

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: RMX3933
Brand Name: realme
FCC ID: 2AUYFRMX3933
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Apr. 25, 2024
Test Date: Apr. 27, 2024 - May 06, 2024
Date of Issue: May 21, 2024

ISSUED BY:

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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>May 21, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
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	RMX3933
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI Android 14
Dimensions (Approx.)	167.26*76.67*7.84mm
Weight (Approx.)	187g
EUT ID	S05, S07, S02, S01
IMEI Number	S05: IMEI1: 860118070019475, IMEI2: 860118070019467
	S07: IMEI1: 860118070019434, IMEI2: 860118070019426
	S02: IMEI1: 860118070019772, IMEI2: 860118070019764
	S01: IMEI1: 860118070019798, IMEI2: 860118070019780

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/13/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, Galileo, GLONASS, GPS, BDS, SBAS
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 78.89 mW U-NII-2A: 81.10 mW U-NII-2C: 85.11 mW U-NII-3: 76.91 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.47 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.77 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.13 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.74 dBi
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.

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	55% to 73%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.6°C to +25.6°C
	LT (Low Temperature)	0.0°C
	HT (High Temperature)	+35.0°C
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V
	LV (Low Voltage)	3.40 V
	HV (High Voltage)	4.50 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
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	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*2.8 m	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%

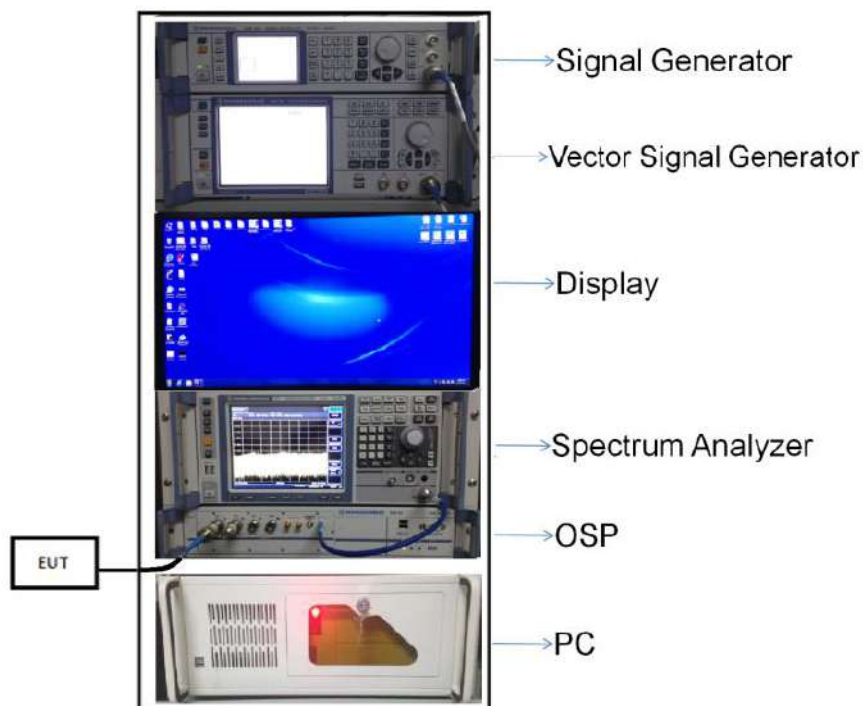
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

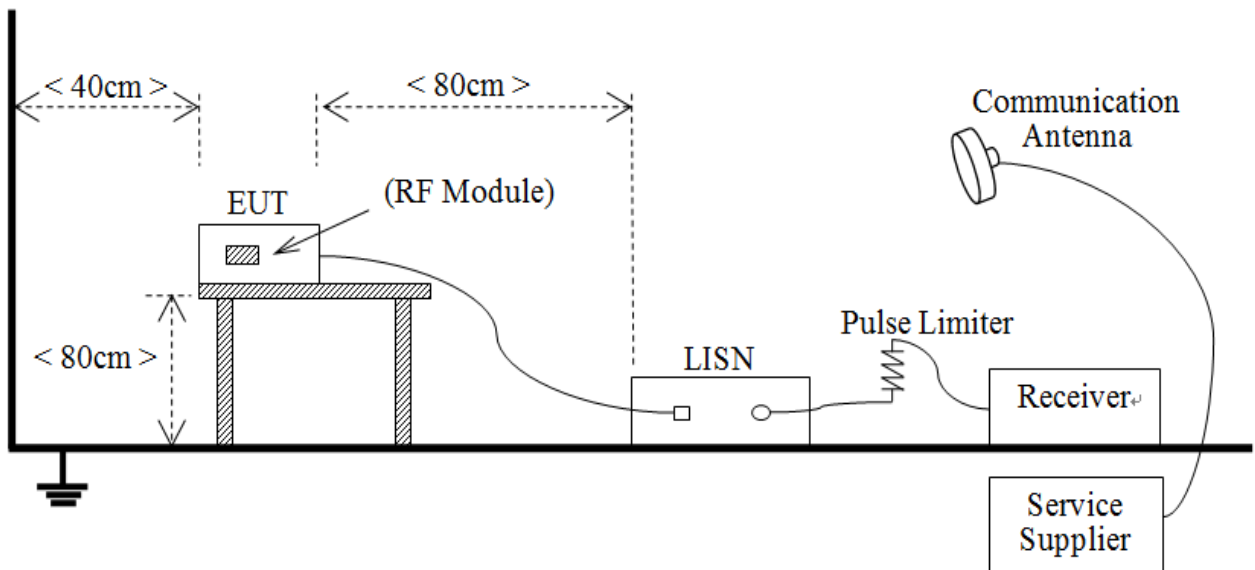
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



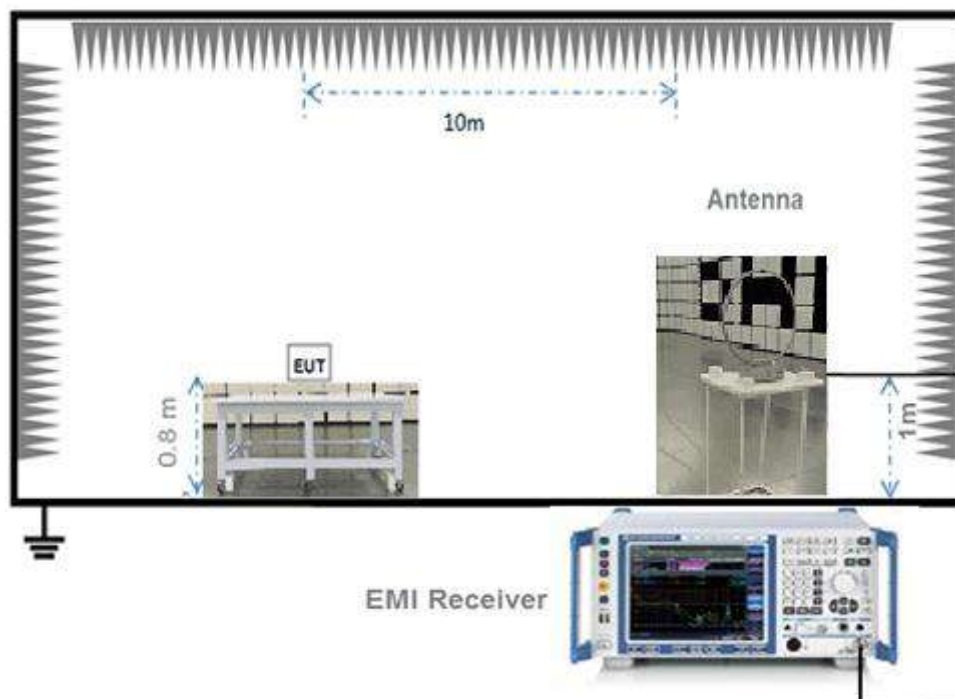
(Diagram 1)

4.5.2 For AC Power Supply Port Test



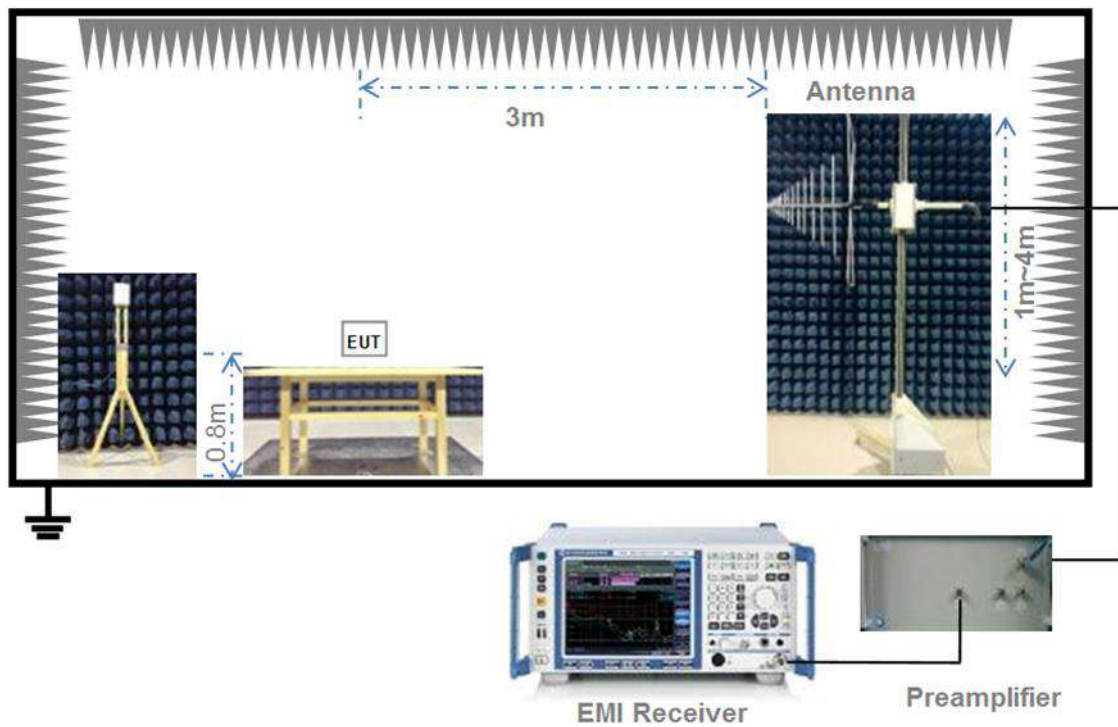
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



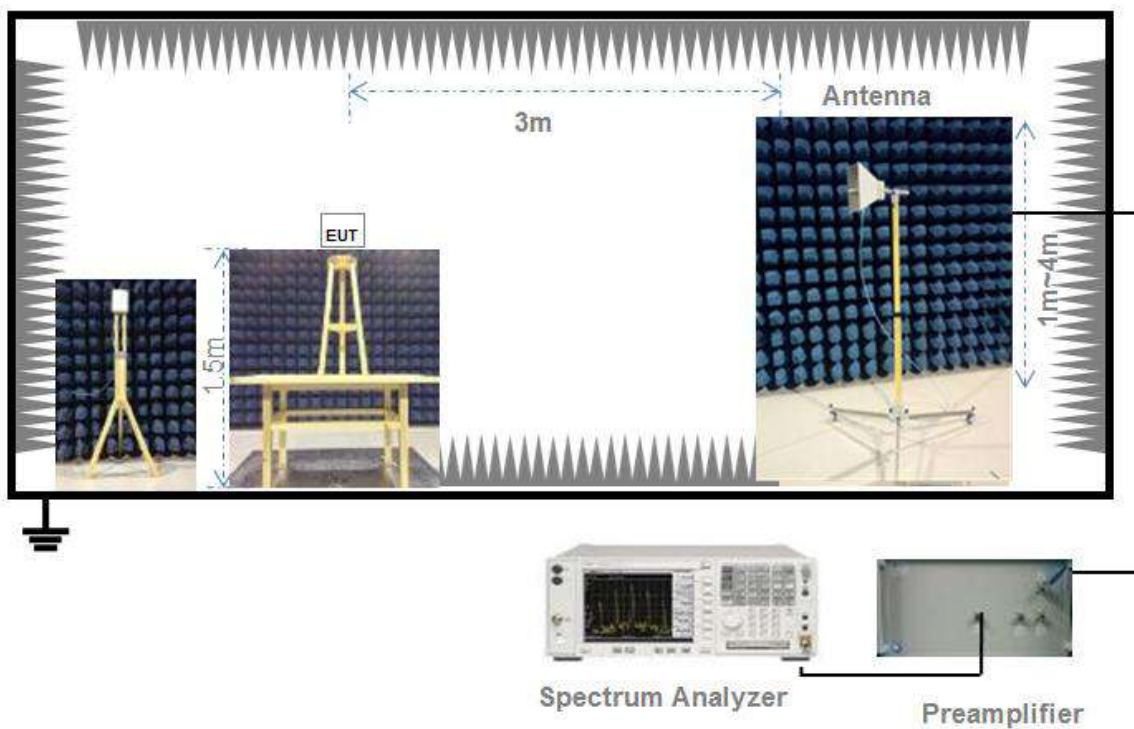
(Diagram 3)

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 ≥ 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 $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 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)

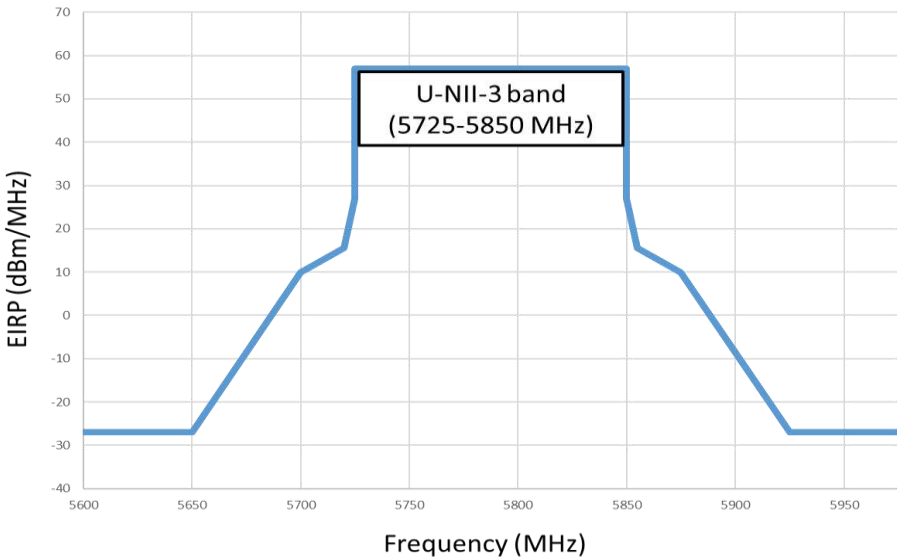
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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	1.55	89.25%	0.49
11n (HT20)/11ac (VHT20)	1.18	1.35	87.21%	0.59
11n (HT40)/11ac (VHT40)	0.58	0.79	74.02%	1.31
11ac (VHT80)	0.29	0.55	53.62%	2.71

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.81	24.04	250	Pass
11a	CH44	18.97	78.89	250	Pass
11a	CH48	18.86	76.91	250	Pass
11n (HT20)	CH36	10.97	12.50	250	Pass
11n (HT20)	CH44	18.60	72.44	250	Pass
11n (HT20)	CH48	17.90	61.66	250	Pass
11n (HT40)	CH38	8.75	7.50	250	Pass
11n (HT40)	CH46	18.04	63.68	250	Pass
11ac (VHT20)	CH36	13.91	24.60	250	Pass
11ac (VHT20)	CH44	18.19	65.92	250	Pass
11ac (VHT20)	CH48	17.95	62.37	250	Pass
11ac (VHT40)	CH38	11.52	14.19	250	Pass
11ac (VHT40)	CH46	18.69	73.96	250	Pass
11ac (VHT80)	CH42	12.55	17.99	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	18.94	78.34	250	Pass
11a	CH60	18.60	72.44	250	Pass
11a	CH64	12.11	16.26	250	Pass
11n (HT20)	CH52	18.96	78.70	250	Pass
11n (HT20)	CH60	18.91	77.80	250	Pass
11n (HT20)	CH64	13.41	21.93	250	Pass
11n (HT40)	CH54	18.75	74.99	250	Pass
11n (HT40)	CH62	9.88	9.73	250	Pass
11ac (VHT20)	CH52	18.81	76.03	250	Pass
11ac (VHT20)	CH60	19.09	81.10	250	Pass
11ac (VHT20)	CH64	11.27	13.40	250	Pass
11ac (VHT40)	CH54	18.55	71.61	250	Pass
11ac (VHT40)	CH62	10.77	11.94	250	Pass
11ac (VHT80)	CH58	13.40	21.88	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.32	21.48	250	Pass
11a	CH116	18.50	70.79	250	Pass
11a	CH140	9.64	9.20	250	Pass
11n (HT20)	CH100	10.97	12.50	250	Pass
11n (HT20)	CH116	19.27	84.53	250	Pass
11n (HT20)	CH140	9.67	9.27	250	Pass
11n (HT40)	CH102	7.23	5.28	250	Pass
11n (HT40)	CH118	19.04	80.17	250	Pass
11n (HT40)	CH134	11.49	14.09	250	Pass
11ac (VHT20)	CH100	10.61	11.51	250	Pass
11ac (VHT20)	CH116	19.30	85.11	250	Pass
11ac (VHT20)	CH140	9.70	9.33	250	Pass
11ac (VHT40)	CH102	7.06	5.08	250	Pass
11ac (VHT40)	CH118	18.84	76.56	250	Pass
11ac (VHT40)	CH134	11.59	14.42	250	Pass
11ac (VHT80)	CH106	14.17	26.12	250	Pass
11ac (VHT80)	CH122	18.89	77.45	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.10	51.29	1000	Pass
11a	CH157	18.18	65.77	1000	Pass
11a	CH165	18.61	72.61	1000	Pass
11n (HT20)	CH149	13.38	21.78	1000	Pass
11n (HT20)	CH157	16.96	49.66	1000	Pass
11n (HT20)	CH165	17.11	51.40	1000	Pass
11n (HT40)	CH151	8.30	6.76	1000	Pass
11n (HT40)	CH159	18.86	76.91	1000	Pass
11ac (VHT20)	CH149	13.40	21.88	1000	Pass
11ac (VHT20)	CH157	17.83	60.67	1000	Pass
11ac (VHT20)	CH165	16.24	42.07	1000	Pass
11ac (VHT40)	CH151	9.23	8.38	1000	Pass
11ac (VHT40)	CH159	18.37	68.71	1000	Pass
11ac (VHT80)	CH155	12.17	16.48	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441131-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	28.48	16.77
11a	CH44	34.39	17.38
11a	CH48	34.30	17.27
11n (HT20)	CH36	31.86	17.85
11n (HT20)	CH44	37.65	18.17
11n (HT20)	CH48	31.93	17.85
11n (HT40)	CH38	48.39	36.31
11n (HT40)	CH46	50.92	36.28
11ac (VHT20)	CH36	33.26	17.81
11ac (VHT20)	CH44	30.74	17.90
11ac (VHT20)	CH48	33.85	17.88
11ac (VHT40)	CH38	54.54	36.54
11ac (VHT40)	CH46	60.85	36.39
11ac (VHT80)	CH42	86.80	75.51

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	34.79	17.76
11a	CH60	34.77	17.75
11a	CH64	27.80	16.77
11n (HT20)	CH52	39.36	18.40
11n (HT20)	CH60	38.05	18.43
11n (HT20)	CH64	30.98	17.86
11n (HT40)	CH54	64.67	36.48
11n (HT40)	CH62	49.69	36.32
11ac (VHT20)	CH52	38.94	18.41
11ac (VHT20)	CH60	37.84	18.53
11ac (VHT20)	CH64	32.09	17.80
11ac (VHT40)	CH54	70.03	36.47
11ac (VHT40)	CH62	52.69	36.26
11ac (VHT80)	CH58	83.24	75.44

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	27.30	16.78
11a	CH116	30.71	16.88
11a	CH140	25.02	16.74
11n (HT20)	CH100	29.19	17.80
11n (HT20)	CH116	35.70	17.99
11n (HT20)	CH140	28.05	17.81
11n (HT40)	CH102	50.37	36.39
11n (HT40)	CH118	52.18	36.31
11n (HT40)	CH134	54.50	36.60
11ac (VHT20)	CH100	30.71	17.74
11ac (VHT20)	CH116	34.28	17.99
11ac (VHT20)	CH140	32.01	17.76
11ac (VHT40)	CH102	52.79	36.37
11ac (VHT40)	CH118	60.39	36.30
11ac (VHT40)	CH134	54.44	36.52
11ac (VHT80)	CH106	87.58	75.67
11ac (VHT80)	CH122	113.80	75.71

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	29.88	16.76
11a	CH157	29.21	16.84
11a	CH165	34.16	17.15
11n (HT20)	CH149	31.61	17.86
11n (HT20)	CH157	29.00	17.77
11n (HT20)	CH165	29.42	17.81
11n (HT40)	CH151	48.45	36.37
11n (HT40)	CH159	60.54	36.38
11ac (VHT20)	CH149	33.33	17.79
11ac (VHT20)	CH157	32.06	17.81
11ac (VHT20)	CH165	30.45	17.74
11ac (VHT40)	CH151	52.87	36.30
11ac (VHT40)	CH159	60.28	36.28
11ac (VHT80)	CH155	86.97	75.62

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2441131-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.60	500.00	Pass
11a	CH157	16.60	500.00	Pass
11a	CH165	16.60	500.00	Pass
11n (HT20)	CH149	17.50	500.00	Pass
11n (HT20)	CH157	17.60	500.00	Pass
11n (HT20)	CH165	17.40	500.00	Pass
11n (HT40)	CH151	36.20	500.00	Pass
11n (HT40)	CH159	35.70	500.00	Pass
11ac (VHT20)	CH149	17.60	500.00	Pass
11ac (VHT20)	CH157	17.50	500.00	Pass
11ac (VHT20)	CH165	17.50	500.00	Pass
11ac (VHT40)	CH151	36.20	500.00	Pass
11ac (VHT40)	CH159	35.80	500.00	Pass
11ac (VHT80)	CH155	76.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2441131-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.78	11.00	Pass
11a	CH44	7.29	11.00	Pass
11a	CH48	7.09	11.00	Pass
11n (HT20)	CH36	-1.44	11.00	Pass
11n (HT20)	CH44	6.99	11.00	Pass
11n (HT20)	CH48	5.66	11.00	Pass
11n (HT40)	CH38	-7.05	11.00	Pass
11n (HT40)	CH46	2.39	11.00	Pass
11ac (VHT20)	CH36	1.47	11.00	Pass
11ac (VHT20)	CH44	6.38	11.00	Pass
11ac (VHT20)	CH48	6.22	11.00	Pass
11ac (VHT40)	CH38	-4.41	11.00	Pass
11ac (VHT40)	CH46	3.09	11.00	Pass
11ac (VHT80)	CH42	-7.69	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	7.22	11.00	Pass
11a	CH60	6.99	11.00	Pass
11a	CH64	-0.13	11.00	Pass
11n (HT20)	CH52	6.99	11.00	Pass
11n (HT20)	CH60	6.92	11.00	Pass
11n (HT20)	CH64	0.76	11.00	Pass
11n (HT40)	CH54	3.02	11.00	Pass
11n (HT40)	CH62	-6.33	11.00	Pass
11ac (VHT20)	CH52	6.95	11.00	Pass
11ac (VHT20)	CH60	6.85	11.00	Pass
11ac (VHT20)	CH64	-1.34	11.00	Pass
11ac (VHT40)	CH54	2.96	11.00	Pass
11ac (VHT40)	CH62	-5.12	11.00	Pass
11ac (VHT80)	CH58	-6.98	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.29	11.00	Pass
11a	CH116	6.43	11.00	Pass
11a	CH140	-2.41	11.00	Pass
11n (HT20)	CH100	-1.51	11.00	Pass
11n (HT20)	CH116	6.84	11.00	Pass
11n (HT20)	CH140	-2.67	11.00	Pass
11n (HT40)	CH102	-8.63	11.00	Pass
11n (HT40)	CH118	3.07	11.00	Pass
11n (HT40)	CH134	-4.31	11.00	Pass
11ac (VHT20)	CH100	-1.64	11.00	Pass
11ac (VHT20)	CH116	6.92	11.00	Pass
11ac (VHT20)	CH140	-2.59	11.00	Pass
11ac (VHT40)	CH102	-8.78	11.00	Pass
11ac (VHT40)	CH118	2.96	11.00	Pass
11ac (VHT40)	CH134	-4.26	11.00	Pass
11ac (VHT80)	CH106	-6.08	11.00	Pass
11ac (VHT80)	CH122	-1.32	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.34	30.00	Pass
11a	CH157	3.40	30.00	Pass
11a	CH165	4.23	30.00	Pass
11n (HT20)	CH149	-1.70	30.00	Pass
11n (HT20)	CH157	1.68	30.00	Pass
11n (HT20)	CH165	2.09	30.00	Pass
11n (HT40)	CH151	-10.34	30.00	Pass
11n (HT40)	CH159	0.22	30.00	Pass
11ac (VHT20)	CH149	-1.62	30.00	Pass
11ac (VHT20)	CH157	2.86	30.00	Pass
11ac (VHT20)	CH165	1.23	30.00	Pass
11ac (VHT40)	CH151	-9.58	30.00	Pass
11ac (VHT40)	CH159	0.20	30.00	Pass
11ac (VHT80)	CH155	-10.89	30.00	Pass

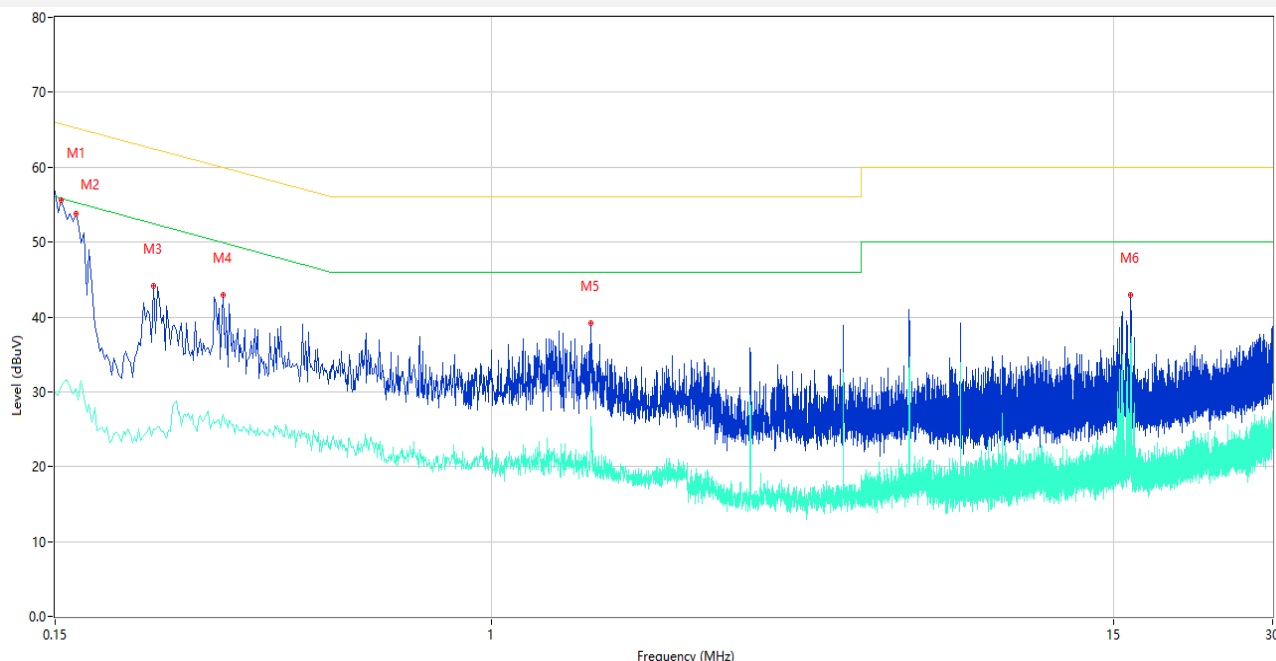
A.5 Conducted Emissions

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.

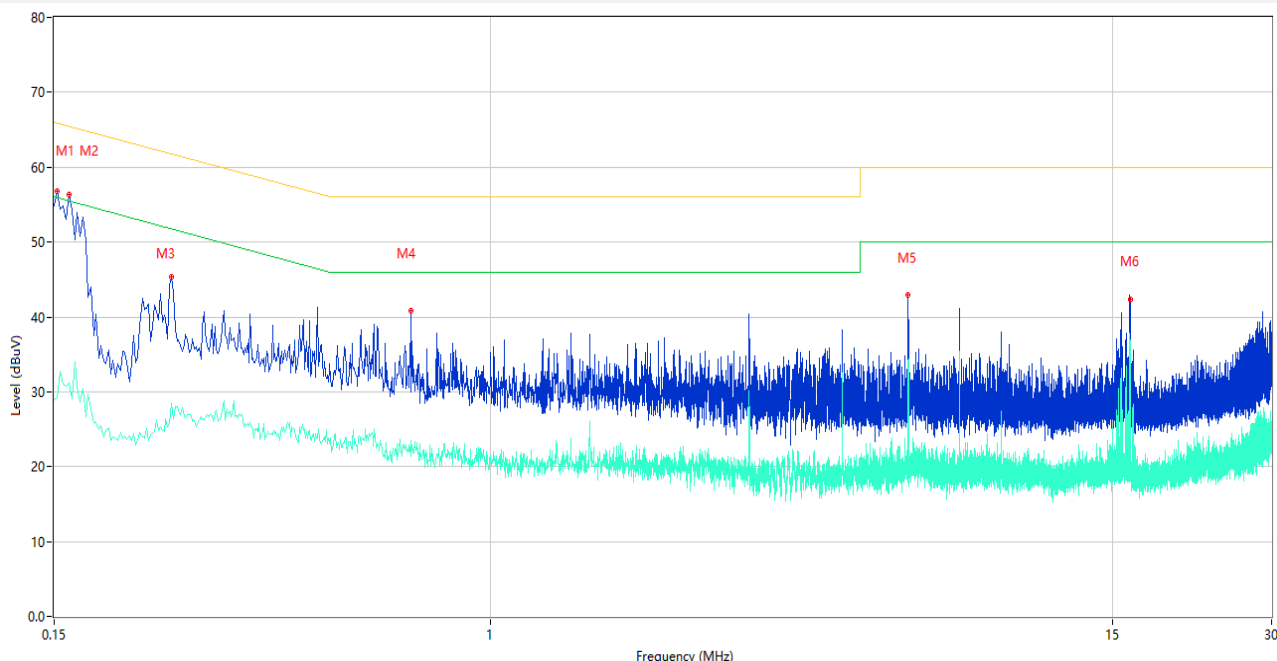
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	55.58	10.11	65.78	10.20	Peak	L	Pass
1**	0.154	30.78	10.11	55.78	25.00	AV	L	Pass
2	0.164	53.73	10.09	65.26	11.53	Peak	L	Pass
2**	0.164	30.39	10.09	55.26	24.87	AV	L	Pass
3	0.230	44.16	10.05	62.45	18.29	Peak	L	Pass
3**	0.230	25.02	10.05	52.45	27.43	AV	L	Pass
4	0.312	42.90	10.05	59.92	17.02	Peak	L	Pass
4**	0.312	26.96	10.05	49.92	22.96	AV	L	Pass
5	1.546	39.13	10.49	56.00	16.87	Peak	L	Pass
5**	1.546	26.72	10.49	46.00	19.28	AV	L	Pass
6	16.166	42.90	12.91	60.00	17.10	Peak	L	Pass
6**	16.166	36.15	12.91	50.00	13.85	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	56.87	10.11	65.89	9.02	Peak	N	Pass
1**	0.152	29.16	10.11	55.89	26.73	AV	N	Pass
2	0.160	56.29	10.10	65.46	9.17	Peak	N	Pass
2**	0.160	31.18	10.10	55.46	24.28	AV	N	Pass
3	0.250	45.33	10.05	61.76	16.43	Peak	N	Pass
3**	0.250	28.44	10.05	51.76	23.32	AV	N	Pass
4	0.710	40.84	10.61	56.00	15.16	Peak	N	Pass
4**	0.710	23.52	10.61	46.00	22.48	AV	N	Pass
5	6.174	42.92	10.90	60.00	17.08	Peak	N	Pass
5**	6.174	34.15	10.90	50.00	15.85	AV	N	Pass
6	16.226	42.29	12.72	60.00	17.71	Peak	N	Pass
6**	16.226	35.11	12.72	50.00	14.89	AV	N	Pass

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

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

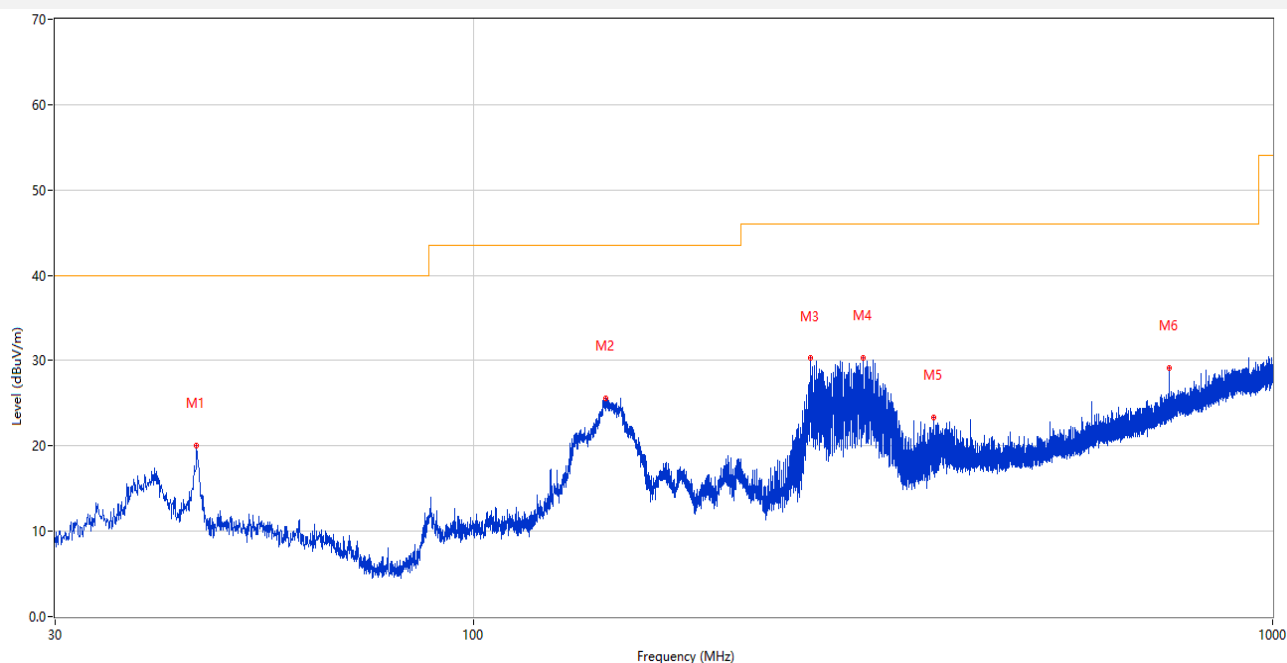
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

