vertical	Pass
5**	7673.000	43.91	-1.42	54.0	10.09	AV	88.00	100	Vertical	Pass
6	11489.825	57.49	-3.82	74.0	16.51	Peak	132.00	150	Vertical	Pass
6**	11489.825	51.19	-3.82	54.0	2.81	AV	132.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.600	37.53	-19.76	74.0	36.47	Peak	127.00	400	Horizontal	Pass
1**	1470.600	27.69	-19.76	54.0	26.31	AV	127.00	400	Horizontal	Pass
2	2727.000	43.74	-11.58	74.0	30.26	Peak	166.00	200	Horizontal	Pass
2**	2727.000	33.98	-11.58	54.0	20.02	AV	166.00	200	Horizontal	Pass
3	4353.000	47.40	-6.61	74.0	26.60	Peak	316.00	100	Horizontal	Pass
3**	4353.000	38.68	-6.61	54.0	15.32	AV	316.00	100	Horizontal	Pass
4	5782.000	100.67	-4.71	--	--	Peak	291.00	400	Horizontal	N/A
4**	5782.000	92.86	-4.71	--	--	AV	291.00	400	Horizontal	N/A
5	7500.250	54.61	-0.75	74.0	19.39	Peak	291.00	150	Horizontal	Pass
5**	7500.250	46.33	-0.75	54.0	7.67	AV	291.00	150	Horizontal	Pass
6	11569.863	57.12	-3.33	74.0	16.88	Peak	30.00	150	Horizontal	Pass
6**	11569.863	51.95	-3.33	54.0	2.05	AV	30.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.200	37.99	-19.56	74.0	36.01	Peak	76.00	100	Vertical	Pass
1**	1505.200	27.73	-19.56	54.0	26.27	AV	76.00	100	Vertical	Pass
2	2852.600	43.93	-12.19	74.0	30.07	Peak	360.00	300	Vertical	Pass
2**	2852.600	34.02	-12.19	54.0	19.98	AV	360.00	300	Vertical	Pass
3	4344.750	47.97	-6.38	74.0	26.03	Peak	323.00	150	Vertical	Pass
3**	4344.750	39.75	-6.38	54.0	14.25	AV	323.00	150	Vertical	Pass
4	5783.750	96.54	-4.69	--	--	Peak	232.00	100	Vertical	N/A
4**	5783.750	89.53	-4.69	--	--	AV	232.00	100	Vertical	N/A
5	7491.250	54.68	-0.35	74.0	19.32	Peak	159.00	100	Vertical	Pass
5**	7491.250	45.94	-0.35	54.0	8.06	AV	159.00	100	Vertical	Pass
6	11570.575	53.85	-3.32	74.0	20.15	Peak	136.00	150	Vertical	Pass
6**	11570.575	50.10	-3.32	54.0	3.90	AV	136.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.800	37.55	-20.04	74.0	36.45	Peak	194.00	300	Horizontal	Pass
1**	1583.800	27.58	-20.04	54.0	26.42	AV	194.00	300	Horizontal	Pass
2	2723.000	43.60	-11.83	74.0	30.40	Peak	185.00	400	Horizontal	Pass
2**	2723.000	34.82	-11.83	54.0	19.18	AV	185.00	400	Horizontal	Pass
3	4324.500	48.21	-5.93	74.0	25.79	Peak	13.00	200	Horizontal	Pass
3**	4324.500	39.34	-5.93	54.0	14.66	AV	13.00	200	Horizontal	Pass
4	5822.750	100.00	-4.69	--	--	Peak	292.00	300	Horizontal	N/A
4**	5822.750	92.88	-4.69	--	--	AV	292.00	300	Horizontal	N/A
5	7497.750	54.32	-0.62	74.0	19.68	Peak	0.00	200	Horizontal	Pass
5**	7497.750	46.32	-0.62	54.0	7.68	AV	0.00	200	Horizontal	Pass
6	11653.463	56.93	-2.96	74.0	17.07	Peak	132.00	150	Horizontal	Pass
6**	11653.463	51.34	-2.96	54.0	2.66	AV	132.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.800	37.24	-19.80	74.0	36.76	Peak	215.00	400	Vertical	Pass
1**	1545.800	28.47	-19.80	54.0	25.53	AV	215.00	400	Vertical	Pass
2	2876.700	44.07	-12.38	74.0	29.93	Peak	195.00	300	Vertical	Pass
2**	2876.700	34.33	-12.38	54.0	19.67	AV	195.00	300	Vertical	Pass
3	4348.500	48.12	-6.54	74.0	25.88	Peak	0.00	100	Vertical	Pass
3**	4348.500	39.05	-6.54	54.0	14.95	AV	0.00	100	Vertical	Pass
4	5822.750	96.02	-4.69	--	--	Peak	318.00	400	Vertical	N/A
4**	5822.750	89.06	-4.69	--	--	AV	318.00	400	Vertical	N/A
5	7497.000	54.30	-0.57	74.0	19.70	Peak	252.00	200	Vertical	Pass
5**	7497.000	45.66	-0.57	54.0	8.34	AV	252.00	200	Vertical	Pass
6	11650.612	53.70	-2.93	74.0	20.30	Peak	143.00	150	Vertical	Pass
6**	11650.612	48.00	-2.93	54.0	6.00	AV	143.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.400	37.11	-19.72	74.0	36.89	Peak	258.00	400	Horizontal	Pass
1**	1458.400	27.50	-19.72	54.0	26.50	AV	258.00	400	Horizontal	Pass
2	2703.500	43.37	-12.73	74.0	30.63	Peak	167.00	200	Horizontal	Pass
2**	2703.500	34.04	-12.73	54.0	19.96	AV	167.00	200	Horizontal	Pass
3	4344.000	48.10	-6.30	74.0	25.90	Peak	21.00	100	Horizontal	Pass
3**	4344.000	38.35	-6.30	54.0	15.65	AV	21.00	100	Horizontal	Pass
4	5750.500	101.53	-5.24	--	--	Peak	292.00	400	Horizontal	N/A
4**	5750.500	93.32	-5.24	--	--	AV	292.00	400	Horizontal	N/A
5	7531.500	55.71	-0.61	74.0	18.29	Peak	350.00	100	Horizontal	Pass
5**	7531.500	45.98	-0.61	54.0	8.02	AV	350.00	100	Horizontal	Pass
6	11504.787	55.95	-4.04	74.0	18.05	Peak	36.00	150	Horizontal	Pass
6**	11504.787	51.74	-4.04	54.0	2.26	AV	36.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.300	37.18	-19.74	74.0	36.82	Peak	244.00	200	Vertical	Pass
1**	1452.300	28.12	-19.74	54.0	25.88	AV	244.00	200	Vertical	Pass
2	2790.500	44.22	-12.59	74.0	29.78	Peak	134.00	300	Vertical	Pass
2**	2790.500	33.96	-12.59	54.0	20.04	AV	134.00	300	Vertical	Pass
3	4344.500	47.91	-6.35	74.0	26.09	Peak	111.00	150	Vertical	Pass
3**	4344.500	38.44	-6.35	54.0	15.56	AV	111.00	150	Vertical	Pass
4	5754.000	98.50	-5.25	--	--	Peak	226.00	200	Vertical	N/A
4**	5754.000	90.72	-5.25	--	--	AV	226.00	200	Vertical	N/A
5	7591.500	54.55	-0.70	74.0	19.45	Peak	323.00	100	Vertical	Pass
5**	7591.500	45.40	-0.70	54.0	8.60	AV	323.00	100	Vertical	Pass
6	11511.675	55.37	-3.97	74.0	18.63	Peak	130.00	150	Vertical	Pass
6**	11511.675	49.99	-3.97	54.0	4.01	AV	130.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.900	37.58	-19.99	74.0	36.42	Peak	304.00	200	Horizontal	Pass
1**	1592.900	27.62	-19.99	54.0	26.38	AV	304.00	200	Horizontal	Pass
2	2771.300	43.97	-12.86	74.0	30.03	Peak	194.00	100	Horizontal	Pass
2**	2771.300	33.82	-12.86	54.0	20.18	AV	194.00	100	Horizontal	Pass
3	4323.500	47.80	-5.92	74.0	26.20	Peak	286.00	200	Horizontal	Pass
3**	4323.500	39.44	-5.92	54.0	14.56	AV	286.00	200	Horizontal	Pass
4	5792.750	100.75	-4.74	--	--	Peak	294.00	300	Horizontal	N/A
4**	5792.750	93.15	-4.74	--	--	AV	294.00	300	Horizontal	N/A
5	7494.750	54.81	-0.40	74.0	19.19	Peak	219.00	200	Horizontal	Pass
5**	7494.750	45.43	-0.40	54.0	8.57	AV	219.00	200	Horizontal	Pass
6	11590.287	55.20	-3.08	74.0	18.80	Peak	26.00	150	Horizontal	Pass
6**	11590.287	51.25	-3.08	54.0	2.75	AV	26.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.500	37.65	-19.73	74.0	36.35	Peak	0.00	300	Vertical	Pass
1**	1454.500	27.43	-19.73	54.0	26.57	AV	0.00	300	Vertical	Pass
2	2854.600	43.56	-12.30	74.0	30.44	Peak	117.00	200	Vertical	Pass
2**	2854.600	35.37	-12.30	54.0	18.63	AV	117.00	200	Vertical	Pass
3	4369.250	47.53	-6.90	74.0	26.47	Peak	276.00	100	Vertical	Pass
3**	4369.250	37.98	-6.90	54.0	16.02	AV	276.00	100	Vertical	Pass
4	5796.750	96.93	-4.66	--	--	Peak	226.00	200	Vertical	N/A
4**	5796.750	88.37	-4.66	--	--	AV	226.00	200	Vertical	N/A
5	7495.250	55.12	-0.43	74.0	18.88	Peak	301.00	100	Vertical	Pass
5**	7495.250	45.83	-0.43	54.0	8.17	AV	301.00	100	Vertical	Pass
6	11591.474	54.16	-3.06	74.0	19.84	Peak	128.00	150	Vertical	Pass
6**	11591.474	50.10	-3.06	54.0	3.90	AV	128.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	37.07	-19.50	74.0	36.93	Peak	263.00	300	Horizontal	Pass
1**	1499.100	27.81	-19.50	54.0	26.19	AV	263.00	300	Horizontal	Pass
2	2726.000	43.47	-11.65	74.0	30.53	Peak	243.00	400	Horizontal	Pass
2**	2726.000	34.40	-11.65	54.0	19.60	AV	243.00	400	Horizontal	Pass
3	4318.250	47.74	-5.95	74.0	26.26	Peak	120.00	150	Horizontal	Pass
3**	4318.250	38.61	-5.95	54.0	15.39	AV	120.00	150	Horizontal	Pass
4	5781.500	99.07	-4.68	--	--	Peak	294.00	200	Horizontal	N/A
4**	5781.500	91.75	-4.68	--	--	AV	294.00	200	Horizontal	N/A
5	7313.750	54.70	-2.00	74.0	19.30	Peak	319.00	100	Horizontal	Pass
5**	7313.750	45.28	-2.00	54.0	8.72	AV	319.00	100	Horizontal	Pass
6	11571.287	54.88	-3.32	74.0	19.12	Peak	32.00	150	Horizontal	Pass
6**	11571.287	51.99	-3.32	54.0	2.01	AV	32.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	37.23	-19.50	74.0	36.77	Peak	164.00	200	Vertical	Pass
1**	1496.200	28.50	-19.50	54.0	25.50	AV	164.00	200	Vertical	Pass
2	2836.500	43.64	-12.55	74.0	30.36	Peak	74.00	100	Vertical	Pass
2**	2836.500	34.79	-12.55	54.0	19.21	AV	74.00	100	Vertical	Pass
3	4324.000	47.75	-5.93	74.0	26.25	Peak	87.00	100	Vertical	Pass
3**	4324.000	39.80	-5.93	54.0	14.20	AV	87.00	100	Vertical	Pass
4	5776.750	94.46	-4.66	--	--	Peak	226.00	300	Vertical	N/A
4**	5776.750	86.87	-4.66	--	--	AV	226.00	300	Vertical	N/A
5	7509.500	54.96	-1.28	74.0	19.04	Peak	201.00	100	Vertical	Pass
5**	7509.500	45.63	-1.28	54.0	8.37	AV	201.00	100	Vertical	Pass
6	11563.924	53.69	-3.41	74.0	20.31	Peak	141.00	150	Vertical	Pass
6**	11563.924	49.20	-3.41	54.0	4.80	AV	141.00	150	Vertical	Pass

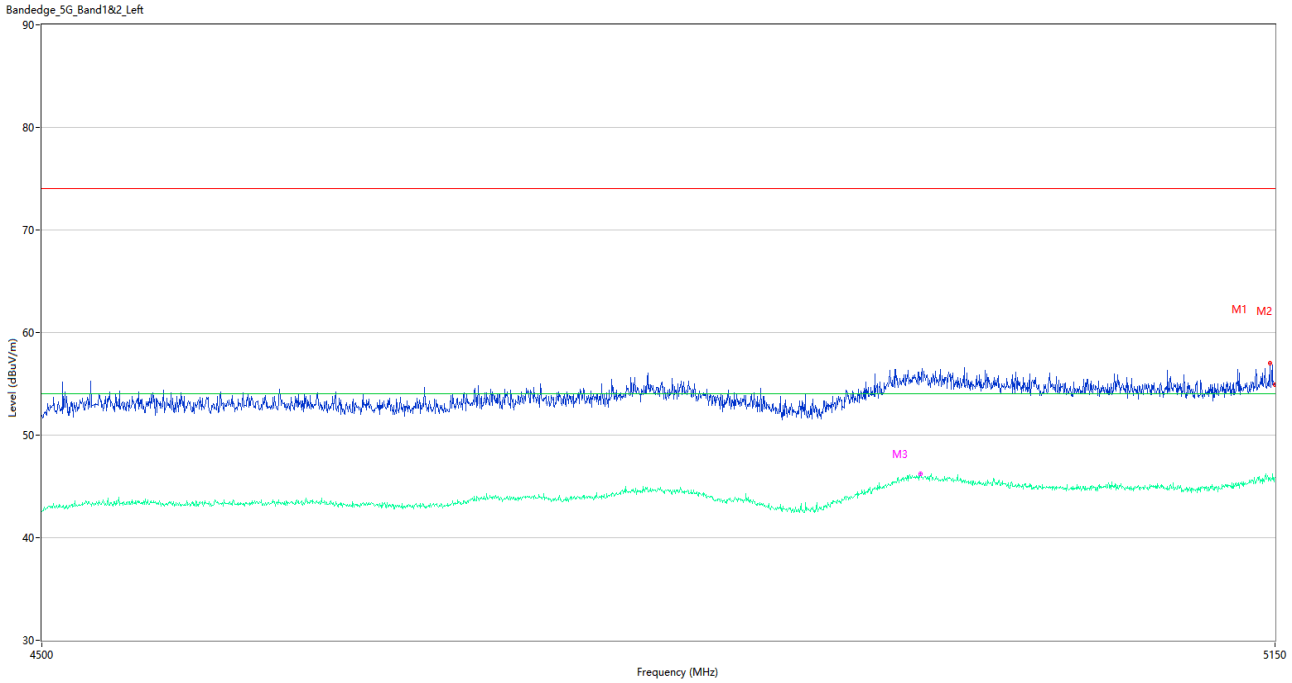
A.6.2 Band Edge (Restricted-band)

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

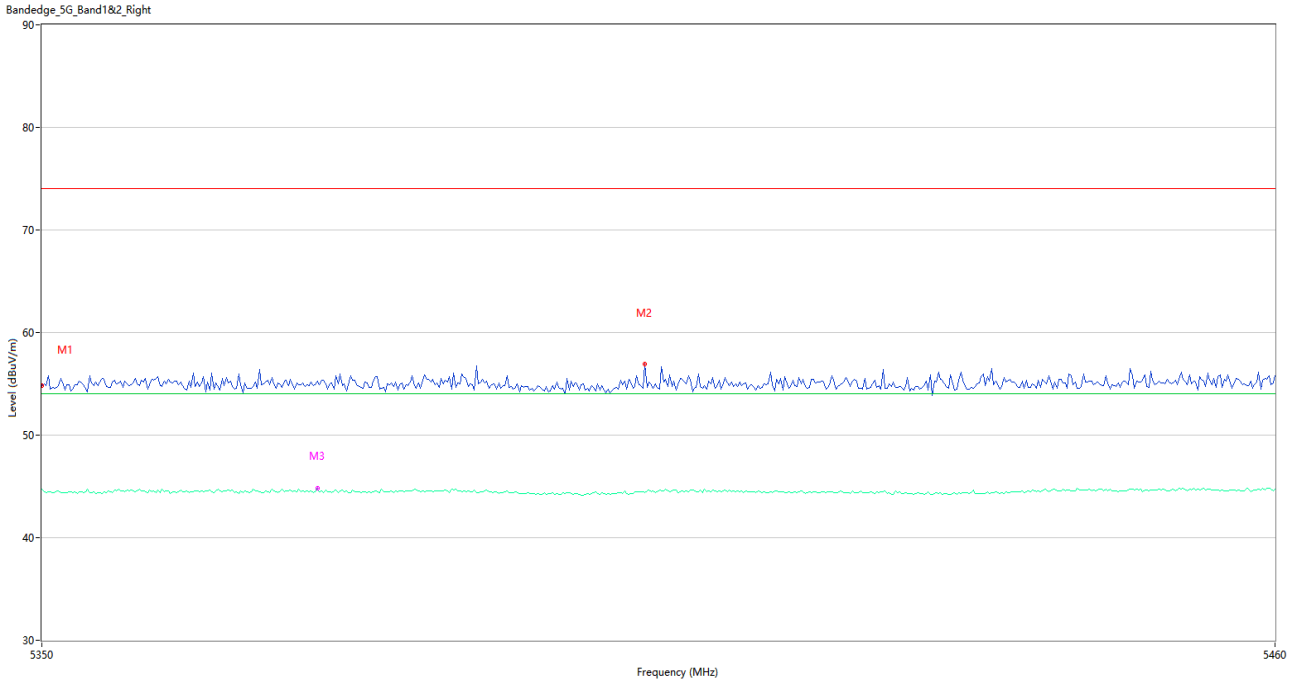
Test Data and Plots

U-NII-1 11a Low Channel



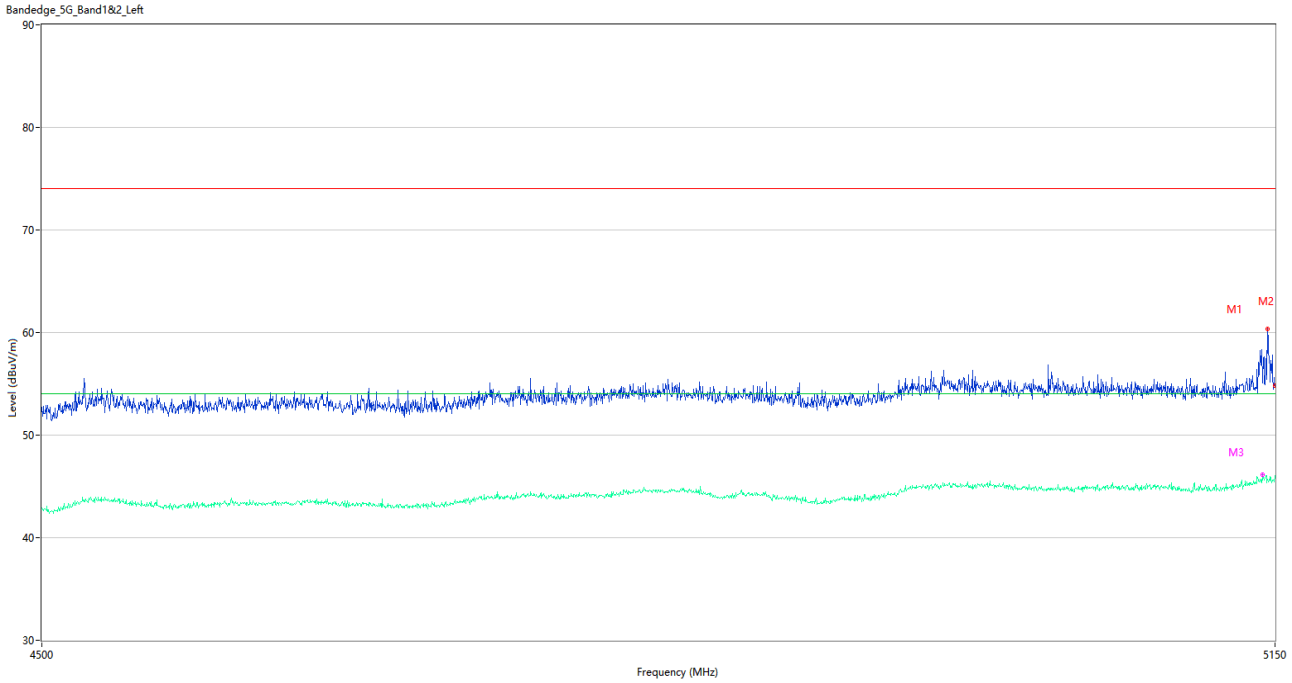
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	57.05	0.92	74.0	16.95	Peak	53.00	150	Horizontal	Pass
1**	5147.075	45.59	0.92	54.0	8.41	AV	53.00	150	Horizontal	Pass
2	5150.000	54.92	0.84	74.0	19.08	Peak	56.00	100	Horizontal	Pass
2**	5150.000	45.90	0.84	54.0	8.10	AV	56.00	100	Horizontal	Pass
3	4954.025	55.61	2.39	74.0	18.39	Peak	78.00	150	Horizontal	Pass
3**	4954.025	46.26	2.39	54.0	7.74	AV	78.00	150	Horizontal	Pass

