

TEST REPORT

Applicant: Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address: No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Equipment Type: Mobile Phone
Model Name: RMX3910
Brand Name: realme
FCC ID: 2AUYFRMX3910
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Jan. 19, 2024
Test Date: Jan. 24, 2024 - Feb. 07, 2024
Date of Issue: Mar. 07, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan

Checked by: Ye Hongji

Approved by: Liao Jianming
(Technical Director)



Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Mar. 07, 2024</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	4
1.1	Test Laboratory	4
1.2	Test Location	4
2	PRODUCT INFORMATION	5
2.1	Applicant Information	5
2.2	Manufacturer Information.....	5
2.3	General Description for Equipment under Test (EUT).....	5
2.4	Technical Information	6
2.5	Channel List	7
3	SUMMARY OF TEST RESULTS	10
3.1	Test Standards	10
3.2	Test Verdict	10
4	GENERAL TEST CONFIGURATIONS	11
4.1	Test Environments.....	11
4.2	Test Equipment List.....	11
4.3	Test Software List.....	12
4.4	Measurement Uncertainty.....	12
4.5	Description of Test Setup	13
5	TEST ITEMS	16
5.1	RF Output Power.....	16
5.2	Emission Bandwidth and 6 dB Bandwidth.....	18
5.3	Power Spectral density (PSD)	19
5.4	Conducted Emission.....	20
5.5	Radiated Spurious Emissions and Band Edge (Restricted-band).....	21

ANNEX A	TEST RESULT	26
A.1	RF Output Power	26
A.2	Emission Bandwidth & 99% Bandwidth	29
A.3	6 dB Bandwidth	31
A.4	Power Spectral Density	32
A.5	Conducted Emissions	34
A.6	Radiated Spurious Emissions and Band Edge (Restricted-band).....	36
ANNEX B	TEST SETUP PHOTOS	147
ANNEX C	EUT EXTERNAL PHOTOS.....	147
ANNEX D	EUT INTERNAL PHOTOS.....	147

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	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.2 Manufacturer Information

Manufacturer	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	RMX3910
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI 5.0
Dimensions (Approx.)	about 165.66mm*76.1mm*7.64mm
Weight (Approx.)	185g (with battery)
EUT ID	S03, S11, S12
IMEI Number	S03: IMEI1: 868562070019831, IMEI2: 868562070019823
	S11: IMEI1: 868562070019955, IMEI2: 868562070019948
	S12: IMEI1: 868562070019975, IMEI2: 868562070019968

2.4 Technical Information

Network and Wireless connectivity	<p>2G Network GSM/GPRS/EDGE 850/1900 MHz</p> <p>3G Network WCDMA/HSDPA/HSUPA Band 2/4/5</p> <p>4G Network LTE FDD Band 2/4/5/7/13/66 LTE TDD Band 38/41</p> <p>Bluetooth (BR+EDR+BLE)</p> <p>2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), VHT20/40</p> <p>5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)</p> <p>U-NII-1/2A/2C/3, Beidou, Galileo, GLONASS, GPS, NFC, FM receiver</p>
-----------------------------------	---

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	<p>U-NII-1: 5150 MHz to 5250 MHz,</p> <p>U-NII-2A: 5250 MHz to 5350 MHz,</p> <p>U-NII-2C: 5470 MHz to 5725 MHz,</p> <p>U-NII-3: 5725 MHz to 5850 MHz</p>
Product Type	<p><input type="checkbox"/> Mobile</p> <p><input checked="" type="checkbox"/> Portable</p> <p><input type="checkbox"/> Fix Location</p> <p>Indoor for IC standard</p>
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	<p>802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps</p> <p>802.11n: up to 150 Mbps</p> <p>802.11ac: up to VHT-MCS9</p>
Channel Bandwidth	<p>802.11a: 20 MHz</p> <p>802.11n: 20 MHz, 40 MHz</p> <p>802.11ac: 20 MHz, 40 MHz, 80 MHz</p>
Maximum Output Power	<p>U-NII-1: 32.43 mW</p> <p>U-NII-2A: 49.32 mW</p> <p>U-NII-2C: 57.54 mW</p> <p>U-NII-3: 59.29 mW</p>
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	<p>U-NII-1: 5150 MHz to 5250 MHz: 1.45 dBi</p> <p>U-NII-2A: 5250 MHz to 5350 MHz: 1.65 dBi</p> <p>U-NII-2C: 5470 MHz to 5725 MHz: 1.98 dBi</p> <p>U-NII-3: 5725 MHz to 5850 MHz: 1.96 dBi</p>
About the Product	The equipment is Mobile Phone, 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)

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

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

For 802.11n(HT40)/ac(VHT40)

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

U-NII-2C (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)

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.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	38% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+17.3°C to +23.6°C
	LT (Low Temperature)	-12.0°C
	HT (High Temperature)	+55.0°C
Working Voltage of the EUT	NV (Normal Voltage)	3.89 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.48 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	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
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
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	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

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

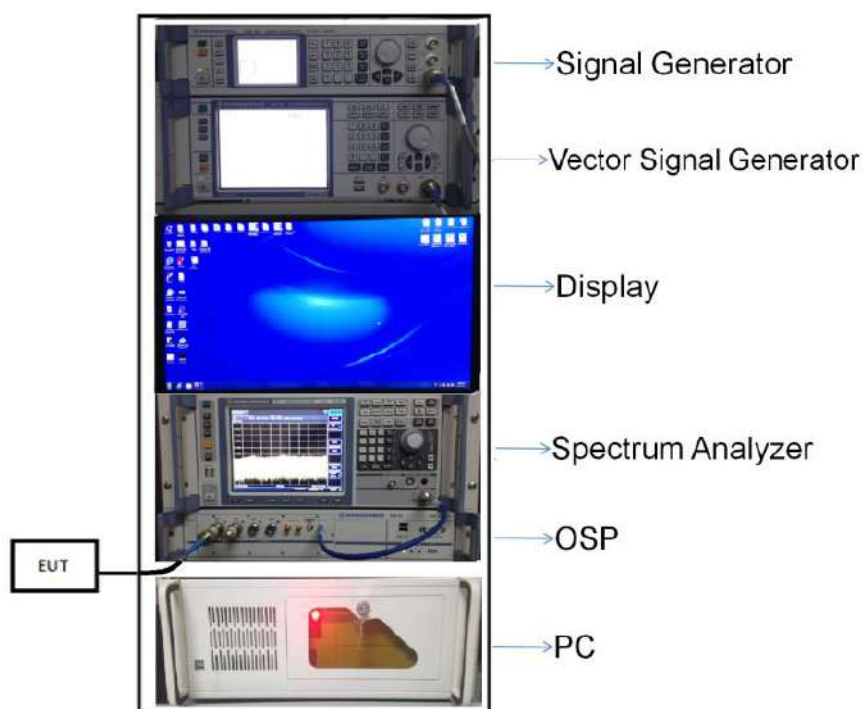
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

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

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



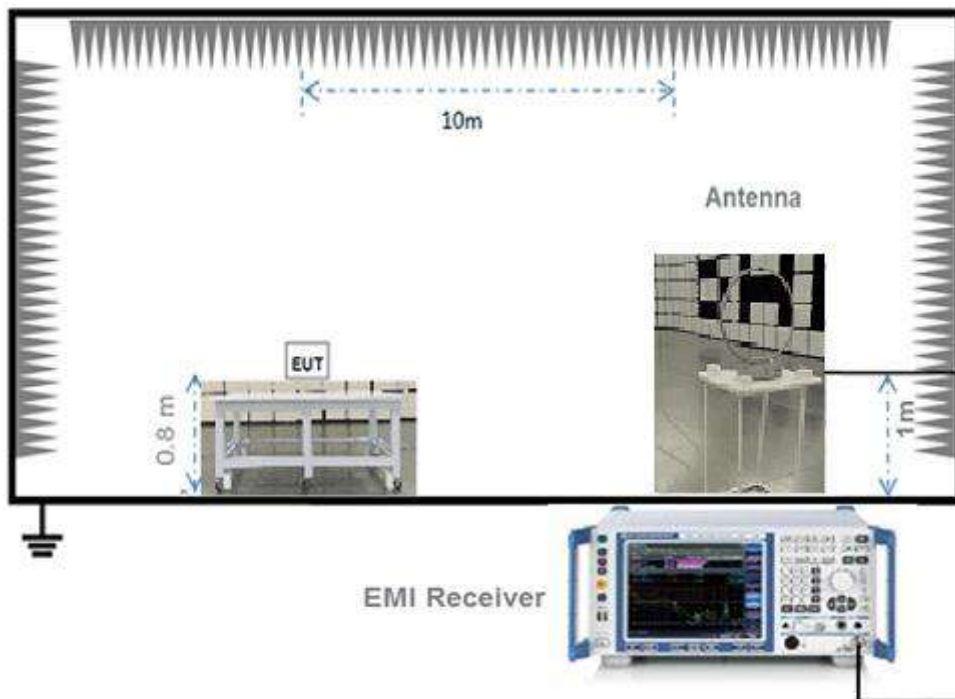
(Diagram 1)

4.5.2 For AC Power Supply Port Test



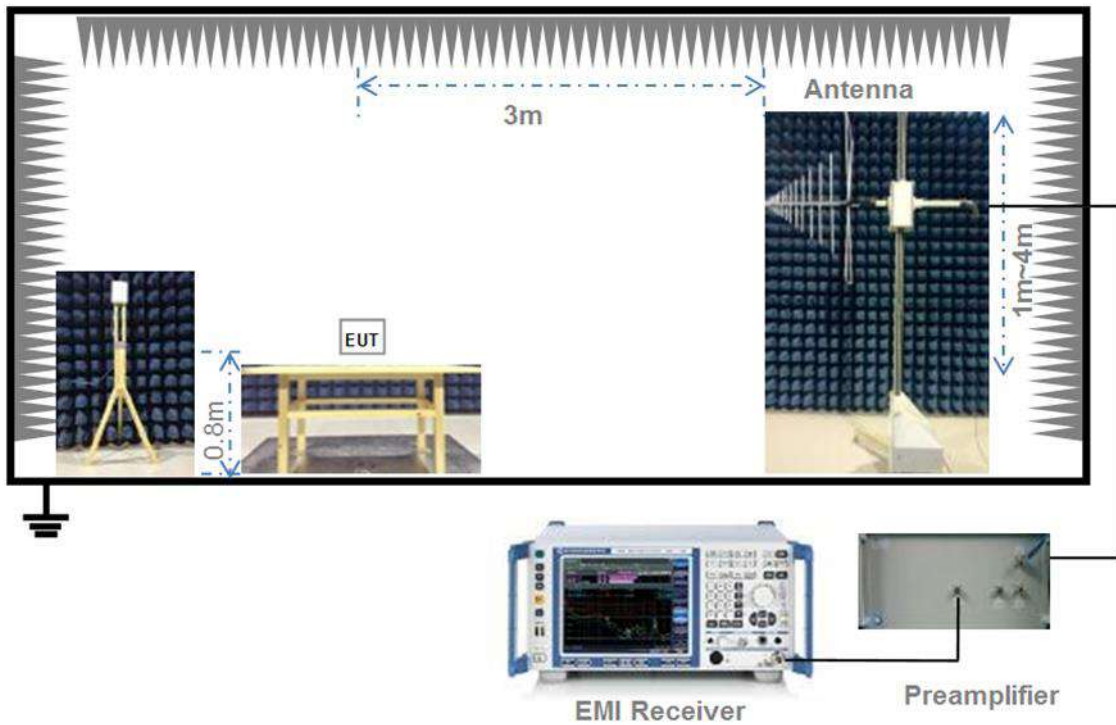
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



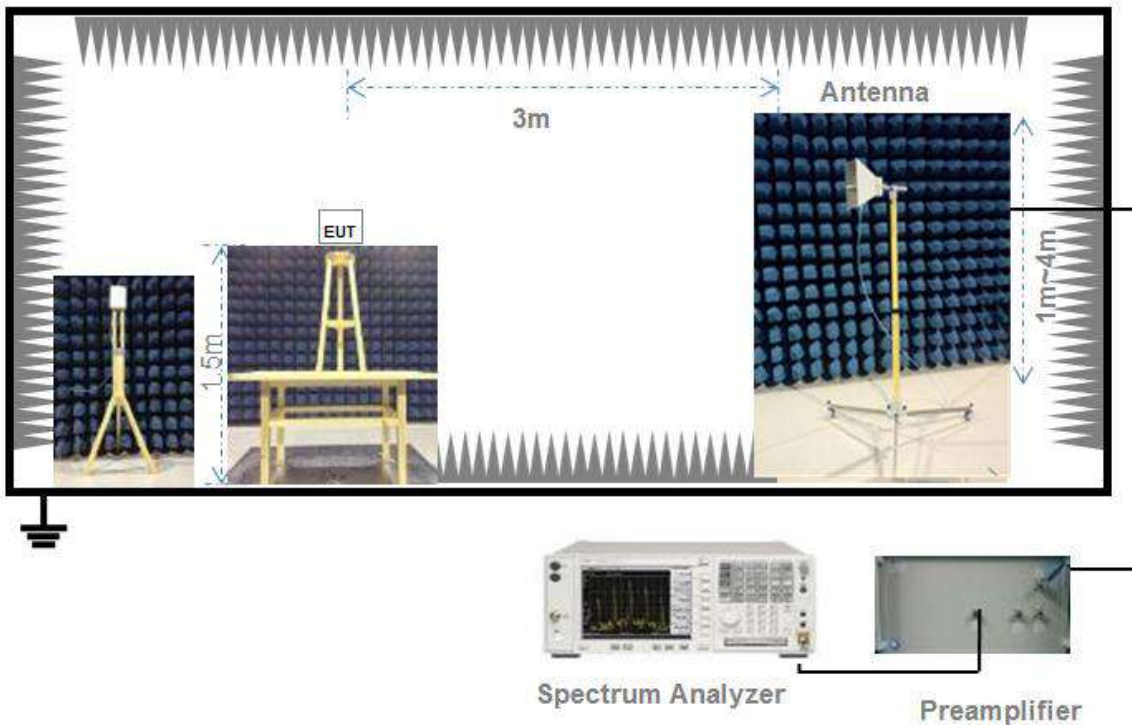
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 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 $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW \geq 3*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 50 μ H/50 Ω line impedance stabilization network (LISN).

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b),

Frequency (MHz)	Field Strength (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

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: 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	<p>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.</p>

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:

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.44	96.87%	0.14
11n (HT20)/11ac (VHT20)	1.30	1.34	97.01%	0.13
11n (HT40)/11ac (VHT40)	0.65	0.70	93.10%	0.31
11ac (VHT80)	0.32	0.37	87.54%	0.58

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.62	18.28	250	Pass
11a	CH44	14.72	29.65	250	Pass
11a	CH48	14.89	30.83	250	Pass
11n (HT20)	CH36	13.48	22.28	250	Pass
11n (HT20)	CH44	14.56	28.58	250	Pass
11n (HT20)	CH48	14.74	29.79	250	Pass
11n (HT40)	CH38	12.02	15.92	250	Pass
11n (HT40)	CH46	15.11	32.43	250	Pass
11ac (VHT20)	CH36	13.41	21.93	250	Pass
11ac (VHT20)	CH44	14.45	27.86	250	Pass
11ac (VHT20)	CH48	14.07	25.53	250	Pass
11ac (VHT40)	CH38	11.38	13.74	250	Pass
11ac (VHT40)	CH46	14.54	28.44	250	Pass
11ac (VHT80)	CH42	10.78	11.97	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	16.93	49.32	250	Pass
11a	CH60	15.78	37.84	250	Pass
11a	CH64	13.49	22.34	250	Pass
11n (HT20)	CH52	16.81	47.97	250	Pass
11n (HT20)	CH60	15.68	36.98	250	Pass
11n (HT20)	CH64	13.33	21.53	250	Pass
11n (HT40)	CH54	16.70	46.77	250	Pass
11n (HT40)	CH62	11.47	14.03	250	Pass
11ac (VHT20)	CH52	16.70	46.77	250	Pass
11ac (VHT20)	CH60	15.61	36.39	250	Pass
11ac (VHT20)	CH64	13.30	21.38	250	Pass
11ac (VHT40)	CH54	16.71	46.88	250	Pass
11ac (VHT40)	CH62	11.39	13.77	250	Pass
11ac (VHT80)	CH58	11.43	13.90	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	10.06	10.14	250	Pass
11a	CH116	17.60	57.54	250	Pass
11a	CH140	10.44	11.07	250	Pass
11n (HT20)	CH100	10.40	10.96	250	Pass
11n (HT20)	CH116	17.55	56.89	250	Pass
11n (HT20)	CH140	10.35	10.84	250	Pass
11n (HT40)	CH102	8.14	6.52	250	Pass
11n (HT40)	CH118	16.11	40.83	250	Pass
11n (HT40)	CH134	15.77	37.76	250	Pass
11ac (VHT20)	CH100	10.05	10.12	250	Pass
11ac (VHT20)	CH116	17.53	56.62	250	Pass
11ac (VHT20)	CH140	10.46	11.12	250	Pass
11ac (VHT40)	CH102	8.08	6.43	250	Pass
11ac (VHT40)	CH118	16.61	45.81	250	Pass
11ac (VHT40)	CH134	15.65	36.73	250	Pass
11ac (VHT80)	CH106	10.79	11.99	250	Pass
11ac (VHT80)	CH122	13.73	23.60	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.73	59.29	1000	Pass
11a	CH157	17.65	58.21	1000	Pass
11a	CH165	17.02	50.35	1000	Pass
11n (HT20)	CH149	17.05	50.70	1000	Pass
11n (HT20)	CH157	17.52	56.49	1000	Pass
11n (HT20)	CH165	17.32	53.95	1000	Pass
11n (HT40)	CH151	16.51	44.77	1000	Pass
11n (HT40)	CH159	16.38	43.45	1000	Pass
11ac (VHT20)	CH149	17.54	56.75	1000	Pass
11ac (VHT20)	CH157	17.20	52.48	1000	Pass
11ac (VHT20)	CH165	17.13	51.64	1000	Pass
11ac (VHT40)	CH151	16.50	44.67	1000	Pass
11ac (VHT40)	CH159	16.39	43.55	1000	Pass
11ac (VHT80)	CH155	12.91	19.54	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2410719-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.11	16.49
11a	CH44	20.06	16.52
11a	CH48	20.00	16.51
11n (HT20)	CH36	20.40	17.59
11n (HT20)	CH44	20.41	17.63
11n (HT20)	CH48	20.45	17.63
11n (HT40)	CH38	40.60	36.06
11n (HT40)	CH46	40.59	36.14
11ac (VHT20)	CH36	20.40	17.57
11ac (VHT20)	CH44	20.39	17.57
11ac (VHT20)	CH48	20.45	17.59
11ac (VHT40)	CH38	40.52	36.06
11ac (VHT40)	CH46	43.56	36.09
11ac (VHT80)	CH42	81.17	75.40

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.82	16.63
11a	CH60	20.46	16.56
11a	CH64	20.02	16.51
11n (HT20)	CH52	24.03	17.70
11n (HT20)	CH60	20.55	17.68
11n (HT20)	CH64	20.43	17.62
11n (HT40)	CH54	42.06	36.25
11n (HT40)	CH62	40.82	36.05
11ac (VHT20)	CH52	23.69	17.68
11ac (VHT20)	CH60	20.40	17.63
11ac (VHT20)	CH64	20.43	17.60
11ac (VHT40)	CH54	48.81	36.12
11ac (VHT40)	CH62	40.91	36.04
11ac (VHT80)	CH58	81.34	75.36

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.05	16.51
11a	CH116	25.81	16.72
11a	CH140	20.07	16.52
11n (HT20)	CH100	20.40	17.58
11n (HT20)	CH116	25.28	17.80
11n (HT20)	CH140	20.42	17.58
11n (HT40)	CH102	40.60	36.11
11n (HT40)	CH118	43.12	36.23
11n (HT40)	CH134	41.40	36.20
11ac (VHT20)	CH100	20.34	17.57
11ac (VHT20)	CH116	26.18	17.77
11ac (VHT20)	CH140	20.34	17.60
11ac (VHT40)	CH102	40.69	36.12
11ac (VHT40)	CH118	45.09	36.16
11ac (VHT40)	CH134	40.81	36.09
11ac (VHT80)	CH106	81.12	75.44
11ac (VHT80)	CH122	80.98	75.32

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	27.17	16.75
11a	CH157	26.85	16.66
11a	CH165	26.26	16.69
11n (HT20)	CH149	24.72	17.74
11n (HT20)	CH157	27.98	17.85
11n (HT20)	CH165	26.82	17.75
11n (HT40)	CH151	48.81	36.26
11n (HT40)	CH159	46.47	36.28
11ac (VHT20)	CH149	28.49	17.78
11ac (VHT20)	CH157	25.05	17.73
11ac (VHT20)	CH165	25.10	17.70
11ac (VHT40)	CH151	43.67	36.17
11ac (VHT40)	CH159	46.47	36.15
11ac (VHT80)	CH155	81.29	75.35

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2410719-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.00	500.00	Pass
11ac (VHT20)	CH149	15.20	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document "Annex No.: BL-SZ2410719-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.89	11.00	Pass
11a	CH44	3.88	11.00	Pass
11a	CH48	4.03	11.00	Pass
11n (HT20)	CH36	2.50	11.00	Pass
11n (HT20)	CH44	3.52	11.00	Pass
11n (HT20)	CH48	3.73	11.00	Pass
11n (HT40)	CH38	-2.04	11.00	Pass
11n (HT40)	CH46	1.08	11.00	Pass
11ac (VHT20)	CH36	2.48	11.00	Pass
11ac (VHT20)	CH44	3.47	11.00	Pass
11ac (VHT20)	CH48	3.09	11.00	Pass
11ac (VHT40)	CH38	-2.66	11.00	Pass
11ac (VHT40)	CH46	2.58	11.00	Pass
11ac (VHT80)	CH42	-6.59	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.04	11.00	Pass
11a	CH60	4.98	11.00	Pass
11a	CH64	2.68	11.00	Pass
11n (HT20)	CH52	5.75	11.00	Pass
11n (HT20)	CH60	4.75	11.00	Pass
11n (HT20)	CH64	2.36	11.00	Pass
11n (HT40)	CH54	2.58	11.00	Pass
11n (HT40)	CH62	-2.57	11.00	Pass
11ac (VHT20)	CH52	5.70	11.00	Pass
11ac (VHT20)	CH60	4.60	11.00	Pass
11ac (VHT20)	CH64	2.33	11.00	Pass
11ac (VHT40)	CH54	2.61	11.00	Pass
11ac (VHT40)	CH62	-2.52	11.00	Pass
11ac (VHT80)	CH58	-5.93	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.69	11.00	Pass
11a	CH116	6.89	11.00	Pass
11a	CH140	-0.48	11.00	Pass
11n (HT20)	CH100	-1.34	11.00	Pass
11n (HT20)	CH116	6.64	11.00	Pass
11n (HT20)	CH140	-1.24	11.00	Pass
11n (HT40)	CH102	-5.84	11.00	Pass
11n (HT40)	CH118	2.76	11.00	Pass
11n (HT40)	CH134	1.68	11.00	Pass
11ac (VHT20)	CH100	-0.84	11.00	Pass
11ac (VHT20)	CH116	6.11	11.00	Pass
11ac (VHT20)	CH140	-0.56	11.00	Pass
11ac (VHT40)	CH102	-6.26	11.00	Pass
11ac (VHT40)	CH118	2.56	11.00	Pass
11ac (VHT40)	CH134	1.47	11.00	Pass
11ac (VHT80)	CH106	-7.09	11.00	Pass
11ac (VHT80)	CH122	-3.65	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.11	30.00	Pass
11a	CH157	3.60	30.00	Pass
11a	CH165	3.54	30.00	Pass
11n (HT20)	CH149	3.22	30.00	Pass
11n (HT20)	CH157	3.77	30.00	Pass
11n (HT20)	CH165	3.18	30.00	Pass
11n (HT40)	CH151	-0.50	30.00	Pass
11n (HT40)	CH159	-0.37	30.00	Pass
11ac (VHT20)	CH149	3.25	30.00	Pass
11ac (VHT20)	CH157	3.26	30.00	Pass
11ac (VHT20)	CH165	3.06	30.00	Pass
11ac (VHT40)	CH151	-0.50	30.00	Pass
11ac (VHT40)	CH159	-0.57	30.00	Pass
11ac (VHT80)	CH155	-7.89	30.00	Pass

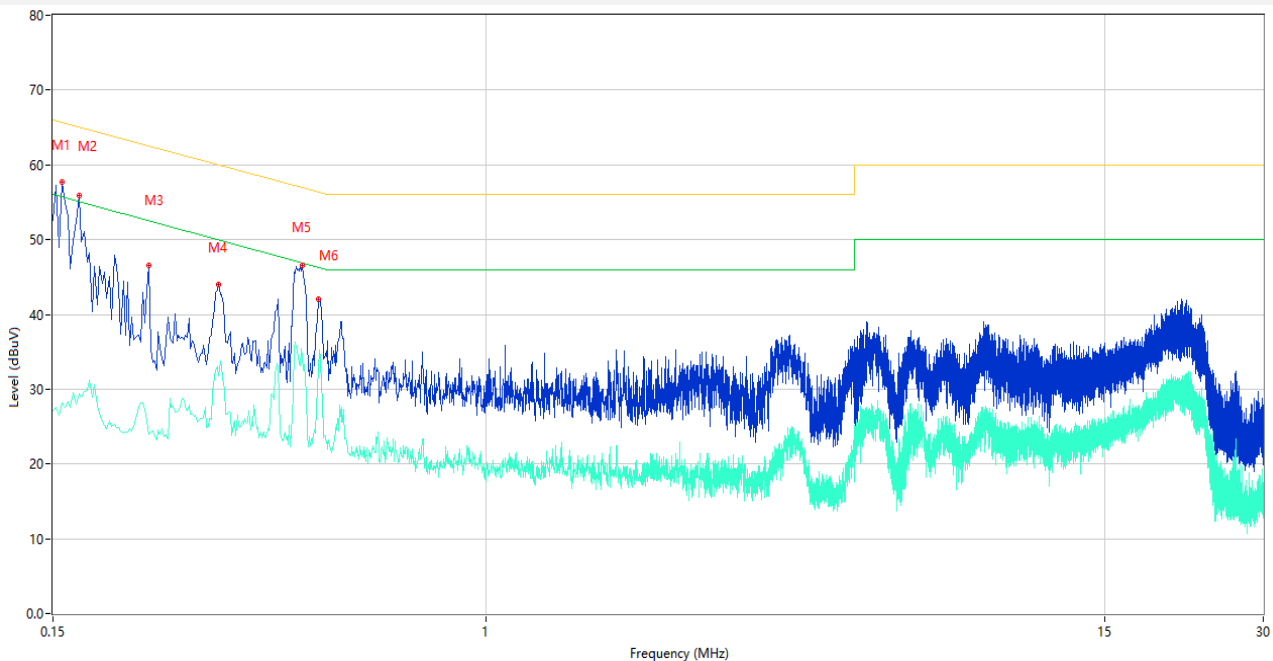
A.5 Conducted Emissions

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

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

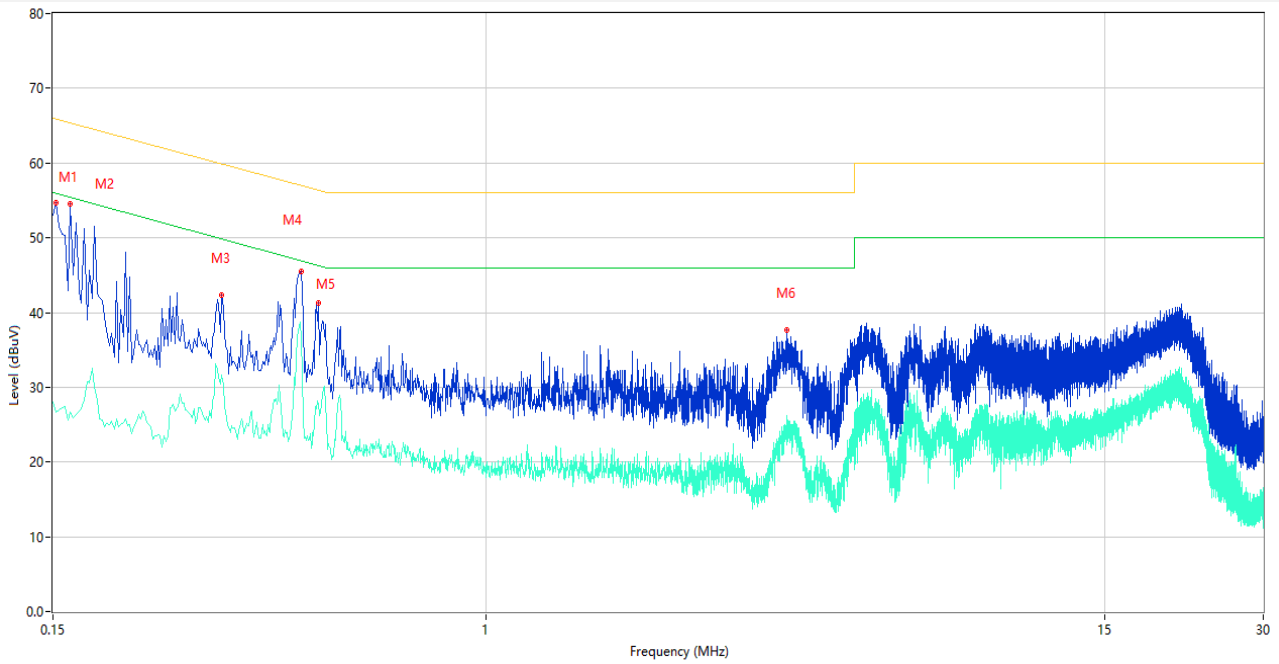
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	57.73	9.46	65.67	7.94	Peak	L	Pass
1**	0.156	28.20	9.46	55.67	27.47	AV	L	Pass
2	0.168	55.85	9.45	65.06	9.21	Peak	L	Pass
2**	0.168	29.32	9.45	55.06	25.74	AV	L	Pass
3	0.228	46.61	9.43	62.52	15.91	Peak	L	Pass
3**	0.228	24.00	9.43	52.52	28.52	AV	L	Pass
4	0.310	44.00	9.41	59.97	15.97	Peak	L	Pass
4**	0.310	31.71	9.41	49.97	18.26	AV	L	Pass
5	0.446	46.62	9.94	56.95	10.33	Peak	L	Pass
5**	0.446	34.33	9.94	46.95	12.62	AV	L	Pass
6	0.480	42.02	9.78	56.34	14.32	Peak	L	Pass
6**	0.480	32.69	9.78	46.34	13.65	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	54.72	9.47	65.89	11.17	Peak	N	Pass
1**	0.152	26.71	9.47	55.89	29.18	AV	N	Pass
2	0.162	54.57	9.46	65.36	10.79	Peak	N	Pass
2**	0.162	26.71	9.46	55.36	28.65	AV	N	Pass
3	0.314	42.31	9.40	59.86	17.55	Peak	N	Pass
3**	0.314	31.69	9.40	49.86	18.17	AV	N	Pass
4	0.444	45.52	9.94	56.99	11.47	Peak	N	Pass
4**	0.444	36.46	9.94	46.99	10.53	AV	N	Pass
5	0.480	41.21	9.78	56.34	15.13	Peak	N	Pass
5**	0.480	27.90	9.78	46.34	18.44	AV	N	Pass
6	3.730	37.65	9.86	56.00	18.35	Peak	N	Pass
6**	3.730	23.43	9.86	46.00	22.57	AV	N	Pass

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

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

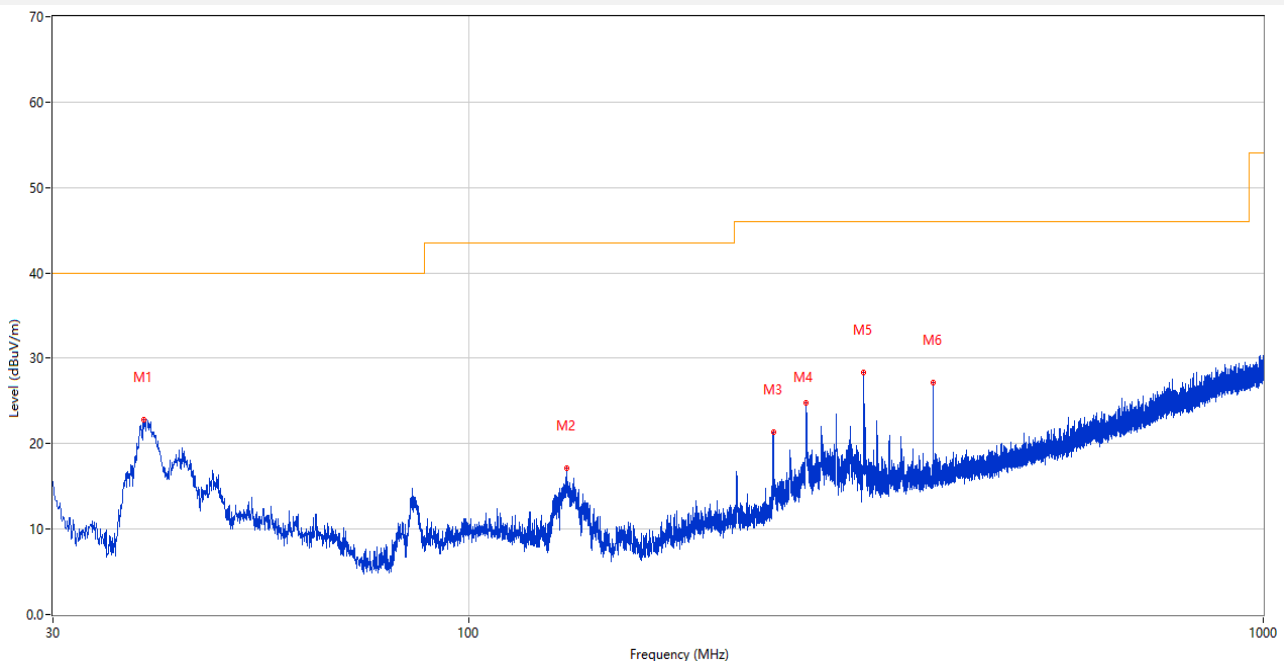
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