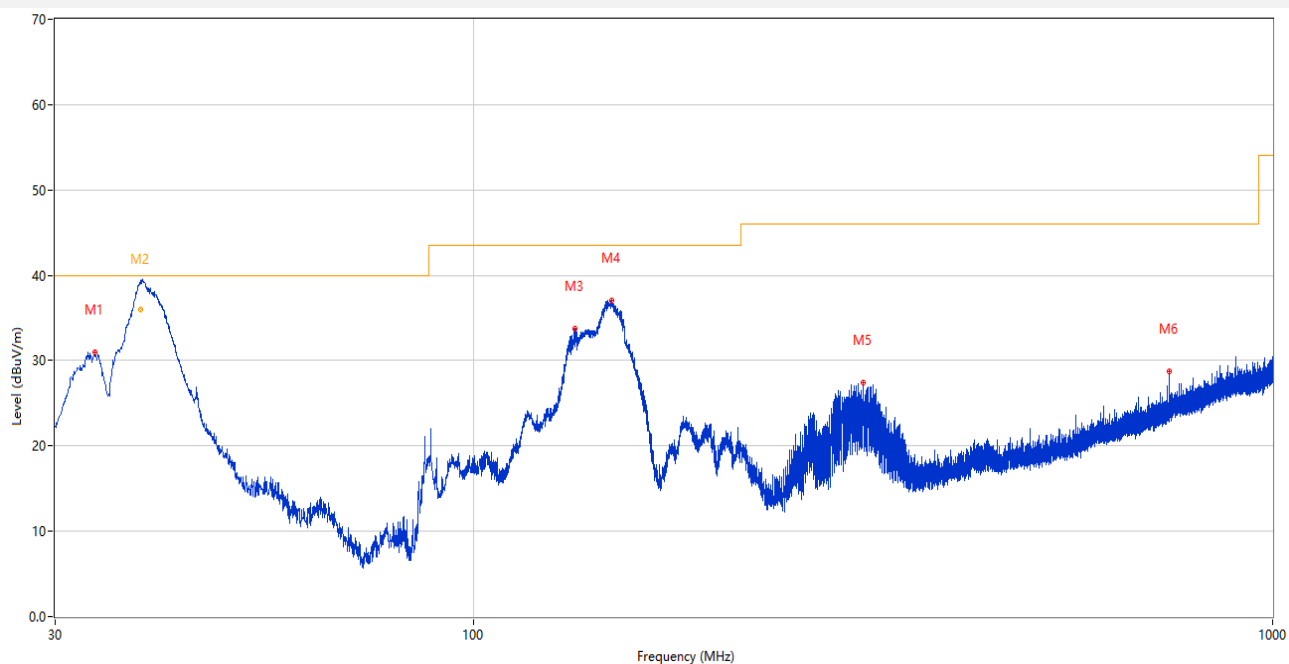
Test Data and Plots

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	45.035	20.04	-25.54	40.0	19.96	Peak	342.00	100	Horizontal	Pass
2	146.352	25.61	-30.23	43.5	17.89	Peak	243.00	200	Horizontal	Pass
3	264.110	30.26	-24.51	46.0	15.74	Peak	241.00	100	Horizontal	Pass
4	307.711	30.31	-23.50	46.0	15.69	Peak	51.00	100	Horizontal	Pass
5	376.726	23.29	-21.65	46.0	22.71	Peak	77.00	100	Horizontal	Pass
6	742.513	29.12	-13.04	46.0	16.88	Peak	29.00	200	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	33.638	30.95	-28.84	40.0	9.05	Peak	199.00	100	Vertical	Pass
2	38.382*	38.23	-27.06	40.0	1.77	Peak	199.00	101	Vertical	N/A
2*	38.382	36.03	-27.06	40.0	3.97	QP	199.00	101	Vertical	Pass
3	134.081	33.71	-29.99	43.5	9.79	Peak	307.00	100	Vertical	Pass
4	148.922	37.06	-30.05	43.5	6.44	Peak	253.00	100	Vertical	Pass
5	307.614	27.39	-23.50	46.0	18.61	Peak	293.00	200	Vertical	Pass
6	742.562	28.80	-13.04	46.0	17.20	Peak	224.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.900	39.58	-16.96	74.0	34.42	Peak	341.00	200	Horizontal	Pass
1**	1446.900	28.98	-16.96	54.0	25.02	AV	341.00	200	Horizontal	Pass
2	4394.750	47.00	-4.64	74.0	27.00	Peak	283.00	100	Horizontal	Pass
2**	4394.750	38.31	-4.64	54.0	15.69	AV	283.00	100	Horizontal	Pass
3	5182.500	103.57	-2.34	--	--	Peak	173.00	100	Horizontal	N/A
3**	5182.500	95.99	-2.34	--	--	AV	173.00	100	Horizontal	N/A
4	7702.750	53.89	1.18	74.0	20.11	Peak	222.00	400	Horizontal	Pass
4**	7702.750	44.27	1.18	54.0	9.73	AV	222.00	400	Horizontal	Pass
5	11785.750	52.92	-0.16	74.0	21.08	Peak	286.00	100	Horizontal	Pass
5**	11785.750	43.70	-0.16	54.0	10.30	AV	286.00	100	Horizontal	Pass
6	15895.012	54.78	1.99	74.0	19.22	Peak	115.00	300	Horizontal	Pass
6**	15895.012	45.81	1.99	54.0	8.19	AV	115.00	300	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	1452.800	38.85	-16.95	74.0	35.15	Peak	5.00	400	Vertical	Pass
1**	1452.800	28.86	-16.95	54.0	25.14	AV	5.00	400	Vertical	Pass
2	4239.000	47.24	-4.82	74.0	26.76	Peak	83.00	200	Vertical	Pass
2**	4239.000	38.53	-4.82	54.0	15.47	AV	83.00	200	Vertical	Pass
3	5183.000	90.02	-2.50	--	--	Peak	183.00	200	Vertical	N/A
3**	5183.000	82.87	-2.50	--	--	AV	183.00	200	Vertical	N/A
4	7426.000	54.12	1.40	74.0	19.88	Peak	144.00	400	Vertical	Pass
4**	7426.000	44.19	1.40	54.0	9.81	AV	144.00	400	Vertical	Pass
5	11609.287	52.45	-0.75	74.0	21.55	Peak	134.00	150	Vertical	Pass
5**	11609.287	42.13	-0.75	54.0	11.87	AV	134.00	150	Vertical	Pass
6	16144.125	54.51	2.10	74.0	19.49	Peak	125.00	100	Vertical	Pass
6**	16144.125	45.30	2.10	54.0	8.70	AV	125.00	100	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	1513.700	39.15	-16.82	74.0	34.85	Peak	106.00	100	Horizontal	Pass
1**	1513.700	29.48	-16.82	54.0	24.52	AV	106.00	100	Horizontal	Pass
2	4181.250	47.24	-5.54	74.0	26.76	Peak	305.00	200	Horizontal	Pass
2**	4181.250	36.87	-5.54	54.0	17.13	AV	305.00	200	Horizontal	Pass
3	5222.000	107.78	-2.99	--	--	Peak	142.00	100	Horizontal	N/A
3**	5222.000	99.68	-2.99	--	--	AV	142.00	100	Horizontal	N/A
4	7713.750	53.52	1.83	74.0	20.48	Peak	305.00	300	Horizontal	Pass
4**	7713.750	44.79	1.83	54.0	9.21	AV	305.00	300	Horizontal	Pass
5	12226.550	52.61	0.78	74.0	21.39	Peak	301.00	150	Horizontal	Pass
5**	12226.550	44.54	0.78	54.0	9.46	AV	301.00	150	Horizontal	Pass
6	16168.013	54.58	2.03	74.0	19.42	Peak	8.00	200	Horizontal	Pass
6**	16168.013	45.83	2.03	54.0	8.17	AV	8.00	200	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	1572.800	38.42	-16.97	74.0	35.58	Peak	360.00	400	Vertical	Pass
1**	1572.800	29.17	-16.97	54.0	24.83	AV	360.00	400	Vertical	Pass
2	4328.500	47.50	-5.30	74.0	26.50	Peak	242.00	200	Vertical	Pass
2**	4328.500	37.09	-5.30	54.0	16.91	AV	242.00	200	Vertical	Pass
3	5225.500	96.56	-3.34	--	--	Peak	58.00	200	Vertical	N/A
3**	5225.500	87.85	-3.34	--	--	AV	58.00	200	Vertical	N/A
4	7323.750	53.36	0.09	74.0	20.64	Peak	360.00	300	Vertical	Pass
4**	7323.750	42.56	0.09	54.0	11.44	AV	360.00	300	Vertical	Pass
5	11531.388	52.10	-1.00	74.0	21.90	Peak	196.00	100	Vertical	Pass
5**	11531.388	43.05	-1.00	54.0	10.95	AV	196.00	100	Vertical	Pass
6	16130.737	54.55	2.00	74.0	19.45	Peak	329.00	200	Vertical	Pass
6**	16130.737	46.37	2.00	54.0	7.63	AV	329.00	200	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	1613.900	38.30	-16.70	74.0	35.70	Peak	278.00	300	Horizontal	Pass
1**	1613.900	29.08	-16.70	54.0	24.92	AV	278.00	300	Horizontal	Pass
2	4263.500	46.70	-4.55	74.0	27.30	Peak	203.00	100	Horizontal	Pass
2**	4263.500	39.10	-4.55	54.0	14.90	AV	203.00	100	Horizontal	Pass
3	5234.250	108.32	-2.83	--	--	Peak	144.00	150	Horizontal	N/A
3**	5234.250	100.62	-2.83	--	--	AV	144.00	150	Horizontal	N/A
4	7709.750	53.37	1.76	74.0	20.63	Peak	1.00	100	Horizontal	Pass
4**	7709.750	44.73	1.76	54.0	9.27	AV	1.00	100	Horizontal	Pass
5	11703.812	53.18	-0.49	74.0	20.82	Peak	360.00	200	Horizontal	Pass
5**	11703.812	43.23	-0.49	54.0	10.77	AV	360.00	200	Horizontal	Pass
6	15893.701	54.64	1.98	74.0	19.36	Peak	215.00	100	Horizontal	Pass
6**	15893.701	45.57	1.98	54.0	8.43	AV	215.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.900	38.70	-16.85	74.0	35.30	Peak	79.00	300	Vertical	Pass
1**	1602.900	29.36	-16.85	54.0	24.64	AV	79.00	300	Vertical	Pass
2	4295.750	47.03	-5.09	74.0	26.97	Peak	360.00	200	Vertical	Pass
2**	4295.750	36.63	-5.09	54.0	17.37	AV	360.00	200	Vertical	Pass
3	5245.250	96.35	-3.08	--	--	Peak	44.00	200	Vertical	N/A
3**	5245.250	88.90	-3.08	--	--	AV	44.00	200	Vertical	N/A
4	7426.750	53.10	1.20	74.0	20.90	Peak	285.00	200	Vertical	Pass
4**	7426.750	44.10	1.20	54.0	9.90	AV	285.00	200	Vertical	Pass
5	12472.125	53.11	1.22	74.0	20.89	Peak	84.00	200	Vertical	Pass
5**	12472.125	42.86	1.22	54.0	11.14	AV	84.00	200	Vertical	Pass
6	16100.550	55.04	1.76	74.0	18.96	Peak	256.00	100	Vertical	Pass
6**	16100.550	45.68	1.76	54.0	8.32	AV	256.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	38.21	-17.18	74.0	35.79	Peak	0.00	100	Horizontal	Pass
1**	1437.800	28.55	-17.18	54.0	25.45	AV	0.00	100	Horizontal	Pass
2	4304.000	46.78	-5.11	74.0	27.22	Peak	22.00	200	Horizontal	Pass
2**	4304.000	37.38	-5.11	54.0	16.62	AV	22.00	200	Horizontal	Pass
3	5183.250	100.09	-2.28	--	--	Peak	143.00	100	Horizontal	N/A
3**	5183.250	92.25	-2.28	--	--	AV	143.00	100	Horizontal	N/A
4	7594.250	53.64	0.93	74.0	20.36	Peak	2.00	100	Horizontal	Pass
4**	7594.250	44.39	0.93	54.0	9.61	AV	2.00	100	Horizontal	Pass
5	12472.838	52.79	1.22	74.0	21.21	Peak	55.00	200	Horizontal	Pass
5**	12472.838	42.30	1.22	54.0	11.70	AV	55.00	200	Horizontal	Pass
6	16110.262	54.47	1.83	74.0	19.53	Peak	114.00	100	Horizontal	Pass
6**	16110.262	45.55	1.83	54.0	8.45	AV	114.00	100	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	1624.600	38.72	-16.96	74.0	35.28	Peak	313.00	200	Vertical	Pass
1**	1624.600	29.37	-16.96	54.0	24.63	AV	313.00	200	Vertical	Pass
2	4240.500	47.31	-5.03	74.0	26.69	Peak	222.00	100	Vertical	Pass
2**	4240.500	37.40	-5.03	54.0	16.60	AV	222.00	100	Vertical	Pass
3	5185.000	87.41	-2.34	--	--	Peak	181.00	100	Vertical	N/A
3**	5185.000	79.14	-2.34	--	--	AV	181.00	100	Vertical	N/A
4	7490.750	53.59	1.51	74.0	20.41	Peak	161.00	200	Vertical	Pass
4**	7490.750	44.58	1.51	54.0	9.42	AV	161.00	200	Vertical	Pass
5	11758.675	52.99	-0.19	74.0	21.01	Peak	109.00	100	Vertical	Pass
5**	11758.675	43.47	-0.19	54.0	10.53	AV	109.00	100	Vertical	Pass
6	15901.838	54.66	2.00	74.0	19.34	Peak	337.00	200	Vertical	Pass
6**	15901.838	45.71	2.00	54.0	8.29	AV	337.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.100	38.58	-17.26	74.0	35.42	Peak	96.00	100	Horizontal	Pass
1**	1552.100	28.51	-17.26	54.0	25.49	AV	96.00	100	Horizontal	Pass
2	4319.000	46.90	-4.99	74.0	27.10	Peak	341.00	200	Horizontal	Pass
2**	4319.000	37.93	-4.99	54.0	16.07	AV	341.00	200	Horizontal	Pass
3	5222.250	108.10	-2.99	--	--	Peak	156.00	150	Horizontal	N/A
3**	5222.250	100.12	-2.99	--	--	AV	156.00	150	Horizontal	N/A
4	7721.000	53.41	0.98	74.0	20.59	Peak	63.00	400	Horizontal	Pass
4**	7721.000	44.30	0.98	54.0	9.70	AV	63.00	400	Horizontal	Pass
5	11796.912	52.78	-0.15	74.0	21.22	Peak	23.00	150	Horizontal	Pass
5**	11796.912	44.34	-0.15	54.0	9.66	AV	23.00	150	Horizontal	Pass
6	16080.862	55.14	1.50	74.0	18.86	Peak	131.00	200	Horizontal	Pass
6**	16080.862	45.57	1.50	54.0	8.43	AV	131.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.900	38.08	-16.88	74.0	35.92	Peak	313.00	200	Vertical	Pass
1**	1593.900	28.97	-16.88	54.0	25.03	AV	313.00	200	Vertical	Pass
2	4254.750	47.11	-4.18	74.0	26.89	Peak	216.00	400	Vertical	Pass
2**	4254.750	37.56	-4.18	54.0	16.44	AV	216.00	400	Vertical	Pass
3	5217.000	95.50	-2.95	--	--	Peak	265.00	200	Vertical	N/A
3**	5217.000	86.74	-2.95	--	--	AV	265.00	200	Vertical	N/A
4	7715.000	53.29	1.54	74.0	20.71	Peak	0.00	400	Vertical	Pass
4**	7715.000	44.65	1.54	54.0	9.35	AV	0.00	400	Vertical	Pass
5	11754.875	52.69	-0.19	74.0	21.31	Peak	360.00	150	Vertical	Pass
5**	11754.875	43.54	-0.19	54.0	10.46	AV	360.00	150	Vertical	Pass
6	15937.537	54.37	1.37	74.0	19.63	Peak	339.00	400	Vertical	Pass
6**	15937.537	44.67	1.37	54.0	9.33	AV	339.00	400	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	1450.800	38.13	-16.91	74.0	35.87	Peak	33.00	300	Horizontal	Pass
1**	1450.800	28.52	-16.91	54.0	25.48	AV	33.00	300	Horizontal	Pass
2	4025.000	46.83	-5.88	74.0	27.17	Peak	142.00	300	Horizontal	Pass
2**	4025.000	37.26	-5.88	54.0	16.74	AV	142.00	300	Horizontal	Pass
3	5233.000	108.91	-2.98	--	--	Peak	142.00	100	Horizontal	N/A
3**	5233.000	100.23	-2.98	--	--	AV	142.00	100	Horizontal	N/A
4	7488.000	53.17	1.53	74.0	20.83	Peak	42.00	100	Horizontal	Pass
4**	7488.000	43.78	1.53	54.0	10.22	AV	42.00	100	Horizontal	Pass
5	11766.988	53.31	-0.18	74.0	20.69	Peak	187.00	150	Horizontal	Pass
5**	11766.988	44.80	-0.18	54.0	9.20	AV	187.00	150	Horizontal	Pass
6	16090.838	54.76	1.63	74.0	19.24	Peak	57.00	300	Horizontal	Pass
6**	16090.838	45.15	1.63	54.0	8.85	AV	57.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.700	38.15	-16.96	74.0	35.85	Peak	213.00	400	Vertical	Pass
1**	1572.700	28.72	-16.96	54.0	25.28	AV	213.00	400	Vertical	Pass
2	4151.500	47.52	-5.79	74.0	26.48	Peak	0.00	300	Vertical	Pass
2**	4151.500	38.10	-5.79	54.0	15.90	AV	0.00	300	Vertical	Pass
3	5235.250	96.30	-2.86	--	--	Peak	60.00	150	Vertical	N/A
3**	5235.250	89.11	-2.86	--	--	AV	60.00	150	Vertical	N/A
4	7709.250	53.79	1.90	74.0	20.21	Peak	283.00	200	Vertical	Pass
4**	7709.250	45.04	1.90	54.0	8.96	AV	283.00	200	Vertical	Pass
5	12543.612	52.73	1.19	74.0	21.27	Peak	71.00	150	Vertical	Pass
5**	12543.612	43.55	1.19	54.0	10.45	AV	71.00	150	Vertical	Pass
6	16087.950	54.32	1.59	74.0	19.68	Peak	269.00	200	Vertical	Pass
6**	16087.950	46.39	1.59	54.0	7.61	AV	269.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.700	38.77	-17.09	74.0	35.23	Peak	234.00	200	Horizontal	Pass
1**	1503.700	28.63	-17.09	54.0	25.37	AV	234.00	200	Horizontal	Pass
2	4254.000	46.83	-4.29	74.0	27.17	Peak	0.00	400	Horizontal	Pass
2**	4254.000	37.62	-4.29	54.0	16.38	AV	0.00	400	Horizontal	Pass
3	5175.250	99.29	-2.80	--	--	Peak	144.00	150	Horizontal	N/A
3**	5175.250	90.16	-2.80	--	--	AV	144.00	150	Horizontal	N/A
4	7410.750	53.85	0.86	74.0	20.15	Peak	344.00	300	Horizontal	Pass
4**	7410.750	44.86	0.86	54.0	9.14	AV	344.00	300	Horizontal	Pass
5	11744.187	52.75	-0.23	74.0	21.25	Peak	64.00	100	Horizontal	Pass
5**	11744.187	42.88	-0.23	54.0	11.12	AV	64.00	100	Horizontal	Pass
6	16102.388	54.73	1.77	74.0	19.27	Peak	118.00	400	Horizontal	Pass
6**	16102.388	46.64	1.77	54.0	7.36	AV	118.00	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	1474.700	38.38	-17.16	74.0	35.62	Peak	234.00	400	Vertical	Pass
1**	1474.700	29.51	-17.16	54.0	24.49	AV	234.00	400	Vertical	Pass
2	4309.250	47.81	-4.93	74.0	26.19	Peak	42.00	200	Vertical	Pass
2**	4309.250	37.34	-4.93	54.0	16.66	AV	42.00	200	Vertical	Pass
3	5184.250	87.11	-2.43	--	--	Peak	203.00	200	Vertical	N/A
3**	5184.250	79.42	-2.43	--	--	AV	203.00	200	Vertical	N/A
4	7686.000	53.59	1.48	74.0	20.41	Peak	0.00	400	Vertical	Pass
4**	7686.000	44.59	1.48	54.0	9.41	AV	0.00	400	Vertical	Pass
5	12484.950	52.60	1.32	74.0	21.40	Peak	230.00	150	Vertical	Pass
5**	12484.950	42.68	1.32	54.0	11.32	AV	230.00	150	Vertical	Pass
6	15901.838	54.29	2.00	74.0	19.71	Peak	89.00	100	Vertical	Pass
6**	15901.838	45.39	2.00	54.0	8.61	AV	89.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.800	38.62	-16.95	74.0	35.38	Peak	151.00	200	Horizontal	Pass
1**	1487.800	28.91	-16.95	54.0	25.09	AV	151.00	200	Horizontal	Pass
2	4285.750	47.29	-4.37	74.0	26.71	Peak	5.00	300	Horizontal	Pass
2**	4285.750	38.47	-4.37	54.0	15.53	AV	5.00	300	Horizontal	Pass
3	5223.750	106.21	-3.11	--	--	Peak	146.00	150	Horizontal	N/A
3**	5223.750	98.67	-3.11	--	--	AV	146.00	150	Horizontal	N/A
4	7723.500	53.73	0.89	74.0	20.27	Peak	305.00	100	Horizontal	Pass
4**	7723.500	44.48	0.89	54.0	9.52	AV	305.00	100	Horizontal	Pass
5	12220.375	52.38	0.69	74.0	21.62	Peak	360.00	100	Horizontal	Pass
5**	12220.375	42.99	0.69	54.0	11.01	AV	360.00	100	Horizontal	Pass
6	16100.813	55.13	1.76	74.0	18.87	Peak	44.00	100	Horizontal	Pass
6**	16100.813	45.46	1.76	54.0	8.54	AV	44.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.600	38.59	-16.82	74.0	35.41	Peak	320.00	200	Vertical	Pass
1**	1531.600	29.47	-16.82	54.0	24.53	AV	320.00	200	Vertical	Pass
2	4127.250	47.77	-5.31	74.0	26.23	Peak	81.00	100	Vertical	Pass
2**	4127.250	37.24	-5.31	54.0	16.76	AV	81.00	100	Vertical	Pass
3	5222.500	93.28	-3.05	--	--	Peak	62.00	200	Vertical	N/A
3**	5222.500	87.16	-3.05	--	--	AV	62.00	200	Vertical	N/A
4	7687.000	53.29	1.20	74.0	20.71	Peak	142.00	300	Vertical	Pass
4**	7687.000	44.51	1.20	54.0	9.49	AV	142.00	300	Vertical	Pass
5	12227.262	53.29	0.79	74.0	20.71	Peak	62.00	150	Vertical	Pass
5**	12227.262	42.86	0.79	54.0	11.14	AV	62.00	150	Vertical	Pass
6	16120.237	54.64	1.91	74.0	19.36	Peak	200.00	400	Vertical	Pass
6**	16120.237	45.04	1.91	54.0	8.96	AV	200.00	400	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	1596.100	38.41	-17.25	74.0	35.59	Peak	360.00	300	Horizontal	Pass
1**	1596.100	28.36	-17.25	54.0	25.64	AV	360.00	300	Horizontal	Pass
2	4309.000	46.97	-5.14	74.0	27.03	Peak	23.00	200	Horizontal	Pass
2**	4309.000	38.27	-5.14	54.0	15.73	AV	23.00	200	Horizontal	Pass
3	5185.000	103.42	-2.34	--	--	Peak	163.00	100	Horizontal	N/A
3**	5185.000	94.97	-2.34	--	--	AV	163.00	100	Horizontal	N/A
4	7711.000	53.11	1.81	74.0	20.89	Peak	324.00	200	Horizontal	Pass
4**	7711.000	44.76	1.81	54.0	9.24	AV	324.00	200	Horizontal	Pass
5	12520.100	52.75	1.32	74.0	21.25	Peak	215.00	150	Horizontal	Pass
5**	12520.100	44.48	1.32	54.0	9.52	AV	215.00	150	Horizontal	Pass
6	16062.750	54.96	1.26	74.0	19.04	Peak	325.00	300	Horizontal	Pass
6**	16062.750	45.44	1.26	54.0	8.56	AV	325.00	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	1612.900	38.30	-16.63	74.0	35.70	Peak	286.00	400	Vertical	Pass
1**	1612.900	29.06	-16.63	54.0	24.94	AV	286.00	400	Vertical	Pass
2	4294.000	47.36	-4.73	74.0	26.64	Peak	61.00	200	Vertical	Pass
2**	4294.000	37.70	-4.73	54.0	16.30	AV	61.00	200	Vertical	Pass
3	5185.000	90.42	-2.34	--	--	Peak	264.00	150	Vertical	N/A
3**	5185.000	82.81	-2.34	--	--	AV	264.00	150	Vertical	N/A
4	7712.000	53.86	1.91	74.0	20.14	Peak	163.00	100	Vertical	Pass
4**	7712.000	44.64	1.91	54.0	9.36	AV	163.00	100	Vertical	Pass
5	12559.762	52.29	0.98	74.0	21.71	Peak	113.00	200	Vertical	Pass
5**	12559.762	42.51	0.98	54.0	11.49	AV	113.00	200	Vertical	Pass
6	15656.401	54.89	2.07	74.0	19.11	Peak	322.00	100	Vertical	Pass
6**	15656.401	45.09	2.07	54.0	8.91	AV	322.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	38.26	-17.23	74.0	35.74	Peak	0.00	100	Horizontal	Pass
1**	1493.100	28.03	-17.23	54.0	25.97	AV	0.00	100	Horizontal	Pass
2	4332.500	47.32	-4.91	74.0	26.68	Peak	26.00	100	Horizontal	Pass
2**	4332.500	37.31	-4.91	54.0	16.69	AV	26.00	100	Horizontal	Pass
3	5224.000	107.86	-3.20	--	--	Peak	163.00	100	Horizontal	N/A
3**	5224.000	100.28	-3.20	--	--	AV	163.00	100	Horizontal	N/A
4	7707.000	54.22	1.71	74.0	19.78	Peak	119.00	300	Horizontal	Pass
4**	7707.000	44.53	1.71	54.0	9.47	AV	119.00	300	Horizontal	Pass
5	11796.912	53.24	-0.15	74.0	20.76	Peak	70.00	150	Horizontal	Pass
5**	11796.912	43.69	-0.15	54.0	10.31	AV	70.00	150	Horizontal	Pass
6	15928.088	54.75	1.54	74.0	19.25	Peak	278.00	400	Horizontal	Pass
6**	15928.088	45.16	1.54	54.0	8.84	AV	278.00	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	1436.500	38.52	-17.06	74.0	35.48	Peak	43.00	100	Vertical	Pass
1**	1436.500	29.14	-17.06	54.0	24.86	AV	43.00	100	Vertical	Pass
2	4280.750	47.18	-4.71	74.0	26.82	Peak	339.00	300	Vertical	Pass
2**	4280.750	37.49	-4.71	54.0	16.51	AV	339.00	300	Vertical	Pass
3	5224.500	95.89	-3.24	--	--	Peak	46.00	200	Vertical	N/A
3**	5224.500	89.80	-3.24	--	--	AV	46.00	200	Vertical	N/A
4	7423.250	53.42	1.41	74.0	20.58	Peak	0.00	300	Vertical	Pass
4**	7423.250	44.36	1.41	54.0	9.64	AV	0.00	300	Vertical	Pass
5	12452.888	52.41	1.06	74.0	21.59	Peak	299.00	200	Vertical	Pass
5**	12452.888	42.94	1.06	54.0	11.06	AV	299.00	200	Vertical	Pass
6	16089.525	55.07	1.61	74.0	18.93	Peak	242.00	200	Vertical	Pass
6**	16089.525	45.11	1.61	54.0	8.89	AV	242.00	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	1614.300	39.05	-16.99	74.0	34.95	Peak	261.00	200	Horizontal	Pass
1**	1614.300	29.40	-16.99	54.0	24.60	AV	261.00	200	Horizontal	Pass
2	4257.000	47.14	-4.04	74.0	26.86	Peak	222.00	100	Horizontal	Pass
2**	4257.000	37.81	-4.04	54.0	16.19	AV	222.00	100	Horizontal	Pass
3	5242.250	107.88	-3.05	--	--	Peak	183.00	150	Horizontal	N/A
3**	5242.250	99.68	-3.05	--	--	AV	183.00	150	Horizontal	N/A
4	7611.500	53.75	0.07	74.0	20.25	Peak	20.00	400	Horizontal	Pass
4**	7611.500	44.14	0.07	54.0	9.86	AV	20.00	400	Horizontal	Pass
5	12545.512	52.86	1.18	74.0	21.14	Peak	12.00	200	Horizontal	Pass
5**	12545.512	41.91	1.18	54.0	12.09	AV	12.00	200	Horizontal	Pass
6	16072.200	54.46	1.38	74.0	19.54	Peak	165.00	300	Horizontal	Pass
6**	16072.200	44.84	1.38	54.0	9.16	AV	165.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.100	38.57	-16.67	74.0	35.43	Peak	178.00	200	Vertical	Pass
1**	1531.100	29.49	-16.67	54.0	24.51	AV	178.00	200	Vertical	Pass
2	4145.500	47.03	-5.70	74.0	26.97	Peak	324.00	100	Vertical	Pass
2**	4145.500	37.13	-5.70	54.0	16.87	AV	324.00	100	Vertical	Pass
3	5244.500	97.53	-3.18	--	--	Peak	40.00	150	Vertical	N/A
3**	5244.500	88.62	-3.18	--	--	AV	40.00	150	Vertical	N/A
4	7689.250	54.80	1.23	74.0	19.20	Peak	203.00	200	Vertical	Pass
4**	7689.250	44.88	1.23	54.0	9.12	AV	203.00	200	Vertical	Pass
5	11750.600	53.14	-0.20	74.0	20.86	Peak	305.00	200	Vertical	Pass
5**	11750.600	44.74	-0.20	54.0	9.26	AV	305.00	200	Vertical	Pass
6	15905.250	55.00	1.94	74.0	19.00	Peak	286.00	400	Vertical	Pass
6**	15905.250	45.24	1.94	54.0	8.76	AV	286.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.900	38.45	-16.91	74.0	35.55	Peak	218.00	100	Horizontal	Pass
1**	1443.900	28.97	-16.91	54.0	25.03	AV	218.00	100	Horizontal	Pass
2	4232.000	47.94	-5.13	74.0	26.06	Peak	266.00	400	Horizontal	Pass
2**	4232.000	36.95	-5.13	54.0	17.05	AV	266.00	400	Horizontal	Pass
3	5205.500	98.44	-2.35	--	--	Peak	166.00	150	Horizontal	N/A
3**	5205.500	90.45	-2.35	--	--	AV	166.00	150	Horizontal	N/A
4	7699.750	53.70	1.14	74.0	20.30	Peak	166.00	300	Horizontal	Pass
4**	7699.750	45.01	1.14	54.0	8.99	AV	166.00	300	Horizontal	Pass
5	12431.037	52.67	1.06	74.0	21.33	Peak	230.00	150	Horizontal	Pass
5**	12431.037	42.33	1.06	54.0	11.67	AV	230.00	150	Horizontal	Pass
6	16101.338	54.58	1.76	74.0	19.42	Peak	360.00	200	Horizontal	Pass
6**	16101.338	45.08	1.76	54.0	8.92	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	38.28	-16.89	74.0	35.72	Peak	191.00	300	Vertical	Pass
1**	1497.500	29.21	-16.89	54.0	24.79	AV	191.00	300	Vertical	Pass
2	4293.000	47.90	-4.85	74.0	26.10	Peak	346.00	400	Vertical	Pass
2**	4293.000	37.57	-4.85	54.0	16.43	AV	346.00	400	Vertical	Pass
3	5201.000	85.90	-2.54	--	--	Peak	186.00	200	Vertical	N/A
3**	5201.000	77.59	-2.54	--	--	AV	186.00	200	Vertical	N/A
4	7700.750	53.81	0.97	74.0	20.19	Peak	27.00	300	Vertical	Pass
4**	7700.750	45.73	0.97	54.0	8.27	AV	27.00	300	Vertical	Pass
5	11611.900	52.24	-0.78	74.0	21.76	Peak	142.00	200	Vertical	Pass
5**	11611.900	42.36	-0.78	54.0	11.64	AV	142.00	200	Vertical	Pass
6	15933.338	54.56	1.45	74.0	19.44	Peak	229.00	400	Vertical	Pass
6**	15933.338	45.51	1.45	54.0	8.49	AV	229.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.100	39.00	-17.00	74.0	35.00	Peak	0.00	100	Horizontal	Pass
1**	1483.100	29.07	-17.00	54.0	24.93	AV	0.00	100	Horizontal	Pass
2	4395.000	46.97	-4.84	74.0	27.03	Peak	186.00	200	Horizontal	Pass
2**	4395.000	37.32	-4.84	54.0	16.68	AV	186.00	200	Horizontal	Pass
3	5219.750	104.79	-2.97	--	--	Peak	147.00	100	Horizontal	N/A
3**	5219.750	96.53	-2.97	--	--	AV	147.00	100	Horizontal	N/A
4	7748.750	53.34	0.33	74.0	20.66	Peak	47.00	200	Horizontal	Pass
4**	7748.750	43.40	0.33	54.0	10.60	AV	47.00	200	Horizontal	Pass
5	12019.450	52.47	0.20	74.0	21.53	Peak	298.00	150	Horizontal	Pass
5**	12019.450	42.46	0.20	54.0	11.54	AV	298.00	150	Horizontal	Pass
6	16141.763	54.69	2.09	74.0	19.31	Peak	127.00	400	Horizontal	Pass
6**	16141.763	45.14	2.09	54.0	8.86	AV	127.00	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	1605.000	38.26	-16.61	74.0	35.74	Peak	346.00	400	Vertical	Pass
1**	1605.000	29.19	-16.61	54.0	24.81	AV	346.00	400	Vertical	Pass
2	4345.500	46.86	-4.71	74.0	27.14	Peak	0.00	200	Vertical	Pass
2**	4345.500	38.42	-4.71	54.0	15.58	AV	0.00	200	Vertical	Pass
3	5227.750	92.90	-3.16	--	--	Peak	64.00	200	Vertical	N/A
3**	5227.750	85.78	-3.16	--	--	AV	64.00	200	Vertical	N/A
4	7455.500	53.79	0.50	74.0	20.21	Peak	326.00	100	Vertical	Pass
4**	7455.500	43.87	0.50	54.0	10.13	AV	326.00	100	Vertical	Pass
5	12535.537	52.70	1.23	74.0	21.30	Peak	34.00	150	Vertical	Pass
5**	12535.537	42.54	1.23	54.0	11.46	AV	34.00	150	Vertical	Pass
6	15401.250	54.63	2.94	74.0	19.37	Peak	310.00	400	Vertical	Pass
6**	15401.250	43.97	2.94	54.0	10.03	AV	310.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.600	38.86	-16.97	74.0	35.14	Peak	156.00	300	Horizontal	Pass
1**	1504.600	28.84	-16.97	54.0	25.16	AV	156.00	300	Horizontal	Pass
2	4278.750	46.84	-5.05	74.0	27.16	Peak	127.00	100	Horizontal	Pass
2**	4278.750	37.27	-5.05	54.0	16.73	AV	127.00	100	Horizontal	Pass
3	5227.500	94.27	-3.23	--	--	Peak	148.00	100	Horizontal	N/A
3**	5227.500	86.70	-3.23	--	--	AV	148.00	100	Horizontal	N/A
4	7362.000	53.63	0.82	74.0	20.37	Peak	66.00	400	Horizontal	Pass
4**	7362.000	43.67	0.82	54.0	10.33	AV	66.00	400	Horizontal	Pass
5	11595.513	52.52	-0.67	74.0	21.48	Peak	119.00	150	Horizontal	Pass
5**	11595.513	42.22	-0.67	54.0	11.78	AV	119.00	150	Horizontal	Pass
6	15913.912	54.50	1.79	74.0	19.50	Peak	30.00	400	Horizontal	Pass
6**	15913.912	45.06	1.79	54.0	8.94	AV	30.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.200	38.69	-17.06	74.0	35.31	Peak	193.00	200	Vertical	Pass
1**	1477.200	29.01	-17.06	54.0	24.99	AV	193.00	200	Vertical	Pass
2	3603.500	47.52	-6.32	74.0	26.48	Peak	9.00	300	Vertical	Pass
2**	3603.500	36.68	-6.32	54.0	17.32	AV	9.00	300	Vertical	Pass
3	5229.750	81.76	-3.04	--	--	Peak	48.00	100	Vertical	N/A
3**	5229.750	73.53	-3.04	--	--	AV	48.00	100	Vertical	N/A
4	7426.250	53.48	1.29	74.0	20.52	Peak	107.00	300	Vertical	Pass
4**	7426.250	44.11	1.29	54.0	9.89	AV	107.00	300	Vertical	Pass
5	12371.188	52.98	0.96	74.0	21.02	Peak	248.00	100	Vertical	Pass
5**	12371.188	42.29	0.96	54.0	11.71	AV	248.00	100	Vertical	Pass
6	15909.450	54.61	1.86	74.0	19.39	Peak	139.00	400	Vertical	Pass
6**	15909.450	45.60	1.86	54.0	8.40	AV	139.00	400	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	1455.300	38.42	-17.10	74.0	35.58	Peak	75.00	100	Horizontal	Pass
1**	1455.300	28.71	-17.10	54.0	25.29	AV	75.00	100	Horizontal	Pass
2	4166.750	47.49	-5.42	74.0	26.51	Peak	61.00	200	Horizontal	Pass
2**	4166.750	37.14	-5.42	54.0	16.86	AV	61.00	200	Horizontal	Pass
3	5265.000	108.00	-2.76	--	--	Peak	142.00	150	Horizontal	N/A
3**	5265.000	100.46	-2.76	--	--	AV	142.00	150	Horizontal	N/A
4	7707.500	53.70	1.49	74.0	20.30	Peak	224.00	400	Horizontal	Pass
4**	7707.500	44.37	1.49	54.0	9.63	AV	224.00	400	Horizontal	Pass
5	12423.200	52.80	1.07	74.0	21.20	Peak	70.00	100	Horizontal	Pass
5**	12423.200	44.52	1.07	54.0	9.48	AV	70.00	100	Horizontal	Pass
6	16112.625	54.53	1.85	74.0	19.47	Peak	249.00	400	Horizontal	Pass
6**	16112.625	45.79	1.85	54.0	8.21	AV	249.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.400	38.07	-17.07	74.0	35.93	Peak	11.00	300	Vertical	Pass
1**	1595.400	28.59	-17.07	54.0	25.41	AV	11.00	300	Vertical	Pass
2	4331.750	47.21	-4.61	74.0	26.79	Peak	96.00	100	Vertical	Pass
2**	4331.750	37.66	-4.61	54.0	16.34	AV	96.00	100	Vertical	Pass
3	5254.250	96.02	-2.88	--	--	Peak	193.00	100	Vertical	N/A
3**	5254.250	87.64	-2.88	--	--	AV	193.00	100	Vertical	N/A
4	7600.000	53.31	0.78	74.0	20.69	Peak	96.00	100	Vertical	Pass
4**	7600.000	44.20	0.78	54.0	9.80	AV	96.00	100	Vertical	Pass
5	12223.462	52.78	0.73	74.0	21.22	Peak	60.00	100	Vertical	Pass
5**	12223.462	42.96	0.73	54.0	11.04	AV	60.00	100	Vertical	Pass
6	16126.800	54.62	1.97	74.0	19.38	Peak	62.00	400	Vertical	Pass
6**	16126.800	45.02	1.97	54.0	8.98	AV	62.00	400	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	1487.300	38.80	-17.01	74.0	35.20	Peak	192.00	400	Horizontal	Pass
1**	1487.300	28.32	-17.01	54.0	25.68	AV	192.00	400	Horizontal	Pass
2	4267.250	47.40	-4.82	74.0	26.60	Peak	64.00	400	Horizontal	Pass
2**	4267.250	38.10	-4.82	54.0	15.90	AV	64.00	400	Horizontal	Pass
3	5298.500	107.93	-2.84	--	--	Peak	185.00	100	Horizontal	N/A
3**	5298.500	100.20	-2.84	--	--	AV	185.00	100	Horizontal	N/A
4	7710.250	54.11	1.90	74.0	19.89	Peak	0.00	400	Horizontal	Pass
4**	7710.250	45.18	1.90	54.0	8.82	AV	0.00	400	Horizontal	Pass
5	11798.338	52.87	-0.15	74.0	21.13	Peak	74.00	200	Horizontal	Pass
5**	11798.338	43.23	-0.15	54.0	10.77	AV	74.00	200	Horizontal	Pass
6	16096.349	54.70	1.70	74.0	19.30	Peak	0.00	400	Horizontal	Pass
6**	16096.349	46.36	1.70	54.0	7.64	AV	0.00	400	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	1513.000	38.81	-16.87	74.0	35.19	Peak	346.00	200	Vertical	Pass
1**	1513.000	28.96	-16.87	54.0	25.04	AV	346.00	200	Vertical	Pass
2	4292.250	46.60	-4.60	74.0	27.40	Peak	127.00	300	Vertical	Pass
2**	4292.250	37.69	-4.60	54.0	16.31	AV	127.00	300	Vertical	Pass
3	5301.500	97.04	-2.76	--	--	Peak	26.00	150	Vertical	N/A
3**	5301.500	88.98	-2.76	--	--	AV	26.00	150	Vertical	N/A
4	7687.500	53.48	1.11	74.0	20.52	Peak	186.00	200	Vertical	Pass
4**	7687.500	44.14	1.11	54.0	9.86	AV	186.00	200	Vertical	Pass
5	11800.475	53.12	-0.15	74.0	20.88	Peak	300.00	100	Vertical	Pass
5**	11800.475	44.18	-0.15	54.0	9.82	AV	300.00	100	Vertical	Pass
6	16147.537	54.43	2.13	74.0	19.57	Peak	3.00	300	Vertical	Pass
6**	16147.537	45.03	2.13	54.0	8.97	AV	3.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.500	38.67	-17.05	74.0	35.33	Peak	94.00	400	Horizontal	Pass
1**	1599.500	29.97	-17.05	54.0	24.03	AV	94.00	400	Horizontal	Pass
2	4241.000	46.97	-4.75	74.0	27.03	Peak	204.00	400	Horizontal	Pass
2**	4241.000	38.43	-4.75	54.0	15.57	AV	204.00	400	Horizontal	Pass
3	5323.750	103.62	-2.68	--	--	Peak	141.00	100	Horizontal	N/A
3**	5323.750	95.51	-2.68	--	--	AV	141.00	100	Horizontal	N/A
4	7677.250	53.97	0.97	74.0	20.03	Peak	82.00	200	Horizontal	Pass
4**	7677.250	44.48	0.97	54.0	9.52	AV	82.00	200	Horizontal	Pass
5	11788.838	52.72	-0.16	74.0	21.28	Peak	360.00	150	Horizontal	Pass
5**	11788.838	43.60	-0.16	54.0	10.40	AV	360.00	150	Horizontal	Pass
6	15887.662	54.55	1.93	74.0	19.45	Peak	14.00	400	Horizontal	Pass
6**	15887.662	45.03	1.93	54.0	8.97	AV	14.00	400	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	1622.600	38.27	-17.19	74.0	35.73	Peak	130.00	400	Vertical	Pass
1**	1622.600	28.76	-17.19	54.0	25.24	AV	130.00	400	Vertical	Pass
2	4321.000	47.77	-4.84	74.0	26.23	Peak	0.00	300	Vertical	Pass
2**	4321.000	37.61	-4.84	54.0	16.39	AV	0.00	300	Vertical	Pass
3	5323.500	92.69	-2.83	--	--	Peak	209.00	200	Vertical	N/A
3**	5323.500	85.40	-2.83	--	--	AV	209.00	200	Vertical	N/A
4	7685.750	54.30	1.54	74.0	19.70	Peak	48.00	200	Vertical	Pass
4**	7685.750	44.95	1.54	54.0	9.05	AV	48.00	200	Vertical	Pass
5	11797.862	52.67	-0.15	74.0	21.33	Peak	218.00	150	Vertical	Pass
5**	11797.862	43.07	-0.15	54.0	10.93	AV	218.00	150	Vertical	Pass
6	16121.550	55.70	1.92	74.0	18.30	Peak	172.00	300	Vertical	Pass
6**	16121.550	45.74	1.92	54.0	8.26	AV	172.00	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	1458.200	38.37	-17.04	74.0	35.63	Peak	184.00	100	Horizontal	Pass
1**	1458.200	28.91	-17.04	54.0	25.09	AV	184.00	100	Horizontal	Pass
2	4341.500	46.68	-4.86	74.0	27.32	Peak	64.00	400	Horizontal	Pass
2**	4341.500	38.62	-4.86	54.0	15.38	AV	64.00	400	Horizontal	Pass
3	5263.250	108.08	-2.94	--	--	Peak	164.00	200	Horizontal	N/A
3**	5263.250	100.50	-2.94	--	--	AV	164.00	200	Horizontal	N/A
4	7623.500	53.67	0.27	74.0	20.33	Peak	0.00	400	Horizontal	Pass
4**	7623.500	43.38	0.27	54.0	10.62	AV	0.00	400	Horizontal	Pass
5	11811.637	52.77	-0.28	74.0	21.23	Peak	26.00	100	Horizontal	Pass
5**	11811.637	43.43	-0.28	54.0	10.57	AV	26.00	100	Horizontal	Pass
6	16129.424	54.80	1.99	74.0	19.20	Peak	229.00	400	Horizontal	Pass
6**	16129.424	45.27	1.99	54.0	8.73	AV	229.00	400	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	1456.600	38.73	-17.14	74.0	35.27	Peak	291.00	400	Vertical	Pass
1**	1456.600	28.44	-17.14	54.0	25.56	AV	291.00	400	Vertical	Pass
2	4205.500	47.02	-5.21	74.0	26.98	Peak	74.00	300	Vertical	Pass
2**	4205.500	37.64	-5.21	54.0	16.36	AV	74.00	300	Vertical	Pass
3	5257.250	95.42	-3.17	--	--	Peak	300.00	150	Vertical	N/A
3**	5257.250	87.61	-3.17	--	--	AV	300.00	150	Vertical	N/A
4	7705.250	53.70	2.03	74.0	20.30	Peak	122.00	300	Vertical	Pass
4**	7705.250	45.31	2.03	54.0	8.69	AV	122.00	300	Vertical	Pass
5	11751.788	52.60	-0.19	74.0	21.40	Peak	170.00	200	Vertical	Pass
5**	11751.788	43.59	-0.19	54.0	10.41	AV	170.00	200	Vertical	Pass
6	15661.912	55.16	2.01	74.0	18.84	Peak	188.00	400	Vertical	Pass
6**	15661.912	44.22	2.01	54.0	9.78	AV	188.00	400	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	1551.700	38.37	-17.15	74.0	35.63	Peak	324.00	300	Horizontal	Pass
1**	1551.700	28.73	-17.15	54.0	25.27	AV	324.00	300	Horizontal	Pass
2	4258.000	47.21	-4.28	74.0	26.79	Peak	144.00	200	Horizontal	Pass
2**	4258.000	37.99	-4.28	54.0	16.01	AV	144.00	200	Horizontal	Pass
3	5297.750	108.46	-2.79	--	--	Peak	163.00	150	Horizontal	N/A
3**	5297.750	100.33	-2.79	--	--	AV	163.00	150	Horizontal	N/A
4	7709.250	53.82	1.90	74.0	20.18	Peak	103.00	100	Horizontal	Pass
4**	7709.250	44.73	1.90	54.0	9.27	AV	103.00	100	Horizontal	Pass
5	12210.638	52.79	0.55	74.0	21.21	Peak	50.00	100	Horizontal	Pass
5**	12210.638	43.54	0.55	54.0	10.46	AV	50.00	100	Horizontal	Pass
6	16093.725	54.73	1.67	74.0	19.27	Peak	325.00	300	Horizontal	Pass
6**	16093.725	46.15	1.67	54.0	7.85	AV	325.00	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	1513.400	38.60	-16.74	74.0	35.40	Peak	204.00	300	Vertical	Pass
1**	1513.400	29.12	-16.74	54.0	24.88	AV	204.00	300	Vertical	Pass
2	4334.750	46.65	-4.96	74.0	27.35	Peak	344.00	400	Vertical	Pass
2**	4334.750	37.58	-4.96	54.0	16.42	AV	344.00	400	Vertical	Pass
3	5301.500	97.81	-2.76	--	--	Peak	303.00	150	Vertical	N/A
3**	5301.500	90.42	-2.76	--	--	AV	303.00	150	Vertical	N/A
4	7704.750	53.65	2.00	74.0	20.35	Peak	224.00	300	Vertical	Pass
4**	7704.750	44.61	2.00	54.0	9.39	AV	224.00	300	Vertical	Pass
5	12493.263	53.05	1.38	74.0	20.95	Peak	218.00	100	Vertical	Pass
5**	12493.263	42.78	1.38	54.0	11.22	AV	218.00	100	Vertical	Pass
6	15443.775	54.90	2.07	74.0	19.10	Peak	339.00	300	Vertical	Pass
6**	15443.775	44.66	2.07	54.0	9.34	AV	339.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.900	38.32	-16.97	74.0	35.68	Peak	181.00	200	Horizontal	Pass
1**	1452.900	29.29	-16.97	54.0	24.71	AV	181.00	200	Horizontal	Pass
2	4264.250	47.52	-4.83	74.0	26.48	Peak	0.00	400	Horizontal	Pass
2**	4264.250	38.24	-4.83	54.0	15.76	AV	0.00	400	Horizontal	Pass
3	5324.250	105.85	-2.77	--	--	Peak	139.00	200	Horizontal	N/A
3**	5324.250	98.46	-2.77	--	--	AV	139.00	200	Horizontal	N/A
4	7709.000	53.49	1.89	74.0	20.51	Peak	276.00	300	Horizontal	Pass
4**	7709.000	45.78	1.89	54.0	8.22	AV	276.00	300	Horizontal	Pass
5	11678.162	52.68	-0.88	74.0	21.32	Peak	297.00	100	Horizontal	Pass
5**	11678.162	44.15	-0.88	54.0	9.85	AV	297.00	100	Horizontal	Pass
6	15900.262	54.51	2.02	74.0	19.49	Peak	90.00	100	Horizontal	Pass
6**	15900.262	44.93	2.02	54.0	9.07	AV	90.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.000	38.32	-16.80	74.0	35.68	Peak	90.00	200	Vertical	Pass
1**	1607.000	29.16	-16.80	54.0	24.84	AV	90.00	200	Vertical	Pass
2	4263.500	46.87	-4.55	74.0	27.13	Peak	326.00	400	Vertical	Pass
2**	4263.500	38.68	-4.55	54.0	15.32	AV	326.00	400	Vertical	Pass
3	5324.000	94.69	-2.69	--	--	Peak	28.00	100	Vertical	N/A
3**	5324.000	86.80	-2.69	--	--	AV	28.00	100	Vertical	N/A
4	7705.000	53.73	2.03	74.0	20.27	Peak	147.00	200	Vertical	Pass
4**	7705.000	45.53	2.03	54.0	8.47	AV	147.00	200	Vertical	Pass
5	11671.276	52.49	-0.99	74.0	21.51	Peak	209.00	200	Vertical	Pass
5**	11671.276	42.71	-0.99	54.0	11.29	AV	209.00	200	Vertical	Pass
6	16102.388	54.46	1.77	74.0	19.54	Peak	64.00	400	Vertical	Pass
6**	16102.388	46.01	1.77	54.0	7.99	AV	64.00	400	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	1441.100	38.87	-16.69	74.0	35.13	Peak	85.00	300	Horizontal	Pass
1**	1441.100	29.35	-16.69	54.0	24.65	AV	85.00	300	Horizontal	Pass
2	4359.750	47.22	-4.73	74.0	26.78	Peak	342.00	300	Horizontal	Pass
2**	4359.750	37.80	-4.73	54.0	16.20	AV	342.00	300	Horizontal	Pass
3	5264.750	104.31	-2.99	--	--	Peak	123.00	100	Horizontal	N/A
3**	5264.750	96.49	-2.99	--	--	AV	123.00	100	Horizontal	N/A
4	7714.500	54.08	1.63	74.0	19.92	Peak	26.00	400	Horizontal	Pass
4**	7714.500	44.73	1.63	54.0	9.27	AV	26.00	400	Horizontal	Pass
5	11791.213	53.24	-0.15	74.0	20.76	Peak	281.00	100	Horizontal	Pass
5**	11791.213	44.07	-0.15	54.0	9.93	AV	281.00	100	Horizontal	Pass
6	15922.575	54.92	1.63	74.0	19.08	Peak	42.00	400	Horizontal	Pass
6**	15922.575	45.57	1.63	54.0	8.43	AV	42.00	400	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	1572.400	38.91	-17.00	74.0	35.09	Peak	13.00	300	Vertical	Pass
1**	1572.400	28.44	-17.00	54.0	25.56	AV	13.00	300	Vertical	Pass
2	4294.500	46.83	-4.72	74.0	27.17	Peak	257.00	300	Vertical	Pass
2**	4294.500	38.01	-4.72	54.0	15.99	AV	257.00	300	Vertical	Pass
3	5274.750	90.80	-2.56	--	--	Peak	60.00	100	Vertical	N/A
3**	5274.750	84.29	-2.56	--	--	AV	60.00	100	Vertical	N/A
4	7676.000	53.99	0.79	74.0	20.01	Peak	82.00	200	Vertical	Pass
4**	7676.000	43.87	0.79	54.0	10.13	AV	82.00	200	Vertical	Pass
5	11804.987	52.74	-0.20	74.0	21.26	Peak	177.00	200	Vertical	Pass
5**	11804.987	43.79	-0.20	54.0	10.21	AV	177.00	200	Vertical	Pass
6	16133.363	54.61	2.02	74.0	19.39	Peak	227.00	100	Vertical	Pass
6**	16133.363	45.64	2.02	54.0	8.36	AV	227.00	100	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	1612.600	39.46	-16.75	74.0	34.54	Peak	68.00	400	Horizontal	Pass
1**	1612.600	29.28	-16.75	54.0	24.72	AV	68.00	400	Horizontal	Pass
2	4160.750	47.03	-5.79	74.0	26.97	Peak	26.00	100	Horizontal	Pass
2**	4160.750	37.02	-5.79	54.0	16.98	AV	26.00	100	Horizontal	Pass
3	5313.250	96.63	-3.32	--	--	Peak	183.00	100	Horizontal	N/A
3**	5313.250	88.80	-3.32	--	--	AV	183.00	100	Horizontal	N/A
4	7705.000	53.61	2.03	74.0	20.39	Peak	48.00	300	Horizontal	Pass
4**	7705.000	45.26	2.03	54.0	8.74	AV	48.00	300	Horizontal	Pass
5	11775.537	52.67	-0.17	74.0	21.33	Peak	82.00	100	Horizontal	Pass
5**	11775.537	43.50	-0.17	54.0	10.50	AV	82.00	100	Horizontal	Pass
6	15901.838	55.19	2.00	74.0	18.81	Peak	324.00	200	Horizontal	Pass
6**	15901.838	45.15	2.00	54.0	8.85	AV	324.00	200	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	38.25	-17.04	74.0	35.75	Peak	278.00	400	Vertical	Pass
1**	1482.800	28.57	-17.04	54.0	25.43	AV	278.00	400	Vertical	Pass
2	4260.250	47.31	-4.42	74.0	26.69	Peak	205.00	300	Vertical	Pass
2**	4260.250	38.07	-4.42	54.0	15.93	AV	205.00	300	Vertical	Pass
3	5304.500	84.83	-2.93	--	--	Peak	43.00	200	Vertical	N/A
3**	5304.500	76.37	-2.93	--	--	AV	43.00	200	Vertical	N/A
4	7508.000	53.76	0.11	74.0	20.24	Peak	64.00	400	Vertical	Pass
4**	7508.000	43.78	0.11	54.0	10.22	AV	64.00	400	Vertical	Pass
5	11764.375	52.83	-0.18	74.0	21.17	Peak	147.00	200	Vertical	Pass
5**	11764.375	42.84	-0.18	54.0	11.16	AV	147.00	200	Vertical	Pass
6	16088.475	54.61	1.60	74.0	19.39	Peak	210.00	100	Vertical	Pass
6**	16088.475	45.24	1.60	54.0	8.76	AV	210.00	100	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	1618.200	38.57	-16.97	74.0	35.43	Peak	317.00	100	Horizontal	Pass
1**	1618.200	28.96	-16.97	54.0	25.04	AV	317.00	100	Horizontal	Pass
2	4314.000	47.13	-4.99	74.0	26.87	Peak	127.00	200	Horizontal	Pass
2**	4314.000	37.61	-4.99	54.0	16.39	AV	127.00	200	Horizontal	Pass
3	5263.500	107.82	-2.98	--	--	Peak	127.00	150	Horizontal	N/A
3**	5263.500	100.45	-2.98	--	--	AV	127.00	150	Horizontal	N/A
4	7713.500	54.21	1.71	74.0	19.79	Peak	303.00	100	Horizontal	Pass
4**	7713.500	44.17	1.71	54.0	9.83	AV	303.00	100	Horizontal	Pass
5	11800.713	53.00	-0.15	74.0	21.00	Peak	130.00	150	Horizontal	Pass
5**	11800.713	43.27	-0.15	54.0	10.73	AV	130.00	150	Horizontal	Pass
6	15912.863	55.05	1.80	74.0	18.95	Peak	192.00	400	Horizontal	Pass
6**	15912.863	45.44	1.80	54.0	8.56	AV	192.00	400	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	1591.600	38.12	-17.50	74.0	35.88	Peak	203.00	400	Vertical	Pass
1**	1591.600	29.07	-17.50	54.0	24.93	AV	203.00	400	Vertical	Pass
2	4052.750	46.94	-5.49	74.0	27.06	Peak	268.00	200	Vertical	Pass
2**	4052.750	37.01	-5.49	54.0	16.99	AV	268.00	200	Vertical	Pass
3	5263.750	95.35	-3.08	--	--	Peak	42.00	200	Vertical	N/A
3**	5263.750	88.10	-3.08	--	--	AV	42.00	200	Vertical	N/A
4	7496.000	53.41	1.05	74.0	20.59	Peak	200.00	400	Vertical	Pass
4**	7496.000	43.87	1.05	54.0	10.13	AV	200.00	400	Vertical	Pass
5	12401.112	52.81	1.11	74.0	21.19	Peak	269.00	200	Vertical	Pass
5**	12401.112	42.90	1.11	54.0	11.10	AV	269.00	200	Vertical	Pass
6	15962.474	54.37	1.18	74.0	19.63	Peak	336.00	100	Vertical	Pass
6**	15962.474	44.25	1.18	54.0	9.75	AV	336.00	100	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	1624.600	38.66	-16.96	74.0	35.34	Peak	0.00	300	Horizontal	Pass
1**	1624.600	29.29	-16.96	54.0	24.71	AV	0.00	300	Horizontal	Pass
2	4242.750	47.55	-4.69	74.0	26.45	Peak	249.00	300	Horizontal	Pass
2**	4242.750	38.22	-4.69	54.0	15.78	AV	249.00	300	Horizontal	Pass
3	5297.750	108.51	-2.79	--	--	Peak	147.00	100	Horizontal	N/A
3**	5297.750	100.52	-2.79	--	--	AV	147.00	100	Horizontal	N/A
4	7715.000	53.02	1.54	74.0	20.98	Peak	273.00	200	Horizontal	Pass
4**	7715.000	45.39	1.54	54.0	8.61	AV	273.00	200	Horizontal	Pass
5	11751.788	52.65	-0.19	74.0	21.35	Peak	351.00	100	Horizontal	Pass
5**	11751.788	43.33	-0.19	54.0	10.67	AV	351.00	100	Horizontal	Pass
6	16105.800	55.47	1.80	74.0	18.53	Peak	13.00	300	Horizontal	Pass
6**	16105.800	45.27	1.80	54.0	8.73	AV	13.00	300	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	1604.800	38.36	-16.70	74.0	35.64	Peak	198.00	200	Vertical	Pass
1**	1604.800	29.71	-16.70	54.0	24.29	AV	198.00	200	Vertical	Pass
2	4216.000	46.70	-5.34	74.0	27.30	Peak	186.00	100	Vertical	Pass
2**	4216.000	37.76	-5.34	54.0	16.24	AV	186.00	100	Vertical	Pass
3	5298.500	98.14	-2.84	--	--	Peak	305.00	100	Vertical	N/A
3**	5298.500	91.03	-2.84	--	--	AV	305.00	100	Vertical	N/A
4	7359.000	53.64	0.93	74.0	20.36	Peak	64.00	400	Vertical	Pass
4**	7359.000	44.01	0.93	54.0	9.99	AV	64.00	400	Vertical	Pass
5	11753.450	52.64	-0.19	74.0	21.36	Peak	307.00	200	Vertical	Pass
5**	11753.450	43.66	-0.19	54.0	10.34	AV	307.00	200	Vertical	Pass
6	16099.237	55.87	1.74	74.0	18.13	Peak	220.00	300	Vertical	Pass
6**	16099.237	45.93	1.74	54.0	8.07	AV	220.00	300	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	1592.700	39.06	-16.50	74.0	34.94	Peak	358.00	100	Horizontal	Pass
1**	1592.700	29.67	-16.50	54.0	24.33	AV	358.00	100	Horizontal	Pass
2	4358.000	46.87	-4.58	74.0	27.13	Peak	172.00	400	Horizontal	Pass
2**	4358.000	37.48	-4.58	54.0	16.52	AV	172.00	400	Horizontal	Pass
3	5323.750	101.17	-2.68	--	--	Peak	172.00	200	Horizontal	N/A
3**	5323.750	93.71	-2.68	--	--	AV	172.00	200	Horizontal	N/A
4	7680.000	53.61	0.84	74.0	20.39	Peak	41.00	300	Horizontal	Pass
4**	7680.000	44.22	0.84	54.0	9.78	AV	41.00	300	Horizontal	Pass
5	11763.425	52.26	-0.18	74.0	21.74	Peak	175.00	150	Horizontal	Pass
5**	11763.425	44.64	-0.18	54.0	9.36	AV	175.00	150	Horizontal	Pass
6	16090.313	54.48	1.62	74.0	19.52	Peak	134.00	100	Horizontal	Pass
6**	16090.313	45.38	1.62	54.0	8.62	AV	134.00	100	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	1597.300	38.18	-16.95	74.0	35.82	Peak	25.00	400	Vertical	Pass
1**	1597.300	28.75	-16.95	54.0	25.25	AV	25.00	400	Vertical	Pass
2	4397.000	46.96	-5.14	74.0	27.04	Peak	171.00	200	Vertical	Pass
2**	4397.000	38.12	-5.14	54.0	15.88	AV	171.00	200	Vertical	Pass
3	5315.500	91.54	-3.04	--	--	Peak	193.00	100	Vertical	N/A
3**	5315.500	82.97	-3.04	--	--	AV	193.00	100	Vertical	N/A
4	7599.250	53.62	1.13	74.0	20.38	Peak	214.00	400	Vertical	Pass
4**	7599.250	44.10	1.13	54.0	9.90	AV	214.00	400	Vertical	Pass
5	12518.674	52.51	1.33	74.0	21.49	Peak	238.00	200	Vertical	Pass
5**	12518.674	42.80	1.33	54.0	11.20	AV	238.00	200	Vertical	Pass
6	16116.563	54.61	1.88	74.0	19.39	Peak	151.00	200	Vertical	Pass
6**	16116.563	45.54	1.88	54.0	8.46	AV	151.00	200	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	1607.600	38.32	-16.99	74.0	35.68	Peak	230.00	400	Horizontal	Pass
1**	1607.600	29.24	-16.99	54.0	24.76	AV	230.00	400	Horizontal	Pass
2	4267.250	47.34	-4.82	74.0	26.66	Peak	0.00	300	Horizontal	Pass
2**	4267.250	37.85	-4.82	54.0	16.15	AV	0.00	300	Horizontal	Pass
3	5273.000	104.42	-2.62	--	--	Peak	169.00	150	Horizontal	N/A
3**	5273.000	96.99	-2.62	--	--	AV	169.00	150	Horizontal	N/A
4	7722.750	53.39	1.00	74.0	20.61	Peak	0.00	100	Horizontal	Pass
4**	7722.750	44.63	1.00	54.0	9.37	AV	0.00	100	Horizontal	Pass
5	11798.100	53.73	-0.15	74.0	20.27	Peak	145.00	200	Horizontal	Pass
5**	11798.100	43.22	-0.15	54.0	10.78	AV	145.00	200	Horizontal	Pass
6	16107.375	54.92	1.81	74.0	19.08	Peak	212.00	400	Horizontal	Pass
6**	16107.375	45.92	1.81	54.0	8.08	AV	212.00	400	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	1445.800	38.90	-17.06	74.0	35.10	Peak	183.00	100	Vertical	Pass
1**	1445.800	29.04	-17.06	54.0	24.96	AV	183.00	100	Vertical	Pass
2	4263.500	47.63	-4.55	74.0	26.37	Peak	149.00	200	Vertical	Pass
2**	4263.500	37.53	-4.55	54.0	16.47	AV	149.00	200	Vertical	Pass
3	5285.500	91.01	-2.81	--	--	Peak	63.00	100	Vertical	N/A
3**	5285.500	83.29	-2.81	--	--	AV	63.00	100	Vertical	N/A
4	7682.500	53.16	0.68	74.0	20.84	Peak	107.00	300	Vertical	Pass
4**	7682.500	43.62	0.68	54.0	10.38	AV	107.00	300	Vertical	Pass
5	11786.937	53.30	-0.16	74.0	20.70	Peak	116.00	200	Vertical	Pass
5**	11786.937	43.32	-0.16	54.0	10.68	AV	116.00	200	Vertical	Pass
6	16106.325	55.15	1.80	74.0	18.85	Peak	280.00	200	Vertical	Pass
6**	16106.325	45.41	1.80	54.0	8.59	AV	280.00	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	1613.600	38.02	-16.85	74.0	35.98	Peak	360.00	100	Horizontal	Pass
1**	1613.600	29.21	-16.85	54.0	24.79	AV	360.00	100	Horizontal	Pass
2	4164.250	47.27	-5.46	74.0	26.73	Peak	18.00	300	Horizontal	Pass
2**	4164.250	37.14	-5.46	54.0	16.86	AV	18.00	300	Horizontal	Pass
3	5306.250	96.86	-2.73	--	--	Peak	157.00	200	Horizontal	N/A
3**	5306.250	89.11	-2.73	--	--	AV	157.00	200	Horizontal	N/A
4	7420.000	54.25	1.50	74.0	19.75	Peak	249.00	100	Horizontal	Pass
4**	7420.000	44.53	1.50	54.0	9.47	AV	249.00	100	Horizontal	Pass
5	12441.012	52.43	1.05	74.0	21.57	Peak	121.00	100	Horizontal	Pass
5**	12441.012	43.43	1.05	54.0	10.57	AV	121.00	100	Horizontal	Pass
6	16068.000	54.55	1.33	74.0	19.45	Peak	13.00	200	Horizontal	Pass
6**	16068.000	45.95	1.33	54.0	8.05	AV	13.00	200	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	1603.000	38.87	-16.86	74.0	35.13	Peak	144.00	200	Vertical	Pass
1**	1603.000	29.13	-16.86	54.0	24.87	AV	144.00	200	Vertical	Pass
2	4398.250	47.44	-5.08	74.0	26.56	Peak	249.00	100	Vertical	Pass
2**	4398.250	37.54	-5.08	54.0	16.46	AV	249.00	100	Vertical	Pass
3	5307.000	85.19	-2.89	--	--	Peak	31.00	100	Vertical	N/A
3**	5307.000	76.50	-2.89	--	--	AV	31.00	100	Vertical	N/A
4	7705.000	53.67	2.03	74.0	20.33	Peak	57.00	200	Vertical	Pass
4**	7705.000	45.00	2.03	54.0	9.00	AV	57.00	200	Vertical	Pass
5	11792.874	53.14	-0.15	74.0	20.86	Peak	317.00	150	Vertical	Pass
5**	11792.874	43.40	-0.15	54.0	10.60	AV	317.00	150	Vertical	Pass
6	15395.213	54.56	2.91	74.0	19.44	Peak	121.00	100	Vertical	Pass
6**	15395.213	44.20	2.91	54.0	9.80	AV	121.00	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	1481.300	38.61	-17.01	74.0	35.39	Peak	37.00	200	Horizontal	Pass
1**	1481.300	28.18	-17.01	54.0	25.82	AV	37.00	200	Horizontal	Pass
2	3818.750	46.78	-6.05	74.0	27.22	Peak	152.00	200	Horizontal	Pass
2**	3818.750	36.88	-6.05	54.0	17.12	AV	152.00	200	Horizontal	Pass
3	5307.750	94.86	-3.25	--	--	Peak	176.00	150	Horizontal	N/A
3**	5307.750	87.07	-3.25	--	--	AV	176.00	150	Horizontal	N/A
4	7688.500	53.41	1.01	74.0	20.59	Peak	105.00	100	Horizontal	Pass
4**	7688.500	43.32	1.01	54.0	10.68	AV	105.00	100	Horizontal	Pass
5	12422.250	52.45	1.08	74.0	21.55	Peak	273.00	200	Horizontal	Pass
5**	12422.250	43.08	1.08	54.0	10.92	AV	273.00	200	Horizontal	Pass
6	15892.388	54.93	1.97	74.0	19.07	Peak	239.00	200	Horizontal	Pass
6**	15892.388	45.16	1.97	54.0	8.84	AV	239.00	200	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	1612.800	38.70	-16.67	74.0	35.30	Peak	52.00	400	Vertical	Pass
1**	1612.800	28.99	-16.67	54.0	25.01	AV	52.00	400	Vertical	Pass
2	4390.250	46.94	-5.23	74.0	27.06	Peak	0.00	100	Vertical	Pass
2**	4390.250	37.25	-5.23	54.0	16.75	AV	0.00	100	Vertical	Pass
3	5283.000	82.80	-2.98	--	--	Peak	89.00	150	Vertical	N/A
3**	5283.000	73.71	-2.98	--	--	AV	89.00	150	Vertical	N/A
4	7699.750	53.42	1.14	74.0	20.58	Peak	16.00	400	Vertical	Pass
4**	7699.750	43.65	1.14	54.0	10.35	AV	16.00	400	Vertical	Pass
5	11264.201	52.53	-1.10	74.0	21.47	Peak	82.00	100	Vertical	Pass
5**	11264.201	42.68	-1.10	54.0	11.32	AV	82.00	100	Vertical	Pass
6	16111.575	54.47	1.84	74.0	19.53	Peak	101.00	400	Vertical	Pass
6**	16111.575	45.65	1.84	54.0	8.35	AV	101.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.700	37.88	-16.75	74.0	36.12	Peak	346.00	300	Horizontal	Pass
1**	1604.700	29.43	-16.75	54.0	24.57	AV	346.00	300	Horizontal	Pass
2	4340.750	46.59	-4.79	74.0	27.41	Peak	82.00	300	Horizontal	Pass
2**	4340.750	38.72	-4.79	54.0	15.28	AV	82.00	300	Horizontal	Pass
3	5494.750	101.40	-2.39	--	--	Peak	176.00	200	Horizontal	N/A
3**	5494.750	93.63	-2.39	--	--	AV	176.00	200	Horizontal	N/A
4	7419.500	53.76	1.23	74.0	20.24	Peak	35.00	100	Horizontal	Pass
4**	7419.500	43.71	1.23	54.0	10.29	AV	35.00	100	Horizontal	Pass
5	12007.338	52.70	0.37	74.0	21.30	Peak	75.00	200	Horizontal	Pass
5**	12007.338	42.44	0.37	54.0	11.56	AV	75.00	200	Horizontal	Pass
6	15916.013	54.83	1.75	74.0	19.17	Peak	181.00	100	Horizontal	Pass
6**	15916.013	44.94	1.75	54.0	9.06	AV	181.00	100	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	1495.800	38.78	-17.05	74.0	35.22	Peak	31.00	300	Vertical	Pass
1**	1495.800	29.34	-17.05	54.0	24.66	AV	31.00	300	Vertical	Pass
2	4248.000	46.91	-4.47	74.0	27.09	Peak	222.00	400	Vertical	Pass
2**	4248.000	37.81	-4.47	54.0	16.19	AV	222.00	400	Vertical	Pass
3	5503.000	90.01	-3.13	--	--	Peak	346.00	200	Vertical	N/A
3**	5503.000	81.24	-3.13	--	--	AV	346.00	200	Vertical	N/A
4	7708.250	53.02	1.90	74.0	20.98	Peak	122.00	200	Vertical	Pass
4**	7708.250	45.33	1.90	54.0	8.67	AV	122.00	200	Vertical	Pass
5	12503.474	52.26	1.42	74.0	21.74	Peak	2.00	150	Vertical	Pass
5**	12503.474	43.32	1.42	54.0	10.68	AV	2.00	150	Vertical	Pass
6	16132.838	54.40	2.01	74.0	19.60	Peak	43.00	200	Vertical	Pass
6**	16132.838	45.07	2.01	54.0	8.93	AV	43.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.200	38.44	-16.85	74.0	35.56	Peak	190.00	100	Horizontal	Pass
1**	1443.200	28.49	-16.85	54.0	25.51	AV	190.00	100	Horizontal	Pass
2	4289.750	47.70	-4.70	74.0	26.30	Peak	184.00	400	Horizontal	Pass
2**	4289.750	37.22	-4.70	54.0	16.78	AV	184.00	400	Horizontal	Pass
3	5572.500	105.77	-2.45	--	--	Peak	161.00	200	Horizontal	N/A