U-NII-1 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.78	0.85	74.0	19.22	Peak	280.00	150	Horizontal	Pass
1**	5350.000	44.72	0.85	54.0	9.28	AV	280.00	150	Horizontal	Pass
2	5403.533	56.97	1.11	74.0	17.03	Peak	55.00	200	Horizontal	Pass
2**	5403.533	44.42	1.11	54.0	9.58	AV	55.00	200	Horizontal	Pass
3	5374.383	55.31	0.77	74.0	18.69	Peak	248.00	150	Horizontal	Pass
3**	5374.383	44.85	0.77	54.0	9.15	AV	248.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel

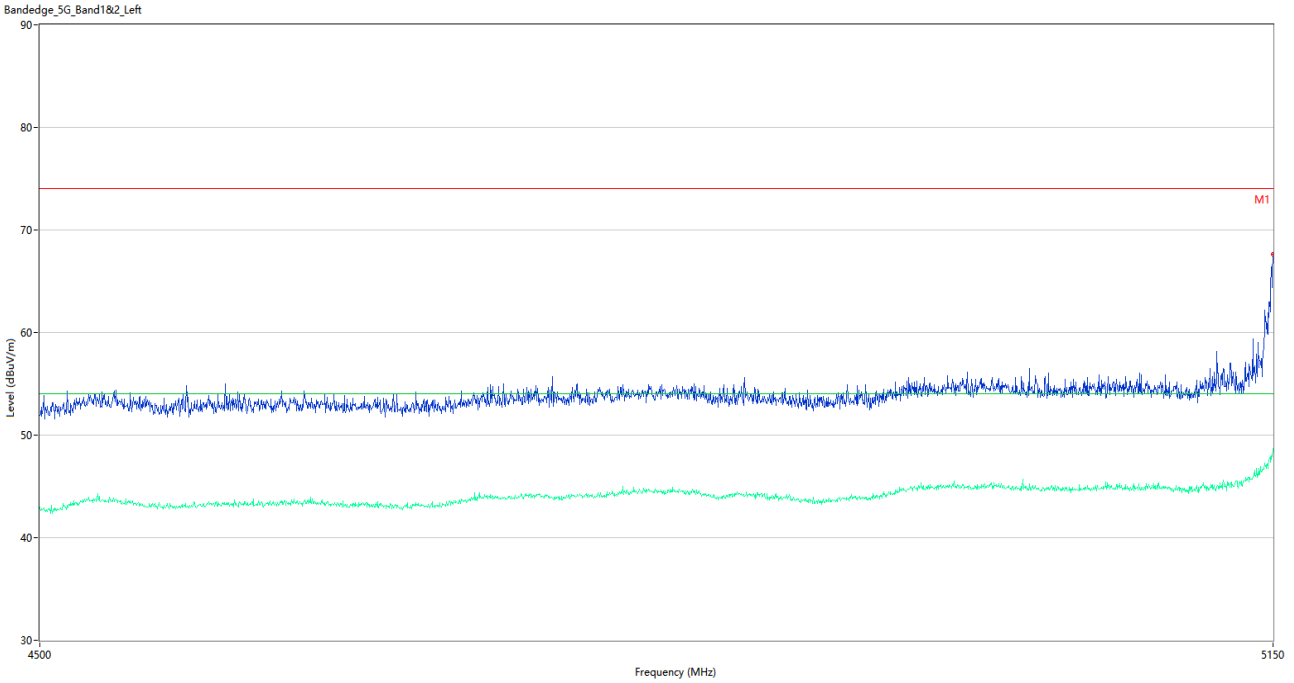


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	60.38	0.93	74.0	13.62	Peak	52.00	100	Horizontal	Pass
1**	5145.775	45.72	0.93	54.0	8.28	AV	52.00	100	Horizontal	Pass
2	5150.000	54.86	0.84	74.0	19.14	Peak	284.00	100	Horizontal	Pass
2**	5150.000	46.01	0.84	54.0	7.99	AV	284.00	100	Horizontal	Pass
3	5142.850	55.06	0.93	74.0	18.94	Peak	82.00	150	Horizontal	Pass
3**	5142.850	46.14	0.93	54.0	7.86	AV	82.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel

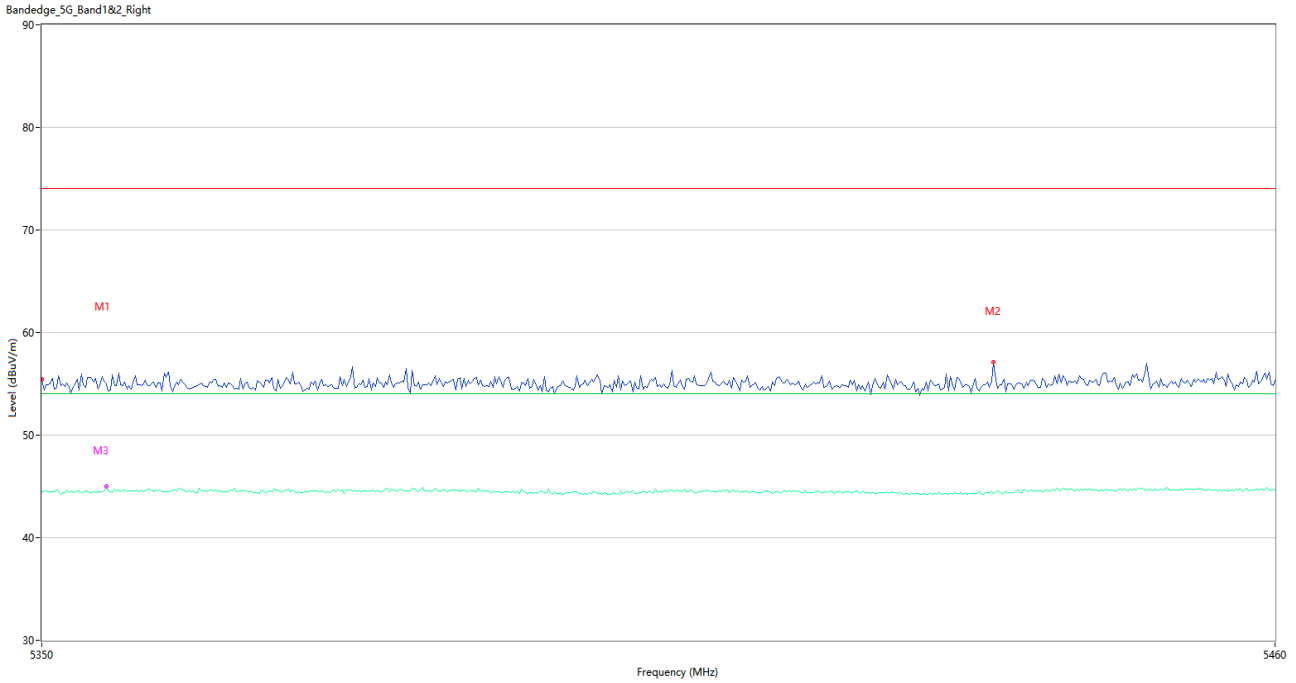
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.30	0.85	74.0	19.70	Peak	359.00	100	Horizontal	Pass
1**	5350.000	44.46	0.85	54.0	9.54	AV	359.00	100	Horizontal	Pass
2	5379.516	56.89	0.81	74.0	17.11	Peak	293.00	200	Horizontal	Pass
2**	5379.516	44.67	0.81	54.0	9.33	AV	293.00	200	Horizontal	Pass
3	5453.583	55.14	1.25	74.0	18.86	Peak	67.00	150	Horizontal	Pass
3**	5453.583	44.89	1.25	54.0	9.11	AV	67.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



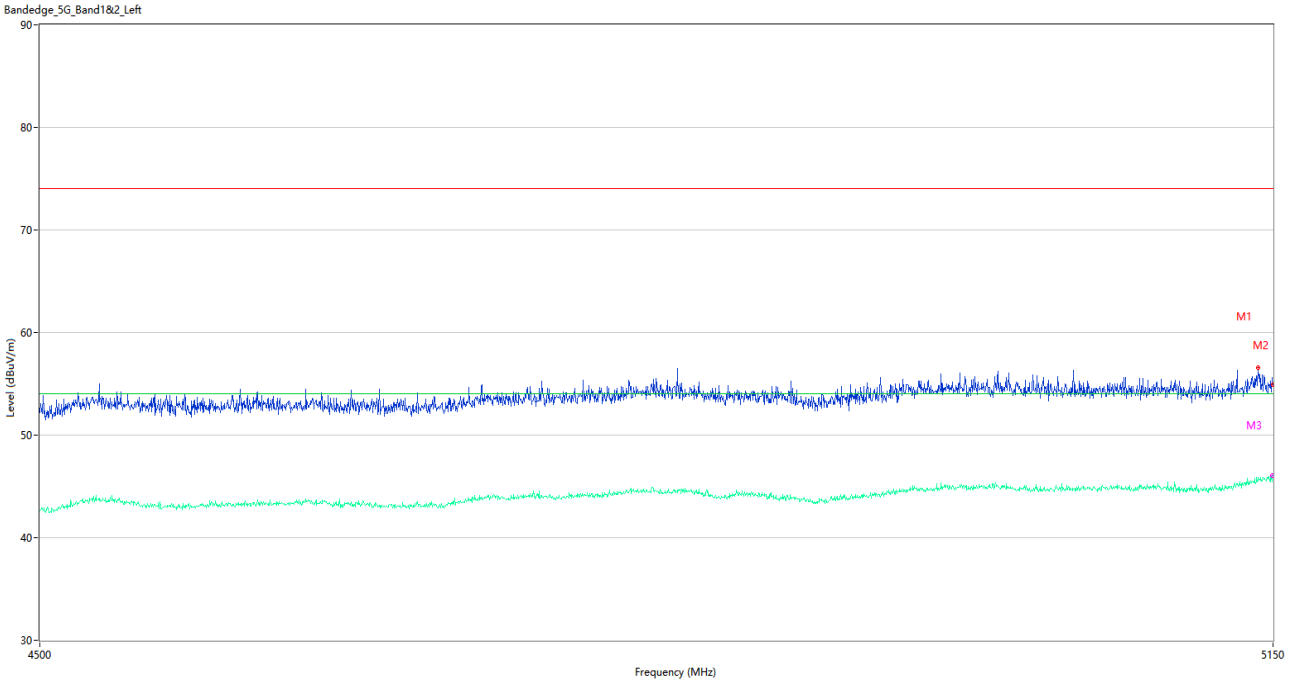
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	67.63	0.84	74.0	6.37	Peak	51.00	200	Horizontal	Pass
1**	5150.000	48.65	0.84	54.0	5.35	AV	51.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



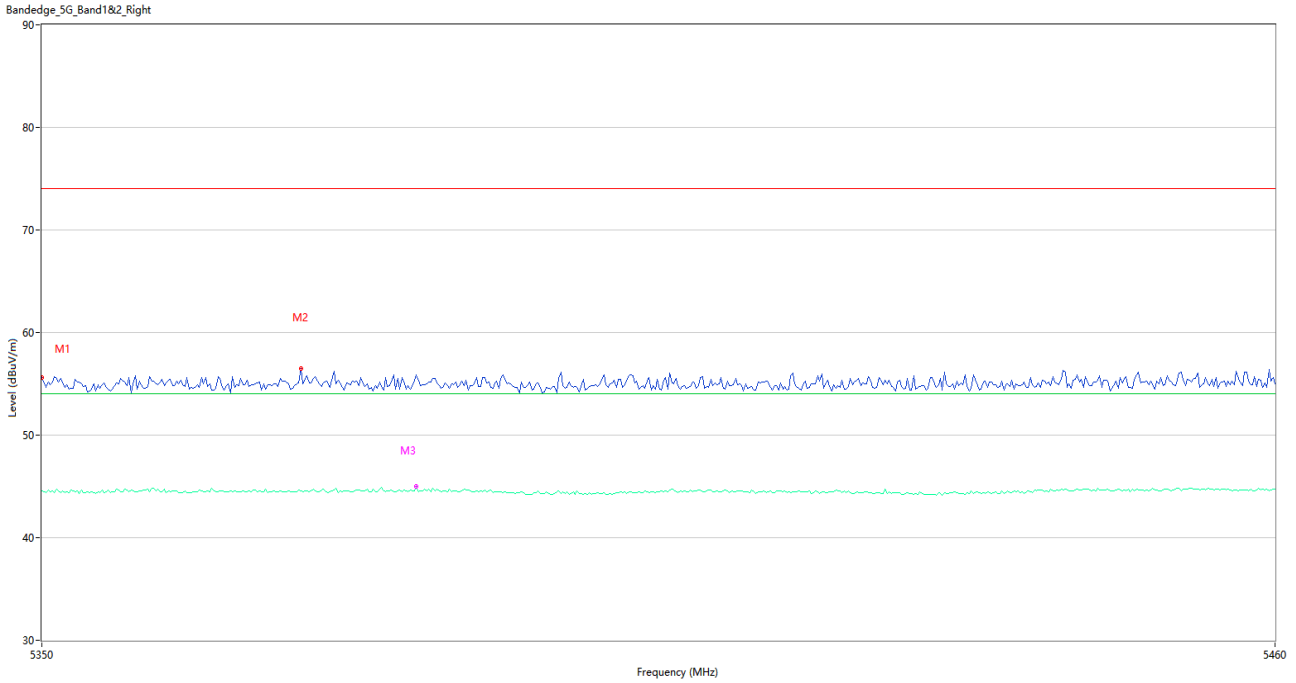
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.40	0.85	74.0	18.60	Peak	295.00	200	Horizontal	Pass
1**	5350.000	44.50	0.85	54.0	9.50	AV	295.00	200	Horizontal	Pass
2	5434.700	57.11	1.17	74.0	16.89	Peak	186.00	100	Horizontal	Pass
2**	5434.700	44.30	1.17	54.0	9.70	AV	186.00	100	Horizontal	Pass
3	5355.683	55.03	0.83	74.0	18.97	Peak	262.00	150	Horizontal	Pass
3**	5355.683	44.96	0.83	54.0	9.04	AV	262.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



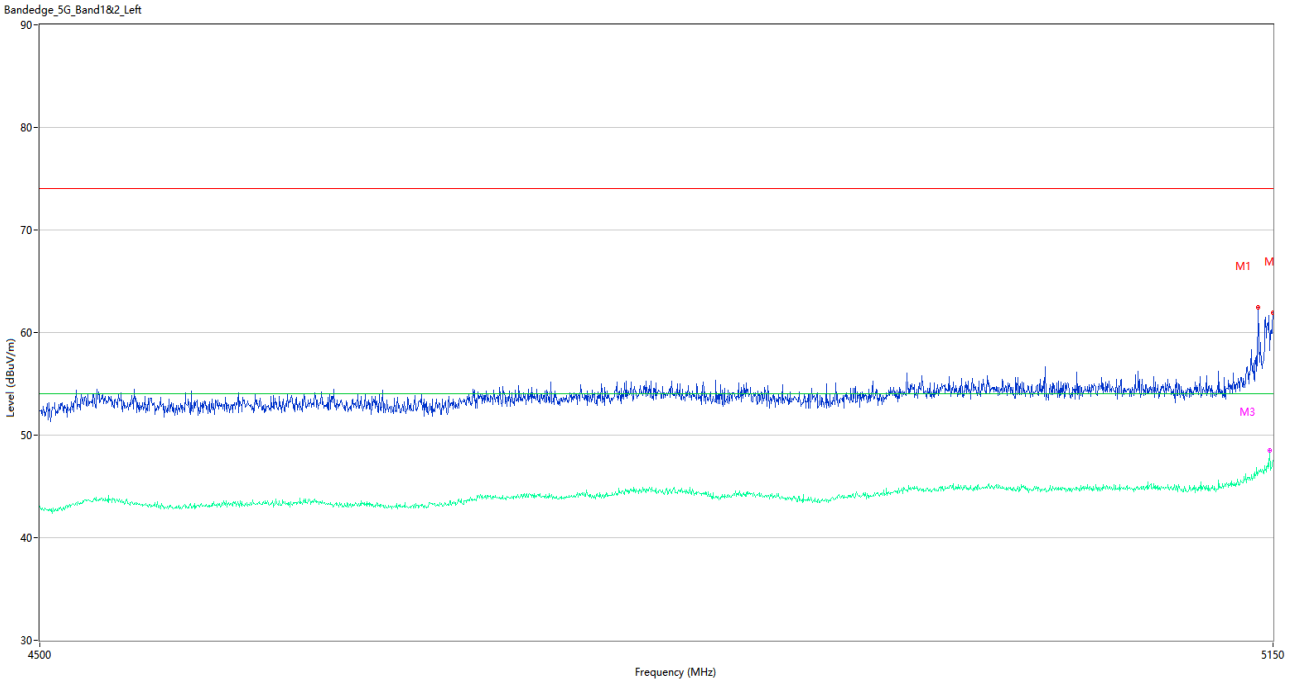
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	56.56	0.93	74.0	17.44	Peak	47.00	150	Horizontal	Pass
1**	5141.550	45.89	0.93	54.0	8.11	AV	47.00	150	Horizontal	Pass
2	5150.000	54.88	0.84	74.0	19.12	Peak	190.00	100	Horizontal	Pass
2**	5150.000	45.90	0.84	54.0	8.10	AV	190.00	100	Horizontal	Pass
3	5149.675	55.08	0.84	74.0	18.92	Peak	357.00	150	Horizontal	Pass
3**	5149.675	46.06	0.84	54.0	7.94	AV	357.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.60	0.85	74.0	18.40	Peak	297.00	200	Horizontal	Pass
1**	5350.000	44.54	0.85	54.0	9.46	AV	297.00	200	Horizontal	Pass
2	5372.917	56.45	0.79	74.0	17.55	Peak	284.00	150	Horizontal	Pass
2**	5372.917	44.55	0.79	54.0	9.45	AV	284.00	150	Horizontal	Pass
3	5383.183	55.92	0.87	74.0	18.08	Peak	61.00	150	Horizontal	Pass
3**	5383.183	44.99	0.87	54.0	9.01	AV	61.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel