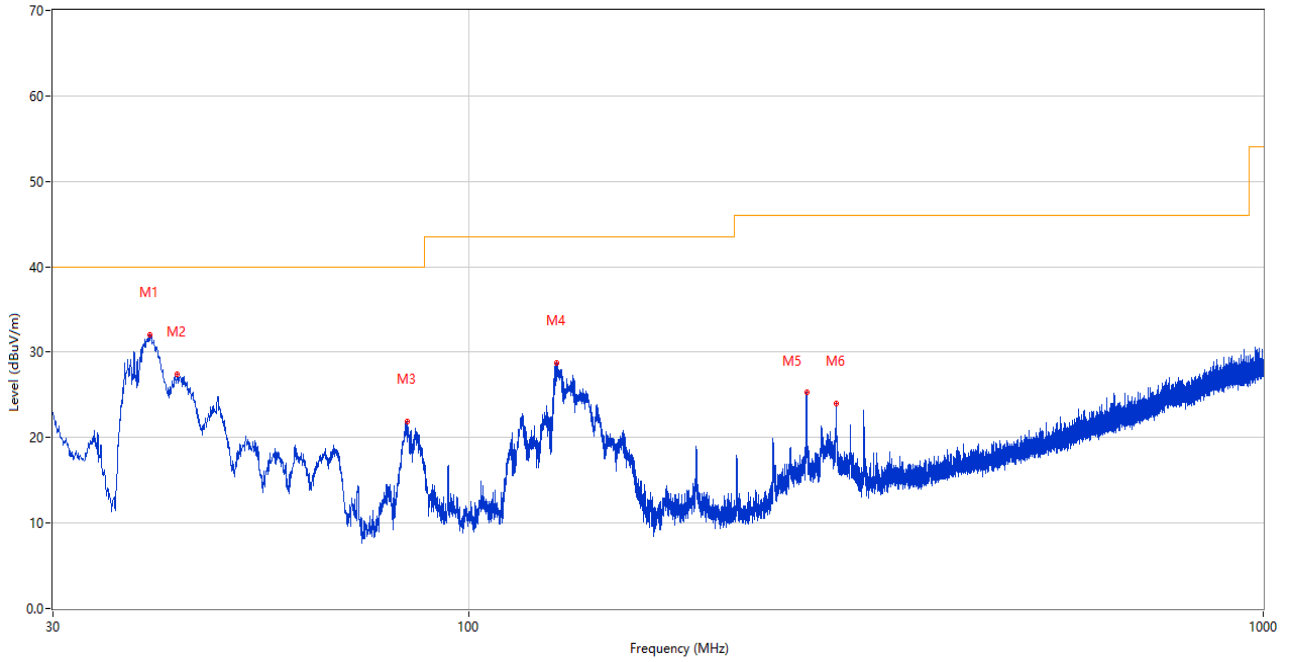
Test Data and Plots

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	39.021	22.85	-26.99	40.0	17.15	Peak	102.00	200	Horizontal	Pass
2	132.771	17.13	-29.92	43.5	26.37	Peak	175.00	200	Horizontal	Pass
3	241.751	21.40	-25.09	46.0	24.60	Peak	83.00	100	Horizontal	Pass
4	265.856	24.73	-24.52	46.0	21.27	Peak	109.00	100	Horizontal	Pass
5	314.355	28.31	-23.29	46.0	17.69	Peak	69.00	100	Horizontal	Pass
6	384.002	27.21	-21.41	46.0	18.79	Peak	65.00	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	39.748	32.07	-26.78	40.0	7.93	Peak	36.00	100	Vertical	Pass
2	43.047	27.41	-25.80	40.0	12.59	Peak	69.00	100	Vertical	Pass
3	83.641	21.89	-30.26	40.0	18.11	Peak	196.00	100	Vertical	Pass
4	129.182	28.74	-29.63	43.5	14.76	Peak	360.00	100	Vertical	Pass
5	266.292	25.37	-24.51	46.0	20.63	Peak	17.00	100	Vertical	Pass
6	290.106	24.00	-23.94	46.0	22.00	Peak	13.00	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	1524.500	38.48	-17.04	74.0	35.52	Peak	0.00	200	Horizontal	Pass
1**	1524.500	29.41	-17.04	54.0	24.59	AV	0.00	200	Horizontal	Pass
2	4375.750	46.64	-5.35	74.0	27.36	Peak	200.00	200	Horizontal	Pass
2**	4375.750	37.38	-5.35	54.0	16.62	AV	200.00	200	Horizontal	Pass
3	5182.500	107.43	-2.34	--	--	Peak	115.00	150	Horizontal	N/A
3**	5182.500	100.01	-2.34	--	--	AV	115.00	150	Horizontal	N/A
4	7420.250	53.30	1.47	74.0	20.70	Peak	135.00	100	Horizontal	Pass
4**	7420.250	44.05	1.47	54.0	9.95	AV	135.00	100	Horizontal	Pass
5	12508.701	52.58	1.39	74.0	21.42	Peak	360.00	200	Horizontal	Pass
5**	12508.701	43.66	1.39	54.0	10.34	AV	360.00	200	Horizontal	Pass
6	16141.763	55.01	2.09	74.0	18.99	Peak	158.00	400	Horizontal	Pass
6**	16141.763	45.32	2.09	54.0	8.68	AV	158.00	400	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	1578.600	38.16	-16.98	74.0	35.84	Peak	59.00	400	Vertical	Pass
1**	1578.600	28.87	-16.98	54.0	25.13	AV	59.00	400	Vertical	Pass
2	4381.500	46.94	-5.03	74.0	27.06	Peak	143.00	300	Vertical	Pass
2**	4381.500	38.24	-5.03	54.0	15.76	AV	143.00	300	Vertical	Pass
3	5181.250	98.63	-2.31	--	--	Peak	223.00	150	Vertical	N/A
3**	5181.250	90.99	-2.31	--	--	AV	223.00	150	Vertical	N/A
4	7715.000	53.04	1.54	74.0	20.96	Peak	182.00	200	Vertical	Pass
4**	7715.000	43.93	1.54	54.0	10.07	AV	182.00	200	Vertical	Pass
5	12359.550	52.43	0.90	74.0	21.57	Peak	105.00	100	Vertical	Pass
5**	12359.550	43.07	0.90	54.0	10.93	AV	105.00	100	Vertical	Pass
6	16115.250	54.68	1.87	74.0	19.32	Peak	99.00	200	Vertical	Pass
6**	16115.250	44.99	1.87	54.0	9.01	AV	99.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.800	38.24	-16.92	74.0	35.76	Peak	274.00	100	Horizontal	Pass
1**	1438.800	28.24	-16.92	54.0	25.76	AV	274.00	100	Horizontal	Pass
2	4262.500	47.06	-4.38	74.0	26.94	Peak	35.00	200	Horizontal	Pass
2**	4262.500	37.98	-4.38	54.0	16.02	AV	35.00	200	Horizontal	Pass
3	5219.250	108.78	-2.86	--	--	Peak	96.00	100	Horizontal	N/A
3**	5219.250	101.50	-2.86	--	--	AV	96.00	100	Horizontal	N/A
4	7706.000	53.42	1.53	74.0	20.58	Peak	178.00	300	Horizontal	Pass
4**	7706.000	44.42	1.53	54.0	9.58	AV	178.00	300	Horizontal	Pass
5	11678.638	53.03	-0.87	74.0	20.97	Peak	39.00	200	Horizontal	Pass
5**	11678.638	42.22	-0.87	54.0	11.78	AV	39.00	200	Horizontal	Pass
6	16085.850	54.82	1.56	74.0	19.18	Peak	306.00	300	Horizontal	Pass
6**	16085.850	45.45	1.56	54.0	8.55	AV	306.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.800	38.04	-16.89	74.0	35.96	Peak	68.00	400	Vertical	Pass
1**	1602.800	29.66	-16.89	54.0	24.34	AV	68.00	400	Vertical	Pass
2	4246.000	47.95	-4.48	74.0	26.05	Peak	284.00	300	Vertical	Pass
2**	4246.000	37.45	-4.48	54.0	16.55	AV	284.00	300	Vertical	Pass
3	5222.250	100.36	-2.99	--	--	Peak	200.00	100	Vertical	N/A
3**	5222.250	92.51	-2.99	--	--	AV	200.00	100	Vertical	N/A
4	7704.750	54.11	2.00	74.0	19.89	Peak	360.00	100	Vertical	Pass
4**	7704.750	46.04	2.00	54.0	7.96	AV	360.00	100	Vertical	Pass
5	12432.224	52.88	1.06	74.0	21.12	Peak	55.00	100	Vertical	Pass
5**	12432.224	43.88	1.06	54.0	10.12	AV	55.00	100	Vertical	Pass
6	16118.925	55.04	1.90	74.0	18.96	Peak	132.00	100	Vertical	Pass
6**	16118.925	45.80	1.90	54.0	8.20	AV	132.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.800	38.45	-16.74	74.0	35.55	Peak	85.00	300	Horizontal	Pass
1**	1581.800	28.50	-16.74	54.0	25.50	AV	85.00	300	Horizontal	Pass
2	4348.500	46.61	-4.65	74.0	27.39	Peak	277.00	100	Horizontal	Pass
2**	4348.500	37.62	-4.65	54.0	16.38	AV	277.00	100	Horizontal	Pass
3	5238.750	107.75	-2.91	--	--	Peak	117.00	150	Horizontal	N/A
3**	5238.750	100.46	-2.91	--	--	AV	117.00	150	Horizontal	N/A
4	7656.000	53.68	1.21	74.0	20.32	Peak	137.00	200	Horizontal	Pass
4**	7656.000	44.58	1.21	54.0	9.42	AV	137.00	200	Horizontal	Pass
5	12461.674	52.72	1.13	74.0	21.28	Peak	266.00	200	Horizontal	Pass
5**	12461.674	43.32	1.13	54.0	10.68	AV	266.00	200	Horizontal	Pass
6	15695.776	54.71	1.65	74.0	19.29	Peak	137.00	400	Horizontal	Pass
6**	15695.776	45.13	1.65	54.0	8.87	AV	137.00	400	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	1455.900	39.80	-17.38	74.0	34.20	Peak	360.00	300	Vertical	Pass
1**	1455.900	28.84	-17.38	54.0	25.16	AV	360.00	300	Vertical	Pass
2	4351.500	47.55	-4.51	74.0	26.45	Peak	117.00	200	Vertical	Pass
2**	4351.500	38.12	-4.51	54.0	15.88	AV	117.00	200	Vertical	Pass
3	5236.000	99.32	-2.92	--	--	Peak	199.00	150	Vertical	N/A
3**	5236.000	91.86	-2.92	--	--	AV	199.00	150	Vertical	N/A
4	7591.500	53.03	0.93	74.0	20.97	Peak	0.00	300	Vertical	Pass
4**	7591.500	43.17	0.93	54.0	10.83	AV	0.00	300	Vertical	Pass
5	12526.987	52.96	1.28	74.0	21.04	Peak	279.00	100	Vertical	Pass
5**	12526.987	43.20	1.28	54.0	10.80	AV	279.00	100	Vertical	Pass
6	16135.200	55.35	2.03	74.0	18.65	Peak	57.00	400	Vertical	Pass
6**	16135.200	45.40	2.03	54.0	8.60	AV	57.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.900	37.97	-16.59	74.0	36.03	Peak	291.00	300	Horizontal	Pass
1**	1511.900	28.68	-16.59	54.0	25.32	AV	291.00	300	Horizontal	Pass
2	4376.500	46.95	-5.30	74.0	27.05	Peak	299.00	400	Horizontal	Pass
2**	4376.500	36.97	-5.30	54.0	17.03	AV	299.00	400	Horizontal	Pass
3	5183.750	106.82	-2.33	--	--	Peak	96.00	200	Horizontal	N/A
3**	5183.750	99.14	-2.33	--	--	AV	96.00	200	Horizontal	N/A
4	7712.750	53.05	1.76	74.0	20.95	Peak	16.00	200	Horizontal	Pass
4**	7712.750	44.18	1.76	54.0	9.82	AV	16.00	200	Horizontal	Pass
5	12470.700	52.75	1.20	74.0	21.25	Peak	301.00	100	Horizontal	Pass
5**	12470.700	43.45	1.20	54.0	10.55	AV	301.00	100	Horizontal	Pass
6	16124.963	54.29	1.95	74.0	19.71	Peak	255.00	400	Horizontal	Pass
6**	16124.963	46.24	1.95	54.0	7.76	AV	255.00	400	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	1596.000	38.44	-17.16	74.0	35.56	Peak	198.00	200	Vertical	Pass
1**	1596.000	28.22	-17.16	54.0	25.78	AV	198.00	200	Vertical	Pass
2	4150.500	47.06	-5.35	74.0	26.94	Peak	0.00	300	Vertical	Pass
2**	4150.500	37.13	-5.35	54.0	16.87	AV	0.00	300	Vertical	Pass
3	5183.250	98.06	-2.28	--	--	Peak	96.00	100	Vertical	N/A
3**	5183.250	89.78	-2.28	--	--	AV	96.00	100	Vertical	N/A
4	7685.500	53.40	1.17	74.0	20.60	Peak	360.00	300	Vertical	Pass
4**	7685.500	44.40	1.17	54.0	9.60	AV	360.00	300	Vertical	Pass
5	12419.162	53.86	1.08	74.0	20.14	Peak	225.00	150	Vertical	Pass
5**	12419.162	42.92	1.08	54.0	11.08	AV	225.00	150	Vertical	Pass
6	15895.800	54.46	1.99	74.0	19.54	Peak	270.00	100	Vertical	Pass
6**	15895.800	45.71	1.99	54.0	8.29	AV	270.00	100	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	1477.500	39.04	-16.86	74.0	34.96	Peak	271.00	200	Horizontal	Pass
1**	1477.500	29.00	-16.86	54.0	25.00	AV	271.00	200	Horizontal	Pass
2	4348.750	46.97	-4.53	74.0	27.03	Peak	331.00	400	Horizontal	Pass
2**	4348.750	37.72	-4.53	54.0	16.28	AV	331.00	400	Horizontal	Pass
3	5221.750	107.82	-3.08	--	--	Peak	100.00	150	Horizontal	N/A
3**	5221.750	101.17	-3.08	--	--	AV	100.00	150	Horizontal	N/A
4	7615.250	52.78	0.37	74.0	21.22	Peak	120.00	200	Horizontal	Pass
4**	7615.250	43.73	0.37	54.0	10.27	AV	120.00	200	Horizontal	Pass
5	12507.275	52.40	1.40	74.0	21.60	Peak	0.00	150	Horizontal	Pass
5**	12507.275	43.01	1.40	54.0	10.99	AV	0.00	150	Horizontal	Pass
6	16113.412	54.43	1.86	74.0	19.57	Peak	333.00	100	Horizontal	Pass
6**	16113.412	46.16	1.86	54.0	7.84	AV	333.00	100	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	1573.200	38.28	-17.11	74.0	35.72	Peak	94.00	400	Vertical	Pass
1**	1573.200	28.41	-17.11	54.0	25.59	AV	94.00	400	Vertical	Pass
2	4334.250	47.64	-4.79	74.0	26.36	Peak	55.00	200	Vertical	Pass
2**	4334.250	38.38	-4.79	54.0	15.62	AV	55.00	200	Vertical	Pass
3	5217.250	100.06	-2.87	--	--	Peak	198.00	200	Vertical	N/A
3**	5217.250	91.98	-2.87	--	--	AV	198.00	200	Vertical	N/A
4	7705.000	53.18	2.03	74.0	20.82	Peak	36.00	100	Vertical	Pass
4**	7705.000	45.08	2.03	54.0	8.92	AV	36.00	100	Vertical	Pass
5	12460.963	52.64	1.13	74.0	21.36	Peak	82.00	200	Vertical	Pass
5**	12460.963	43.31	1.13	54.0	10.69	AV	82.00	200	Vertical	Pass
6	16134.150	54.78	2.02	74.0	19.22	Peak	79.00	200	Vertical	Pass
6**	16134.150	45.39	2.02	54.0	8.61	AV	79.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.700	38.25	-17.01	74.0	35.75	Peak	329.00	100	Horizontal	Pass
1**	1478.700	28.63	-17.01	54.0	25.37	AV	329.00	100	Horizontal	Pass
2	4245.000	47.24	-4.25	74.0	26.76	Peak	278.00	200	Horizontal	Pass
2**	4245.000	37.80	-4.25	54.0	16.20	AV	278.00	200	Horizontal	Pass
3	5242.500	107.07	-2.92	--	--	Peak	134.00	200	Horizontal	N/A
3**	5242.500	100.39	-2.92	--	--	AV	134.00	200	Horizontal	N/A
4	7349.250	53.60	0.19	74.0	20.40	Peak	86.00	300	Horizontal	Pass
4**	7349.250	43.46	0.19	54.0	10.54	AV	86.00	300	Horizontal	Pass
5	11749.175	52.56	-0.20	74.0	21.44	Peak	264.00	100	Horizontal	Pass
5**	11749.175	43.19	-0.20	54.0	10.81	AV	264.00	100	Horizontal	Pass
6	16122.075	54.81	1.93	74.0	19.19	Peak	285.00	400	Horizontal	Pass
6**	16122.075	45.23	1.93	54.0	8.77	AV	285.00	400	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	1549.600	38.78	-17.33	74.0	35.22	Peak	273.00	100	Vertical	Pass
1**	1549.600	29.39	-17.33	54.0	24.61	AV	273.00	100	Vertical	Pass
2	4247.000	46.85	-4.43	74.0	27.15	Peak	255.00	400	Vertical	Pass
2**	4247.000	37.55	-4.43	54.0	16.45	AV	255.00	400	Vertical	Pass
3	5242.250	99.33	-3.05	--	--	Peak	212.00	200	Vertical	N/A
3**	5242.250	91.38	-3.05	--	--	AV	212.00	200	Vertical	N/A
4	7702.250	53.49	1.52	74.0	20.51	Peak	62.00	200	Vertical	Pass
4**	7702.250	45.03	1.52	54.0	8.97	AV	62.00	200	Vertical	Pass
5	12258.138	52.64	1.01	74.0	21.36	Peak	43.00	200	Vertical	Pass
5**	12258.138	42.36	1.01	54.0	11.64	AV	43.00	200	Vertical	Pass
6	16127.325	54.82	1.97	74.0	19.18	Peak	4.00	400	Vertical	Pass
6**	16127.325	46.03	1.97	54.0	7.97	AV	4.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.800	38.52	-16.74	74.0	35.48	Peak	360.00	400	Horizontal	Pass
1**	1529.800	28.51	-16.74	54.0	25.49	AV	360.00	400	Horizontal	Pass
2	4323.250	46.95	-4.71	74.0	27.05	Peak	77.00	100	Horizontal	Pass
2**	4323.250	37.58	-4.71	54.0	16.42	AV	77.00	100	Horizontal	Pass
3	5191.750	103.42	-2.58	--	--	Peak	98.00	200	Horizontal	N/A
3**	5191.750	95.88	-2.58	--	--	AV	98.00	200	Horizontal	N/A
4	7709.000	53.83	1.89	74.0	20.17	Peak	16.00	200	Horizontal	Pass
4**	7709.000	44.81	1.89	54.0	9.19	AV	16.00	200	Horizontal	Pass
5	12517.250	52.08	1.34	74.0	21.92	Peak	5.00	200	Horizontal	Pass
5**	12517.250	42.79	1.34	54.0	11.21	AV	5.00	200	Horizontal	Pass
6	16152.263	54.61	2.14	74.0	19.39	Peak	164.00	400	Horizontal	Pass
6**	16152.263	45.79	2.14	54.0	8.21	AV	164.00	400	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	1589.100	38.30	-17.28	74.0	35.70	Peak	327.00	300	Vertical	Pass
1**	1589.100	28.51	-17.28	54.0	25.49	AV	327.00	300	Vertical	Pass
2	4383.500	46.83	-5.04	74.0	27.17	Peak	200.00	200	Vertical	Pass
2**	4383.500	38.86	-5.04	54.0	15.14	AV	200.00	200	Vertical	Pass
3	5194.250	93.13	-2.80	--	--	Peak	200.00	150	Vertical	N/A
3**	5194.250	84.60	-2.80	--	--	AV	200.00	150	Vertical	N/A
4	7704.500	53.33	1.93	74.0	20.67	Peak	118.00	200	Vertical	Pass
4**	7704.500	44.69	1.93	54.0	9.31	AV	118.00	200	Vertical	Pass
5	12506.800	52.27	1.40	74.0	21.73	Peak	290.00	200	Vertical	Pass
5**	12506.800	43.33	1.40	54.0	10.67	AV	290.00	200	Vertical	Pass
6	16101.338	54.47	1.76	74.0	19.53	Peak	210.00	200	Vertical	Pass
6**	16101.338	45.48	1.76	54.0	8.52	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.700	38.29	-16.75	74.0	35.71	Peak	58.00	200	Horizontal	Pass
1**	1447.700	29.31	-16.75	54.0	24.69	AV	58.00	200	Horizontal	Pass
2	4204.750	47.02	-5.27	74.0	26.98	Peak	342.00	300	Horizontal	Pass
2**	4204.750	38.04	-5.27	54.0	15.96	AV	342.00	300	Horizontal	Pass
3	5226.250	104.52	-3.25	--	--	Peak	96.00	100	Horizontal	N/A
3**	5226.250	96.88	-3.25	--	--	AV	96.00	100	Horizontal	N/A
4	7708.250	52.80	1.90	74.0	21.20	Peak	76.00	300	Horizontal	Pass
4**	7708.250	44.57	1.90	54.0	9.43	AV	76.00	300	Horizontal	Pass
5	12420.112	52.82	1.08	74.0	21.18	Peak	257.00	150	Horizontal	Pass
5**	12420.112	43.01	1.08	54.0	10.99	AV	257.00	150	Horizontal	Pass
6	16140.188	55.73	2.07	74.0	18.27	Peak	52.00	200	Horizontal	Pass
6**	16140.188	46.03	2.07	54.0	7.97	AV	52.00	200	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	1457.400	39.23	-17.06	74.0	34.77	Peak	290.00	300	Vertical	Pass
1**	1457.400	28.90	-17.06	54.0	25.10	AV	290.00	300	Vertical	Pass
2	4221.000	47.07	-5.22	74.0	26.93	Peak	139.00	200	Vertical	Pass
2**	4221.000	37.06	-5.22	54.0	16.94	AV	139.00	200	Vertical	Pass
3	5232.000	95.34	-3.10	--	--	Peak	200.00	150	Vertical	N/A
3**	5232.000	88.18	-3.10	--	--	AV	200.00	150	Vertical	N/A
4	7713.000	53.00	1.75	74.0	21.00	Peak	76.00	400	Vertical	Pass
4**	7713.000	43.73	1.75	54.0	10.27	AV	76.00	400	Vertical	Pass
5	11515.237	52.46	-0.79	74.0	21.54	Peak	46.00	200	Vertical	Pass
5**	11515.237	43.29	-0.79	54.0	10.71	AV	46.00	200	Vertical	Pass
6	16122.338	54.79	1.93	74.0	19.21	Peak	35.00	100	Vertical	Pass
6**	16122.338	46.01	1.93	54.0	7.99	AV	35.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.200	38.27	-16.92	74.0	35.73	Peak	329.00	100	Horizontal	Pass
1**	1619.200	29.01	-16.92	54.0	24.99	AV	329.00	100	Horizontal	Pass
2	4341.000	47.81	-4.97	74.0	26.19	Peak	158.00	400	Horizontal	Pass
2**	4341.000	37.93	-4.97	54.0	16.07	AV	158.00	400	Horizontal	Pass
3	5182.500	108.26	-2.34	--	--	Peak	78.00	100	Horizontal	N/A
3**	5182.500	100.71	-2.34	--	--	AV	78.00	100	Horizontal	N/A
4	7707.750	53.28	1.53	74.0	20.72	Peak	299.00	300	Horizontal	Pass
4**	7707.750	43.88	1.53	54.0	10.12	AV	299.00	300	Horizontal	Pass
5	12507.037	52.39	1.40	74.0	21.61	Peak	165.00	150	Horizontal	Pass
5**	12507.037	43.06	1.40	54.0	10.94	AV	165.00	150	Horizontal	Pass
6	16140.188	55.05	2.07	74.0	18.95	Peak	137.00	300	Horizontal	Pass
6**	16140.188	45.42	2.07	54.0	8.58	AV	137.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.400	38.46	-16.82	74.0	35.54	Peak	145.00	300	Vertical	Pass
1**	1518.400	28.91	-16.82	54.0	25.09	AV	145.00	300	Vertical	Pass
2	4363.000	47.02	-4.96	74.0	26.98	Peak	360.00	300	Vertical	Pass
2**	4363.000	37.35	-4.96	54.0	16.65	AV	360.00	300	Vertical	Pass
3	5181.500	98.80	-2.37	--	--	Peak	197.00	150	Vertical	N/A
3**	5181.500	90.38	-2.37	--	--	AV	197.00	150	Vertical	N/A
4	7687.750	53.28	0.92	74.0	20.72	Peak	137.00	400	Vertical	Pass
4**	7687.750	43.48	0.92	54.0	10.52	AV	137.00	400	Vertical	Pass
5	12358.362	52.78	0.89	74.0	21.22	Peak	286.00	200	Vertical	Pass
5**	12358.362	42.63	0.89	54.0	11.37	AV	286.00	200	Vertical	Pass
6	16086.375	55.17	1.57	74.0	18.83	Peak	0.00	200	Vertical	Pass
6**	16086.375	45.19	1.57	54.0	8.81	AV	0.00	200	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	1486.100	38.48	-16.87	74.0	35.52	Peak	317.00	400	Horizontal	Pass
1**	1486.100	28.95	-16.87	54.0	25.05	AV	317.00	400	Horizontal	Pass
2	4338.000	46.50	-4.96	74.0	27.50	Peak	213.00	100	Horizontal	Pass
2**	4338.000	37.30	-4.96	54.0	16.70	AV	213.00	100	Horizontal	Pass
3	5218.750	107.89	-2.94	--	--	Peak	125.00	200	Horizontal	N/A
3**	5218.750	100.88	-2.94	--	--	AV	125.00	200	Horizontal	N/A
4	7696.750	52.81	1.10	74.0	21.19	Peak	81.00	100	Horizontal	Pass
4**	7696.750	44.45	1.10	54.0	9.55	AV	81.00	100	Horizontal	Pass
5	11792.400	52.54	-0.15	74.0	21.46	Peak	360.00	150	Horizontal	Pass
5**	11792.400	42.69	-0.15	54.0	11.31	AV	360.00	150	Horizontal	Pass
6	15845.662	54.44	1.59	74.0	19.56	Peak	306.00	400	Horizontal	Pass
6**	15845.662	43.71	1.59	54.0	10.29	AV	306.00	400	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	1450.200	38.50	-16.87	74.0	35.50	Peak	118.00	300	Vertical	Pass
1**	1450.200	29.69	-16.87	54.0	24.31	AV	118.00	300	Vertical	Pass
2	4132.250	47.17	-5.52	74.0	26.83	Peak	176.00	300	Vertical	Pass
2**	4132.250	36.76	-5.52	54.0	17.24	AV	176.00	300	Vertical	Pass
3	5221.500	99.81	-3.10	--	--	Peak	198.00	150	Vertical	N/A
3**	5221.500	91.99	-3.10	--	--	AV	198.00	150	Vertical	N/A
4	7696.500	54.14	1.22	74.0	19.86	Peak	244.00	400	Vertical	Pass
4**	7696.500	44.62	1.22	54.0	9.38	AV	244.00	400	Vertical	Pass
5	11796.675	52.56	-0.15	74.0	21.44	Peak	87.00	100	Vertical	Pass
5**	11796.675	43.47	-0.15	54.0	10.53	AV	87.00	100	Vertical	Pass
6	16130.737	54.79	2.00	74.0	19.21	Peak	120.00	200	Vertical	Pass
6**	16130.737	46.23	2.00	54.0	7.77	AV	120.00	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	1484.400	38.64	-16.87	74.0	35.36	Peak	235.00	200	Horizontal	Pass
1**	1484.400	29.12	-16.87	54.0	24.88	AV	235.00	200	Horizontal	Pass
2	4320.000	48.50	-5.19	74.0	25.50	Peak	0.00	200	Horizontal	Pass
2**	4320.000	37.84	-5.19	54.0	16.16	AV	0.00	200	Horizontal	Pass
3	5241.000	107.63	-3.09	--	--	Peak	98.00	100	Horizontal	N/A
3**	5241.000	100.80	-3.09	--	--	AV	98.00	100	Horizontal	N/A
4	7704.750	53.28	2.00	74.0	20.72	Peak	77.00	300	Horizontal	Pass
4**	7704.750	44.16	2.00	54.0	9.84	AV	77.00	300	Horizontal	Pass
5	11756.300	52.44	-0.19	74.0	21.56	Peak	139.00	100	Horizontal	Pass
5**	11756.300	43.75	-0.19	54.0	10.25	AV	139.00	100	Horizontal	Pass
6	16127.062	55.23	1.97	74.0	18.77	Peak	187.00	200	Horizontal	Pass
6**	16127.062	45.53	1.97	54.0	8.47	AV	187.00	200	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	1495.000	38.65	-17.10	74.0	35.35	Peak	194.00	100	Vertical	Pass
1**	1495.000	29.25	-17.10	54.0	24.75	AV	194.00	100	Vertical	Pass
2	4220.500	47.39	-5.11	74.0	26.61	Peak	212.00	400	Vertical	Pass
2**	4220.500	38.52	-5.11	54.0	15.48	AV	212.00	400	Vertical	Pass
3	5238.750	98.74	-2.91	--	--	Peak	190.00	100	Vertical	N/A
3**	5238.750	91.25	-2.91	--	--	AV	190.00	100	Vertical	N/A
4	7708.750	53.43	1.82	74.0	20.57	Peak	234.00	200	Vertical	Pass
4**	7708.750	43.96	1.82	54.0	10.04	AV	234.00	200	Vertical	Pass
5	11803.088	52.79	-0.18	74.0	21.21	Peak	218.00	200	Vertical	Pass
5**	11803.088	42.47	-0.18	54.0	11.53	AV	218.00	200	Vertical	Pass
6	16109.475	54.19	1.83	74.0	19.81	Peak	117.00	200	Vertical	Pass
6**	16109.475	46.43	1.83	54.0	7.57	AV	117.00	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	1616.700	38.24	-16.98	74.0	35.76	Peak	327.00	100	Horizontal	Pass
1**	1616.700	28.28	-16.98	54.0	25.72	AV	327.00	100	Horizontal	Pass
2	4289.500	48.02	-4.55	74.0	25.98	Peak	98.00	400	Horizontal	Pass
2**	4289.500	38.00	-4.55	54.0	16.00	AV	98.00	400	Horizontal	Pass
3	5192.750	102.99	-2.55	--	--	Peak	98.00	100	Horizontal	N/A
3**	5192.750	95.45	-2.55	--	--	AV	98.00	100	Horizontal	N/A
4	7420.000	53.46	1.50	74.0	20.54	Peak	239.00	400	Horizontal	Pass
4**	7420.000	44.63	1.50	54.0	9.37	AV	239.00	400	Horizontal	Pass
5	11736.825	52.37	-0.28	74.0	21.63	Peak	327.00	150	Horizontal	Pass
5**	11736.825	43.73	-0.28	54.0	10.27	AV	327.00	150	Horizontal	Pass
6	16103.700	55.26	1.78	74.0	18.74	Peak	200.00	100	Horizontal	Pass
6**	16103.700	45.56	1.78	54.0	8.44	AV	200.00	100	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	1439.200	38.58	-16.97	74.0	35.42	Peak	164.00	300	Vertical	Pass
1**	1439.200	28.62	-16.97	54.0	25.38	AV	164.00	300	Vertical	Pass
2	4260.250	47.14	-4.42	74.0	26.86	Peak	16.00	100	Vertical	Pass
2**	4260.250	38.30	-4.42	54.0	15.70	AV	16.00	100	Vertical	Pass
3	5198.000	92.69	-3.01	--	--	Peak	199.00	150	Vertical	N/A
3**	5198.000	84.40	-3.01	--	--	AV	199.00	150	Vertical	N/A
4	7684.250	53.85	0.80	74.0	20.15	Peak	280.00	400	Vertical	Pass
4**	7684.250	43.71	0.80	54.0	10.29	AV	280.00	400	Vertical	Pass
5	11792.400	53.28	-0.15	74.0	20.72	Peak	360.00	150	Vertical	Pass
5**	11792.400	43.15	-0.15	54.0	10.85	AV	360.00	150	Vertical	Pass
6	16107.375	54.89	1.81	74.0	19.11	Peak	127.00	300	Vertical	Pass
6**	16107.375	44.86	1.81	54.0	9.14	AV	127.00	300	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	1454.600	37.98	-16.95	74.0	36.02	Peak	211.00	300	Horizontal	Pass
1**	1454.600	28.37	-16.95	54.0	25.63	AV	211.00	300	Horizontal	Pass
2	4352.250	46.82	-4.80	74.0	27.18	Peak	353.00	200	Horizontal	Pass
2**	4352.250	37.64	-4.80	54.0	16.36	AV	353.00	200	Horizontal	Pass
3	5233.750	104.87	-2.94	--	--	Peak	86.00	100	Horizontal	N/A
3**	5233.750	97.29	-2.94	--	--	AV	86.00	100	Horizontal	N/A
4	7491.250	53.28	1.20	74.0	20.72	Peak	309.00	100	Horizontal	Pass
4**	7491.250	43.52	1.20	54.0	10.48	AV	309.00	100	Horizontal	Pass
5	12364.063	52.53	0.92	74.0	21.47	Peak	73.00	150	Horizontal	Pass
5**	12364.063	42.98	0.92	54.0	11.02	AV	73.00	150	Horizontal	Pass
6	16071.151	54.76	1.37	74.0	19.24	Peak	43.00	400	Horizontal	Pass
6**	16071.151	46.12	1.37	54.0	7.88	AV	43.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.200	38.40	-16.66	74.0	35.60	Peak	198.00	300	Vertical	Pass
1**	1605.200	30.05	-16.66	54.0	23.95	AV	198.00	300	Vertical	Pass
2	4369.000	46.67	-5.02	74.0	27.33	Peak	214.00	300	Vertical	Pass
2**	4369.000	37.55	-5.02	54.0	16.45	AV	214.00	300	Vertical	Pass
3	5232.250	96.41	-2.99	--	--	Peak	214.00	200	Vertical	N/A
3**	5232.250	88.49	-2.99	--	--	AV	214.00	200	Vertical	N/A
4	7619.500	52.84	0.60	74.0	21.16	Peak	265.00	200	Vertical	Pass
4**	7619.500	43.44	0.60	54.0	10.56	AV	265.00	200	Vertical	Pass
5	12402.300	52.88	1.10	74.0	21.12	Peak	221.00	200	Vertical	Pass
5**	12402.300	43.85	1.10	54.0	10.15	AV	221.00	200	Vertical	Pass
6	16112.888	54.45	1.85	74.0	19.55	Peak	256.00	100	Vertical	Pass
6**	16112.888	46.45	1.85	54.0	7.55	AV	256.00	100	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	1600.000	38.09	-16.73	74.0	35.91	Peak	340.00	100	Horizontal	Pass
1**	1600.000	29.14	-16.73	54.0	24.86	AV	340.00	100	Horizontal	Pass
2	4270.000	46.83	-5.35	74.0	27.17	Peak	28.00	100	Horizontal	Pass
2**	4270.000	36.74	-5.35	54.0	17.26	AV	28.00	100	Horizontal	Pass
3	5203.250	98.25	-2.69	--	--	Peak	96.00	150	Horizontal	N/A
3**	5203.250	90.23	-2.69	--	--	AV	96.00	150	Horizontal	N/A
4	7712.250	53.21	1.81	74.0	20.79	Peak	186.00	300	Horizontal	Pass
4**	7712.250	44.56	1.81	54.0	9.44	AV	186.00	300	Horizontal	Pass
5	12271.438	52.65	0.87	74.0	21.35	Peak	346.00	150	Horizontal	Pass
5**	12271.438	42.60	0.87	54.0	11.40	AV	346.00	150	Horizontal	Pass
6	16060.650	55.06	1.23	74.0	18.94	Peak	360.00	100	Horizontal	Pass
6**	16060.650	44.85	1.23	54.0	9.15	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.200	37.93	-16.81	74.0	36.07	Peak	95.00	300	Vertical	Pass
1**	1576.200	29.08	-16.81	54.0	24.92	AV	95.00	300	Vertical	Pass
2	4308.500	46.40	-5.41	74.0	27.60	Peak	0.00	300	Vertical	Pass
2**	4308.500	37.72	-5.41	54.0	16.28	AV	0.00	300	Vertical	Pass
3	5215.750	87.50	-2.61	--	--	Peak	251.00	150	Vertical	N/A
3**	5215.750	79.82	-2.61	--	--	AV	251.00	150	Vertical	N/A
4	7445.750	53.02	0.30	74.0	20.98	Peak	22.00	400	Vertical	Pass
4**	7445.750	42.30	0.30	54.0	11.70	AV	22.00	400	Vertical	Pass
5	12460.724	52.35	1.12	74.0	21.65	Peak	185.00	100	Vertical	Pass
5**	12460.724	44.09	1.12	54.0	9.91	AV	185.00	100	Vertical	Pass
6	16126.800	54.33	1.97	74.0	19.67	Peak	10.00	300	Vertical	Pass
6**	16126.800	45.20	1.97	54.0	8.80	AV	10.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.200	38.49	-17.06	74.0	35.51	Peak	360.00	100	Horizontal	Pass
1**	1565.200	29.55	-17.06	54.0	24.45	AV	360.00	100	Horizontal	Pass
2	4259.000	46.68	-4.33	74.0	27.32	Peak	321.00	200	Horizontal	Pass
2**	4259.000	37.28	-4.33	54.0	16.72	AV	321.00	200	Horizontal	Pass
3	5261.500	108.52	-3.06	--	--	Peak	105.00	200	Horizontal	N/A
3**	5261.500	100.93	-3.06	--	--	AV	105.00	200	Horizontal	N/A
4	7711.750	53.01	2.04	74.0	20.99	Peak	277.00	100	Horizontal	Pass
4**	7711.750	44.52	2.04	54.0	9.48	AV	277.00	100	Horizontal	Pass
5	12373.800	52.44	0.97	74.0	21.56	Peak	240.00	200	Horizontal	Pass
5**	12373.800	43.07	0.97	54.0	10.93	AV	240.00	200	Horizontal	Pass
6	16100.550	55.07	1.76	74.0	18.93	Peak	128.00	300	Horizontal	Pass
6**	16100.550	45.51	1.76	54.0	8.49	AV	128.00	300	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	1605.300	37.66	-16.71	74.0	36.34	Peak	123.00	200	Vertical	Pass
1**	1605.300	29.00	-16.71	54.0	25.00	AV	123.00	200	Vertical	Pass
2	4255.250	47.45	-4.03	74.0	26.55	Peak	0.00	200	Vertical	Pass
2**	4255.250	38.10	-4.03	54.0	15.90	AV	0.00	200	Vertical	Pass
3	5258.000	99.57	-3.19	--	--	Peak	200.00	100	Vertical	N/A
3**	5258.000	91.56	-3.19	--	--	AV	200.00	100	Vertical	N/A
4	7710.000	53.36	1.69	74.0	20.64	Peak	37.00	100	Vertical	Pass
4**	7710.000	44.80	1.69	54.0	9.20	AV	37.00	100	Vertical	Pass
5	11969.575	52.81	-0.19	74.0	21.19	Peak	5.00	100	Vertical	Pass
5**	11969.575	42.58	-0.19	54.0	11.42	AV	5.00	100	Vertical	Pass
6	16095.300	55.04	1.69	74.0	18.96	Peak	234.00	200	Vertical	Pass
6**	16095.300	45.77	1.69	54.0	8.23	AV	234.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.000	38.28	-17.03	74.0	35.72	Peak	325.00	200	Horizontal	Pass
1**	1610.000	29.18	-17.03	54.0	24.82	AV	325.00	200	Horizontal	Pass
2	4255.500	48.33	-3.95	74.0	25.67	Peak	84.00	400	Horizontal	Pass
2**	4255.500	38.02	-3.95	54.0	15.98	AV	84.00	400	Horizontal	Pass
3	5299.000	109.10	-2.59	--	--	Peak	107.00	200	Horizontal	N/A
3**	5299.000	102.07	-2.59	--	--	AV	107.00	200	Horizontal	N/A
4	7705.250	54.90	2.03	74.0	19.10	Peak	282.00	200	Horizontal	Pass
4**	7705.250	44.91	2.03	54.0	9.09	AV	282.00	200	Horizontal	Pass
5	12272.625	52.44	0.86	74.0	21.56	Peak	264.00	200	Horizontal	Pass
5**	12272.625	44.03	0.86	54.0	9.97	AV	264.00	200	Horizontal	Pass
6	16110.000	54.45	1.83	74.0	19.55	Peak	335.00	300	Horizontal	Pass
6**	16110.000	45.46	1.83	54.0	8.54	AV	335.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.800	38.18	-17.15	74.0	35.82	Peak	323.00	200	Vertical	Pass
1**	1551.800	28.61	-17.15	54.0	25.39	AV	323.00	200	Vertical	Pass
2	4253.750	47.09	-4.20	74.0	26.91	Peak	106.00	300	Vertical	Pass
2**	4253.750	38.58	-4.20	54.0	15.42	AV	106.00	300	Vertical	Pass
3	5299.000	100.77	-2.59	--	--	Peak	217.00	150	Vertical	N/A
3**	5299.000	93.62	-2.59	--	--	AV	217.00	150	Vertical	N/A
4	7705.250	53.25	2.03	74.0	20.75	Peak	0.00	300	Vertical	Pass
4**	7705.250	45.12	2.03	54.0	8.88	AV	0.00	300	Vertical	Pass
5	12001.637	52.51	0.45	74.0	21.49	Peak	65.00	100	Vertical	Pass
5**	12001.637	43.52	0.45	54.0	10.48	AV	65.00	100	Vertical	Pass
6	16143.863	55.24	2.10	74.0	18.76	Peak	61.00	400	Vertical	Pass
6**	16143.863	44.95	2.10	54.0	9.05	AV	61.00	400	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	1610.900	37.81	-17.05	74.0	36.19	Peak	5.00	300	Horizontal	Pass
1**	1610.900	28.66	-17.05	54.0	25.34	AV	5.00	300	Horizontal	Pass
2	4249.500	47.24	-4.35	74.0	26.76	Peak	192.00	200	Horizontal	Pass
2**	4249.500	37.93	-4.35	54.0	16.07	AV	192.00	200	Horizontal	Pass
3	5321.250	105.54	-2.95	--	--	Peak	95.00	100	Horizontal	N/A
3**	5321.250	98.13	-2.95	--	--	AV	95.00	100	Horizontal	N/A
4	7688.750	54.14	1.01	74.0	19.86	Peak	360.00	300	Horizontal	Pass
4**	7688.750	44.48	1.01	54.0	9.52	AV	360.00	300	Horizontal	Pass
5	12449.325	52.59	1.04	74.0	21.41	Peak	290.00	150	Horizontal	Pass
5**	12449.325	43.74	1.04	54.0	10.26	AV	290.00	150	Horizontal	Pass
6	16131.000	55.11	2.00	74.0	18.89	Peak	275.00	300	Horizontal	Pass
6**	16131.000	46.03	2.00	54.0	7.97	AV	275.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.900	38.13	-17.34	74.0	35.87	Peak	249.00	400	Vertical	Pass
1**	1466.900	28.39	-17.34	54.0	25.61	AV	249.00	400	Vertical	Pass
2	4263.250	47.64	-4.60	74.0	26.36	Peak	267.00	100	Vertical	Pass
2**	4263.250	37.14	-4.60	54.0	16.86	AV	267.00	100	Vertical	Pass
3	5322.000	96.51	-2.96	--	--	Peak	214.00	150	Vertical	N/A
3**	5322.000	89.19	-2.96	--	--	AV	214.00	150	Vertical	N/A
4	7713.750	53.35	1.83	74.0	20.65	Peak	40.00	200	Vertical	Pass
4**	7713.750	44.02	1.83	54.0	9.98	AV	40.00	200	Vertical	Pass
5	11988.575	52.78	0.22	74.0	21.22	Peak	232.00	150	Vertical	Pass
5**	11988.575	42.76	0.22	54.0	11.24	AV	232.00	150	Vertical	Pass
6	16113.675	55.26	1.86	74.0	18.74	Peak	130.00	300	Vertical	Pass
6**	16113.675	45.44	1.86	54.0	8.56	AV	130.00	300	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	1604.300	38.42	-16.82	74.0	35.58	Peak	273.00	100	Horizontal	Pass
1**	1604.300	29.44	-16.82	54.0	24.56	AV	273.00	100	Horizontal	Pass
2	4268.000	46.91	-5.18	74.0	27.09	Peak	357.00	300	Horizontal	Pass
2**	4268.000	37.33	-5.18	54.0	16.67	AV	357.00	300	Horizontal	Pass
3	5261.000	108.97	-3.04	--	--	Peak	101.00	200	Horizontal	N/A
3**	5261.000	101.40	-3.04	--	--	AV	101.00	200	Horizontal	N/A
4	7708.500	53.32	1.84	74.0	20.68	Peak	229.00	100	Horizontal	Pass
4**	7708.500	44.05	1.84	54.0	9.95	AV	229.00	100	Horizontal	Pass
5	12439.113	53.28	1.05	74.0	20.72	Peak	303.00	200	Horizontal	Pass
5**	12439.113	43.54	1.05	54.0	10.46	AV	303.00	200	Horizontal	Pass
6	16062.750	55.12	1.26	74.0	18.88	Peak	105.00	100	Horizontal	Pass
6**	16062.750	45.10	1.26	54.0	8.90	AV	105.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.100	38.33	-16.89	74.0	35.67	Peak	354.00	300	Vertical	Pass
1**	1575.100	28.19	-16.89	54.0	25.81	AV	354.00	300	Vertical	Pass
2	4238.750	46.63	-4.85	74.0	27.37	Peak	64.00	300	Vertical	Pass
2**	4238.750	36.97	-4.85	54.0	17.03	AV	64.00	300	Vertical	Pass
3	5258.500	99.48	-3.19	--	--	Peak	192.00	150	Vertical	N/A
3**	5258.500	92.68	-3.19	--	--	AV	192.00	150	Vertical	N/A
4	7702.000	52.91	1.48	74.0	21.09	Peak	23.00	100	Vertical	Pass
4**	7702.000	44.72	1.48	54.0	9.28	AV	23.00	100	Vertical	Pass
5	11589.338	52.94	-0.74	74.0	21.06	Peak	308.00	200	Vertical	Pass
5**	11589.338	42.36	-0.74	54.0	11.64	AV	308.00	200	Vertical	Pass
6	16152.787	54.59	2.13	74.0	19.41	Peak	6.00	300	Vertical	Pass
6**	16152.787	44.86	2.13	54.0	9.14	AV	6.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.600	38.36	-17.11	74.0	35.64	Peak	1.00	200	Horizontal	Pass
1**	1444.600	28.62	-17.11	54.0	25.38	AV	1.00	200	Horizontal	Pass
2	4099.000	47.70	-5.89	74.0	26.30	Peak	210.00	100	Horizontal	Pass
2**	4099.000	36.73	-5.89	54.0	17.27	AV	210.00	100	Horizontal	Pass
3	5299.000	108.72	-2.59	--	--	Peak	146.00	100	Horizontal	N/A
3**	5299.000	102.21	-2.59	--	--	AV	146.00	100	Horizontal	N/A
4	7714.000	52.99	1.69	74.0	21.01	Peak	103.00	100	Horizontal	Pass
4**	7714.000	44.28	1.69	54.0	9.72	AV	103.00	100	Horizontal	Pass
5	12523.900	52.65	1.30	74.0	21.35	Peak	67.00	150	Horizontal	Pass
5**	12523.900	44.03	1.30	54.0	9.97	AV	67.00	150	Horizontal	Pass
6	16107.638	54.34	1.81	74.0	19.66	Peak	217.00	300	Horizontal	Pass
6**	16107.638	45.44	1.81	54.0	8.56	AV	217.00	300	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	1623.800	37.71	-16.86	74.0	36.29	Peak	298.00	300	Vertical	Pass
1**	1623.800	28.84	-16.86	54.0	25.16	AV	298.00	300	Vertical	Pass
2	4314.750	47.89	-5.26	74.0	26.11	Peak	360.00	200	Vertical	Pass
2**	4314.750	38.91	-5.26	54.0	15.09	AV	360.00	200	Vertical	Pass
3	5299.000	100.94	-2.59	--	--	Peak	207.00	100	Vertical	N/A
3**	5299.000	94.16	-2.59	--	--	AV	207.00	100	Vertical	N/A
4	7645.000	53.05	1.04	74.0	20.95	Peak	0.00	200	Vertical	Pass
4**	7645.000	43.49	1.04	54.0	10.51	AV	0.00	200	Vertical	Pass
5	11799.050	52.30	-0.15	74.0	21.70	Peak	169.00	200	Vertical	Pass
5**	11799.050	42.91	-0.15	54.0	11.09	AV	169.00	200	Vertical	Pass
6	16104.225	55.67	1.78	74.0	18.33	Peak	67.00	100	Vertical	Pass
6**	16104.225	46.15	1.78	54.0	7.85	AV	67.00	100	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	1509.200	38.20	-17.00	74.0	35.80	Peak	228.00	100	Horizontal	Pass
1**	1509.200	28.56	-17.00	54.0	25.44	AV	228.00	100	Horizontal	Pass
2	3938.000	47.17	-5.89	74.0	26.83	Peak	129.00	300	Horizontal	Pass
2**	3938.000	35.84	-5.89	54.0	18.16	AV	129.00	300	Horizontal	Pass
3	5318.750	105.23	-3.31	--	--	Peak	107.00	100	Horizontal	N/A
3**	5318.750	97.56	-3.31	--	--	AV	107.00	100	Horizontal	N/A
4	7704.750	54.27	2.00	74.0	19.73	Peak	306.00	100	Horizontal	Pass
4**	7704.750	44.63	2.00	54.0	9.37	AV	306.00	100	Horizontal	Pass
5	12437.213	52.51	1.06	74.0	21.49	Peak	126.00	200	Horizontal	Pass
5**	12437.213	43.54	1.06	54.0	10.46	AV	126.00	200	Horizontal	Pass
6	16130.213	54.86	1.99	74.0	19.14	Peak	144.00	400	Horizontal	Pass
6**	16130.213	44.94	1.99	54.0	9.06	AV	144.00	400	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	1619.900	38.02	-16.86	74.0	35.98	Peak	279.00	400	Vertical	Pass
1**	1619.900	28.78	-16.86	54.0	25.22	AV	279.00	400	Vertical	Pass
2	3953.250	46.48	-6.12	74.0	27.52	Peak	37.00	100	Vertical	Pass
2**	3953.250	36.09	-6.12	54.0	17.91	AV	37.00	100	Vertical	Pass
3	5317.250	96.10	-2.75	--	--	Peak	217.00	200	Vertical	N/A
3**	5317.250	88.95	-2.75	--	--	AV	217.00	200	Vertical	N/A
4	7620.000	53.59	0.58	74.0	20.41	Peak	360.00	300	Vertical	Pass
4**	7620.000	43.76	0.58	54.0	10.24	AV	360.00	300	Vertical	Pass
5	11497.900	52.79	-0.63	74.0	21.21	Peak	116.00	150	Vertical	Pass
5**	11497.900	43.24	-0.63	54.0	10.76	AV	116.00	150	Vertical	Pass
6	16158.300	54.96	2.10	74.0	19.04	Peak	222.00	300	Vertical	Pass
6**	16158.300	45.45	2.10	54.0	8.55	AV	222.00	300	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	1611.600	38.41	-16.90	74.0	35.59	Peak	0.00	100	Horizontal	Pass
1**	1611.600	29.04	-16.90	54.0	24.96	AV	0.00	100	Horizontal	Pass
2	4241.250	47.33	-4.72	74.0	26.67	Peak	166.00	300	Horizontal	Pass
2**	4241.250	38.00	-4.72	54.0	16.00	AV	166.00	300	Horizontal	Pass
3	5268.500	103.07	-2.79	--	--	Peak	141.00	150	Horizontal	N/A
3**	5268.500	95.81	-2.79	--	--	AV	141.00	150	Horizontal	N/A
4	7426.750	52.99	1.20	74.0	21.01	Peak	323.00	400	Horizontal	Pass
4**	7426.750	44.18	1.20	54.0	9.82	AV	323.00	400	Horizontal	Pass
5	12017.787	52.47	0.23	74.0	21.53	Peak	73.00	150	Horizontal	Pass
5**	12017.787	42.58	0.23	54.0	11.42	AV	73.00	150	Horizontal	Pass
6	16109.475	54.37	1.83	74.0	19.63	Peak	26.00	100	Horizontal	Pass
6**	16109.475	45.82	1.83	54.0	8.18	AV	26.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.100	38.43	-16.61	74.0	35.57	Peak	308.00	400	Vertical	Pass
1**	1605.100	30.06	-16.61	54.0	23.94	AV	308.00	400	Vertical	Pass
2	4372.000	46.67	-5.18	74.0	27.33	Peak	296.00	400	Vertical	Pass
2**	4372.000	37.40	-5.18	54.0	16.60	AV	296.00	400	Vertical	Pass
3	5272.500	94.59	-2.69	--	--	Peak	209.00	100	Vertical	N/A
3**	5272.500	86.84	-2.69	--	--	AV	209.00	100	Vertical	N/A
4	7704.750	53.51	2.00	74.0	20.49	Peak	316.00	200	Vertical	Pass
4**	7704.750	45.13	2.00	54.0	8.87	AV	316.00	200	Vertical	Pass
5	11259.688	52.55	-0.95	74.0	21.45	Peak	313.00	150	Vertical	Pass
5**	11259.688	42.41	-0.95	54.0	11.59	AV	313.00	150	Vertical	Pass
6	16186.651	54.56	1.90	74.0	19.44	Peak	347.00	400	Vertical	Pass
6**	16186.651	45.23	1.90	54.0	8.77	AV	347.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.000	38.44	-16.92	74.0	35.56	Peak	2.00	100	Horizontal	Pass
1**	1442.000	29.29	-16.92	54.0	24.71	AV	2.00	100	Horizontal	Pass
2	4388.000	47.40	-5.00	74.0	26.60	Peak	65.00	100	Horizontal	Pass
2**	4388.000	38.38	-5.00	54.0	15.62	AV	65.00	100	Horizontal	Pass
3	5307.750	104.38	-3.25	--	--	Peak	110.00	150	Horizontal	N/A
3**	5307.750	96.86	-3.25	--	--	AV	110.00	150	Horizontal	N/A
4	7686.000	53.57	1.48	74.0	20.43	Peak	178.00	300	Horizontal	Pass
4**	7686.000	46.10	1.48	54.0	7.90	AV	178.00	300	Horizontal	Pass
5	11705.713	52.86	-0.48	74.0	21.14	Peak	113.00	150	Horizontal	Pass
5**	11705.713	43.08	-0.48	54.0	10.92	AV	113.00	150	Horizontal	Pass
6	15681.075	54.41	1.81	74.0	19.59	Peak	339.00	100	Horizontal	Pass
6**	15681.075	44.71	1.81	54.0	9.29	AV	339.00	100	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	1482.800	38.36	-17.04	74.0	35.64	Peak	244.00	200	Vertical	Pass
1**	1482.800	28.47	-17.04	54.0	25.53	AV	244.00	200	Vertical	Pass
2	4333.000	47.09	-5.23	74.0	26.91	Peak	185.00	100	Vertical	Pass
2**	4333.000	36.92	-5.23	54.0	17.08	AV	185.00	100	Vertical	Pass
3	5307.250	95.03	-3.08	--	--	Peak	226.00	200	Vertical	N/A
3**	5307.250	88.71	-3.08	--	--	AV	226.00	200	Vertical	N/A
4	7708.000	54.21	1.69	74.0	19.79	Peak	311.00	400	Vertical	Pass
4**	7708.000	44.74	1.69	54.0	9.26	AV	311.00	400	Vertical	Pass
5	11715.213	52.78	-0.42	74.0	21.22	Peak	42.00	100	Vertical	Pass
5**	11715.213	42.74	-0.42	54.0	11.26	AV	42.00	100	Vertical	Pass
6	16166.438	55.03	2.04	74.0	18.97	Peak	352.00	400	Vertical	Pass
6**	16166.438	45.09	2.04	54.0	8.91	AV	352.00	400	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	1599.600	38.23	-16.97	74.0	35.77	Peak	43.00	300	Horizontal	Pass
1**	1599.600	28.57	-16.97	54.0	25.43	AV	43.00	300	Horizontal	Pass
2	4143.000	46.81	-5.62	74.0	27.19	Peak	0.00	100	Horizontal	Pass
2**	4143.000	36.88	-5.62	54.0	17.12	AV	0.00	100	Horizontal	Pass
3	5259.000	108.16	-2.95	--	--	Peak	95.00	100	Horizontal	N/A
3**	5259.000	101.51	-2.95	--	--	AV	95.00	100	Horizontal	N/A
4	7710.500	53.12	1.96	74.0	20.88	Peak	360.00	200	Horizontal	Pass
4**	7710.500	44.70	1.96	54.0	9.30	AV	360.00	200	Horizontal	Pass
5	12515.588	52.40	1.35	74.0	21.60	Peak	171.00	200	Horizontal	Pass
5**	12515.588	43.71	1.35	54.0	10.29	AV	171.00	200	Horizontal	Pass
6	16138.087	54.57	2.06	74.0	19.43	Peak	270.00	300	Horizontal	Pass
6**	16138.087	45.66	2.06	54.0	8.34	AV	270.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.800	38.48	-16.99	74.0	35.52	Peak	303.00	300	Vertical	Pass
1**	1577.800	28.58	-16.99	54.0	25.42	AV	303.00	300	Vertical	Pass
2	4314.000	46.96	-4.99	74.0	27.04	Peak	360.00	100	Vertical	Pass
2**	4314.000	37.98	-4.99	54.0	16.02	AV	360.00	100	Vertical	Pass
3	5261.750	98.93	-3.05	--	--	Peak	202.00	200	Vertical	N/A
3**	5261.750	92.09	-3.05	--	--	AV	202.00	200	Vertical	N/A
4	7421.250	53.42	1.15	74.0	20.58	Peak	316.00	300	Vertical	Pass
4**	7421.250	44.23	1.15	54.0	9.77	AV	316.00	300	Vertical	Pass
5	12466.187	52.12	1.17	74.0	21.88	Peak	360.00	100	Vertical	Pass
5**	12466.187	43.23	1.17	54.0	10.77	AV	360.00	100	Vertical	Pass
6	16110.262	55.69	1.83	74.0	18.31	Peak	325.00	300	Vertical	Pass
6**	16110.262	45.85	1.83	54.0	8.15	AV	325.00	300	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	1612.900	38.89	-16.63	74.0	35.11	Peak	0.00	200	Horizontal	Pass
1**	1612.900	29.08	-16.63	54.0	24.92	AV	0.00	200	Horizontal	Pass
2	4369.000	47.65	-5.02	74.0	26.35	Peak	301.00	100	Horizontal	Pass
2**	4369.000	38.14	-5.02	54.0	15.86	AV	301.00	100	Horizontal	Pass
3	5298.750	108.89	-2.76	--	--	Peak	113.00	200	Horizontal	N/A
3**	5298.750	101.83	-2.76	--	--	AV	113.00	200	Horizontal	N/A
4	7699.500	52.88	1.09	74.0	21.12	Peak	181.00	400	Horizontal	Pass
4**	7699.500	43.58	1.09	54.0	10.42	AV	181.00	400	Horizontal	Pass
5	12395.412	52.54	1.08	74.0	21.46	Peak	60.00	150	Horizontal	Pass
5**	12395.412	43.31	1.08	54.0	10.69	AV	60.00	150	Horizontal	Pass
6	16065.901	54.85	1.30	74.0	19.15	Peak	170.00	400	Horizontal	Pass
6**	16065.901	45.71	1.30	54.0	8.29	AV	170.00	400	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	1475.900	38.34	-17.19	74.0	35.66	Peak	262.00	300	Vertical	Pass
1**	1475.900	28.89	-17.19	54.0	25.11	AV	262.00	300	Vertical	Pass
2	4365.500	47.39	-4.71	74.0	26.61	Peak	216.00	200	Vertical	Pass
2**	4365.500	37.94	-4.71	54.0	16.06	AV	216.00	200	Vertical	Pass
3	5298.250	100.95	-2.76	--	--	Peak	216.00	200	Vertical	N/A
3**	5298.250	93.26	-2.76	--	--	AV	216.00	200	Vertical	N/A
4	7478.750	53.27	0.57	74.0	20.73	Peak	175.00	400	Vertical	Pass
4**	7478.750	43.47	0.57	54.0	10.53	AV	175.00	400	Vertical	Pass
5	11523.787	52.47	-0.90	74.0	21.53	Peak	336.00	100	Vertical	Pass
5**	11523.787	43.18	-0.90	54.0	10.82	AV	336.00	100	Vertical	Pass
6	16066.162	54.48	1.30	74.0	19.52	Peak	74.00	100	Vertical	Pass
6**	16066.162	45.27	1.30	54.0	8.73	AV	74.00	100	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	1562.000	38.59	-17.26	74.0	35.41	Peak	213.00	300	Horizontal	Pass
1**	1562.000	28.15	-17.26	54.0	25.85	AV	213.00	300	Horizontal	Pass
2	4356.000	46.82	-4.83	74.0	27.18	Peak	93.00	400	Horizontal	Pass
2**	4356.000	37.32	-4.83	54.0	16.68	AV	93.00	400	Horizontal	Pass
3	5321.250	105.75	-2.95	--	--	Peak	141.00	100	Horizontal	N/A
3**	5321.250	98.62	-2.95	--	--	AV	141.00	100	Horizontal	N/A
4	7700.500	52.88	1.03	74.0	21.12	Peak	69.00	300	Horizontal	Pass
4**	7700.500	43.87	1.03	54.0	10.13	AV	69.00	300	Horizontal	Pass
5	11514.526	52.60	-0.78	74.0	21.40	Peak	16.00	100	Horizontal	Pass
5**	11514.526	42.64	-0.78	54.0	11.36	AV	16.00	100	Horizontal	Pass
6	16125.487	55.52	1.96	74.0	18.48	Peak	221.00	200	Horizontal	Pass
6**	16125.487	45.82	1.96	54.0	8.18	AV	221.00	200	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	1530.100	38.50	-16.80	74.0	35.50	Peak	184.00	400	Vertical	Pass
1**	1530.100	28.98	-16.80	54.0	25.02	AV	184.00	400	Vertical	Pass
2	4258.250	46.74	-4.07	74.0	27.26	Peak	18.00	100	Vertical	Pass
2**	4258.250	37.67	-4.07	54.0	16.33	AV	18.00	100	Vertical	Pass
3	5320.500	96.02	-3.02	--	--	Peak	202.00	100	Vertical	N/A
3**	5320.500	88.16	-3.02	--	--	AV	202.00	100	Vertical	N/A
4	7706.250	53.18	1.54	74.0	20.82	Peak	178.00	200	Vertical	Pass
4**	7706.250	44.16	1.54	54.0	9.84	AV	178.00	200	Vertical	Pass
5	12419.401	52.23	1.08	74.0	21.77	Peak	61.00	200	Vertical	Pass
5**	12419.401	42.51	1.08	54.0	11.49	AV	61.00	200	Vertical	Pass
6	16144.388	55.58	2.11	74.0	18.42	Peak	71.00	300	Vertical	Pass
6**	16144.388	45.70	2.11	54.0	8.30	AV	71.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.500	38.86	-16.90	74.0	35.14	Peak	55.00	300	Horizontal	Pass
1**	1582.500	29.30	-16.90	54.0	24.70	AV	55.00	300	Horizontal	Pass
2	4358.750	47.22	-4.75	74.0	26.78	Peak	118.00	400	Horizontal	Pass
2**	4358.750	37.66	-4.75	54.0	16.34	AV	118.00	400	Horizontal	Pass
3	5275.000	105.45	-2.77	--	--	Peak	118.00	200	Horizontal	N/A
3**	5275.000	97.76	-2.77	--	--	AV	118.00	200	Horizontal	N/A
4	7709.750	54.17	1.76	74.0	19.83	Peak	98.00	200	Horizontal	Pass
4**	7709.750	44.09	1.76	54.0	9.91	AV	98.00	200	Horizontal	Pass
5	11522.125	53.18	-0.88	74.0	20.82	Peak	113.00	100	Horizontal	Pass
5**	11522.125	42.71	-0.88	54.0	11.29	AV	113.00	100	Horizontal	Pass
6	16158.825	54.67	2.09	74.0	19.33	Peak	74.00	300	Horizontal	Pass
6**	16158.825	44.99	2.09	54.0	9.01	AV	74.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.600	38.62	-16.98	74.0	35.38	Peak	102.00	100	Vertical	Pass
1**	1453.600	29.25	-16.98	54.0	24.75	AV	102.00	100	Vertical	Pass
2	4255.250	47.24	-4.03	74.0	26.76	Peak	57.00	200	Vertical	Pass
2**	4255.250	38.38	-4.03	54.0	15.62	AV	57.00	200	Vertical	Pass
3	5272.250	97.41	-2.70	--	--	Peak	198.00	200	Vertical	N/A
3**	5272.250	89.39	-2.70	--	--	AV	198.00	200	Vertical	N/A
4	7689.250	54.18	1.23	74.0	19.82	Peak	360.00	200	Vertical	Pass
4**	7689.250	46.20	1.23	54.0	7.80	AV	360.00	200	Vertical	Pass
5	12428.900	53.08	1.07	74.0	20.92	Peak	291.00	200	Vertical	Pass
5**	12428.900	45.40	1.07	54.0	8.60	AV	291.00	200	Vertical	Pass
6	15693.150	54.59	1.68	74.0	19.41	Peak	0.00	200	Vertical	Pass
6**	15693.150	44.80	1.68	54.0	9.20	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.400	38.34	-16.81	74.0	35.66	Peak	105.00	100	Horizontal	Pass
1**	1612.400	29.06	-16.81	54.0	24.94	AV	105.00	100	Horizontal	Pass
2	4234.250	47.78	-4.92	74.0	26.22	Peak	0.00	400	Horizontal	Pass
2**	4234.250	37.19	-4.92	54.0	16.81	AV	0.00	400	Horizontal	Pass
3	5312.500	105.44	-3.38	--	--	Peak	72.00	150	Horizontal	N/A
3**	5312.500	97.99	-3.38	--	--	AV	72.00	150	Horizontal	N/A
4	7712.000	53.05	1.91	74.0	20.95	Peak	205.00	100	Horizontal	Pass
4**	7712.000	44.45	1.91	54.0	9.55	AV	205.00	100	Horizontal	Pass
5	12405.151	52.86	1.10	74.0	21.14	Peak	360.00	150	Horizontal	Pass
5**	12405.151	43.11	1.10	54.0	10.89	AV	360.00	150	Horizontal	Pass
6	16058.025	54.97	1.20	74.0	19.03	Peak	278.00	100	Horizontal	Pass
6**	16058.025	45.90	1.20	54.0	8.10	AV	278.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.300	38.90	-17.00	74.0	35.10	Peak	0.00	100	Vertical	Pass
1**	1602.300	28.84	-17.00	54.0	25.16	AV	0.00	100	Vertical	Pass
2	4265.000	47.22	-5.22	74.0	26.78	Peak	189.00	300	Vertical	Pass
2**	4265.000	39.12	-5.22	54.0	14.88	AV	189.00	300	Vertical	Pass
3	5311.500	97.13	-3.26	--	--	Peak	189.00	100	Vertical	N/A
3**	5311.500	89.31	-3.26	--	--	AV	189.00	100	Vertical	N/A
4	7706.500	53.90	1.58	74.0	20.10	Peak	189.00	300	Vertical	Pass
4**	7706.500	44.18	1.58	54.0	9.82	AV	189.00	300	Vertical	Pass
5	12441.012	52.70	1.05	74.0	21.30	Peak	234.00	100	Vertical	Pass
5**	12441.012	43.03	1.05	54.0	10.97	AV	234.00	100	Vertical	Pass
6	16137.825	54.29	2.05	74.0	19.71	Peak	315.00	100	Vertical	Pass
6**	16137.825	44.75	2.05	54.0	9.25	AV	315.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.300	38.57	-16.97	74.0	35.43	Peak	360.00	300	Horizontal	Pass
1**	1594.300	29.68	-16.97	54.0	24.32	AV	360.00	300	Horizontal	Pass
2	4367.000	47.58	-4.81	74.0	26.42	Peak	128.00	400	Horizontal	Pass
2**	4367.000	37.72	-4.81	54.0	16.28	AV	128.00	400	Horizontal	Pass
3	5283.500	100.85	-3.04	--	--	Peak	81.00	150	Horizontal	N/A
3**	5283.500	93.24	-3.04	--	--	AV	81.00	150	Horizontal	N/A
4	7623.750	53.18	0.26	74.0	20.82	Peak	0.00	400	Horizontal	Pass
4**	7623.750	43.41	0.26	54.0	10.59	AV	0.00	400	Horizontal	Pass
5	11503.362	53.27	-0.63	74.0	20.73	Peak	127.00	100	Horizontal	Pass
5**	11503.362	43.00	-0.63	54.0	11.00	AV	127.00	100	Horizontal	Pass
6	16086.375	54.46	1.57	74.0	19.54	Peak	302.00	300	Horizontal	Pass
6**	16086.375	45.61	1.57	54.0	8.39	AV	302.00	300	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	1619.900	38.69	-16.86	74.0	35.31	Peak	241.00	300	Vertical	Pass
1**	1619.900	28.82	-16.86	54.0	25.18	AV	241.00	300	Vertical	Pass
2	4326.250	46.66	-5.11	74.0	27.34	Peak	116.00	200	Vertical	Pass
2**	4326.250	37.85	-5.11	54.0	16.15	AV	116.00	200	Vertical	Pass
3	5288.750	92.56	-2.71	--	--	Peak	254.00	200	Vertical	N/A
3**	5288.750	85.82	-2.71	--	--	AV	254.00	200	Vertical	N/A
4	7707.000	53.09	1.71	74.0	20.91	Peak	276.00	100	Vertical	Pass
4**	7707.000	44.78	1.71	54.0	9.22	AV	276.00	100	Vertical	Pass
5	11523.075	53.05	-0.89	74.0	20.95	Peak	267.00	150	Vertical	Pass
5**	11523.075	43.29	-0.89	54.0	10.71	AV	267.00	150	Vertical	Pass
6	16118.138	54.47	1.90	74.0	19.53	Peak	178.00	200	Vertical	Pass
6**	16118.138	45.33	1.90	54.0	8.67	AV	178.00	200	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	1534.100	38.95	-17.14	74.0	35.05	Peak	127.00	300	Horizontal	Pass
1**	1534.100	28.89	-17.14	54.0	25.11	AV	127.00	300	Horizontal	Pass
2	4337.000	47.17	-4.74	74.0	26.83	Peak	177.00	100	Horizontal	Pass
2**	4337.000	37.94	-4.74	54.0	16.06	AV	177.00	100	Horizontal	Pass
3	5501.500	104.38	-2.83	--	--	Peak	92.00	200	Horizontal	N/A
3**	5501.500	97.24	-2.83	--	--	AV	92.00	200	Horizontal	N/A
4	7689.250	52.77	1.23	74.0	21.23	Peak	324.00	200	Horizontal	Pass
4**	7689.250	44.83	1.23	54.0	9.17	AV	324.00	200	Horizontal	Pass
5	12061.487	52.83	-0.21	74.0	21.17	Peak	91.00	200	Horizontal	Pass
5**	12061.487	43.01	-0.21	54.0	10.99	AV	91.00	200	Horizontal	Pass
6	16082.175	54.56	1.52	74.0	19.44	Peak	317.00	300	Horizontal	Pass
6**	16082.175	45.03	1.52	54.0	8.97	AV	317.00	300	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	1497.100	38.18	-16.69	74.0	35.82	Peak	23.00	100	Vertical	Pass
1**	1497.100	29.31	-16.69	54.0	24.69	AV	23.00	100	Vertical	Pass
2	4226.250	47.15	-5.18	74.0	26.85	Peak	121.00	300	Vertical	Pass
2**	4226.250	37.86	-5.18	54.0	16.14	AV	121.00	300	Vertical	Pass
3	5498.000	96.10	-2.51	--	--	Peak	203.00	100	Vertical	N/A
3**	5498.000	89.16	-2.51	--	--	AV	203.00	100	Vertical	N/A
4	7712.500	53.33	1.73	74.0	20.67	Peak	60.00	100	Vertical	Pass
4**	7712.500	44.27	1.73	54.0	9.73	AV	60.00	100	Vertical	Pass
5	12377.125	52.57	0.99	74.0	21.43	Peak	215.00	150	Vertical	Pass
5**	12377.125	43.20	0.99	54.0	10.80	AV	215.00	150	Vertical	Pass
6	16131.000	54.86	2.00	74.0	19.14	Peak	80.00	300	Vertical	Pass
6**	16131.000	45.94	2.00	54.0	8.06	AV	80.00	300	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	1606.900	38.46	-16.73	74.0	35.54	Peak	78.00	300	Horizontal	Pass
1**	1606.900	29.23	-16.73	54.0	24.77	AV	78.00	300	Horizontal	Pass
2	4255.500	47.80	-3.95	74.0	26.20	Peak	232.00	200	Horizontal	Pass
2**	4255.500	38.18	-3.95	54.0	15.82	AV	232.00	200	Horizontal	Pass
3	5579.750	108.99	-1.95	--	--	Peak	108.00	100	Horizontal	N/A