3**	5572.500	97.93	-2.45	--	--	AV	161.00	200	Horizontal	N/A
4	7662.500	53.25	0.99	74.0	20.75	Peak	93.00	400	Horizontal	Pass
4**	7662.500	43.15	0.99	54.0	10.85	AV	93.00	400	Horizontal	Pass
5	11774.349	52.56	-0.17	74.0	21.44	Peak	18.00	150	Horizontal	Pass
5**	11774.349	43.01	-0.17	54.0	10.99	AV	18.00	150	Horizontal	Pass
6	16068.787	55.64	1.34	74.0	18.36	Peak	234.00	400	Horizontal	Pass
6**	16068.787	45.09	1.34	54.0	8.91	AV	234.00	400	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	1504.800	38.55	-16.95	74.0	35.45	Peak	44.00	100	Vertical	Pass
1**	1504.800	28.85	-16.95	54.0	25.15	AV	44.00	100	Vertical	Pass
2	4160.250	46.83	-5.79	74.0	27.17	Peak	6.00	400	Vertical	Pass
2**	4160.250	36.74	-5.79	54.0	17.26	AV	6.00	400	Vertical	Pass
3	5574.250	95.22	-2.38	--	--	Peak	0.00	150	Vertical	N/A
3**	5574.250	87.21	-2.38	--	--	AV	0.00	150	Vertical	N/A
4	7707.250	53.35	1.56	74.0	20.65	Peak	167.00	300	Vertical	Pass
4**	7707.250	44.46	1.56	54.0	9.54	AV	167.00	300	Vertical	Pass
5	12501.100	52.38	1.43	74.0	21.62	Peak	52.00	100	Vertical	Pass
5**	12501.100	43.00	1.43	54.0	11.00	AV	52.00	100	Vertical	Pass
6	15886.349	54.86	1.92	74.0	19.14	Peak	347.00	100	Vertical	Pass
6**	15886.349	45.48	1.92	54.0	8.52	AV	347.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.400	37.92	-16.93	74.0	36.08	Peak	240.00	400	Horizontal	Pass
1**	1449.400	28.76	-16.93	54.0	25.24	AV	240.00	400	Horizontal	Pass
2	4262.000	46.80	-4.53	74.0	27.20	Peak	298.00	200	Horizontal	Pass
2**	4262.000	38.44	-4.53	54.0	15.56	AV	298.00	200	Horizontal	Pass
3	5703.750	97.52	-2.35	--	--	Peak	158.00	200	Horizontal	N/A
3**	5703.750	90.03	-2.35	--	--	AV	158.00	200	Horizontal	N/A
4	7674.250	54.19	0.76	74.0	19.81	Peak	183.00	300	Horizontal	Pass
4**	7674.250	44.10	0.76	54.0	9.90	AV	183.00	300	Horizontal	Pass
5	11757.013	52.60	-0.19	74.0	21.40	Peak	352.00	150	Horizontal	Pass
5**	11757.013	43.32	-0.19	54.0	10.68	AV	352.00	150	Horizontal	Pass
6	16123.650	54.81	1.94	74.0	19.19	Peak	23.00	400	Horizontal	Pass
6**	16123.650	45.81	1.94	54.0	8.19	AV	23.00	400	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	1600.300	38.26	-17.10	74.0	35.74	Peak	4.00	100	Vertical	Pass
1**	1600.300	28.73	-17.10	54.0	25.27	AV	4.00	100	Vertical	Pass
2	4262.500	47.22	-4.38	74.0	26.78	Peak	217.00	400	Vertical	Pass
2**	4262.500	37.36	-4.38	54.0	16.64	AV	217.00	400	Vertical	Pass
3	5696.500	87.60	-2.40	--	--	Peak	344.00	150	Vertical	N/A
3**	5696.500	79.44	-2.40	--	--	AV	344.00	150	Vertical	N/A
4	7701.500	53.26	1.29	74.0	20.74	Peak	0.00	400	Vertical	Pass
4**	7701.500	43.79	1.29	54.0	10.21	AV	0.00	400	Vertical	Pass
5	12216.575	52.82	0.64	74.0	21.18	Peak	297.00	100	Vertical	Pass
5**	12216.575	42.79	0.64	54.0	11.21	AV	297.00	100	Vertical	Pass
6	16114.987	54.63	1.87	74.0	19.37	Peak	45.00	200	Vertical	Pass
6**	16114.987	45.14	1.87	54.0	8.86	AV	45.00	200	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	1612.300	38.59	-16.85	74.0	35.41	Peak	237.00	200	Horizontal	Pass
1**	1612.300	29.27	-16.85	54.0	24.73	AV	237.00	200	Horizontal	Pass
2	4265.750	46.88	-4.92	74.0	27.12	Peak	0.00	100	Horizontal	Pass
2**	4265.750	37.73	-4.92	54.0	16.27	AV	0.00	100	Horizontal	Pass
3	5492.750	99.42	-2.35	--	--	Peak	179.00	200	Horizontal	N/A
3**	5492.750	92.22	-2.35	--	--	AV	179.00	200	Horizontal	N/A
4	7704.500	53.47	1.93	74.0	20.53	Peak	273.00	400	Horizontal	Pass
4**	7704.500	45.00	1.93	54.0	9.00	AV	273.00	400	Horizontal	Pass
5	12258.612	52.86	1.01	74.0	21.14	Peak	188.00	150	Horizontal	Pass
5**	12258.612	43.61	1.01	54.0	10.39	AV	188.00	150	Horizontal	Pass
6	16081.651	54.62	1.51	74.0	19.38	Peak	106.00	100	Horizontal	Pass
6**	16081.651	45.52	1.51	54.0	8.48	AV	106.00	100	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	1613.000	38.56	-16.60	74.0	35.44	Peak	101.00	400	Vertical	Pass
1**	1613.000	29.90	-16.60	54.0	24.10	AV	101.00	400	Vertical	Pass
2	4266.250	47.08	-4.89	74.0	26.92	Peak	20.00	200	Vertical	Pass
2**	4266.250	38.42	-4.89	54.0	15.58	AV	20.00	200	Vertical	Pass
3	5494.500	88.11	-2.43	--	--	Peak	339.00	200	Vertical	N/A
3**	5494.500	80.08	-2.43	--	--	AV	339.00	200	Vertical	N/A
4	7704.750	53.79	2.00	74.0	20.21	Peak	69.00	100	Vertical	Pass
4**	7704.750	45.20	2.00	54.0	8.80	AV	69.00	100	Vertical	Pass
5	11604.062	52.11	-0.67	74.0	21.89	Peak	331.00	100	Vertical	Pass
5**	11604.062	42.41	-0.67	54.0	11.59	AV	331.00	100	Vertical	Pass
6	16130.213	54.38	1.99	74.0	19.62	Peak	312.00	400	Vertical	Pass
6**	16130.213	44.91	1.99	54.0	9.09	AV	312.00	400	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	1599.900	38.56	-16.70	74.0	35.44	Peak	251.00	200	Horizontal	Pass
1**	1599.900	29.59	-16.70	54.0	24.41	AV	251.00	200	Horizontal	Pass
2	4387.000	47.87	-4.61	74.0	26.13	Peak	25.00	400	Horizontal	Pass
2**	4387.000	38.71	-4.61	54.0	15.29	AV	25.00	400	Horizontal	Pass
3	5577.000	105.75	-1.99	--	--	Peak	164.00	200	Horizontal	N/A
3**	5577.000	98.37	-1.99	--	--	AV	164.00	200	Horizontal	N/A
4	7704.000	53.12	1.37	74.0	20.88	Peak	207.00	100	Horizontal	Pass
4**	7704.000	43.97	1.37	54.0	10.03	AV	207.00	100	Horizontal	Pass
5	11746.326	52.36	-0.22	74.0	21.64	Peak	128.00	150	Horizontal	Pass
5**	11746.326	42.63	-0.22	54.0	11.37	AV	128.00	150	Horizontal	Pass
6	16069.838	55.34	1.35	74.0	18.66	Peak	188.00	300	Horizontal	Pass
6**	16069.838	44.91	1.35	54.0	9.09	AV	188.00	300	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	1489.200	38.38	-17.02	74.0	35.62	Peak	26.00	400	Vertical	Pass
1**	1489.200	28.97	-17.02	54.0	25.03	AV	26.00	400	Vertical	Pass
2	4319.750	46.37	-5.08	74.0	27.63	Peak	130.00	400	Vertical	Pass
2**	4319.750	37.91	-5.08	54.0	16.09	AV	130.00	400	Vertical	Pass
3	5577.000	95.19	-1.99	--	--	Peak	341.00	200	Vertical	N/A
3**	5577.000	88.06	-1.99	--	--	AV	341.00	200	Vertical	N/A
4	7356.500	53.41	0.60	74.0	20.59	Peak	82.00	100	Vertical	Pass
4**	7356.500	44.26	0.60	54.0	9.74	AV	82.00	100	Vertical	Pass
5	11692.174	52.29	-0.65	74.0	21.71	Peak	178.00	100	Vertical	Pass
5**	11692.174	44.11	-0.65	54.0	9.89	AV	178.00	100	Vertical	Pass
6	15925.200	54.72	1.59	74.0	19.28	Peak	334.00	300	Vertical	Pass
6**	15925.200	44.84	1.59	54.0	9.16	AV	334.00	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	1511.400	38.35	-16.81	74.0	35.65	Peak	343.00	400	Horizontal	Pass
1**	1511.400	28.91	-16.81	54.0	25.09	AV	343.00	400	Horizontal	Pass
2	3957.500	46.67	-6.09	74.0	27.33	Peak	110.00	400	Horizontal	Pass
2**	3957.500	35.99	-6.09	54.0	18.01	AV	110.00	400	Horizontal	Pass
3	5696.500	97.96	-2.40	--	--	Peak	134.00	100	Horizontal	N/A
3**	5696.500	90.32	-2.40	--	--	AV	134.00	100	Horizontal	N/A
4	7593.250	53.17	0.96	74.0	20.83	Peak	180.00	400	Horizontal	Pass
4**	7593.250	43.62	0.96	54.0	10.38	AV	180.00	400	Horizontal	Pass
5	11954.612	52.66	-0.52	74.0	21.34	Peak	26.00	100	Horizontal	Pass
5**	11954.612	42.59	-0.52	54.0	11.41	AV	26.00	100	Horizontal	Pass
6	16122.338	54.58	1.93	74.0	19.42	Peak	288.00	200	Horizontal	Pass
6**	16122.338	45.73	1.93	54.0	8.27	AV	288.00	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	1597.400	38.50	-16.90	74.0	35.50	Peak	69.00	100	Vertical	Pass
1**	1597.400	28.43	-16.90	54.0	25.57	AV	69.00	100	Vertical	Pass
2	4287.000	46.93	-4.67	74.0	27.07	Peak	264.00	200	Vertical	Pass
2**	4287.000	37.91	-4.67	54.0	16.09	AV	264.00	200	Vertical	Pass
3	5693.000	87.05	-2.52	--	--	Peak	344.00	150	Vertical	N/A
3**	5693.000	79.46	-2.52	--	--	AV	344.00	150	Vertical	N/A
4	7421.500	53.25	1.19	74.0	20.75	Peak	84.00	400	Vertical	Pass
4**	7421.500	44.72	1.19	54.0	9.28	AV	84.00	400	Vertical	Pass
5	11741.575	52.64	-0.25	74.0	21.36	Peak	11.00	200	Vertical	Pass
5**	11741.575	42.65	-0.25	54.0	11.35	AV	11.00	200	Vertical	Pass
6	15911.026	55.44	1.84	74.0	18.56	Peak	127.00	400	Vertical	Pass
6**	15911.026	45.44	1.84	54.0	8.56	AV	127.00	400	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	1530.100	38.89	-16.80	74.0	35.11	Peak	174.00	400	Horizontal	Pass
1**	1530.100	29.52	-16.80	54.0	24.48	AV	174.00	400	Horizontal	Pass
2	4300.500	46.92	-5.17	74.0	27.08	Peak	84.00	100	Horizontal	Pass
2**	4300.500	37.71	-5.17	54.0	16.29	AV	84.00	100	Horizontal	Pass
3	5512.250	90.63	-3.11	--	--	Peak	149.00	150	Horizontal	N/A
3**	5512.250	82.45	-3.11	--	--	AV	149.00	150	Horizontal	N/A
4	7688.750	53.13	1.01	74.0	20.87	Peak	20.00	300	Horizontal	Pass
4**	7688.750	44.47	1.01	54.0	9.53	AV	20.00	300	Horizontal	Pass
5	11759.150	53.43	-0.19	74.0	20.57	Peak	349.00	150	Horizontal	Pass
5**	11759.150	42.47	-0.19	54.0	11.53	AV	349.00	150	Horizontal	Pass
6	15881.362	54.21	1.88	74.0	19.79	Peak	59.00	200	Horizontal	Pass
6**	15881.362	44.55	1.88	54.0	9.45	AV	59.00	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	1593.900	38.20	-16.88	74.0	35.80	Peak	185.00	200	Vertical	Pass
1**	1593.900	29.26	-16.88	54.0	24.74	AV	185.00	200	Vertical	Pass
2	4258.500	47.34	-4.26	74.0	26.66	Peak	35.00	200	Vertical	Pass
2**	4258.500	38.31	-4.26	54.0	15.69	AV	35.00	200	Vertical	Pass
3	5494.500	79.27	-2.43	--	--	Peak	35.00	100	Vertical	N/A
3**	5494.500	71.23	-2.43	--	--	AV	35.00	100	Vertical	N/A
4	7710.500	53.36	1.96	74.0	20.64	Peak	94.00	400	Vertical	Pass
4**	7710.500	45.52	1.96	54.0	8.48	AV	94.00	400	Vertical	Pass
5	11701.200	52.24	-0.51	74.0	21.76	Peak	220.00	200	Vertical	Pass
5**	11701.200	42.66	-0.51	54.0	11.34	AV	220.00	200	Vertical	Pass
6	16087.162	54.88	1.58	74.0	19.12	Peak	360.00	100	Vertical	Pass
6**	16087.162	44.95	1.58	54.0	9.05	AV	360.00	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	1515.700	38.36	-16.95	74.0	35.64	Peak	201.00	300	Horizontal	Pass
1**	1515.700	29.71	-16.95	54.0	24.29	AV	201.00	300	Horizontal	Pass
2	4384.750	47.00	-5.29	74.0	27.00	Peak	40.00	100	Horizontal	Pass
2**	4384.750	37.51	-5.29	54.0	16.49	AV	40.00	100	Horizontal	Pass
3	5592.000	102.88	-2.21	--	--	Peak	186.00	150	Horizontal	N/A
3**	5592.000	95.09	-2.21	--	--	AV	186.00	150	Horizontal	N/A
4	7656.000	53.11	1.21	74.0	20.89	Peak	280.00	300	Horizontal	Pass
4**	7656.000	43.28	1.21	54.0	10.72	AV	280.00	300	Horizontal	Pass
5	12175.013	52.20	0.19	74.0	21.80	Peak	273.00	200	Horizontal	Pass
5**	12175.013	42.65	0.19	54.0	11.35	AV	273.00	200	Horizontal	Pass
6	16046.213	54.45	1.10	74.0	19.55	Peak	19.00	300	Horizontal	Pass
6**	16046.213	44.49	1.10	54.0	9.51	AV	19.00	300	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	1602.100	38.13	-16.98	74.0	35.87	Peak	16.00	400	Vertical	Pass
1**	1602.100	29.71	-16.98	54.0	24.29	AV	16.00	400	Vertical	Pass
2	4184.500	46.47	-5.25	74.0	27.53	Peak	312.00	100	Vertical	Pass
2**	4184.500	37.94	-5.25	54.0	16.06	AV	312.00	100	Vertical	Pass
3	5582.750	93.83	-2.23	--	--	Peak	358.00	100	Vertical	N/A
3**	5582.750	84.58	-2.23	--	--	AV	358.00	100	Vertical	N/A
4	7331.500	53.96	-0.08	74.0	20.04	Peak	45.00	400	Vertical	Pass
4**	7331.500	43.87	-0.08	54.0	10.13	AV	45.00	400	Vertical	Pass
5	11834.675	53.13	-0.55	74.0	20.87	Peak	227.00	100	Vertical	Pass
5**	11834.675	41.83	-0.55	54.0	12.17	AV	227.00	100	Vertical	Pass
6	15896.588	54.27	2.00	74.0	19.73	Peak	207.00	400	Vertical	Pass
6**	15896.588	44.86	2.00	54.0	9.14	AV	207.00	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	1512.300	38.65	-16.41	74.0	35.35	Peak	258.00	100	Horizontal	Pass
1**	1512.300	29.15	-16.41	54.0	24.85	AV	258.00	100	Horizontal	Pass
2	4254.750	46.46	-4.18	74.0	27.54	Peak	96.00	100	Horizontal	Pass
2**	4254.750	37.73	-4.18	54.0	16.27	AV	96.00	100	Horizontal	Pass
3	5653.750	97.87	-2.21	--	--	Peak	169.00	100	Horizontal	N/A
3**	5653.750	89.93	-2.21	--	--	AV	169.00	100	Horizontal	N/A
4	7515.000	53.25	0.03	74.0	20.75	Peak	25.00	300	Horizontal	Pass
4**	7515.000	43.31	0.03	54.0	10.69	AV	25.00	300	Horizontal	Pass
5	11676.738	52.52	-0.90	74.0	21.48	Peak	206.00	100	Horizontal	Pass
5**	11676.738	43.14	-0.90	54.0	10.86	AV	206.00	100	Horizontal	Pass
6	16137.825	54.11	2.05	74.0	19.89	Peak	89.00	300	Horizontal	Pass
6**	16137.825	45.29	2.05	54.0	8.71	AV	89.00	300	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	1603.900	38.40	-16.81	74.0	35.60	Peak	221.00	300	Vertical	Pass
1**	1603.900	29.17	-16.81	54.0	24.83	AV	221.00	300	Vertical	Pass
2	4256.250	46.83	-4.17	74.0	27.17	Peak	354.00	300	Vertical	Pass
2**	4256.250	37.70	-4.17	54.0	16.30	AV	354.00	300	Vertical	Pass
3	5665.500	88.95	-2.45	--	--	Peak	354.00	200	Vertical	N/A
3**	5665.500	80.62	-2.45	--	--	AV	354.00	200	Vertical	N/A
4	7674.250	53.18	0.76	74.0	20.82	Peak	108.00	100	Vertical	Pass
4**	7674.250	43.53	0.76	54.0	10.47	AV	108.00	100	Vertical	Pass
5	11596.701	52.65	-0.65	74.0	21.35	Peak	360.00	150	Vertical	Pass
5**	11596.701	43.66	-0.65	54.0	10.34	AV	360.00	150	Vertical	Pass
6	16134.412	54.12	2.03	74.0	19.88	Peak	161.00	100	Vertical	Pass
6**	16134.412	46.21	2.03	54.0	7.79	AV	161.00	100	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	1604.700	38.22	-16.75	74.0	35.78	Peak	128.00	400	Horizontal	Pass
1**	1604.700	29.23	-16.75	54.0	24.77	AV	128.00	400	Horizontal	Pass
2	4119.250	46.98	-5.54	74.0	27.02	Peak	317.00	100	Horizontal	Pass
2**	4119.250	37.01	-5.54	54.0	16.99	AV	317.00	100	Horizontal	Pass
3	5496.000	100.20	-2.44	--	--	Peak	152.00	100	Horizontal	N/A
3**	5496.000	91.41	-2.44	--	--	AV	152.00	100	Horizontal	N/A
4	7423.000	53.05	1.54	74.0	20.95	Peak	293.00	100	Horizontal	Pass
4**	7423.000	44.94	1.54	54.0	9.06	AV	293.00	100	Horizontal	Pass
5	11507.875	52.06	-0.69	74.0	21.94	Peak	11.00	150	Horizontal	Pass
5**	11507.875	42.43	-0.69	54.0	11.57	AV	11.00	150	Horizontal	Pass
6	15649.313	54.38	2.13	74.0	19.62	Peak	305.00	100	Horizontal	Pass
6**	15649.313	45.68	2.13	54.0	8.32	AV	305.00	100	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	1499.500	39.07	-16.95	74.0	34.93	Peak	112.00	300	Vertical	Pass
1**	1499.500	28.26	-16.95	54.0	25.74	AV	112.00	300	Vertical	Pass
2	4265.750	46.70	-4.92	74.0	27.30	Peak	116.00	300	Vertical	Pass
2**	4265.750	37.79	-4.92	54.0	16.21	AV	116.00	300	Vertical	Pass
3	5492.750	88.32	-2.35	--	--	Peak	360.00	100	Vertical	N/A
3**	5492.750	80.29	-2.35	--	--	AV	360.00	100	Vertical	N/A
4	7467.750	53.33	0.15	74.0	20.67	Peak	69.00	200	Vertical	Pass
4**	7467.750	43.06	0.15	54.0	10.94	AV	69.00	200	Vertical	Pass
5	11527.588	53.02	-0.95	74.0	20.98	Peak	245.00	150	Vertical	Pass
5**	11527.588	43.21	-0.95	54.0	10.79	AV	245.00	150	Vertical	Pass
6	15384.974	54.51	2.79	74.0	19.49	Peak	106.00	200	Vertical	Pass
6**	15384.974	44.68	2.79	54.0	9.32	AV	106.00	200	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	1583.100	38.01	-16.86	74.0	35.99	Peak	256.00	400	Horizontal	Pass
1**	1583.100	29.00	-16.86	54.0	25.00	AV	256.00	400	Horizontal	Pass
2	4381.500	46.72	-5.03	74.0	27.28	Peak	273.00	400	Horizontal	Pass
2**	4381.500	37.31	-5.03	54.0	16.69	AV	273.00	400	Horizontal	Pass
3	5572.250	105.68	-2.45	--	--	Peak	176.00	150	Horizontal	N/A
3**	5572.250	97.15	-2.45	--	--	AV	176.00	150	Horizontal	N/A
4	7610.250	52.98	0.20	74.0	21.02	Peak	319.00	400	Horizontal	Pass
4**	7610.250	43.17	0.20	54.0	10.83	AV	319.00	400	Horizontal	Pass
5	11679.588	52.24	-0.86	74.0	21.76	Peak	188.00	150	Horizontal	Pass
5**	11679.588	43.03	-0.86	54.0	10.97	AV	188.00	150	Horizontal	Pass
6	16129.162	54.94	1.98	74.0	19.06	Peak	324.00	400	Horizontal	Pass
6**	16129.162	45.13	1.98	54.0	8.87	AV	324.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.000	38.07	-17.11	74.0	35.93	Peak	183.00	300	Vertical	Pass
1**	1446.000	28.32	-17.11	54.0	25.68	AV	183.00	300	Vertical	Pass
2	4303.500	46.66	-5.23	74.0	27.34	Peak	52.00	200	Vertical	Pass
2**	4303.500	37.39	-5.23	54.0	16.61	AV	52.00	200	Vertical	Pass
3	5572.750	96.04	-2.44	--	--	Peak	0.00	150	Vertical	N/A
3**	5572.750	87.97	-2.44	--	--	AV	0.00	150	Vertical	N/A
4	7702.000	53.58	1.48	74.0	20.42	Peak	342.00	100	Vertical	Pass
4**	7702.000	44.68	1.48	54.0	9.32	AV	342.00	100	Vertical	Pass
5	11757.013	53.00	-0.19	74.0	21.00	Peak	338.00	100	Vertical	Pass
5**	11757.013	43.47	-0.19	54.0	10.53	AV	338.00	100	Vertical	Pass
6	16187.175	54.30	1.90	74.0	19.70	Peak	138.00	100	Vertical	Pass
6**	16187.175	43.95	1.90	54.0	10.05	AV	138.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.000	38.63	-16.87	74.0	35.37	Peak	124.00	300	Horizontal	Pass
1**	1513.000	29.16	-16.87	54.0	24.84	AV	124.00	300	Horizontal	Pass
2	4241.250	47.09	-4.72	74.0	26.91	Peak	295.00	100	Horizontal	Pass
2**	4241.250	37.30	-4.72	54.0	16.70	AV	295.00	100	Horizontal	Pass
3	5696.750	97.84	-2.29	--	--	Peak	144.00	150	Horizontal	N/A
3**	5696.750	89.92	-2.29	--	--	AV	144.00	150	Horizontal	N/A
4	7581.250	53.51	0.64	74.0	20.49	Peak	222.00	100	Horizontal	Pass
4**	7581.250	44.52	0.64	54.0	9.48	AV	222.00	100	Horizontal	Pass
5	12060.775	52.19	-0.21	74.0	21.81	Peak	182.00	100	Horizontal	Pass
5**	12060.775	42.57	-0.21	54.0	11.43	AV	182.00	100	Horizontal	Pass
6	16115.512	54.67	1.88	74.0	19.33	Peak	190.00	300	Horizontal	Pass
6**	16115.512	45.89	1.88	54.0	8.11	AV	190.00	300	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	1594.900	38.07	-17.02	74.0	35.93	Peak	298.00	400	Vertical	Pass
1**	1594.900	28.55	-17.02	54.0	25.45	AV	298.00	400	Vertical	Pass
2	4321.500	46.66	-5.26	74.0	27.34	Peak	210.00	300	Vertical	Pass
2**	4321.500	37.05	-5.26	54.0	16.95	AV	210.00	300	Vertical	Pass
3	5707.750	87.43	-2.44	--	--	Peak	342.00	150	Vertical	N/A
3**	5707.750	79.66	-2.44	--	--	AV	342.00	150	Vertical	N/A
4	7705.000	53.62	2.03	74.0	20.38	Peak	54.00	400	Vertical	Pass
4**	7705.000	45.11	2.03	54.0	8.89	AV	54.00	400	Vertical	Pass
5	11759.863	52.63	-0.19	74.0	21.37	Peak	81.00	200	Vertical	Pass
5**	11759.863	43.99	-0.19	54.0	10.01	AV	81.00	200	Vertical	Pass
6	15896.849	54.42	2.00	74.0	19.58	Peak	125.00	400	Vertical	Pass
6**	15896.849	45.20	2.00	54.0	8.80	AV	125.00	400	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	1626.300	38.69	-16.64	74.0	35.31	Peak	74.00	300	Horizontal	Pass
1**	1626.300	29.86	-16.64	54.0	24.14	AV	74.00	300	Horizontal	Pass
2	4192.250	47.12	-5.36	74.0	26.88	Peak	176.00	100	Horizontal	Pass
2**	4192.250	37.46	-5.36	54.0	16.54	AV	176.00	100	Horizontal	Pass
3	5494.500	90.71	-2.43	--	--	Peak	176.00	100	Horizontal	N/A
3**	5494.500	82.82	-2.43	--	--	AV	176.00	100	Horizontal	N/A
4	7625.750	53.61	0.29	74.0	20.39	Peak	79.00	400	Horizontal	Pass
4**	7625.750	43.23	0.29	54.0	10.77	AV	79.00	400	Horizontal	Pass
5	12002.113	52.63	0.44	74.0	21.37	Peak	360.00	100	Horizontal	Pass
5**	12002.113	42.22	0.44	54.0	11.78	AV	360.00	100	Horizontal	Pass
6	16125.750	53.95	1.96	74.0	20.05	Peak	332.00	300	Horizontal	Pass
6**	16125.750	44.84	1.96	54.0	9.16	AV	332.00	300	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	1474.900	38.35	-17.04	74.0	35.65	Peak	0.00	200	Vertical	Pass
1**	1474.900	28.67	-17.04	54.0	25.33	AV	0.00	200	Vertical	Pass
2	4249.500	46.61	-4.35	74.0	27.39	Peak	0.00	100	Vertical	Pass
2**	4249.500	37.70	-4.35	54.0	16.30	AV	0.00	100	Vertical	Pass
3	5507.500	79.61	-3.21	--	--	Peak	360.00	150	Vertical	N/A
3**	5507.500	72.07	-3.21	--	--	AV	360.00	150	Vertical	N/A
4	7708.250	53.70	1.90	74.0	20.30	Peak	0.00	400	Vertical	Pass
4**	7708.250	45.01	1.90	54.0	8.99	AV	0.00	400	Vertical	Pass
5	12263.125	52.41	0.96	74.0	21.59	Peak	139.00	150	Vertical	Pass
5**	12263.125	42.04	0.96	54.0	11.96	AV	139.00	150	Vertical	Pass
6	16092.151	54.67	1.65	74.0	19.33	Peak	60.00	100	Vertical	Pass
6**	16092.151	45.51	1.65	54.0	8.49	AV	60.00	100	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	1608.600	38.37	-17.16	74.0	35.63	Peak	356.00	400	Horizontal	Pass
1**	1608.600	28.48	-17.16	54.0	25.52	AV	356.00	400	Horizontal	Pass
2	4323.250	46.73	-4.71	74.0	27.27	Peak	40.00	200	Horizontal	Pass
2**	4323.250	38.75	-4.71	54.0	15.25	AV	40.00	200	Horizontal	Pass
3	5581.000	102.68	-1.98	--	--	Peak	197.00	200	Horizontal	N/A
3**	5581.000	95.36	-1.98	--	--	AV	197.00	200	Horizontal	N/A
4	7703.250	53.23	1.19	74.0	20.77	Peak	40.00	300	Horizontal	Pass
4**	7703.250	43.45	1.19	54.0	10.55	AV	40.00	300	Horizontal	Pass
5	12027.050	52.23	0.10	74.0	21.77	Peak	360.00	100	Horizontal	Pass
5**	12027.050	41.71	0.10	54.0	12.29	AV	360.00	100	Horizontal	Pass
6	16181.925	54.57	1.94	74.0	19.43	Peak	2.00	100	Horizontal	Pass
6**	16181.925	43.60	1.94	54.0	10.40	AV	2.00	100	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	1531.700	38.80	-16.85	74.0	35.20	Peak	3.00	200	Vertical	Pass
1**	1531.700	29.31	-16.85	54.0	24.69	AV	3.00	200	Vertical	Pass
2	4191.250	47.07	-5.59	74.0	26.93	Peak	351.00	400	Vertical	Pass
2**	4191.250	37.22	-5.59	54.0	16.78	AV	351.00	400	Vertical	Pass
3	5582.500	93.45	-2.11	--	--	Peak	351.00	200	Vertical	N/A
3**	5582.500	84.91	-2.11	--	--	AV	351.00	200	Vertical	N/A
4	7424.000	53.74	0.98	74.0	20.26	Peak	65.00	400	Vertical	Pass
4**	7424.000	43.89	0.98	54.0	10.11	AV	65.00	400	Vertical	Pass
5	11729.463	52.44	-0.33	74.0	21.56	Peak	356.00	150	Vertical	Pass
5**	11729.463	42.81	-0.33	54.0	11.19	AV	356.00	150	Vertical	Pass
6	16133.363	54.49	2.02	74.0	19.51	Peak	266.00	100	Vertical	Pass
6**	16133.363	46.00	2.02	54.0	8.00	AV	266.00	100	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	1452.200	37.99	-16.90	74.0	36.01	Peak	239.00	300	Horizontal	Pass
1**	1452.200	28.21	-16.90	54.0	25.79	AV	239.00	300	Horizontal	Pass
2	4291.250	46.89	-4.68	74.0	27.11	Peak	123.00	400	Horizontal	Pass
2**	4291.250	37.39	-4.68	54.0	16.61	AV	123.00	400	Horizontal	Pass
3	5654.750	97.57	-2.21	--	--	Peak	164.00	150	Horizontal	N/A
3**	5654.750	89.75	-2.21	--	--	AV	164.00	150	Horizontal	N/A
4	7676.000	54.08	0.79	74.0	19.92	Peak	360.00	400	Horizontal	Pass
4**	7676.000	44.22	0.79	54.0	9.78	AV	360.00	400	Horizontal	Pass
5	11714.975	52.72	-0.42	74.0	21.28	Peak	88.00	150	Horizontal	Pass
5**	11714.975	43.29	-0.42	54.0	10.71	AV	88.00	150	Horizontal	Pass
6	15895.537	54.40	1.99	74.0	19.60	Peak	67.00	100	Horizontal	Pass
6**	15895.537	45.47	1.99	54.0	8.53	AV	67.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.800	38.41	-17.15	74.0	35.59	Peak	133.00	300	Vertical	Pass
1**	1598.800	28.34	-17.15	54.0	25.66	AV	133.00	300	Vertical	Pass
2	4255.750	47.23	-3.94	74.0	26.77	Peak	18.00	300	Vertical	Pass
2**	4255.750	37.86	-3.94	54.0	16.14	AV	18.00	300	Vertical	Pass
3	5661.500	88.71	-2.36	--	--	Peak	358.00	150	Vertical	N/A
3**	5661.500	80.12	-2.36	--	--	AV	358.00	150	Vertical	N/A
4	7707.750	53.58	1.53	74.0	20.42	Peak	242.00	200	Vertical	Pass
4**	7707.750	45.29	1.53	54.0	8.71	AV	242.00	200	Vertical	Pass
5	12002.588	52.50	0.43	74.0	21.50	Peak	65.00	100	Vertical	Pass
5**	12002.588	43.41	0.43	54.0	10.59	AV	65.00	100	Vertical	Pass
6	16120.237	54.69	1.91	74.0	19.31	Peak	19.00	200	Vertical	Pass
6**	16120.237	46.04	1.91	54.0	7.96	AV	19.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.100	38.21	-17.36	74.0	35.79	Peak	135.00	300	Horizontal	Pass
1**	1549.100	28.58	-17.36	54.0	25.42	AV	135.00	300	Horizontal	Pass
2	4162.500	47.05	-5.65	74.0	26.95	Peak	346.00	200	Horizontal	Pass
2**	4162.500	37.06	-5.65	54.0	16.94	AV	346.00	200	Horizontal	Pass
3	5538.500	94.80	-2.52	--	--	Peak	200.00	100	Horizontal	N/A
3**	5538.500	86.34	-2.52	--	--	AV	200.00	100	Horizontal	N/A
4	7711.500	53.58	1.98	74.0	20.42	Peak	149.00	100	Horizontal	Pass
4**	7711.500	45.58	1.98	54.0	8.42	AV	149.00	100	Horizontal	Pass
5	12497.299	52.20	1.42	74.0	21.80	Peak	251.00	150	Horizontal	Pass
5**	12497.299	43.93	1.42	54.0	10.07	AV	251.00	150	Horizontal	Pass
6	15920.474	55.57	1.67	74.0	18.43	Peak	133.00	200	Horizontal	Pass
6**	15920.474	46.58	1.67	54.0	7.42	AV	133.00	200	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	1523.000	39.33	-17.26	74.0	34.67	Peak	135.00	300	Vertical	Pass
1**	1523.000	29.31	-17.26	54.0	24.69	AV	135.00	300	Vertical	Pass
2	4255.750	46.89	-3.94	74.0	27.11	Peak	63.00	300	Vertical	Pass
2**	4255.750	37.86	-3.94	54.0	16.14	AV	63.00	300	Vertical	Pass
3	5552.750	84.50	-2.46	--	--	Peak	0.00	100	Vertical	N/A
3**	5552.750	76.18	-2.46	--	--	AV	0.00	100	Vertical	N/A
4	7705.250	53.98	2.03	74.0	20.02	Peak	293.00	200	Vertical	Pass
4**	7705.250	45.02	2.03	54.0	8.98	AV	293.00	200	Vertical	Pass
5	12018.737	52.38	0.21	74.0	21.62	Peak	157.00	100	Vertical	Pass
5**	12018.737	42.68	0.21	54.0	11.32	AV	157.00	100	Vertical	Pass
6	16099.237	54.34	1.74	74.0	19.66	Peak	242.00	200	Vertical	Pass
6**	16099.237	45.20	1.74	54.0	8.80	AV	242.00	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	1502.400	38.70	-17.18	74.0	35.30	Peak	13.00	300	Horizontal	Pass
1**	1502.400	28.20	-17.18	54.0	25.80	AV	13.00	300	Horizontal	Pass
2	4387.000	47.49	-4.61	74.0	26.51	Peak	226.00	300	Horizontal	Pass
2**	4387.000	38.21	-4.61	54.0	15.79	AV	226.00	300	Horizontal	Pass
3	5634.250	98.29	-2.31	--	--	Peak	157.00	150	Horizontal	N/A
3**	5634.250	90.06	-2.31	--	--	AV	157.00	150	Horizontal	N/A
4	7721.000	53.55	0.98	74.0	20.45	Peak	89.00	400	Horizontal	Pass
4**	7721.000	44.01	0.98	54.0	9.99	AV	89.00	400	Horizontal	Pass
5	11603.350	52.21	-0.66	74.0	21.79	Peak	317.00	100	Horizontal	Pass
5**	11603.350	43.03	-0.66	54.0	10.97	AV	317.00	100	Horizontal	Pass
6	15906.037	54.58	1.92	74.0	19.42	Peak	104.00	200	Horizontal	Pass
6**	15906.037	45.61	1.92	54.0	8.39	AV	104.00	200	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	1494.100	38.24	-17.12	74.0	35.76	Peak	0.00	300	Vertical	Pass
1**	1494.100	28.46	-17.12	54.0	25.54	AV	0.00	300	Vertical	Pass
2	4116.750	47.01	-5.89	74.0	26.99	Peak	116.00	400	Vertical	Pass
2**	4116.750	36.97	-5.89	54.0	17.03	AV	116.00	400	Vertical	Pass
3	5634.000	88.87	-2.34	--	--	Peak	359.00	200	Vertical	N/A
3**	5634.000	82.06	-2.34	--	--	AV	359.00	200	Vertical	N/A
4	7697.750	53.63	1.01	74.0	20.37	Peak	55.00	200	Vertical	Pass
4**	7697.750	44.98	1.01	54.0	9.02	AV	55.00	200	Vertical	Pass
5	12408.950	52.87	1.09	74.0	21.13	Peak	307.00	200	Vertical	Pass
5**	12408.950	43.03	1.09	54.0	10.97	AV	307.00	200	Vertical	Pass
6	16094.513	54.95	1.68	74.0	19.05	Peak	330.00	200	Vertical	Pass
6**	16094.513	45.31	1.68	54.0	8.69	AV	330.00	200	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	1614.500	38.57	-17.10	74.0	35.43	Peak	334.00	200	Horizontal	Pass
1**	1614.500	29.81	-17.10	54.0	24.19	AV	334.00	200	Horizontal	Pass
2	4221.750	47.97	-4.98	74.0	26.03	Peak	19.00	100	Horizontal	Pass
2**	4221.750	37.47	-4.98	54.0	16.53	AV	19.00	100	Horizontal	Pass
3	5738.000	104.56	-2.01	--	--	Peak	161.00	200	Horizontal	N/A
3**	5738.000	97.10	-2.01	--	--	AV	161.00	200	Horizontal	N/A
4	7400.000	53.47	-0.05	74.0	20.53	Peak	352.00	400	Horizontal	Pass
4**	7400.000	43.41	-0.05	54.0	10.59	AV	352.00	400	Horizontal	Pass
5	11761.762	52.79	-0.18	74.0	21.21	Peak	75.00	150	Horizontal	Pass
5**	11761.762	42.98	-0.18	54.0	11.02	AV	75.00	150	Horizontal	Pass
6	15884.250	54.23	1.91	74.0	19.77	Peak	210.00	200	Horizontal	Pass
6**	15884.250	45.50	1.91	54.0	8.50	AV	210.00	200	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	1480.800	38.61	-16.76	74.0	35.39	Peak	138.00	400	Vertical	Pass
1**	1480.800	28.93	-16.76	54.0	25.07	AV	138.00	400	Vertical	Pass
2	4258.500	46.97	-4.26	74.0	27.03	Peak	18.00	200	Vertical	Pass
2**	4258.500	38.93	-4.26	54.0	15.07	AV	18.00	200	Vertical	Pass
3	5740.750	95.89	-2.11	--	--	Peak	357.00	150	Vertical	N/A
3**	5740.750	88.20	-2.11	--	--	AV	357.00	150	Vertical	N/A
4	7697.250	53.95	0.93	74.0	20.05	Peak	116.00	100	Vertical	Pass
4**	7697.250	43.86	0.93	54.0	10.14	AV	116.00	100	Vertical	Pass
5	12466.900	53.47	1.17	74.0	20.53	Peak	295.00	150	Vertical	Pass
5**	12466.900	42.76	1.17	54.0	11.24	AV	295.00	150	Vertical	Pass
6	16121.550	54.74	1.92	74.0	19.26	Peak	47.00	200	Vertical	Pass
6**	16121.550	45.94	1.92	54.0	8.06	AV	47.00	200	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	1475.800	38.17	-17.20	74.0	35.83	Peak	33.00	400	Horizontal	Pass
1**	1475.800	28.53	-17.20	54.0	25.47	AV	33.00	400	Horizontal	Pass
2	4628.250	49.54	-4.59	74.0	24.46	Peak	167.00	150	Horizontal	Pass
2**	4628.250	46.50	-4.59	54.0	7.50	AV	167.00	150	Horizontal	Pass
3	5778.000	105.03	-2.48	--	--	Peak	167.00	150	Horizontal	N/A
3**	5778.000	96.70	-2.48	--	--	AV	167.00	150	Horizontal	N/A
4	7716.000	54.13	1.44	74.0	19.87	Peak	266.00	400	Horizontal	Pass
4**	7716.000	44.62	1.44	54.0	9.38	AV	266.00	400	Horizontal	Pass
5	11800.475	52.89	-0.15	74.0	21.11	Peak	115.00	150	Horizontal	Pass
5**	11800.475	43.53	-0.15	54.0	10.47	AV	115.00	150	Horizontal	Pass
6	15687.900	54.77	1.73	74.0	19.23	Peak	42.00	200	Horizontal	Pass
6**	15687.900	44.81	1.73	54.0	9.19	AV	42.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	38.76	-17.03	74.0	35.24	Peak	295.00	100	Vertical	Pass
1**	1505.300	28.63	-17.03	54.0	25.37	AV	295.00	100	Vertical	Pass
2	4394.750	47.38	-4.64	74.0	26.62	Peak	239.00	100	Vertical	Pass
2**	4394.750	38.74	-4.64	54.0	15.26	AV	239.00	100	Vertical	Pass
3	5787.000	97.19	-2.45	--	--	Peak	359.00	150	Vertical	N/A
3**	5787.000	89.15	-2.45	--	--	AV	359.00	150	Vertical	N/A
4	7726.500	53.51	0.63	74.0	20.49	Peak	360.00	300	Vertical	Pass
4**	7726.500	43.65	0.63	54.0	10.35	AV	360.00	300	Vertical	Pass
5	12270.488	53.05	0.88	74.0	20.95	Peak	73.00	100	Vertical	Pass
5**	12270.488	43.48	0.88	54.0	10.52	AV	73.00	100	Vertical	Pass
6	16114.201	54.49	1.86	74.0	19.51	Peak	106.00	300	Vertical	Pass
6**	16114.201	46.31	1.86	54.0	7.69	AV	106.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	38.37	-17.15	74.0	35.63	Peak	339.00	200	Horizontal	Pass
1**	1439.700	29.06	-17.15	54.0	24.94	AV	339.00	200	Horizontal	Pass
2	4660.250	51.45	-4.00	74.0	22.55	Peak	136.00	150	Horizontal	Pass
2**	4660.250	47.94	-4.00	54.0	6.06	AV	136.00	150	Horizontal	Pass
3	5818.500	106.13	-2.26	--	--	Peak	136.00	150	Horizontal	N/A
3**	5818.500	99.34	-2.26	--	--	AV	136.00	150	Horizontal	N/A
4	7712.000	53.60	1.91	74.0	20.40	Peak	341.00	200	Horizontal	Pass
4**	7712.000	45.37	1.91	54.0	8.63	AV	341.00	200	Horizontal	Pass
5	11782.662	52.82	-0.16	74.0	21.18	Peak	64.00	150	Horizontal	Pass
5**	11782.662	43.11	-0.16	54.0	10.89	AV	64.00	150	Horizontal	Pass
6	16083.488	54.83	1.53	74.0	19.17	Peak	83.00	300	Horizontal	Pass
6**	16083.488	45.06	1.53	54.0	8.94	AV	83.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.900	38.22	-16.94	74.0	35.78	Peak	345.00	200	Vertical	Pass
1**	1512.900	29.15	-16.94	54.0	24.85	AV	345.00	200	Vertical	Pass
2	4314.250	47.47	-4.88	74.0	26.53	Peak	4.00	300	Vertical	Pass
2**	4314.250	37.58	-4.88	54.0	16.42	AV	4.00	300	Vertical	Pass
3	5820.250	97.32	-2.27	--	--	Peak	346.00	200	Vertical	N/A
3**	5820.250	88.35	-2.27	--	--	AV	346.00	200	Vertical	N/A
4	7710.500	53.32	1.96	74.0	20.68	Peak	136.00	400	Vertical	Pass
4**	7710.500	45.12	1.96	54.0	8.88	AV	136.00	400	Vertical	Pass
5	11253.987	52.66	-0.77	74.0	21.34	Peak	123.00	150	Vertical	Pass
5**	11253.987	42.78	-0.77	54.0	11.22	AV	123.00	150	Vertical	Pass
6	15657.975	54.68	2.06	74.0	19.32	Peak	88.00	300	Vertical	Pass
6**	15657.975	44.08	2.06	54.0	9.92	AV	88.00	300	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	1436.100	38.63	-17.14	74.0	35.37	Peak	102.00	300	Horizontal	Pass
1**	1436.100	29.19	-17.14	54.0	24.81	AV	102.00	300	Horizontal	Pass
2	4351.500	47.36	-4.51	74.0	26.64	Peak	191.00	100	Horizontal	Pass
2**	4351.500	38.20	-4.51	54.0	15.80	AV	191.00	100	Horizontal	Pass
3	5737.000	100.99	-2.19	--	--	Peak	166.00	200	Horizontal	N/A
3**	5737.000	92.89	-2.19	--	--	AV	166.00	200	Horizontal	N/A
4	7689.750	53.75	1.14	74.0	20.25	Peak	354.00	300	Horizontal	Pass
4**	7689.750	44.08	1.14	54.0	9.92	AV	354.00	300	Horizontal	Pass
5	11799.763	53.82	-0.15	74.0	20.18	Peak	61.00	150	Horizontal	Pass
5**	11799.763	42.88	-0.15	54.0	11.12	AV	61.00	150	Horizontal	Pass
6	15698.925	55.21	1.61	74.0	18.79	Peak	156.00	100	Horizontal	Pass
6**	15698.925	44.18	1.61	54.0	9.82	AV	156.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.800	38.65	-17.03	74.0	35.35	Peak	207.00	300	Vertical	Pass
1**	1444.800	29.82	-17.03	54.0	24.18	AV	207.00	300	Vertical	Pass
2	4397.000	47.33	-5.14	74.0	26.67	Peak	134.00	200	Vertical	Pass
2**	4397.000	37.71	-5.14	54.0	16.29	AV	134.00	200	Vertical	Pass
3	5741.000	92.97	-2.12	--	--	Peak	360.00	100	Vertical	N/A
3**	5741.000	84.72	-2.12	--	--	AV	360.00	100	Vertical	N/A
4	7710.250	53.20	1.90	74.0	20.80	Peak	341.00	200	Vertical	Pass
4**	7710.250	45.51	1.90	54.0	8.49	AV	341.00	200	Vertical	Pass
5	12441.962	52.52	1.05	74.0	21.48	Peak	54.00	100	Vertical	Pass
5**	12441.962	44.13	1.05	54.0	9.87	AV	54.00	100	Vertical	Pass
6	15657.975	55.64	2.06	74.0	18.36	Peak	13.00	200	Vertical	Pass
6**	15657.975	45.21	2.06	54.0	8.79	AV	13.00	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	1523.600	38.23	-17.28	74.0	35.77	Peak	173.00	400	Horizontal	Pass
1**	1523.600	28.54	-17.28	54.0	25.46	AV	173.00	400	Horizontal	Pass
2	4628.250	49.73	-4.59	74.0	24.27	Peak	127.00	150	Horizontal	Pass
2**	4628.250	46.33	-4.59	54.0	7.67	AV	127.00	150	Horizontal	Pass
3	5787.250	105.81	-2.42	--	--	Peak	152.00	100	Horizontal	N/A
3**	5787.250	98.24	-2.42	--	--	AV	152.00	100	Horizontal	N/A
4	7709.000	53.54	1.89	74.0	20.46	Peak	152.00	200	Horizontal	Pass
4**	7709.000	44.29	1.89	54.0	9.71	AV	152.00	200	Horizontal	Pass
5	11789.312	53.57	-0.16	74.0	20.43	Peak	349.00	200	Horizontal	Pass
5**	11789.312	43.40	-0.16	54.0	10.60	AV	349.00	200	Horizontal	Pass
6	16099.500	54.48	1.74	74.0	19.52	Peak	7.00	200	Horizontal	Pass
6**	16099.500	45.73	1.74	54.0	8.27	AV	7.00	200	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	1513.100	38.76	-16.80	74.0	35.24	Peak	334.00	200	Vertical	Pass
1**	1513.100	29.60	-16.80	54.0	24.40	AV	334.00	200	Vertical	Pass
2	4326.250	47.24	-5.11	74.0	26.76	Peak	43.00	100	Vertical	Pass
2**	4326.250	37.29	-5.11	54.0	16.71	AV	43.00	100	Vertical	Pass
3	5788.750	97.11	-2.35	--	--	Peak	360.00	100	Vertical	N/A
3**	5788.750	90.48	-2.35	--	--	AV	360.00	100	Vertical	N/A
4	7673.750	53.38	0.65	74.0	20.62	Peak	290.00	400	Vertical	Pass
4**	7673.750	44.29	0.65	54.0	9.71	AV	290.00	400	Vertical	Pass
5	11726.375	52.39	-0.35	74.0	21.61	Peak	108.00	150	Vertical	Pass
5**	11726.375	43.57	-0.35	54.0	10.43	AV	108.00	150	Vertical	Pass
6	15907.613	54.92	1.89	74.0	19.08	Peak	133.00	300	Vertical	Pass
6**	15907.613	45.62	1.89	54.0	8.38	AV	133.00	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	1612.700	38.26	-16.72	74.0	35.74	Peak	323.00	200	Horizontal	Pass
1**	1612.700	29.87	-16.72	54.0	24.13	AV	323.00	200	Horizontal	Pass
2	4660.250	49.67	-4.00	74.0	24.33	Peak	158.00	150	Horizontal	Pass
2**	4660.250	46.71	-4.00	54.0	7.29	AV	158.00	150	Horizontal	Pass
3	5831.750	104.81	-2.28	--	--	Peak	137.00	150	Horizontal	N/A
3**	5831.750	96.39	-2.28	--	--	AV	137.00	150	Horizontal	N/A
4	7678.250	53.67	1.13	74.0	20.33	Peak	0.00	400	Horizontal	Pass
4**	7678.250	44.92	1.13	54.0	9.08	AV	0.00	400	Horizontal	Pass
5	11765.800	52.29	-0.18	74.0	21.71	Peak	254.00	150	Horizontal	Pass
5**	11765.800	43.45	-0.18	54.0	10.55	AV	254.00	150	Horizontal	Pass
6	15890.813	54.51	1.96	74.0	19.49	Peak	242.00	200	Horizontal	Pass
6**	15890.813	45.87	1.96	54.0	8.13	AV	242.00	200	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	1609.500	38.21	-16.96	74.0	35.79	Peak	141.00	100	Vertical	Pass
1**	1609.500	29.25	-16.96	54.0	24.75	AV	141.00	100	Vertical	Pass
2	4206.750	46.84	-5.16	74.0	27.16	Peak	203.00	300	Vertical	Pass
2**	4206.750	37.75	-5.16	54.0	16.25	AV	203.00	300	Vertical	Pass
3	5822.000	96.17	-2.40	--	--	Peak	344.00	100	Vertical	N/A
3**	5822.000	88.40	-2.40	--	--	AV	344.00	100	Vertical	N/A
4	7736.750	53.52	0.17	74.0	20.48	Peak	203.00	400	Vertical	Pass
4**	7736.750	44.04	0.17	54.0	9.96	AV	203.00	400	Vertical	Pass
5	12232.724	52.66	0.86	74.0	21.34	Peak	231.00	100	Vertical	Pass
5**	12232.724	43.13	0.86	54.0	10.87	AV	231.00	100	Vertical	Pass
6	16081.125	55.01	1.50	74.0	18.99	Peak	229.00	100	Vertical	Pass
6**	16081.125	45.39	1.50	54.0	8.61	AV	229.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.100	38.30	-17.04	74.0	35.70	Peak	59.00	200	Horizontal	Pass
1**	1597.100	28.71	-17.04	54.0	25.29	AV	59.00	200	Horizontal	Pass
2	4367.750	47.15	-4.61	74.0	26.85	Peak	95.00	300	Horizontal	Pass
2**	4367.750	38.40	-4.61	54.0	15.60	AV	95.00	300	Horizontal	Pass
3	5750.750	97.18	-2.12	--	--	Peak	142.00	150	Horizontal	N/A
3**	5750.750	89.74	-2.12	--	--	AV	142.00	150	Horizontal	N/A
4	7705.000	53.77	2.03	74.0	20.23	Peak	49.00	400	Horizontal	Pass
4**	7705.000	45.10	2.03	54.0	8.90	AV	49.00	400	Horizontal	Pass
5	12535.537	52.81	1.23	74.0	21.19	Peak	13.00	150	Horizontal	Pass
5**	12535.537	43.10	1.23	54.0	10.90	AV	13.00	150	Horizontal	Pass
6	16097.401	54.96	1.72	74.0	19.04	Peak	360.00	400	Horizontal	Pass
6**	16097.401	44.86	1.72	54.0	9.14	AV	360.00	400	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	1533.200	38.75	-17.07	74.0	35.25	Peak	360.00	300	Vertical	Pass
1**	1533.200	29.95	-17.07	54.0	24.05	AV	360.00	300	Vertical	Pass
2	4358.000	46.93	-4.58	74.0	27.07	Peak	83.00	400	Vertical	Pass
2**	4358.000	37.70	-4.58	54.0	16.30	AV	83.00	400	Vertical	Pass
3	5752.500	87.41	-2.24	--	--	Peak	341.00	200	Vertical	N/A
3**	5752.500	79.29	-2.24	--	--	AV	341.00	200	Vertical	N/A
4	7712.750	53.82	1.76	74.0	20.18	Peak	295.00	200	Vertical	Pass
4**	7712.750	45.70	1.76	54.0	8.30	AV	295.00	200	Vertical	Pass
5	11778.625	53.45	-0.17	74.0	20.55	Peak	2.00	150	Vertical	Pass
5**	11778.625	43.52	-0.17	54.0	10.48	AV	2.00	150	Vertical	Pass
6	16139.400	54.44	2.07	74.0	19.56	Peak	360.00	100	Vertical	Pass
6**	16139.400	45.65	2.07	54.0	8.35	AV	360.00	100	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	1583.300	38.07	-16.83	74.0	35.93	Peak	360.00	100	Horizontal	Pass
1**	1583.300	29.05	-16.83	54.0	24.95	AV	360.00	100	Horizontal	Pass
2	4636.250	49.67	-4.22	74.0	24.33	Peak	154.00	100	Horizontal	Pass
2**	4636.250	47.04	-4.22	54.0	6.96	AV	154.00	100	Horizontal	Pass
3	5790.250	104.98	-2.31	--	--	Peak	154.00	100	Horizontal	N/A
3**	5790.250	97.80	-2.31	--	--	AV	154.00	100	Horizontal	N/A
4	7690.250	53.55	0.86	74.0	20.45	Peak	176.00	100	Horizontal	Pass
4**	7690.250	44.77	0.86	54.0	9.23	AV	176.00	100	Horizontal	Pass
5	11756.300	52.53	-0.19	74.0	21.47	Peak	240.00	150	Horizontal	Pass
5**	11756.300	43.78	-0.19	54.0	10.22	AV	240.00	150	Horizontal	Pass
6	16090.313	54.75	1.62	74.0	19.25	Peak	324.00	300	Horizontal	Pass
6**	16090.313	45.28	1.62	54.0	8.72	AV	324.00	300	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	1625.100	38.74	-17.00	74.0	35.26	Peak	27.00	400	Vertical	Pass
1**	1625.100	28.78	-17.00	54.0	25.22	AV	27.00	400	Vertical	Pass
2	4366.750	46.86	-4.85	74.0	27.14	Peak	198.00	400	Vertical	Pass
2**	4366.750	37.69	-4.85	54.0	16.31	AV	198.00	400	Vertical	Pass
3	5792.750	96.29	-2.18	--	--	Peak	341.00	150	Vertical	N/A
3**	5792.750	88.87	-2.18	--	--	AV	341.00	150	Vertical	N/A
4	7711.000	53.53	1.81	74.0	20.47	Peak	85.00	300	Vertical	Pass
4**	7711.000	44.52	1.81	54.0	9.48	AV	85.00	300	Vertical	Pass
5	11752.500	52.31	-0.19	74.0	21.69	Peak	160.00	100	Vertical	Pass
5**	11752.500	43.73	-0.19	54.0	10.27	AV	160.00	100	Vertical	Pass
6	16098.450	54.76	1.73	74.0	19.24	Peak	35.00	400	Vertical	Pass
6**	16098.450	46.80	1.73	54.0	7.20	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.600	38.31	-16.86	74.0	35.69	Peak	52.00	100	Horizontal	Pass
1**	1603.600	28.83	-16.86	54.0	25.17	AV	52.00	100	Horizontal	Pass
2	4207.750	47.33	-4.90	74.0	26.67	Peak	181.00	200	Horizontal	Pass
2**	4207.750	37.80	-4.90	54.0	16.20	AV	181.00	200	Horizontal	Pass
3	5737.750	101.17	-2.17	--	--	Peak	181.00	150	Horizontal	N/A
3**	5737.750	93.32	-2.17	--	--	AV	181.00	150	Horizontal	N/A
4	7316.000	53.26	0.53	74.0	20.74	Peak	360.00	300	Horizontal	Pass
4**	7316.000	43.31	0.53	54.0	10.69	AV	360.00	300	Horizontal	Pass
5	11671.987	52.90	-0.98	74.0	21.10	Peak	322.00	200	Horizontal	Pass
5**	11671.987	42.89	-0.98	54.0	11.11	AV	322.00	200	Horizontal	Pass
6	16111.575	54.82	1.84	74.0	19.18	Peak	52.00	200	Horizontal	Pass
6**	16111.575	45.10	1.84	54.0	8.90	AV	52.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.000	38.32	-16.97	74.0	35.68	Peak	72.00	300	Vertical	Pass
1**	1487.000	29.31	-16.97	54.0	24.69	AV	72.00	300	Vertical	Pass
2	4297.750	47.06	-4.97	74.0	26.94	Peak	101.00	100	Vertical	Pass
2**	4297.750	37.97	-4.97	54.0	16.03	AV	101.00	100	Vertical	Pass
3	5737.250	92.83	-2.15	--	--	Peak	359.00	100	Vertical	N/A
3**	5737.250	84.05	-2.15	--	--	AV	359.00	100	Vertical	N/A
4	7712.750	54.02	1.76	74.0	19.98	Peak	189.00	400	Vertical	Pass
4**	7712.750	44.65	1.76	54.0	9.35	AV	189.00	400	Vertical	Pass
5	11355.162	52.96	-2.33	74.0	21.04	Peak	265.00	150	Vertical	Pass
5**	11355.162	41.74	-2.33	54.0	12.26	AV	265.00	150	Vertical	Pass
6	16103.175	55.01	1.78	74.0	18.99	Peak	8.00	400	Vertical	Pass
6**	16103.175	45.81	1.78	54.0	8.19	AV	8.00	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	1611.900	38.71	-16.83	74.0	35.29	Peak	215.00	100	Horizontal	Pass
1**	1611.900	29.21	-16.83	54.0	24.79	AV	215.00	100	Horizontal	Pass
2	4628.000	50.84	-4.40	74.0	23.16	Peak	164.00	100	Horizontal	Pass
2**	4628.000	47.31	-4.40	54.0	6.69	AV	164.00	100	Horizontal	Pass
3	5792.750	106.15	-2.18	--	--	Peak	164.00	100	Horizontal	N/A
3**	5792.750	98.27	-2.18	--	--	AV	164.00	100	Horizontal	N/A
4	7331.000	53.44	-0.11	74.0	20.56	Peak	52.00	100	Horizontal	Pass
4**	7331.000	44.25	-0.11	54.0	9.75	AV	52.00	100	Horizontal	Pass
5	12468.325	52.44	1.18	74.0	21.56	Peak	132.00	100	Horizontal	Pass
5**	12468.325	43.17	1.18	54.0	10.83	AV	132.00	100	Horizontal	Pass
6	15920.474	55.21	1.67	74.0	18.79	Peak	249.00	400	Horizontal	Pass
6**	15920.474	45.38	1.67	54.0	8.62	AV	249.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	38.76	-17.03	74.0	35.24	Peak	295.00	100	Vertical	Pass
1**	1505.300	28.63	-17.03	54.0	25.37	AV	295.00	100	Vertical	Pass
2	4394.750	47.38	-4.64	74.0	26.62	Peak	239.00	100	Vertical	Pass
2**	4394.750	38.74	-4.64	54.0	15.26	AV	239.00	100	Vertical	Pass
3	5787.000	97.19	-2.45	--	--	Peak	359.00	150	Vertical	N/A
3**	5787.000	89.15	-2.45	--	--	AV	359.00	150	Vertical	N/A
4	7726.500	53.51	0.63	74.0	20.49	Peak	360.00	300	Vertical	Pass
4**	7726.500	43.65	0.63	54.0	10.35	AV	360.00	300	Vertical	Pass
5	12270.488	53.05	0.88	74.0	20.95	Peak	73.00	100	Vertical	Pass
5**	12270.488	43.48	0.88	54.0	10.52	AV	73.00	100	Vertical	Pass
6	16114.201	54.49	1.86	74.0	19.51	Peak	106.00	300	Vertical	Pass
6**	16114.201	46.31	1.86	54.0	7.69	AV	106.00	300	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	1457.700	38.46	-17.04	74.0	35.54	Peak	220.00	100	Horizontal	Pass
1**	1457.700	29.08	-17.04	54.0	24.92	AV	220.00	100	Horizontal	Pass
2	4660.250	49.31	-4.00	74.0	24.69	Peak	163.00	100	Horizontal	Pass
2**	4660.250	45.42	-4.00	54.0	8.58	AV	163.00	100	Horizontal	Pass
3	5818.250	104.80	-2.23	--	--	Peak	163.00	100	Horizontal	N/A
3**	5818.250	97.19	-2.23	--	--	AV	163.00	100	Horizontal	N/A
4	7659.250	53.47	1.09	74.0	20.53	Peak	1.00	300	Horizontal	Pass
4**	7659.250	43.80	1.09	54.0	10.20	AV	1.00	300	Horizontal	Pass
5	11758.200	53.27	-0.19	74.0	20.73	Peak	84.00	100	Horizontal	Pass
5**	11758.200	44.41	-0.19	54.0	9.59	AV	84.00	100	Horizontal	Pass
6	16093.200	54.41	1.66	74.0	19.59	Peak	303.00	200	Horizontal	Pass
6**	16093.200	45.45	1.66	54.0	8.55	AV	303.00	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	1611.700	38.31	-16.87	74.0	35.69	Peak	0.00	200	Vertical	Pass
1**	1611.700	28.97	-16.87	54.0	25.03	AV	0.00	200	Vertical	Pass
2	4142.750	47.56	-5.52	74.0	26.44	Peak	83.00	100	Vertical	Pass
2**	4142.750	37.73	-5.52	54.0	16.27	AV	83.00	100	Vertical	Pass
3	5818.000	96.20	-2.41	--	--	Peak	344.00	150	Vertical	N/A
3**	5818.000	88.25	-2.41	--	--	AV	344.00	150	Vertical	N/A
4	7560.250	53.74	0.33	74.0	20.26	Peak	325.00	400	Vertical	Pass
4**	7560.250	43.41	0.33	54.0	10.59	AV	325.00	400	Vertical	Pass
5	11793.350	52.97	-0.15	74.0	21.03	Peak	230.00	150	Vertical	Pass
5**	11793.350	44.41	-0.15	54.0	9.59	AV	230.00	150	Vertical	Pass
6	16101.862	54.90	1.77	74.0	19.10	Peak	159.00	200	Vertical	Pass
6**	16101.862	45.72	1.77	54.0	8.28	AV	159.00	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	1443.300	39.00	-16.85	74.0	35.00	Peak	181.00	300	Horizontal	Pass
1**	1443.300	29.16	-16.85	54.0	24.84	AV	181.00	300	Horizontal	Pass
2	4253.500	47.06	-4.17	74.0	26.94	Peak	271.00	400	Horizontal	Pass
2**	4253.500	38.04	-4.17	54.0	15.96	AV	271.00	400	Horizontal	Pass
3	5752.750	97.88	-2.16	--	--	Peak	127.00	100	Horizontal	N/A
3**	5752.750	89.65	-2.16	--	--	AV	127.00	100	Horizontal	N/A
4	7715.250	53.64	1.51	74.0	20.36	Peak	271.00	100	Horizontal	Pass
4**	7715.250	44.91	1.51	54.0	9.09	AV	271.00	100	Horizontal	Pass
5	11678.162	52.95	-0.88	74.0	21.05	Peak	58.00	200	Horizontal	Pass
5**	11678.162	42.92	-0.88	54.0	11.08	AV	58.00	200	Horizontal	Pass
6	15381.562	54.26	2.75	74.0	19.74	Peak	360.00	400	Horizontal	Pass
6**	15381.562	45.17	2.75	54.0	8.83	AV	360.00	400	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	1543.900	39.09	-17.27	74.0	34.91	Peak	200.00	200	Vertical	Pass
1**	1543.900	29.47	-17.27	54.0	24.53	AV	200.00	200	Vertical	Pass
2	4387.000	48.09	-4.61	74.0	25.91	Peak	75.00	300	Vertical	Pass
2**	4387.000	39.41	-4.61	54.0	14.59	AV	75.00	300	Vertical	Pass
3	5742.000	88.03	-2.08	--	--	Peak	341.00	150	Vertical	N/A
3**	5742.000	79.55	-2.08	--	--	AV	341.00	150	Vertical	N/A
4	7686.250	53.43	1.35	74.0	20.57	Peak	51.00	400	Vertical	Pass
4**	7686.250	43.89	1.35	54.0	10.11	AV	51.00	400	Vertical	Pass
5	12289.250	52.62	0.67	74.0	21.38	Peak	133.00	150	Vertical	Pass
5**	12289.250	42.16	0.67	54.0	11.84	AV	133.00	150	Vertical	Pass
6	16048.575	54.58	1.09	74.0	19.42	Peak	137.00	300	Vertical	Pass
6**	16048.575	44.89	1.09	54.0	9.11	AV	137.00	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	1483.200	38.34	-16.99	74.0	35.66	Peak	4.00	100	Horizontal	Pass
1**	1483.200	28.55	-16.99	54.0	25.45	AV	4.00	100	Horizontal	Pass
2	4636.250	50.61	-4.22	74.0	23.39	Peak	151.00	100	Horizontal	Pass
2**	4636.250	47.92	-4.22	54.0	6.08	AV	151.00	100	Horizontal	Pass
3	5793.000	106.06	-2.18	--	--	Peak	128.00	200	Horizontal	N/A
3**	5793.000	98.49	-2.18	--	--	AV	128.00	200	Horizontal	N/A
4	7417.500	53.36	0.71	74.0	20.64	Peak	290.00	200	Horizontal	Pass
4**	7417.500	44.49	0.71	54.0	9.51	AV	290.00	200	Horizontal	Pass
5	11797.151	52.42	-0.15	74.0	21.58	Peak	23.00	150	Horizontal	Pass
5**	11797.151	43.90	-0.15	54.0	10.10	AV	23.00	150	Horizontal	Pass
6	16114.987	55.93	1.87	74.0	18.07	Peak	281.00	100	Horizontal	Pass
6**	16114.987	45.38	1.87	54.0	8.62	AV	281.00	100	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	1472.500	38.60	-17.18	74.0	35.40	Peak	159.00	300	Vertical	Pass
1**	1472.500	29.28	-17.18	54.0	24.72	AV	159.00	300	Vertical	Pass
2	4359.000	47.25	-4.82	74.0	26.75	Peak	13.00	200	Vertical	Pass
2**	4359.000	37.51	-4.82	54.0	16.49	AV	13.00	200	Vertical	Pass
3	5790.500	96.20	-2.42	--	--	Peak	344.00	200	Vertical	N/A
3**	5790.500	88.02	-2.42	--	--	AV	344.00	200	Vertical	N/A
4	7685.500	54.16	1.17	74.0	19.84	Peak	220.00	200	Vertical	Pass
4**	7685.500	43.67	1.17	54.0	10.33	AV	220.00	200	Vertical	Pass
5	12448.137	52.36	1.04	74.0	21.64	Peak	228.00	100	Vertical	Pass
5**	12448.137	42.74	1.04	54.0	11.26	AV	228.00	100	Vertical	Pass
6	16110.788	54.51	1.84	74.0	19.49	Peak	334.00	300	Vertical	Pass
6**	16110.788	45.51	1.84	54.0	8.49	AV	334.00	300	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	1604.600	38.38	-16.79	74.0	35.62	Peak	114.00	200	Horizontal	Pass
1**	1604.600	29.34	-16.79	54.0	24.66	AV	114.00	200	Horizontal	Pass
2	4256.250	47.19	-4.17	74.0	26.81	Peak	266.00	100	Horizontal	Pass
2**	4256.250	38.21	-4.17	54.0	15.79	AV	266.00	100	Horizontal	Pass
3	5793.750	94.89	-2.16	--	--	Peak	144.00	150	Horizontal	N/A
3**	5793.750	87.25	-2.16	--	--	AV	144.00	150	Horizontal	N/A
4	7421.500	53.71	1.19	74.0	20.29	Peak	144.00	200	Horizontal	Pass
4**	7421.500	45.34	1.19	54.0	8.66	AV	144.00	200	Horizontal	Pass
5	11703.812	52.59	-0.49	74.0	21.41	Peak	52.00	100	Horizontal	Pass
5**	11703.812	43.05	-0.49	54.0	10.95	AV	52.00	100	Horizontal	Pass
6	16120.237	54.84	1.91	74.0	19.16	Peak	334.00	100	Horizontal	Pass
6**	16120.237	45.85	1.91	54.0	8.15	AV	334.00	100	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	1534.500	38.61	-16.98	74.0	35.39	Peak	0.00	200	Vertical	Pass
1**	1534.500	28.64	-16.98	54.0	25.36	AV	0.00	200	Vertical	Pass
2	4353.500	46.91	-4.72	74.0	27.09	Peak	144.00	100	Vertical	Pass
2**	4353.500	37.90	-4.72	54.0	16.10	AV	144.00	100	Vertical	Pass
3	5738.500	86.01	-1.91	--	--	Peak	341.00	150	Vertical	N/A
3**	5738.500	77.19	-1.91	--	--	AV	341.00	150	Vertical	N/A
4	7694.250	53.82	1.16	74.0	20.18	Peak	341.00	400	Vertical	Pass
4**	7694.250	44.45	1.16	54.0	9.55	AV	341.00	400	Vertical	Pass
5	11803.563	53.00	-0.19	74.0	21.00	Peak	339.00	150	Vertical	Pass
5**	11803.563	43.82	-0.19	54.0	10.18	AV	339.00	150	Vertical	Pass
6	15908.138	55.09	1.89	74.0	18.91	Peak	50.00	300	Vertical	Pass
6**	15908.138	45.25	1.89	54.0	8.75	AV	50.00	300	Vertical	Pass