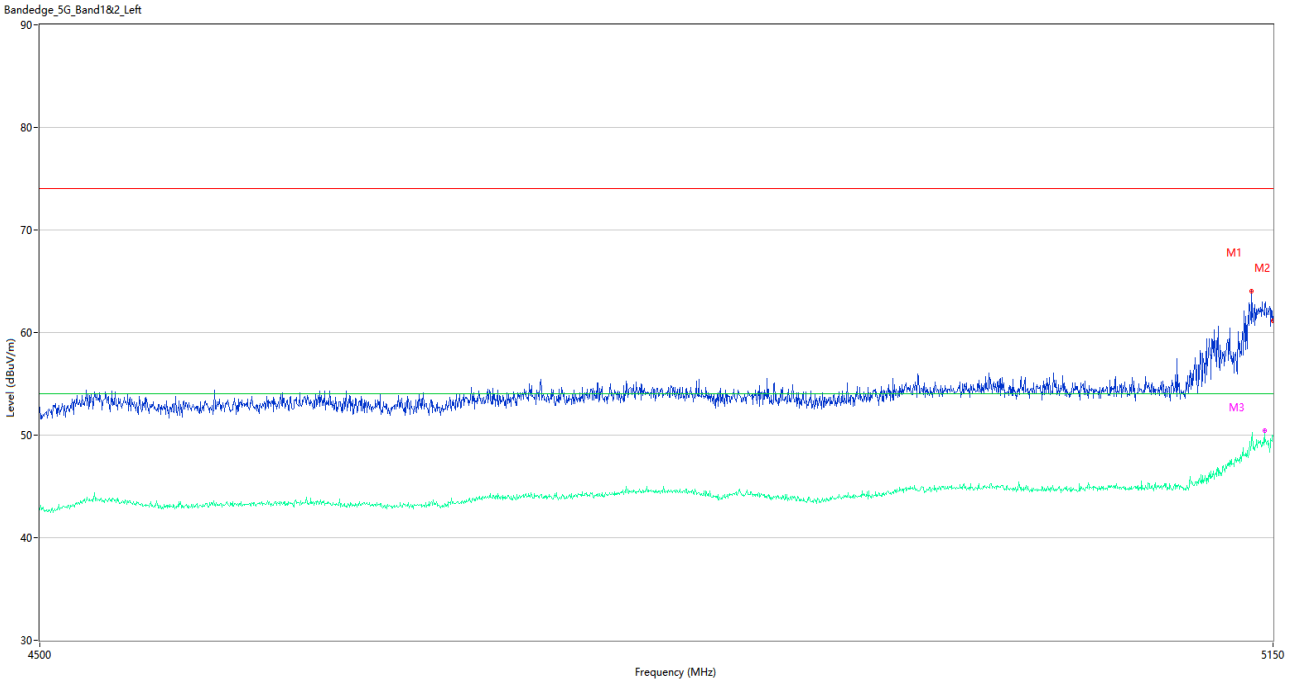


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	62.49	0.93	74.0	11.51	Peak	36.00	150	Horizontal	Pass
1**	5141.550	46.22	0.93	54.0	7.78	AV	36.00	150	Horizontal	Pass
2	5150.000	61.91	0.84	74.0	12.09	Peak	54.00	150	Horizontal	Pass
2**	5150.000	47.52	0.84	54.0	6.48	AV	54.00	150	Horizontal	Pass
3	5148.050	58.26	0.87	74.0	15.74	Peak	51.00	150	Horizontal	Pass
3**	5148.050	48.47	0.87	54.0	5.53	AV	51.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.44	0.85	74.0	18.56	Peak	46.00	150	Horizontal	Pass
1**	5350.000	44.55	0.85	54.0	9.45	AV	46.00	150	Horizontal	Pass
2	5425.717	56.55	1.16	74.0	17.45	Peak	350.00	100	Horizontal	Pass
2**	5425.717	44.44	1.16	54.0	9.56	AV	350.00	100	Horizontal	Pass
3	5375.850	54.70	0.78	74.0	19.30	Peak	235.00	150	Horizontal	Pass
3**	5375.850	44.95	0.78	54.0	9.05	AV	235.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

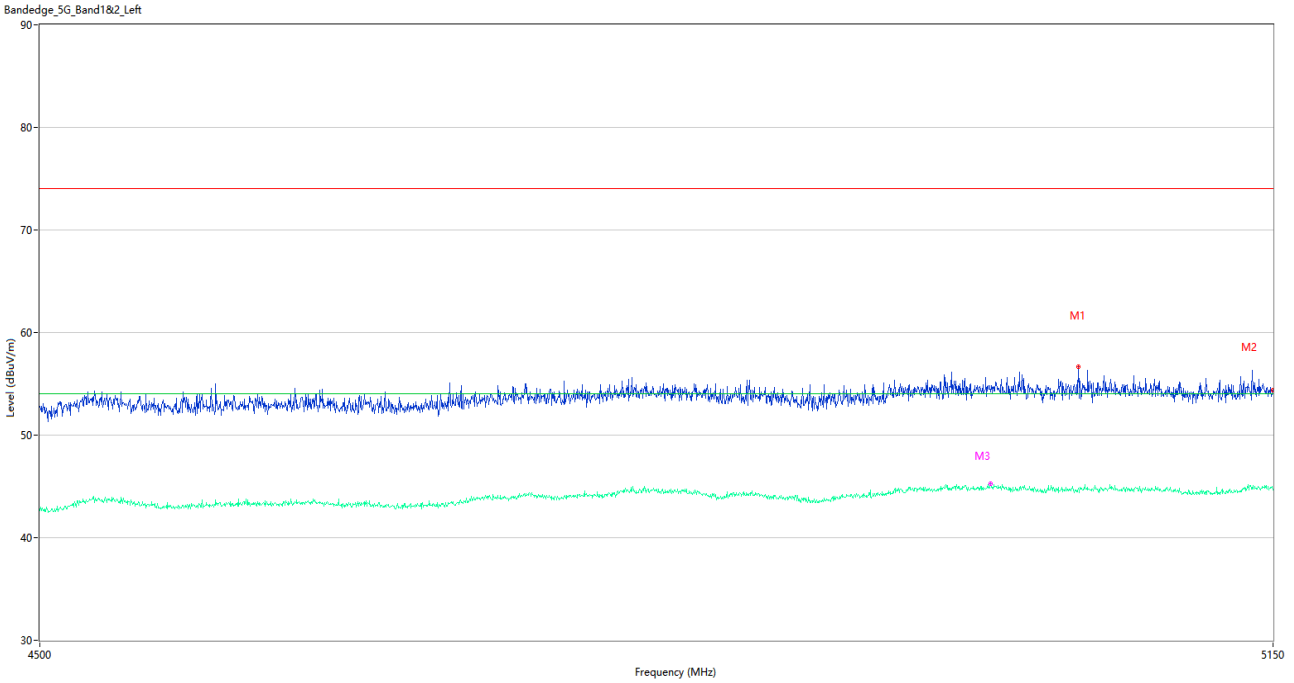


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.975	64.07	0.78	74.0	9.93	Peak	59.00	200	Horizontal	Pass
1**	5137.975	49.39	0.78	54.0	4.61	AV	59.00	200	Horizontal	Pass
2	5150.000	61.16	0.84	74.0	12.84	Peak	290.00	200	Horizontal	Pass
2**	5150.000	49.91	0.84	54.0	4.09	AV	290.00	200	Horizontal	Pass
3	5145.125	61.64	0.93	74.0	12.36	Peak	290.00	150	Horizontal	Pass
3**	5145.125	50.43	0.93	54.0	3.57	AV	290.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel

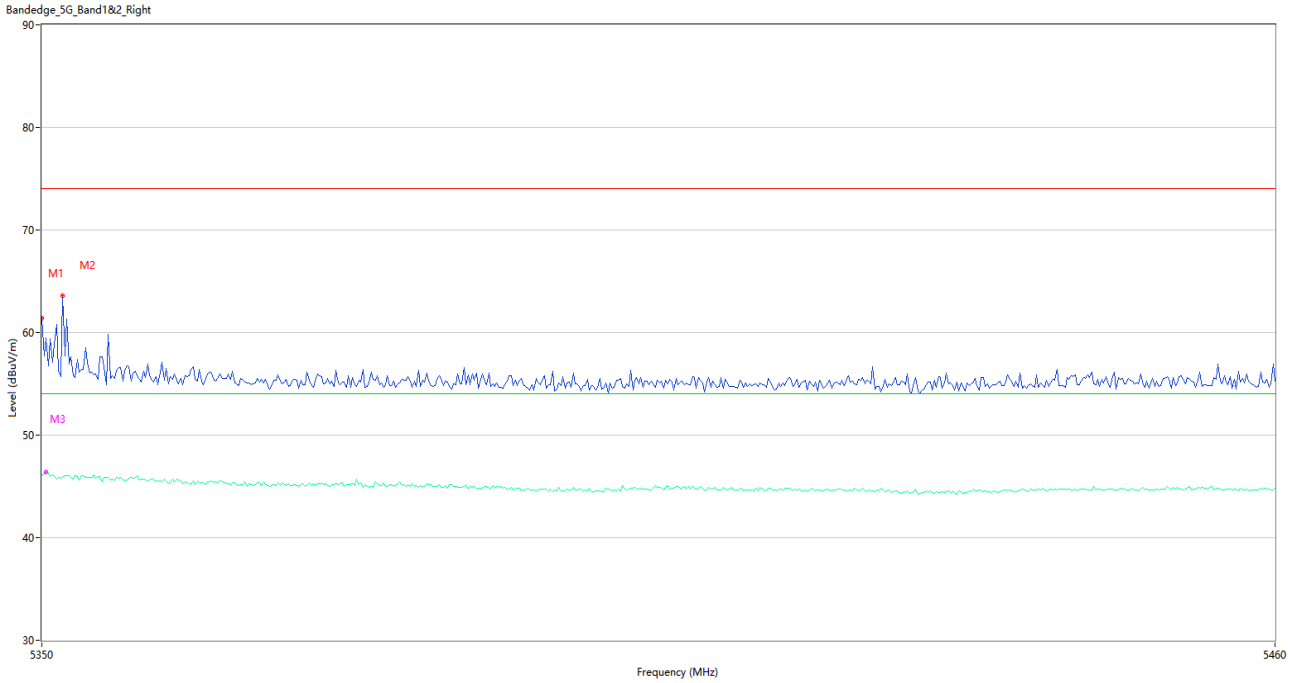
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.48	0.85	74.0	19.52	Peak	282.00	200	Horizontal	Pass
1**	5350.000	44.35	0.85	54.0	9.65	AV	282.00	200	Horizontal	Pass
2	5457.800	56.70	1.19	74.0	17.30	Peak	0.00	200	Horizontal	Pass
2**	5457.800	44.68	1.19	54.0	9.32	AV	0.00	200	Horizontal	Pass
3	5359.533	54.38	0.83	74.0	19.62	Peak	103.00	150	Horizontal	Pass
3**	5359.533	44.90	0.83	54.0	9.10	AV	103.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



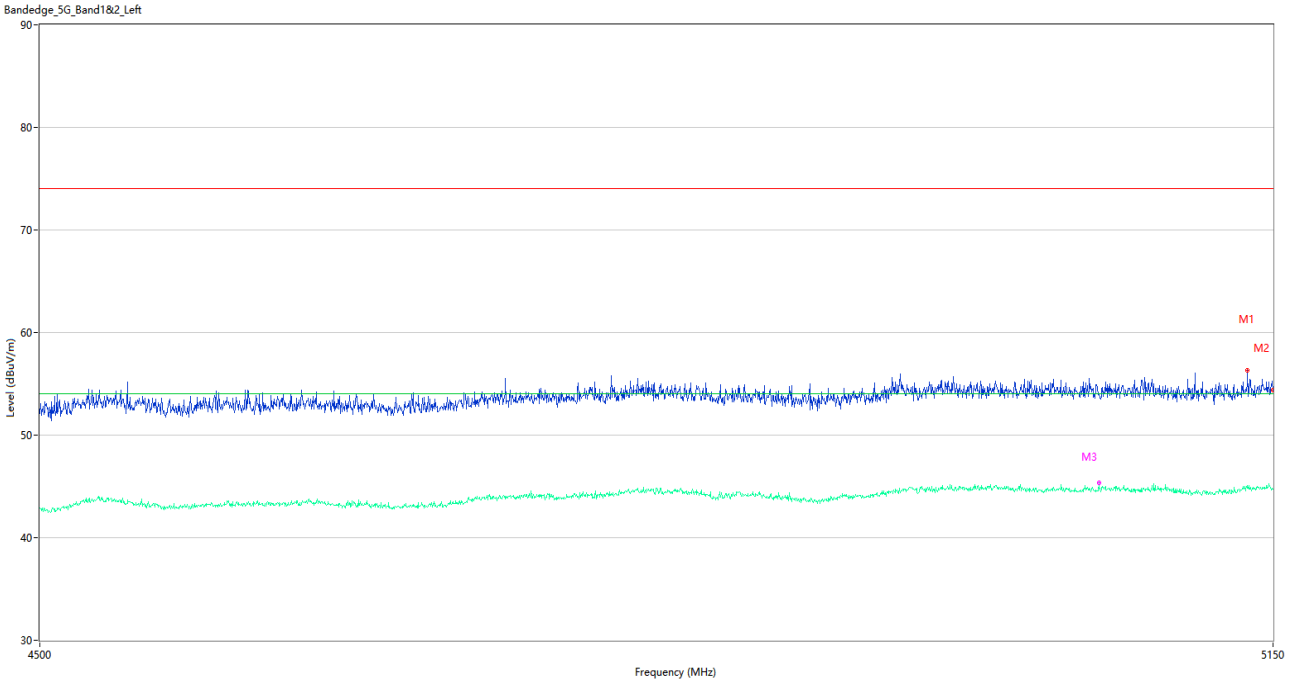
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5041.450	56.62	0.76	74.0	17.38	Peak	1.00	200	Horizontal	Pass
1**	5041.450	44.85	0.76	54.0	9.15	AV	1.00	200	Horizontal	Pass
2	5150.000	54.43	0.84	74.0	19.57	Peak	6.00	150	Horizontal	Pass
2**	5150.000	44.65	0.84	54.0	9.35	AV	6.00	150	Horizontal	Pass
3	4993.350	54.21	1.80	74.0	19.79	Peak	254.00	150	Horizontal	Pass
3**	4993.350	45.30	1.80	54.0	8.70	AV	254.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



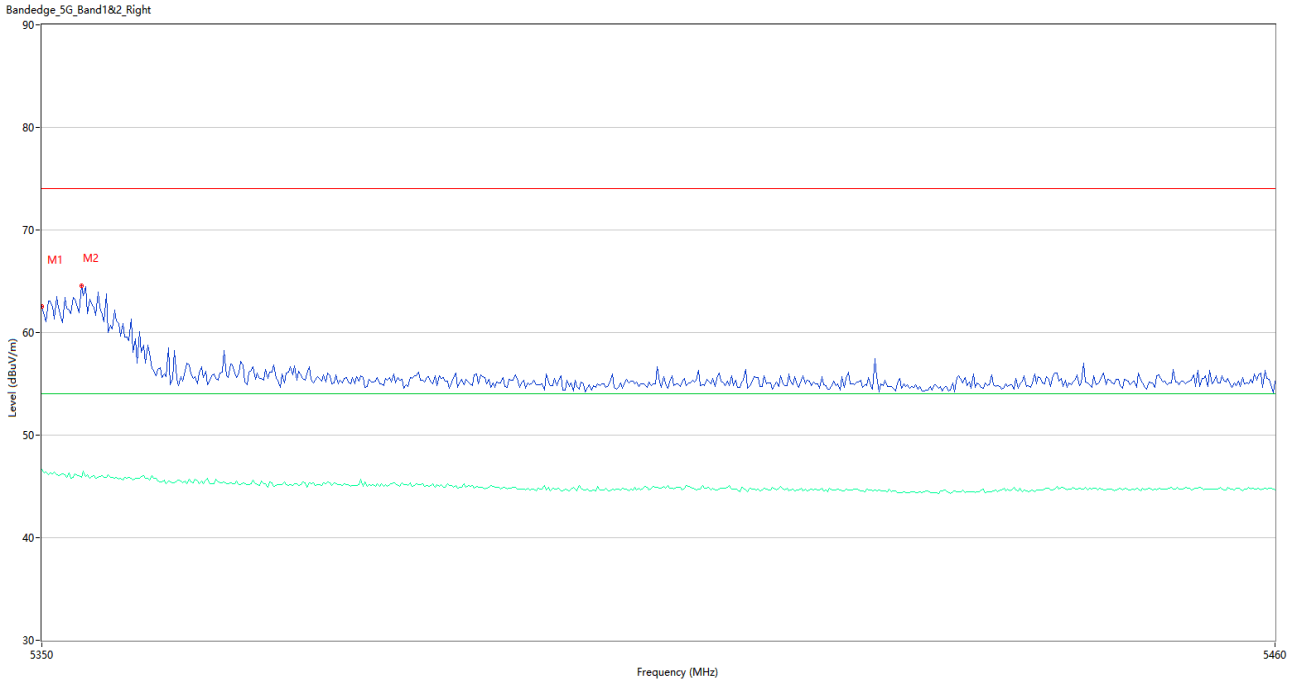
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.43	0.85	74.0	12.57	Peak	304.00	100	Horizontal	Pass
1**	5350.000	46.17	0.85	54.0	7.83	AV	304.00	100	Horizontal	Pass
2	5351.834	63.57	0.84	74.0	10.43	Peak	282.00	200	Horizontal	Pass
2**	5351.834	45.86	0.84	54.0	8.14	AV	282.00	200	Horizontal	Pass
3	5350.367	59.45	0.86	74.0	14.55	Peak	29.00	150	Horizontal	Pass
3**	5350.367	46.40	0.86	54.0	7.60	AV	29.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



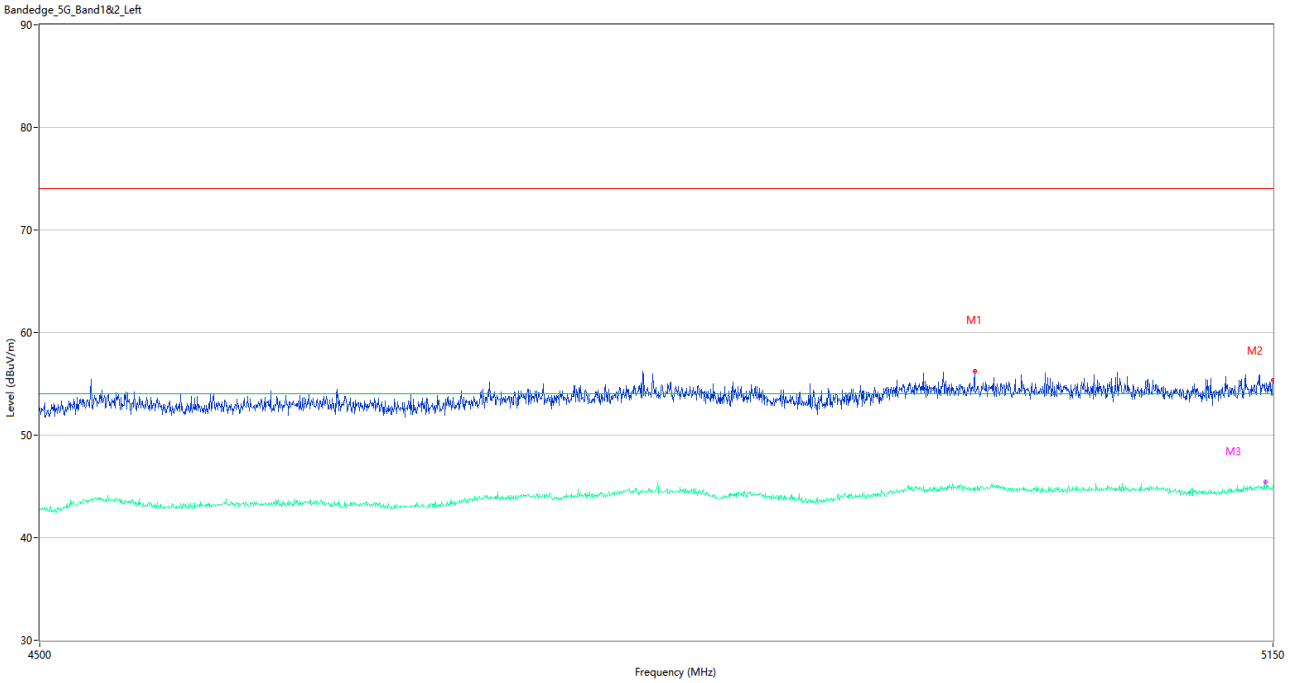
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5135.700	56.32	0.84	74.0	17.68	Peak	61.00	150	Horizontal	Pass
1**	5135.700	44.82	0.84	54.0	9.18	AV	61.00	150	Horizontal	Pass
2	5150.000	54.40	0.84	74.0	19.60	Peak	226.00	200	Horizontal	Pass
2**	5150.000	44.74	0.84	54.0	9.26	AV	226.00	200	Horizontal	Pass
3	5052.825	53.82	0.76	74.0	20.18	Peak	25.00	150	Horizontal	Pass
3**	5052.825	45.34	0.76	54.0	8.66	AV	25.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