3**	5579.750	101.13	-1.95	--	--	AV	108.00	100	Horizontal	N/A
4	7490.000	53.49	1.37	74.0	20.51	Peak	0.00	100	Horizontal	Pass
4**	7490.000	43.49	1.37	54.0	10.51	AV	0.00	100	Horizontal	Pass
5	12301.125	52.62	0.56	74.0	21.38	Peak	173.00	150	Horizontal	Pass
5**	12301.125	42.06	0.56	54.0	11.94	AV	173.00	150	Horizontal	Pass
6	16102.125	55.10	1.77	74.0	18.90	Peak	339.00	100	Horizontal	Pass
6**	16102.125	46.76	1.77	54.0	7.24	AV	339.00	100	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	1621.500	38.35	-16.90	74.0	35.65	Peak	184.00	300	Vertical	Pass
1**	1621.500	29.90	-16.90	54.0	24.10	AV	184.00	300	Vertical	Pass
2	4208.250	46.72	-4.99	74.0	27.28	Peak	140.00	100	Vertical	Pass
2**	4208.250	37.36	-4.99	54.0	16.64	AV	140.00	100	Vertical	Pass
3	5576.250	99.07	-2.06	--	--	Peak	256.00	100	Vertical	N/A
3**	5576.250	91.52	-2.06	--	--	AV	256.00	100	Vertical	N/A
4	7712.750	53.41	1.76	74.0	20.59	Peak	140.00	200	Vertical	Pass
4**	7712.750	45.03	1.76	54.0	8.97	AV	140.00	200	Vertical	Pass
5	12516.537	52.72	1.34	74.0	21.28	Peak	88.00	150	Vertical	Pass
5**	12516.537	42.73	1.34	54.0	11.27	AV	88.00	150	Vertical	Pass
6	16119.451	54.40	1.91	74.0	19.60	Peak	0.00	400	Vertical	Pass
6**	16119.451	45.60	1.91	54.0	8.40	AV	0.00	400	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	1466.100	38.48	-17.21	74.0	35.52	Peak	231.00	200	Horizontal	Pass
1**	1466.100	28.15	-17.21	54.0	25.85	AV	231.00	200	Horizontal	Pass
2	4134.250	47.13	-5.46	74.0	26.87	Peak	68.00	400	Horizontal	Pass
2**	4134.250	37.17	-5.46	54.0	16.83	AV	68.00	400	Horizontal	Pass
3	5698.750	104.83	-2.24	--	--	Peak	114.00	200	Horizontal	N/A
3**	5698.750	97.25	-2.24	--	--	AV	114.00	200	Horizontal	N/A
4	7658.000	53.66	1.41	74.0	20.34	Peak	68.00	400	Horizontal	Pass
4**	7658.000	44.22	1.41	54.0	9.78	AV	68.00	400	Horizontal	Pass
5	12410.849	52.58	1.09	74.0	21.42	Peak	357.00	150	Horizontal	Pass
5**	12410.849	42.99	1.09	54.0	11.01	AV	357.00	150	Horizontal	Pass
6	16087.950	54.94	1.59	74.0	19.06	Peak	28.00	200	Horizontal	Pass
6**	16087.950	45.08	1.59	54.0	8.92	AV	28.00	200	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	1613.600	38.63	-16.85	74.0	35.37	Peak	23.00	400	Vertical	Pass
1**	1613.600	29.44	-16.85	54.0	24.56	AV	23.00	400	Vertical	Pass
2	4341.750	46.74	-4.74	74.0	27.26	Peak	33.00	300	Vertical	Pass
2**	4341.750	37.44	-4.74	54.0	16.56	AV	33.00	300	Vertical	Pass
3	5701.750	95.92	-2.44	--	--	Peak	262.00	100	Vertical	N/A
3**	5701.750	88.95	-2.44	--	--	AV	262.00	100	Vertical	N/A
4	7592.500	53.02	1.03	74.0	20.98	Peak	223.00	200	Vertical	Pass
4**	7592.500	42.95	1.03	54.0	11.05	AV	223.00	200	Vertical	Pass
5	12503.238	52.53	1.42	74.0	21.47	Peak	137.00	200	Vertical	Pass
5**	12503.238	43.15	1.42	54.0	10.85	AV	137.00	200	Vertical	Pass
6	15680.287	54.34	1.82	74.0	19.66	Peak	176.00	100	Vertical	Pass
6**	15680.287	44.14	1.82	54.0	9.86	AV	176.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.400	39.37	-16.70	74.0	34.63	Peak	0.00	200	Horizontal	Pass
1**	1626.400	28.96	-16.70	54.0	25.04	AV	0.00	200	Horizontal	Pass
2	4331.500	48.32	-4.80	74.0	25.68	Peak	152.00	400	Horizontal	Pass
2**	4331.500	37.79	-4.80	54.0	16.21	AV	152.00	400	Horizontal	Pass
3	5498.000	105.22	-2.51	--	--	Peak	84.00	150	Horizontal	N/A
3**	5498.000	97.77	-2.51	--	--	AV	84.00	150	Horizontal	N/A
4	7342.000	53.18	-0.29	74.0	20.82	Peak	0.00	300	Horizontal	Pass
4**	7342.000	43.38	-0.29	54.0	10.62	AV	0.00	300	Horizontal	Pass
5	11794.775	52.89	-0.15	74.0	21.11	Peak	352.00	150	Horizontal	Pass
5**	11794.775	42.95	-0.15	54.0	11.05	AV	352.00	150	Horizontal	Pass
6	16054.350	55.23	1.15	74.0	18.77	Peak	58.00	400	Horizontal	Pass
6**	16054.350	45.53	1.15	54.0	8.47	AV	58.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.700	38.49	-17.16	74.0	35.51	Peak	330.00	400	Vertical	Pass
1**	1474.700	28.61	-17.16	54.0	25.39	AV	330.00	400	Vertical	Pass
2	4313.750	47.38	-5.13	74.0	26.62	Peak	155.00	400	Vertical	Pass
2**	4313.750	37.57	-5.13	54.0	16.43	AV	155.00	400	Vertical	Pass
3	5501.500	96.28	-2.83	--	--	Peak	196.00	200	Vertical	N/A
3**	5501.500	88.13	-2.83	--	--	AV	196.00	200	Vertical	N/A
4	7710.250	53.61	1.90	74.0	20.39	Peak	0.00	100	Vertical	Pass
4**	7710.250	44.49	1.90	54.0	9.51	AV	0.00	100	Vertical	Pass
5	11755.588	52.42	-0.19	74.0	21.58	Peak	253.00	150	Vertical	Pass
5**	11755.588	43.53	-0.19	54.0	10.47	AV	253.00	150	Vertical	Pass
6	15898.162	54.90	2.01	74.0	19.10	Peak	349.00	200	Vertical	Pass
6**	15898.162	44.84	2.01	54.0	9.16	AV	349.00	200	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	1606.600	38.38	-16.67	74.0	35.62	Peak	113.00	100	Horizontal	Pass
1**	1606.600	28.83	-16.67	54.0	25.17	AV	113.00	100	Horizontal	Pass
2	4256.500	46.91	-4.25	74.0	27.09	Peak	218.00	100	Horizontal	Pass
2**	4256.500	38.70	-4.25	54.0	15.30	AV	218.00	100	Horizontal	Pass
3	5578.750	108.07	-2.08	--	--	Peak	111.00	200	Horizontal	N/A
3**	5578.750	101.00	-2.08	--	--	AV	111.00	200	Horizontal	N/A
4	7434.250	54.35	0.65	74.0	19.65	Peak	360.00	200	Horizontal	Pass
4**	7434.250	44.91	0.65	54.0	9.09	AV	360.00	200	Horizontal	Pass
5	12002.350	52.47	0.44	74.0	21.53	Peak	360.00	200	Horizontal	Pass
5**	12002.350	42.75	0.44	54.0	11.25	AV	360.00	200	Horizontal	Pass
6	16187.963	54.50	1.89	74.0	19.50	Peak	298.00	100	Horizontal	Pass
6**	16187.963	45.53	1.89	54.0	8.47	AV	298.00	100	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	1482.700	38.32	-17.05	74.0	35.68	Peak	309.00	300	Vertical	Pass
1**	1482.700	28.98	-17.05	54.0	25.02	AV	309.00	300	Vertical	Pass
2	4360.250	47.57	-5.00	74.0	26.43	Peak	80.00	200	Vertical	Pass
2**	4360.250	37.25	-5.00	54.0	16.75	AV	80.00	200	Vertical	Pass
3	5578.500	99.19	-2.10	--	--	Peak	278.00	200	Vertical	N/A
3**	5578.500	92.38	-2.10	--	--	AV	278.00	200	Vertical	N/A
4	7485.750	53.49	1.39	74.0	20.51	Peak	17.00	300	Vertical	Pass
4**	7485.750	44.06	1.39	54.0	9.94	AV	17.00	300	Vertical	Pass
5	12510.838	52.81	1.38	74.0	21.19	Peak	149.00	200	Vertical	Pass
5**	12510.838	43.11	1.38	54.0	10.89	AV	149.00	200	Vertical	Pass
6	15694.463	54.87	1.66	74.0	19.13	Peak	79.00	300	Vertical	Pass
6**	15694.463	45.05	1.66	54.0	8.95	AV	79.00	300	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	1440.700	39.47	-16.87	74.0	34.53	Peak	352.00	200	Horizontal	Pass
1**	1440.700	29.23	-16.87	54.0	24.77	AV	352.00	200	Horizontal	Pass
2	4386.750	46.81	-5.05	74.0	27.19	Peak	40.00	400	Horizontal	Pass
2**	4386.750	37.66	-5.05	54.0	16.34	AV	40.00	400	Horizontal	Pass
3	5702.000	104.44	-2.45	--	--	Peak	123.00	100	Horizontal	N/A
3**	5702.000	96.20	-2.45	--	--	AV	123.00	100	Horizontal	N/A
4	7662.000	53.18	0.98	74.0	20.82	Peak	123.00	200	Horizontal	Pass
4**	7662.000	43.51	0.98	54.0	10.49	AV	123.00	200	Horizontal	Pass
5	12499.675	52.92	1.44	74.0	21.08	Peak	19.00	200	Horizontal	Pass
5**	12499.675	43.05	1.44	54.0	10.95	AV	19.00	200	Horizontal	Pass
6	16091.625	55.16	1.64	74.0	18.84	Peak	266.00	200	Horizontal	Pass
6**	16091.625	45.37	1.64	54.0	8.63	AV	266.00	200	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	1466.900	38.29	-17.34	74.0	35.71	Peak	50.00	100	Vertical	Pass
1**	1466.900	28.89	-17.34	54.0	25.11	AV	50.00	100	Vertical	Pass
2	4367.250	47.12	-4.78	74.0	26.88	Peak	201.00	300	Vertical	Pass
2**	4367.250	38.16	-4.78	54.0	15.84	AV	201.00	300	Vertical	Pass
3	5698.250	96.22	-2.31	--	--	Peak	262.00	200	Vertical	N/A
3**	5698.250	89.13	-2.31	--	--	AV	262.00	200	Vertical	N/A
4	7713.250	54.15	1.67	74.0	19.85	Peak	303.00	100	Vertical	Pass
4**	7713.250	44.42	1.67	54.0	9.58	AV	303.00	100	Vertical	Pass
5	12532.924	52.47	1.25	74.0	21.53	Peak	164.00	150	Vertical	Pass
5**	12532.924	42.43	1.25	54.0	11.57	AV	164.00	150	Vertical	Pass
6	16069.576	54.71	1.35	74.0	19.29	Peak	55.00	100	Vertical	Pass
6**	16069.576	45.00	1.35	54.0	9.00	AV	55.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.500	38.57	-17.07	74.0	35.43	Peak	96.00	400	Horizontal	Pass
1**	1515.500	28.58	-17.07	54.0	25.42	AV	96.00	400	Horizontal	Pass
2	4250.000	47.44	-4.17	74.0	26.56	Peak	11.00	300	Horizontal	Pass
2**	4250.000	37.06	-4.17	54.0	16.94	AV	11.00	300	Horizontal	Pass
3	5508.250	105.12	-2.94	--	--	Peak	106.00	200	Horizontal	N/A
3**	5508.250	97.88	-2.94	--	--	AV	106.00	200	Horizontal	N/A
4	7705.000	53.37	2.03	74.0	20.63	Peak	0.00	400	Horizontal	Pass
4**	7705.000	44.54	2.03	54.0	9.46	AV	0.00	400	Horizontal	Pass
5	12385.675	52.85	1.03	74.0	21.15	Peak	48.00	200	Horizontal	Pass
5**	12385.675	43.24	1.03	54.0	10.76	AV	48.00	200	Horizontal	Pass
6	15619.912	54.63	1.40	74.0	19.37	Peak	189.00	200	Horizontal	Pass
6**	15619.912	44.33	1.40	54.0	9.67	AV	189.00	200	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	1597.400	38.50	-16.90	74.0	35.50	Peak	78.00	100	Vertical	Pass
1**	1597.400	28.79	-16.90	54.0	25.21	AV	78.00	100	Vertical	Pass
2	4281.250	46.97	-4.59	74.0	27.03	Peak	325.00	300	Vertical	Pass
2**	4281.250	37.47	-4.59	54.0	16.53	AV	325.00	300	Vertical	Pass
3	5508.250	96.19	-2.94	--	--	Peak	244.00	150	Vertical	N/A
3**	5508.250	88.71	-2.94	--	--	AV	244.00	150	Vertical	N/A
4	7700.250	53.07	1.07	74.0	20.93	Peak	162.00	200	Vertical	Pass
4**	7700.250	43.62	1.07	54.0	10.38	AV	162.00	200	Vertical	Pass
5	11759.150	52.17	-0.19	74.0	21.83	Peak	353.00	200	Vertical	Pass
5**	11759.150	43.33	-0.19	54.0	10.67	AV	353.00	200	Vertical	Pass
6	16090.313	55.09	1.62	74.0	18.91	Peak	28.00	100	Vertical	Pass
6**	16090.313	45.37	1.62	54.0	8.63	AV	28.00	100	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	1592.700	38.33	-16.50	74.0	35.67	Peak	42.00	100	Horizontal	Pass
1**	1592.700	29.35	-16.50	54.0	24.65	AV	42.00	100	Horizontal	Pass
2	4257.750	46.95	-4.46	74.0	27.05	Peak	5.00	400	Horizontal	Pass
2**	4257.750	37.74	-4.46	54.0	16.26	AV	5.00	400	Horizontal	Pass
3	5588.000	104.45	-2.17	--	--	Peak	89.00	150	Horizontal	N/A
3**	5588.000	97.24	-2.17	--	--	AV	89.00	150	Horizontal	N/A
4	7600.000	53.48	0.78	74.0	20.52	Peak	109.00	400	Horizontal	Pass
4**	7600.000	43.08	0.78	54.0	10.92	AV	109.00	400	Horizontal	Pass
5	12433.412	53.34	1.06	74.0	20.66	Peak	156.00	200	Horizontal	Pass
5**	12433.412	43.14	1.06	54.0	10.86	AV	156.00	200	Horizontal	Pass
6	15893.963	54.44	1.98	74.0	19.56	Peak	210.00	200	Horizontal	Pass
6**	15893.963	44.48	1.98	54.0	9.52	AV	210.00	200	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	1465.200	38.66	-17.09	74.0	35.34	Peak	246.00	400	Vertical	Pass
1**	1465.200	29.63	-17.09	54.0	24.37	AV	246.00	400	Vertical	Pass
2	4362.000	46.60	-4.76	74.0	27.40	Peak	89.00	300	Vertical	Pass
2**	4362.000	38.34	-4.76	54.0	15.66	AV	89.00	300	Vertical	Pass
3	5588.000	95.18	-2.17	--	--	Peak	193.00	100	Vertical	N/A
3**	5588.000	87.76	-2.17	--	--	AV	193.00	100	Vertical	N/A
4	7713.750	52.82	1.83	74.0	21.18	Peak	360.00	200	Vertical	Pass
4**	7713.750	44.40	1.83	54.0	9.60	AV	360.00	200	Vertical	Pass
5	12446.000	52.20	1.04	74.0	21.80	Peak	222.00	200	Vertical	Pass
5**	12446.000	43.36	1.04	54.0	10.64	AV	222.00	200	Vertical	Pass
6	16065.901	55.21	1.30	74.0	18.79	Peak	0.00	400	Vertical	Pass
6**	16065.901	44.94	1.30	54.0	9.06	AV	0.00	400	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	1449.300	38.64	-16.95	74.0	35.36	Peak	67.00	100	Horizontal	Pass
1**	1449.300	29.06	-16.95	54.0	24.94	AV	67.00	100	Horizontal	Pass
2	4391.500	46.93	-5.40	74.0	27.07	Peak	77.00	300	Horizontal	Pass
2**	4391.500	37.60	-5.40	54.0	16.40	AV	77.00	300	Horizontal	Pass
3	5664.000	105.21	-2.14	--	--	Peak	97.00	100	Horizontal	N/A
3**	5664.000	97.75	-2.14	--	--	AV	97.00	100	Horizontal	N/A
4	7708.250	53.23	1.90	74.0	20.77	Peak	118.00	200	Horizontal	Pass
4**	7708.250	45.07	1.90	54.0	8.93	AV	118.00	200	Horizontal	Pass
5	11991.425	52.44	0.28	74.0	21.56	Peak	200.00	100	Horizontal	Pass
5**	11991.425	43.12	0.28	54.0	10.88	AV	200.00	100	Horizontal	Pass
6	15655.349	54.40	2.08	74.0	19.60	Peak	320.00	200	Horizontal	Pass
6**	15655.349	44.07	2.08	54.0	9.93	AV	320.00	200	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	1613.500	38.74	-16.85	74.0	35.26	Peak	0.00	200	Vertical	Pass
1**	1613.500	29.83	-16.85	54.0	24.17	AV	0.00	200	Vertical	Pass
2	4258.000	48.01	-4.28	74.0	25.99	Peak	242.00	300	Vertical	Pass
2**	4258.000	37.34	-4.28	54.0	16.66	AV	242.00	300	Vertical	Pass
3	5677.250	95.71	-2.32	--	--	Peak	222.00	100	Vertical	N/A
3**	5677.250	88.93	-2.32	--	--	AV	222.00	100	Vertical	N/A
4	7688.500	52.95	1.01	74.0	21.05	Peak	160.00	200	Vertical	Pass
4**	7688.500	43.51	1.01	54.0	10.49	AV	160.00	200	Vertical	Pass
5	12411.563	52.30	1.09	74.0	21.70	Peak	229.00	150	Vertical	Pass
5**	12411.563	43.35	1.09	54.0	10.65	AV	229.00	150	Vertical	Pass
6	16120.762	54.76	1.92	74.0	19.24	Peak	303.00	400	Vertical	Pass
6**	16120.762	44.87	1.92	54.0	9.13	AV	303.00	400	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	1545.400	38.85	-17.39	74.0	35.15	Peak	86.00	200	Horizontal	Pass
1**	1545.400	28.40	-17.39	54.0	25.60	AV	86.00	200	Horizontal	Pass
2	4258.250	47.32	-4.07	74.0	26.68	Peak	0.00	400	Horizontal	Pass
2**	4258.250	38.21	-4.07	54.0	15.79	AV	0.00	400	Horizontal	Pass
3	5498.500	105.06	-2.65	--	--	Peak	89.00	150	Horizontal	N/A
3**	5498.500	98.07	-2.65	--	--	AV	89.00	150	Horizontal	N/A
4	7723.000	53.28	0.91	74.0	20.72	Peak	344.00	300	Horizontal	Pass
4**	7723.000	44.10	0.91	54.0	9.90	AV	344.00	300	Horizontal	Pass
5	11754.162	52.46	-0.19	74.0	21.54	Peak	151.00	200	Horizontal	Pass
5**	11754.162	43.00	-0.19	54.0	11.00	AV	151.00	200	Horizontal	Pass
6	16126.012	54.72	1.96	74.0	19.28	Peak	26.00	400	Horizontal	Pass
6**	16126.012	45.60	1.96	54.0	8.40	AV	26.00	400	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	1606.700	38.20	-16.64	74.0	35.80	Peak	360.00	300	Vertical	Pass
1**	1606.700	28.91	-16.64	54.0	25.09	AV	360.00	300	Vertical	Pass
2	4351.750	46.89	-4.70	74.0	27.11	Peak	0.00	300	Vertical	Pass
2**	4351.750	37.97	-4.70	54.0	16.03	AV	0.00	300	Vertical	Pass
3	5498.000	96.11	-2.51	--	--	Peak	205.00	150	Vertical	N/A
3**	5498.000	88.67	-2.51	--	--	AV	205.00	150	Vertical	N/A
4	7695.500	53.41	1.35	74.0	20.59	Peak	62.00	400	Vertical	Pass
4**	7695.500	44.06	1.35	54.0	9.94	AV	62.00	400	Vertical	Pass
5	12450.987	53.77	1.05	74.0	20.23	Peak	355.00	200	Vertical	Pass
5**	12450.987	43.00	1.05	54.0	11.00	AV	355.00	200	Vertical	Pass
6	16106.588	54.62	1.80	74.0	19.38	Peak	319.00	400	Vertical	Pass
6**	16106.588	45.13	1.80	54.0	8.87	AV	319.00	400	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	1626.100	38.50	-16.91	74.0	35.50	Peak	261.00	300	Horizontal	Pass
1**	1626.100	28.92	-16.91	54.0	25.08	AV	261.00	300	Horizontal	Pass
2	4390.500	46.92	-5.19	74.0	27.08	Peak	324.00	400	Horizontal	Pass
2**	4390.500	38.18	-5.19	54.0	15.82	AV	324.00	400	Horizontal	Pass
3	5577.000	108.09	-1.99	--	--	Peak	120.00	100	Horizontal	N/A
3**	5577.000	101.05	-1.99	--	--	AV	120.00	100	Horizontal	N/A
4	7712.750	53.52	1.76	74.0	20.48	Peak	262.00	200	Horizontal	Pass
4**	7712.750	45.26	1.76	54.0	8.74	AV	262.00	200	Horizontal	Pass
5	12374.513	53.56	0.97	74.0	20.44	Peak	164.00	100	Horizontal	Pass
5**	12374.513	42.54	0.97	54.0	11.46	AV	164.00	100	Horizontal	Pass
6	16126.276	54.34	1.96	74.0	19.66	Peak	98.00	100	Horizontal	Pass
6**	16126.276	45.42	1.96	54.0	8.58	AV	98.00	100	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	1511.900	38.04	-16.59	74.0	35.96	Peak	260.00	400	Vertical	Pass
1**	1511.900	29.23	-16.59	54.0	24.77	AV	260.00	400	Vertical	Pass
2	4291.750	46.85	-4.62	74.0	27.15	Peak	116.00	100	Vertical	Pass
2**	4291.750	37.80	-4.62	54.0	16.20	AV	116.00	100	Vertical	Pass
3	5578.250	99.81	-2.14	--	--	Peak	281.00	100	Vertical	N/A
3**	5578.250	92.45	-2.14	--	--	AV	281.00	100	Vertical	N/A
4	7680.000	52.93	0.84	74.0	21.07	Peak	31.00	200	Vertical	Pass
4**	7680.000	43.50	0.84	54.0	10.50	AV	31.00	200	Vertical	Pass
5	12019.925	52.70	0.20	74.0	21.30	Peak	360.00	200	Vertical	Pass
5**	12019.925	42.05	0.20	54.0	11.95	AV	360.00	200	Vertical	Pass
6	16077.975	54.55	1.46	74.0	19.45	Peak	349.00	200	Vertical	Pass
6**	16077.975	44.85	1.46	54.0	9.15	AV	349.00	200	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	1442.400	38.27	-16.77	74.0	35.73	Peak	14.00	200	Horizontal	Pass
1**	1442.400	28.97	-16.77	54.0	25.03	AV	14.00	200	Horizontal	Pass
2	4388.250	46.98	-4.99	74.0	27.02	Peak	218.00	300	Horizontal	Pass
2**	4388.250	37.53	-4.99	54.0	16.47	AV	218.00	300	Horizontal	Pass
3	5698.500	104.62	-2.31	--	--	Peak	114.00	100	Horizontal	N/A
3**	5698.500	97.61	-2.31	--	--	AV	114.00	100	Horizontal	N/A
4	7702.500	53.26	1.37	74.0	20.74	Peak	0.00	100	Horizontal	Pass
4**	7702.500	43.96	1.37	54.0	10.04	AV	0.00	100	Horizontal	Pass
5	12423.200	52.83	1.07	74.0	21.17	Peak	256.00	200	Horizontal	Pass
5**	12423.200	43.02	1.07	54.0	10.98	AV	256.00	200	Horizontal	Pass
6	16077.712	55.21	1.46	74.0	18.79	Peak	274.00	100	Horizontal	Pass
6**	16077.712	45.26	1.46	54.0	8.74	AV	274.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.700	38.40	-17.04	74.0	35.60	Peak	289.00	300	Vertical	Pass
1**	1457.700	28.86	-17.04	54.0	25.14	AV	289.00	300	Vertical	Pass
2	4254.000	46.79	-4.29	74.0	27.21	Peak	295.00	200	Vertical	Pass
2**	4254.000	37.82	-4.29	54.0	16.18	AV	295.00	200	Vertical	Pass
3	5698.500	96.74	-2.31	--	--	Peak	271.00	100	Vertical	N/A
3**	5698.500	88.82	-2.31	--	--	AV	271.00	100	Vertical	N/A
4	7709.750	53.40	1.76	74.0	20.60	Peak	128.00	200	Vertical	Pass
4**	7709.750	44.38	1.76	54.0	9.62	AV	128.00	200	Vertical	Pass
5	11776.487	52.34	-0.17	74.0	21.66	Peak	3.00	100	Vertical	Pass
5**	11776.487	42.56	-0.17	54.0	11.44	AV	3.00	100	Vertical	Pass
6	16134.938	55.18	2.03	74.0	18.82	Peak	279.00	300	Vertical	Pass
6**	16134.938	45.50	2.03	54.0	8.50	AV	279.00	300	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	1536.200	38.40	-17.32	74.0	35.60	Peak	327.00	400	Horizontal	Pass
1**	1536.200	27.95	-17.32	54.0	26.05	AV	327.00	400	Horizontal	Pass
2	4045.250	47.14	-5.38	74.0	26.86	Peak	0.00	200	Horizontal	Pass
2**	4045.250	37.68	-5.38	54.0	16.32	AV	0.00	200	Horizontal	Pass
3	5508.500	105.18	-2.88	--	--	Peak	108.00	200	Horizontal	N/A
3**	5508.500	97.63	-2.88	--	--	AV	108.00	200	Horizontal	N/A
4	7710.500	52.99	1.96	74.0	21.01	Peak	128.00	400	Horizontal	Pass
4**	7710.500	44.58	1.96	54.0	9.42	AV	128.00	400	Horizontal	Pass
5	11979.076	52.32	0.01	74.0	21.68	Peak	234.00	100	Horizontal	Pass
5**	11979.076	41.96	0.01	54.0	12.04	AV	234.00	100	Horizontal	Pass
6	16102.125	55.04	1.77	74.0	18.96	Peak	281.00	100	Horizontal	Pass
6**	16102.125	45.86	1.77	54.0	8.14	AV	281.00	100	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	1513.300	38.78	-16.71	74.0	35.22	Peak	289.00	400	Vertical	Pass
1**	1513.300	30.20	-16.71	54.0	23.80	AV	289.00	400	Vertical	Pass
2	4363.250	47.27	-5.02	74.0	26.73	Peak	0.00	200	Vertical	Pass
2**	4363.250	37.22	-5.02	54.0	16.78	AV	0.00	200	Vertical	Pass
3	5511.500	95.98	-3.02	--	--	Peak	242.00	100	Vertical	N/A
3**	5511.500	87.77	-3.02	--	--	AV	242.00	100	Vertical	N/A
4	7704.000	53.37	1.37	74.0	20.63	Peak	344.00	100	Vertical	Pass
4**	7704.000	44.40	1.37	54.0	9.60	AV	344.00	100	Vertical	Pass
5	12525.325	52.47	1.29	74.0	21.53	Peak	18.00	100	Vertical	Pass
5**	12525.325	43.75	1.29	54.0	10.25	AV	18.00	100	Vertical	Pass
6	16117.088	54.72	1.89	74.0	19.28	Peak	19.00	400	Vertical	Pass
6**	16117.088	45.33	1.89	54.0	8.67	AV	19.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.200	39.24	-16.83	74.0	34.76	Peak	42.00	400	Horizontal	Pass
1**	1604.200	28.97	-16.83	54.0	25.03	AV	42.00	400	Horizontal	Pass
2	4398.500	47.27	-4.97	74.0	26.73	Peak	157.00	100	Horizontal	Pass
2**	4398.500	38.17	-4.97	54.0	15.83	AV	157.00	100	Horizontal	Pass
3	5588.250	104.34	-2.22	--	--	Peak	94.00	200	Horizontal	N/A
3**	5588.250	97.77	-2.22	--	--	AV	94.00	200	Horizontal	N/A
4	7422.500	53.87	1.35	74.0	20.13	Peak	281.00	200	Horizontal	Pass
4**	7422.500	44.95	1.35	54.0	9.05	AV	281.00	200	Horizontal	Pass
5	11710.463	52.39	-0.45	74.0	21.61	Peak	300.00	100	Horizontal	Pass
5**	11710.463	43.03	-0.45	54.0	10.97	AV	300.00	100	Horizontal	Pass
6	16134.150	54.46	2.02	74.0	19.54	Peak	0.00	200	Horizontal	Pass
6**	16134.150	45.77	2.02	54.0	8.23	AV	0.00	200	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	1436.400	38.81	-17.11	74.0	35.19	Peak	324.00	300	Vertical	Pass
1**	1436.400	29.03	-17.11	54.0	24.97	AV	324.00	300	Vertical	Pass
2	4305.000	47.19	-5.36	74.0	26.81	Peak	181.00	400	Vertical	Pass
2**	4305.000	38.31	-5.36	54.0	15.69	AV	181.00	400	Vertical	Pass
3	5591.750	95.27	-2.11	--	--	Peak	242.00	100	Vertical	N/A
3**	5591.750	88.89	-2.11	--	--	AV	242.00	100	Vertical	N/A
4	7711.000	53.86	1.81	74.0	20.14	Peak	303.00	200	Vertical	Pass
4**	7711.000	44.42	1.81	54.0	9.58	AV	303.00	200	Vertical	Pass
5	12407.763	52.44	1.10	74.0	21.56	Peak	214.00	200	Vertical	Pass
5**	12407.763	42.77	1.10	54.0	11.23	AV	214.00	200	Vertical	Pass
6	16087.425	54.33	1.58	74.0	19.67	Peak	35.00	400	Vertical	Pass
6**	16087.425	44.88	1.58	54.0	9.12	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.400	38.23	-17.20	74.0	35.77	Peak	355.00	100	Horizontal	Pass
1**	1469.400	28.78	-17.20	54.0	25.22	AV	355.00	100	Horizontal	Pass
2	4398.750	46.89	-4.86	74.0	27.11	Peak	324.00	400	Horizontal	Pass
2**	4398.750	37.74	-4.86	54.0	16.26	AV	324.00	400	Horizontal	Pass
3	5668.250	104.30	-2.51	--	--	Peak	99.00	150	Horizontal	N/A
3**	5668.250	97.45	-2.51	--	--	AV	99.00	150	Horizontal	N/A
4	7715.000	53.63	1.54	74.0	20.37	Peak	39.00	200	Horizontal	Pass
4**	7715.000	44.00	1.54	54.0	10.00	AV	39.00	200	Horizontal	Pass
5	12467.849	52.69	1.18	74.0	21.31	Peak	176.00	150	Horizontal	Pass
5**	12467.849	43.21	1.18	54.0	10.79	AV	176.00	150	Horizontal	Pass
6	15886.349	54.84	1.92	74.0	19.16	Peak	12.00	300	Horizontal	Pass
6**	15886.349	45.19	1.92	54.0	8.81	AV	12.00	300	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	1604.200	38.51	-16.83	74.0	35.49	Peak	360.00	400	Vertical	Pass
1**	1604.200	29.04	-16.83	54.0	24.96	AV	360.00	400	Vertical	Pass
2	4300.750	46.50	-5.04	74.0	27.50	Peak	265.00	200	Vertical	Pass
2**	4300.750	37.43	-5.04	54.0	16.57	AV	265.00	200	Vertical	Pass
3	5672.500	95.21	-2.47	--	--	Peak	165.00	100	Vertical	N/A
3**	5672.500	87.71	-2.47	--	--	AV	165.00	100	Vertical	N/A
4	7685.750	53.79	1.54	74.0	20.21	Peak	360.00	200	Vertical	Pass
4**	7685.750	44.69	1.54	54.0	9.31	AV	360.00	200	Vertical	Pass
5	11807.362	52.21	-0.23	74.0	21.79	Peak	232.00	100	Vertical	Pass
5**	11807.362	42.72	-0.23	54.0	11.28	AV	232.00	100	Vertical	Pass
6	16026.526	54.25	1.17	74.0	19.75	Peak	222.00	400	Vertical	Pass
6**	16026.526	44.63	1.17	54.0	9.37	AV	222.00	400	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	1503.100	39.08	-16.88	74.0	34.92	Peak	194.00	200	Horizontal	Pass
1**	1503.100	28.96	-16.88	54.0	25.04	AV	194.00	200	Horizontal	Pass
2	4372.250	46.64	-5.21	74.0	27.36	Peak	221.00	200	Horizontal	Pass
2**	4372.250	37.57	-5.21	54.0	16.43	AV	221.00	200	Horizontal	Pass
3	5518.000	101.88	-2.75	--	--	Peak	80.00	100	Horizontal	N/A
3**	5518.000	92.88	-2.75	--	--	AV	80.00	100	Horizontal	N/A
4	7349.500	53.15	0.04	74.0	20.85	Peak	0.00	400	Horizontal	Pass
4**	7349.500	43.48	0.04	54.0	10.52	AV	0.00	400	Horizontal	Pass
5	12381.400	52.22	1.01	74.0	21.78	Peak	335.00	200	Horizontal	Pass
5**	12381.400	43.24	1.01	54.0	10.76	AV	335.00	200	Horizontal	Pass
6	16138.875	54.52	2.06	74.0	19.48	Peak	38.00	300	Horizontal	Pass
6**	16138.875	44.95	2.06	54.0	9.05	AV	38.00	300	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	1511.500	38.19	-16.80	74.0	35.81	Peak	309.00	200	Vertical	Pass
1**	1511.500	28.63	-16.80	54.0	25.37	AV	309.00	200	Vertical	Pass
2	4256.000	46.74	-4.07	74.0	27.26	Peak	279.00	300	Vertical	Pass
2**	4256.000	38.18	-4.07	54.0	15.82	AV	279.00	300	Vertical	Pass
3	5535.750	92.06	-2.30	--	--	Peak	150.00	150	Vertical	N/A
3**	5535.750	84.66	-2.30	--	--	AV	150.00	150	Vertical	N/A
4	7701.500	53.23	1.29	74.0	20.77	Peak	128.00	200	Vertical	Pass
4**	7701.500	44.73	1.29	54.0	9.27	AV	128.00	200	Vertical	Pass
5	12508.225	52.49	1.39	74.0	21.51	Peak	50.00	100	Vertical	Pass
5**	12508.225	43.13	1.39	54.0	10.87	AV	50.00	100	Vertical	Pass
6	16106.588	54.79	1.80	74.0	19.21	Peak	204.00	200	Vertical	Pass
6**	16106.588	44.87	1.80	54.0	9.13	AV	204.00	200	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	1531.100	38.37	-16.67	74.0	35.63	Peak	50.00	100	Horizontal	Pass
1**	1531.100	29.07	-16.67	54.0	24.93	AV	50.00	100	Horizontal	Pass
2	4072.000	47.30	-5.59	74.0	26.70	Peak	184.00	300	Horizontal	Pass
2**	4072.000	37.11	-5.59	54.0	16.89	AV	184.00	300	Horizontal	Pass
3	5617.000	100.79	-2.54	--	--	Peak	102.00	200	Horizontal	N/A
3**	5617.000	93.28	-2.54	--	--	AV	102.00	200	Horizontal	N/A
4	7711.000	53.73	1.81	74.0	20.27	Peak	61.00	200	Horizontal	Pass
4**	7711.000	44.33	1.81	54.0	9.67	AV	61.00	200	Horizontal	Pass
5	12416.075	52.28	1.08	74.0	21.72	Peak	0.00	100	Horizontal	Pass
5**	12416.075	42.70	1.08	54.0	11.30	AV	0.00	100	Horizontal	Pass
6	16116.300	53.97	1.88	74.0	20.03	Peak	90.00	300	Horizontal	Pass
6**	16116.300	45.54	1.88	54.0	8.46	AV	90.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.700	38.53	-17.00	74.0	35.47	Peak	339.00	100	Vertical	Pass
1**	1587.700	28.80	-17.00	54.0	25.20	AV	339.00	100	Vertical	Pass
2	4242.750	46.83	-4.69	74.0	27.17	Peak	264.00	400	Vertical	Pass
2**	4242.750	38.15	-4.69	54.0	15.85	AV	264.00	400	Vertical	Pass
3	5623.750	92.32	-2.43	--	--	Peak	264.00	100	Vertical	N/A
3**	5623.750	84.90	-2.43	--	--	AV	264.00	100	Vertical	N/A
4	7712.000	52.95	1.91	74.0	21.05	Peak	0.00	100	Vertical	Pass
4**	7712.000	44.25	1.91	54.0	9.75	AV	0.00	100	Vertical	Pass
5	12272.625	52.25	0.86	74.0	21.75	Peak	105.00	150	Vertical	Pass
5**	12272.625	42.86	0.86	54.0	11.14	AV	105.00	150	Vertical	Pass
6	16071.937	54.95	1.38	74.0	19.05	Peak	216.00	300	Vertical	Pass
6**	16071.937	45.23	1.38	54.0	8.77	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.900	38.97	-17.06	74.0	35.03	Peak	0.00	100	Horizontal	Pass
1**	1595.900	29.09	-17.06	54.0	24.91	AV	0.00	100	Horizontal	Pass
2	4244.750	46.83	-4.44	74.0	27.17	Peak	360.00	100	Horizontal	Pass
2**	4244.750	37.28	-4.44	54.0	16.72	AV	360.00	100	Horizontal	Pass
3	5744.000	108.75	-2.18	--	--	Peak	122.00	100	Horizontal	N/A
3**	5744.000	101.39	-2.18	--	--	AV	122.00	100	Horizontal	N/A
4	7705.000	53.03	2.03	74.0	20.97	Peak	360.00	400	Horizontal	Pass
4**	7705.000	44.82	2.03	54.0	9.18	AV	360.00	400	Horizontal	Pass
5	12419.637	52.93	1.08	74.0	21.07	Peak	307.00	100	Horizontal	Pass
5**	12419.637	42.81	1.08	54.0	11.19	AV	307.00	100	Horizontal	Pass
6	16070.887	54.19	1.37	74.0	19.81	Peak	283.00	300	Horizontal	Pass
6**	16070.887	45.57	1.37	54.0	8.43	AV	283.00	300	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	1584.100	38.11	-17.11	74.0	35.89	Peak	222.00	200	Vertical	Pass
1**	1584.100	28.77	-17.11	54.0	25.23	AV	222.00	200	Vertical	Pass
2	4383.000	46.33	-5.31	74.0	27.67	Peak	138.00	400	Vertical	Pass
2**	4383.000	37.25	-5.31	54.0	16.75	AV	138.00	400	Vertical	Pass
3	5747.000	99.85	-2.01	--	--	Peak	240.00	150	Vertical	N/A
3**	5747.000	92.74	-2.01	--	--	AV	240.00	150	Vertical	N/A
4	7359.500	53.38	0.87	74.0	20.62	Peak	36.00	400	Vertical	Pass
4**	7359.500	43.83	0.87	54.0	10.17	AV	36.00	400	Vertical	Pass
5	12403.963	52.22	1.10	74.0	21.78	Peak	360.00	150	Vertical	Pass
5**	12403.963	43.87	1.10	54.0	10.13	AV	360.00	150	Vertical	Pass
6	15679.762	54.78	1.82	74.0	19.22	Peak	360.00	100	Vertical	Pass
6**	15679.762	44.66	1.82	54.0	9.34	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.800	38.84	-17.15	74.0	35.16	Peak	207.00	200	Horizontal	Pass
1**	1614.800	28.74	-17.15	54.0	25.26	AV	207.00	200	Horizontal	Pass
2	4262.500	46.78	-4.38	74.0	27.22	Peak	136.00	100	Horizontal	Pass
2**	4262.500	38.03	-4.38	54.0	15.97	AV	136.00	100	Horizontal	Pass
3	5786.000	107.21	-2.41	--	--	Peak	116.00	100	Horizontal	N/A
3**	5786.000	100.31	-2.41	--	--	AV	116.00	100	Horizontal	N/A
4	7704.750	53.17	2.00	74.0	20.83	Peak	198.00	200	Horizontal	Pass
4**	7704.750	44.48	2.00	54.0	9.52	AV	198.00	200	Horizontal	Pass
5	12370.237	52.81	0.95	74.0	21.19	Peak	329.00	100	Horizontal	Pass
5**	12370.237	43.27	0.95	54.0	10.73	AV	329.00	100	Horizontal	Pass
6	15773.475	54.73	1.15	74.0	19.27	Peak	295.00	300	Horizontal	Pass
6**	15773.475	45.17	1.15	54.0	8.83	AV	295.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.700	37.91	-17.03	74.0	36.09	Peak	136.00	300	Vertical	Pass
1**	1469.700	28.64	-17.03	54.0	25.36	AV	136.00	300	Vertical	Pass
2	4224.250	47.43	-5.01	74.0	26.57	Peak	220.00	400	Vertical	Pass
2**	4224.250	37.33	-5.01	54.0	16.67	AV	220.00	400	Vertical	Pass
3	5786.750	99.09	-2.38	--	--	Peak	220.00	200	Vertical	N/A
3**	5786.750	92.02	-2.38	--	--	AV	220.00	200	Vertical	N/A
4	7690.750	52.94	0.84	74.0	21.06	Peak	0.00	400	Vertical	Pass
4**	7690.750	43.32	0.84	54.0	10.68	AV	0.00	400	Vertical	Pass
5	12339.125	52.74	0.78	74.0	21.26	Peak	35.00	150	Vertical	Pass
5**	12339.125	43.09	0.78	54.0	10.91	AV	35.00	150	Vertical	Pass
6	15865.875	54.25	1.77	74.0	19.75	Peak	203.00	100	Vertical	Pass
6**	15865.875	44.16	1.77	54.0	9.84	AV	203.00	100	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	1447.700	38.18	-16.75	74.0	35.82	Peak	219.00	100	Horizontal	Pass
1**	1447.700	28.68	-16.75	54.0	25.32	AV	219.00	100	Horizontal	Pass
2	4260.750	47.34	-4.40	74.0	26.66	Peak	251.00	100	Horizontal	Pass
2**	4260.750	37.09	-4.40	54.0	16.91	AV	251.00	100	Horizontal	Pass
3	5823.000	107.24	-2.53	--	--	Peak	111.00	100	Horizontal	N/A
3**	5823.000	100.13	-2.53	--	--	AV	111.00	100	Horizontal	N/A
4	7709.250	52.91	1.90	74.0	21.09	Peak	179.00	400	Horizontal	Pass
4**	7709.250	44.63	1.90	54.0	9.37	AV	179.00	400	Horizontal	Pass
5	11791.688	52.55	-0.15	74.0	21.45	Peak	6.00	200	Horizontal	Pass
5**	11791.688	42.60	-0.15	54.0	11.40	AV	6.00	200	Horizontal	Pass
6	15906.037	54.69	1.92	74.0	19.31	Peak	193.00	200	Horizontal	Pass
6**	15906.037	44.45	1.92	54.0	9.55	AV	193.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.000	37.95	-16.84	74.0	36.05	Peak	178.00	400	Vertical	Pass
1**	1612.000	29.36	-16.84	54.0	24.64	AV	178.00	400	Vertical	Pass
2	3963.750	46.41	-5.86	74.0	27.59	Peak	220.00	400	Vertical	Pass
2**	3963.750	37.05	-5.86	54.0	16.95	AV	220.00	400	Vertical	Pass
3	5827.000	98.28	-2.45	--	--	Peak	245.00	150	Vertical	N/A
3**	5827.000	91.02	-2.45	--	--	AV	245.00	150	Vertical	N/A
4	7711.500	53.90	1.98	74.0	20.10	Peak	273.00	300	Vertical	Pass
4**	7711.500	44.65	1.98	54.0	9.35	AV	273.00	300	Vertical	Pass
5	12261.937	52.34	0.97	74.0	21.66	Peak	0.00	150	Vertical	Pass
5**	12261.937	43.43	0.97	54.0	10.57	AV	0.00	150	Vertical	Pass
6	16107.900	54.24	1.81	74.0	19.76	Peak	257.00	400	Vertical	Pass
6**	16107.900	45.32	1.81	54.0	8.68	AV	257.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	38.10	-16.87	74.0	35.90	Peak	23.00	400	Horizontal	Pass
1**	1498.100	28.56	-16.87	54.0	25.44	AV	23.00	400	Horizontal	Pass
2	4333.500	46.78	-5.02	74.0	27.22	Peak	68.00	100	Horizontal	Pass
2**	4333.500	36.60	-5.02	54.0	17.40	AV	68.00	100	Horizontal	Pass
3	5744.000	107.90	-2.18	--	--	Peak	113.00	100	Horizontal	N/A
3**	5744.000	101.33	-2.18	--	--	AV	113.00	100	Horizontal	N/A
4	7454.500	53.32	0.47	74.0	20.68	Peak	222.00	100	Horizontal	Pass
4**	7454.500	42.79	0.47	54.0	11.21	AV	222.00	100	Horizontal	Pass
5	12491.837	52.46	1.37	74.0	21.54	Peak	197.00	200	Horizontal	Pass
5**	12491.837	43.05	1.37	54.0	10.95	AV	197.00	200	Horizontal	Pass
6	16081.651	54.34	1.51	74.0	19.66	Peak	33.00	400	Horizontal	Pass
6**	16081.651	44.59	1.51	54.0	9.41	AV	33.00	400	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	1464.300	38.18	-17.13	74.0	35.82	Peak	0.00	100	Vertical	Pass
1**	1464.300	28.25	-17.13	54.0	25.75	AV	0.00	100	Vertical	Pass
2	4361.000	47.27	-5.07	74.0	26.73	Peak	148.00	400	Vertical	Pass
2**	4361.000	37.46	-5.07	54.0	16.54	AV	148.00	400	Vertical	Pass
3	5743.750	100.22	-2.18	--	--	Peak	211.00	100	Vertical	N/A
3**	5743.750	92.29	-2.18	--	--	AV	211.00	100	Vertical	N/A
4	7657.750	52.95	1.31	74.0	21.05	Peak	19.00	100	Vertical	Pass
4**	7657.750	43.59	1.31	54.0	10.41	AV	19.00	100	Vertical	Pass
5	12009.713	52.73	0.34	74.0	21.27	Peak	40.00	150	Vertical	Pass
5**	12009.713	42.18	0.34	54.0	11.82	AV	40.00	150	Vertical	Pass
6	16124.174	54.29	1.94	74.0	19.71	Peak	325.00	200	Vertical	Pass
6**	16124.174	44.89	1.94	54.0	9.11	AV	325.00	200	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	1513.300	38.43	-16.71	74.0	35.57	Peak	197.00	100	Horizontal	Pass
1**	1513.300	29.30	-16.71	54.0	24.70	AV	197.00	100	Horizontal	Pass
2	4138.250	46.76	-5.53	74.0	27.24	Peak	17.00	300	Horizontal	Pass
2**	4138.250	36.54	-5.53	54.0	17.46	AV	17.00	300	Horizontal	Pass
3	5786.500	107.34	-2.25	--	--	Peak	99.00	100	Horizontal	N/A
3**	5786.500	100.18	-2.25	--	--	AV	99.00	100	Horizontal	N/A
4	7690.000	53.03	1.28	74.0	20.97	Peak	99.00	200	Horizontal	Pass
4**	7690.000	44.00	1.28	54.0	10.00	AV	99.00	200	Horizontal	Pass
5	11991.900	52.25	0.29	74.0	21.75	Peak	326.00	100	Horizontal	Pass
5**	11991.900	42.67	0.29	54.0	11.33	AV	326.00	100	Horizontal	Pass
6	16058.550	54.44	1.20	74.0	19.56	Peak	136.00	400	Horizontal	Pass
6**	16058.550	44.69	1.20	54.0	9.31	AV	136.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.400	38.98	-16.80	74.0	35.02	Peak	106.00	300	Vertical	Pass
1**	1604.400	28.92	-16.80	54.0	25.08	AV	106.00	300	Vertical	Pass
2	4284.500	47.05	-4.88	74.0	26.95	Peak	169.00	100	Vertical	Pass
2**	4284.500	37.10	-4.88	54.0	16.90	AV	169.00	100	Vertical	Pass
3	5783.750	99.24	-2.79	--	--	Peak	211.00	200	Vertical	N/A
3**	5783.750	92.78	-2.79	--	--	AV	211.00	200	Vertical	N/A
4	7668.250	53.05	0.80	74.0	20.95	Peak	360.00	300	Vertical	Pass
4**	7668.250	43.57	0.80	54.0	10.43	AV	360.00	300	Vertical	Pass
5	12356.463	52.44	0.88	74.0	21.56	Peak	66.00	150	Vertical	Pass
5**	12356.463	43.07	0.88	54.0	10.93	AV	66.00	150	Vertical	Pass
6	15450.863	54.50	1.94	74.0	19.50	Peak	220.00	300	Vertical	Pass
6**	15450.863	43.50	1.94	54.0	10.50	AV	220.00	300	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	1613.500	38.24	-16.85	74.0	35.76	Peak	151.00	200	Horizontal	Pass
1**	1613.500	29.21	-16.85	54.0	24.79	AV	151.00	200	Horizontal	Pass
2	4254.000	47.20	-4.29	74.0	26.80	Peak	155.00	300	Horizontal	Pass
2**	4254.000	37.35	-4.29	54.0	16.65	AV	155.00	300	Horizontal	Pass
3	5823.750	106.88	-2.78	--	--	Peak	108.00	100	Horizontal	N/A
3**	5823.750	99.74	-2.78	--	--	AV	108.00	100	Horizontal	N/A
4	7705.000	53.15	2.03	74.0	20.85	Peak	247.00	300	Horizontal	Pass
4**	7705.000	45.15	2.03	54.0	8.85	AV	247.00	300	Horizontal	Pass
5	11679.350	52.24	-0.86	74.0	21.76	Peak	192.00	150	Horizontal	Pass
5**	11679.350	42.44	-0.86	54.0	11.56	AV	192.00	150	Horizontal	Pass
6	15442.725	54.51	2.10	74.0	19.49	Peak	186.00	100	Horizontal	Pass
6**	15442.725	44.35	2.10	54.0	9.65	AV	186.00	100	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	1626.100	38.61	-16.91	74.0	35.39	Peak	163.00	100	Vertical	Pass
1**	1626.100	28.72	-16.91	54.0	25.28	AV	163.00	100	Vertical	Pass
2	4315.250	46.85	-4.91	74.0	27.15	Peak	289.00	400	Vertical	Pass
2**	4315.250	38.04	-4.91	54.0	15.96	AV	289.00	400	Vertical	Pass
3	5823.500	98.42	-2.77	--	--	Peak	141.00	200	Vertical	N/A
3**	5823.500	90.88	-2.77	--	--	AV	141.00	200	Vertical	N/A
4	7707.500	53.40	1.49	74.0	20.60	Peak	289.00	100	Vertical	Pass
4**	7707.500	43.97	1.49	54.0	10.03	AV	289.00	100	Vertical	Pass
5	11794.537	52.35	-0.15	74.0	21.65	Peak	340.00	150	Vertical	Pass
5**	11794.537	42.86	-0.15	54.0	11.14	AV	340.00	150	Vertical	Pass
6	16129.950	54.10	1.99	74.0	19.90	Peak	261.00	300	Vertical	Pass
6**	16129.950	44.74	1.99	54.0	9.26	AV	261.00	300	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	1603.100	38.93	-16.88	74.0	35.07	Peak	212.00	100	Horizontal	Pass
1**	1603.100	29.44	-16.88	54.0	24.56	AV	212.00	100	Horizontal	Pass
2	4386.750	46.75	-5.05	74.0	27.25	Peak	344.00	400	Horizontal	Pass
2**	4386.750	37.70	-5.05	54.0	16.30	AV	344.00	400	Horizontal	Pass
3	5757.750	104.89	-2.29	--	--	Peak	99.00	200	Horizontal	N/A
3**	5757.750	96.64	-2.29	--	--	AV	99.00	200	Horizontal	N/A
4	7705.250	53.20	2.03	74.0	20.80	Peak	344.00	100	Horizontal	Pass
4**	7705.250	44.72	2.03	54.0	9.28	AV	344.00	100	Horizontal	Pass
5	11151.388	52.46	-1.50	74.0	21.54	Peak	42.00	150	Horizontal	Pass
5**	11151.388	42.15	-1.50	54.0	11.85	AV	42.00	150	Horizontal	Pass
6	16038.338	54.11	1.13	74.0	19.89	Peak	34.00	300	Horizontal	Pass
6**	16038.338	45.29	1.13	54.0	8.71	AV	34.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.400	38.38	-16.77	74.0	35.62	Peak	141.00	400	Vertical	Pass
1**	1442.400	28.62	-16.77	54.0	25.38	AV	141.00	400	Vertical	Pass
2	4071.000	46.93	-5.80	74.0	27.07	Peak	60.00	300	Vertical	Pass
2**	4071.000	36.59	-5.80	54.0	17.41	AV	60.00	300	Vertical	Pass
3	5753.000	96.87	-2.15	--	--	Peak	221.00	100	Vertical	N/A
3**	5753.000	88.91	-2.15	--	--	AV	221.00	100	Vertical	N/A
4	7611.000	53.56	0.53	74.0	20.44	Peak	101.00	200	Vertical	Pass
4**	7611.000	43.87	0.53	54.0	10.13	AV	101.00	200	Vertical	Pass
5	12460.724	52.84	1.12	74.0	21.16	Peak	158.00	200	Vertical	Pass
5**	12460.724	42.97	1.12	54.0	11.03	AV	158.00	200	Vertical	Pass
6	16122.863	54.64	1.93	74.0	19.36	Peak	286.00	400	Vertical	Pass
6**	16122.863	44.68	1.93	54.0	9.32	AV	286.00	400	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	1510.000	38.18	-16.95	74.0	35.82	Peak	0.00	200	Horizontal	Pass
1**	1510.000	28.59	-16.95	54.0	25.41	AV	0.00	200	Horizontal	Pass
2	4372.500	46.67	-5.44	74.0	27.33	Peak	324.00	300	Horizontal	Pass
2**	4372.500	36.63	-5.44	54.0	17.37	AV	324.00	300	Horizontal	Pass
3	5792.750	104.08	-2.18	--	--	Peak	99.00	100	Horizontal	N/A
3**	5792.750	97.65	-2.18	--	--	AV	99.00	100	Horizontal	N/A
4	7692.250	53.47	0.93	74.0	20.53	Peak	324.00	100	Horizontal	Pass
4**	7692.250	43.89	0.93	54.0	10.11	AV	324.00	100	Horizontal	Pass
5	11814.013	52.30	-0.31	74.0	21.70	Peak	120.00	100	Horizontal	Pass
5**	11814.013	42.46	-0.31	54.0	11.54	AV	120.00	100	Horizontal	Pass
6	15912.863	54.49	1.80	74.0	19.51	Peak	354.00	100	Horizontal	Pass
6**	15912.863	45.08	1.80	54.0	8.92	AV	354.00	100	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	1515.000	38.39	-16.99	74.0	35.61	Peak	219.00	400	Vertical	Pass
1**	1515.000	30.03	-16.99	54.0	23.97	AV	219.00	400	Vertical	Pass
2	4330.500	46.70	-4.92	74.0	27.30	Peak	240.00	400	Vertical	Pass
2**	4330.500	37.00	-4.92	54.0	17.00	AV	240.00	400	Vertical	Pass
3	5798.500	95.33	-2.21	--	--	Peak	220.00	150	Vertical	N/A
3**	5798.500	88.15	-2.21	--	--	AV	220.00	150	Vertical	N/A
4	7708.250	52.81	1.90	74.0	21.19	Peak	159.00	400	Vertical	Pass
4**	7708.250	44.48	1.90	54.0	9.52	AV	159.00	400	Vertical	Pass
5	11470.588	52.92	-1.09	74.0	21.08	Peak	360.00	200	Vertical	Pass
5**	11470.588	41.78	-1.09	54.0	12.22	AV	360.00	200	Vertical	Pass
6	16109.213	54.09	1.82	74.0	19.91	Peak	119.00	200	Vertical	Pass
6**	16109.213	44.72	1.82	54.0	9.28	AV	119.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.900	38.02	-17.04	74.0	35.98	Peak	134.00	300	Horizontal	Pass
1**	1474.900	29.03	-17.04	54.0	24.97	AV	134.00	300	Horizontal	Pass
2	4271.750	46.91	-5.07	74.0	27.09	Peak	262.00	200	Horizontal	Pass
2**	4271.750	37.50	-5.07	54.0	16.50	AV	262.00	200	Horizontal	Pass
3	5743.750	107.87	-2.18	--	--	Peak	120.00	100	Horizontal	N/A
3**	5743.750	100.67	-2.18	--	--	AV	120.00	100	Horizontal	N/A
4	7709.500	53.55	1.88	74.0	20.45	Peak	201.00	400	Horizontal	Pass
4**	7709.500	44.74	1.88	54.0	9.26	AV	201.00	400	Horizontal	Pass
5	12400.400	52.17	1.11	74.0	21.83	Peak	127.00	150	Horizontal	Pass
5**	12400.400	44.14	1.11	54.0	9.86	AV	127.00	150	Horizontal	Pass
6	16132.312	54.94	2.01	74.0	19.06	Peak	279.00	100	Horizontal	Pass
6**	16132.312	45.04	2.01	54.0	8.96	AV	279.00	100	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	1605.000	38.42	-16.61	74.0	35.58	Peak	246.00	200	Vertical	Pass
1**	1605.000	29.57	-16.61	54.0	24.43	AV	246.00	200	Vertical	Pass
2	4395.000	46.74	-4.84	74.0	27.26	Peak	169.00	400	Vertical	Pass
2**	4395.000	37.33	-4.84	54.0	16.67	AV	169.00	400	Vertical	Pass
3	5742.500	99.40	-2.06	--	--	Peak	235.00	100	Vertical	N/A
3**	5742.500	91.77	-2.06	--	--	AV	235.00	100	Vertical	N/A
4	7704.500	53.01	1.93	74.0	20.99	Peak	104.00	100	Vertical	Pass
4**	7704.500	45.23	1.93	54.0	8.77	AV	104.00	100	Vertical	Pass
5	12363.350	53.05	0.92	74.0	20.95	Peak	62.00	100	Vertical	Pass
5**	12363.350	42.37	0.92	54.0	11.63	AV	62.00	100	Vertical	Pass
6	16144.388	54.10	2.11	74.0	19.90	Peak	4.00	400	Vertical	Pass
6**	16144.388	45.80	2.11	54.0	8.20	AV	4.00	400	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	1496.800	38.15	-16.81	74.0	35.85	Peak	25.00	300	Horizontal	Pass
1**	1496.800	29.18	-16.81	54.0	24.82	AV	25.00	300	Horizontal	Pass
2	4241.500	46.60	-4.69	74.0	27.40	Peak	319.00	200	Horizontal	Pass
2**	4241.500	37.53	-4.69	54.0	16.47	AV	319.00	200	Horizontal	Pass
3	5786.250	107.44	-2.30	--	--	Peak	100.00	150	Horizontal	N/A
3**	5786.250	100.71	-2.30	--	--	AV	100.00	150	Horizontal	N/A
4	7684.750	52.84	0.90	74.0	21.16	Peak	342.00	400	Horizontal	Pass
4**	7684.750	43.49	0.90	54.0	10.51	AV	342.00	400	Horizontal	Pass
5	11795.724	52.73	-0.15	74.0	21.27	Peak	193.00	150	Horizontal	Pass
5**	11795.724	43.94	-0.15	54.0	10.06	AV	193.00	150	Horizontal	Pass
6	16096.612	54.17	1.71	74.0	19.83	Peak	181.00	200	Horizontal	Pass
6**	16096.612	45.12	1.71	54.0	8.88	AV	181.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.100	38.66	-16.74	74.0	35.34	Peak	360.00	400	Vertical	Pass
1**	1582.100	29.51	-16.74	54.0	24.49	AV	360.00	400	Vertical	Pass
2	4312.250	46.73	-5.68	74.0	27.27	Peak	140.00	100	Vertical	Pass
2**	4312.250	36.30	-5.68	54.0	17.70	AV	140.00	100	Vertical	Pass
3	5787.000	99.61	-2.45	--	--	Peak	222.00	100	Vertical	N/A
3**	5787.000	92.44	-2.45	--	--	AV	222.00	100	Vertical	N/A
4	7709.250	52.90	1.90	74.0	21.10	Peak	324.00	100	Vertical	Pass
4**	7709.250	44.30	1.90	54.0	9.70	AV	324.00	100	Vertical	Pass
5	11998.075	52.49	0.43	74.0	21.51	Peak	360.00	150	Vertical	Pass
5**	11998.075	43.60	0.43	54.0	10.40	AV	360.00	150	Vertical	Pass
6	15892.125	53.88	1.97	74.0	20.12	Peak	21.00	400	Vertical	Pass
6**	15892.125	44.79	1.97	54.0	9.21	AV	21.00	400	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	1602.800	38.72	-16.89	74.0	35.28	Peak	238.00	300	Horizontal	Pass
1**	1602.800	28.85	-16.89	54.0	25.15	AV	238.00	300	Horizontal	Pass
2	4256.250	46.91	-4.17	74.0	27.09	Peak	204.00	400	Horizontal	Pass
2**	4256.250	38.50	-4.17	54.0	15.50	AV	204.00	400	Horizontal	Pass
3	5826.000	106.86	-2.58	--	--	Peak	106.00	100	Horizontal	N/A
3**	5826.000	99.49	-2.58	--	--	AV	106.00	100	Horizontal	N/A
4	7696.000	53.41	1.04	74.0	20.59	Peak	273.00	400	Horizontal	Pass
4**	7696.000	44.45	1.04	54.0	9.55	AV	273.00	400	Horizontal	Pass
5	12415.126	52.47	1.09	74.0	21.53	Peak	251.00	200	Horizontal	Pass
5**	12415.126	43.28	1.09	54.0	10.72	AV	251.00	200	Horizontal	Pass
6	15639.075	53.70	1.87	74.0	20.30	Peak	238.00	200	Horizontal	Pass
6**	15639.075	44.51	1.87	54.0	9.49	AV	238.00	200	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	1488.200	38.17	-16.97	74.0	35.83	Peak	0.00	100	Vertical	Pass
1**	1488.200	28.57	-16.97	54.0	25.43	AV	0.00	100	Vertical	Pass
2	4256.750	46.62	-4.12	74.0	27.38	Peak	0.00	300	Vertical	Pass
2**	4256.750	37.75	-4.12	54.0	16.25	AV	0.00	300	Vertical	Pass
3	5826.750	98.45	-2.49	--	--	Peak	254.00	150	Vertical	N/A
3**	5826.750	91.13	-2.49	--	--	AV	254.00	150	Vertical	N/A
4	7707.000	53.34	1.71	74.0	20.66	Peak	34.00	200	Vertical	Pass
4**	7707.000	45.13	1.71	54.0	8.87	AV	34.00	200	Vertical	Pass
5	12268.826	52.21	0.90	74.0	21.79	Peak	320.00	150	Vertical	Pass
5**	12268.826	42.79	0.90	54.0	11.21	AV	320.00	150	Vertical	Pass
6	16155.938	54.78	2.11	74.0	19.22	Peak	0.00	200	Vertical	Pass
6**	16155.938	44.16	2.11	54.0	9.84	AV	0.00	200	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	1619.900	38.84	-16.86	74.0	35.16	Peak	261.00	300	Horizontal	Pass
1**	1619.900	28.82	-16.86	54.0	25.18	AV	261.00	300	Horizontal	Pass
2	4335.750	47.52	-4.73	74.0	26.48	Peak	293.00	100	Horizontal	Pass
2**	4335.750	37.87	-4.73	54.0	16.13	AV	293.00	100	Horizontal	Pass
3	5758.250	103.97	-2.04	--	--	Peak	102.00	100	Horizontal	N/A
3**	5758.250	97.14	-2.04	--	--	AV	102.00	100	Horizontal	N/A
4	7704.750	53.02	2.00	74.0	20.98	Peak	198.00	400	Horizontal	Pass
4**	7704.750	45.01	2.00	54.0	8.99	AV	198.00	400	Horizontal	Pass
5	11513.338	52.30	-0.76	74.0	21.70	Peak	0.00	100	Horizontal	Pass
5**	11513.338	42.42	-0.76	54.0	11.58	AV	0.00	100	Horizontal	Pass
6	16059.338	54.92	1.21	74.0	19.08	Peak	215.00	100	Horizontal	Pass
6**	16059.338	44.35	1.21	54.0	9.65	AV	215.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.700	37.92	-16.80	74.0	36.08	Peak	14.00	100	Vertical	Pass
1**	1613.700	29.04	-16.80	54.0	24.96	AV	14.00	100	Vertical	Pass
2	4392.750	47.49	-5.29	74.0	26.51	Peak	221.00	200	Vertical	Pass
2**	4392.750	37.34	-5.29	54.0	16.66	AV	221.00	200	Vertical	Pass
3	5753.250	96.37	-2.25	--	--	Peak	221.00	150	Vertical	N/A
3**	5753.250	89.51	-2.25	--	--	AV	221.00	150	Vertical	N/A
4	7704.750	53.55	2.00	74.0	20.45	Peak	283.00	400	Vertical	Pass
4**	7704.750	44.90	2.00	54.0	9.10	AV	283.00	400	Vertical	Pass
5	12506.800	52.96	1.40	74.0	21.04	Peak	238.00	100	Vertical	Pass
5**	12506.800	42.62	1.40	54.0	11.38	AV	238.00	100	Vertical	Pass
6	15894.487	54.98	1.98	74.0	19.02	Peak	204.00	300	Vertical	Pass
6**	15894.487	44.82	1.98	54.0	9.18	AV	204.00	300	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	1532.300	38.35	-16.88	74.0	35.65	Peak	360.00	300	Horizontal	Pass
1**	1532.300	28.64	-16.88	54.0	25.36	AV	360.00	300	Horizontal	Pass
2	4219.500	46.91	-5.19	74.0	27.09	Peak	133.00	300	Horizontal	Pass
2**	4219.500	36.20	-5.19	54.0	17.80	AV	133.00	300	Horizontal	Pass
3	5798.000	103.45	-2.18	--	--	Peak	113.00	200	Horizontal	N/A
3**	5798.000	96.29	-2.18	--	--	AV	113.00	200	Horizontal	N/A
4	7710.250	52.86	1.90	74.0	21.14	Peak	194.00	100	Horizontal	Pass
4**	7710.250	44.72	1.90	54.0	9.28	AV	194.00	100	Horizontal	Pass
5	12339.125	52.21	0.78	74.0	21.79	Peak	40.00	150	Horizontal	Pass
5**	12339.125	43.18	0.78	54.0	10.82	AV	40.00	150	Horizontal	Pass
6	16068.000	54.52	1.33	74.0	19.48	Peak	80.00	300	Horizontal	Pass
6**	16068.000	45.86	1.33	54.0	8.14	AV	80.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.200	38.53	-16.99	74.0	35.47	Peak	141.00	100	Vertical	Pass
1**	1611.200	28.84	-16.99	54.0	25.16	AV	141.00	100	Vertical	Pass
2	4153.000	46.71	-5.56	74.0	27.29	Peak	262.00	400	Vertical	Pass
2**	4153.000	37.49	-5.56	54.0	16.51	AV	262.00	400	Vertical	Pass
3	5791.000	95.32	-2.35	--	--	Peak	160.00	150	Vertical	N/A
3**	5791.000	87.78	-2.35	--	--	AV	160.00	150	Vertical	N/A
4	7414.750	53.21	0.69	74.0	20.79	Peak	121.00	100	Vertical	Pass
4**	7414.750	42.97	0.69	54.0	11.03	AV	121.00	100	Vertical	Pass
5	12479.963	52.75	1.28	74.0	21.25	Peak	26.00	200	Vertical	Pass
5**	12479.963	42.52	1.28	54.0	11.48	AV	26.00	200	Vertical	Pass
6	16122.338	54.48	1.93	74.0	19.52	Peak	106.00	400	Vertical	Pass
6**	16122.338	44.65	1.93	54.0	9.35	AV	106.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.300	38.56	-17.05	74.0	35.44	Peak	124.00	100	Horizontal	Pass
1**	1544.300	29.06	-17.05	54.0	24.94	AV	124.00	100	Horizontal	Pass
2	4355.000	46.37	-4.78	74.0	27.63	Peak	242.00	100	Horizontal	Pass
2**	4355.000	36.69	-4.78	54.0	17.31	AV	242.00	100	Horizontal	Pass
3	5771.000	97.51	-2.42	--	--	Peak	101.00	100	Horizontal	N/A
3**	5771.000	89.49	-2.42	--	--	AV	101.00	100	Horizontal	N/A
4	7710.250	53.12	1.90	74.0	20.88	Peak	242.00	300	Horizontal	Pass
4**	7710.250	45.02	1.90	54.0	8.98	AV	242.00	300	Horizontal	Pass
5	12318.463	52.55	0.66	74.0	21.45	Peak	100.00	150	Horizontal	Pass
5**	12318.463	42.70	0.66	54.0	11.30	AV	100.00	150	Horizontal	Pass
6	16027.837	54.07	1.16	74.0	19.93	Peak	106.00	200	Horizontal	Pass
6**	16027.837	44.27	1.16	54.0	9.73	AV	106.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.800	38.66	-17.15	74.0	35.34	Peak	67.00	400	Vertical	Pass
1**	1614.800	29.69	-17.15	54.0	24.31	AV	67.00	400	Vertical	Pass
2	4227.750	47.05	-4.97	74.0	26.95	Peak	79.00	100	Vertical	Pass
2**	4227.750	36.68	-4.97	54.0	17.32	AV	79.00	100	Vertical	Pass
3	5781.750	89.47	-2.79	--	--	Peak	160.00	200	Vertical	N/A
3**	5781.750	81.61	-2.79	--	--	AV	160.00	200	Vertical	N/A
4	7686.000	53.24	1.48	74.0	20.76	Peak	119.00	300	Vertical	Pass
4**	7686.000	44.05	1.48	54.0	9.95	AV	119.00	300	Vertical	Pass
5	11524.025	52.42	-0.90	74.0	21.58	Peak	224.00	100	Vertical	Pass
5**	11524.025	42.40	-0.90	54.0	11.60	AV	224.00	100	Vertical	Pass
6	15897.900	54.32	2.01	74.0	19.68	Peak	251.00	200	Vertical	Pass
6**	15897.900	45.22	2.01	54.0	8.78	AV	251.00	200	Vertical	Pass