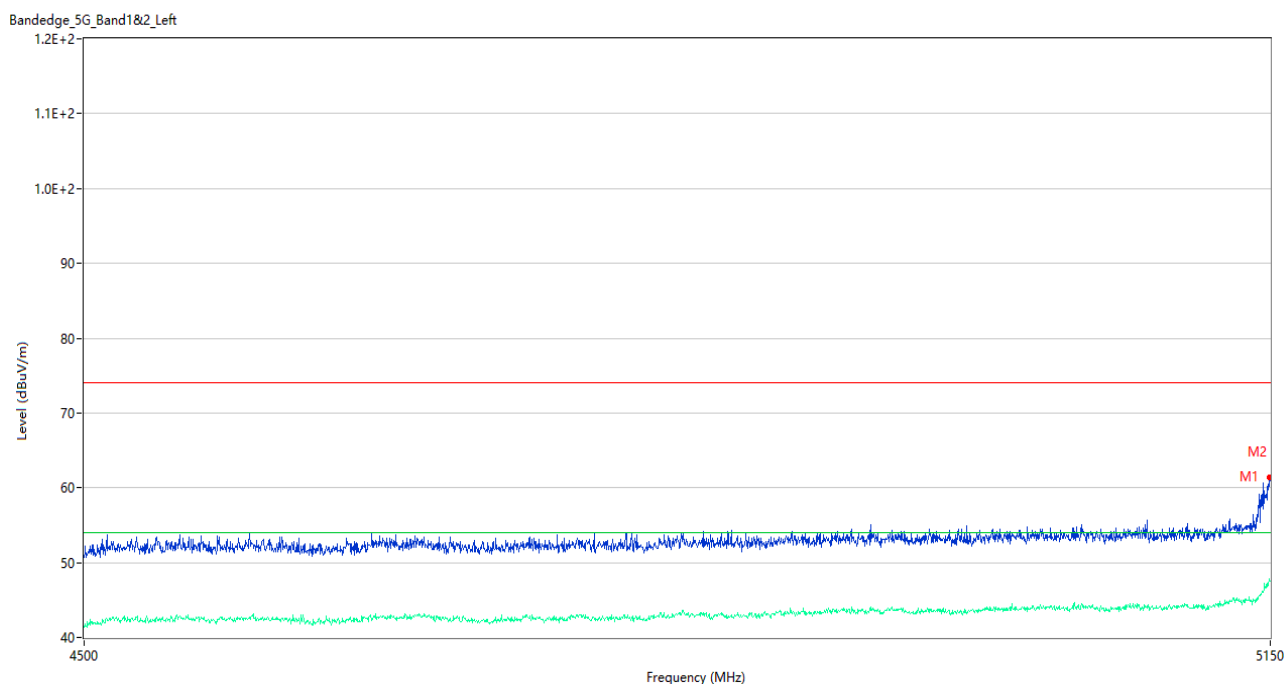
A.6.2 Band Edge (Restricted-band)