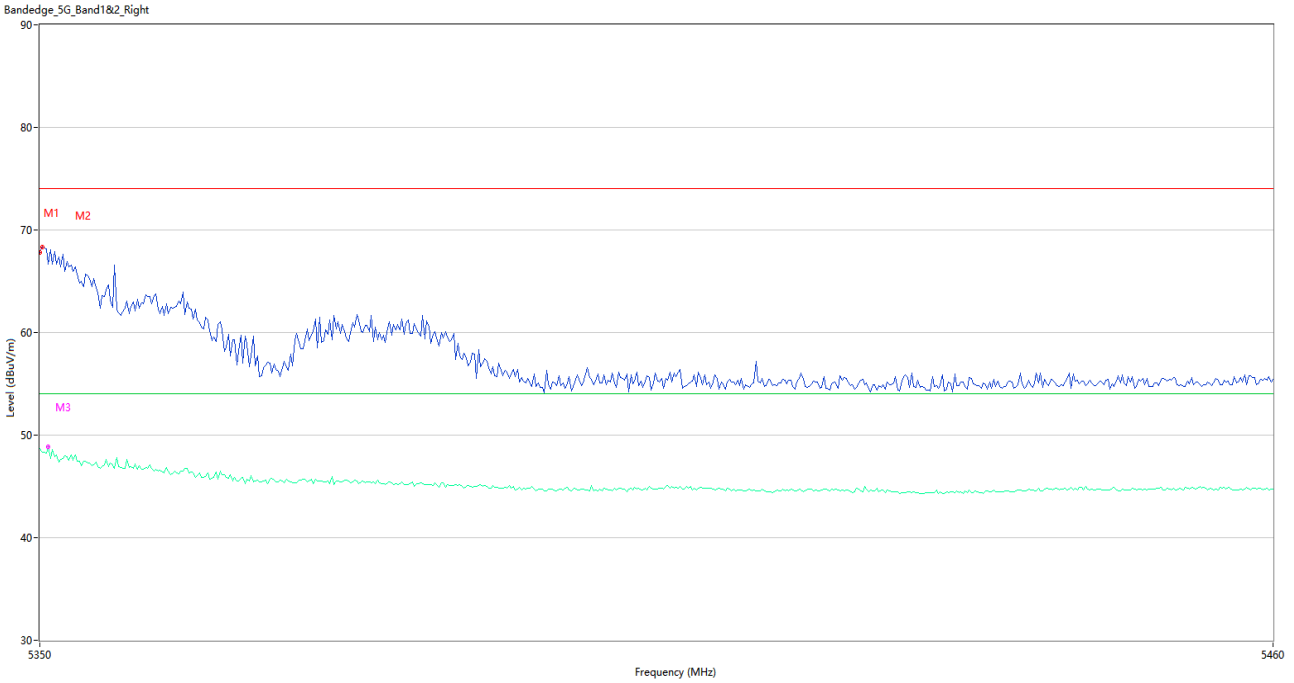
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.54	0.85	74.0	11.46	Peak	281.00	100	Horizontal	Pass
1**	5350.000	46.69	0.85	54.0	7.31	AV	281.00	100	Horizontal	Pass
2	5353.483	64.60	0.81	74.0	9.40	Peak	293.00	150	Horizontal	Pass
2**	5353.483	45.91	0.81	54.0	8.09	AV	293.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



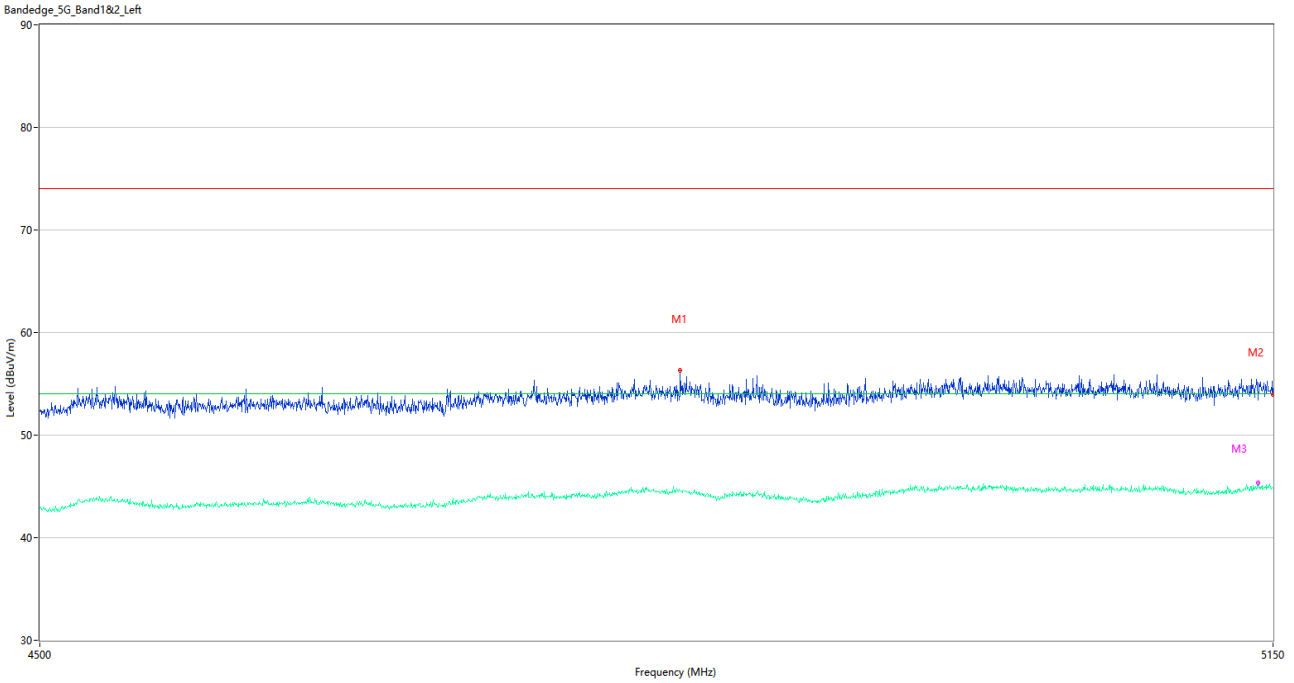
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4984.575	56.21	1.84	74.0	17.79	Peak	287.00	200	Horizontal	Pass
1**	4984.575	44.46	1.84	54.0	9.54	AV	287.00	200	Horizontal	Pass
2	5150.000	55.38	0.84	74.0	18.62	Peak	260.00	200	Horizontal	Pass
2**	5150.000	45.06	0.84	54.0	8.94	AV	260.00	200	Horizontal	Pass
3	5145.775	54.20	0.93	74.0	19.80	Peak	52.00	150	Horizontal	Pass
3**	5145.775	45.48	0.93	54.0	8.52	AV	52.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.80	0.85	74.0	6.20	Peak	292.00	150	Horizontal	Pass
1**	5350.000	48.72	0.85	54.0	5.28	AV	292.00	150	Horizontal	Pass
2	5350.183	68.36	0.86	74.0	5.64	Peak	286.00	200	Horizontal	Pass
2**	5350.183	48.34	0.86	54.0	5.66	AV	286.00	200	Horizontal	Pass
3	5350.733	66.68	0.87	74.0	7.32	Peak	283.00	150	Horizontal	Pass
3**	5350.733	48.88	0.87	54.0	5.12	AV	283.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel

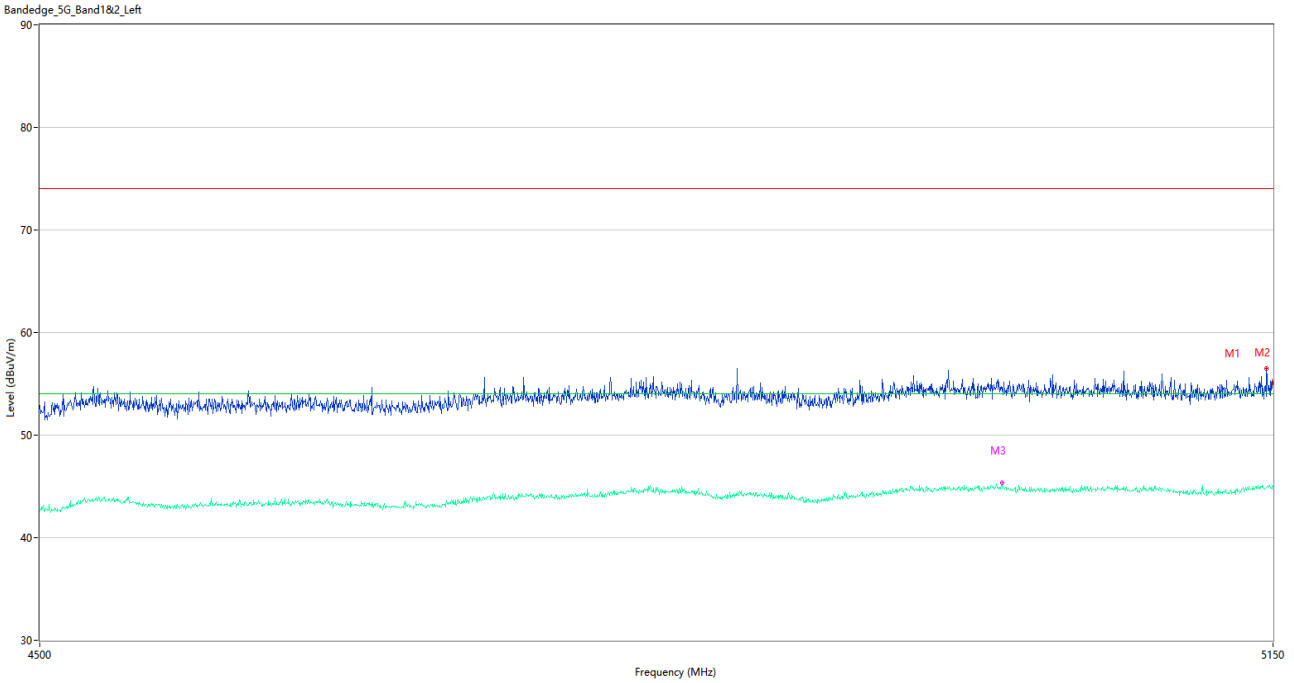


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4826.625	56.29	0.32	74.0	17.71	Peak	295.00	100	Horizontal	Pass
1**	4826.625	44.57	0.32	54.0	9.43	AV	295.00	100	Horizontal	Pass
2	5150.000	53.91	0.84	74.0	20.09	Peak	147.00	200	Horizontal	Pass
2**	5150.000	44.81	0.84	54.0	9.19	AV	147.00	200	Horizontal	Pass
3	5141.550	53.45	0.93	74.0	20.55	Peak	27.00	150	Horizontal	Pass
3**	5141.550	45.34	0.93	54.0	8.66	AV	27.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel

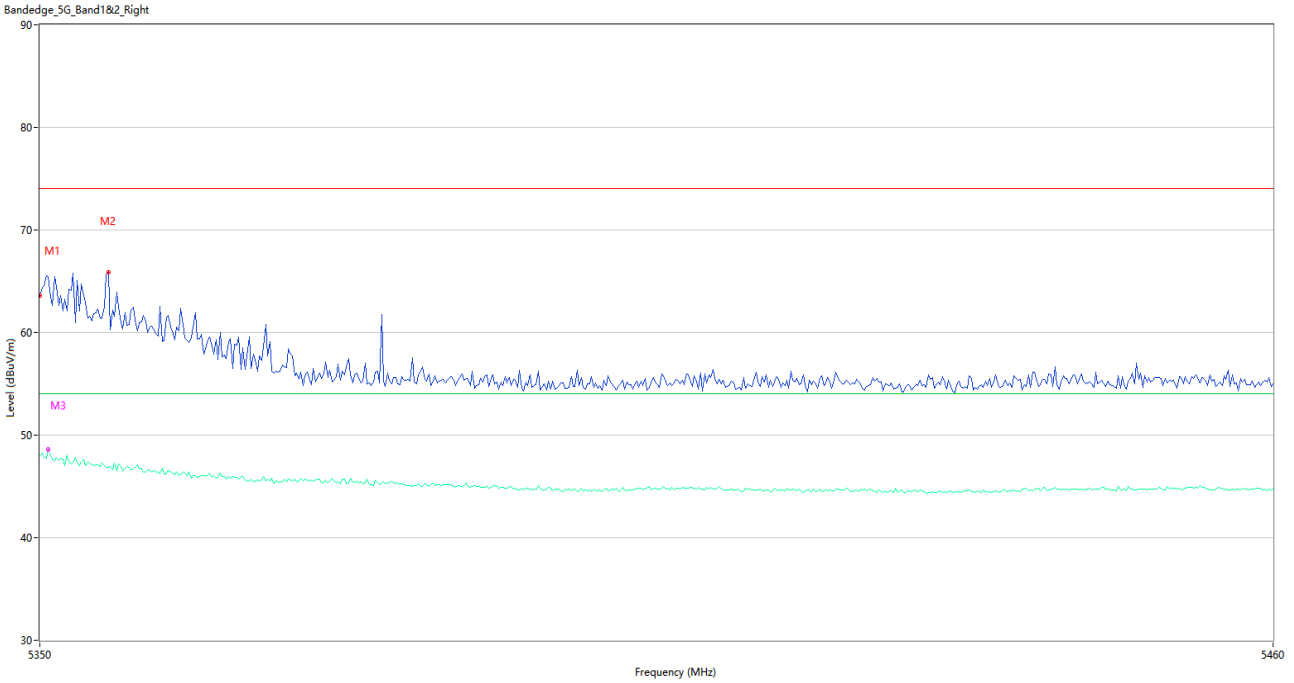
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.62	0.85	74.0	13.38	Peak	292.00	150	Horizontal	Pass
1**	5350.000	46.45	0.85	54.0	7.55	AV	292.00	150	Horizontal	Pass
2	5350.367	61.79	0.86	74.0	12.21	Peak	290.00	200	Horizontal	Pass
2**	5350.367	46.28	0.86	54.0	7.72	AV	290.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



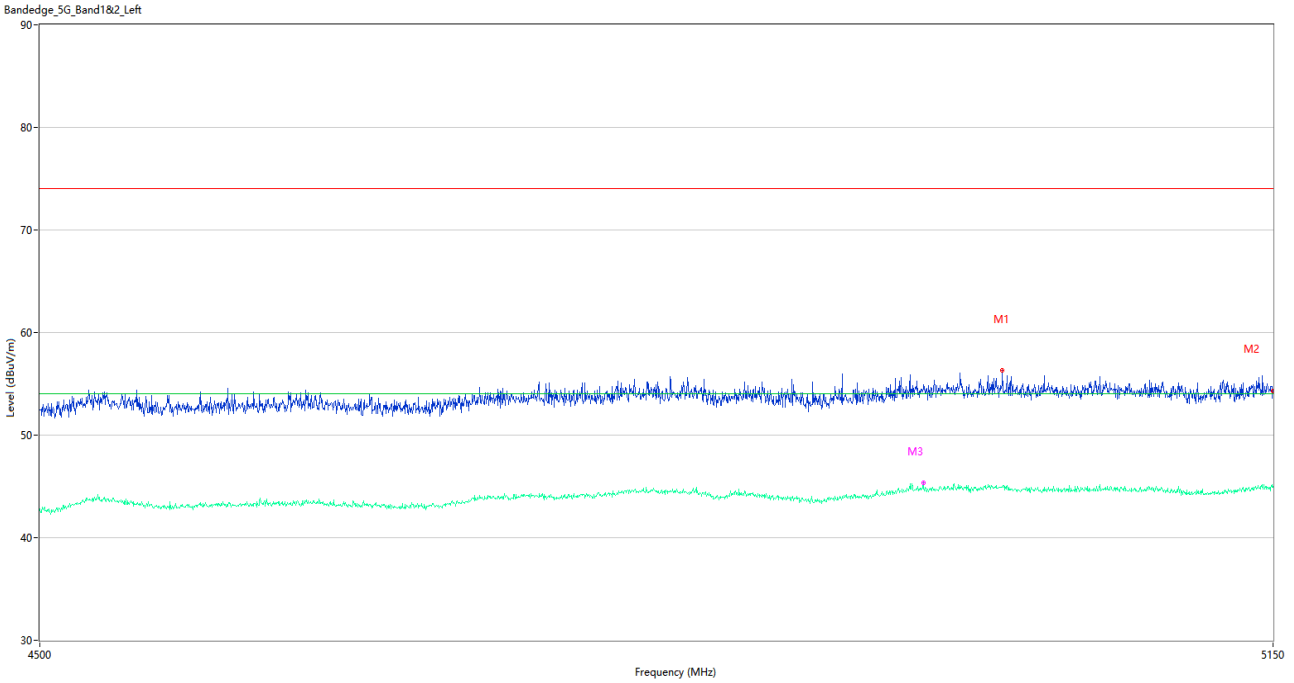
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	56.53	0.93	74.0	17.47	Peak	305.00	200	Horizontal	Pass
1**	5146.425	44.95	0.93	54.0	9.05	AV	305.00	200	Horizontal	Pass
2	5150.000	55.11	0.84	74.0	18.89	Peak	136.00	100	Horizontal	Pass
2**	5150.000	45.02	0.84	54.0	8.98	AV	136.00	100	Horizontal	Pass
3	4999.525	54.38	1.76	74.0	19.62	Peak	316.00	150	Horizontal	Pass
3**	4999.525	45.37	1.76	54.0	8.63	AV	316.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



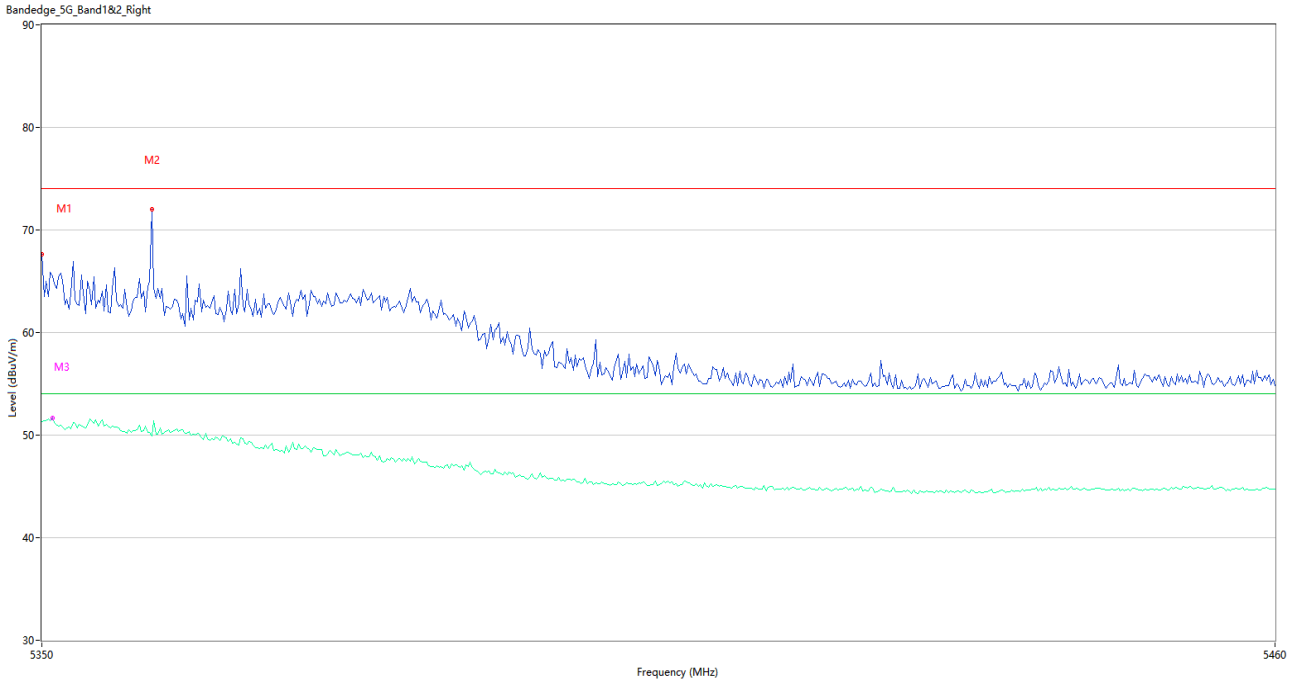
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.59	0.85	74.0	10.41	Peak	56.00	100	Horizontal	Pass
1**	5350.000	48.00	0.85	54.0	6.00	AV	56.00	100	Horizontal	Pass
2	5356.050	65.88	0.84	74.0	8.12	Peak	292.00	200	Horizontal	Pass
2**	5356.050	46.85	0.84	54.0	7.15	AV	292.00	200	Horizontal	Pass
3	5350.733	65.43	0.87	74.0	8.57	Peak	286.00	150	Horizontal	Pass
3**	5350.733	48.58	0.87	54.0	5.42	AV	286.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