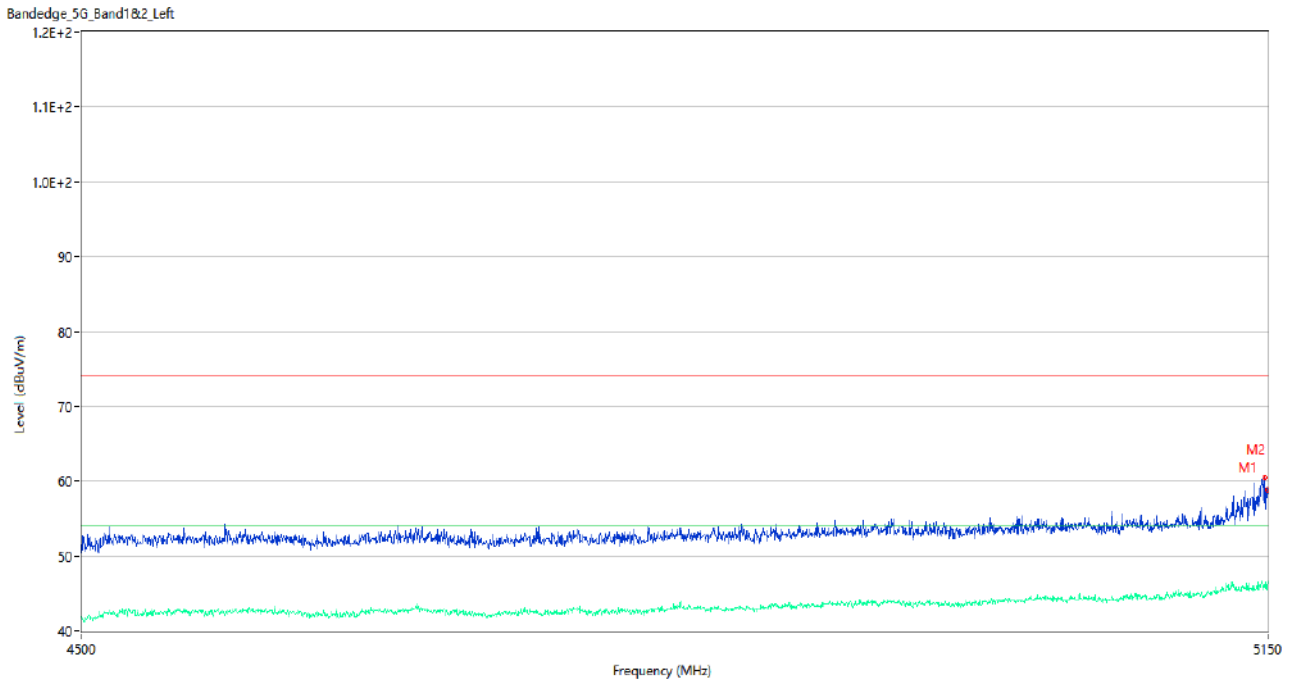
A.6.2 Band Edge (Restricted-band)