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

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

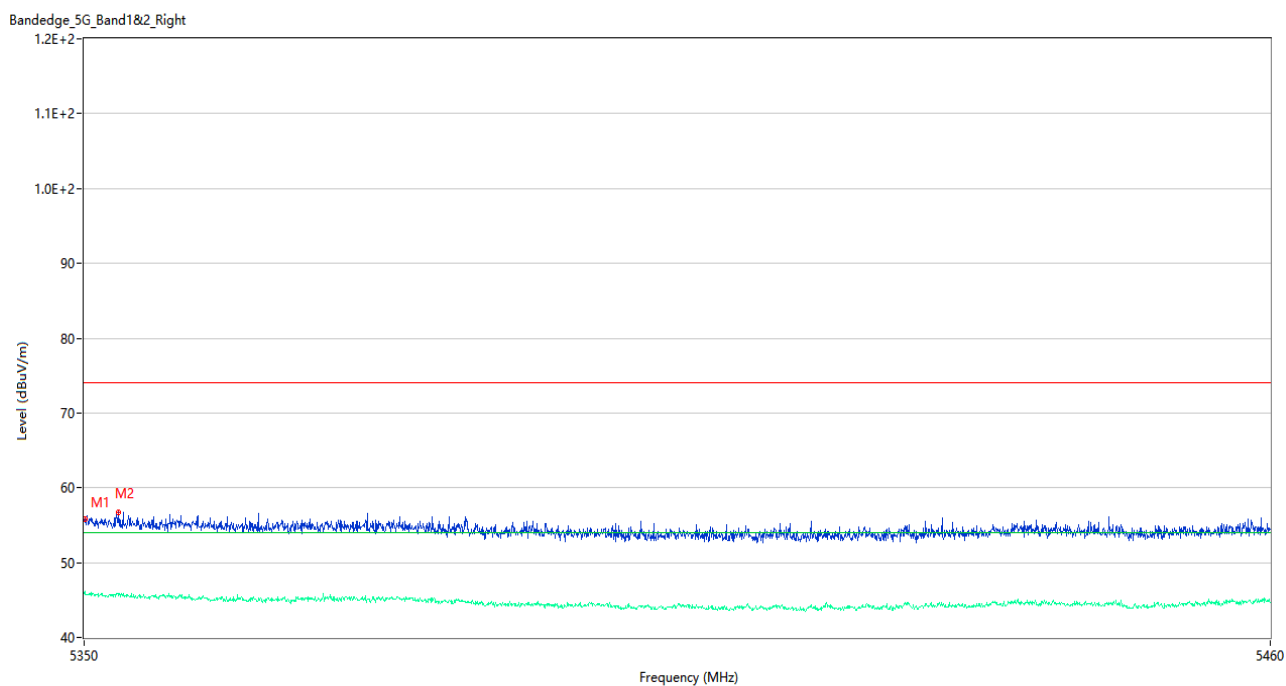
Test Data and Plots

U-NII-1 11a Low Channel



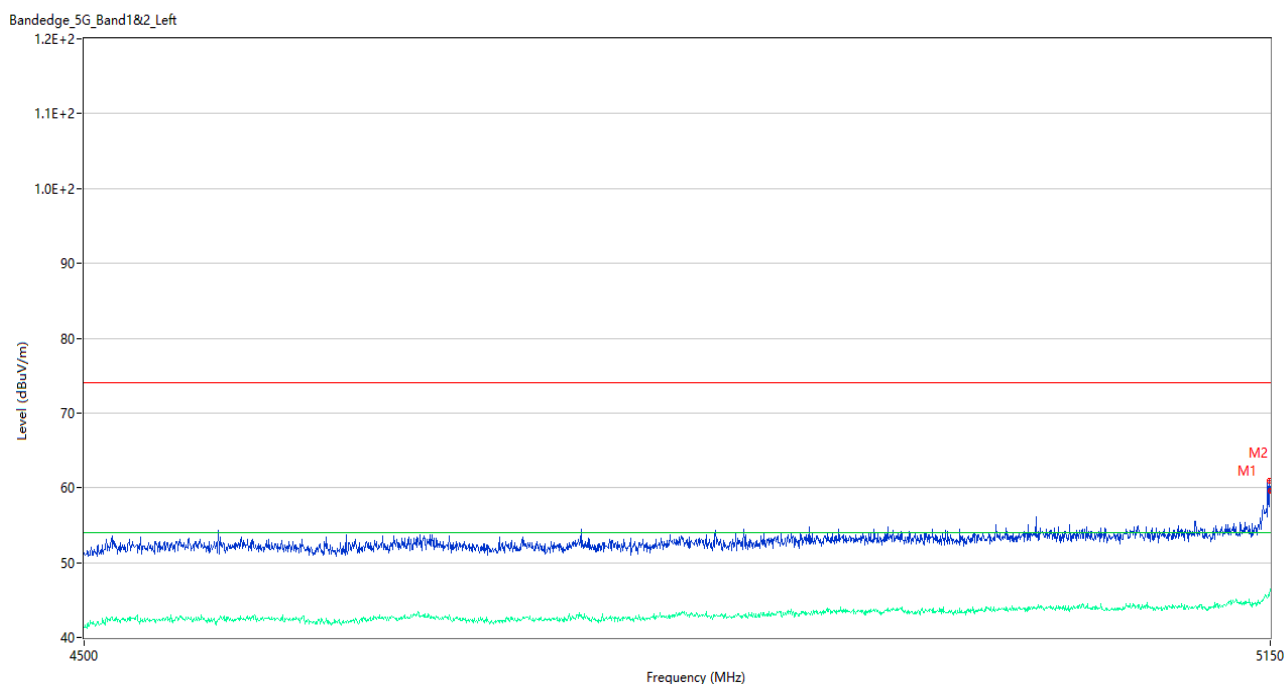
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.37	2.85	74.0	12.63	Peak	142.00	150	Horizontal	Pass
1**	5149.350	47.81	2.85	54.0	6.19	AV	142.00	150	Horizontal	Pass
2	5150.000	61.32	2.86	74.0	12.68	Peak	232.00	100	Horizontal	Pass
2**	5150.000	47.55	2.86	54.0	6.45	AV	232.00	100	Horizontal	Pass

U-NII-1 11a High Channel



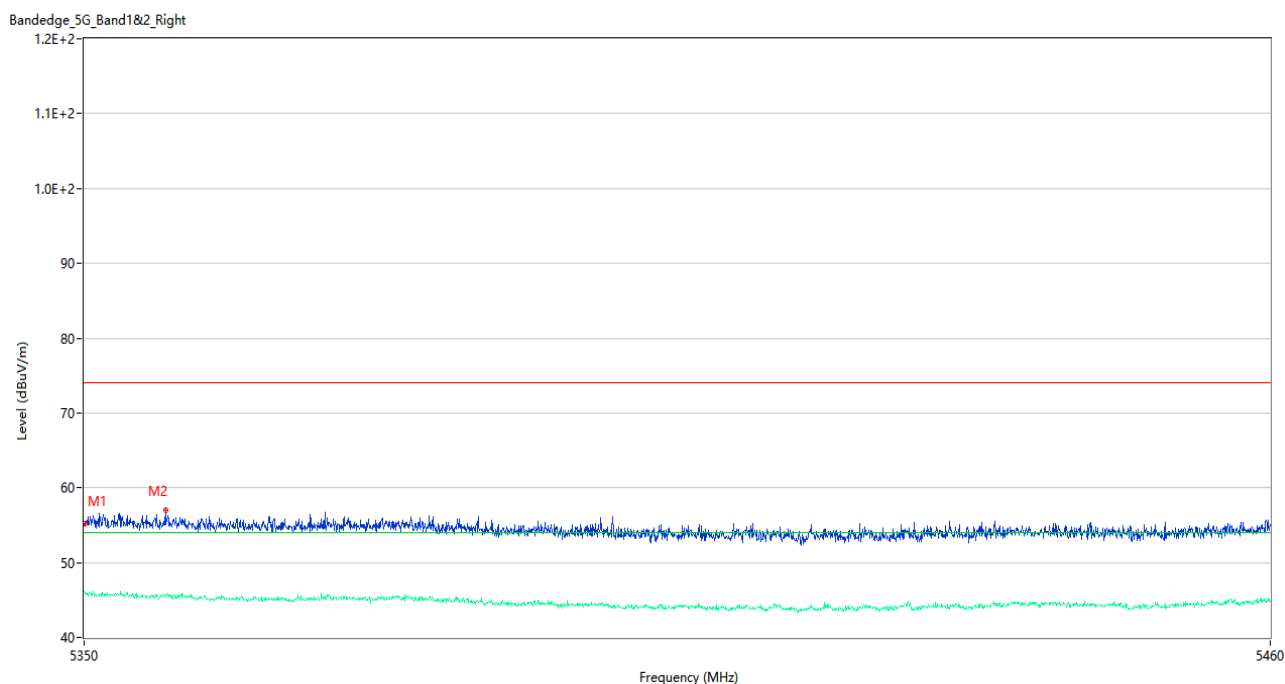
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.88	3.30	74.0	18.12	Peak	190.00	100	Horizontal	Pass
1**	5350.055	46.15	3.30	54.0	7.85	AV	190.00	100	Horizontal	Pass
2	5353.190	56.77	3.20	74.0	17.23	Peak	278.00	100	Horizontal	Pass
2**	5353.190	45.62	3.20	54.0	8.38	AV	278.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



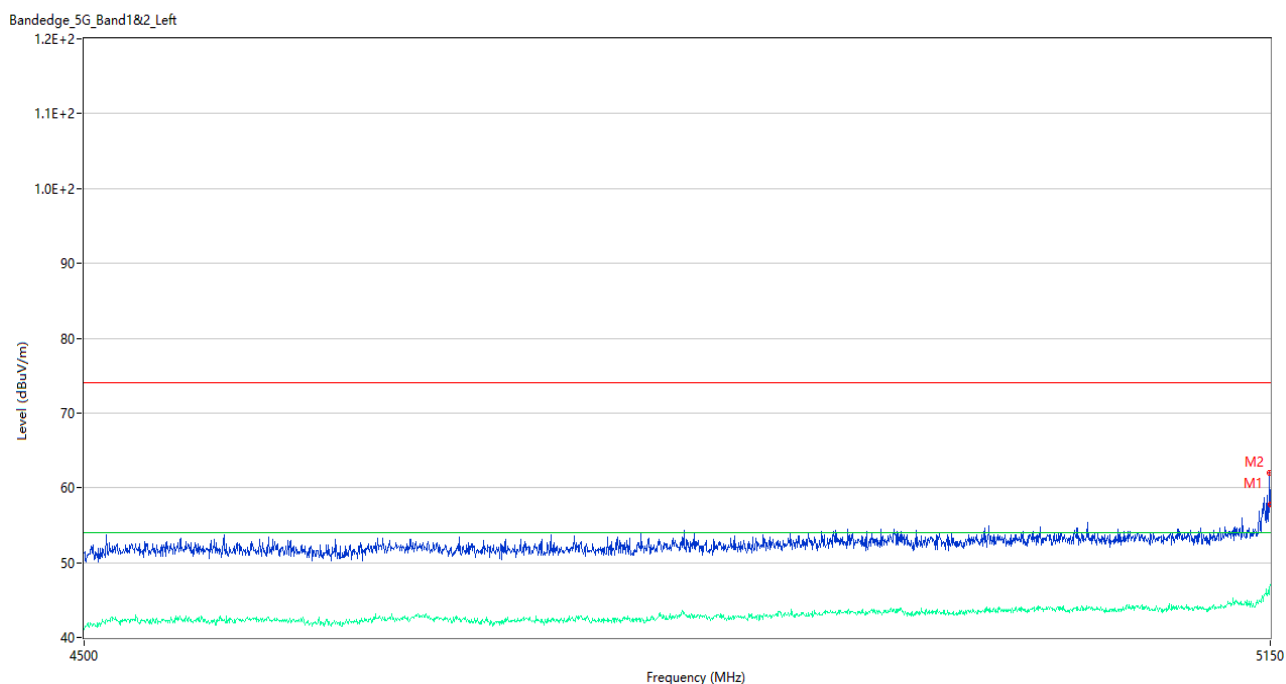
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.95	2.85	74.0	13.05	Peak	156.00	100	Horizontal	Pass
1**	5149.675	45.59	2.85	54.0	8.41	AV	156.00	100	Horizontal	Pass
2	5150.000	59.56	2.86	74.0	14.44	Peak	175.00	100	Horizontal	Pass
2**	5150.000	46.44	2.86	54.0	7.56	AV	175.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



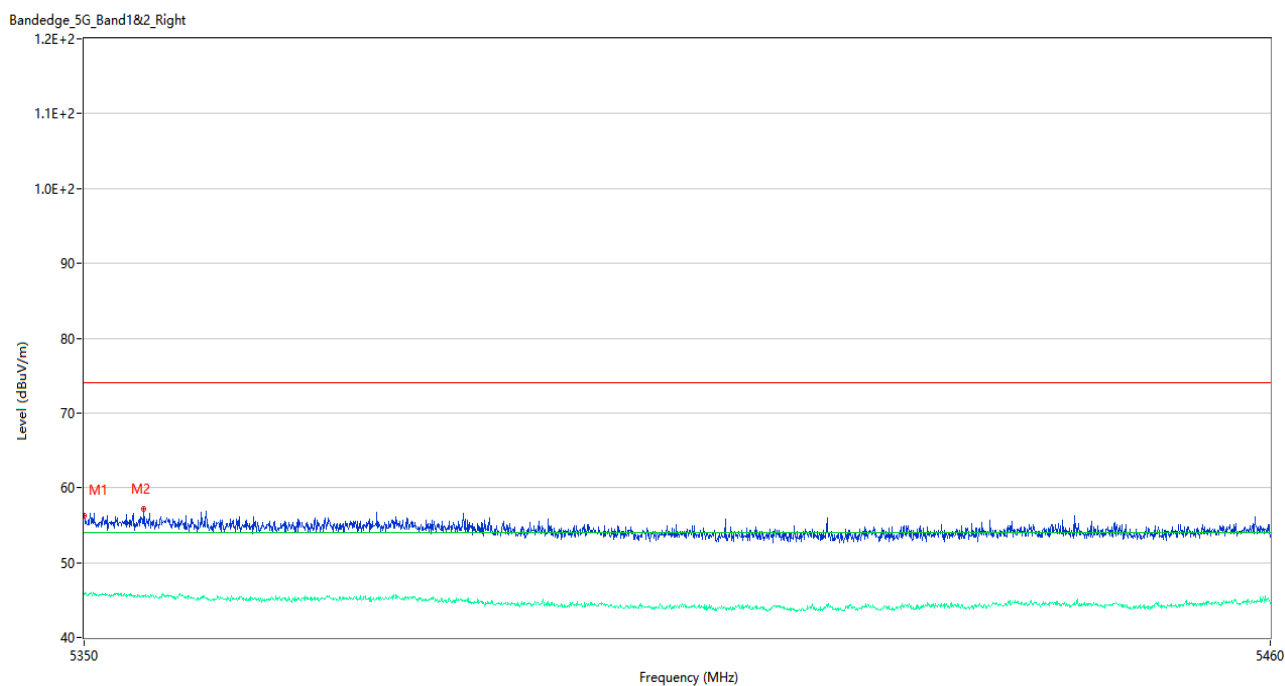
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.16	3.30	74.0	18.84	Peak	173.00	150	Horizontal	Pass
1**	5350.055	46.00	3.30	54.0	8.00	AV	173.00	150	Horizontal	Pass
2	5357.480	57.02	3.08	74.0	16.98	Peak	263.00	150	Horizontal	Pass
2**	5357.480	45.58	3.08	54.0	8.42	AV	263.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



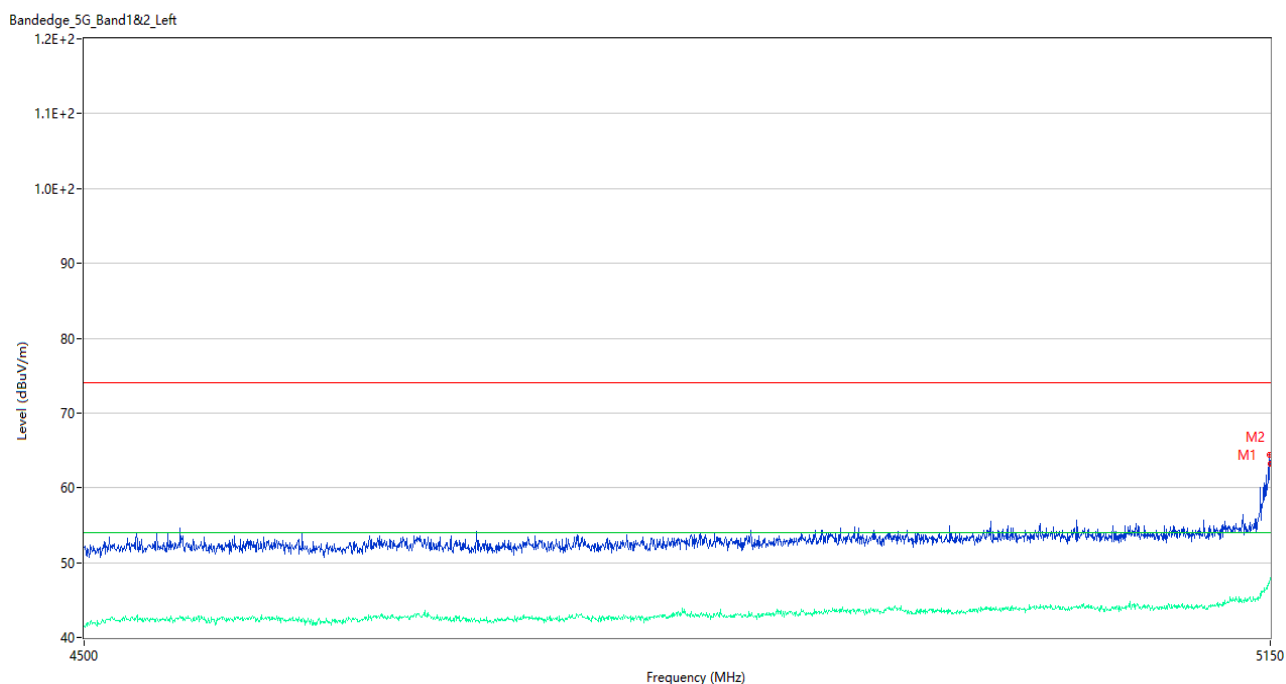
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	61.94	2.85	74.0	12.06	Peak	285.00	200	Horizontal	Pass
1**	5149.675	46.47	2.85	54.0	7.53	AV	285.00	200	Horizontal	Pass
2	5150.000	57.79	2.86	74.0	16.21	Peak	278.00	200	Horizontal	Pass
2**	5150.000	47.06	2.86	54.0	6.94	AV	278.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



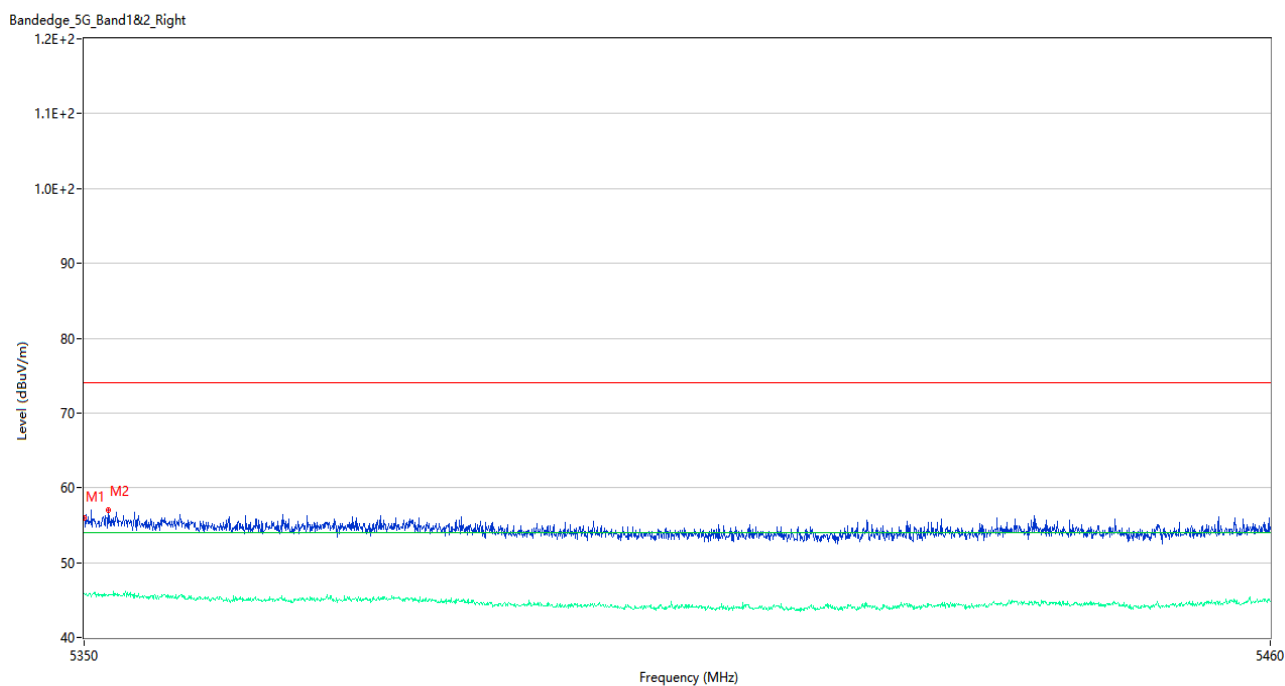
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.27	3.32	74.0	17.73	Peak	315.00	150	Horizontal	Pass
1**	5350.000	45.78	3.32	54.0	8.22	AV	315.00	150	Horizontal	Pass
2	5355.500	57.12	2.95	74.0	16.88	Peak	360.00	200	Horizontal	Pass
2**	5355.500	45.55	2.95	54.0	8.45	AV	360.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



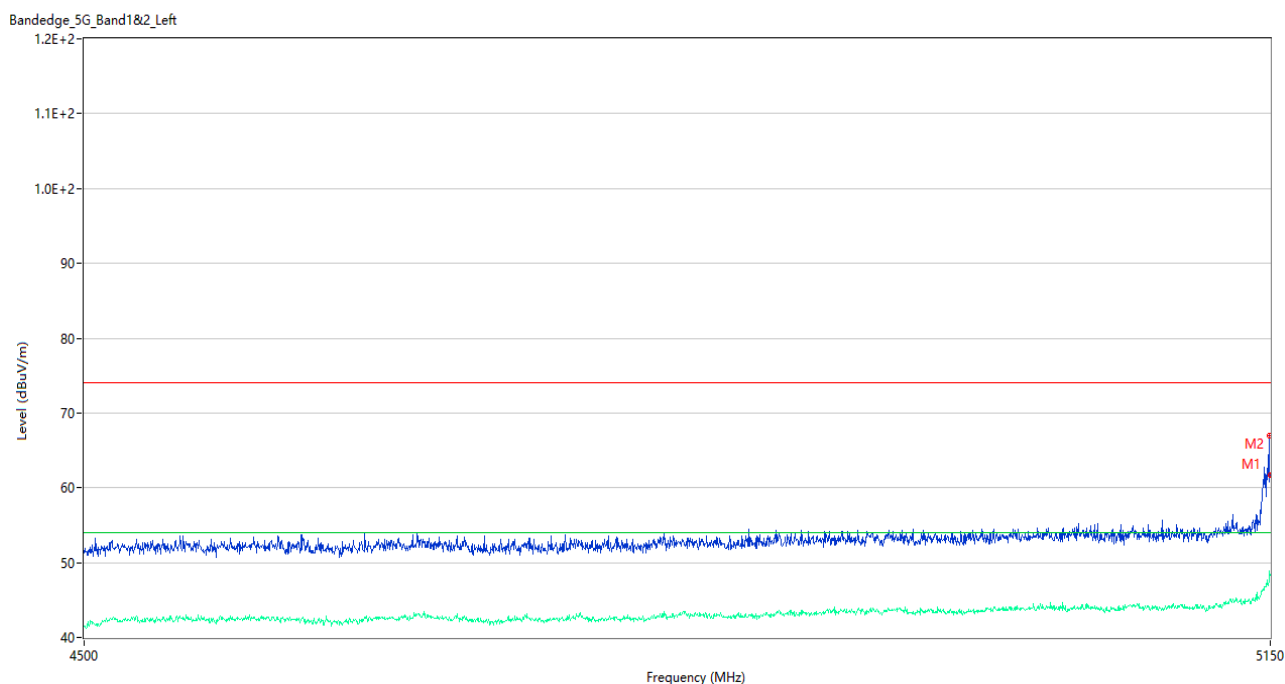
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	64.34	2.85	74.0	9.66	Peak	126.00	150	Horizontal	Pass
1**	5149.675	47.26	2.85	54.0	6.74	AV	126.00	150	Horizontal	Pass
2	5150.000	63.18	2.86	74.0	10.82	Peak	175.00	150	Horizontal	Pass
2**	5150.000	48.05	2.86	54.0	5.95	AV	175.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