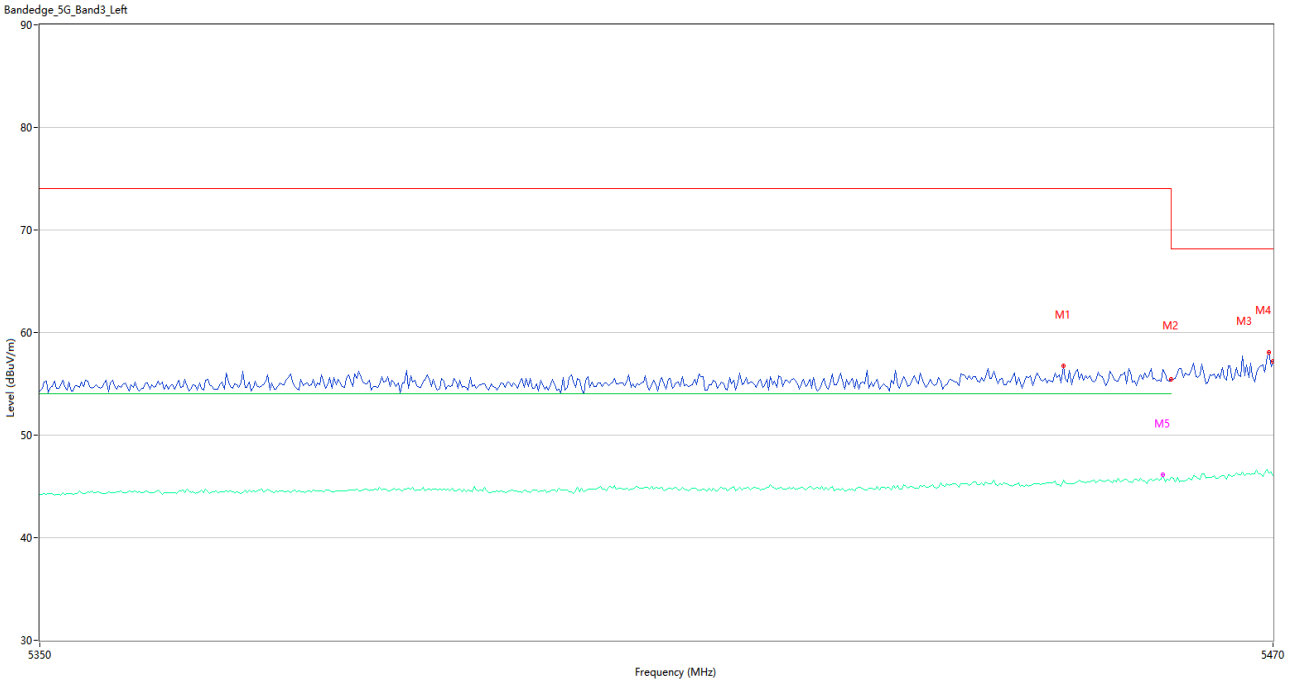
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4999.850	56.31	1.77	74.0	17.69	Peak	104.00	150	Horizontal	Pass
1**	4999.850	45.00	1.77	54.0	9.00	AV	104.00	150	Horizontal	Pass
2	5150.000	54.29	0.84	74.0	19.71	Peak	242.00	100	Horizontal	Pass
2**	5150.000	44.93	0.84	54.0	9.07	AV	242.00	100	Horizontal	Pass
3	4956.625	54.62	2.29	74.0	19.38	Peak	272.00	150	Horizontal	Pass
3**	4956.625	45.31	2.29	54.0	8.69	AV	272.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



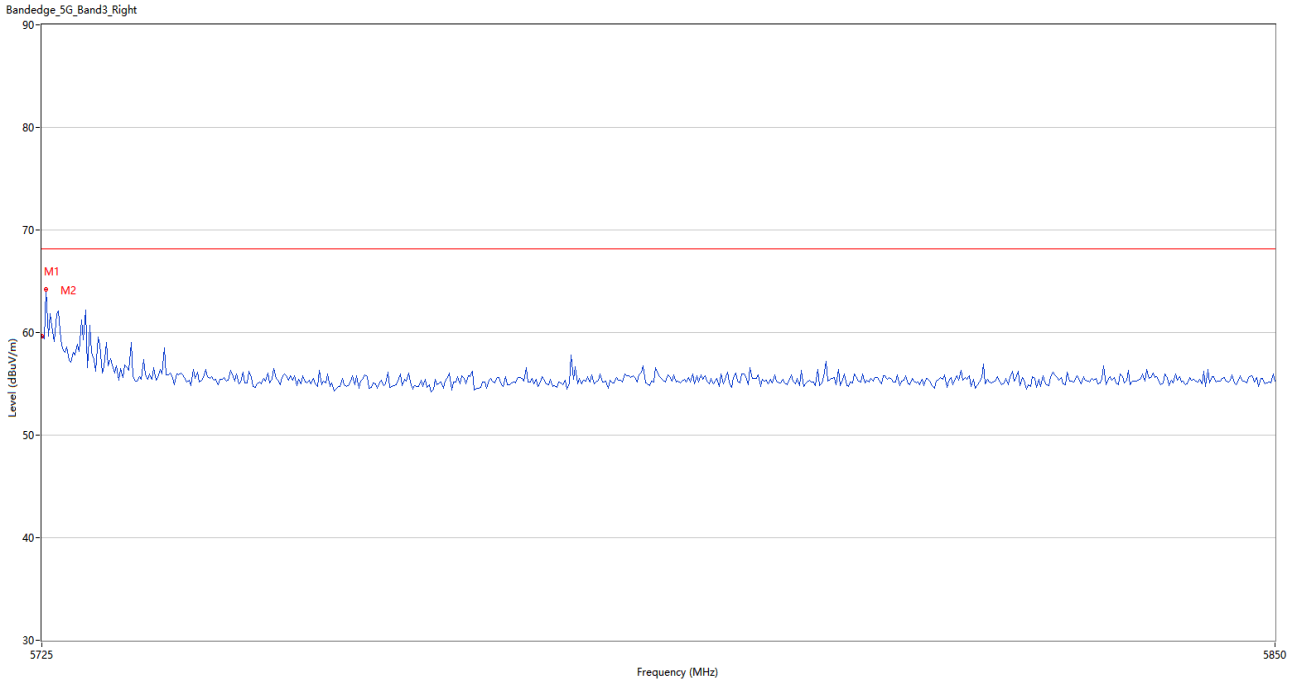
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.67	0.85	74.0	6.33	Peak	57.00	200	Horizontal	Pass
1**	5350.000	51.29	0.85	54.0	2.71	AV	57.00	200	Horizontal	Pass
2	5359.717	72.00	0.82	74.0	2.00	Peak	286.00	150	Horizontal	Pass
2**	5359.717	49.89	0.82	54.0	4.11	AV	286.00	150	Horizontal	Pass
3	5350.917	65.55	0.87	74.0	8.45	Peak	286.00	150	Horizontal	Pass
3**	5350.917	51.70	0.87	54.0	2.30	AV	286.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



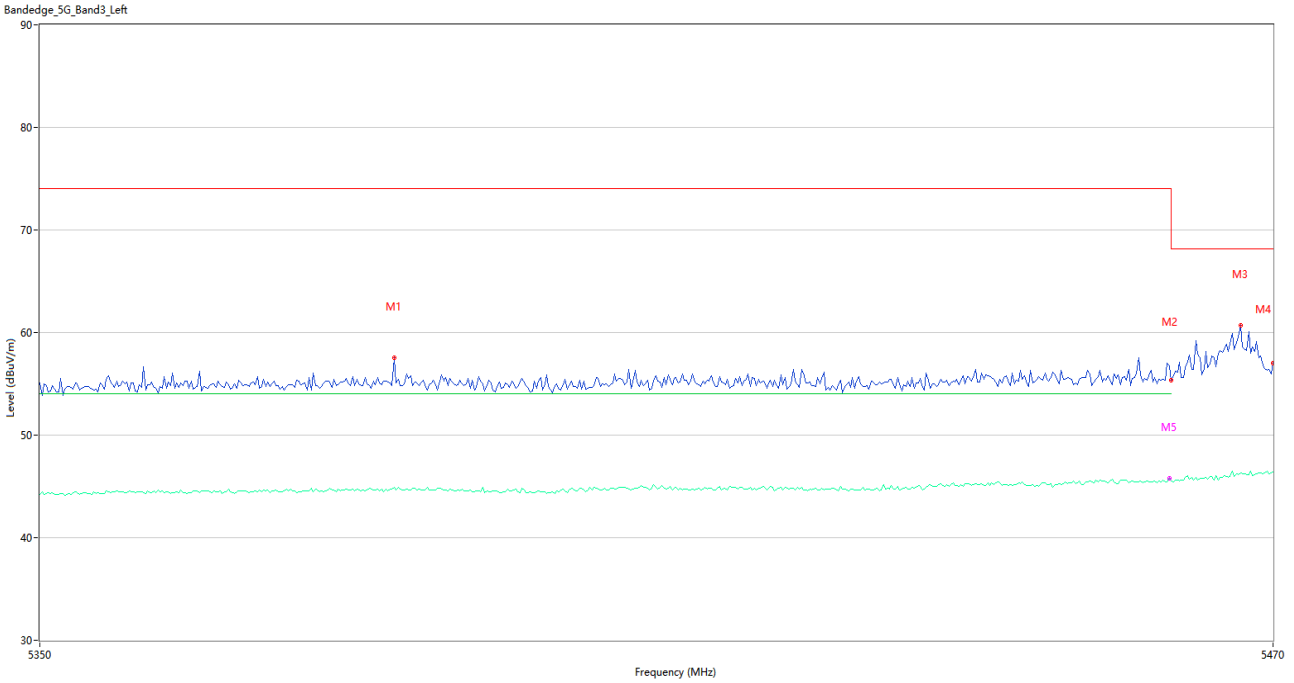
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5449.400	56.77	1.26	74.0	17.23	Peak	306.00	150	Horizontal	Pass
1**	5449.400	45.61	1.26	54.0	8.39	AV	306.00	150	Horizontal	Pass
2	5460.000	55.47	1.23	74.0	18.53	Peak	337.00	200	Horizontal	Pass
2**	5460.000	45.86	1.23	54.0	8.14	AV	337.00	200	Horizontal	Pass
3	5469.600	58.08	1.37	68.2	10.12	Peak	16.00	150	Horizontal	Pass
3**	5469.600	46.34	1.37	--	--	AV	16.00	150	Horizontal	N/A
4	5470.000	57.22	1.37	68.2	10.98	Peak	37.00	100	Horizontal	Pass
4**	5470.000	46.08	1.37	--	--	AV	37.00	100	Horizontal	N/A
5	5459.200	56.39	1.24	74.0	17.61	Peak	293.00	150	Horizontal	Pass
5**	5459.200	46.13	1.24	54.0	7.87	AV	293.00	150	Horizontal	Pass

U-NII-2C 11a High Channel



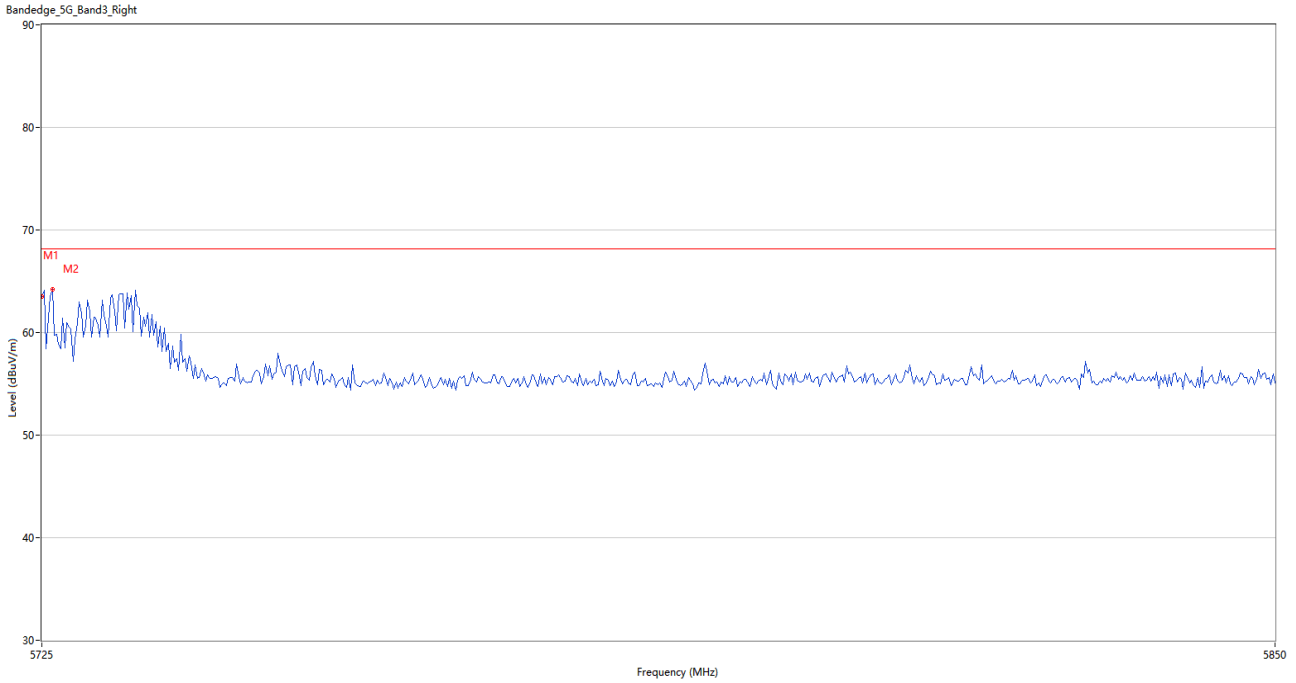
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.68	0.63	68.2	8.52	Peak	286.00	150	Horizontal	Pass
2	5725.416	64.22	0.64	68.2	3.98	Peak	286.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



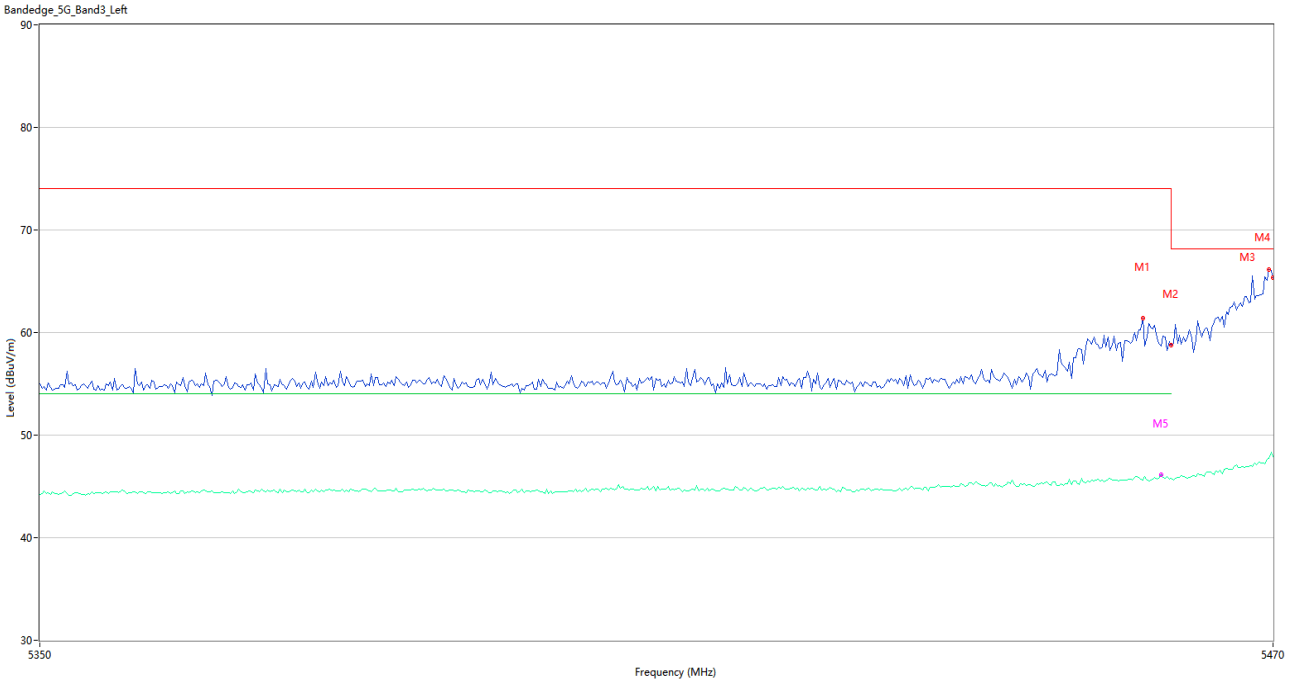
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5384.200	57.50	0.88	74.0	16.50	Peak	256.00	200	Horizontal	Pass
1**	5384.200	44.93	0.88	54.0	9.07	AV	256.00	200	Horizontal	Pass
2	5460.000	55.34	1.23	74.0	18.66	Peak	180.00	150	Horizontal	Pass
2**	5460.000	45.54	1.23	54.0	8.46	AV	180.00	150	Horizontal	Pass
3	5466.800	60.68	1.32	68.2	7.52	Peak	286.00	200	Horizontal	Pass
3**	5466.800	46.28	1.32	--	--	AV	286.00	200	Horizontal	N/A
4	5470.000	57.02	1.37	68.2	11.18	Peak	291.00	150	Horizontal	Pass
4**	5470.000	46.39	1.37	--	--	AV	291.00	150	Horizontal	N/A
5	5459.800	56.77	1.23	74.0	17.23	Peak	291.00	150	Horizontal	Pass
5**	5459.800	45.80	1.23	54.0	8.20	AV	291.00	150	Horizontal	Pass