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	
	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

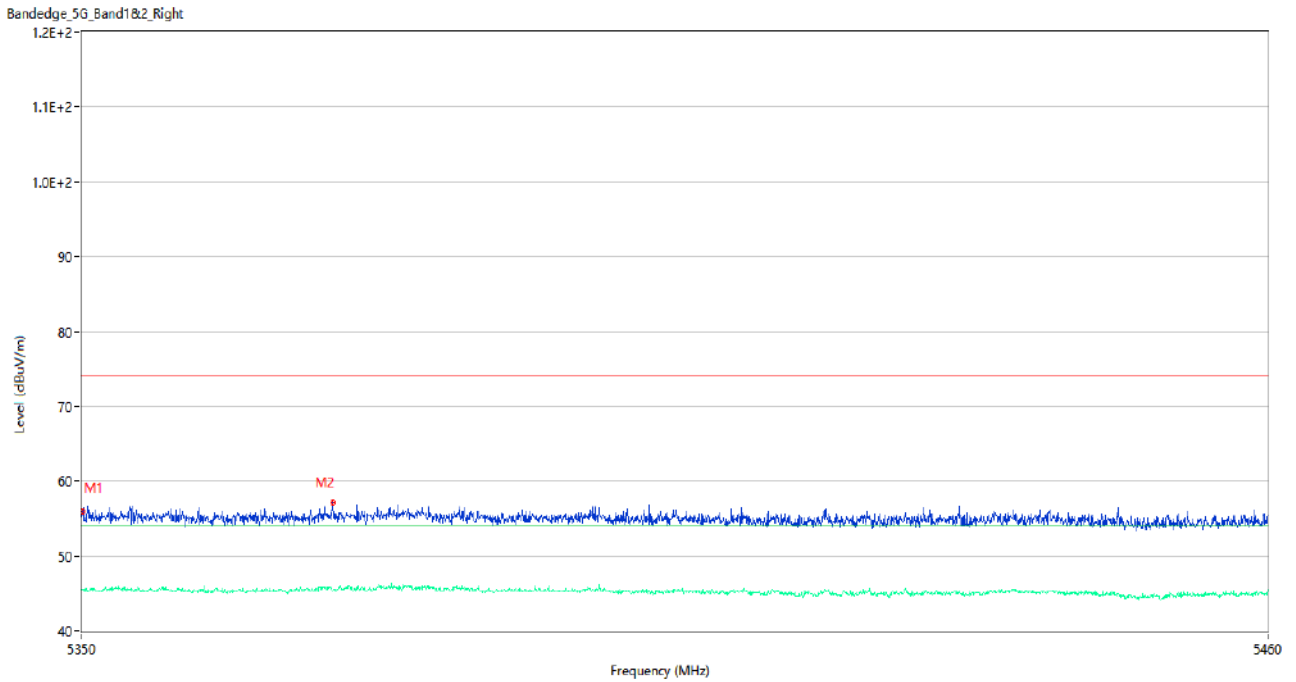
Test Data and Plots

U-NII-1 11a Low Channel



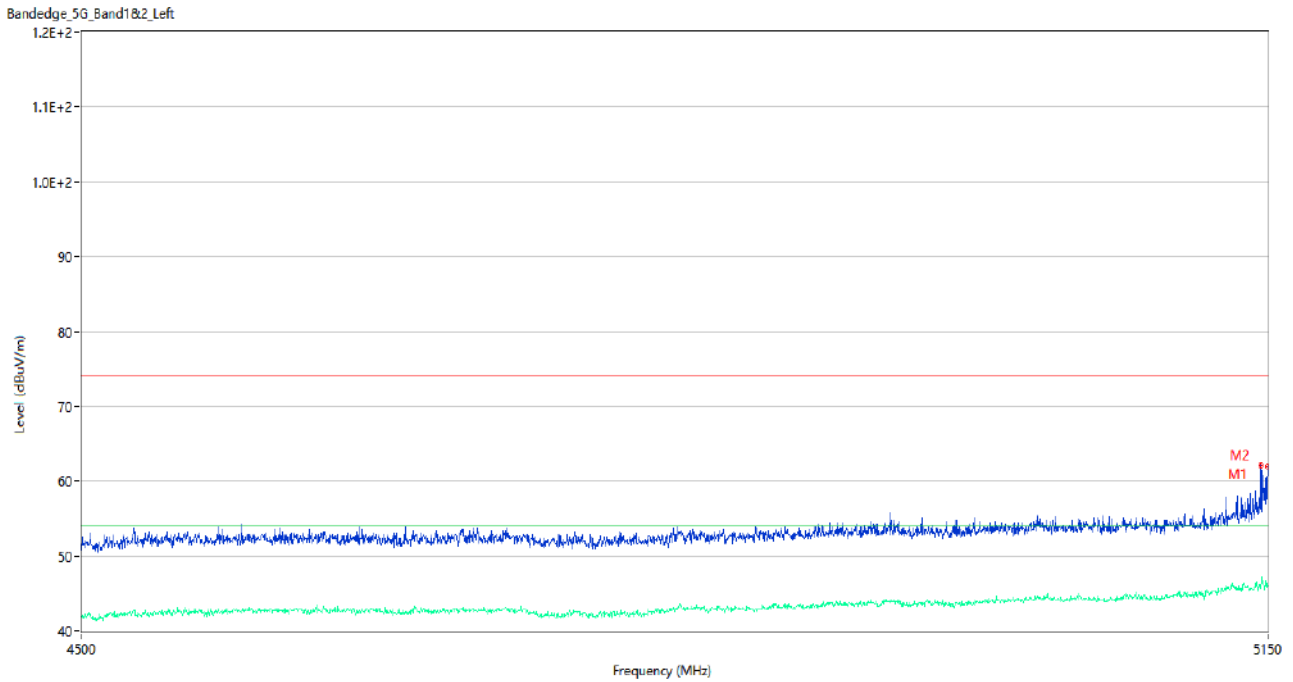
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	60.52	2.77	74.0	13.48	Peak	128.00	100	Horizontal	Pass
1**	5148.375	45.86	2.77	54.0	8.14	AV	128.00	100	Horizontal	Pass
2	5150.000	58.82	2.86	74.0	15.18	Peak	67.00	100	Horizontal	Pass
2**	5150.000	46.65	2.86	54.0	7.35	AV	67.00	100	Horizontal	Pass

U-NII-1 11a High Channel



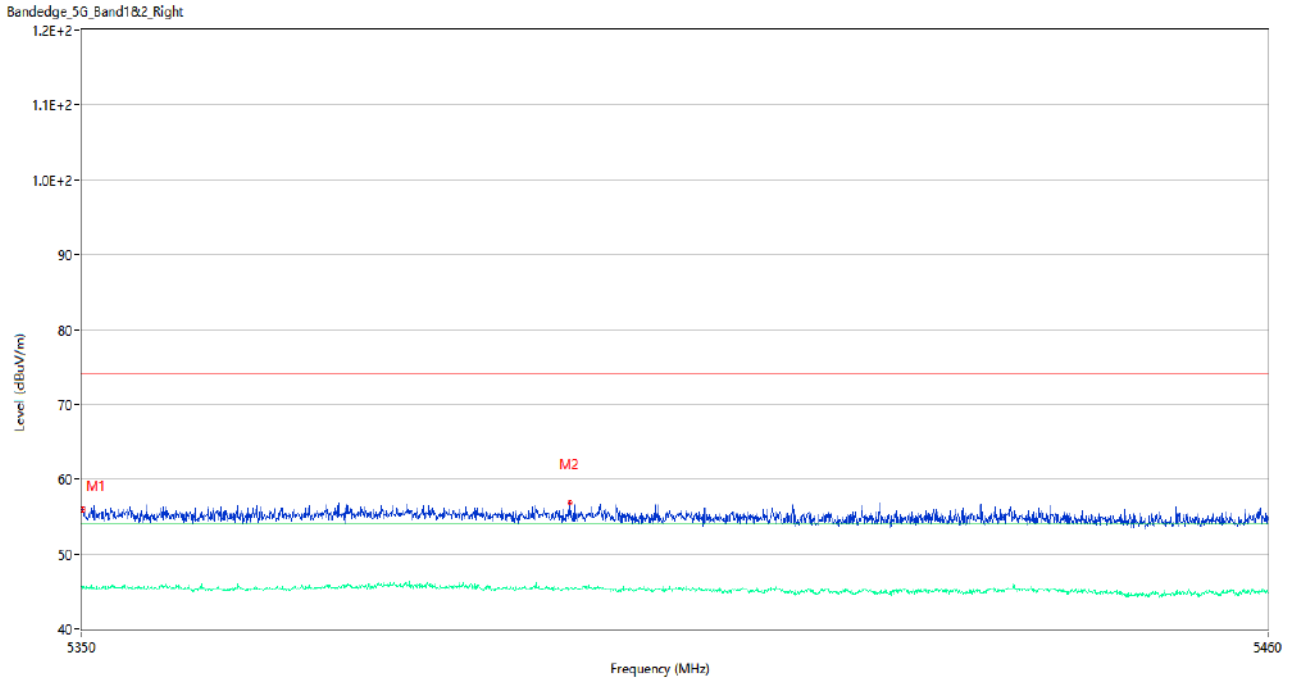
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.93	3.30	74.0	18.07	Peak	100.00	150	Horizontal	Pass
1**	5350.055	45.61	3.30	54.0	8.39	AV	100.00	150	Horizontal	Pass
2	5373.100	57.11	2.80	74.0	16.89	Peak	221.00	100	Horizontal	Pass
2**	5373.100	45.46	2.80	54.0	8.54	AV	221.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



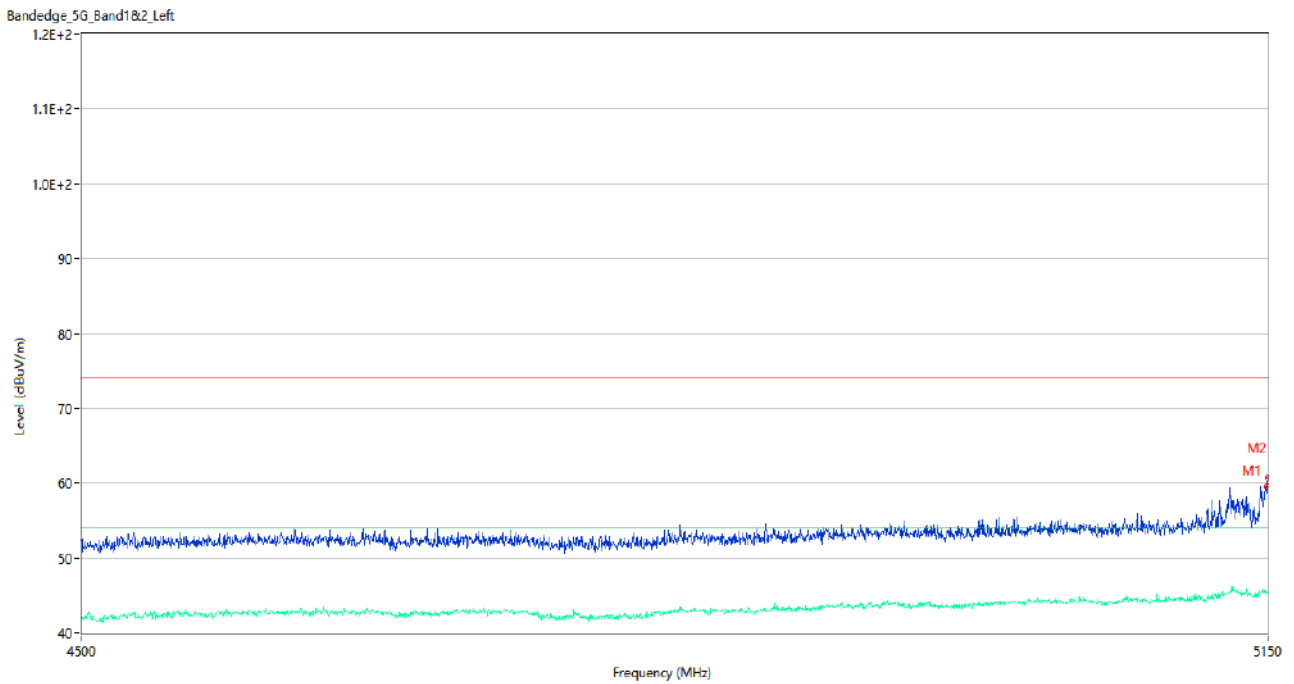
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	62.20	2.93	74.0	11.80	Peak	115.00	100	Horizontal	Pass
1**	5146.100	45.77	2.93	54.0	8.23	AV	115.00	100	Horizontal	Pass
2	5150.000	61.98	2.86	74.0	12.02	Peak	120.00	150	Horizontal	Pass
2**	5150.000	46.06	2.86	54.0	7.94	AV	120.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



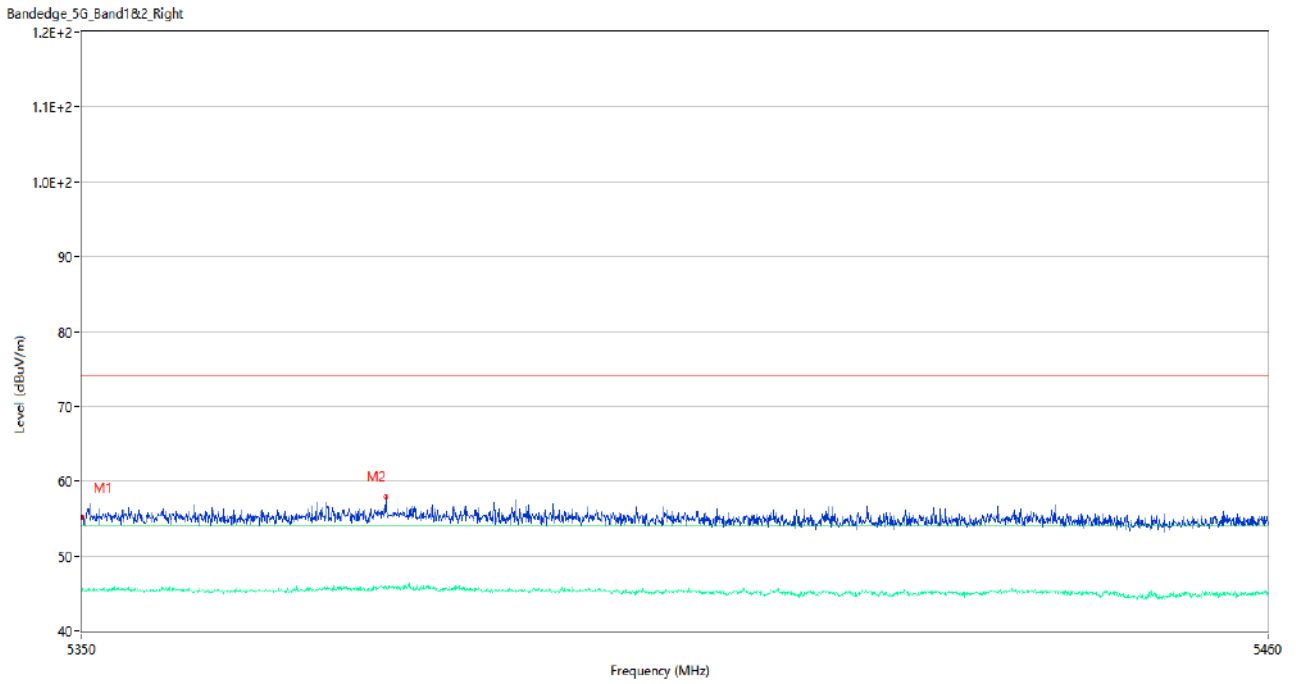
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.91	3.30	74.0	18.09	Peak	2.00	150	Horizontal	Pass
1**	5350.055	45.67	3.30	54.0	8.33	AV	2.00	150	Horizontal	Pass
2	5395.045	56.94	3.06	74.0	17.06	Peak	356.00	100	Horizontal	Pass
2**	5395.045	45.46	3.06	54.0	8.54	AV	356.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



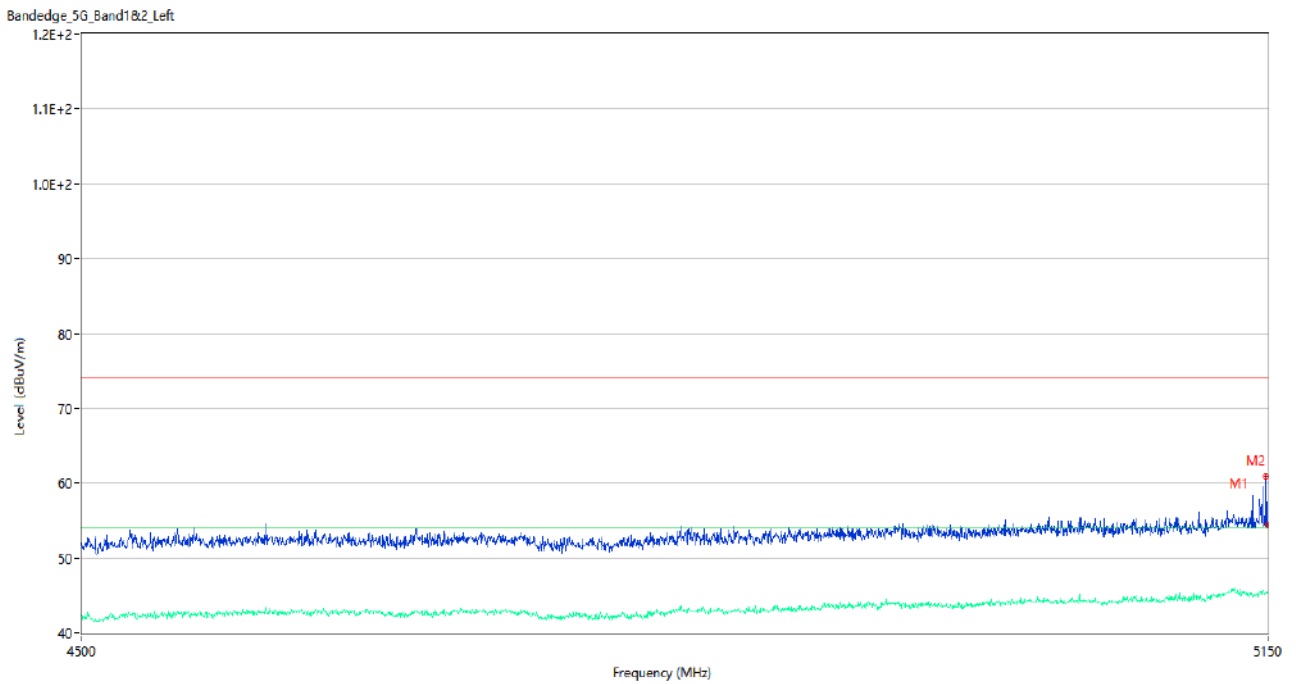
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	59.59	2.85	74.0	14.41	Peak	121.00	100	Horizontal	Pass
1**	5149.675	45.62	2.85	54.0	8.38	AV	121.00	100	Horizontal	Pass
2	5150.000	60.77	2.86	74.0	13.23	Peak	109.00	200	Horizontal	Pass
2**	5150.000	45.46	2.86	54.0	8.54	AV	109.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



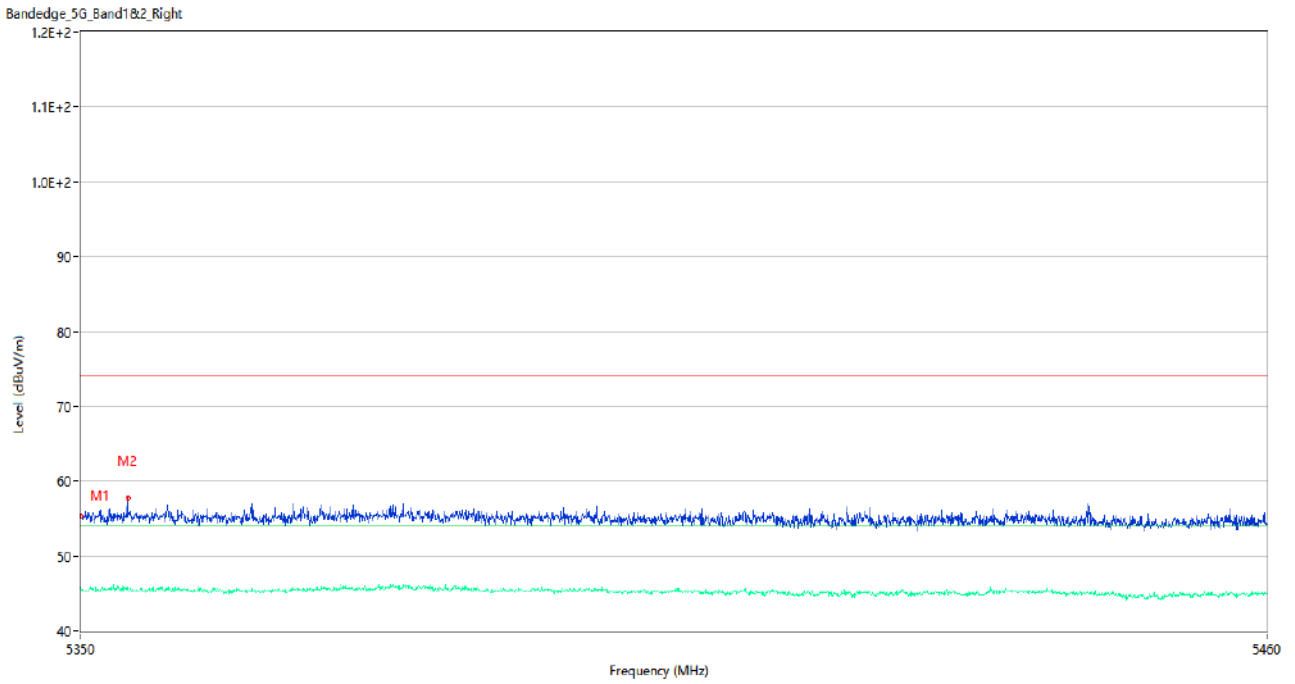
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.21	3.32	74.0	18.79	Peak	273.00	200	Horizontal	Pass
1**	5350.000	45.35	3.32	54.0	8.65	AV	273.00	200	Horizontal	Pass
2	5377.995	57.89	3.14	74.0	16.11	Peak	276.00	200	Horizontal	Pass
2**	5377.995	45.68	3.14	54.0	8.32	AV	276.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



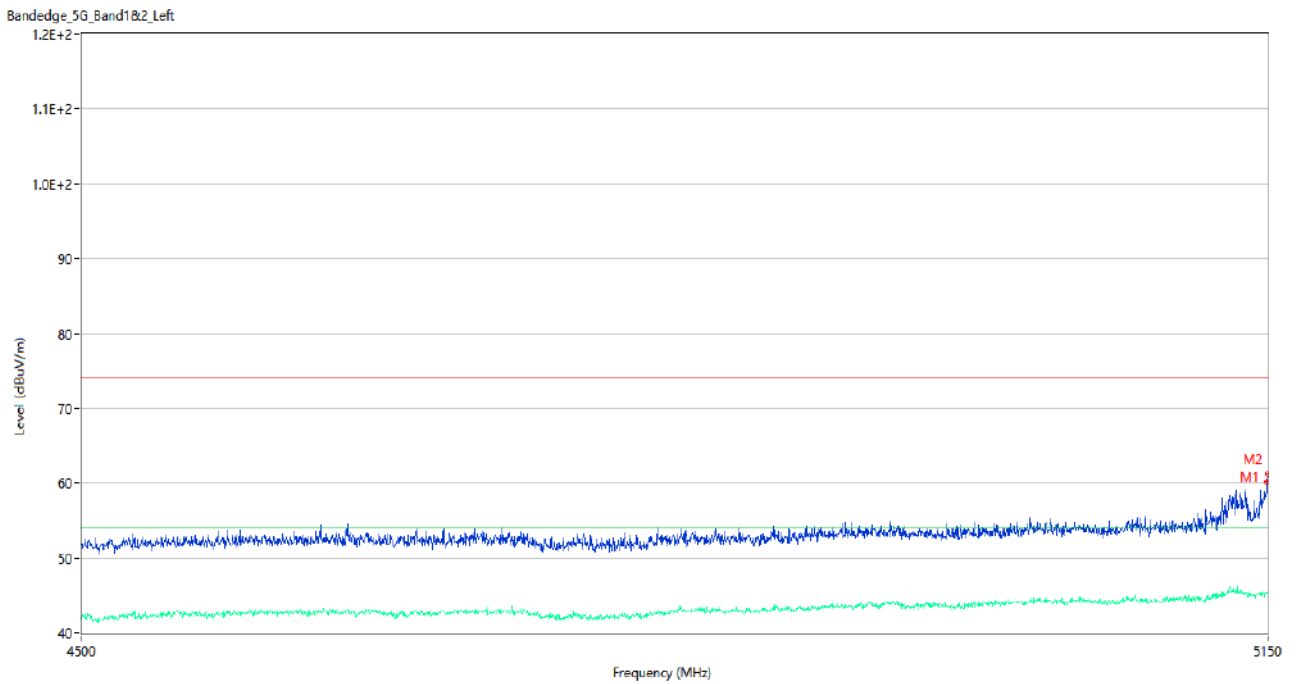
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	60.95	2.87	74.0	13.05	Peak	78.00	100	Horizontal	Pass
1**	5149.025	45.29	2.87	54.0	8.71	AV	78.00	100	Horizontal	Pass
2	5150.000	54.40	2.86	74.0	19.60	Peak	88.00	100	Horizontal	Pass
2**	5150.000	45.50	2.86	54.0	8.50	AV	88.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