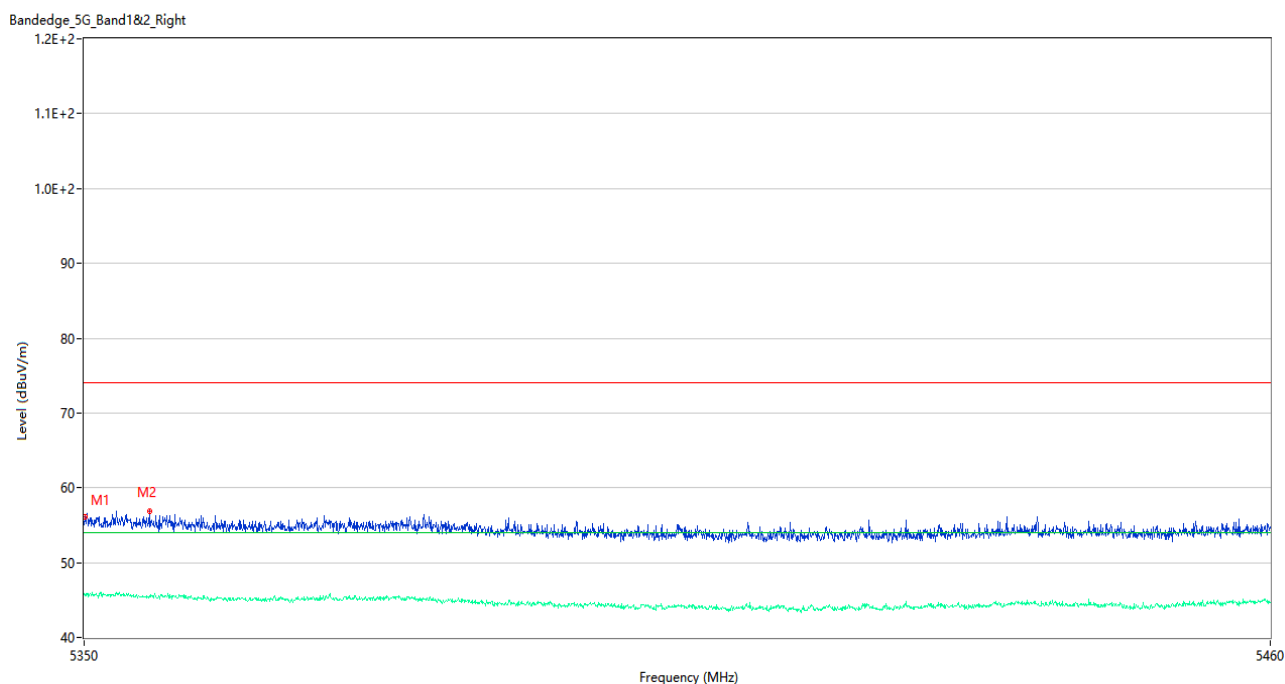
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.93	3.32	74.0	18.07	Peak	360.00	100	Horizontal	Pass
1**	5350.000	45.89	3.32	54.0	8.11	AV	360.00	100	Horizontal	Pass
2	5352.255	57.05	3.09	74.0	16.95	Peak	213.00	200	Horizontal	Pass
2**	5352.255	45.59	3.09	54.0	8.41	AV	213.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



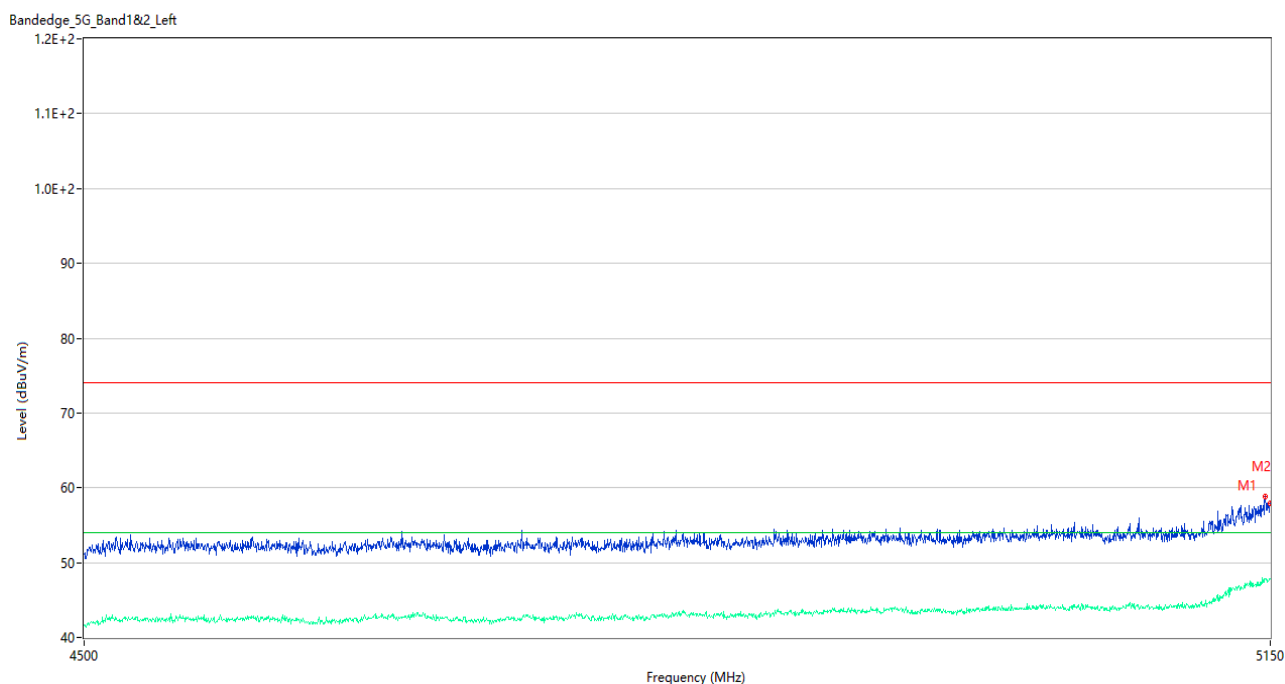
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	67.01	2.85	74.0	6.99	Peak	182.00	200	Horizontal	Pass
1**	5149.350	47.39	2.85	54.0	6.61	AV	182.00	200	Horizontal	Pass
2	5150.000	61.75	2.86	74.0	12.25	Peak	250.00	200	Horizontal	Pass
2**	5150.000	48.27	2.86	54.0	5.73	AV	250.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



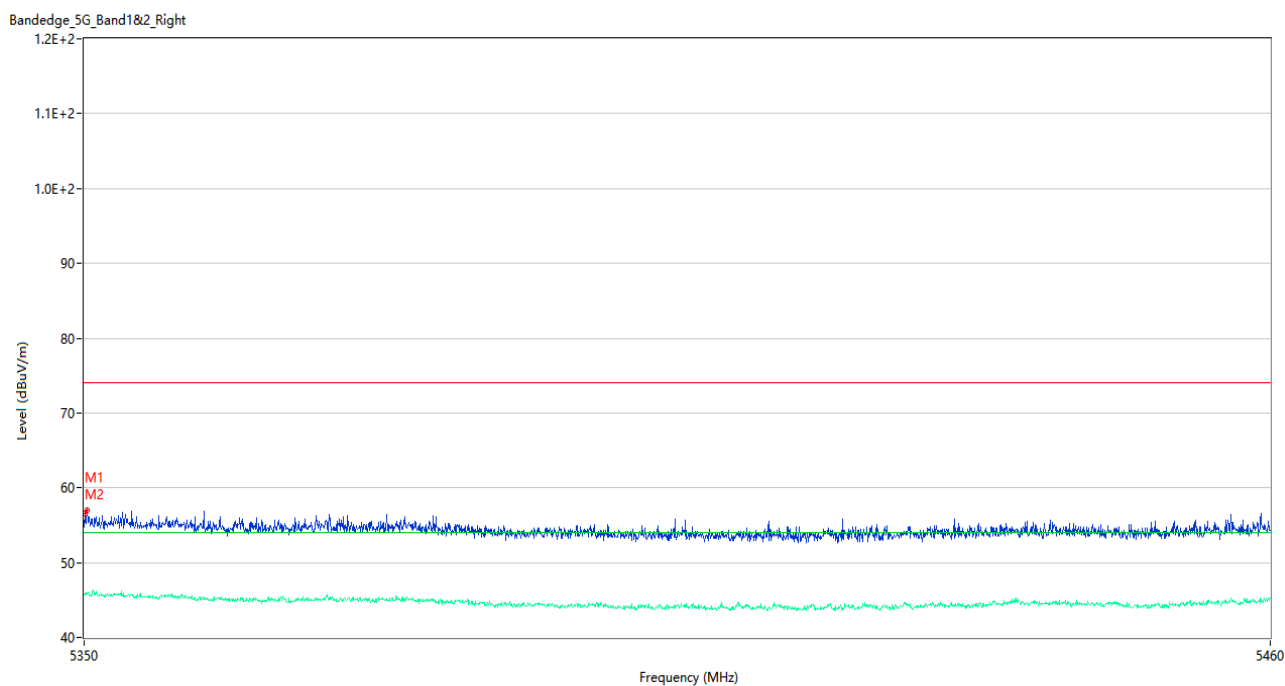
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.13	3.30	74.0	17.87	Peak	30.00	150	Horizontal	Pass
1**	5350.055	45.61	3.30	54.0	8.39	AV	30.00	150	Horizontal	Pass
2	5355.995	56.84	2.80	74.0	17.16	Peak	193.00	200	Horizontal	Pass
2**	5355.995	45.36	2.80	54.0	8.64	AV	193.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



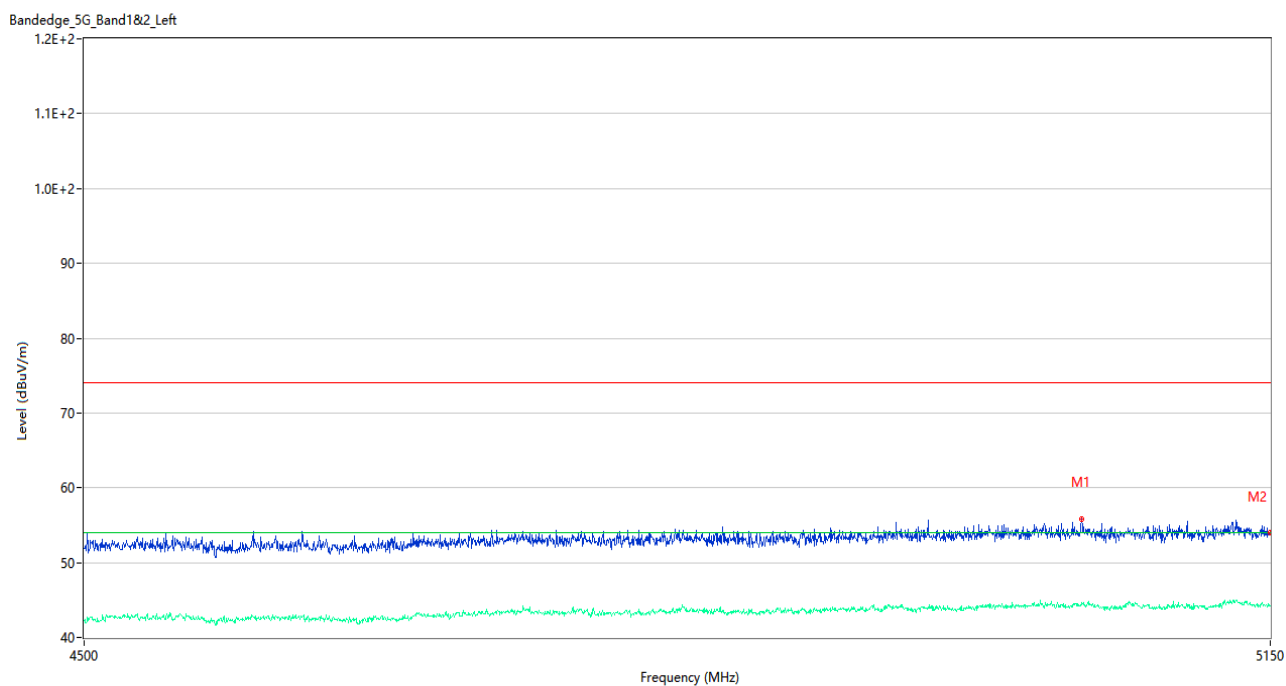
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	58.85	3.00	74.0	15.15	Peak	178.00	100	Horizontal	Pass
1**	5147.075	47.83	3.00	54.0	6.17	AV	178.00	100	Horizontal	Pass
2	5150.000	57.96	2.86	74.0	16.04	Peak	146.00	200	Horizontal	Pass
2**	5150.000	47.77	2.86	54.0	6.23	AV	146.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



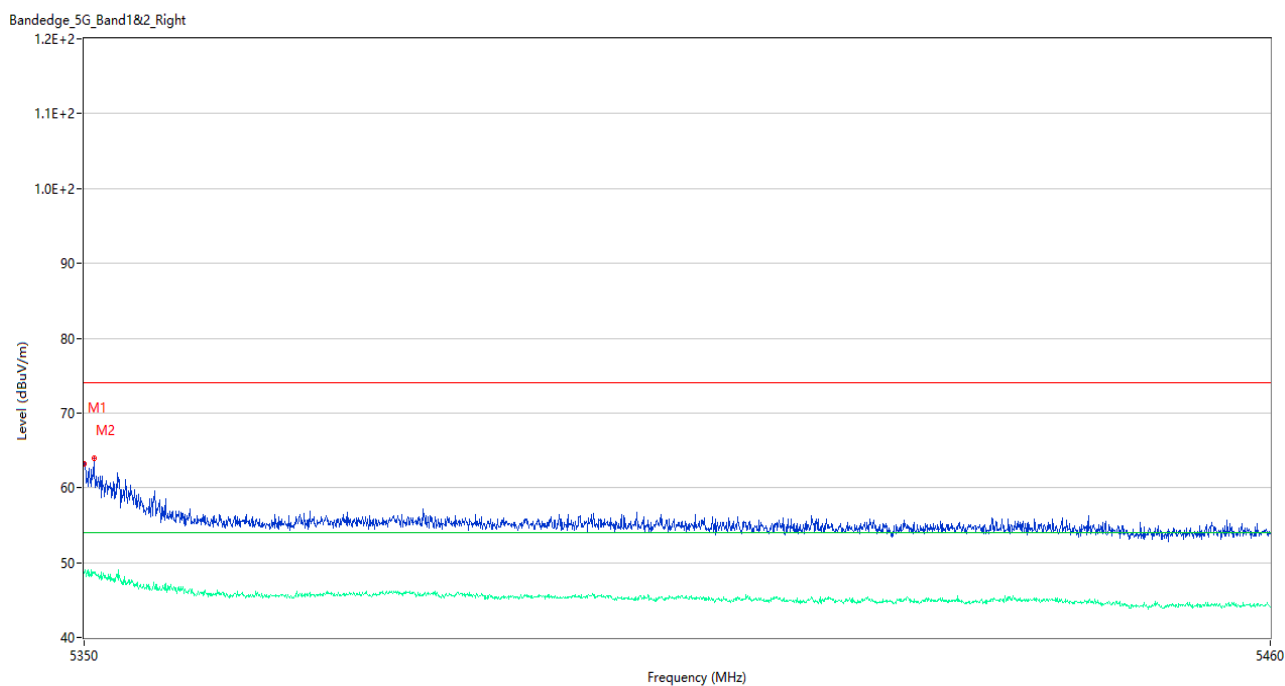
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.53	3.30	74.0	17.47	Peak	285.00	150	Horizontal	Pass
1**	5350.055	45.75	3.30	54.0	8.25	AV	285.00	150	Horizontal	Pass
2	5350.275	57.06	3.20	74.0	16.94	Peak	257.00	200	Horizontal	Pass
2**	5350.275	45.82	3.20	54.0	8.18	AV	257.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



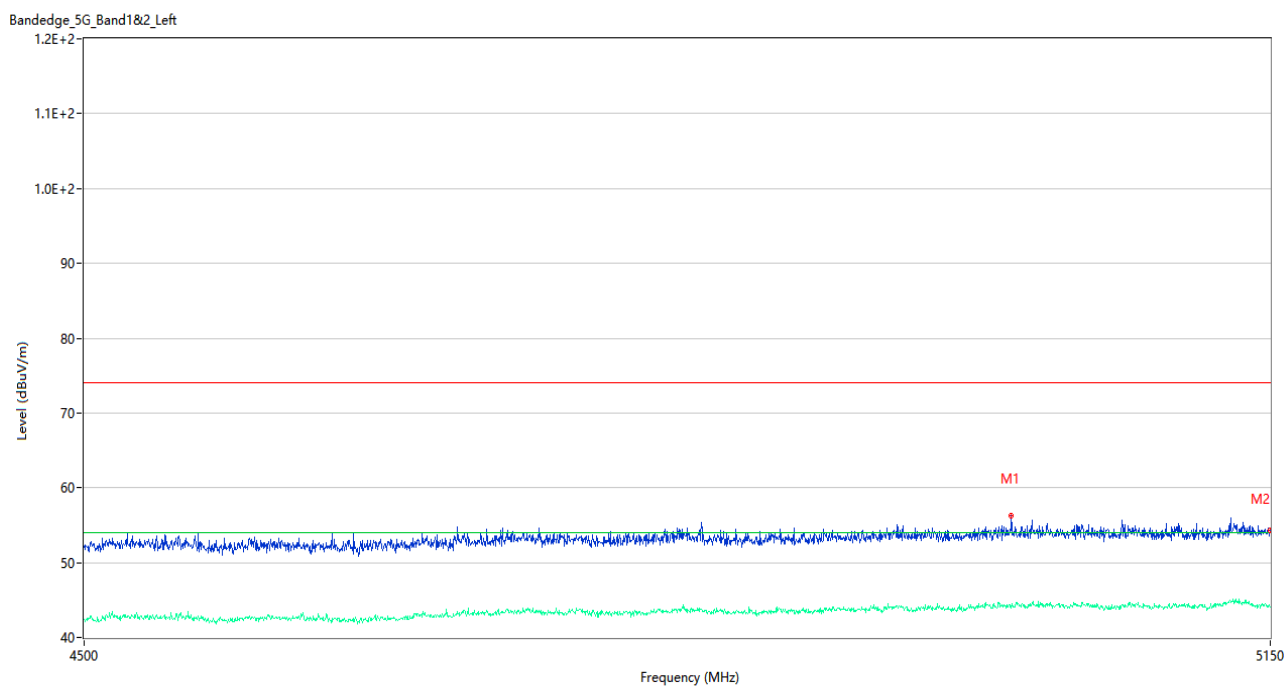
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5040.800	55.81	3.12	74.0	18.19	Peak	11.00	200	Horizontal	Pass
1**	5040.800	44.72	3.12	54.0	9.28	AV	11.00	200	Horizontal	Pass
2	5150.000	53.96	2.86	74.0	20.04	Peak	79.00	100	Horizontal	Pass
2**	5150.000	44.24	2.86	54.0	9.76	AV	79.00	100	Horizontal	Pass

U-NII-2A 11a High Channel



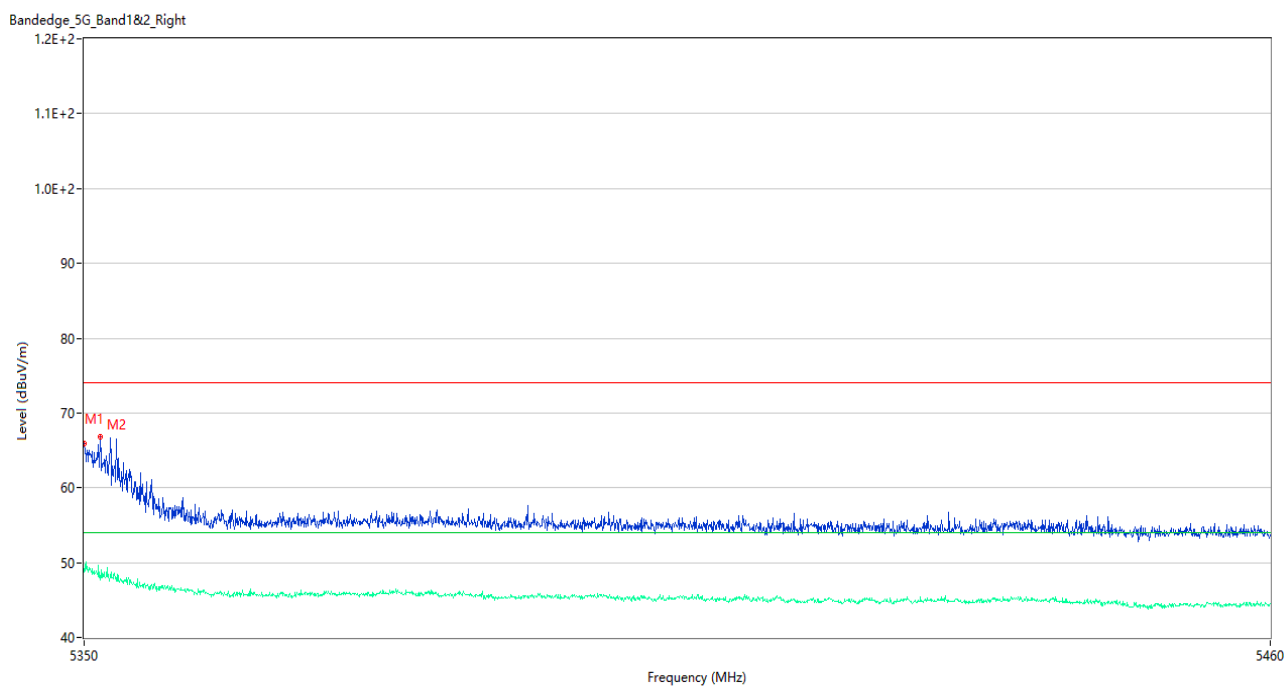
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.15	3.32	74.0	10.85	Peak	151.00	100	Horizontal	Pass
1**	5350.000	48.57	3.32	54.0	5.43	AV	151.00	100	Horizontal	Pass
2	5350.880	64.01	3.25	74.0	9.99	Peak	151.00	200	Horizontal	Pass
2**	5350.880	48.71	3.25	54.0	5.29	AV	151.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



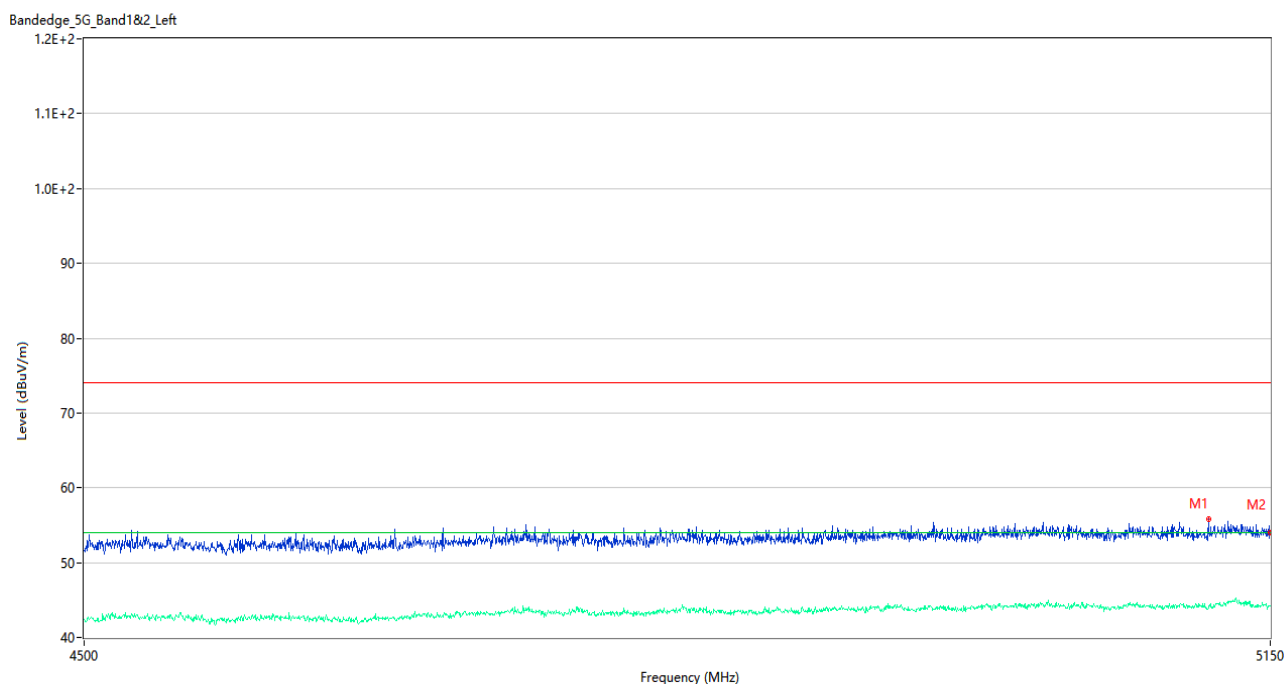
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5000.500	56.20	2.65	74.0	17.80	Peak	355.00	200	Horizontal	Pass
1**	5000.500	44.00	2.65	54.0	10.00	AV	355.00	200	Horizontal	Pass
2	5150.000	54.31	2.86	74.0	19.69	Peak	138.00	100	Horizontal	Pass
2**	5150.000	44.08	2.86	54.0	9.92	AV	138.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



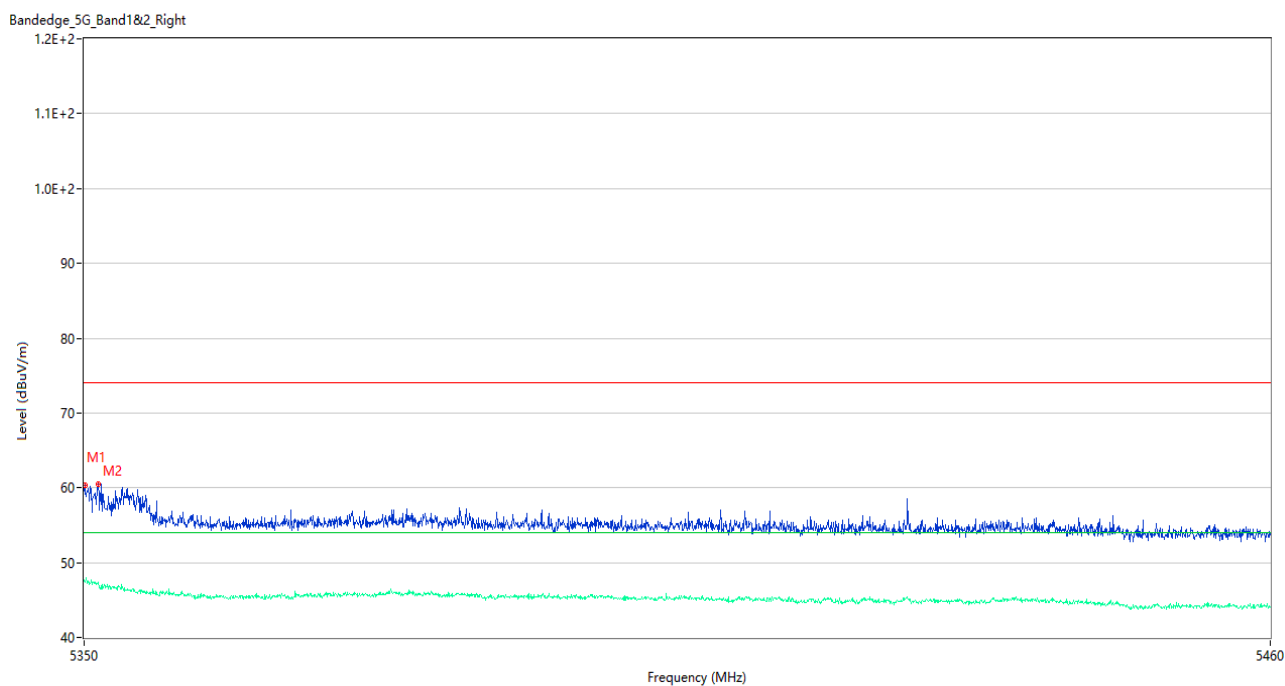
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.96	3.32	74.0	8.04	Peak	142.00	100	Horizontal	Pass
1**	5350.000	48.70	3.32	54.0	5.30	AV	142.00	100	Horizontal	Pass
2	5351.485	66.75	3.06	74.0	7.25	Peak	145.00	100	Horizontal	Pass
2**	5351.485	47.74	3.06	54.0	6.26	AV	145.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel



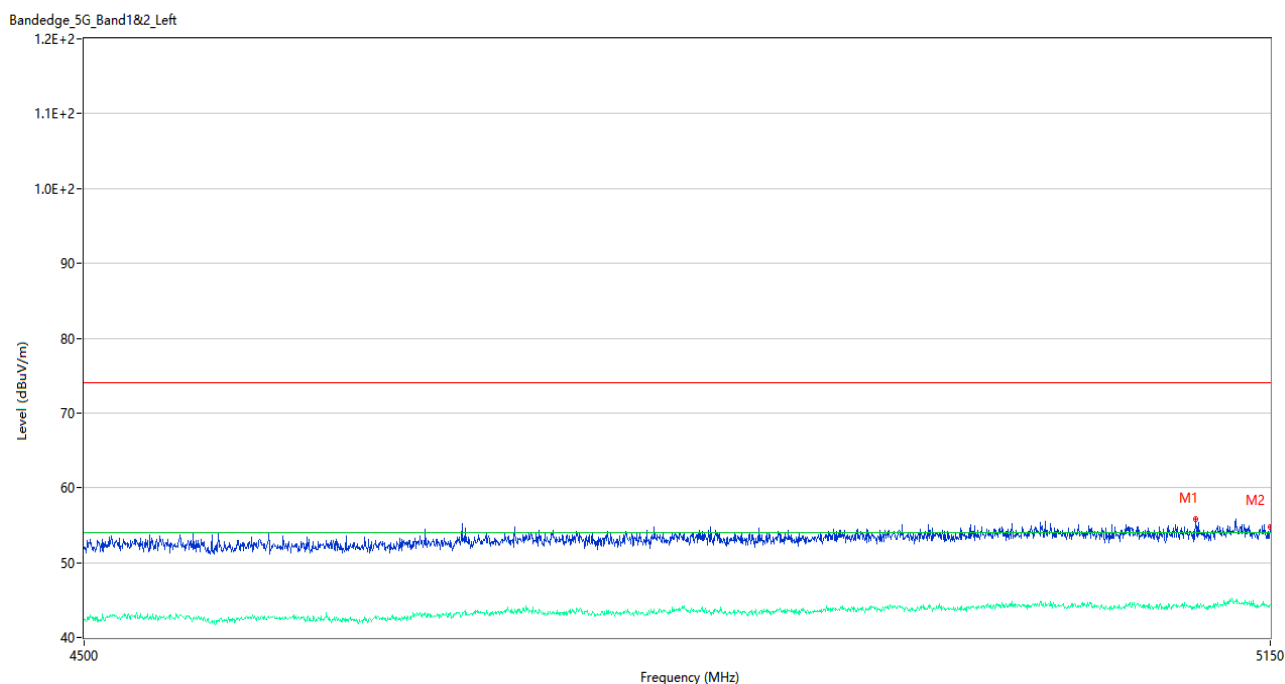
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5113.925	55.80	2.49	74.0	18.20	Peak	314.00	150	Horizontal	Pass
1**	5113.925	43.95	2.49	54.0	10.05	AV	314.00	150	Horizontal	Pass
2	5150.000	54.04	2.86	74.0	19.96	Peak	166.00	200	Horizontal	Pass
2**	5150.000	44.16	2.86	54.0	9.84	AV	166.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



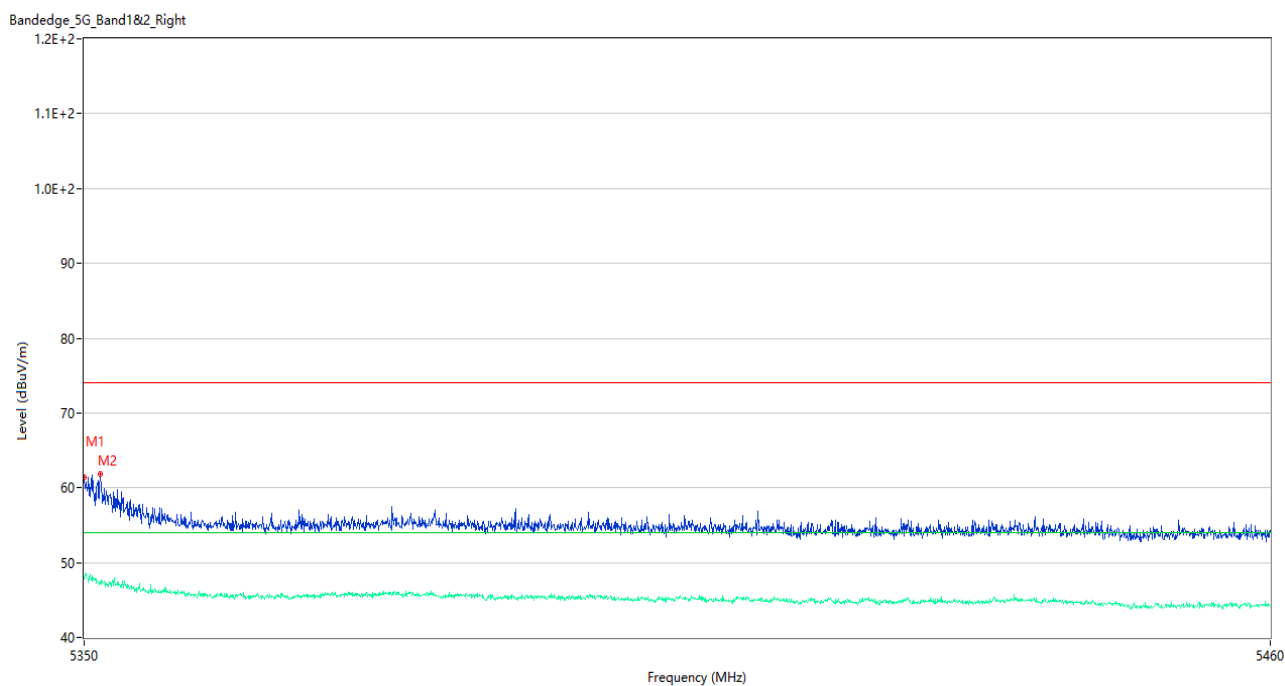
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.38	3.30	74.0	13.62	Peak	143.00	200	Horizontal	Pass
1**	5350.055	47.31	3.30	54.0	6.69	AV	143.00	200	Horizontal	Pass
2	5351.265	60.49	3.07	74.0	13.51	Peak	190.00	100	Horizontal	Pass
2**	5351.265	47.42	3.07	54.0	6.58	AV	190.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



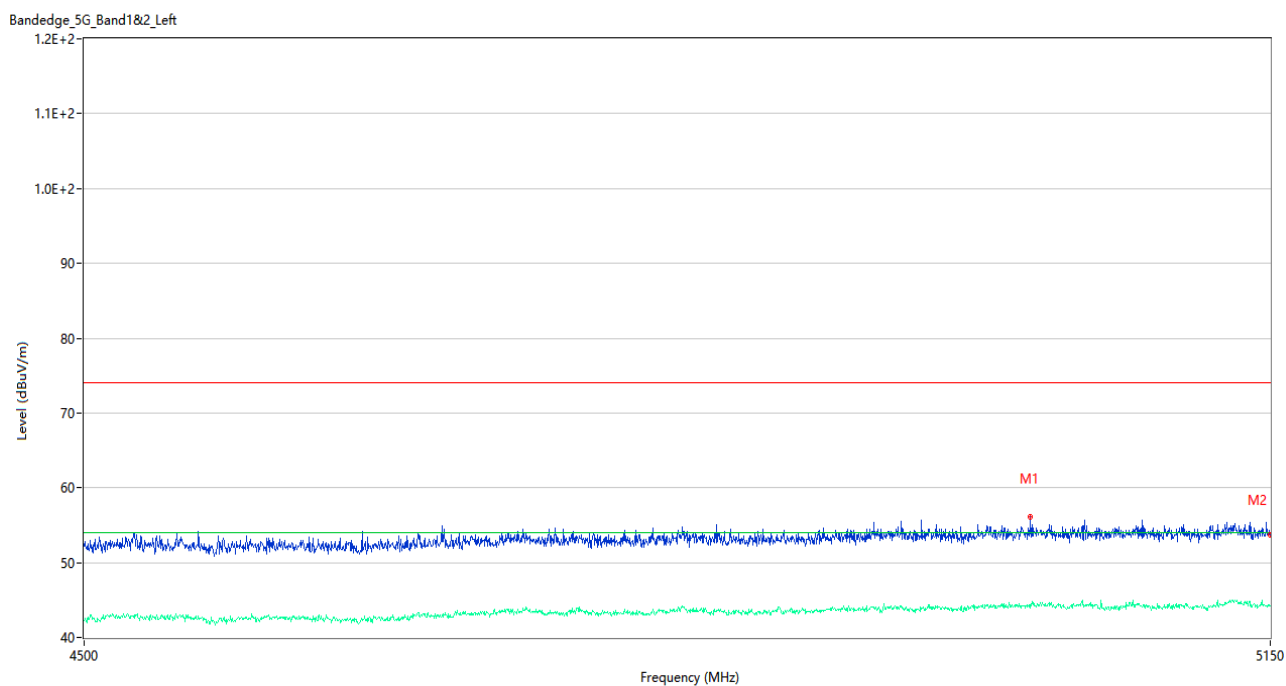
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5106.450	55.87	2.83	74.0	18.13	Peak	325.00	200	Horizontal	Pass
1**	5106.450	44.27	2.83	54.0	9.73	AV	325.00	200	Horizontal	Pass
2	5150.000	54.69	2.86	74.0	19.31	Peak	142.00	150	Horizontal	Pass
2**	5150.000	44.34	2.86	54.0	9.66	AV	142.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



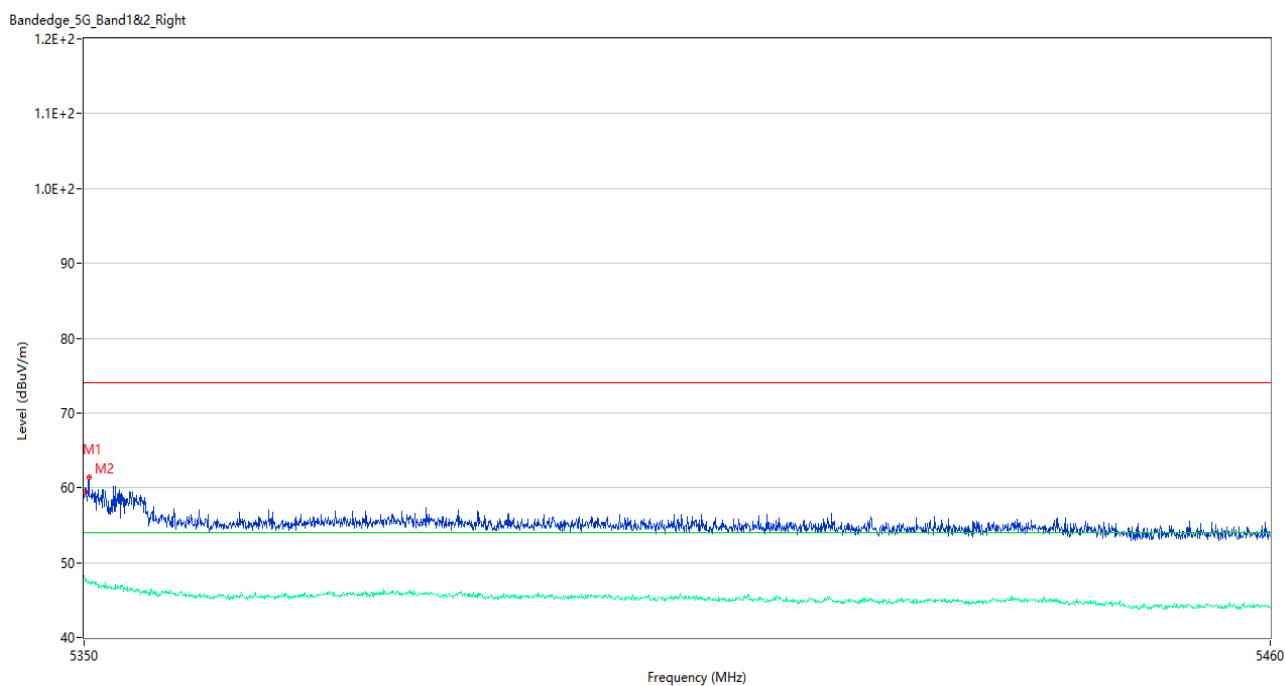
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.36	3.32	74.0	12.64	Peak	256.00	200	Horizontal	Pass
1**	5350.000	47.84	3.32	54.0	6.16	AV	256.00	200	Horizontal	Pass
2	5351.485	61.78	3.06	74.0	12.22	Peak	247.00	150	Horizontal	Pass
2**	5351.485	47.44	3.06	54.0	6.56	AV	247.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