U-NII-2C 11n20 High Channel



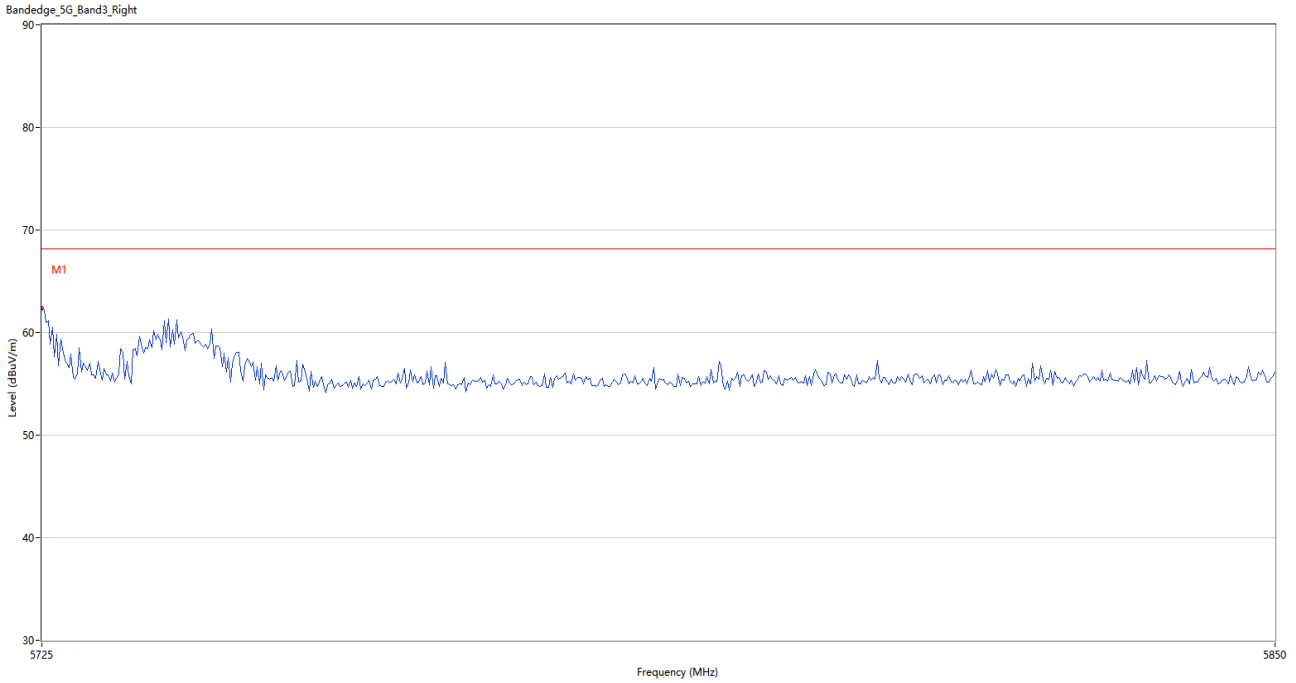
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.48	0.63	68.2	4.72	Peak	288.00	100	Horizontal	Pass
2	5726.042	64.19	0.65	68.2	4.01	Peak	294.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel



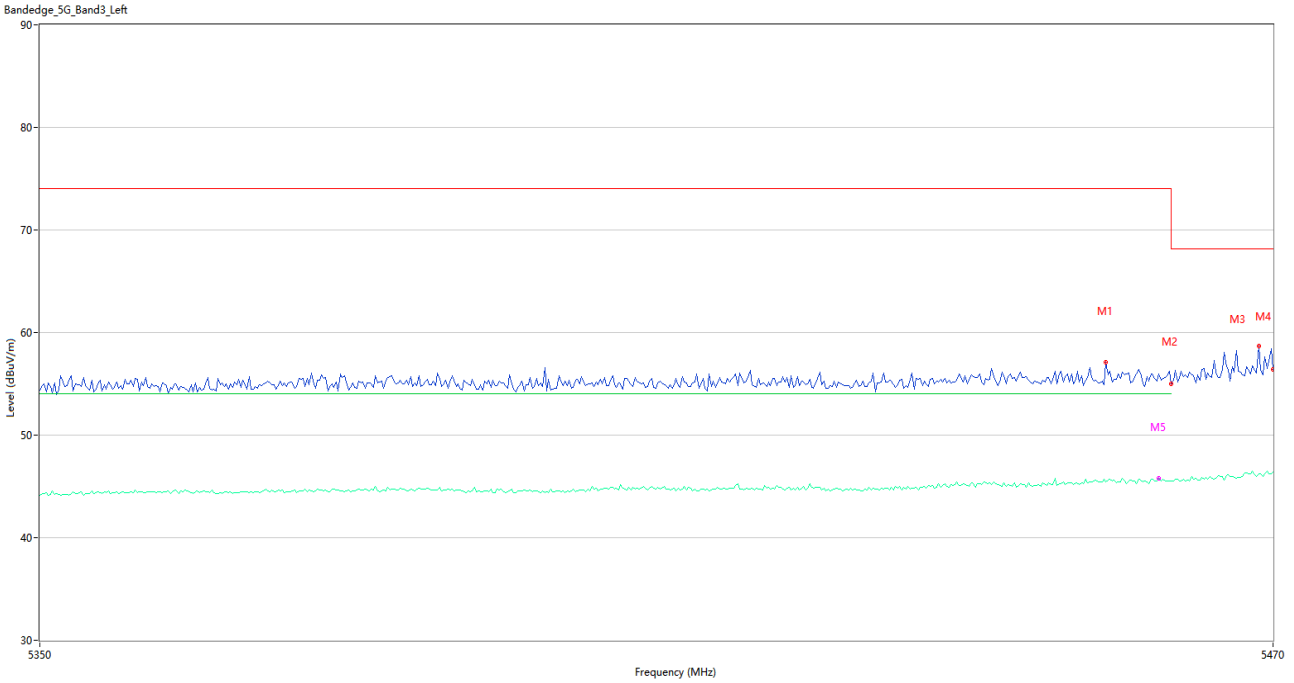
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.200	61.44	1.16	74.0	12.56	Peak	284.00	100	Horizontal	Pass
1**	5457.200	45.58	1.16	54.0	8.42	AV	284.00	100	Horizontal	Pass
2	5460.000	58.73	1.23	74.0	15.27	Peak	295.00	150	Horizontal	Pass
2**	5460.000	45.75	1.23	54.0	8.25	AV	295.00	150	Horizontal	Pass
3	5469.600	66.17	1.37	68.2	2.03	Peak	284.00	150	Horizontal	Pass
3**	5469.600	47.74	1.37	--	--	AV	284.00	150	Horizontal	N/A
4	5470.000	65.36	1.37	68.2	2.84	Peak	284.00	100	Horizontal	Pass
4**	5470.000	47.91	1.37	--	--	AV	284.00	100	Horizontal	N/A
5	5459.000	58.69	1.24	74.0	15.31	Peak	28.00	150	Horizontal	Pass
5**	5459.000	46.14	1.24	54.0	7.86	AV	28.00	150	Horizontal	Pass

U-NII-2C 11n40 High Channel



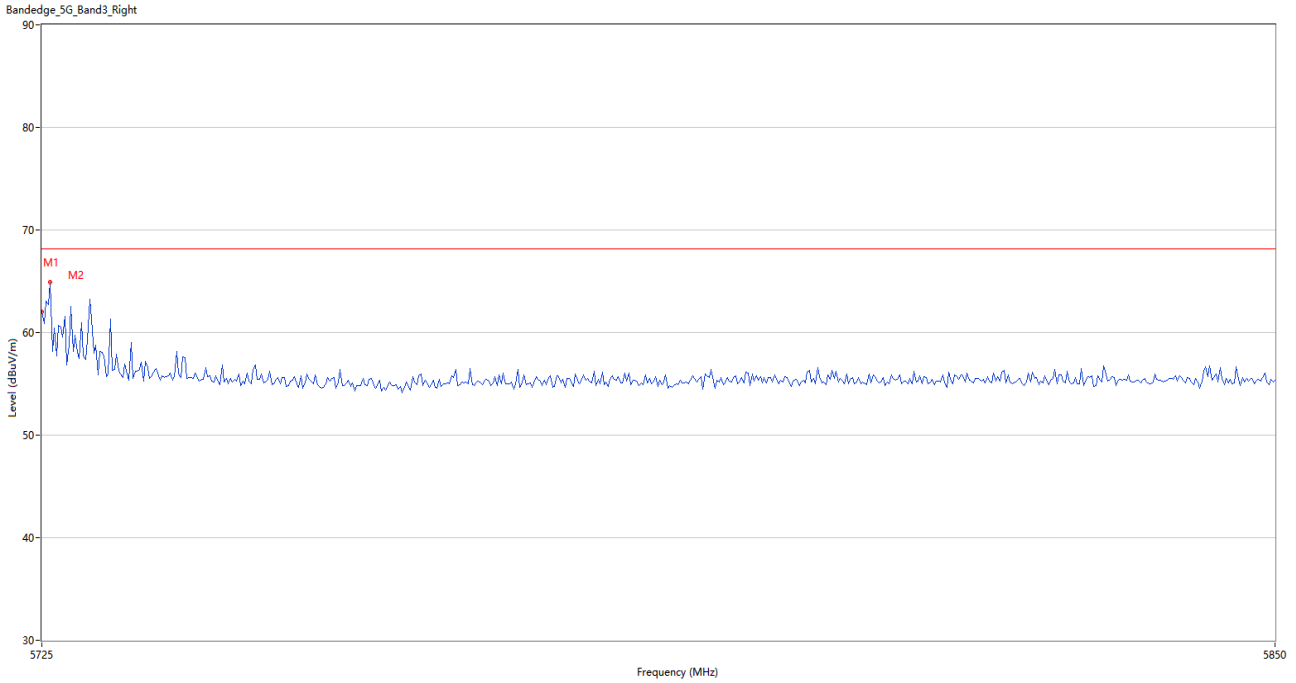
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.39	0.63	68.2	5.81	Peak	289.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



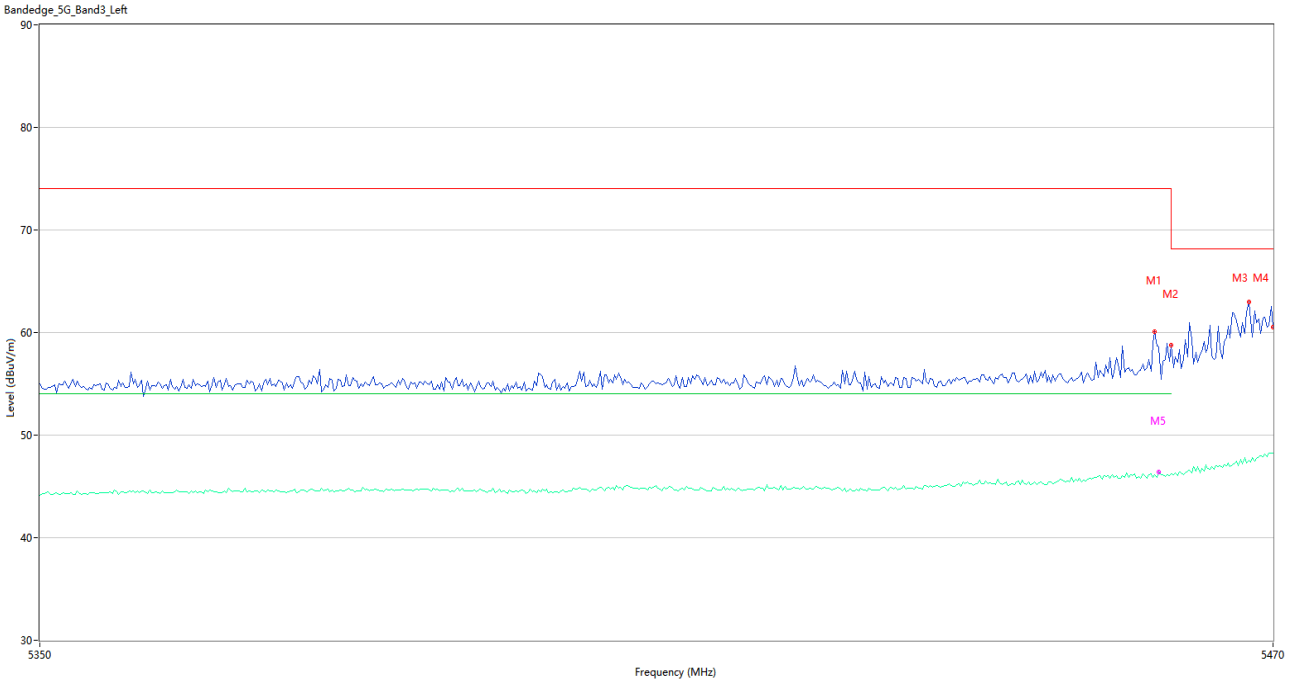
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5453.600	57.12	1.25	74.0	16.88	Peak	165.00	150	Horizontal	Pass
1**	5453.600	45.42	1.25	54.0	8.58	AV	165.00	150	Horizontal	Pass
2	5460.000	55.00	1.23	74.0	19.00	Peak	160.00	100	Horizontal	Pass
2**	5460.000	45.51	1.23	54.0	8.49	AV	160.00	100	Horizontal	Pass
3	5468.600	58.68	1.35	68.2	9.52	Peak	287.00	100	Horizontal	Pass
3**	5468.600	46.24	1.35	--	--	AV	287.00	100	Horizontal	N/A
4	5470.000	56.42	1.37	68.2	11.78	Peak	188.00	100	Horizontal	Pass
4**	5470.000	46.37	1.37	--	--	AV	188.00	100	Horizontal	N/A
5	5458.800	55.99	1.23	74.0	18.01	Peak	287.00	150	Horizontal	Pass
5**	5458.800	45.77	1.23	54.0	8.23	AV	287.00	150	Horizontal	Pass

U-NII-2C 11ac20 High Channel



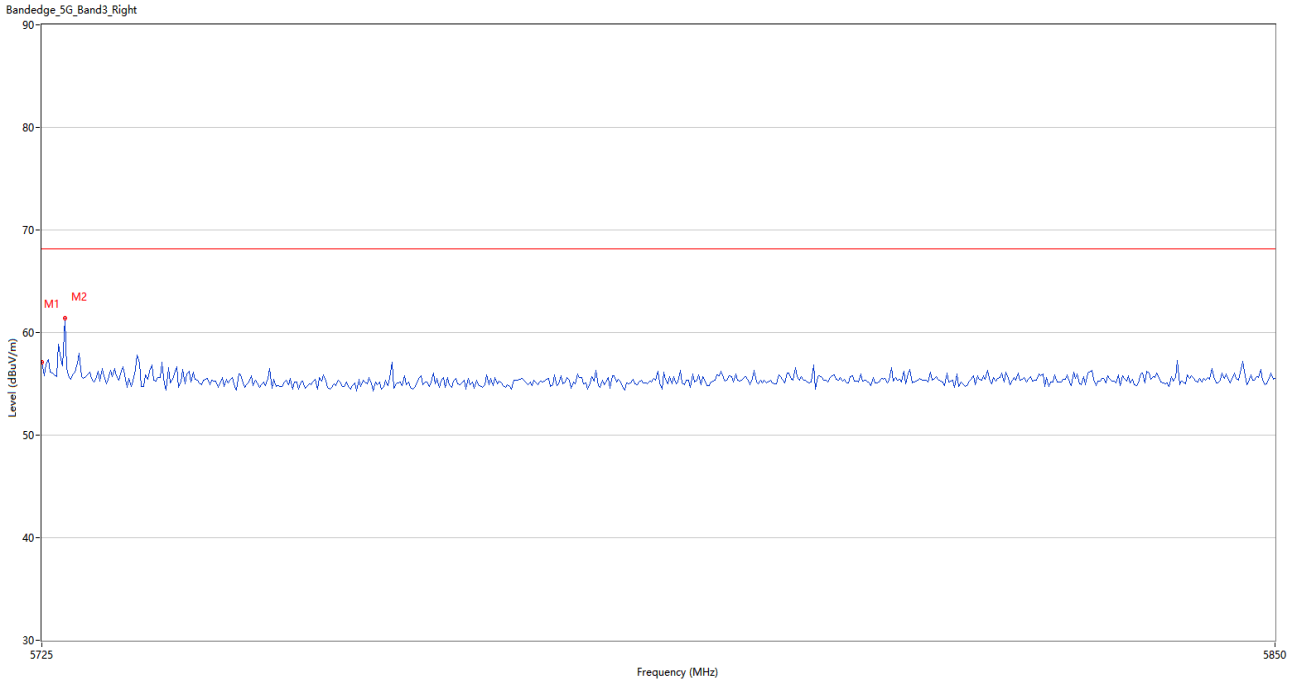
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.03	0.63	68.2	6.17	Peak	280.00	100	Horizontal	Pass
2	5725.834	64.88	0.64	68.2	3.32	Peak	304.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



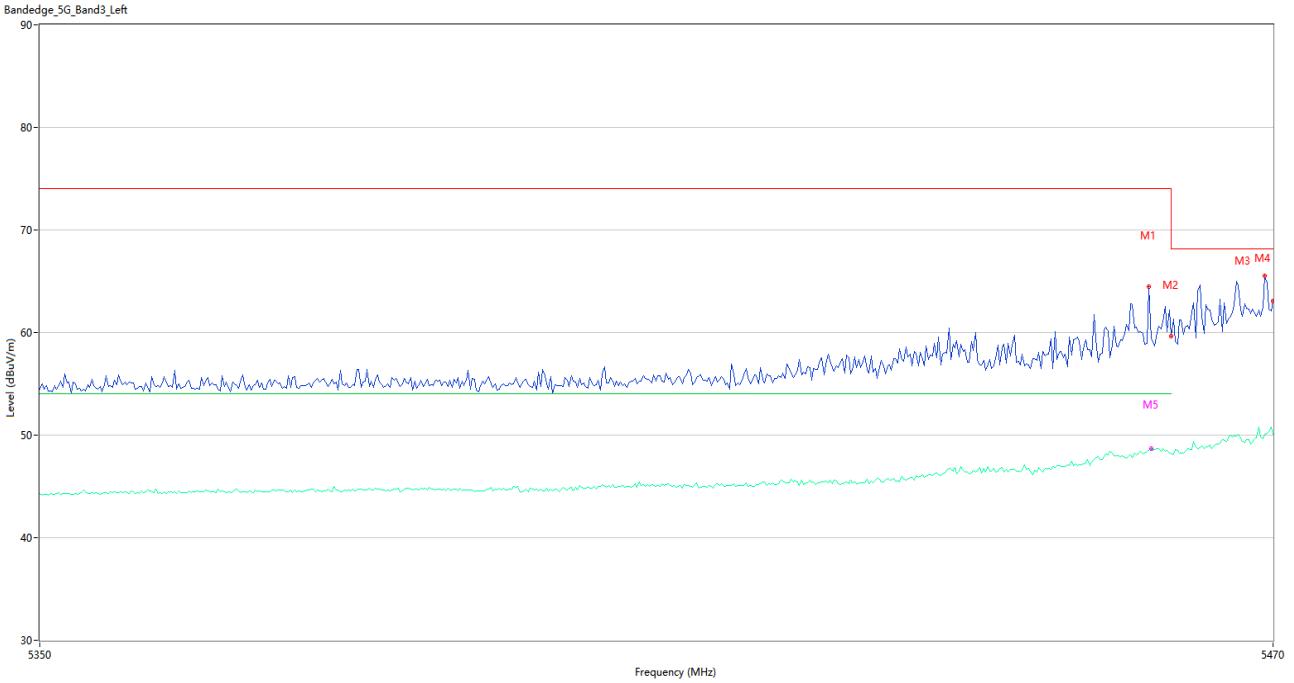
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.400	60.06	1.21	74.0	13.94	Peak	292.00	150	Horizontal	Pass
1**	5458.400	46.10	1.21	54.0	7.90	AV	292.00	150	Horizontal	Pass
2	5460.000	58.76	1.23	74.0	15.24	Peak	281.00	150	Horizontal	Pass
2**	5460.000	46.27	1.23	54.0	7.73	AV	281.00	150	Horizontal	Pass
3	5467.600	62.96	1.33	68.2	5.24	Peak	287.00	200	Horizontal	Pass
3**	5467.600	47.54	1.33	--	--	AV	287.00	200	Horizontal	N/A
4	5470.000	60.52	1.37	68.2	7.68	Peak	1.00	100	Horizontal	Pass
4**	5470.000	48.22	1.37	--	--	AV	1.00	100	Horizontal	N/A
5	5458.800	58.56	1.23	74.0	15.44	Peak	289.00	150	Horizontal	Pass
5**	5458.800	46.39	1.23	54.0	7.61	AV	289.00	150	Horizontal	Pass