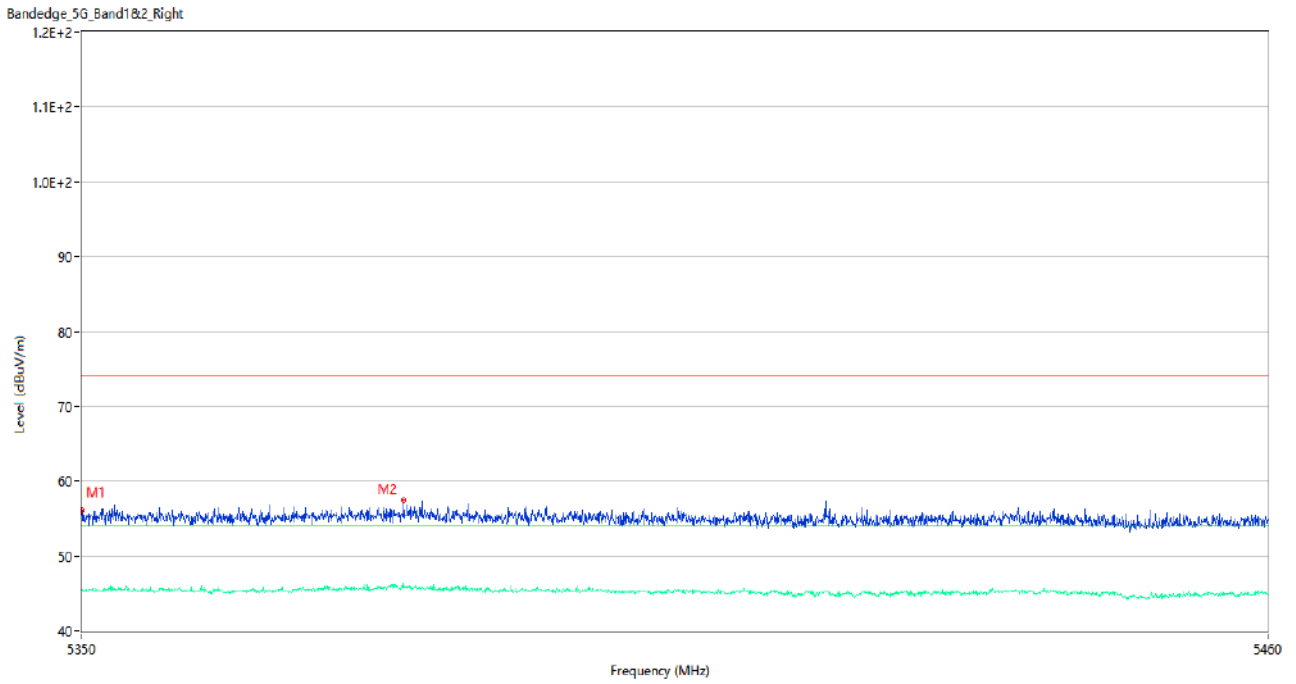
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.36	3.32	74.0	18.64	Peak	168.00	100	Horizontal	Pass
1**	5350.000	45.94	3.32	54.0	8.06	AV	168.00	100	Horizontal	Pass
2	5354.345	57.77	3.08	74.0	16.23	Peak	202.00	100	Horizontal	Pass
2**	5354.345	45.84	3.08	54.0	8.16	AV	202.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



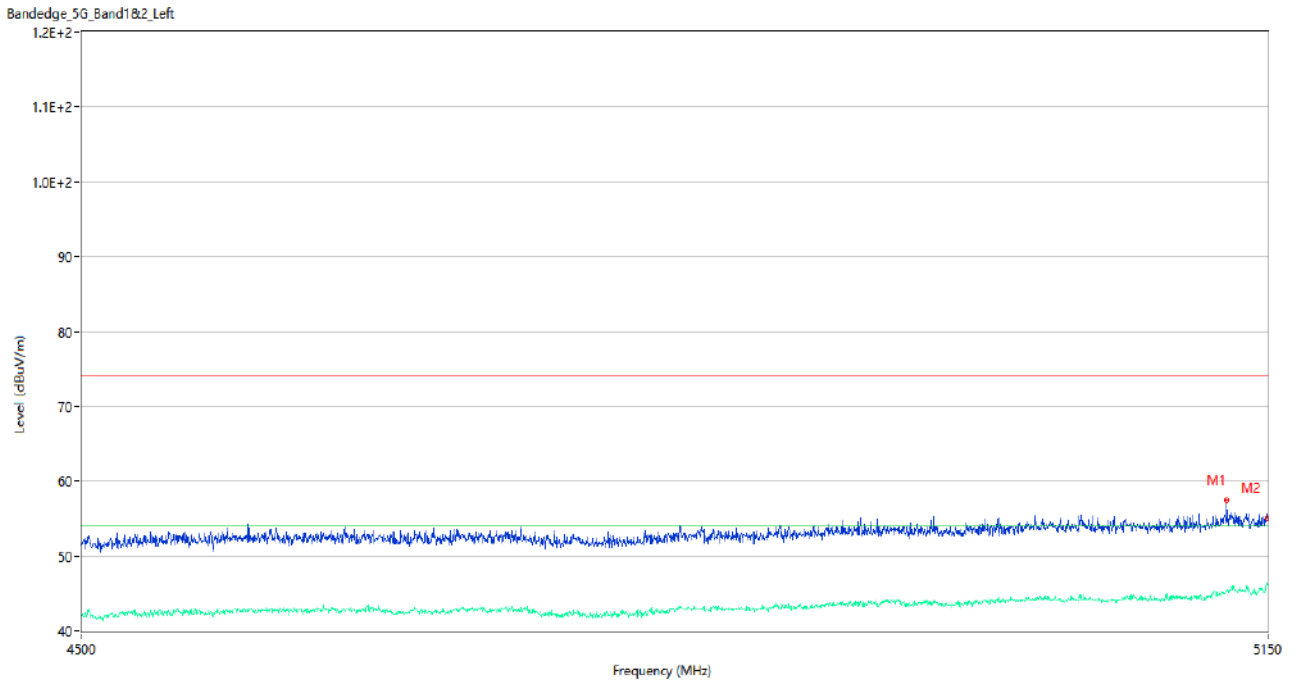
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.13	2.85	74.0	13.87	Peak	111.00	150	Horizontal	Pass
1**	5149.675	45.30	2.85	54.0	8.70	AV	111.00	150	Horizontal	Pass
2	5150.000	61.28	2.86	74.0	12.72	Peak	106.00	200	Horizontal	Pass
2**	5150.000	45.65	2.86	54.0	8.35	AV	106.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



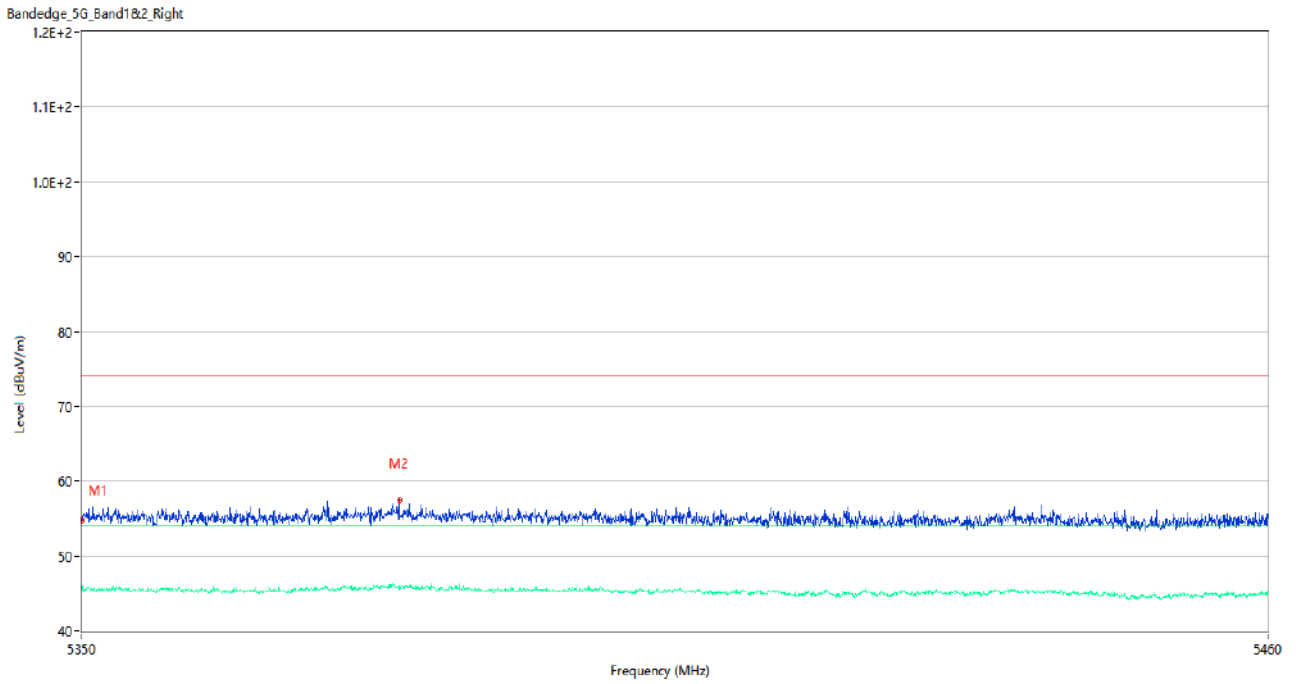
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.09	3.32	74.0	17.91	Peak	160.00	200	Horizontal	Pass
1**	5350.000	45.64	3.32	54.0	8.36	AV	160.00	200	Horizontal	Pass
2	5379.645	57.50	3.17	74.0	16.50	Peak	193.00	150	Horizontal	Pass
2**	5379.645	46.40	3.17	54.0	7.60	AV	193.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



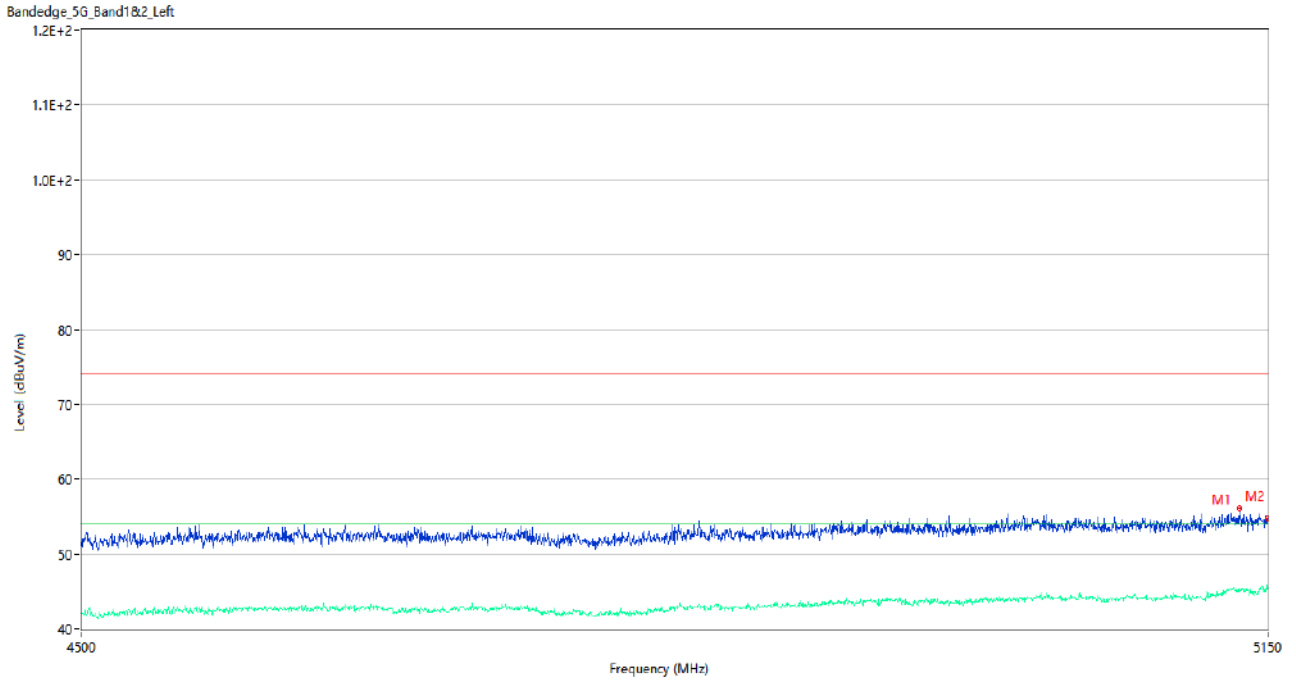
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.950	57.52	3.15	74.0	16.48	Peak	126.00	150	Horizontal	Pass
1**	5125.950	45.41	3.15	54.0	8.59	AV	126.00	150	Horizontal	Pass
2	5150.000	55.01	2.86	74.0	18.99	Peak	119.00	100	Horizontal	Pass
2**	5150.000	46.18	2.86	54.0	7.82	AV	119.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



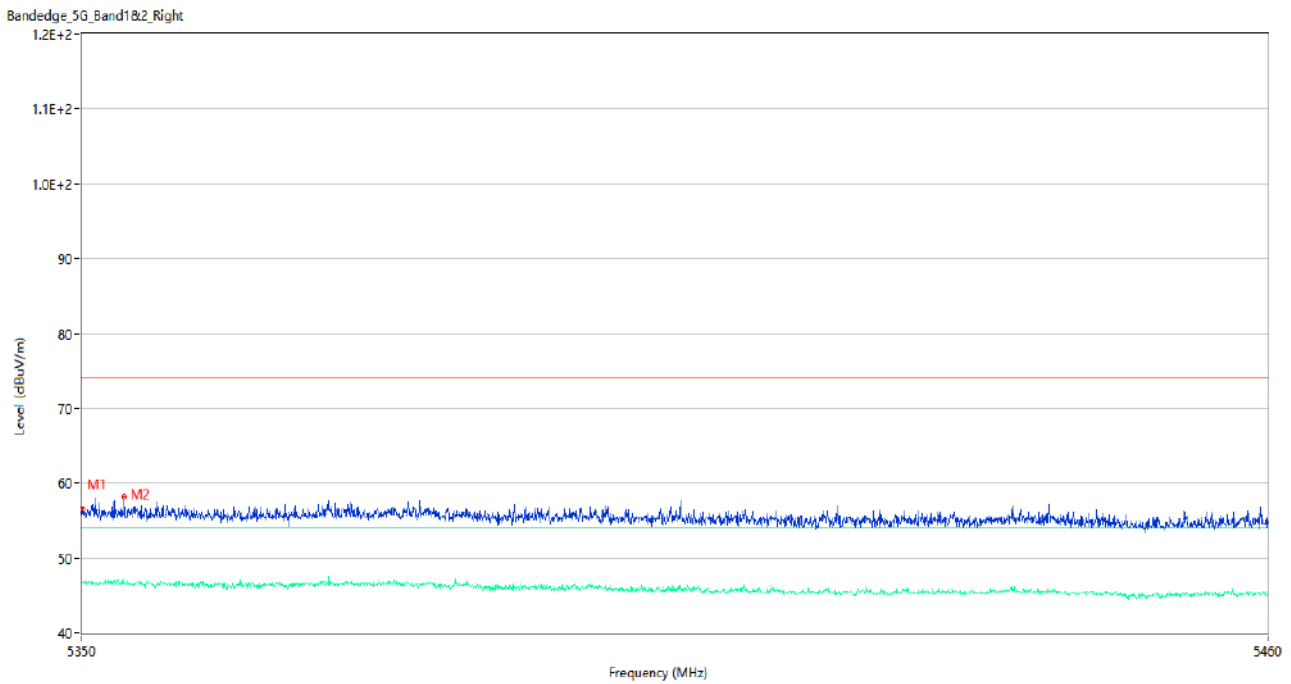
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.81	3.32	74.0	19.19	Peak	187.00	150	Horizontal	Pass
1**	5350.000	45.67	3.32	54.0	8.33	AV	187.00	150	Horizontal	Pass
2	5379.205	57.47	3.05	74.0	16.53	Peak	297.00	200	Horizontal	Pass
2**	5379.205	45.55	3.05	54.0	8.45	AV	297.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



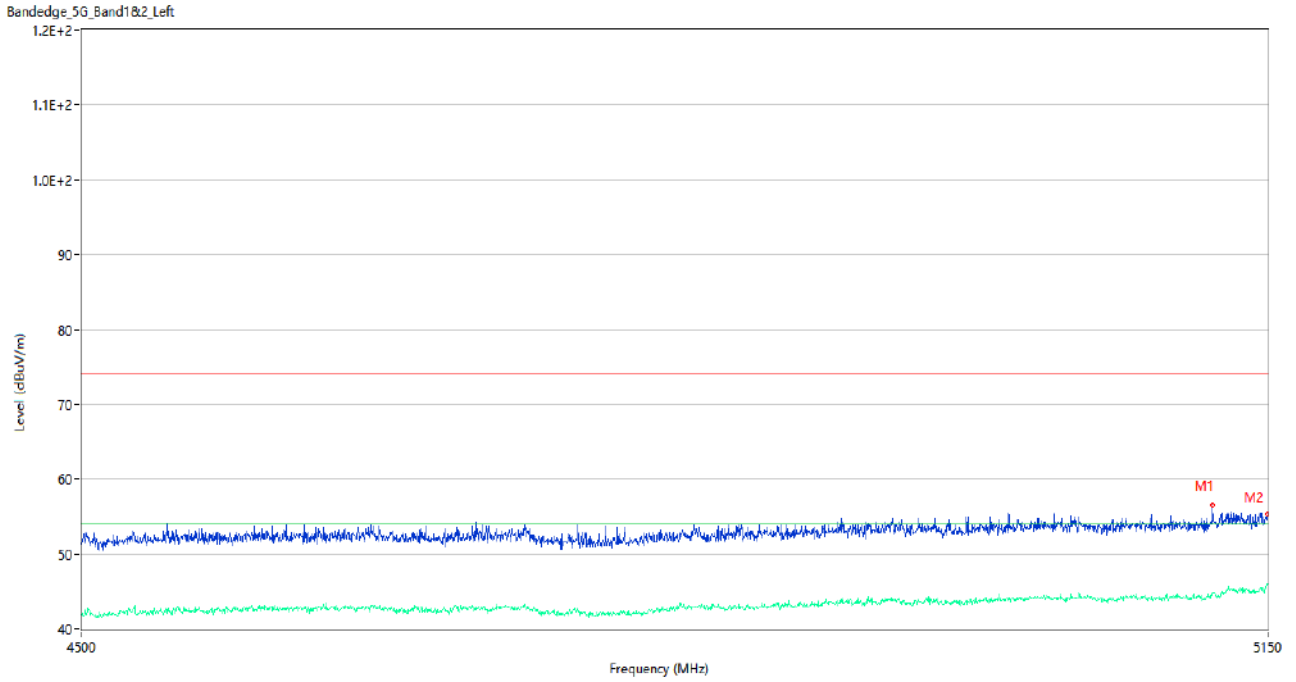
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.425	56.10	3.02	74.0	17.90	Peak	120.00	200	Horizontal	Pass
1**	5133.425	45.13	3.02	54.0	8.87	AV	120.00	200	Horizontal	Pass
2	5150.000	54.79	2.86	74.0	19.21	Peak	62.00	200	Horizontal	Pass
2**	5150.000	45.39	2.86	54.0	8.61	AV	62.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



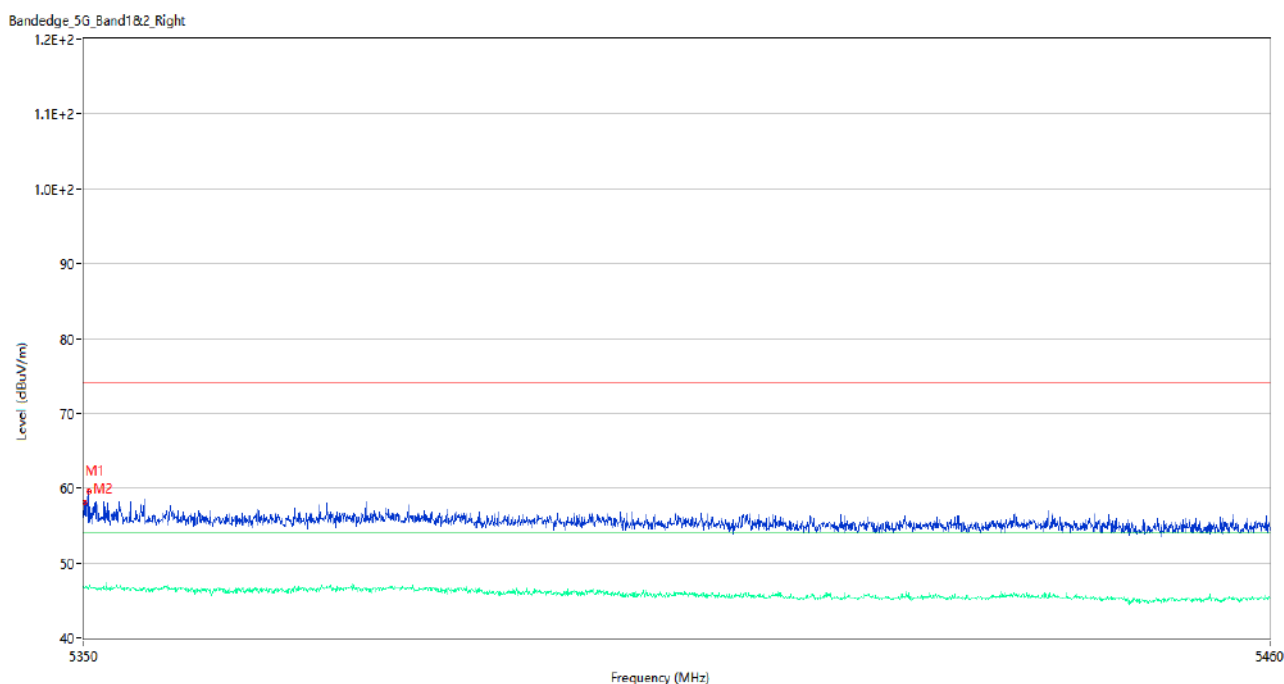
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.62	3.30	74.0	17.38	Peak	136.00	150	Horizontal	Pass
1**	5350.055	46.81	3.30	54.0	7.19	AV	136.00	150	Horizontal	Pass
2	5353.905	58.24	3.08	74.0	15.76	Peak	148.00	150	Horizontal	Pass
2**	5353.905	46.41	3.08	54.0	7.59	AV	148.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



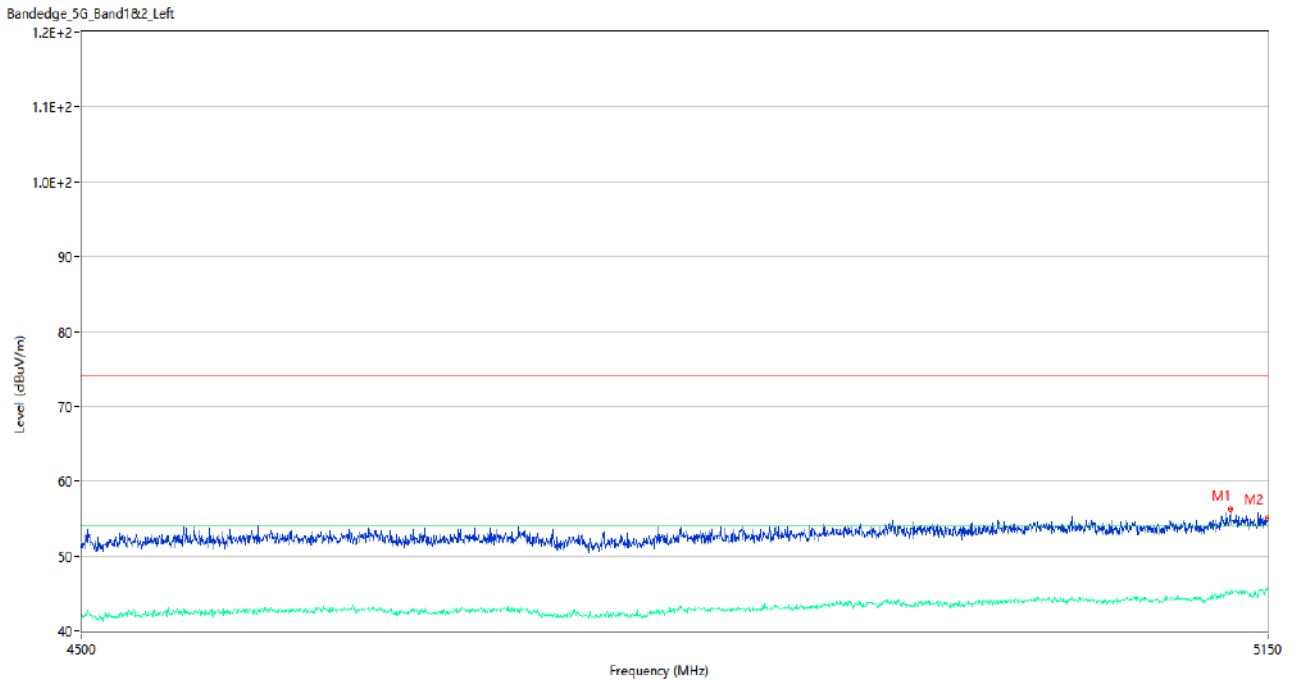
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5117.825	56.53	2.71	74.0	17.47	Peak	62.00	200	Horizontal	Pass
1**	5117.825	44.58	2.71	54.0	9.42	AV	62.00	200	Horizontal	Pass
2	5150.000	55.36	2.86	74.0	18.64	Peak	47.00	150	Horizontal	Pass
2**	5150.000	46.02	2.86	54.0	7.98	AV	47.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



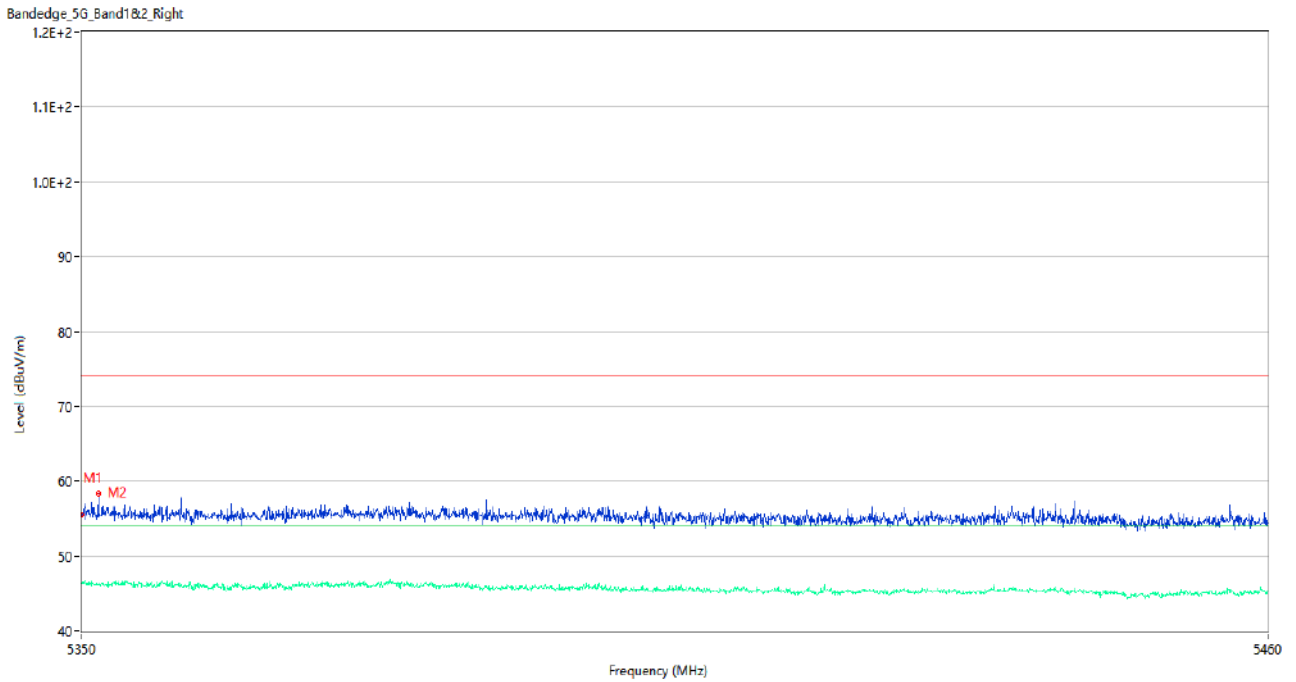
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.08	3.30	74.0	15.92	Peak	126.00	200	Horizontal	Pass
1**	5350.055	46.66	3.30	54.0	7.34	AV	126.00	200	Horizontal	Pass
2	5350.495	59.61	3.14	74.0	14.39	Peak	135.00	150	Horizontal	Pass
2**	5350.495	46.51	3.14	54.0	7.49	AV	135.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



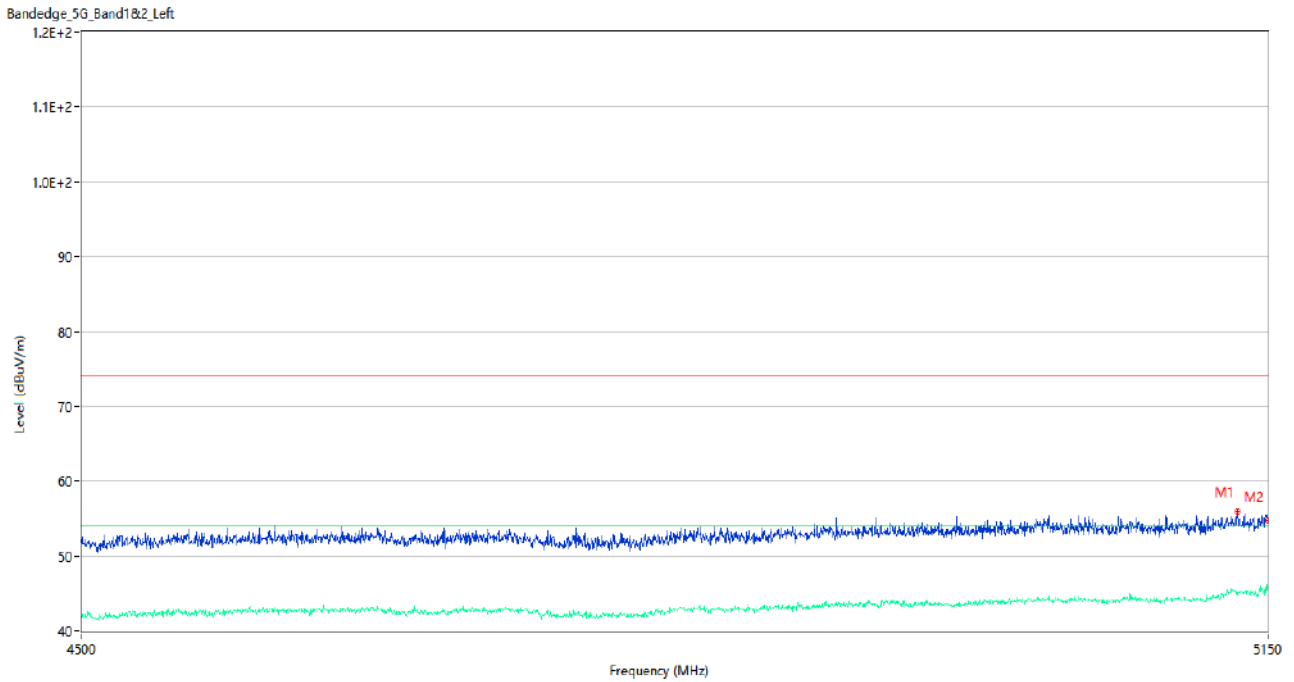
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.900	56.30	3.40	74.0	17.70	Peak	119.00	100	Horizontal	Pass
1**	5127.900	45.21	3.40	54.0	8.79	AV	119.00	100	Horizontal	Pass
2	5150.000	55.03	2.86	74.0	18.97	Peak	43.00	150	Horizontal	Pass
2**	5150.000	45.91	2.86	54.0	8.09	AV	43.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



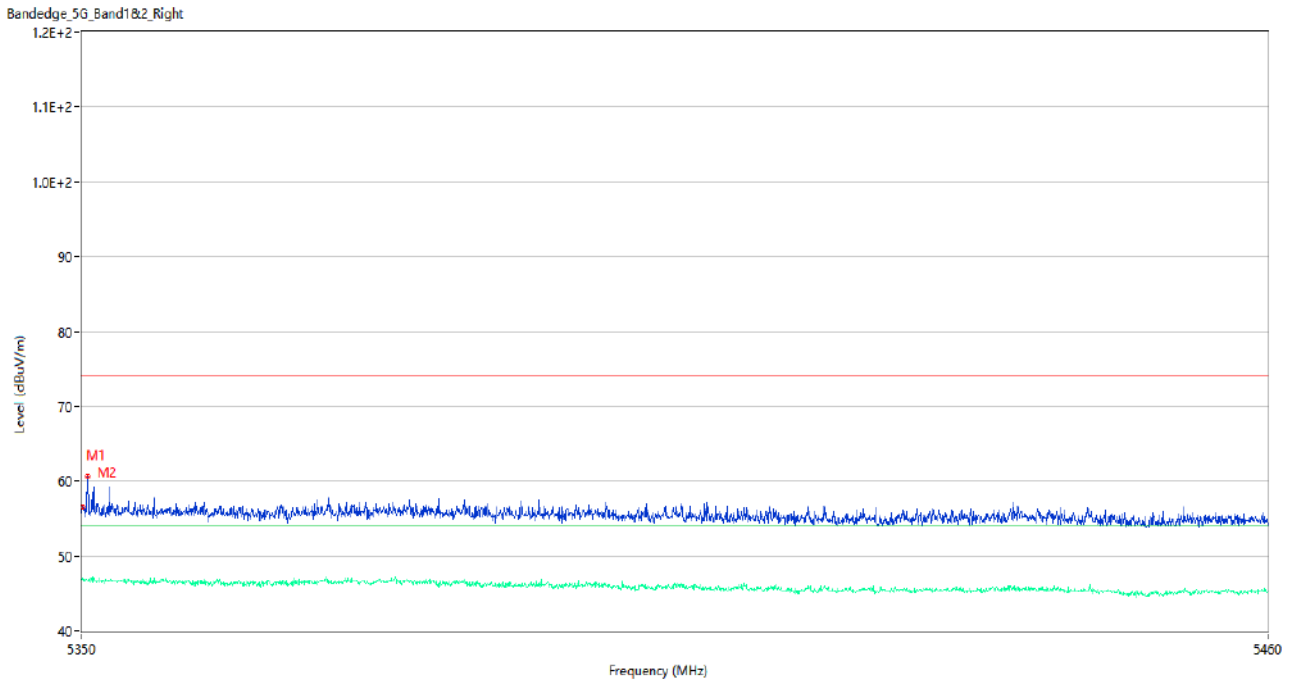
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.47	3.32	74.0	18.53	Peak	41.00	100	Horizontal	Pass
1**	5350.000	46.32	3.32	54.0	7.68	AV	41.00	100	Horizontal	Pass
2	5351.540	58.37	3.07	74.0	15.63	Peak	75.00	200	Horizontal	Pass
2**	5351.540	46.12	3.07	54.0	7.88	AV	75.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



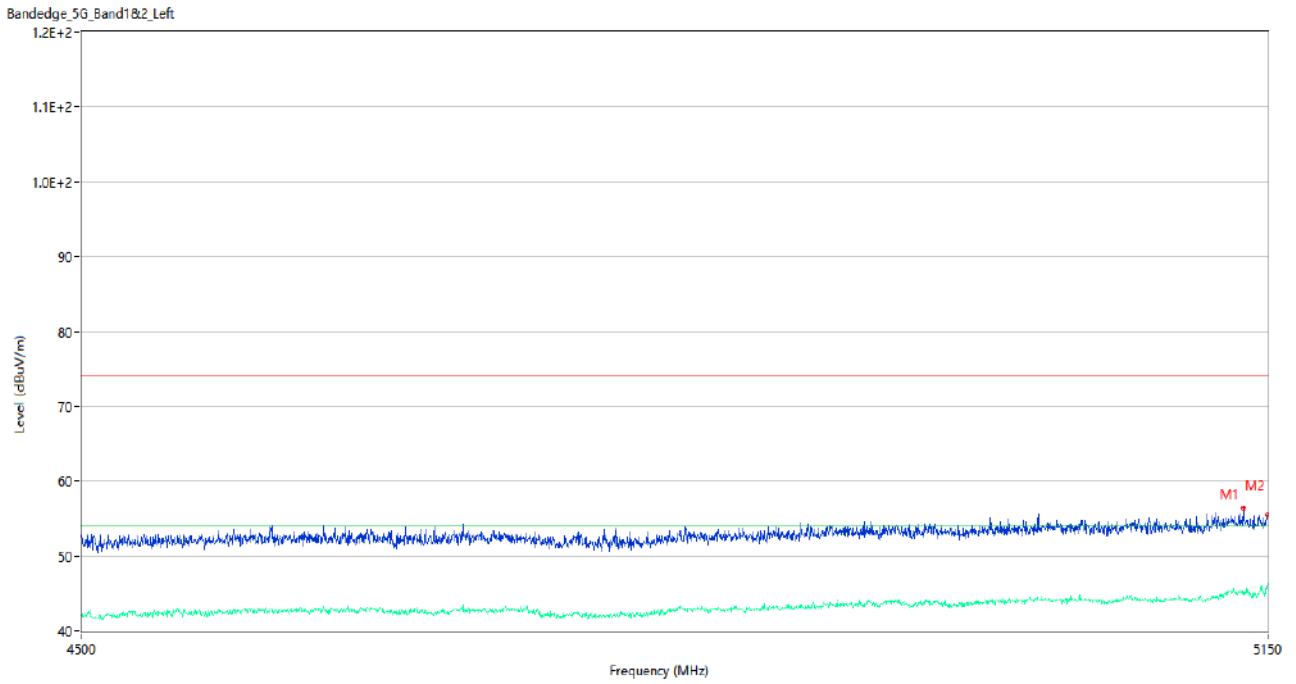
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.125	55.95	3.09	74.0	18.05	Peak	297.00	200	Horizontal	Pass
1**	5132.125	44.80	3.09	54.0	9.20	AV	297.00	200	Horizontal	Pass
2	5150.000	54.73	2.86	74.0	19.27	Peak	98.00	150	Horizontal	Pass
2**	5150.000	45.81	2.86	54.0	8.19	AV	98.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



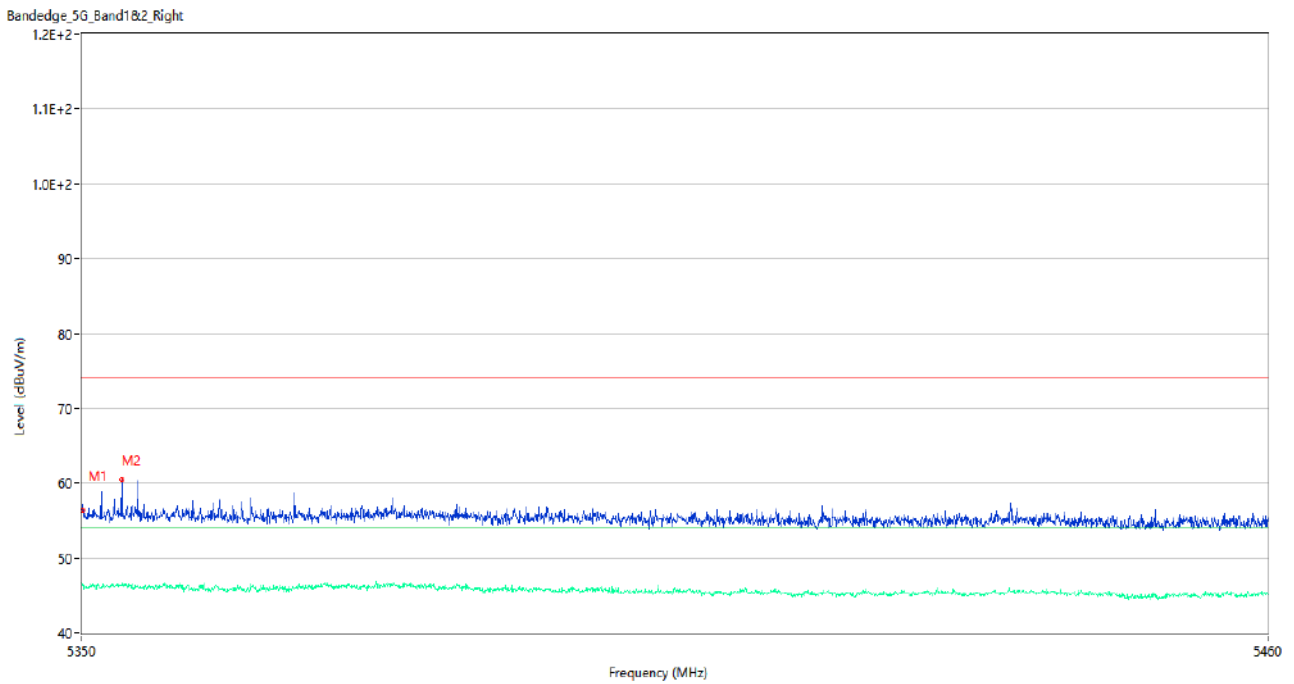
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.52	3.30	74.0	17.48	Peak	113.00	100	Horizontal	Pass
1**	5350.055	47.12	3.30	54.0	6.88	AV	113.00	100	Horizontal	Pass
2	5350.550	60.67	3.16	74.0	13.33	Peak	129.00	150	Horizontal	Pass
2**	5350.550	46.85	3.16	54.0	7.15	AV	129.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