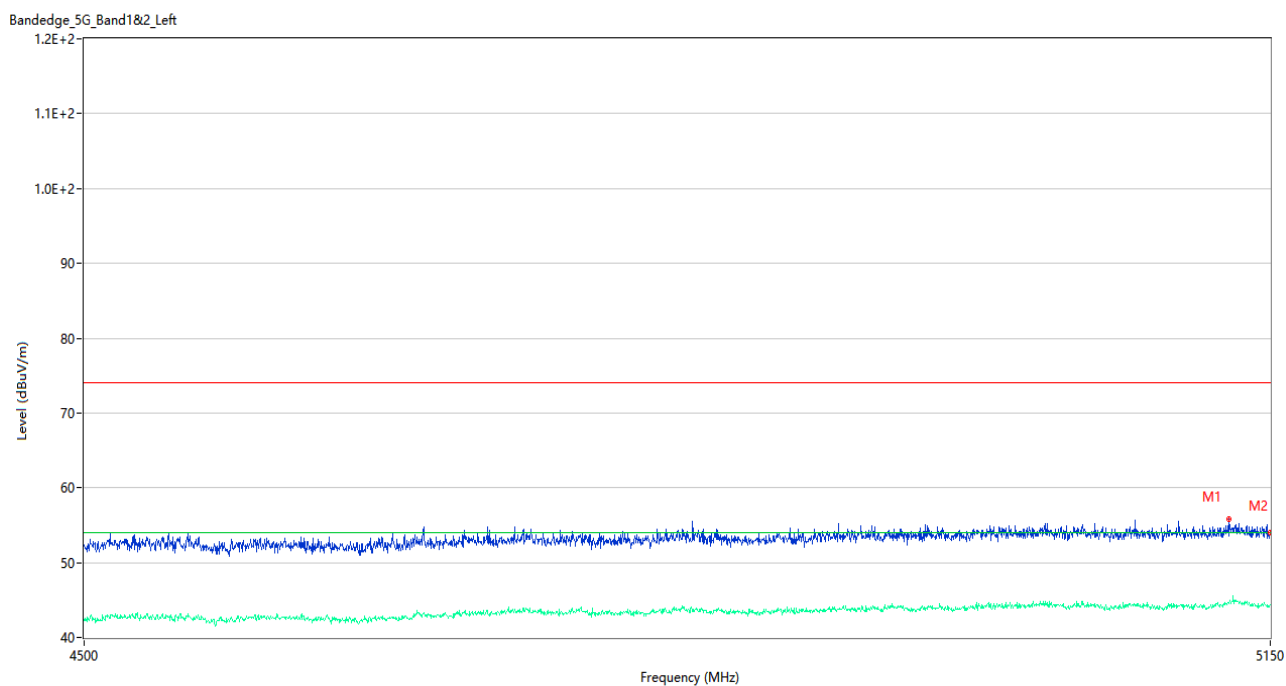
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5011.550	56.18	2.77	74.0	17.82	Peak	149.00	100	Horizontal	Pass
1**	5011.550	43.93	2.77	54.0	10.07	AV	149.00	100	Horizontal	Pass
2	5150.000	53.76	2.86	74.0	20.24	Peak	13.00	150	Horizontal	Pass
2**	5150.000	44.16	2.86	54.0	9.84	AV	13.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



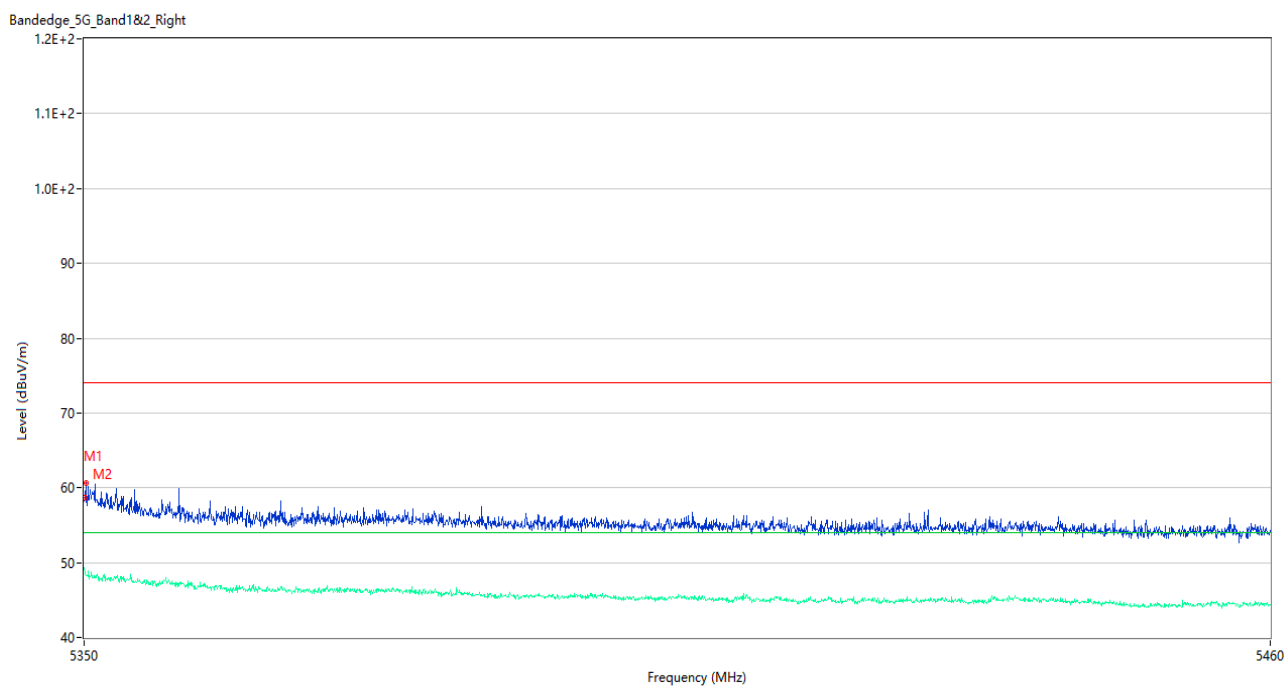
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	59.38	3.30	74.0	14.62	Peak	179.00	150	Horizontal	Pass
1**	5350.055	47.52	3.30	54.0	6.48	AV	179.00	150	Horizontal	Pass
2	5350.440	61.45	3.12	74.0	12.55	Peak	172.00	200	Horizontal	Pass
2**	5350.440	47.47	3.12	54.0	6.53	AV	172.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



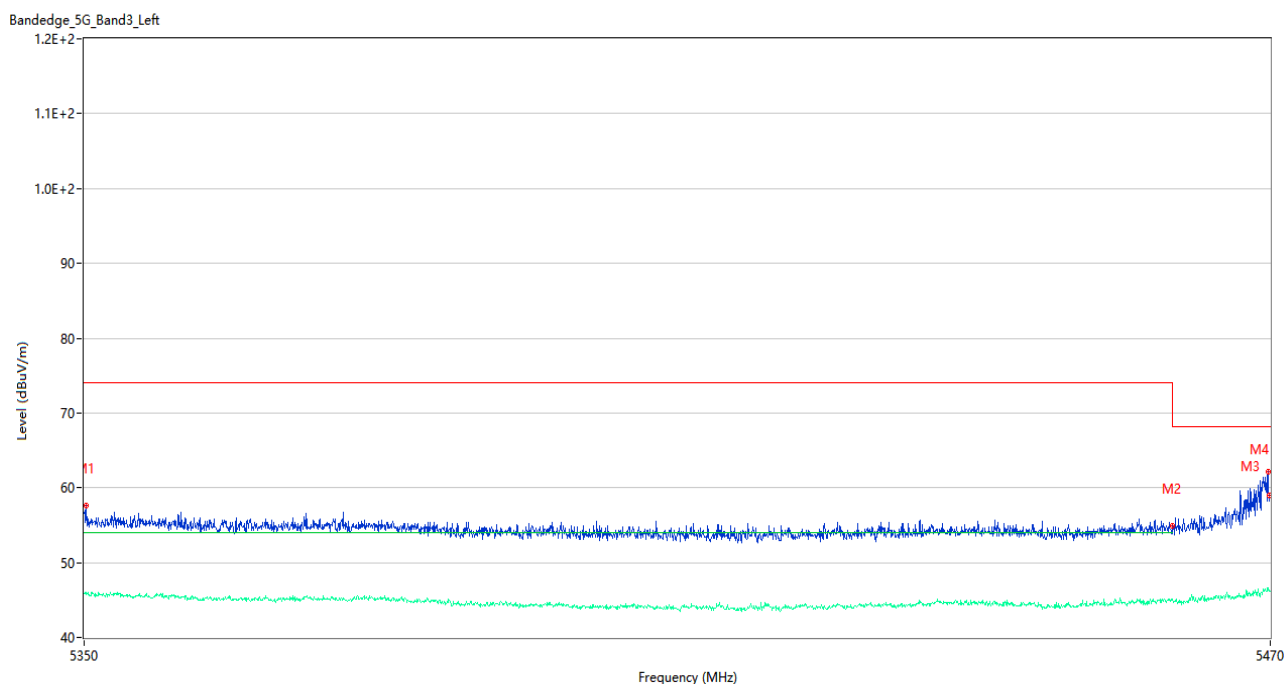
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.625	55.79	3.23	74.0	18.21	Peak	183.00	150	Horizontal	Pass
1**	5125.625	44.66	3.23	54.0	9.34	AV	183.00	150	Horizontal	Pass
2	5150.000	53.97	2.86	74.0	20.03	Peak	288.00	200	Horizontal	Pass
2**	5150.000	44.34	2.86	54.0	9.66	AV	288.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



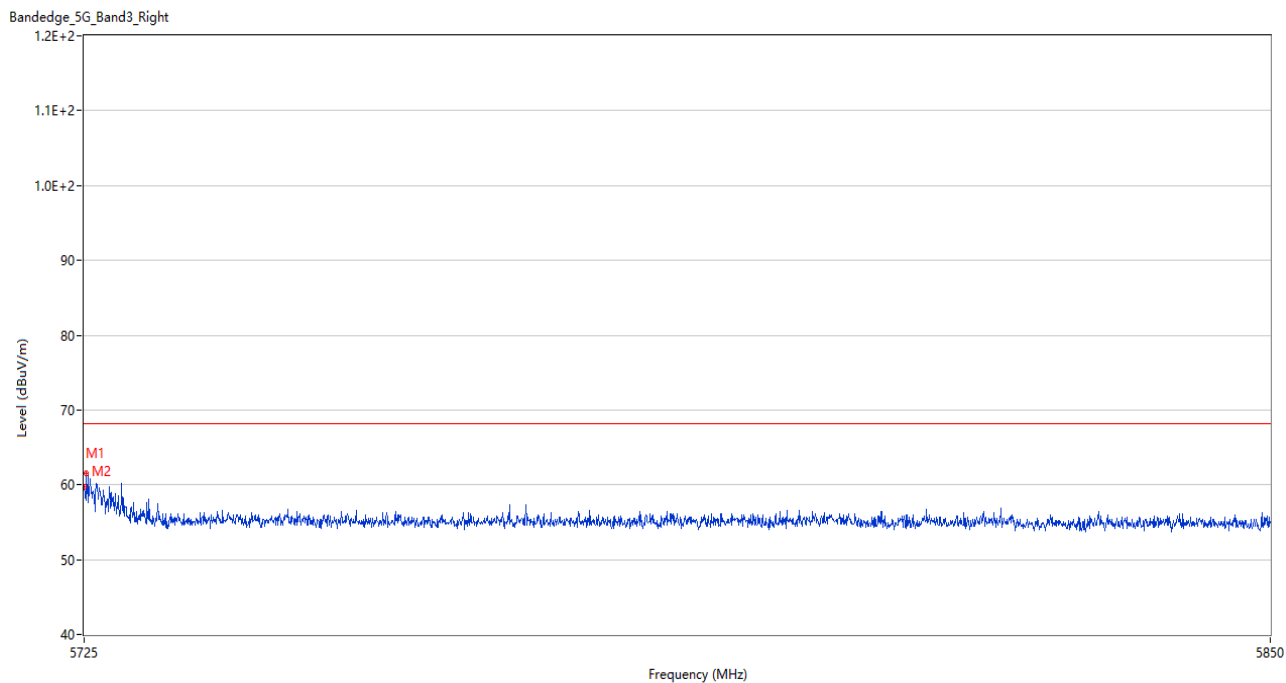
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.69	3.30	74.0	15.31	Peak	175.00	200	Horizontal	Pass
1**	5350.055	48.61	3.30	54.0	5.39	AV	175.00	200	Horizontal	Pass
2	5350.165	60.61	3.25	74.0	13.39	Peak	168.00	150	Horizontal	Pass
2**	5350.165	48.33	3.25	54.0	5.67	AV	168.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



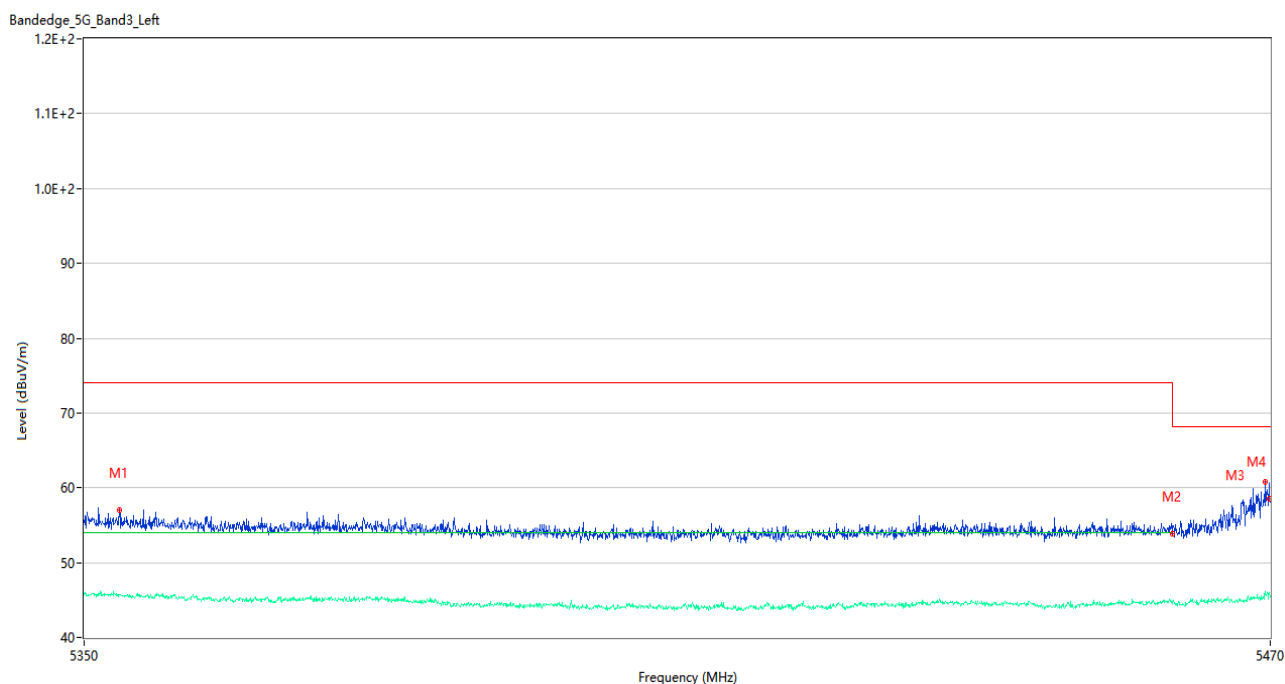
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.240	57.56	3.21	74.0	16.44	Peak	347.00	200	Horizontal	Pass
1**	5350.240	45.69	3.21	54.0	8.31	AV	347.00	200	Horizontal	Pass
2	5459.980	54.96	3.49	74.0	19.04	Peak	180.00	150	Horizontal	Pass
2**	5459.980	44.99	3.49	54.0	9.01	AV	180.00	150	Horizontal	Pass
3	5469.760	62.14	3.28	68.2	6.06	Peak	144.00	150	Horizontal	Pass
3**	5469.760	46.32	3.28	--	--	AV	144.00	150	Horizontal	N/A
4	5469.940	58.95	3.29	68.2	9.25	Peak	192.00	150	Horizontal	Pass
4**	5469.940	46.13	3.29	--	--	AV	192.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



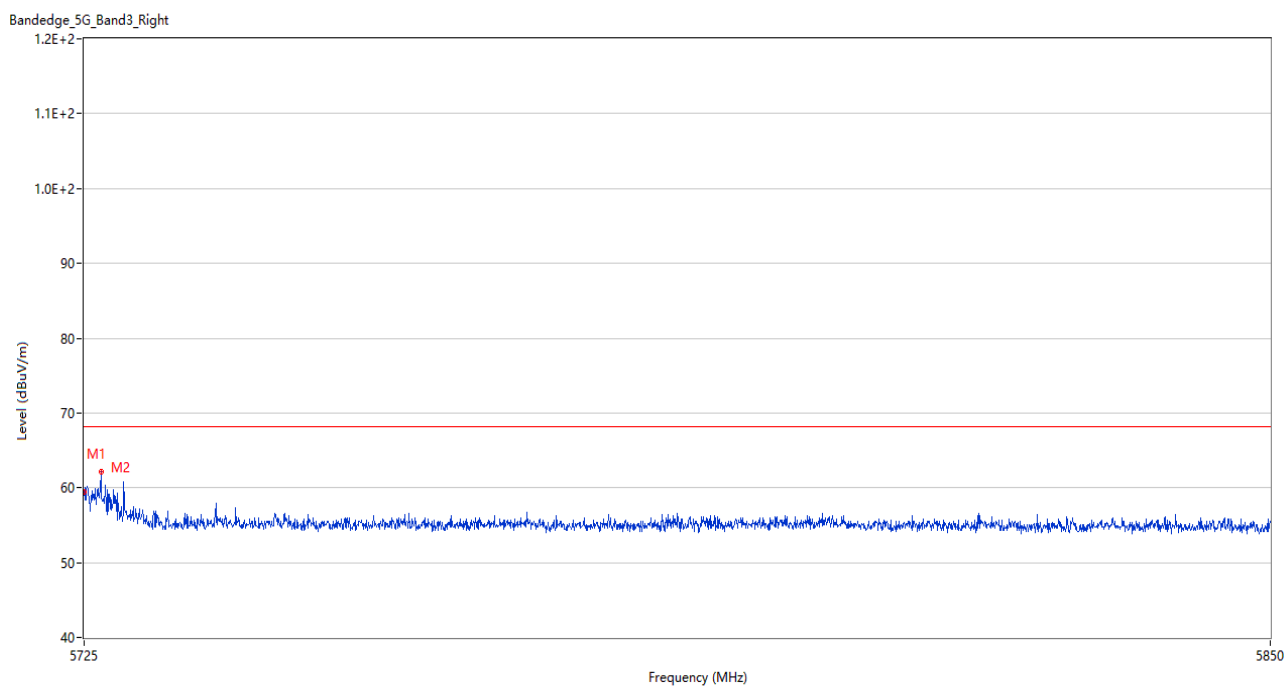
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.78	3.51	68.2	8.42	Peak	127.00	100	Horizontal	Pass
2	5725.250	61.49	3.24	68.2	6.71	Peak	157.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



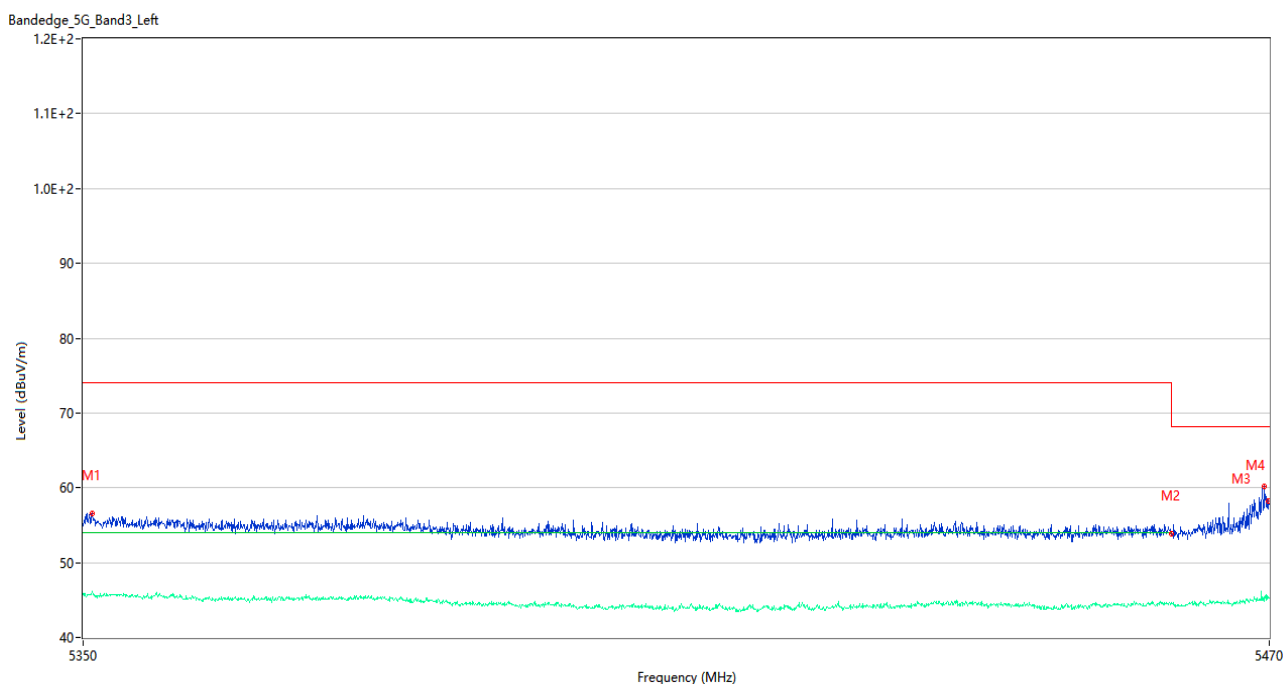
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5353.540	57.00	3.13	74.0	17.00	Peak	130.00	150	Horizontal	Pass
1**	5353.540	45.65	3.13	54.0	8.35	AV	130.00	150	Horizontal	Pass
2	5459.980	53.90	3.49	74.0	20.10	Peak	193.00	150	Horizontal	Pass
2**	5459.980	44.58	3.49	54.0	9.42	AV	193.00	150	Horizontal	Pass
3	5469.520	60.74	3.30	68.2	7.46	Peak	183.00	200	Horizontal	Pass
3**	5469.520	45.67	3.30	--	--	AV	183.00	200	Horizontal	N/A
4	5469.940	58.60	3.29	68.2	9.60	Peak	238.00	150	Horizontal	Pass
4**	5469.940	45.94	3.29	--	--	AV	238.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



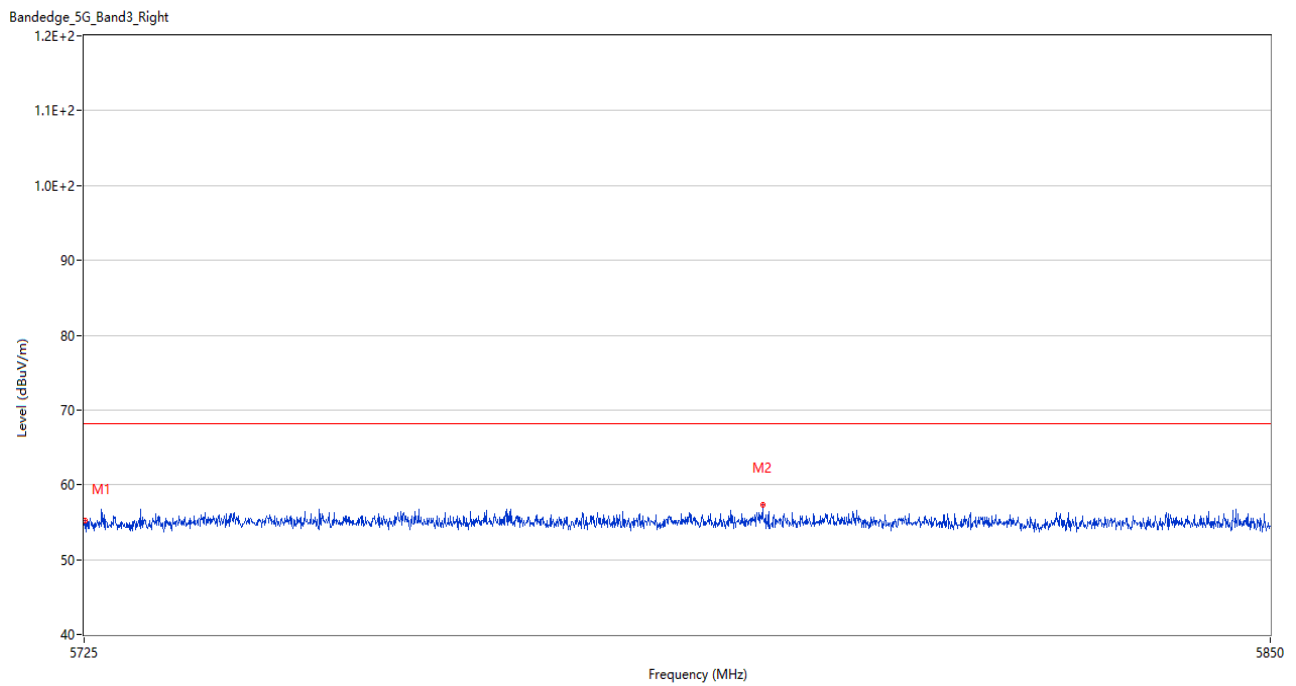
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.38	3.51	68.2	8.82	Peak	152.00	100	Horizontal	Pass
2	5726.750	62.21	3.81	68.2	5.99	Peak	152.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



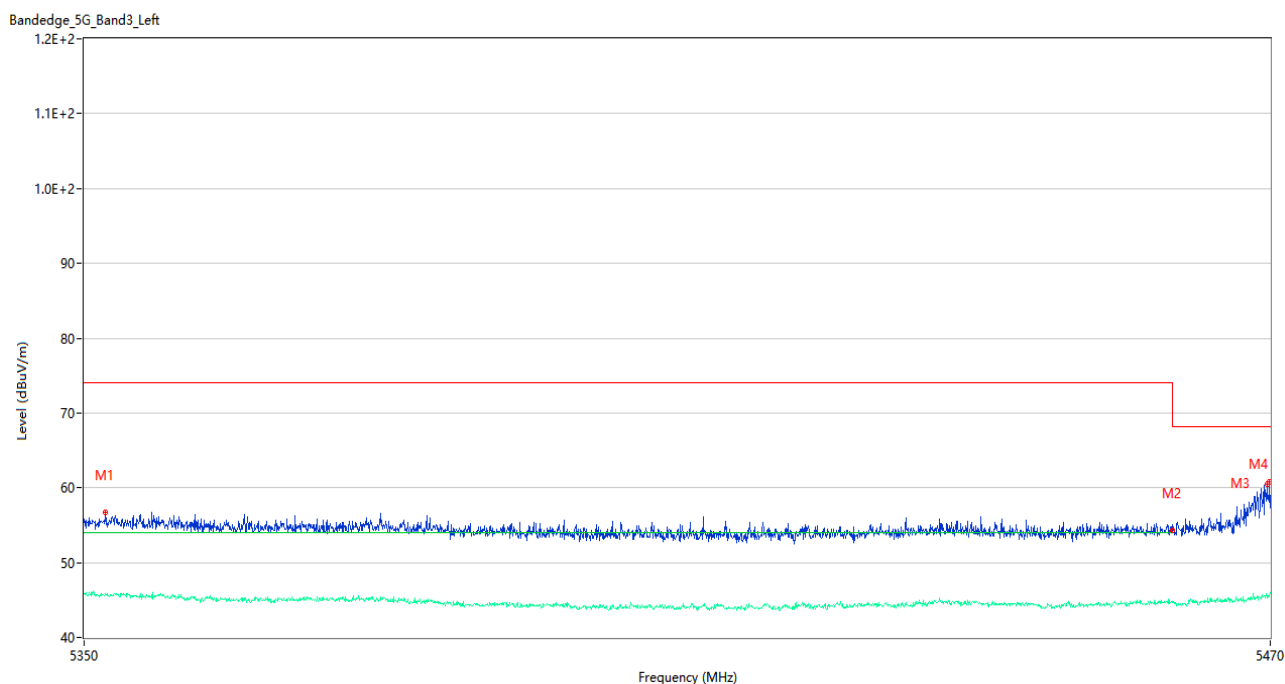
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.900	56.65	3.24	74.0	17.35	Peak	197.00	200	Horizontal	Pass
1**	5350.900	46.25	3.24	54.0	7.75	AV	197.00	200	Horizontal	Pass
2	5459.980	53.92	3.49	74.0	20.08	Peak	233.00	200	Horizontal	Pass
2**	5459.980	44.53	3.49	54.0	9.47	AV	233.00	200	Horizontal	Pass
3	5469.520	60.14	3.30	68.2	8.06	Peak	156.00	100	Horizontal	Pass
3**	5469.520	45.30	3.30	--	--	AV	156.00	100	Horizontal	N/A
4	5469.940	58.22	3.29	68.2	9.98	Peak	251.00	150	Horizontal	Pass
4**	5469.940	45.43	3.29	--	--	AV	251.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel



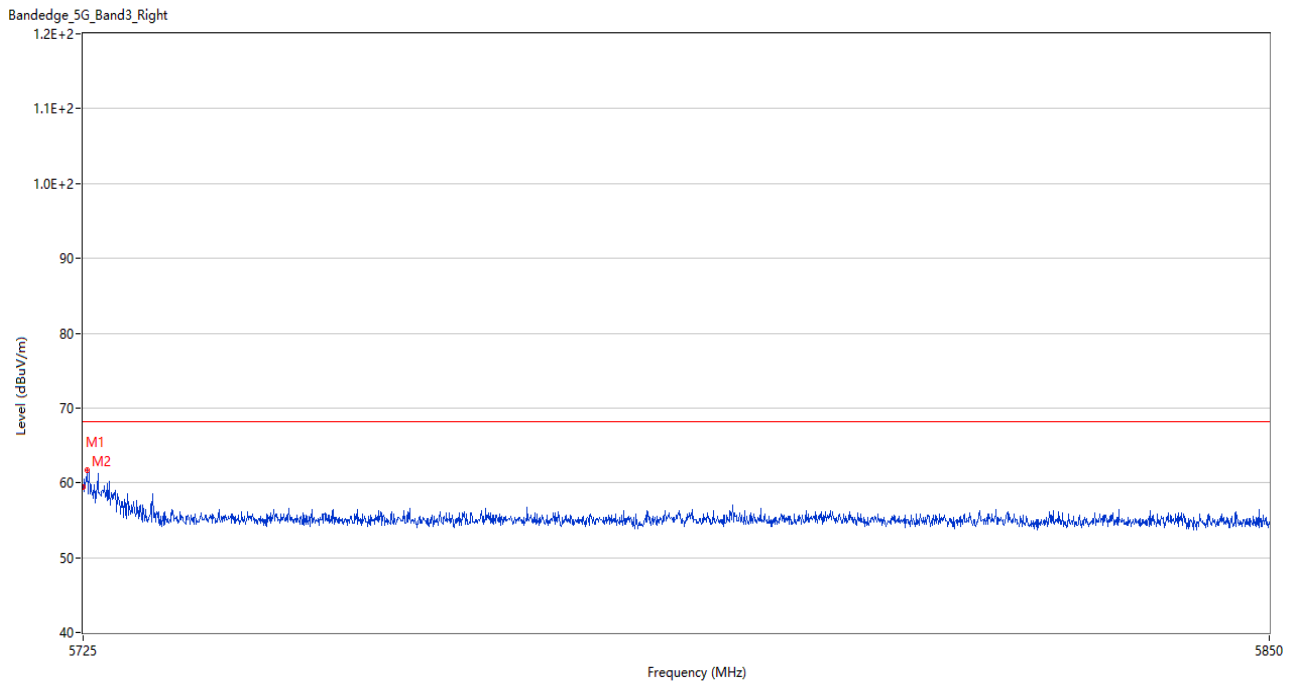
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.25	3.44	68.2	12.95	Peak	360.00	200	Horizontal	Pass
2	5796.188	57.29	3.54	68.2	10.91	Peak	107.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



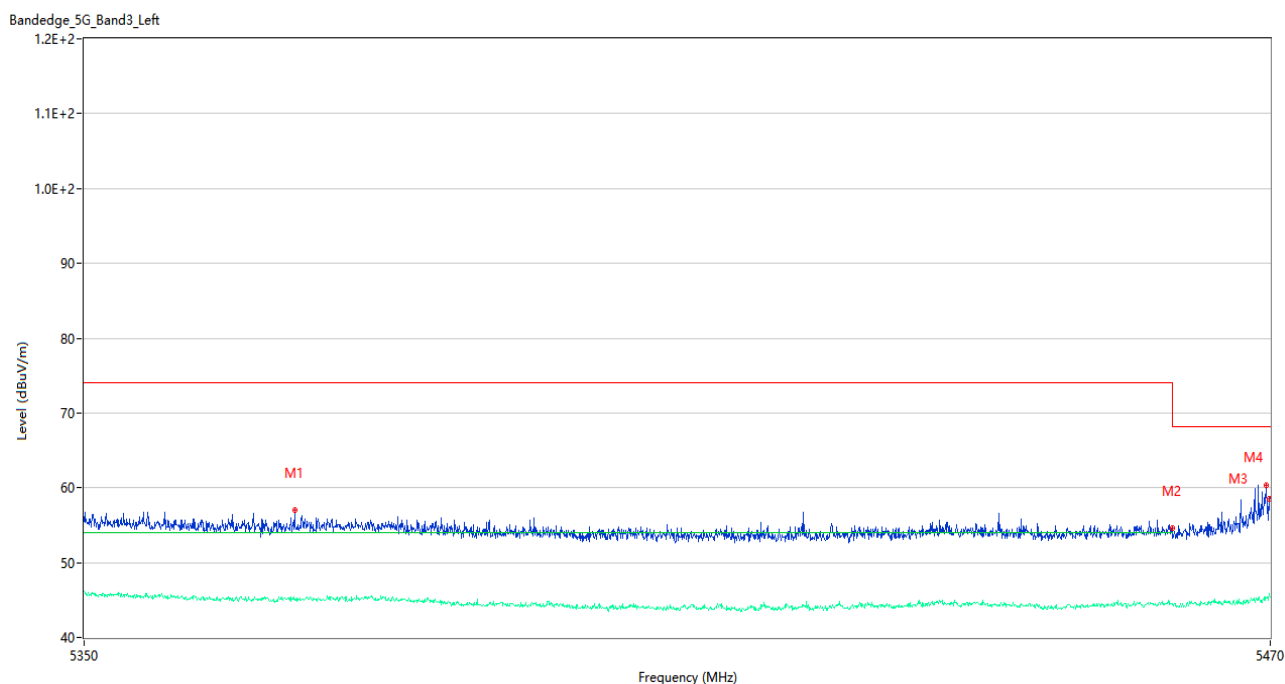
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5352.160	56.72	3.09	74.0	17.28	Peak	320.00	150	Horizontal	Pass
1**	5352.160	45.84	3.09	54.0	8.16	AV	320.00	150	Horizontal	Pass
2	5459.980	54.35	3.49	74.0	19.65	Peak	116.00	100	Horizontal	Pass
2**	5459.980	44.61	3.49	54.0	9.39	AV	116.00	100	Horizontal	Pass
3	5469.640	60.52	3.29	68.2	7.68	Peak	183.00	150	Horizontal	Pass
3**	5469.640	45.34	3.29	--	--	AV	183.00	150	Horizontal	N/A
4	5469.940	60.84	3.29	68.2	7.36	Peak	187.00	150	Horizontal	Pass
4**	5469.940	45.40	3.29	--	--	AV	187.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



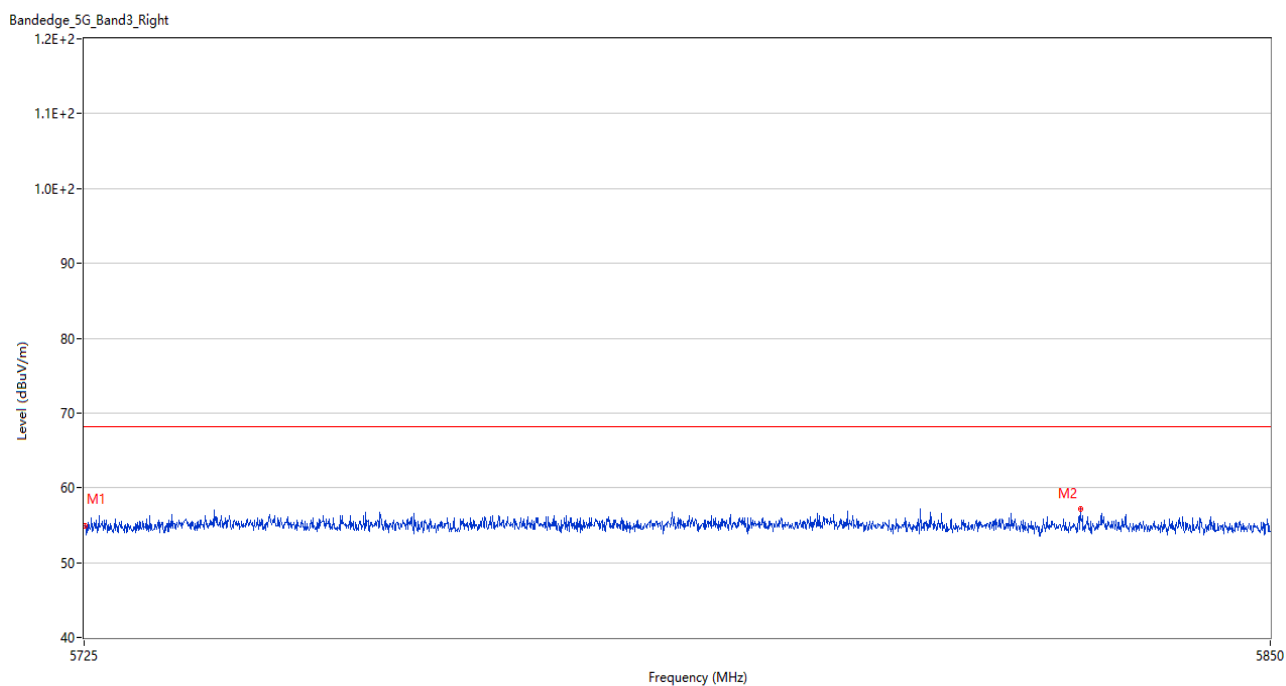
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.37	3.51	68.2	8.83	Peak	148.00	100	Horizontal	Pass
2	5725.437	61.62	3.42	68.2	6.58	Peak	143.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