U-NII-2C 11ac40 High Channel



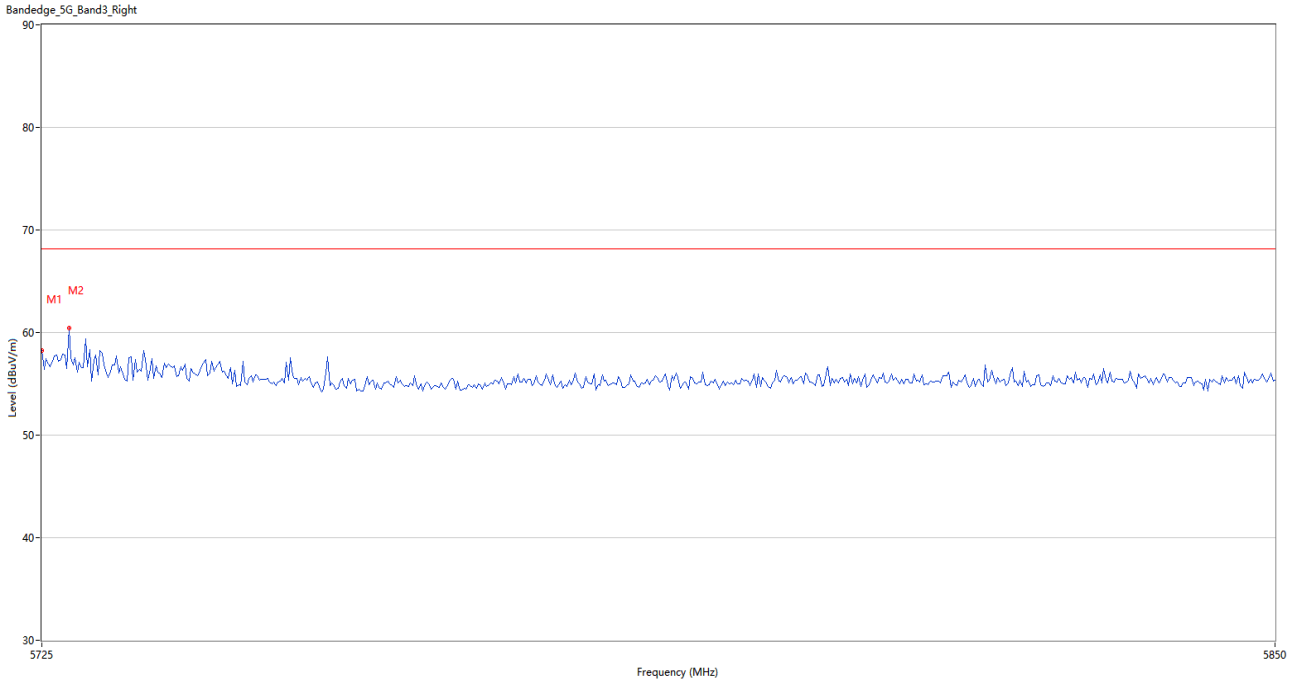
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.11	0.63	68.2	11.09	Peak	293.00	200	Horizontal	Pass
2	5727.291	61.38	0.64	68.2	6.82	Peak	294.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



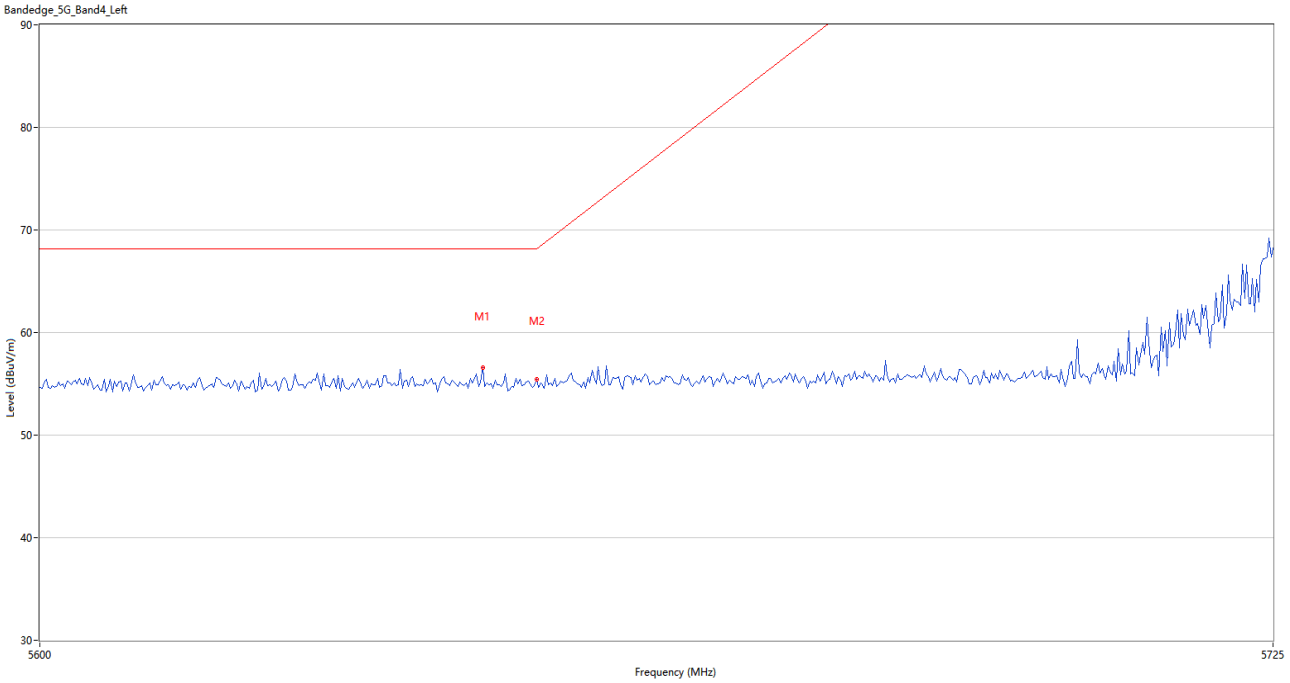
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.800	64.50	1.19	74.0	9.50	Peak	296.00	200	Horizontal	Pass
1**	5457.800	48.55	1.19	54.0	5.45	AV	296.00	200	Horizontal	Pass
2	5460.000	59.68	1.23	74.0	14.32	Peak	290.00	200	Horizontal	Pass
2**	5460.000	48.18	1.23	54.0	5.82	AV	290.00	200	Horizontal	Pass
3	5469.200	65.56	1.36	68.2	2.64	Peak	290.00	150	Horizontal	Pass
3**	5469.200	50.09	1.36	--	--	AV	290.00	150	Horizontal	N/A
4	5470.000	63.06	1.37	68.2	5.14	Peak	42.00	150	Horizontal	Pass
4**	5470.000	50.06	1.37	--	--	AV	42.00	150	Horizontal	N/A
5	5458.000	59.35	1.20	74.0	14.65	Peak	54.00	150	Horizontal	Pass
5**	5458.000	48.70	1.20	54.0	5.30	AV	54.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel



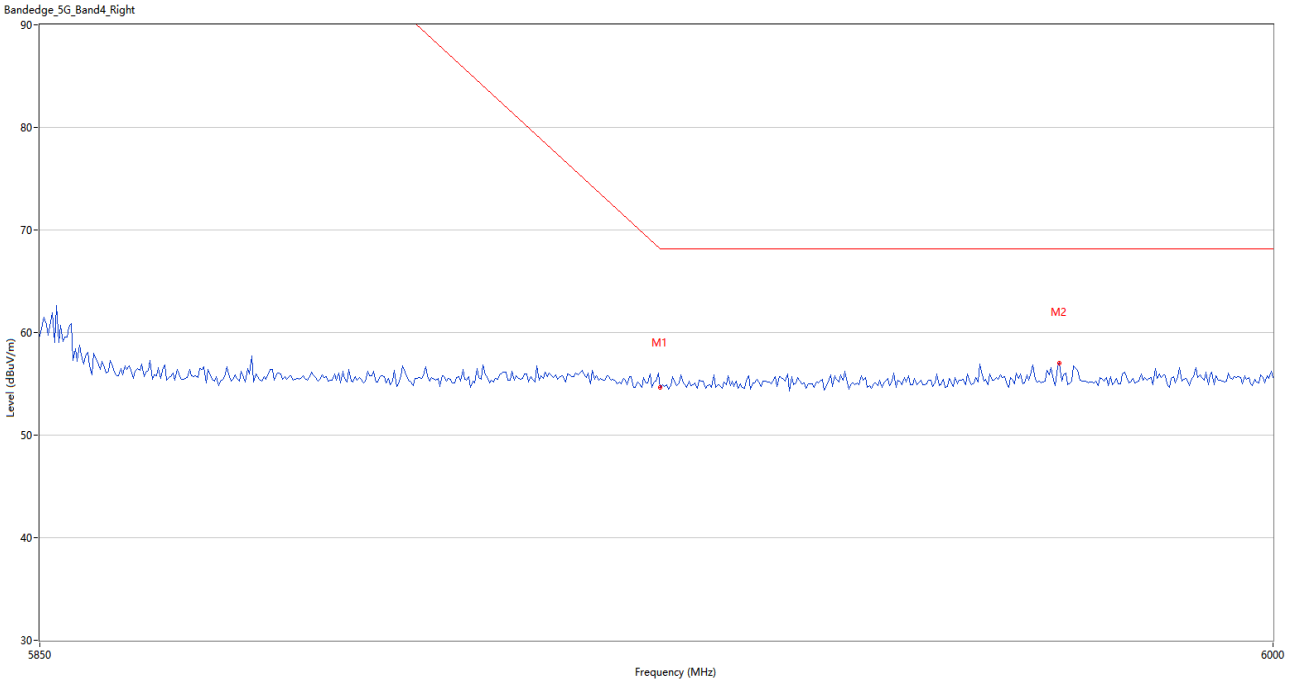
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.23	0.63	68.2	9.97	Peak	288.00	100	Horizontal	Pass
2	5727.709	60.46	0.63	68.2	7.74	Peak	288.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



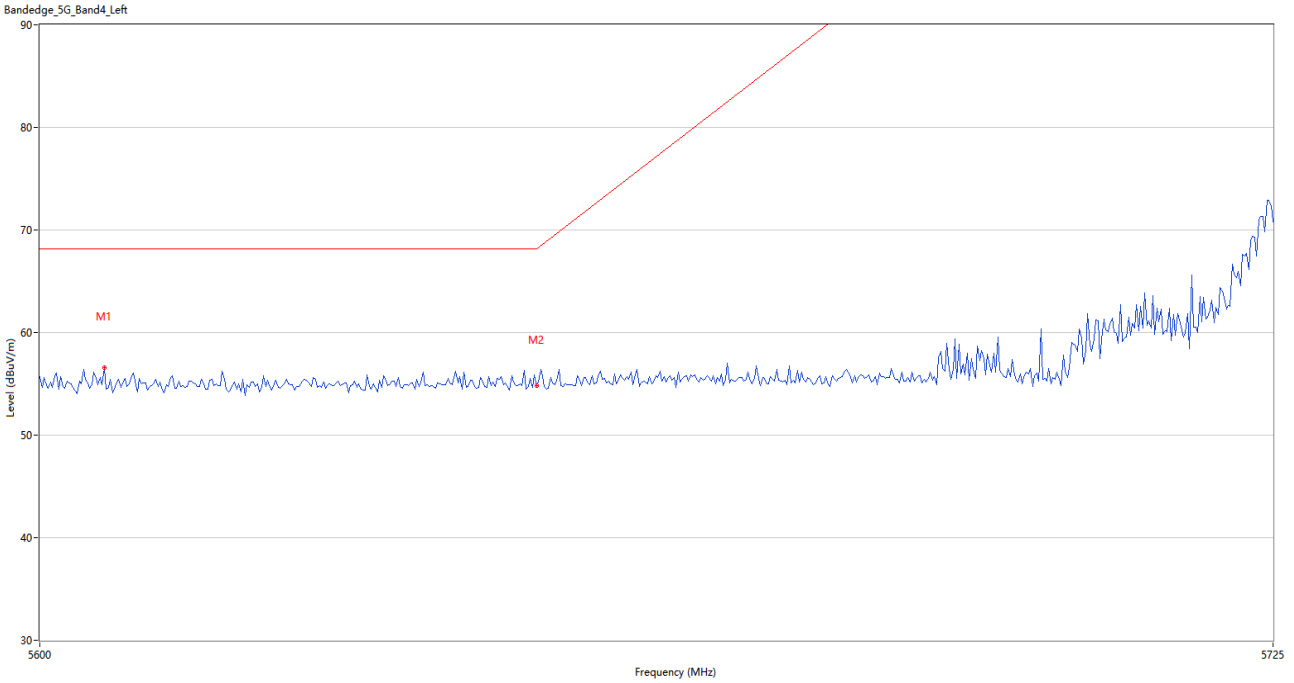
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.583	56.54	0.88	68.2	11.66	Peak	32.00	100	Horizontal	Pass
2	5650.000	55.44	0.79	68.2	12.76	Peak	100.00	100	Horizontal	Pass

U-NII-3 11a High Channel



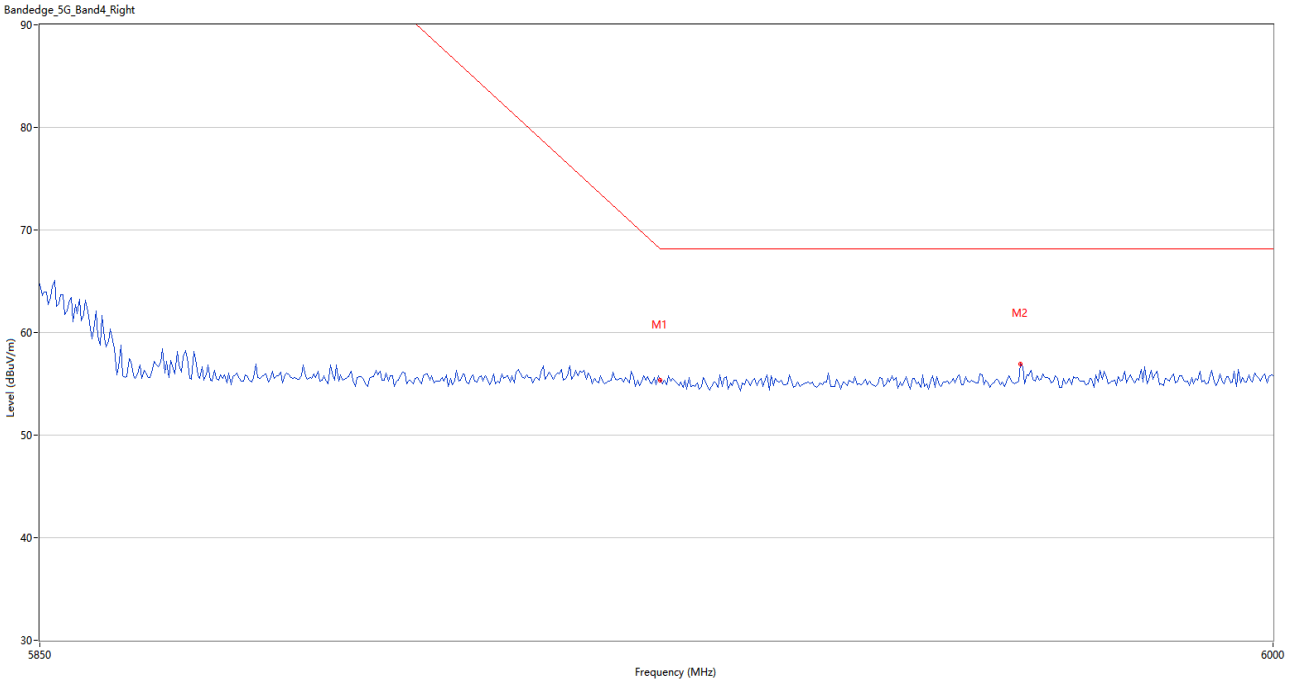
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.66	1.08	68.2	13.54	Peak	23.00	200	Horizontal	Pass
2	5973.750	57.03	1.16	68.2	11.17	Peak	184.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



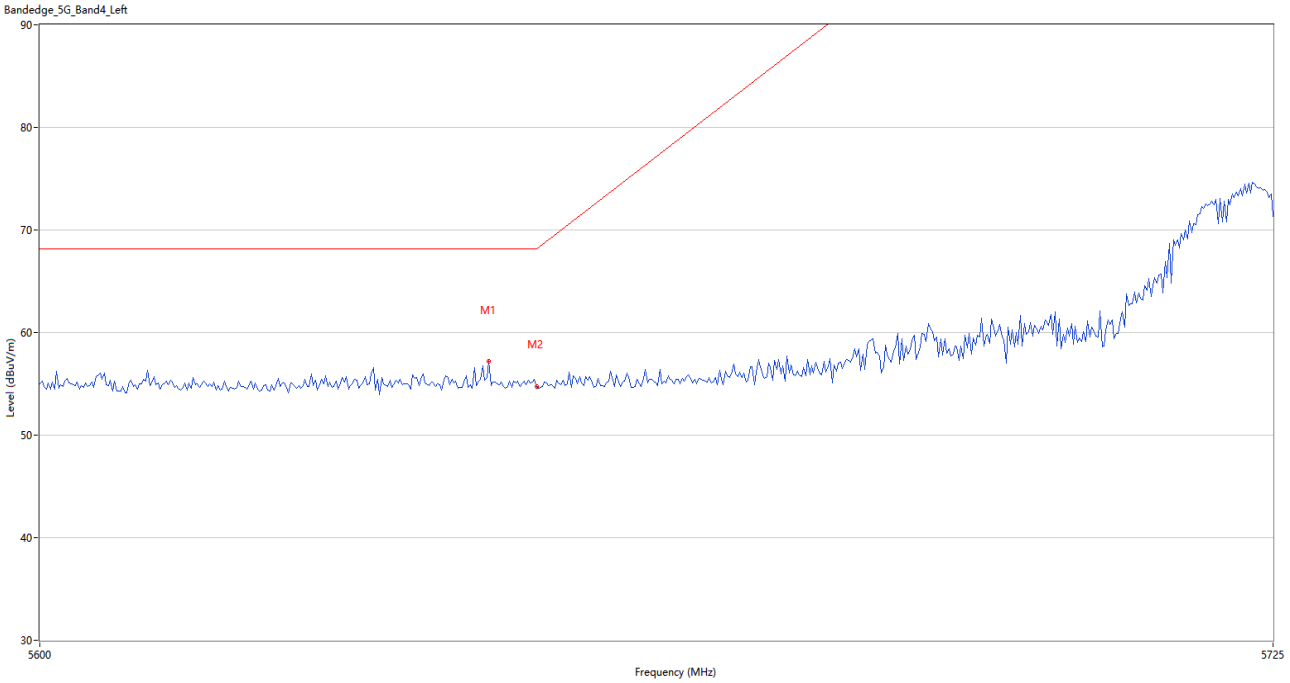
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5606.458	56.62	0.65	68.2	11.58	Peak	331.00	150	Horizontal	Pass
2	5650.000	54.79	0.79	68.2	13.41	Peak	0.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