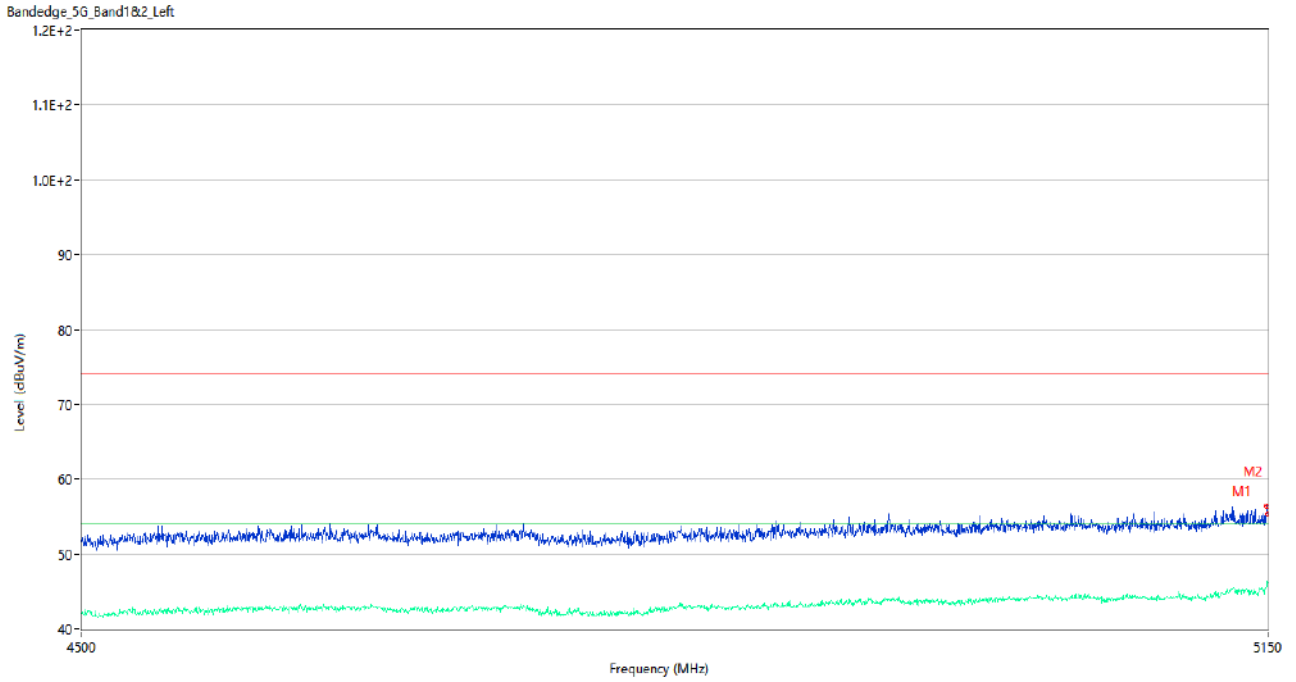
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5135.700	56.47	3.10	74.0	17.53	Peak	125.00	200	Horizontal	Pass
1**	5135.700	44.75	3.10	54.0	9.25	AV	125.00	200	Horizontal	Pass
2	5150.000	55.52	2.86	74.0	18.48	Peak	101.00	100	Horizontal	Pass
2**	5150.000	46.38	2.86	54.0	7.62	AV	101.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



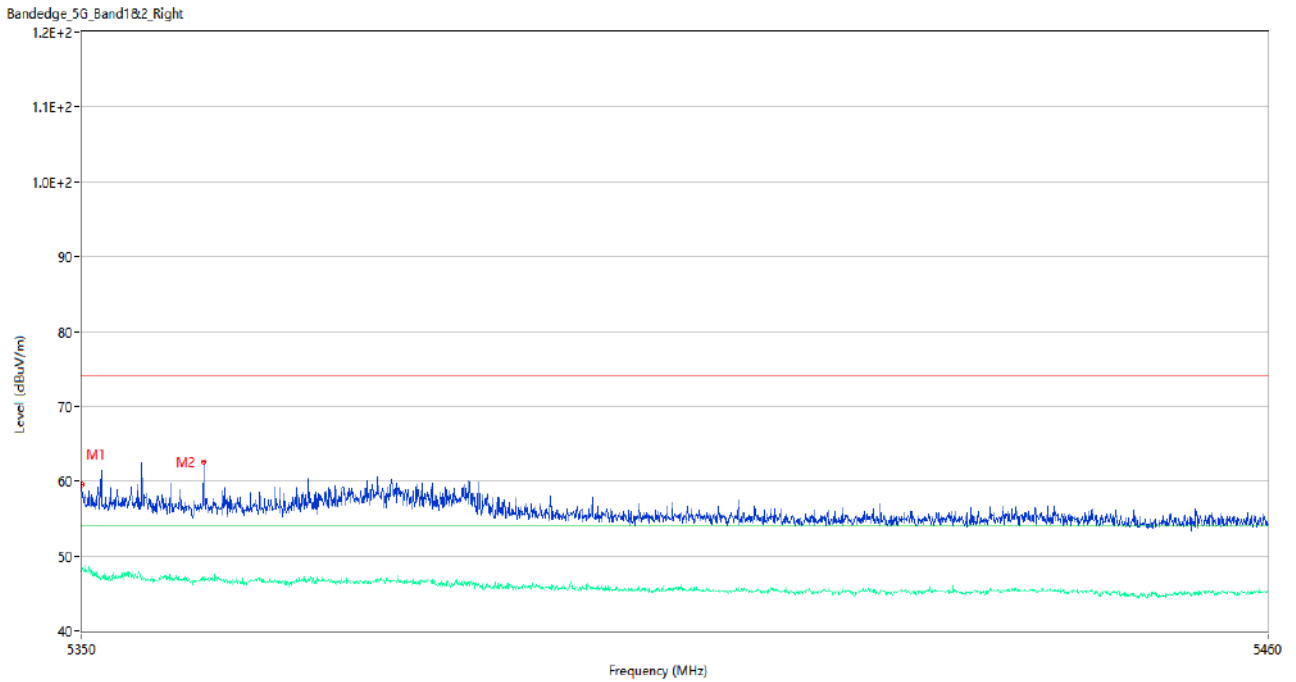
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.42	3.30	74.0	17.58	Peak	30.00	100	Horizontal	Pass
1**	5350.055	46.42	3.30	54.0	7.58	AV	30.00	100	Horizontal	Pass
2	5353.685	60.49	3.10	74.0	13.51	Peak	90.00	150	Horizontal	Pass
2**	5353.685	46.38	3.10	54.0	7.62	AV	90.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



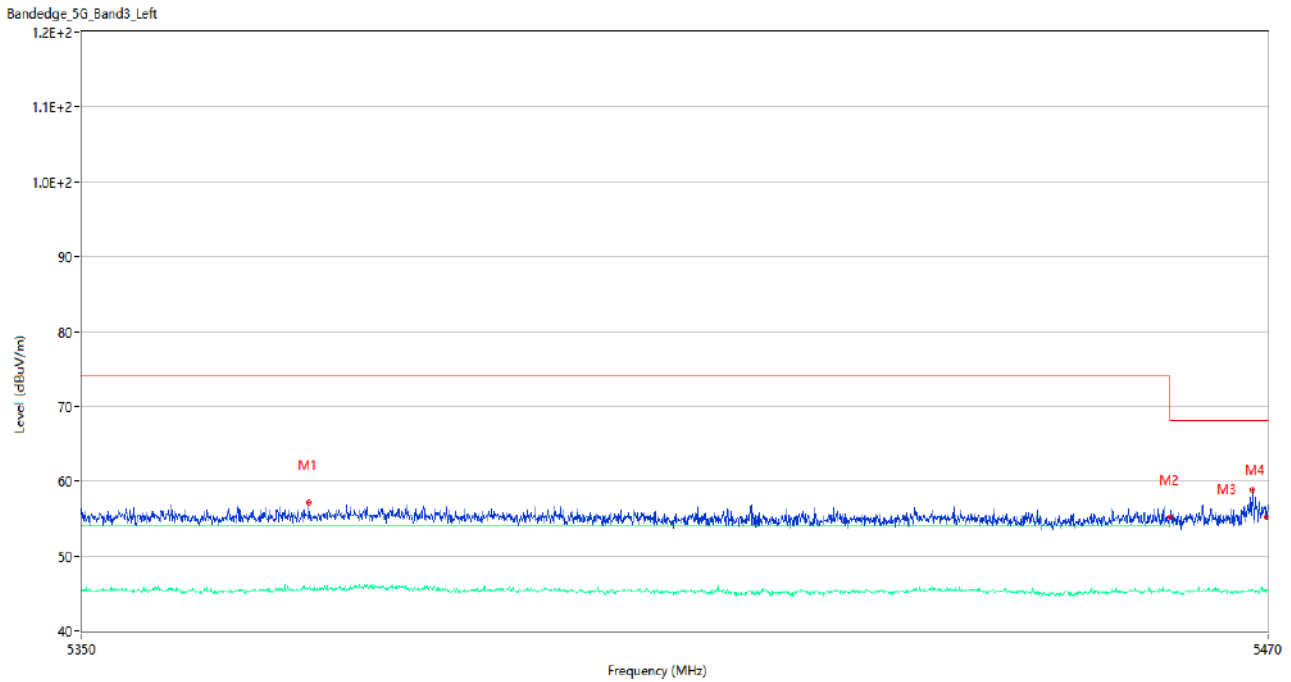
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	56.40	2.85	74.0	17.60	Peak	106.00	100	Horizontal	Pass
1**	5149.350	45.67	2.85	54.0	8.33	AV	106.00	100	Horizontal	Pass
2	5150.000	55.34	2.86	74.0	18.66	Peak	120.00	200	Horizontal	Pass
2**	5150.000	46.11	2.86	54.0	7.89	AV	120.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



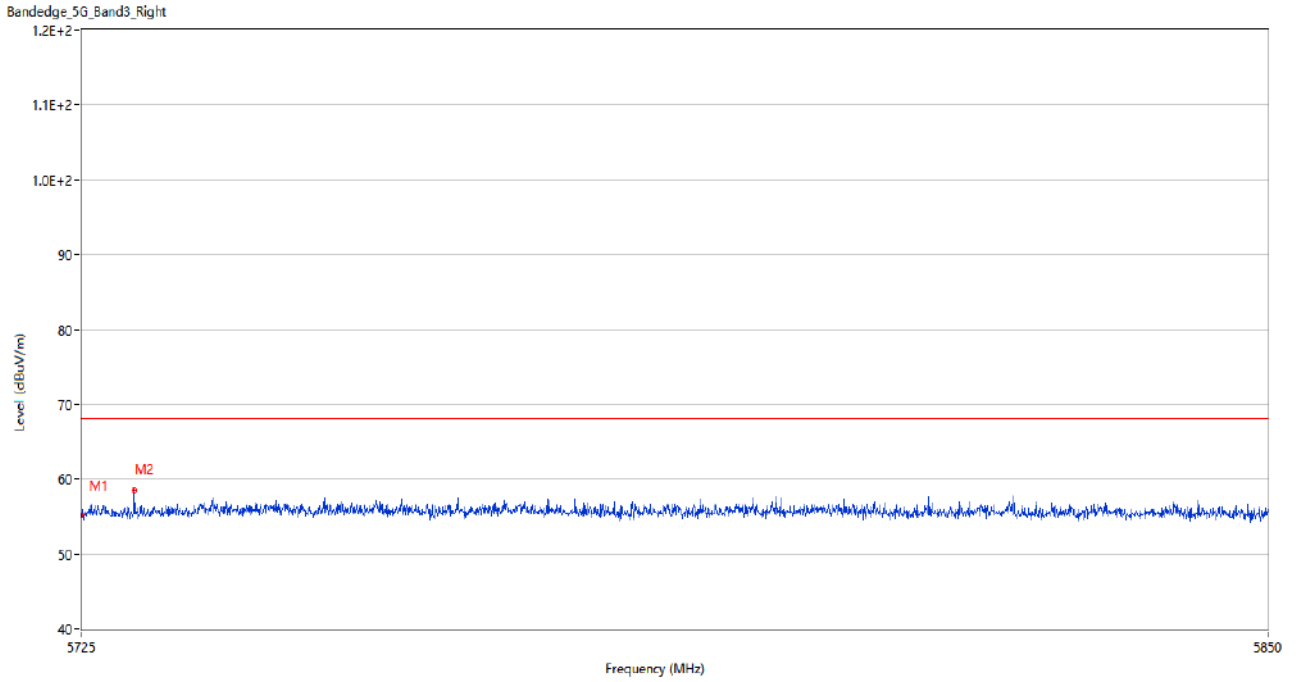
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.62	3.32	74.0	14.38	Peak	0.00	150	Horizontal	Pass
1**	5350.000	47.96	3.32	54.0	6.04	AV	0.00	150	Horizontal	Pass
2	5361.220	62.61	2.78	74.0	11.39	Peak	129.00	200	Horizontal	Pass
2**	5361.220	46.69	2.78	54.0	7.31	AV	129.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel



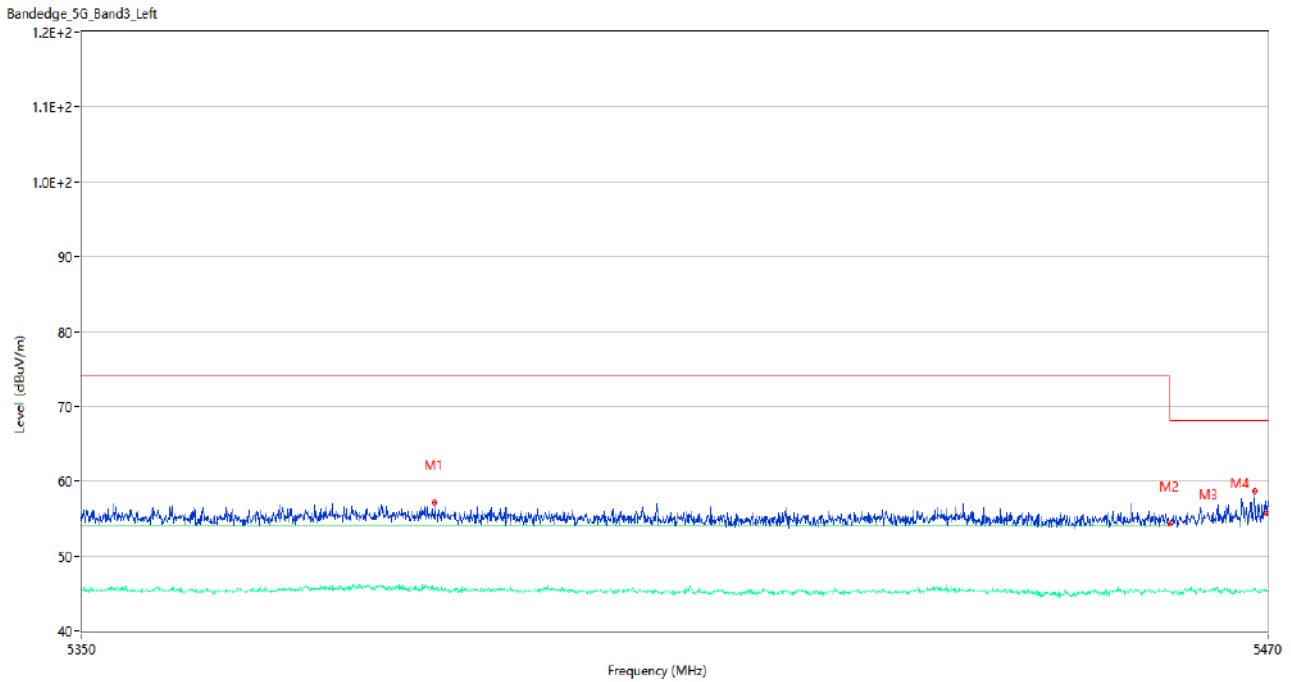
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5372.800	57.16	2.89	74.0	16.84	Peak	270.00	200	Horizontal	Pass
1**	5372.800	45.78	2.89	54.0	8.22	AV	270.00	200	Horizontal	Pass
2	5459.980	55.22	3.49	74.0	18.78	Peak	183.00	150	Horizontal	Pass
2**	5459.980	45.47	3.49	54.0	8.53	AV	183.00	150	Horizontal	Pass
3	5468.440	58.86	3.32	68.2	9.34	Peak	130.00	200	Horizontal	Pass
3**	5468.440	45.43	3.32	--	--	AV	130.00	200	Horizontal	N/A
4	5469.940	55.18	3.29	68.2	13.02	Peak	91.00	150	Horizontal	Pass
4**	5469.940	45.45	3.29	--	--	AV	91.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



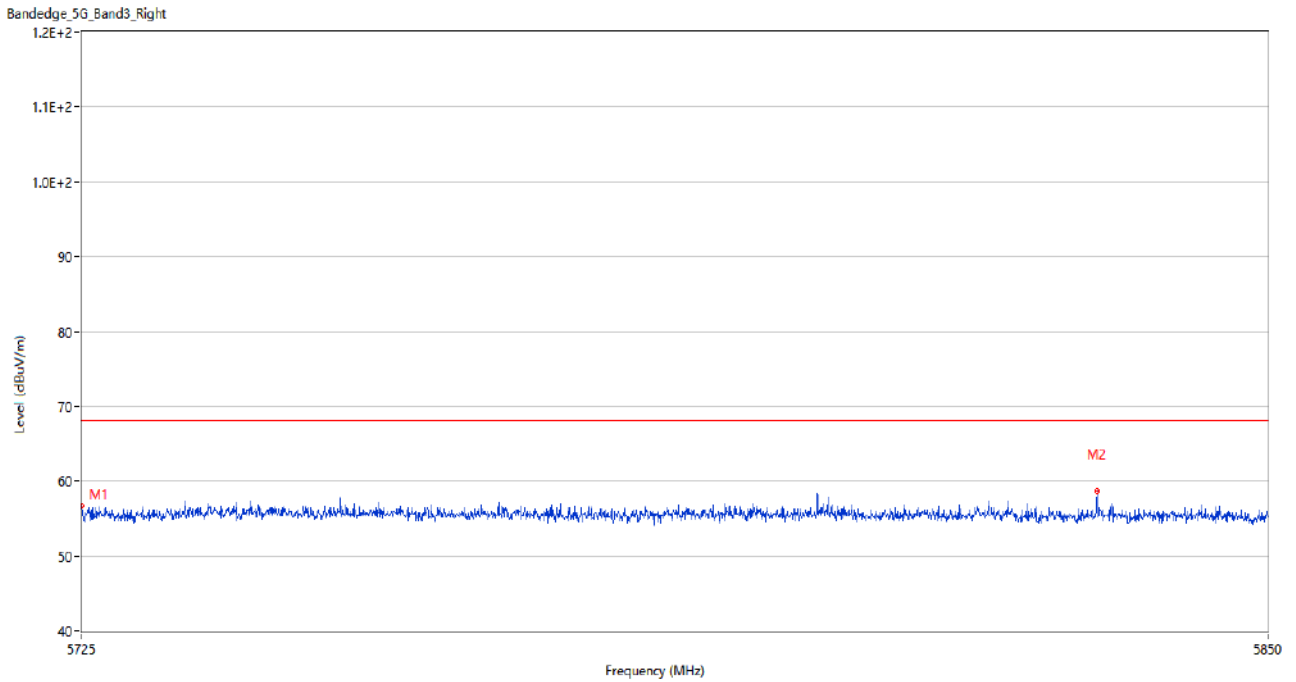
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.17	3.51	68.2	13.03	Peak	87.00	100	Horizontal	Pass
2	5730.500	58.59	3.58	68.2	9.61	Peak	0.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



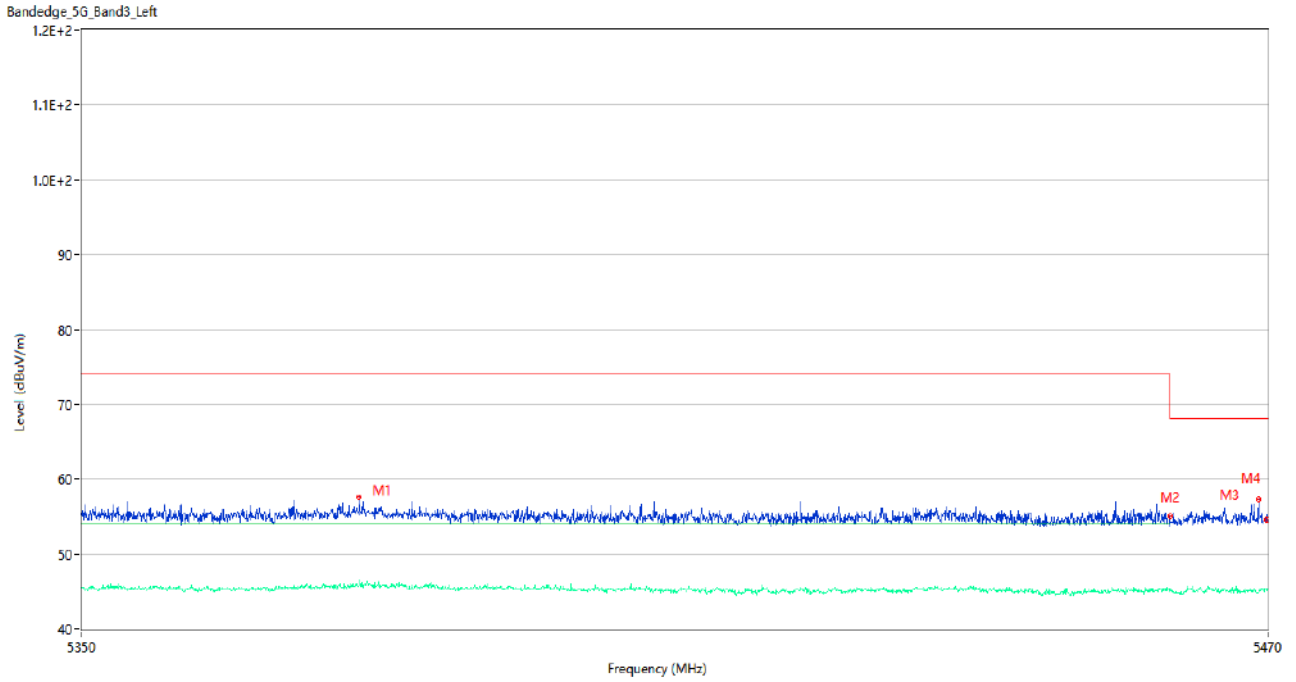
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5385.460	57.10	3.06	74.0	16.90	Peak	360.00	100	Horizontal	Pass
1**	5385.460	45.63	3.06	54.0	8.37	AV	360.00	100	Horizontal	Pass
2	5459.980	54.34	3.49	74.0	19.66	Peak	174.00	100	Horizontal	Pass
2**	5459.980	45.36	3.49	54.0	8.64	AV	174.00	100	Horizontal	Pass
3	5468.680	58.70	3.26	68.2	9.50	Peak	80.00	100	Horizontal	Pass
3**	5468.680	45.36	3.26	--	--	AV	80.00	100	Horizontal	N/A
4	5469.940	55.62	3.29	68.2	12.58	Peak	150.00	150	Horizontal	Pass
4**	5469.940	45.22	3.29	--	--	AV	150.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



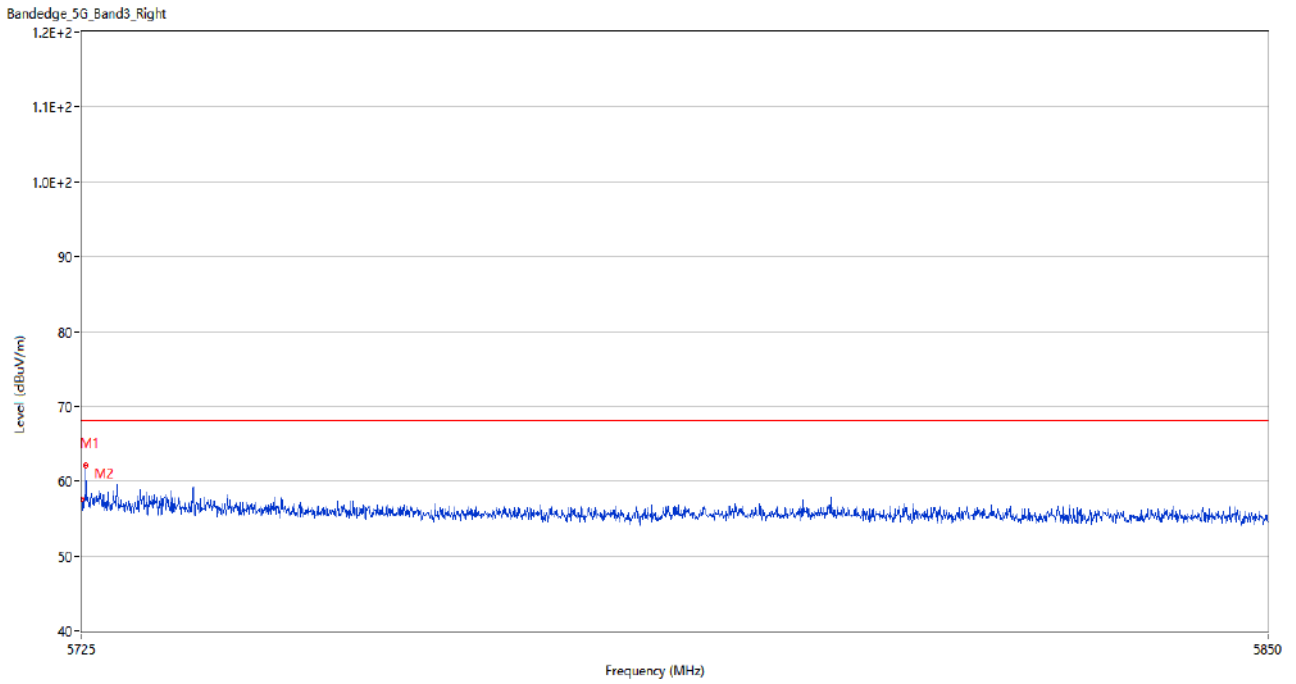
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.80	3.51	68.2	11.40	Peak	119.00	200	Horizontal	Pass
2	5831.875	58.67	3.70	68.2	9.53	Peak	201.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



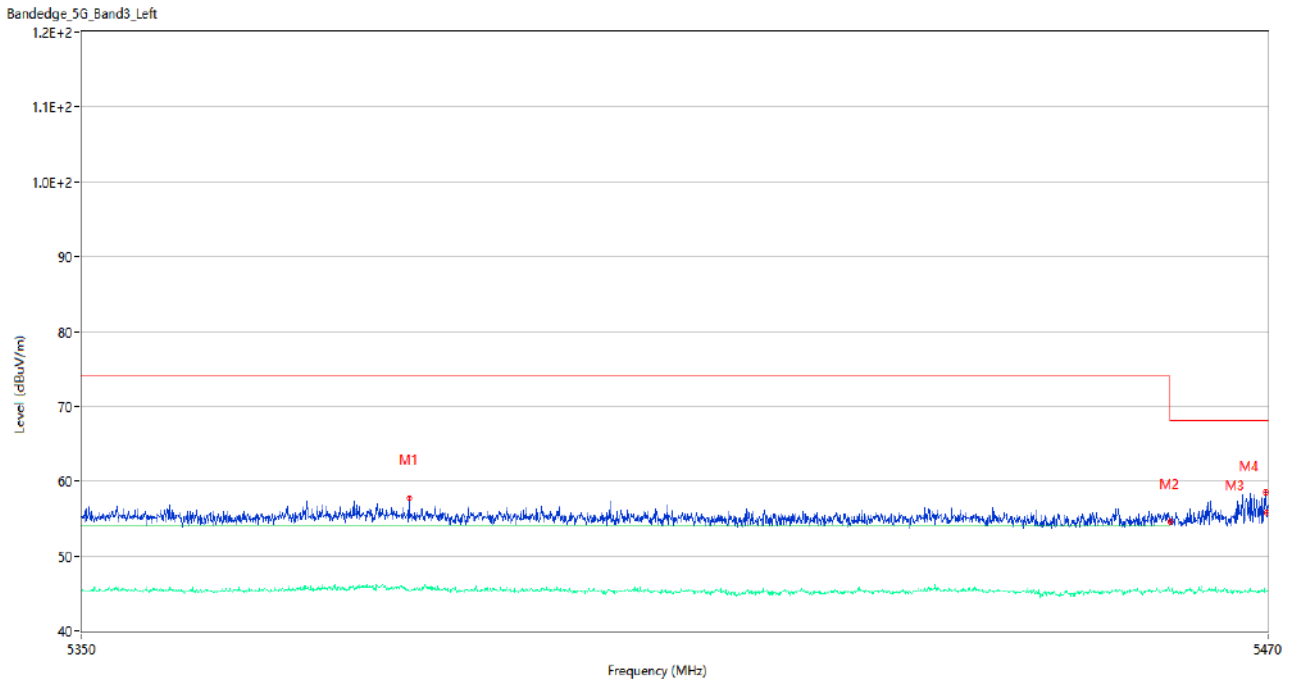
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5377.840	57.62	3.13	74.0	16.38	Peak	50.00	200	Horizontal	Pass
1**	5377.840	45.86	3.13	54.0	8.14	AV	50.00	200	Horizontal	Pass
2	5459.980	55.06	3.49	74.0	18.94	Peak	115.00	150	Horizontal	Pass
2**	5459.980	45.47	3.49	54.0	8.53	AV	115.00	150	Horizontal	Pass
3	5469.040	57.28	3.12	68.2	10.92	Peak	150.00	150	Horizontal	Pass
3**	5469.040	45.01	3.12	--	--	AV	150.00	150	Horizontal	N/A
4	5469.940	54.65	3.29	68.2	13.55	Peak	23.00	200	Horizontal	Pass
4**	5469.940	45.40	3.29	--	--	AV	23.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



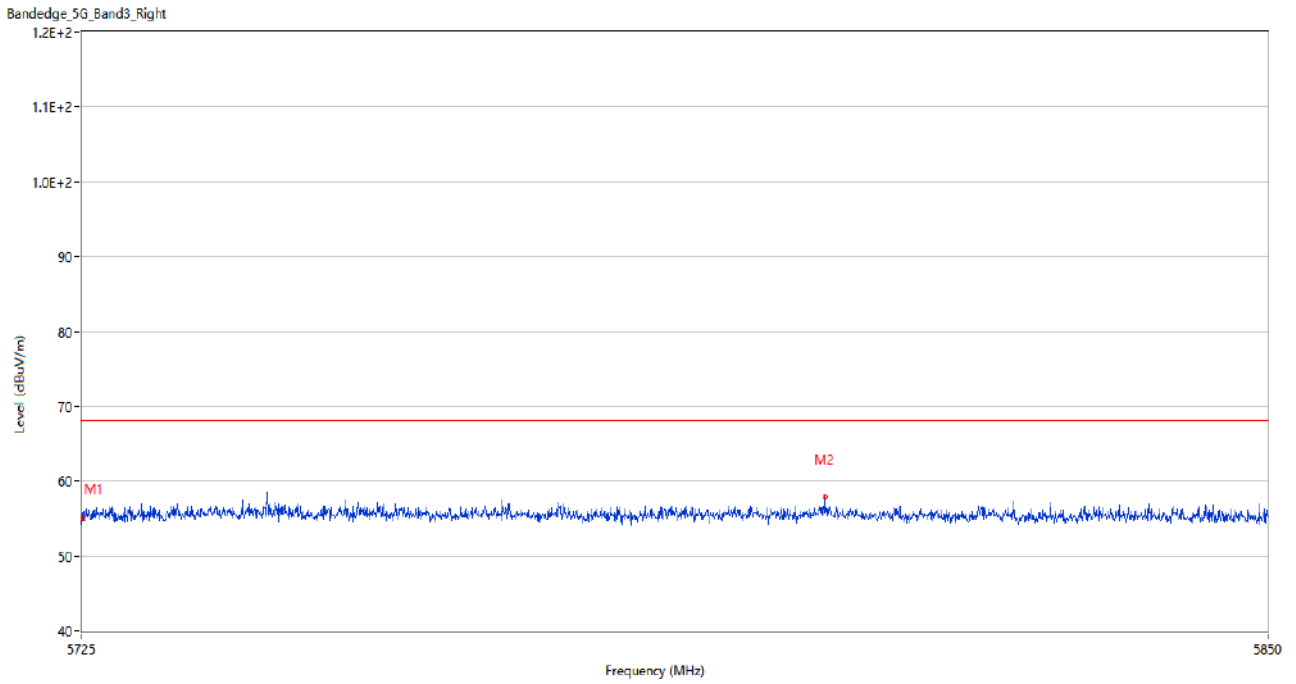
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.65	3.51	68.2	10.55	Peak	109.00	100	Horizontal	Pass
2	5725.437	62.10	3.42	68.2	6.10	Peak	99.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



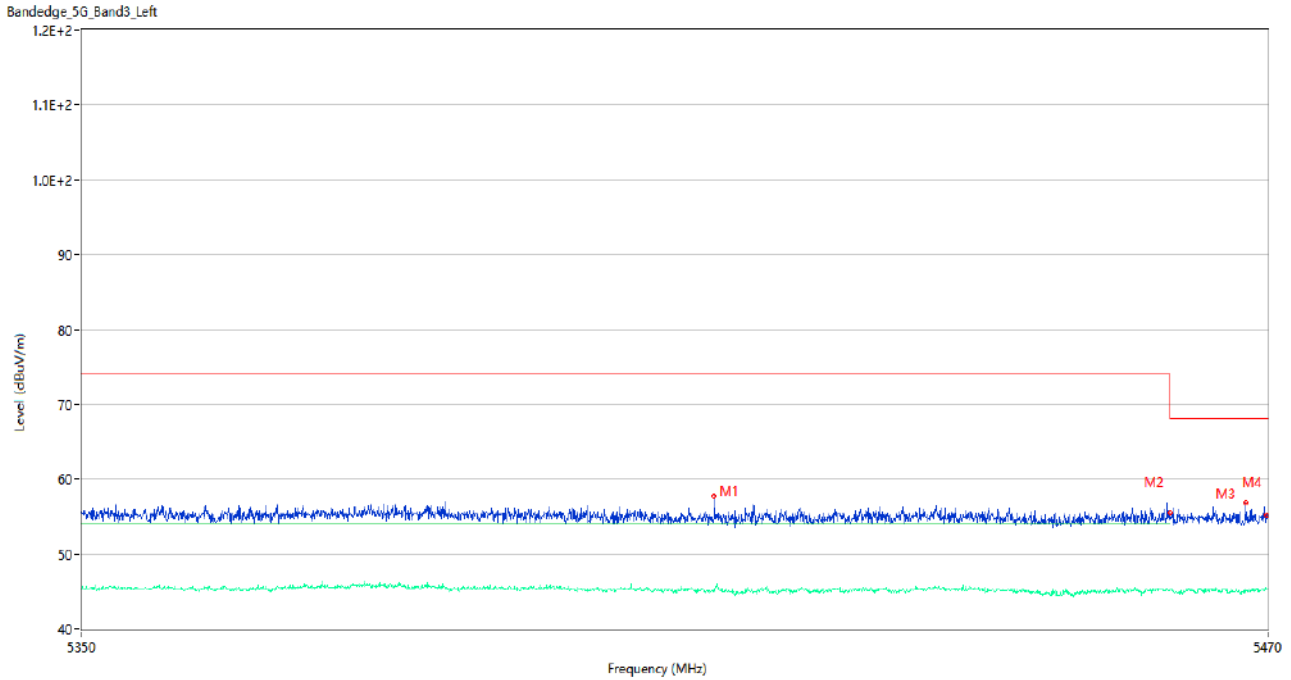
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5382.880	57.84	2.85	74.0	16.16	Peak	257.00	200	Horizontal	Pass
1**	5382.880	45.48	2.85	54.0	8.52	AV	257.00	200	Horizontal	Pass
2	5459.980	54.66	3.49	74.0	19.34	Peak	132.00	100	Horizontal	Pass
2**	5459.980	45.51	3.49	54.0	8.49	AV	132.00	100	Horizontal	Pass
3	5469.820	58.52	3.28	68.2	9.68	Peak	120.00	200	Horizontal	Pass
3**	5469.820	45.29	3.28	--	--	AV	120.00	200	Horizontal	N/A
4	5469.940	55.85	3.29	68.2	12.35	Peak	166.00	100	Horizontal	Pass
4**	5469.940	45.31	3.29	--	--	AV	166.00	100	Horizontal	N/A

U-NII-2C 11ac20 High Channel



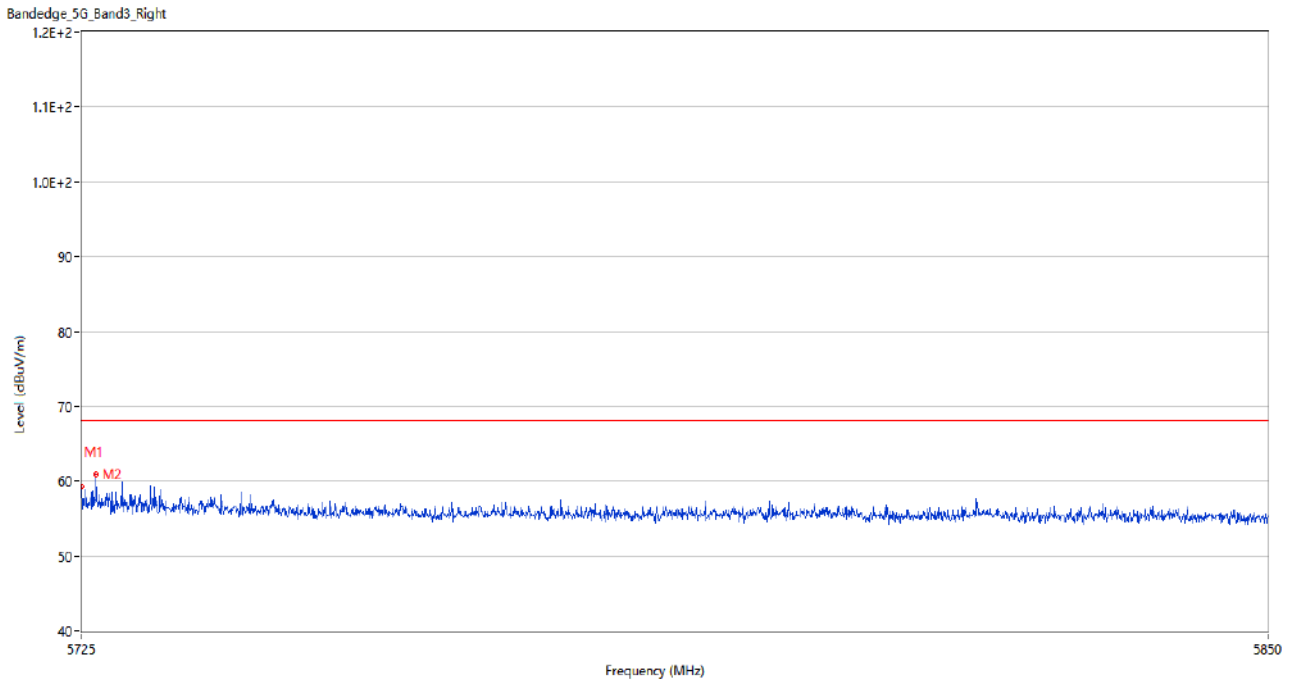
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.00	3.44	68.2	13.20	Peak	152.00	100	Horizontal	Pass
2	5803.000	57.96	3.94	68.2	10.24	Peak	133.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



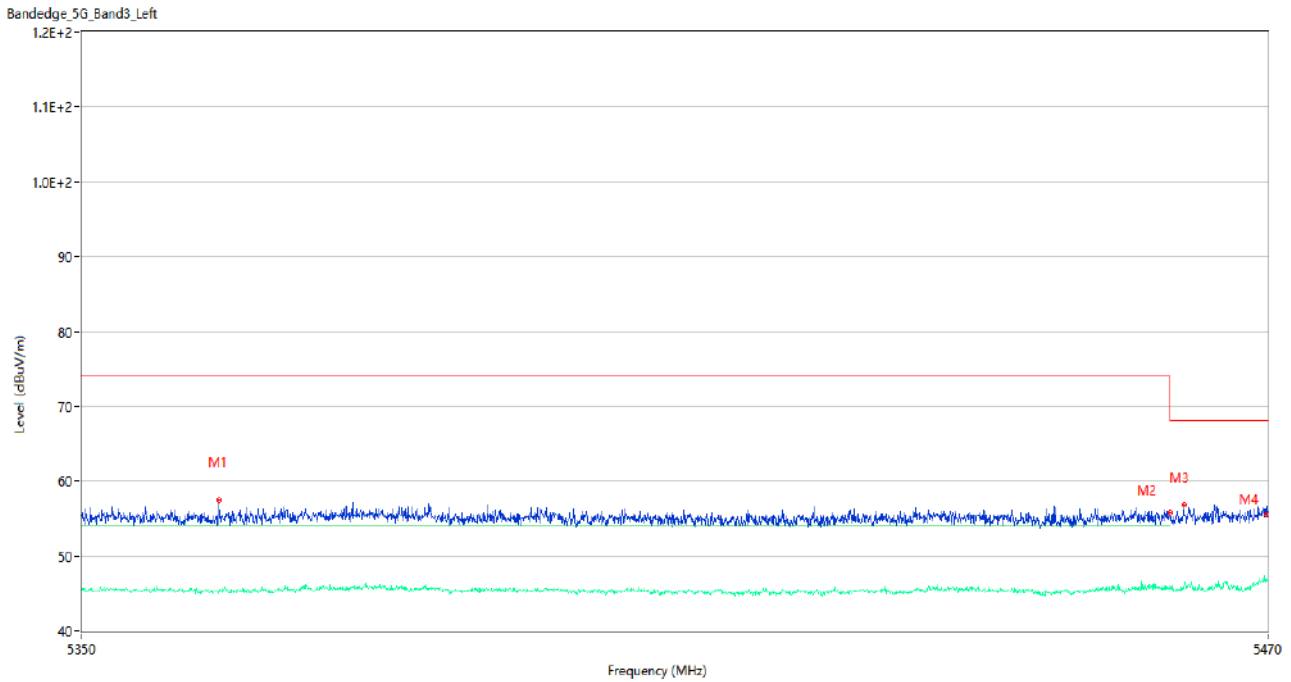
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5413.660	57.83	3.26	74.0	16.17	Peak	0.00	100	Horizontal	Pass
1**	5413.660	45.23	3.26	54.0	8.77	AV	0.00	100	Horizontal	Pass
2	5459.980	55.48	3.49	74.0	18.52	Peak	248.00	200	Horizontal	Pass
2**	5459.980	45.11	3.49	54.0	8.89	AV	248.00	200	Horizontal	Pass
3	5467.780	56.82	3.25	68.2	11.38	Peak	136.00	100	Horizontal	Pass
3**	5467.780	45.19	3.25	--	--	AV	136.00	100	Horizontal	N/A
4	5469.940	55.20	3.29	68.2	13.00	Peak	98.00	200	Horizontal	Pass
4**	5469.940	45.33	3.29	--	--	AV	98.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