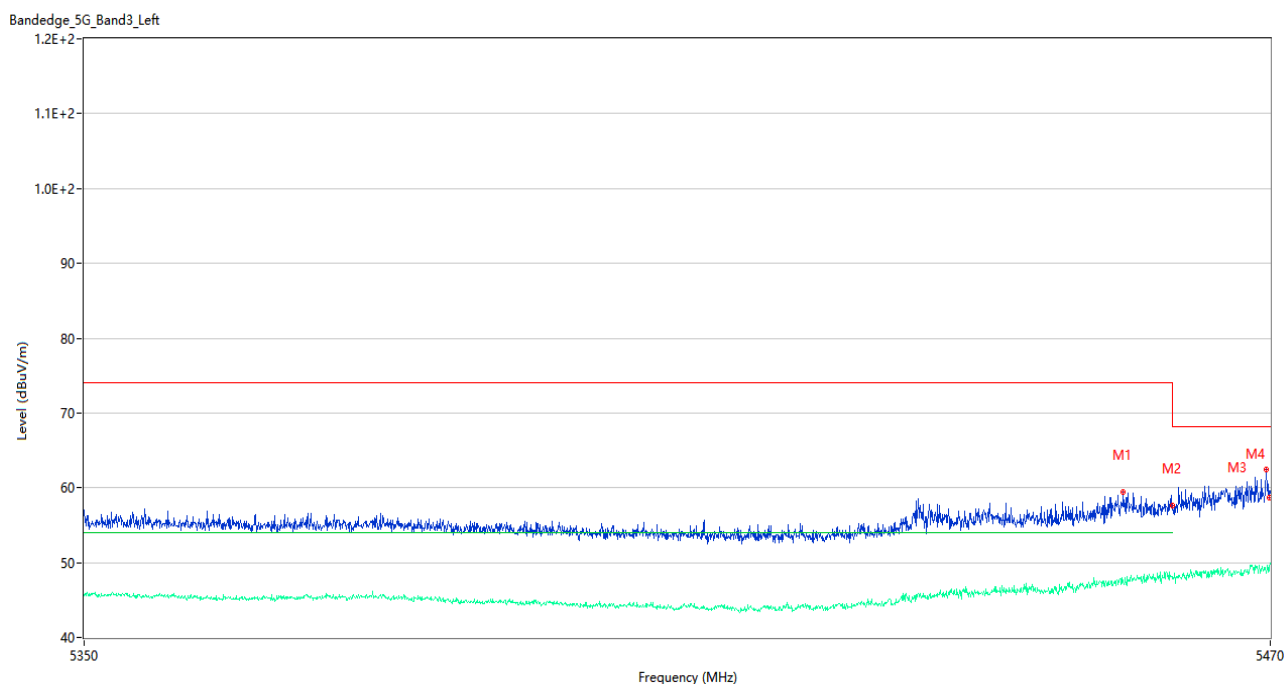
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5371.120	56.96	2.72	74.0	17.04	Peak	82.00	100	Horizontal	Pass
1**	5371.120	45.17	2.72	54.0	8.83	AV	82.00	100	Horizontal	Pass
2	5459.980	54.55	3.49	74.0	19.45	Peak	29.00	200	Horizontal	Pass
2**	5459.980	44.58	3.49	54.0	9.42	AV	29.00	200	Horizontal	Pass
3	5469.580	60.40	3.29	68.2	7.80	Peak	244.00	100	Horizontal	Pass
3**	5469.580	45.32	3.29	--	--	AV	244.00	100	Horizontal	N/A
4	5469.940	58.58	3.29	68.2	9.62	Peak	180.00	150	Horizontal	Pass
4**	5469.940	45.59	3.29	--	--	AV	180.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



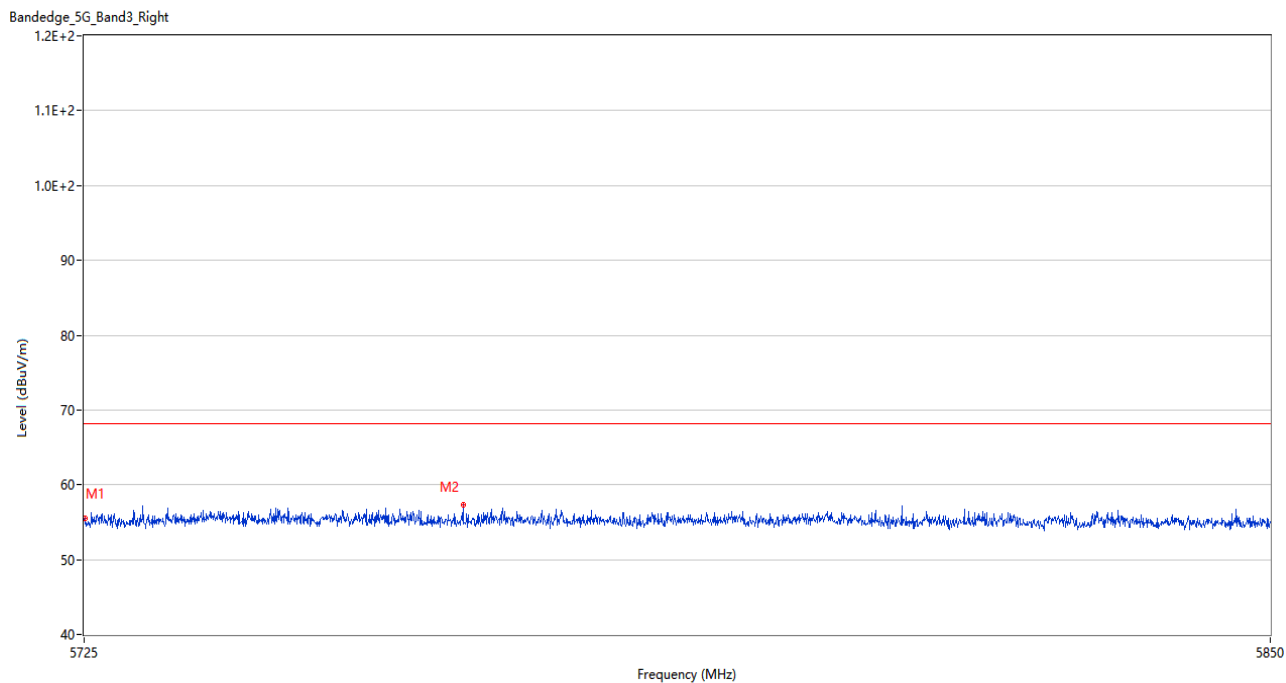
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	54.86	3.44	68.2	13.34	Peak	104.00	150	Horizontal	Pass
2	5829.813	57.20	3.00	68.2	11.00	Peak	28.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



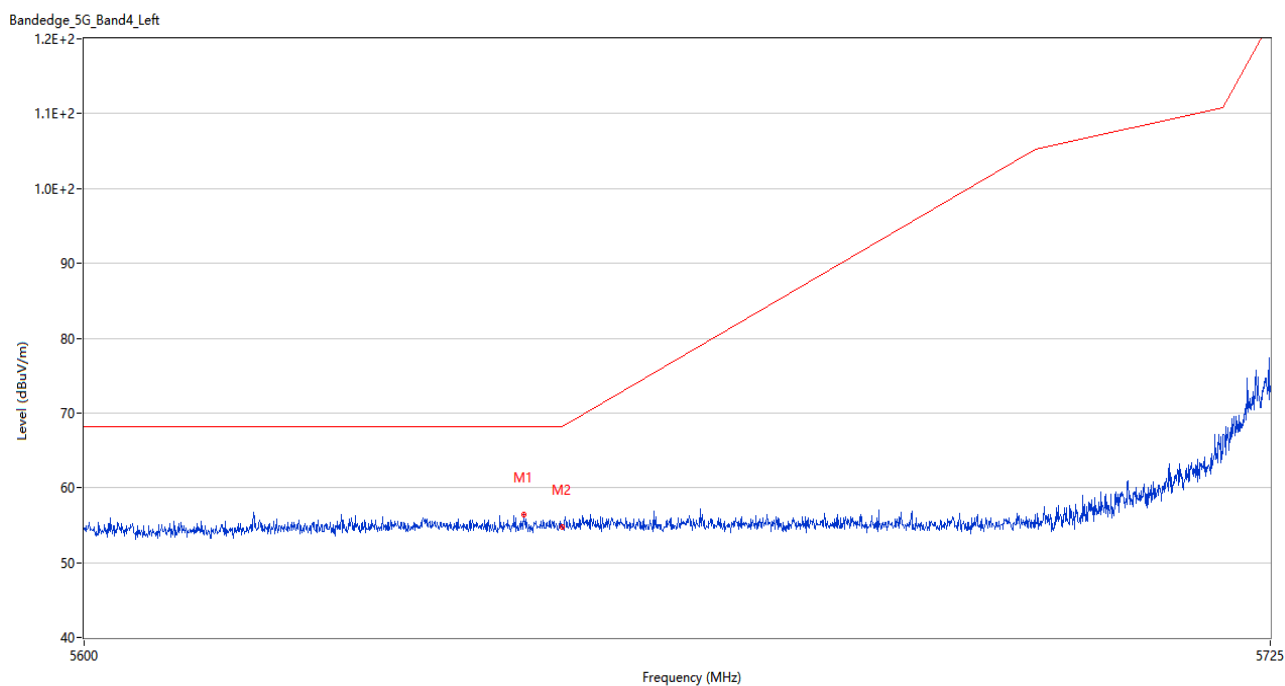
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.000	59.42	3.50	74.0	14.58	Peak	175.00	150	Horizontal	Pass
1**	5455.000	47.70	3.50	54.0	6.30	AV	175.00	150	Horizontal	Pass
2	5459.980	57.66	3.49	74.0	16.34	Peak	175.00	200	Horizontal	Pass
2**	5459.980	48.10	3.49	54.0	5.90	AV	175.00	200	Horizontal	Pass
3	5469.580	62.45	3.29	68.2	5.75	Peak	187.00	150	Horizontal	Pass
3**	5469.580	48.60	3.29	--	--	AV	187.00	150	Horizontal	N/A
4	5469.940	58.63	3.29	68.2	9.57	Peak	167.00	100	Horizontal	Pass
4**	5469.940	49.38	3.29	--	--	AV	167.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



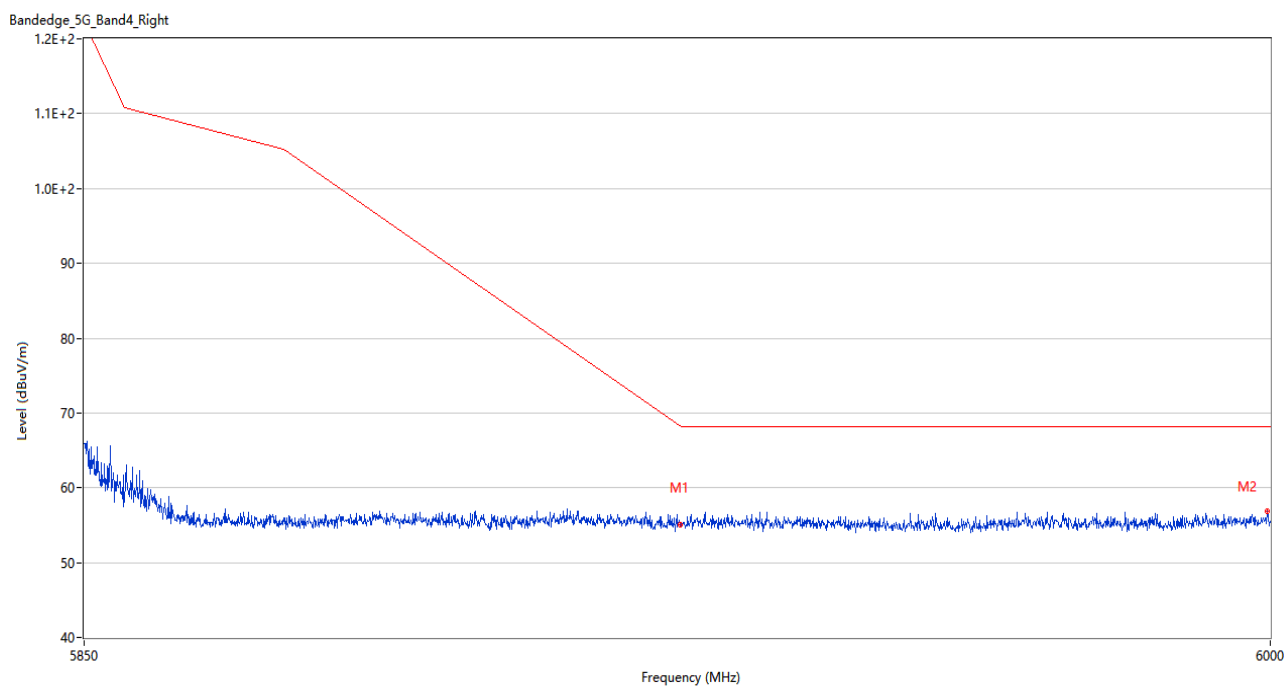
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.56	3.44	68.2	12.64	Peak	155.00	150	Horizontal	Pass
2	5764.625	57.36	3.38	68.2	10.84	Peak	64.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



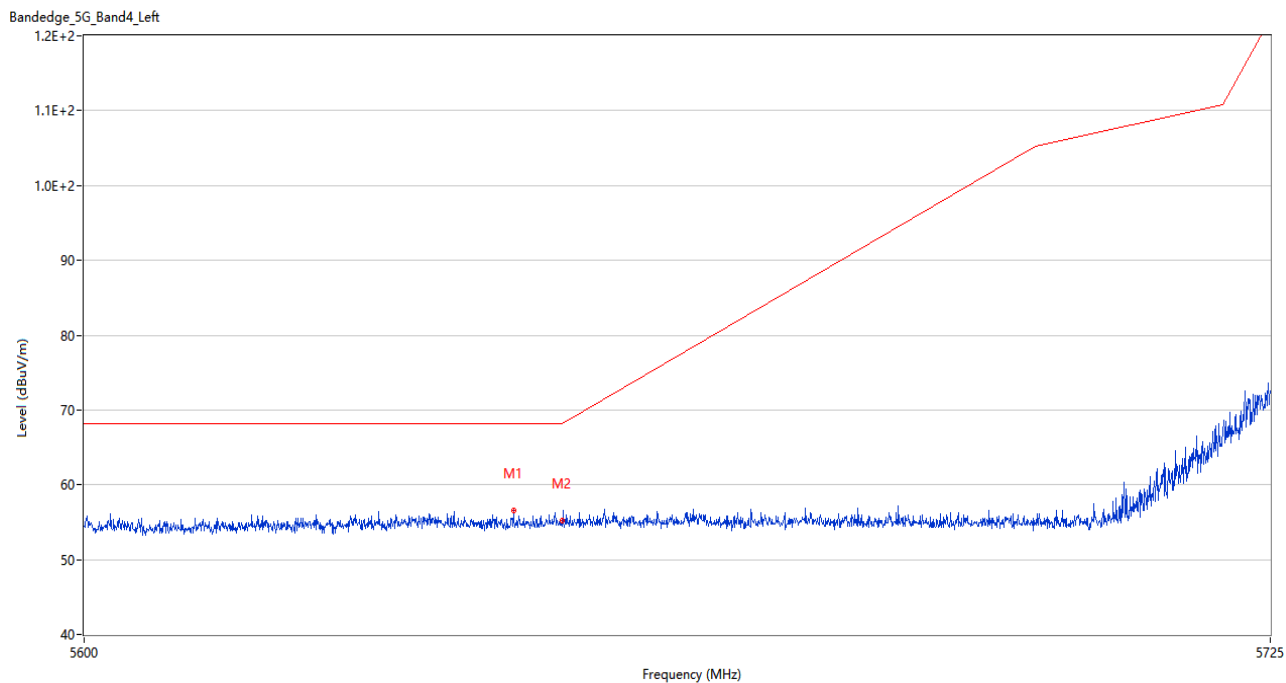
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.000	56.44	3.34	68.2	11.76	Peak	223.00	200	Horizontal	Pass
2	5650.000	54.79	3.72	68.2	13.41	Peak	67.00	100	Horizontal	Pass

U-NII-3 11a High Channel



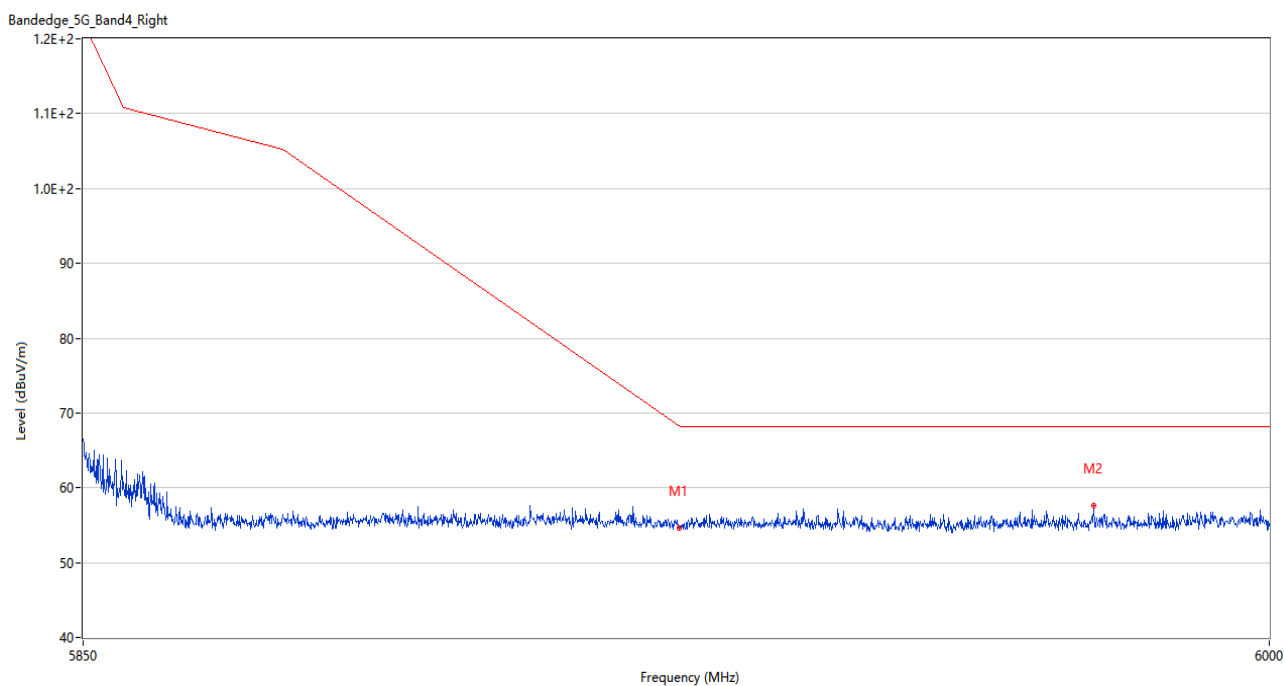
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.11	3.42	68.3	13.19	Peak	0.00	100	Horizontal	Pass
2	5999.625	56.94	4.74	68.2	11.26	Peak	112.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



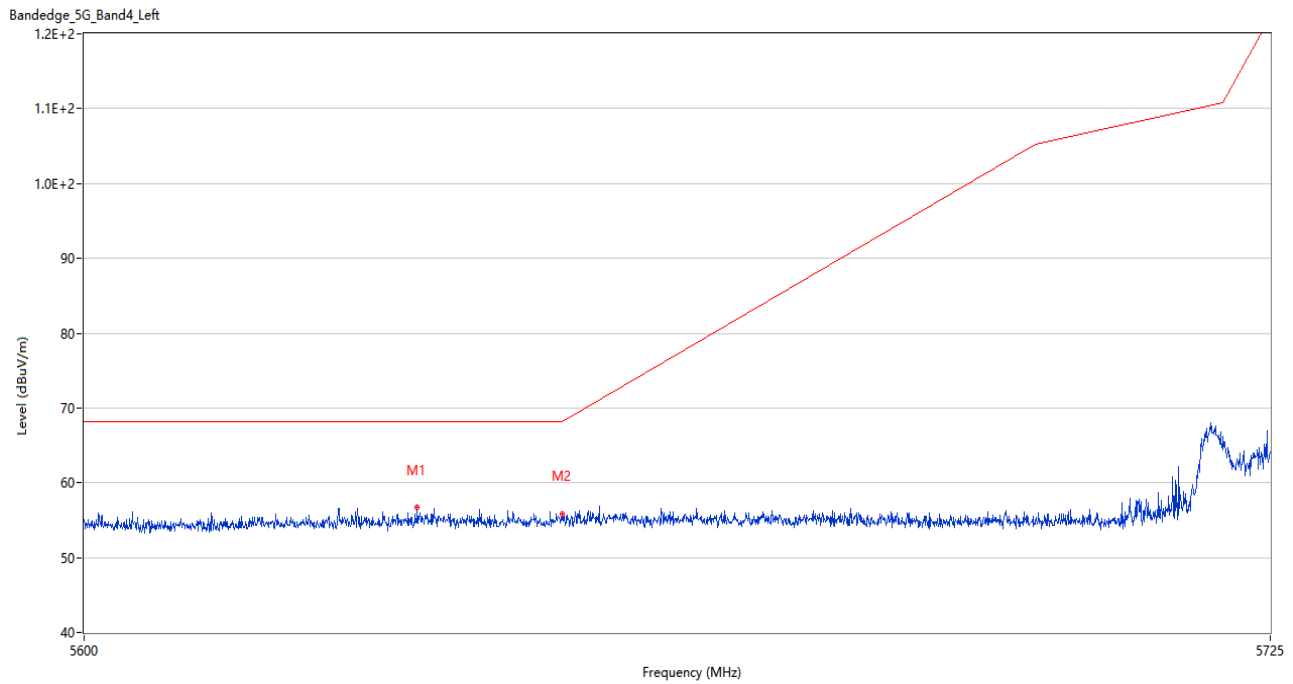
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.938	56.52	3.56	68.2	11.68	Peak	350.00	100	Horizontal	Pass
2	5650.000	55.23	3.72	68.2	12.97	Peak	79.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



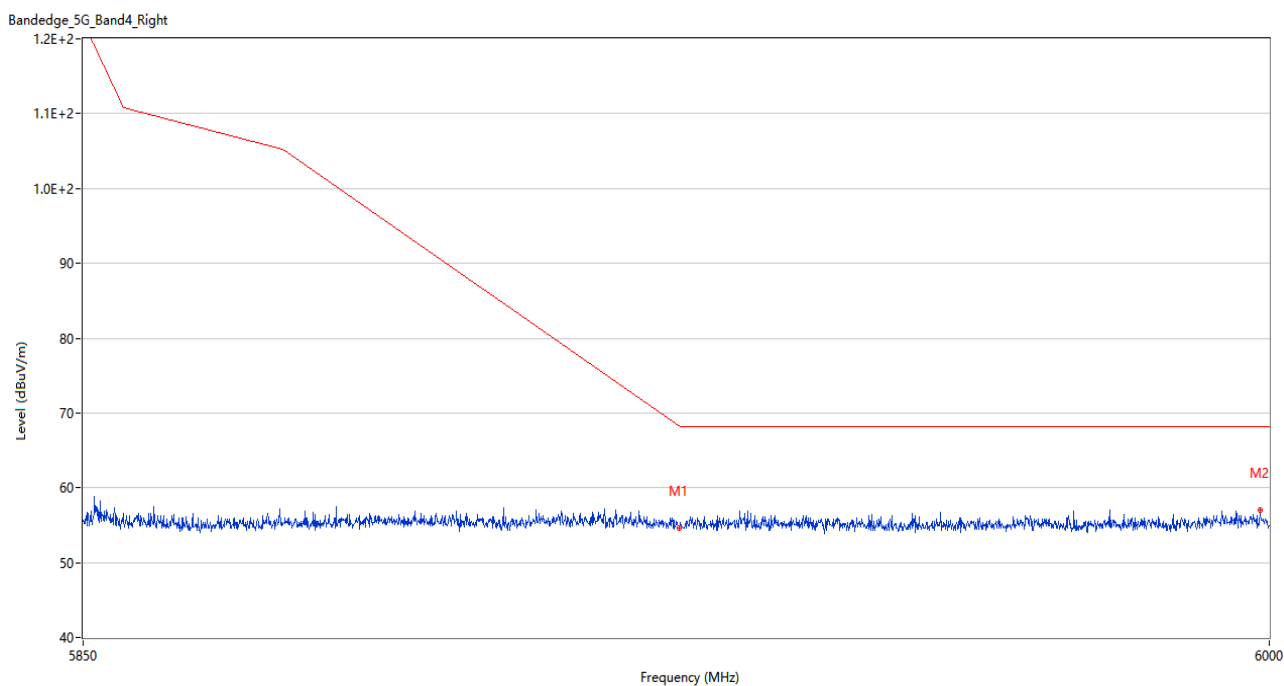
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.63	3.42	68.3	13.67	Peak	61.00	200	Horizontal	Pass
2	5977.575	57.59	4.17	68.2	10.61	Peak	328.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



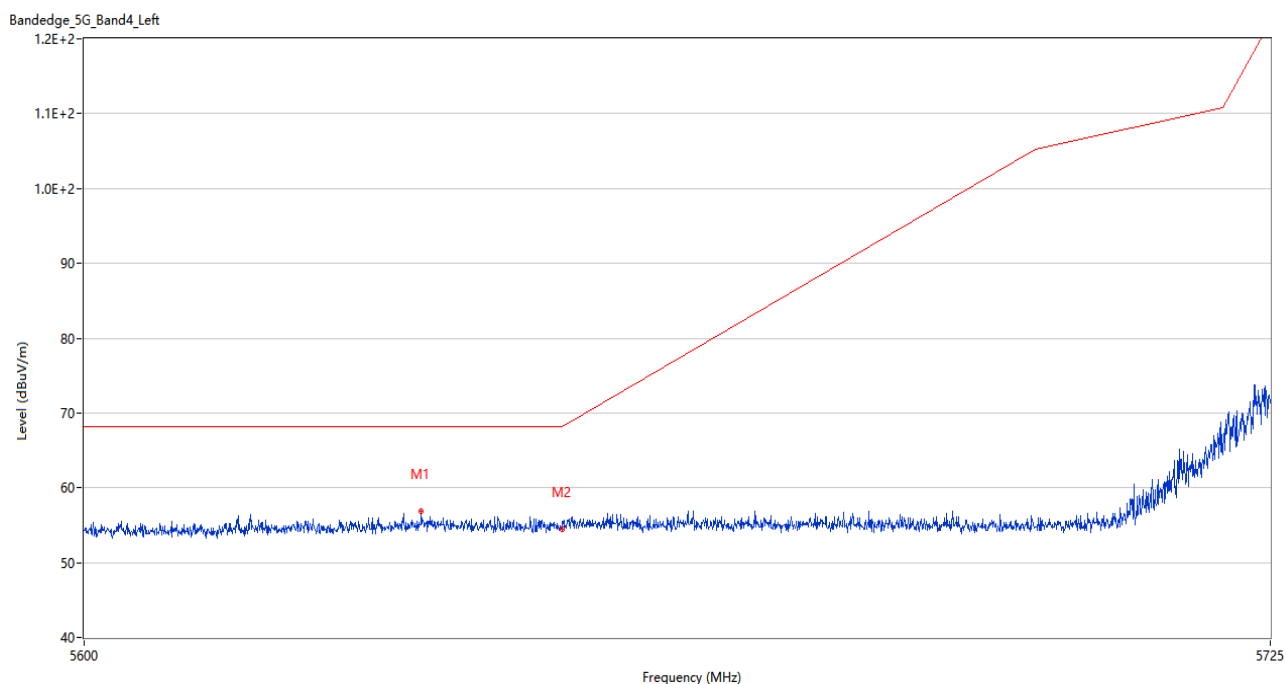
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.812	56.71	3.62	68.2	11.49	Peak	346.00	150	Horizontal	Pass
2	5650.000	55.87	3.72	68.2	12.33	Peak	116.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



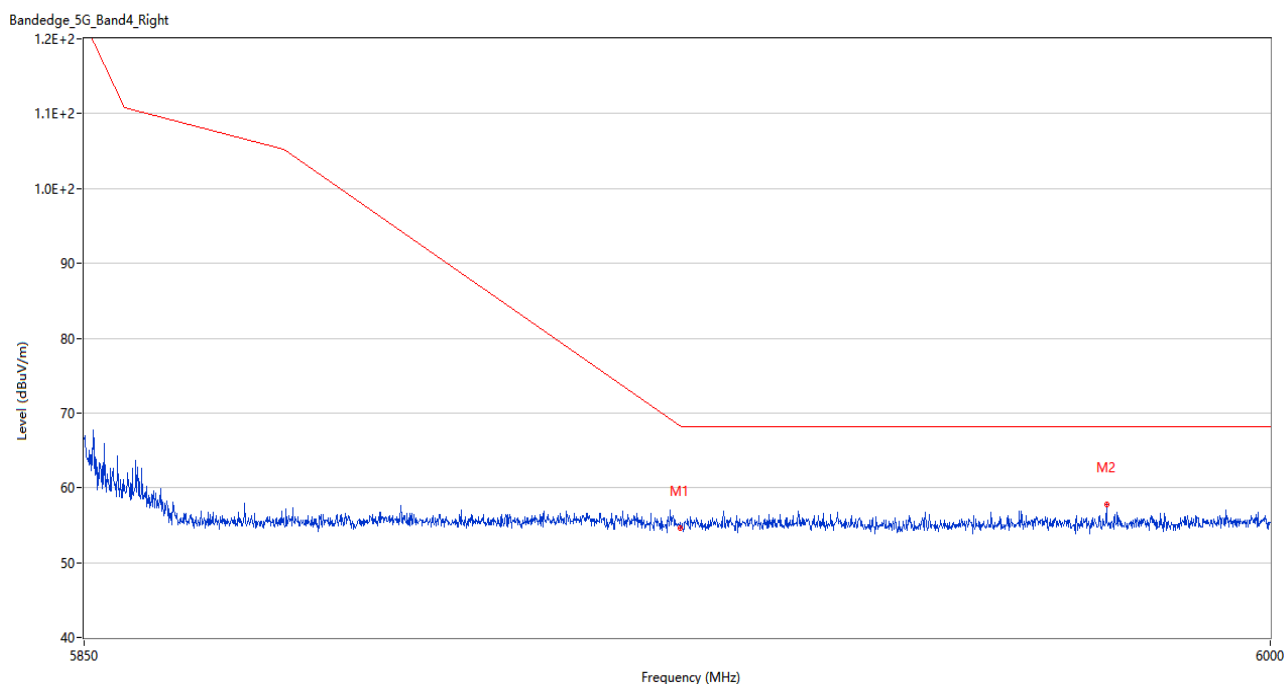
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.60	3.42	68.3	13.70	Peak	102.00	100	Horizontal	Pass
2	5998.800	57.06	4.94	68.2	11.14	Peak	232.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



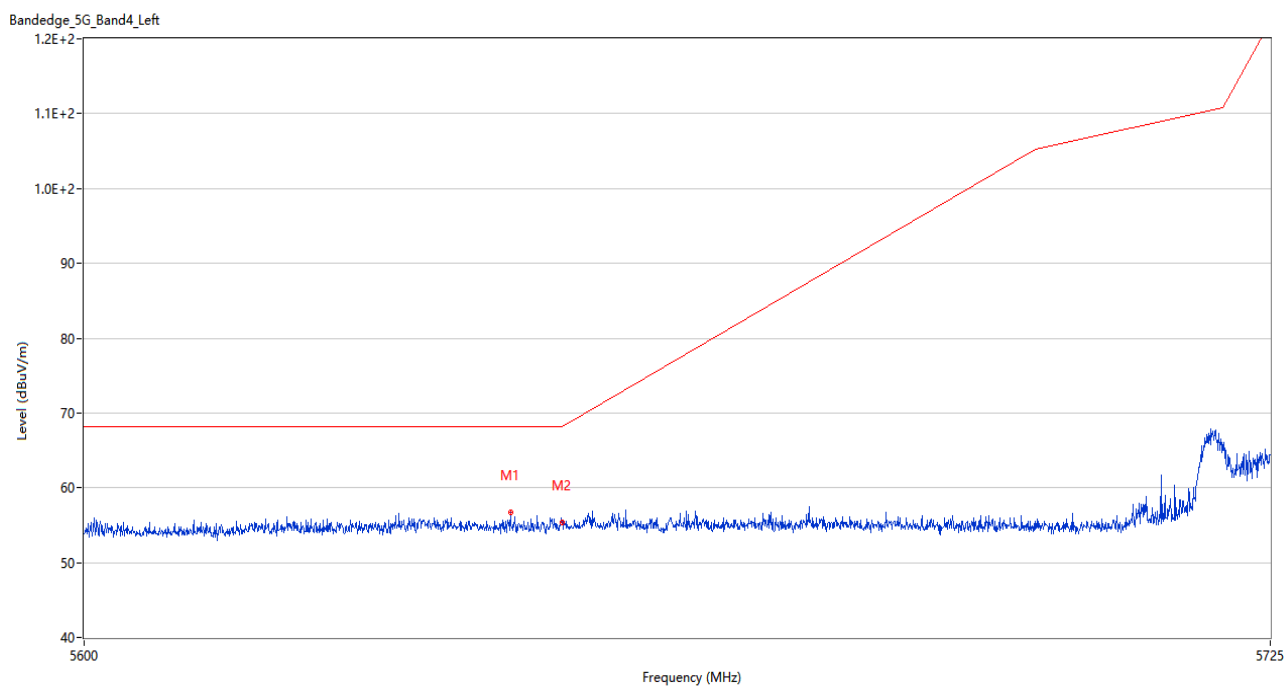
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.250	56.84	3.81	68.2	11.36	Peak	105.00	150	Horizontal	Pass
2	5650.000	54.46	3.72	68.2	13.74	Peak	96.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



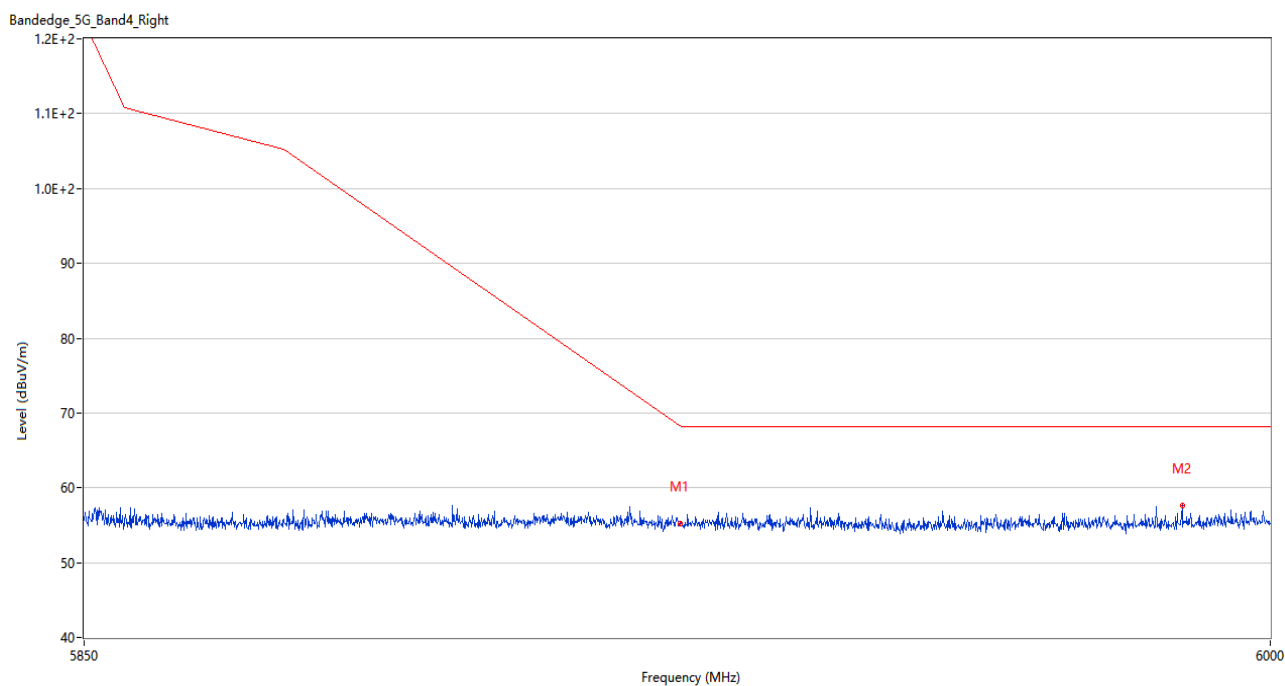
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.55	3.42	68.3	13.75	Peak	89.00	200	Horizontal	Pass
2	5979.075	57.77	4.30	68.2	10.43	Peak	123.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



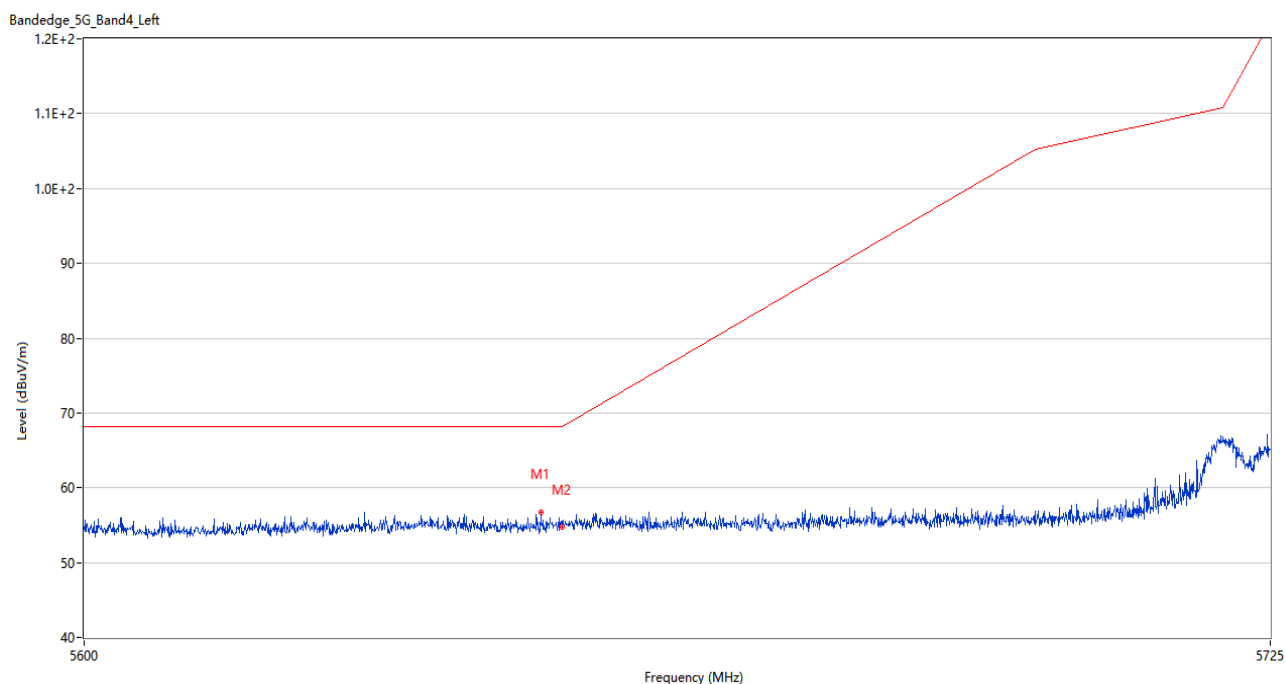
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.625	56.70	3.42	68.2	11.50	Peak	360.00	200	Horizontal	Pass
2	5650.000	55.30	3.72	68.2	12.90	Peak	155.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



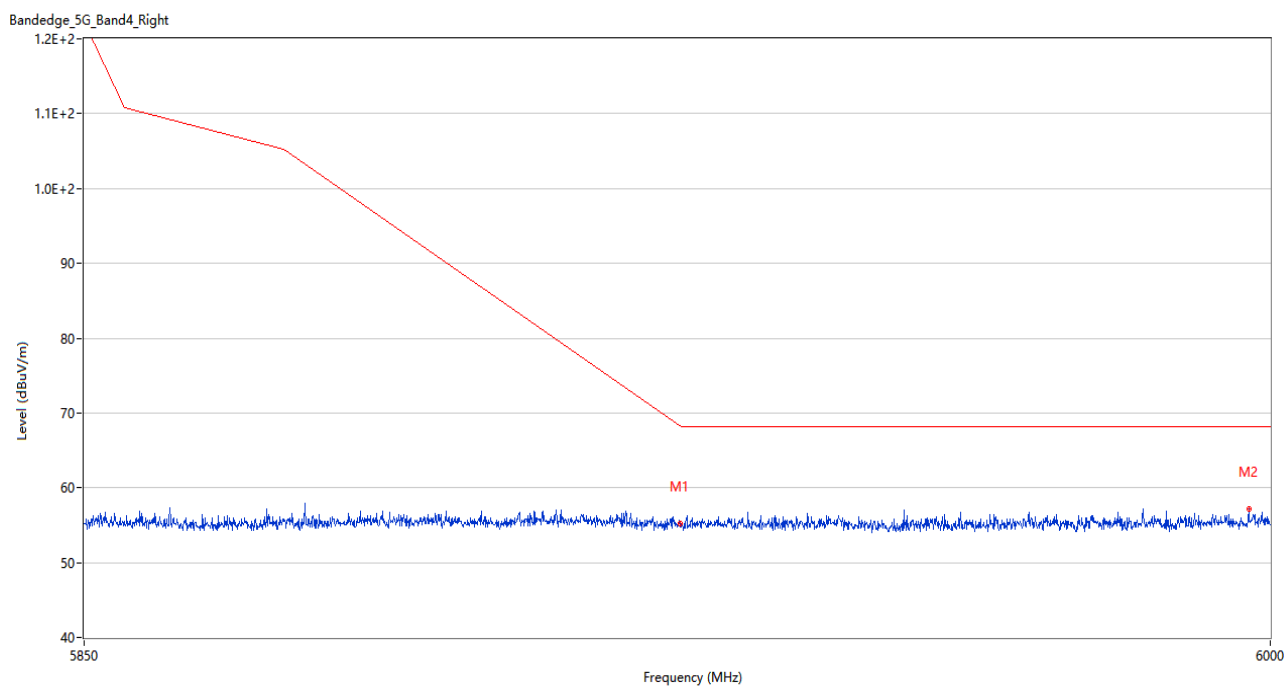
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.17	3.42	68.3	13.13	Peak	221.00	200	Horizontal	Pass
2	5988.750	57.56	4.45	68.2	10.64	Peak	275.00	100	Horizontal	Pass

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	5647.813	56.78	3.35	68.2	11.42	Peak	205.00	100	Horizontal	Pass
2	5650.000	54.79	3.72	68.2	13.41	Peak	297.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.20	3.42	68.3	13.10	Peak	95.00	200	Horizontal	Pass
2	5997.225	57.20	4.83	68.2	11.00	Peak	269.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2441131-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2441131-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2441131-AI.PDF”.

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