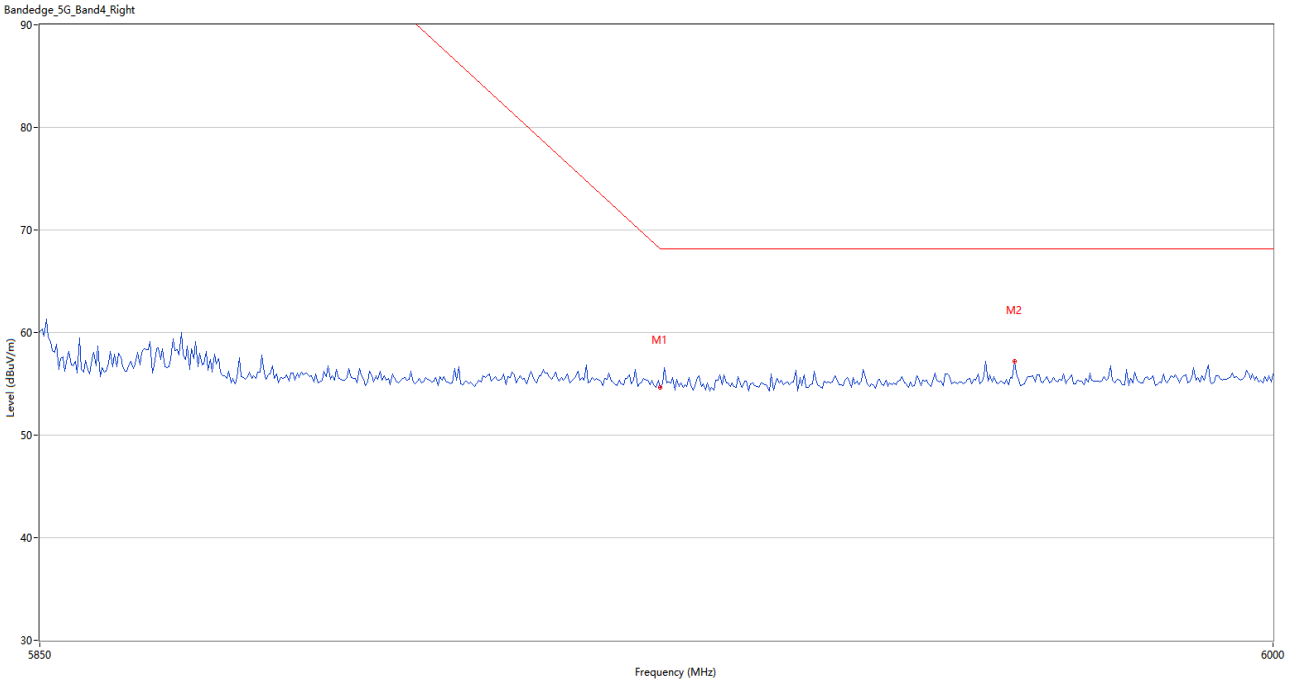
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.35	1.08	68.2	12.85	Peak	360.00	100	Horizontal	Pass
2	5969.000	56.92	1.15	68.2	11.28	Peak	262.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



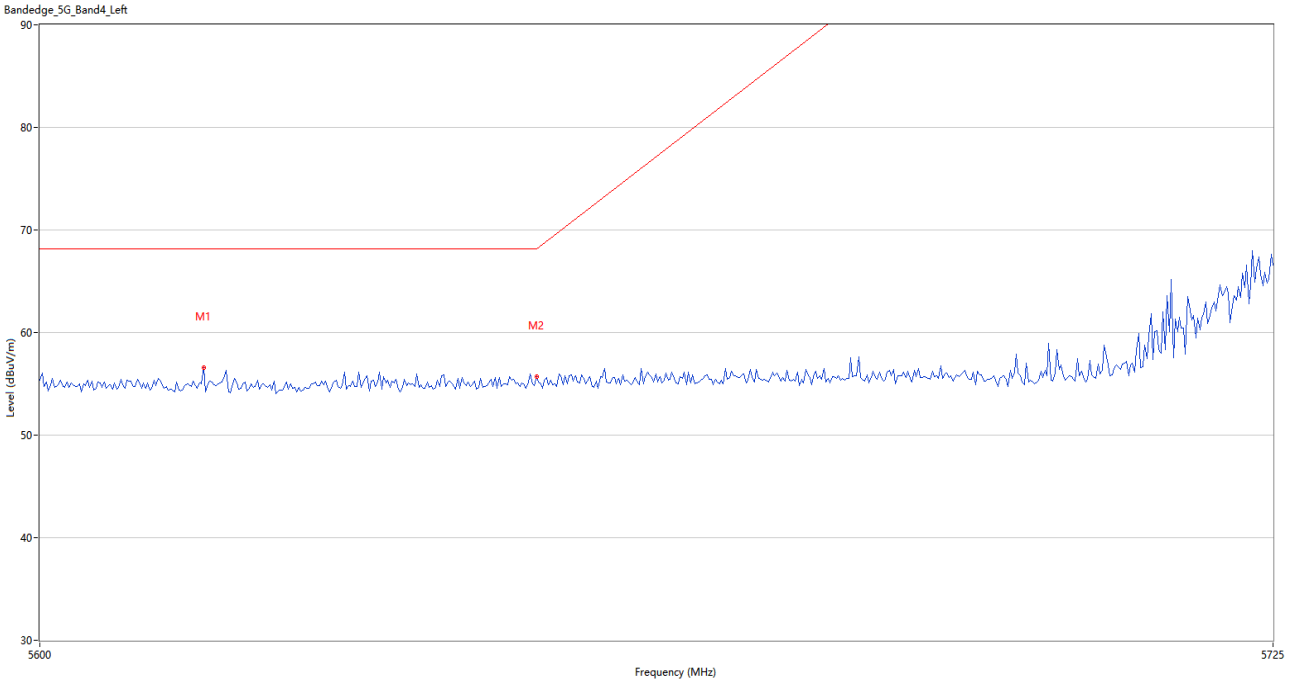
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.209	57.23	0.88	68.2	10.97	Peak	287.00	200	Horizontal	Pass
2	5650.000	54.74	0.79	68.2	13.46	Peak	192.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



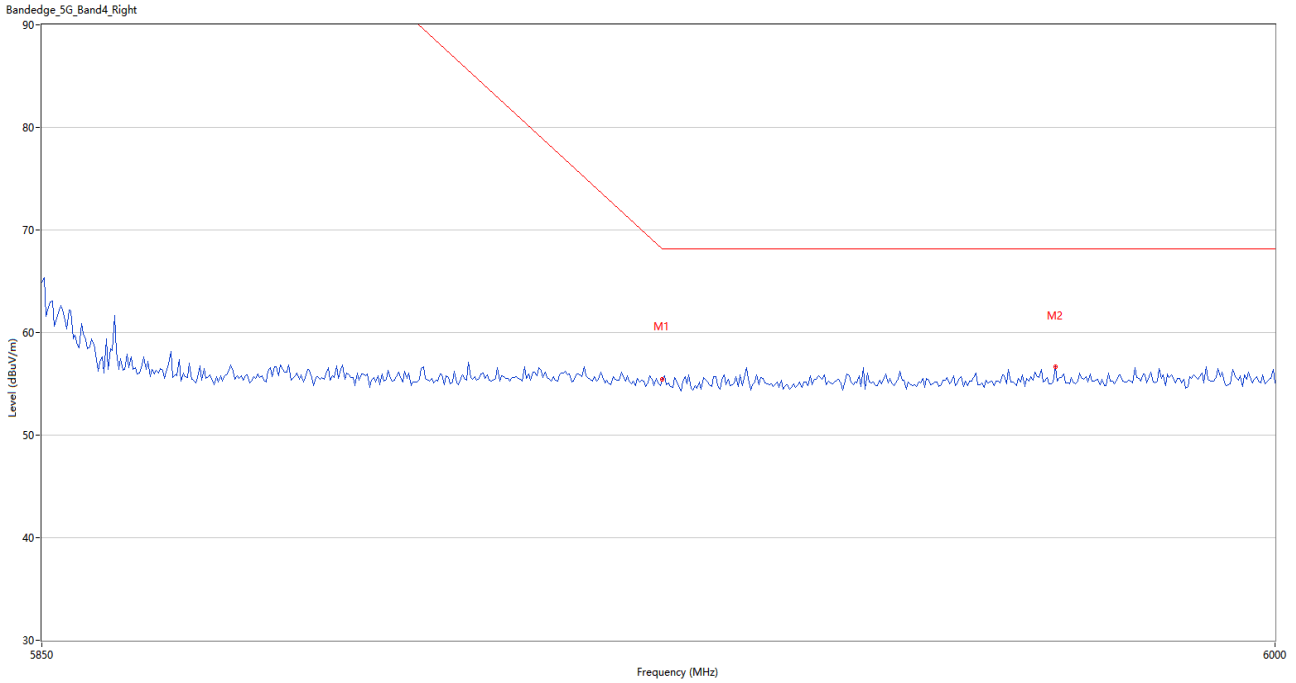
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.67	1.08	68.2	13.53	Peak	305.00	150	Horizontal	Pass
2	5968.250	57.17	1.10	68.2	11.03	Peak	286.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



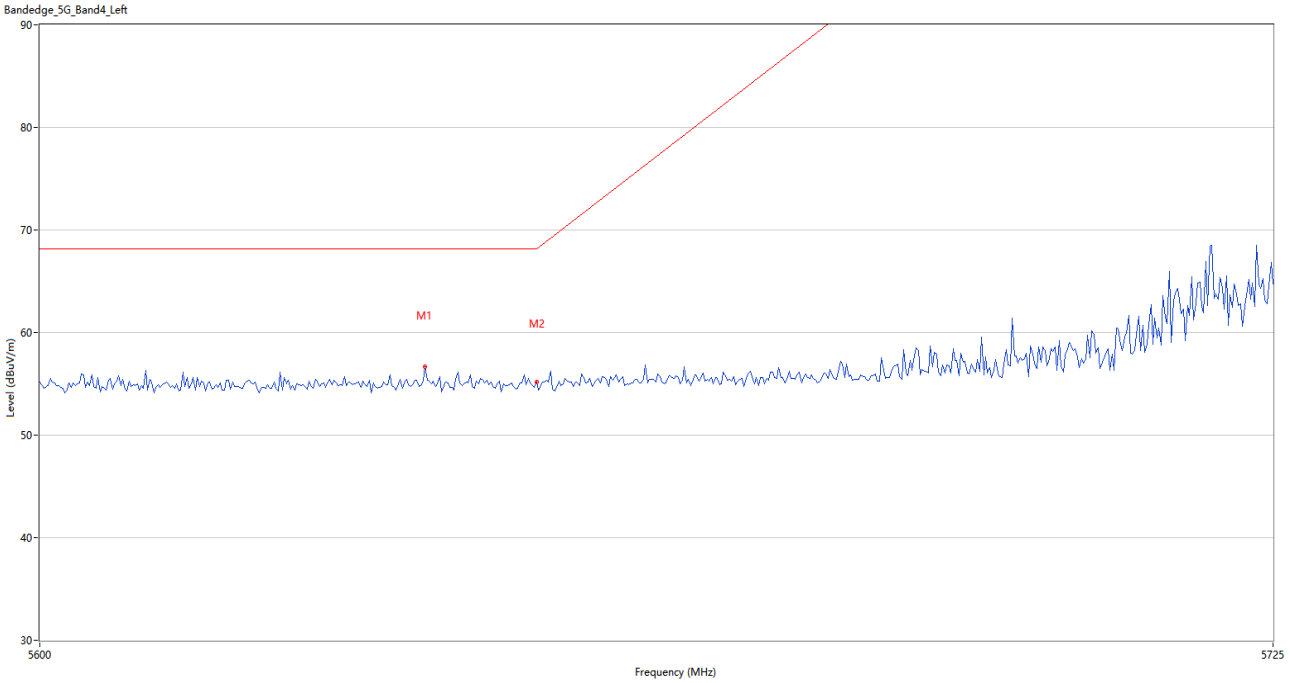
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5616.459	56.57	0.68	68.2	11.63	Peak	166.00	100	Horizontal	Pass
2	5650.000	55.74	0.79	68.2	12.46	Peak	294.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



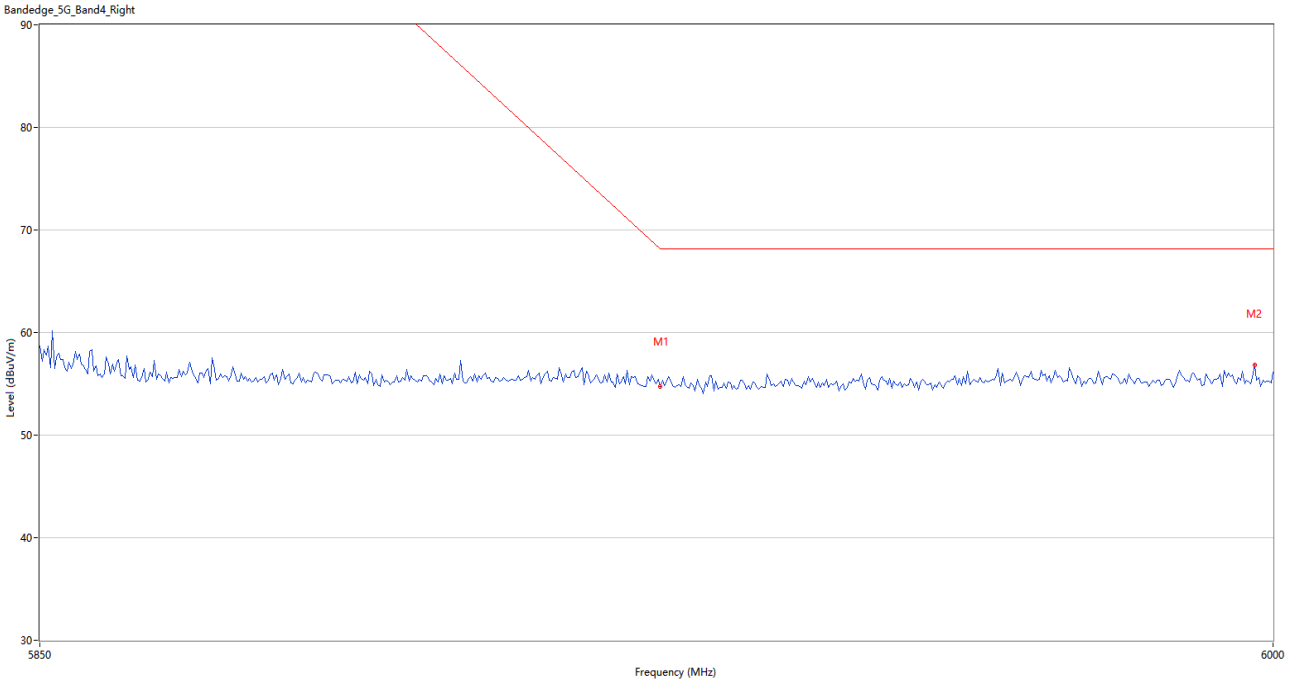
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.40	1.08	68.2	12.80	Peak	189.00	200	Horizontal	Pass
2	5973.000	56.71	1.18	68.2	11.49	Peak	203.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



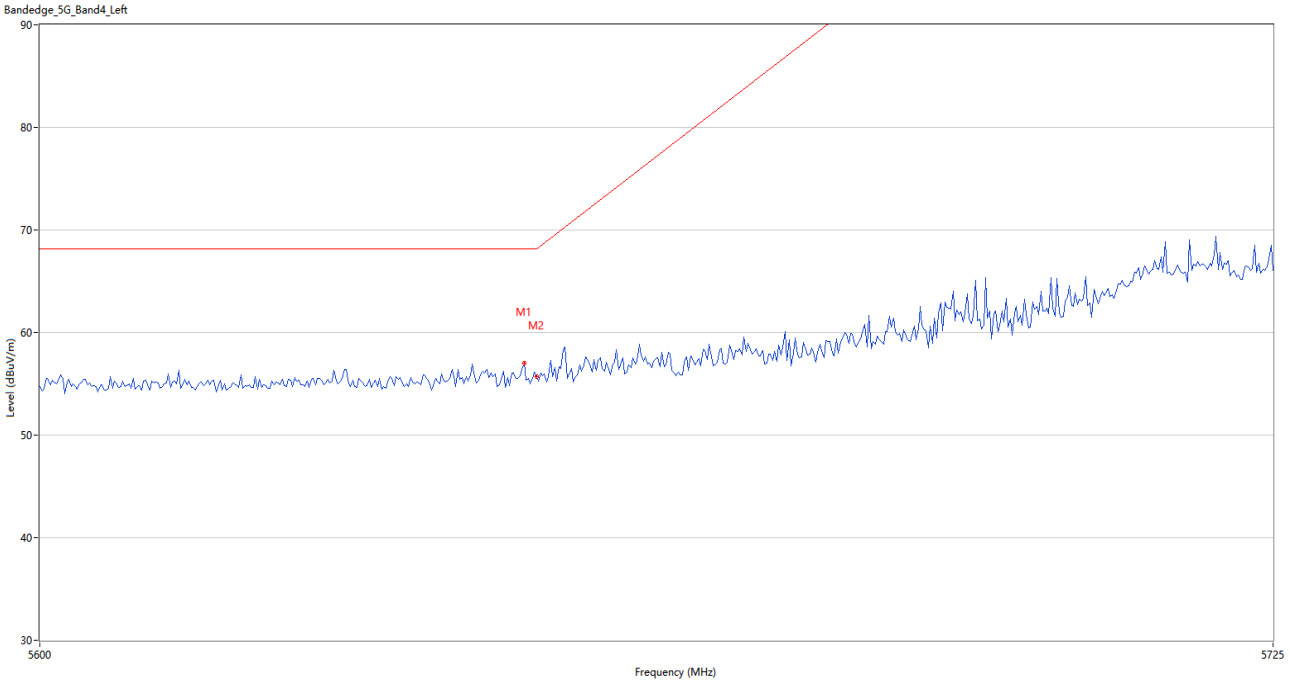
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.750	56.69	0.96	68.2	11.51	Peak	287.00	200	Horizontal	Pass
2	5650.000	55.17	0.79	68.2	13.03	Peak	227.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel



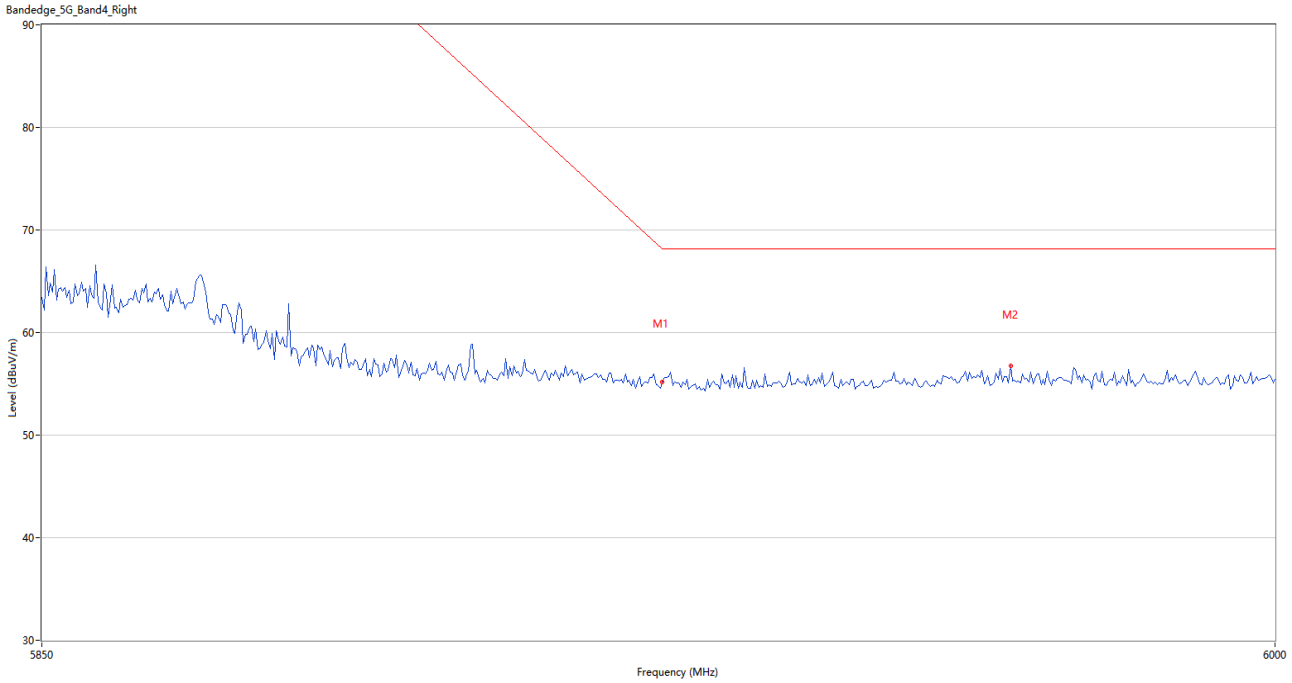
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.71	1.08	68.2	13.49	Peak	284.00	100	Horizontal	Pass
2	5997.750	56.83	0.94	68.2	11.37	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.750	57.06	0.77	68.2	11.14	Peak	33.00	200	Horizontal	Pass
2	5650.000	55.72	0.79	68.2	12.48	Peak	242.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.16	1.08	68.2	13.04	Peak	344.00	200	Horizontal	Pass
2	5967.500	56.71	1.05	68.2	11.49	Peak	195.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2390677-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2390677-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2390677-AI.PDF”.

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