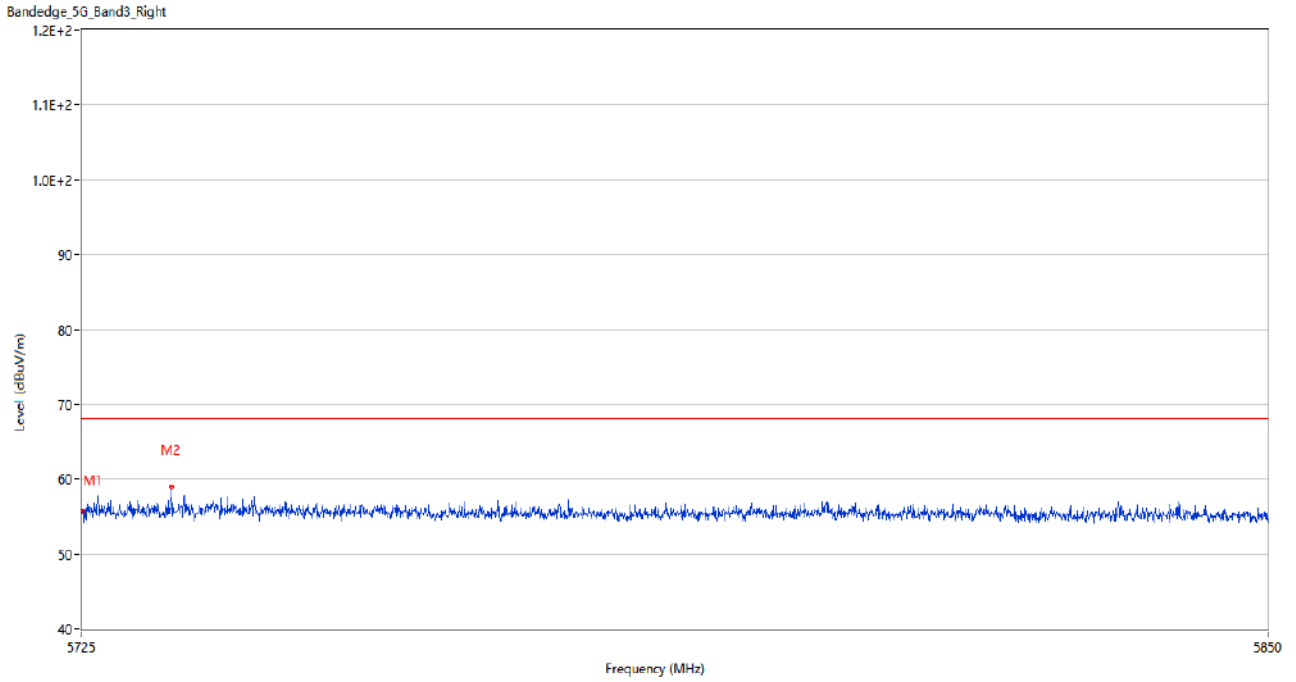
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.32	3.51	68.2	8.88	Peak	122.00	150	Horizontal	Pass
2	5726.500	60.98	3.84	68.2	7.22	Peak	144.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



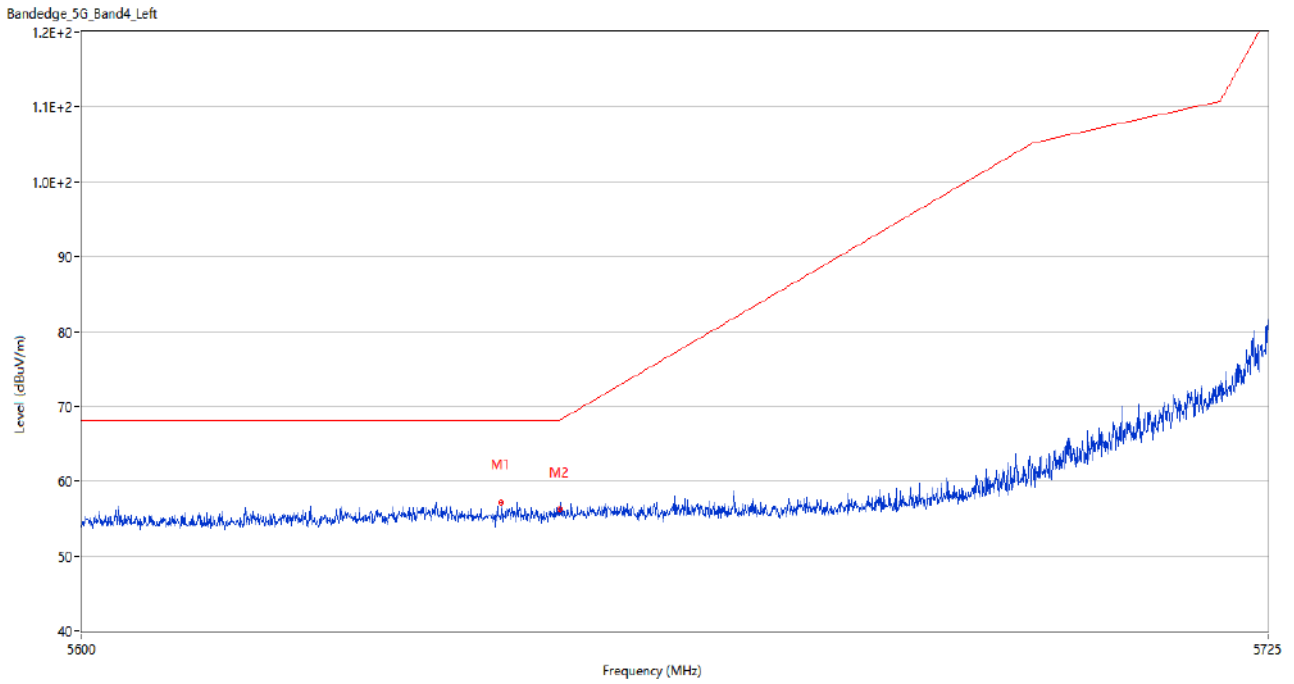
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5363.740	57.52	2.57	74.0	16.48	Peak	273.00	200	Horizontal	Pass
1**	5363.740	44.98	2.57	54.0	9.02	AV	273.00	200	Horizontal	Pass
2	5459.980	55.83	3.49	74.0	18.17	Peak	28.00	100	Horizontal	Pass
2**	5459.980	45.69	3.49	54.0	8.31	AV	28.00	100	Horizontal	Pass
3	5461.420	56.89	3.18	68.2	11.31	Peak	172.00	200	Horizontal	Pass
3**	5461.420	45.99	3.18	--	--	AV	172.00	200	Horizontal	N/A
4	5469.940	55.55	3.29	68.2	12.65	Peak	98.00	100	Horizontal	Pass
4**	5469.940	46.88	3.29	--	--	AV	98.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



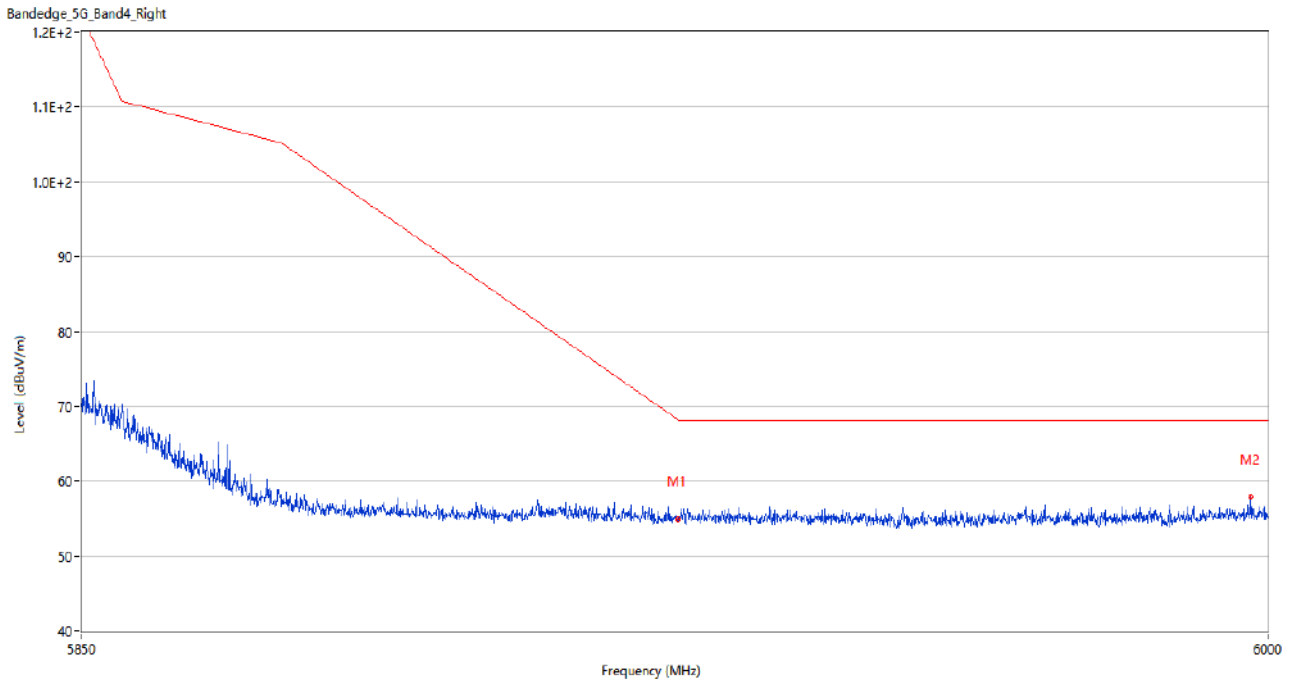
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.69	3.44	68.2	12.51	Peak	263.00	100	Horizontal	Pass
2	5734.375	58.96	3.80	68.2	9.24	Peak	119.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



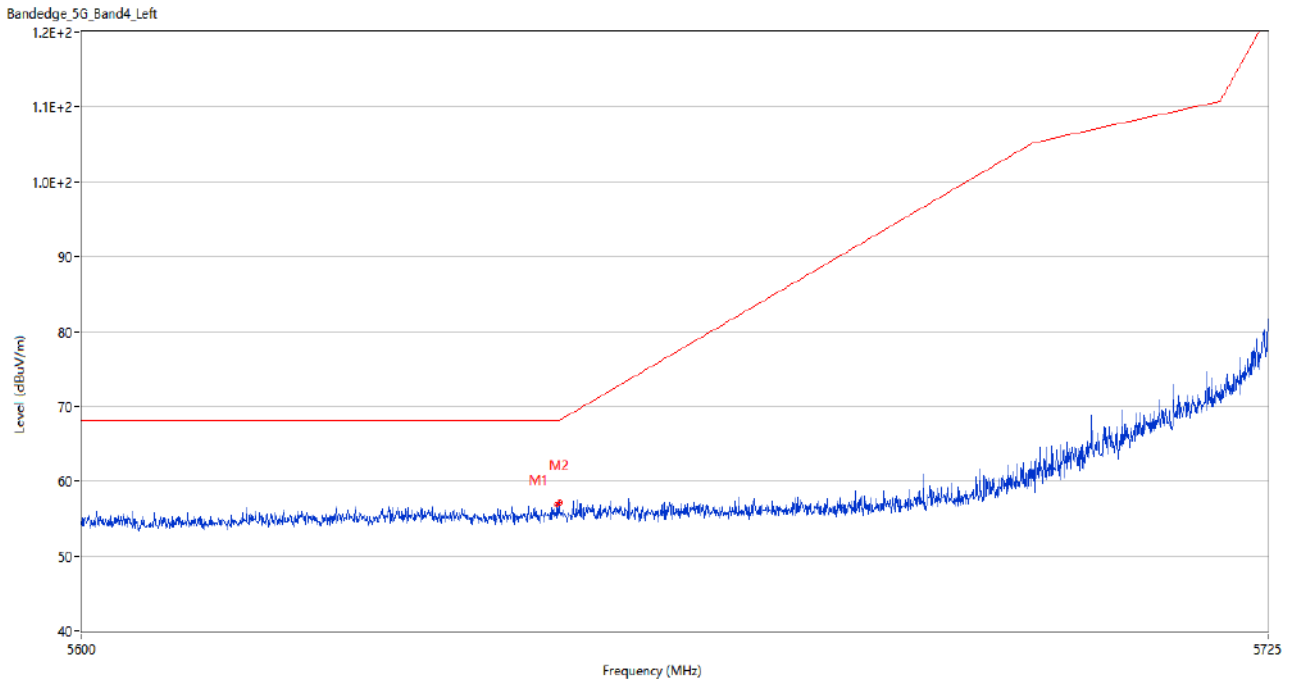
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.937	57.23	3.28	68.2	10.97	Peak	98.00	100	Horizontal	Pass
2	5650.000	56.20	3.72	68.2	12.00	Peak	159.00	200	Horizontal	Pass

U-NII-3 11a High Channel



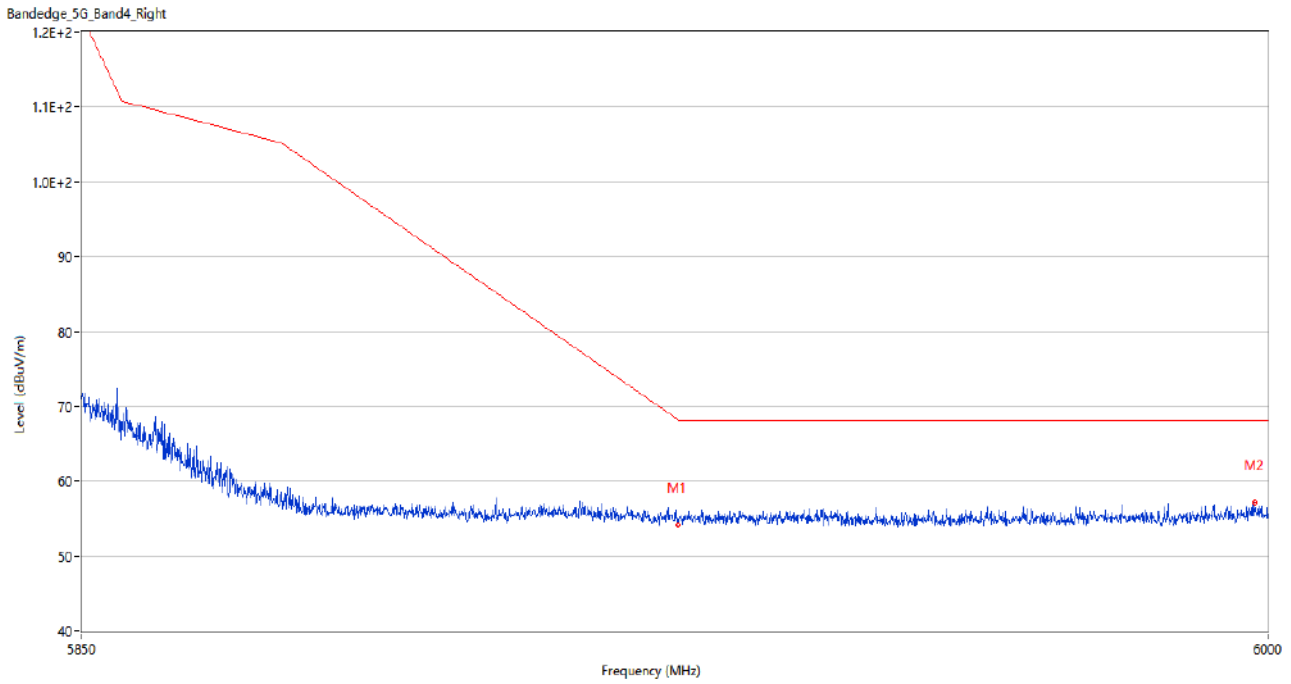
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.96	3.42	68.3	13.34	Peak	7.00	200	Horizontal	Pass
2	5997.825	57.97	4.97	68.2	10.23	Peak	360.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



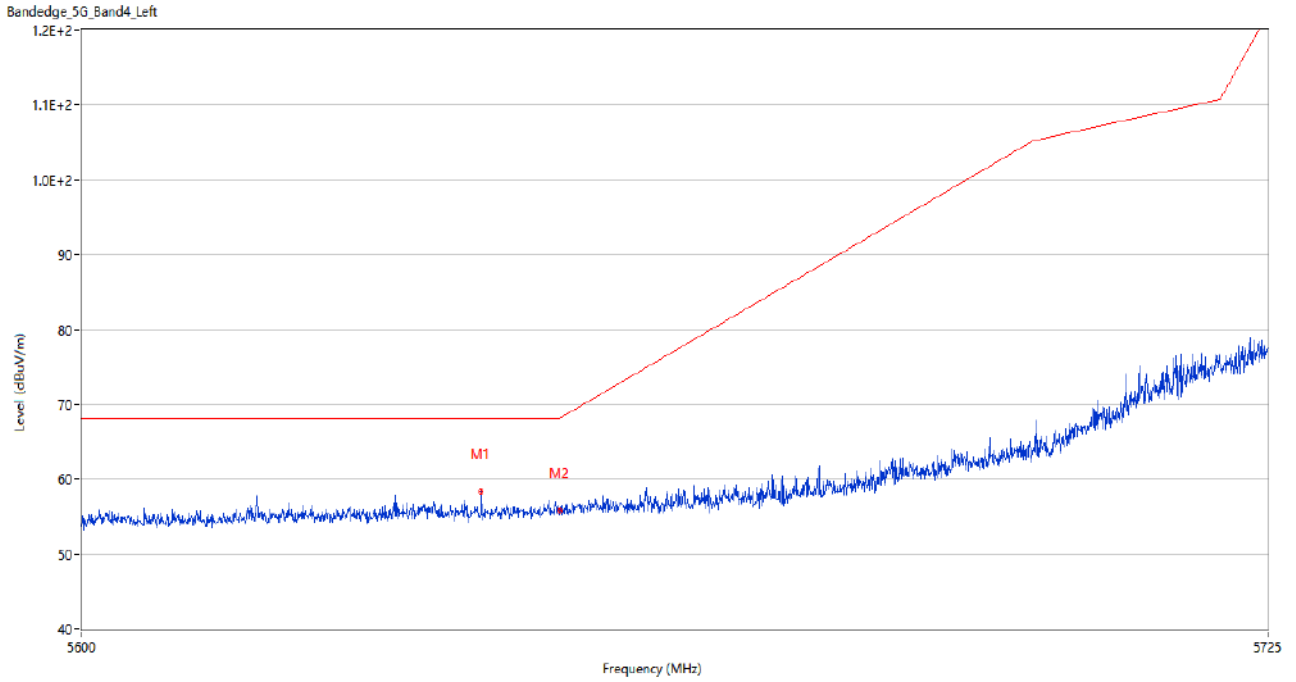
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.750	56.82	3.52	68.2	11.38	Peak	115.00	200	Horizontal	Pass
2	5650.000	57.18	3.72	68.2	11.02	Peak	81.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



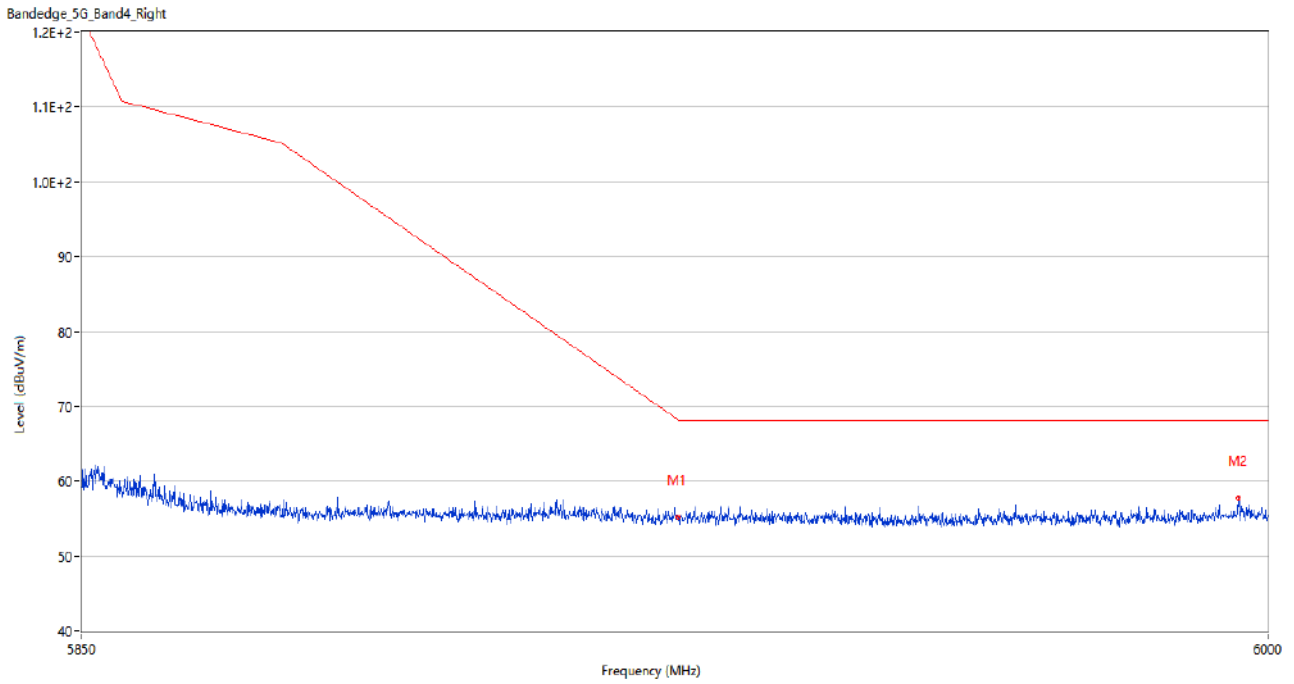
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.19	3.42	68.3	14.11	Peak	250.00	200	Horizontal	Pass
2	5998.275	57.15	4.75	68.2	11.05	Peak	0.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel



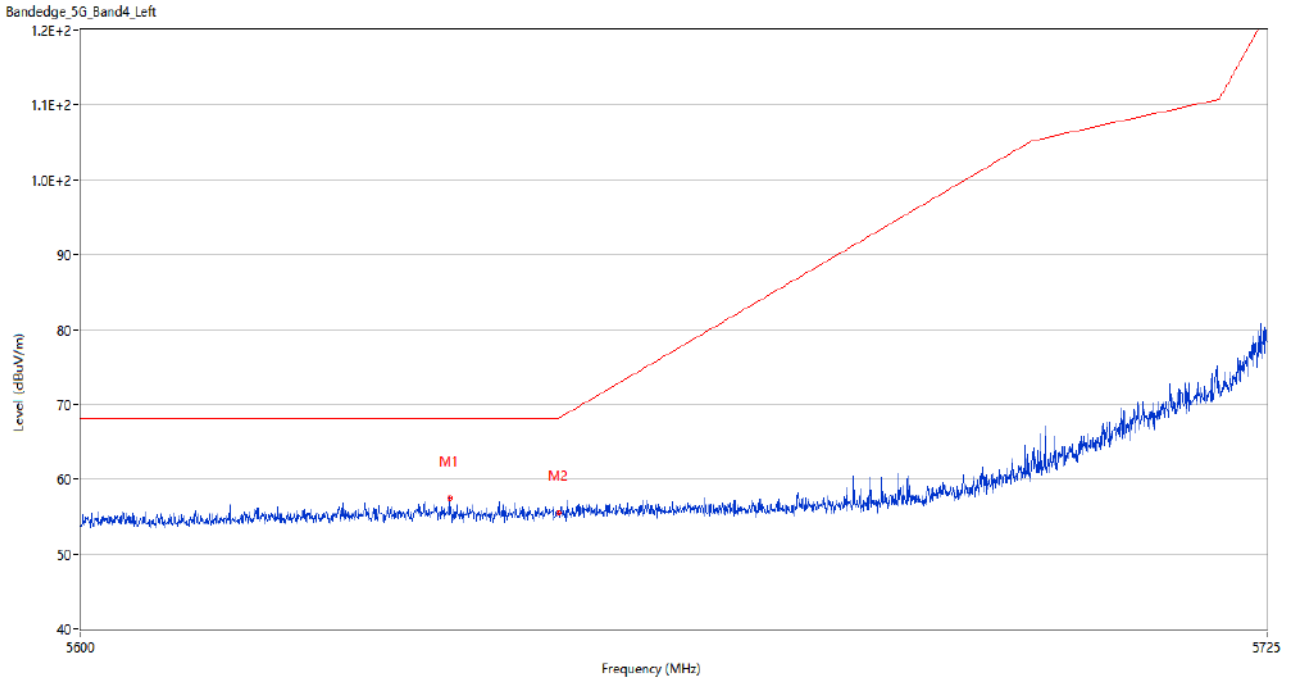
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.812	58.39	3.24	68.2	9.81	Peak	131.00	100	Horizontal	Pass
2	5650.000	55.82	3.72	68.2	12.38	Peak	108.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



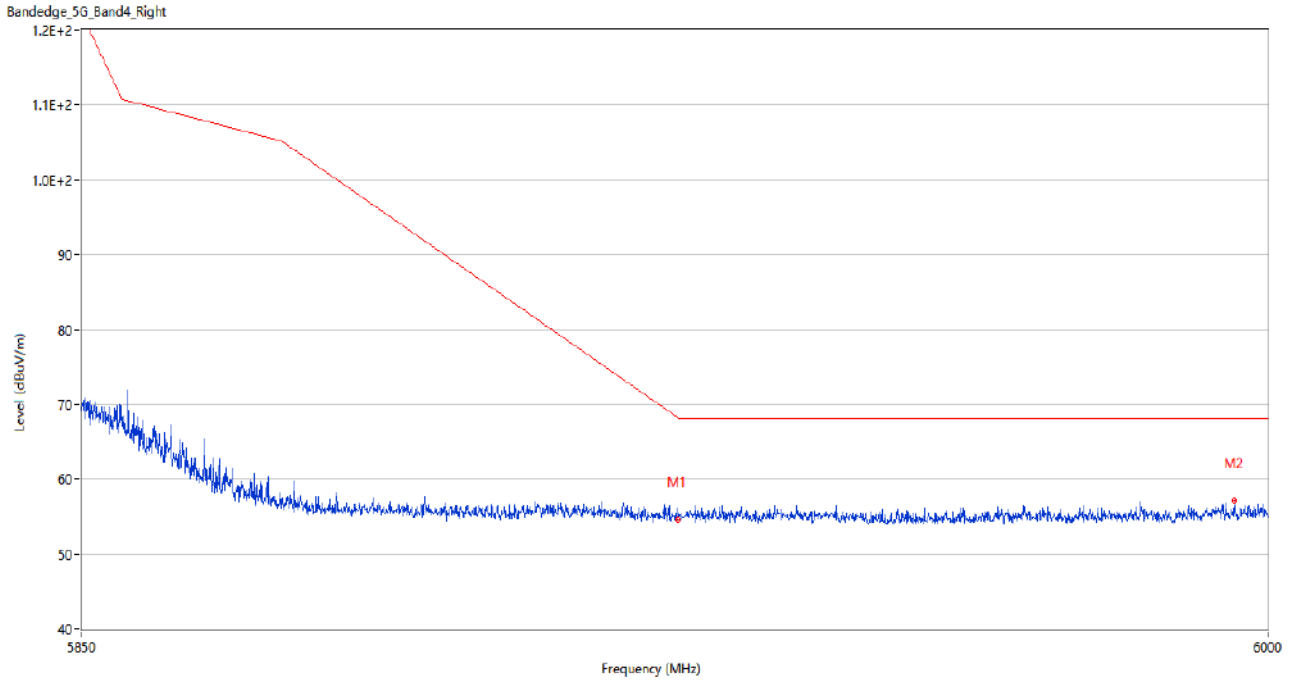
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.16	3.42	68.3	13.14	Peak	237.00	200	Horizontal	Pass
2	5996.250	57.80	4.60	68.2	10.40	Peak	127.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



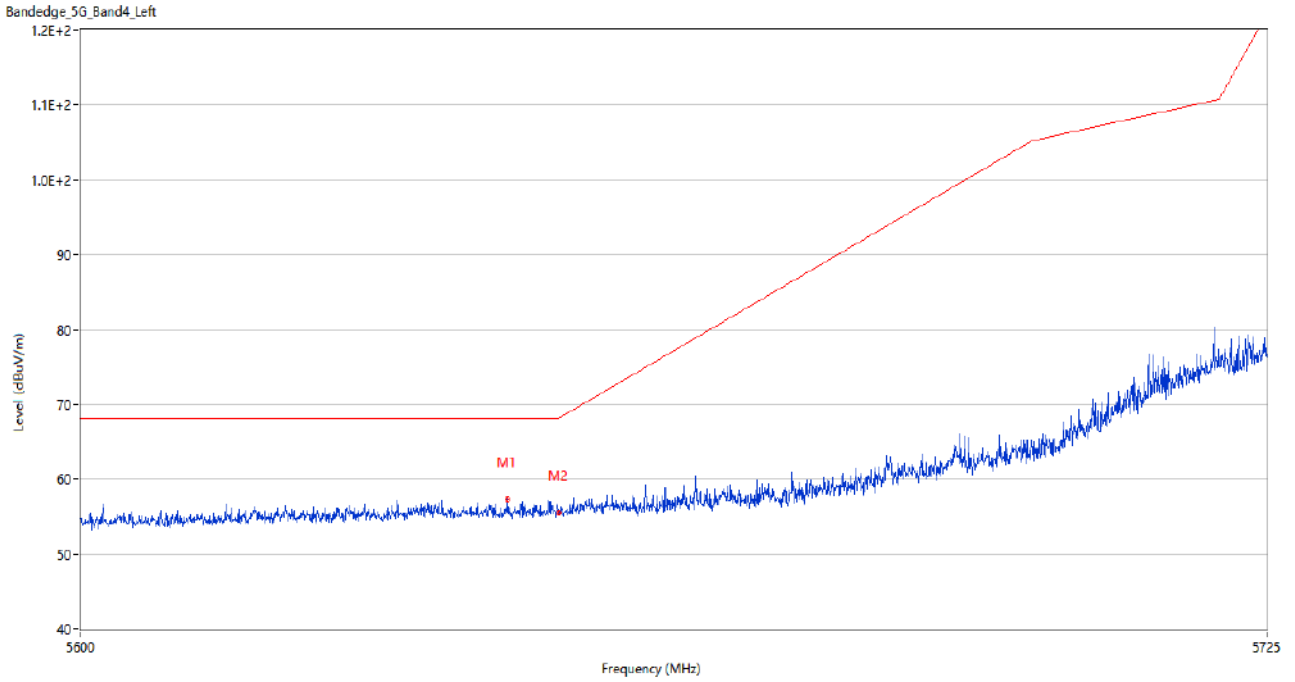
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.562	57.48	3.61	68.2	10.72	Peak	165.00	200	Horizontal	Pass
2	5650.000	55.45	3.72	68.2	12.75	Peak	117.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



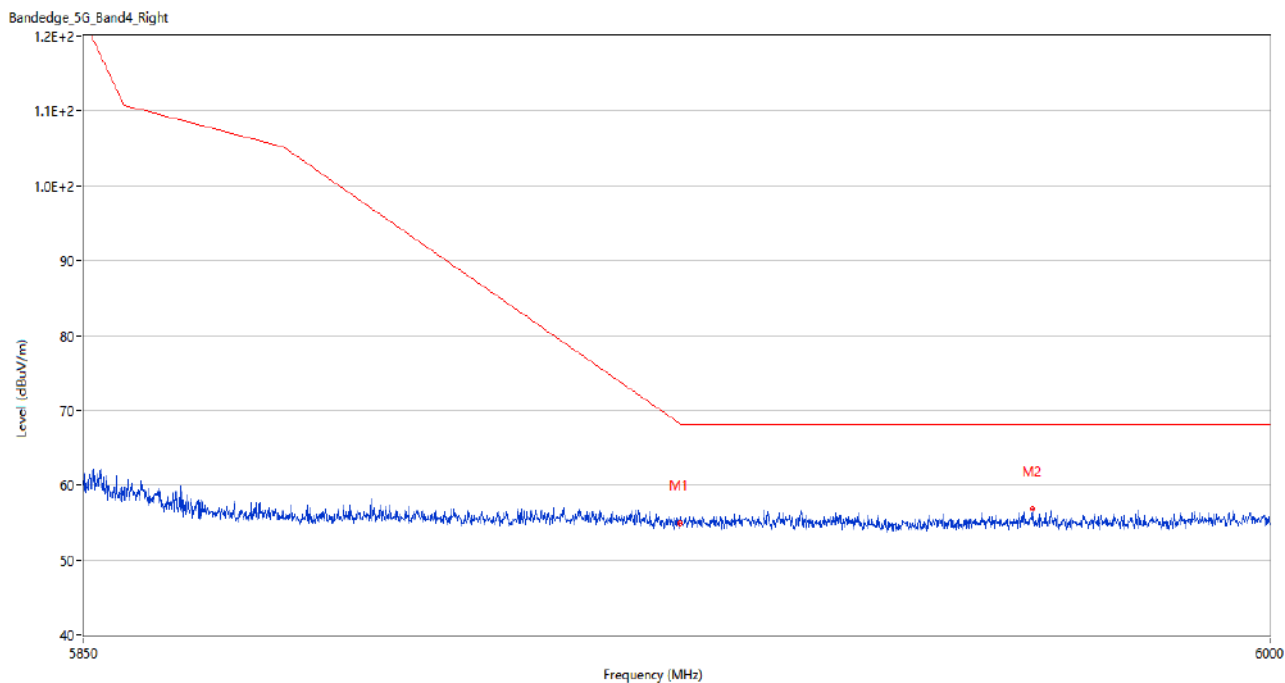
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.57	3.42	68.3	13.73	Peak	232.00	150	Horizontal	Pass
2	5995.800	57.21	4.56	68.2	10.99	Peak	14.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel



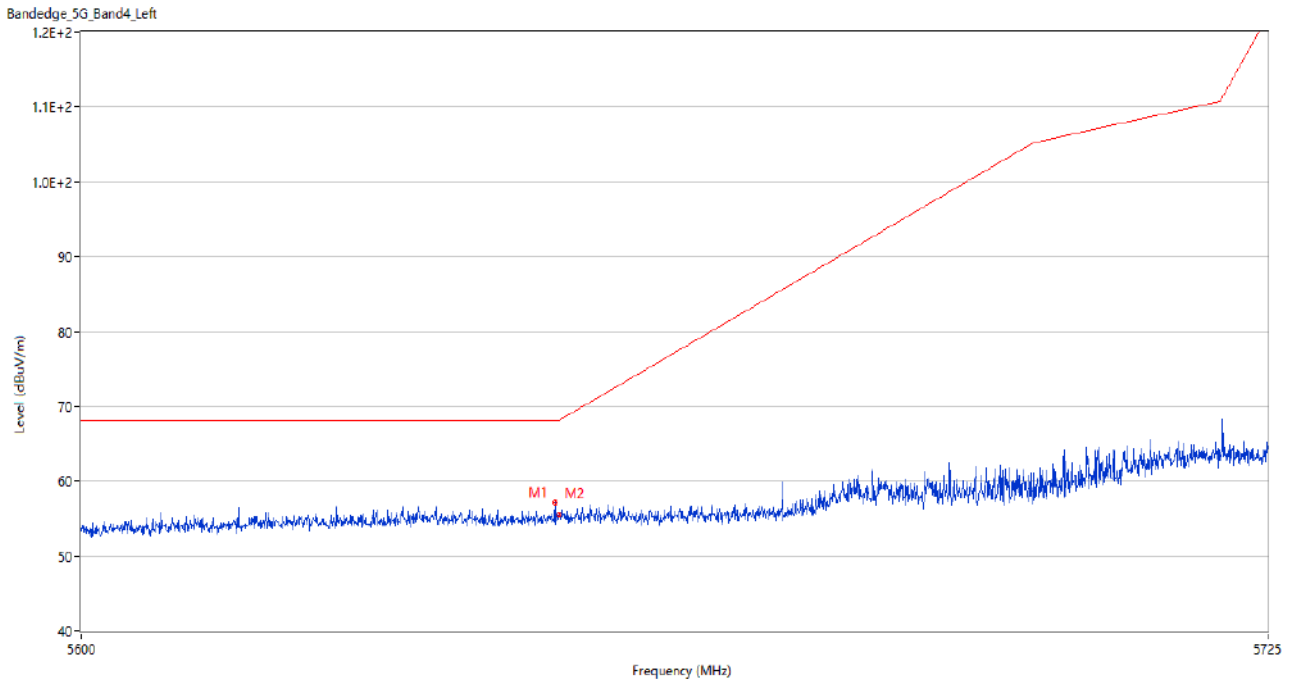
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.687	57.36	3.44	68.2	10.84	Peak	99.00	100	Horizontal	Pass
2	5650.000	55.48	3.72	68.2	12.72	Peak	147.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



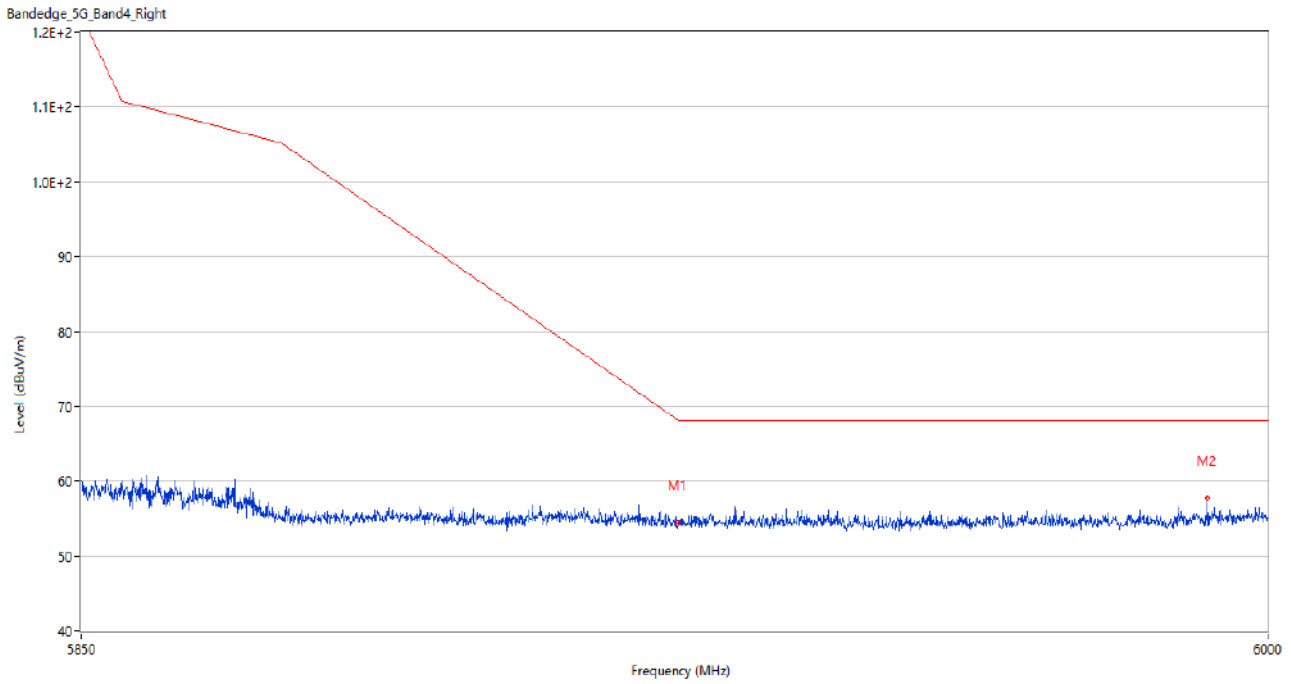
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.99	3.42	68.3	13.31	Peak	218.00	150	Horizontal	Pass
2	5969.700	56.81	3.73	68.2	11.39	Peak	130.00	100	Horizontal	Pass

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	5649.563	57.18	3.45	68.2	11.02	Peak	94.00	150	Horizontal	Pass
2	5650.000	55.53	3.72	68.2	12.67	Peak	175.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.47	3.42	68.3	13.83	Peak	205.00	150	Horizontal	Pass
2	5992.275	57.71	4.70	68.2	10.49	Peak	235.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2410719-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2410719-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2410719-AI.PDF”.

Statement

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

--END OF REPORT--